

Test Condition: NTNV, Test Mode: QPSK, 16QAM, Test LTE Band: B1, B3, B7, B8, B20

## Test Data

## Clause 4.2.2 LTE Transmitter maximum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
7	5	20775	1	#0	QPSK	23.22	20.3	25.7	PASS
7	5	20775	1	#Max	QPSK	23.18	20.3	25.7	PASS
7	5	20775	8	#0	QPSK	23.23	20.3	25.7	PASS
7	5	20775	8	#Max	QPSK	23.31	20.3	25.7	PASS
7	5	21100	1	#0	QPSK	23.47	20.3	25.7	PASS
7	5	21100	1	#Max	QPSK	23.51	20.3	25.7	PASS
7	5	21100	8	#0	QPSK	23.50	20.3	25.7	PASS
7	5	21100	8	#Max	QPSK	23.57	20.3	25.7	PASS
7	5	21425	1	#0	QPSK	23.24	20.3	25.7	PASS
7	5	21425	1	#Max	QPSK	23.29	20.3	25.7	PASS
7	5	21425	8	#0	QPSK	23.39	20.3	25.7	PASS
7	5	21425	8	#Max	QPSK	23.44	20.3	25.7	PASS
7	20	20850	1	#0	QPSK	23.16	20.3	25.7	PASS
7	20	20850	1	#Max	QPSK	23.12	20.3	25.7	PASS
7	20	20850	18	#0	QPSK	23.19	20.3	25.7	PASS
7	20	20850	18	#Max	QPSK	23.19	20.3	25.7	PASS
7	20	21100	1	#0	QPSK	23.32	20.3	25.7	PASS
7	20	21100	1	#Max	QPSK	23.43	20.3	25.7	PASS
7	20	21100	18	#0	QPSK	23.38	20.3	25.7	PASS
7	20	21100	18	#Max	QPSK	23.43	20.3	25.7	PASS
7	20	21350	1	#0	QPSK	23.22	20.3	25.7	PASS
7	20	21350	1	#Max	QPSK	23.24	20.3	25.7	PASS
7	20	21350	18	#0	QPSK	23.31	20.3	25.7	PASS
7	20	21350	18	#Max	QPSK	23.34	20.3	25.7	PASS
1	5	18025	1	#0	QPSK	23.39	20.3	25.7	PASS
1	5	18025	1	#Max	QPSK	23.40	20.3	25.7	PASS
1	5	18025	8	#0	QPSK	23.46	20.3	25.7	PASS
1	5	18025	8	#Max	QPSK	23.50	20.3	25.7	PASS
1	5	18300	1	#0	QPSK	23.59	20.3	25.7	PASS
1	5	18300	1	#Max	QPSK	23.60	20.3	25.7	PASS
1	5	18300	8	#0	QPSK	23.72	20.3	25.7	PASS
1	5	18300	8	#Max	QPSK	23.68	20.3	25.7	PASS
1	5	18575	1	#0	QPSK	23.30	20.3	25.7	PASS
1	5	18575	1	#Max	QPSK	23.41	20.3	25.7	PASS
1	5	18575	8	#0	QPSK	23.51	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	23.55	20.3	25.7	PASS

1	20	18100	1	#0	QPSK	23.32	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	23.29	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	23.44	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	23.29	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	23.42	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	23.33	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	23.41	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	23.34	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	23.25	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	23.28	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	23.32	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	23.32	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.22	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.25	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.27	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.26	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	23.98	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	23.93	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	24.01	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	24.07	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	23.81	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	23.83	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	23.84	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	23.85	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.09	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.21	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.25	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.25	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	23.98	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	23.95	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	24.01	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	23.95	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	23.60	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	23.67	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	23.78	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	23.69	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	24.25	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	24.35	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.23	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	24.38	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	24.14	20.3	25.7	PASS
8	10	21625	1	#Max	QPSK	23.87	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	24.09	20.3	25.7	PASS

8	10	21625	12	#Max	QPSK	23.89	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	23.74	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	23.83	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	23.74	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	23.66	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	23.61	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	23.56	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	23.69	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	23.76	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	23.54	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	23.50	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	23.59	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	23.61	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	23.47	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	23.52	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	23.58	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	23.54	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	23.54	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	23.43	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	23.52	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	23.58	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	23.43	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	23.33	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	23.53	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	23.45	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	23.28	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	23.37	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	23.45	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	23.33	20.3	25.7	PASS
3	1.4	19457	1	#0	QPSK	24.26	20.3	25.7	PASS
3	1.4	19457	1	#Max	QPSK	24.19	20.3	25.7	PASS
3	1.4	19457	5	#0	QPSK	24.39	20.3	25.7	PASS
3	1.4	19457	5	#Max	QPSK	24.37	20.3	25.7	PASS
3	1.4	19675	1	#0	QPSK	23.50	20.3	25.7	PASS
3	1.4	19675	1	#Max	QPSK	23.49	20.3	25.7	PASS
3	1.4	19675	5	#0	QPSK	23.53	20.3	25.7	PASS
3	1.4	19675	5	#Max	QPSK	23.53	20.3	25.7	PASS
3	1.4	19893	1	#0	QPSK	24.03	20.3	25.7	PASS
3	1.4	19893	1	#Max	QPSK	24.04	20.3	25.7	PASS
3	1.4	19893	5	#0	QPSK	24.06	20.3	25.7	PASS
3	1.4	19893	5	#Max	QPSK	24.01	20.3	25.7	PASS
3	5	19475	1	#0	QPSK	24.22	20.3	25.7	PASS
3	5	19475	1	#Max	QPSK	24.09	20.3	25.7	PASS

3	5	19475	8	#0	QPSK	24.33	20.3	25.7	PASS
3	5	19475	8	#Max	QPSK	24.19	20.3	25.7	PASS
3	5	19675	1	#0	QPSK	23.35	20.3	25.7	PASS
3	5	19675	1	#Max	QPSK	23.37	20.3	25.7	PASS
3	5	19675	8	#0	QPSK	23.50	20.3	25.7	PASS
3	5	19675	8	#Max	QPSK	23.49	20.3	25.7	PASS
3	5	19875	1	#0	QPSK	23.56	20.3	25.7	PASS
3	5	19875	1	#Max	QPSK	23.42	20.3	25.7	PASS
3	5	19875	8	#0	QPSK	23.42	20.3	25.7	PASS
3	5	19875	8	#Max	QPSK	23.46	20.3	25.7	PASS
3	20	19550	1	#0	QPSK	24.14	20.3	25.7	PASS
3	20	19550	1	#Max	QPSK	23.64	20.3	25.7	PASS
3	20	19550	18	#0	QPSK	24.12	20.3	25.7	PASS
3	20	19550	18	#Max	QPSK	23.62	20.3	25.7	PASS
3	20	19675	1	#0	QPSK	22.73	20.3	25.7	PASS
3	20	19675	1	#Max	QPSK	22.89	20.3	25.7	PASS
3	20	19675	18	#0	QPSK	22.81	20.3	25.7	PASS
3	20	19675	18	#Max	QPSK	22.95	20.3	25.7	PASS
3	20	19800	1	#0	QPSK	22.69	20.3	25.7	PASS
3	20	19800	1	#Max	QPSK	23.25	20.3	25.7	PASS
3	20	19800	18	#0	QPSK	22.88	20.3	25.7	PASS
3	20	19800	18	#Max	QPSK	23.34	20.3	25.7	PASS

### Clause 4.2.3 LTE Transmitter spectrum emission mask

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Range	SEM Margin (dB)	Verdict
3	1.4	19457	5	#0	QPSK	-1MHz-0MHz	13.17	PASS
3	1.4	19457	5	#0	QPSK	-2.5MHz--1MHz	14.46	PASS
3	1.4	19457	5	#0	QPSK	-3.5MHz--2.5MHz	10.82	PASS
3	1.4	19457	5	#0	QPSK	0MHz-1MHz	13.62	PASS
3	1.4	19457	5	#0	QPSK	1MHz-2.5MHz	16.65	PASS
3	1.4	19457	5	#0	QPSK	2.5MHz-3.5MHz	11.06	PASS
3	1.4	19457	5	#Max	QPSK	-1MHz-0MHz	16.28	PASS
3	1.4	19457	5	#Max	QPSK	-2.5MHz--1MHz	17.24	PASS
3	1.4	19457	5	#Max	QPSK	-3.5MHz--2.5MHz	11.28	PASS
3	1.4	19457	5	#Max	QPSK	0MHz-1MHz	14.31	PASS
3	1.4	19457	5	#Max	QPSK	1MHz-2.5MHz	15.88	PASS
3	1.4	19457	5	#Max	QPSK	2.5MHz-3.5MHz	11.24	PASS
3	1.4	19457	6	#0	QPSK	-1MHz-0MHz	18.27	PASS
3	1.4	19457	6	#0	QPSK	-2.5MHz--1MHz	15.42	PASS
3	1.4	19457	6	#0	QPSK	-3.5MHz--2.5MHz	11.16	PASS
3	1.4	19457	6	#0	QPSK	0MHz-1MHz	18.44	PASS
3	1.4	19457	6	#0	QPSK	1MHz-2.5MHz	15.88	PASS
3	1.4	19457	6	#0	QPSK	2.5MHz-3.5MHz	11.19	PASS



3	1.4	19457	5	#0	QAM16	-1MHz-0MHz	15.27	PASS
3	1.4	19457	5	#0	QAM16	-2.5MHz--1MHz	17.05	PASS
3	1.4	19457	5	#0	QAM16	-3.5MHz--2.5MHz	11.35	PASS
3	1.4	19457	5	#0	QAM16	0MHz-1MHz	17.14	PASS
3	1.4	19457	5	#0	QAM16	1MHz-2.5MHz	19.54	PASS
3	1.4	19457	5	#0	QAM16	2.5MHz-3.5MHz	11.45	PASS
3	1.4	19457	5	#Max	QAM16	-1MHz-0MHz	16.72	PASS
3	1.4	19457	5	#Max	QAM16	-2.5MHz--1MHz	19.47	PASS
3	1.4	19457	5	#Max	QAM16	-3.5MHz--2.5MHz	11.47	PASS
3	1.4	19457	5	#Max	QAM16	0MHz-1MHz	14.66	PASS
3	1.4	19457	5	#Max	QAM16	1MHz-2.5MHz	17.56	PASS
3	1.4	19457	5	#Max	QAM16	2.5MHz-3.5MHz	11.48	PASS
3	1.4	19457	6	#0	QAM16	-1MHz-0MHz	18.56	PASS
3	1.4	19457	6	#0	QAM16	-2.5MHz--1MHz	18.31	PASS
3	1.4	19457	6	#0	QAM16	-3.5MHz--2.5MHz	11.54	PASS
3	1.4	19457	6	#0	QAM16	0MHz-1MHz	18.07	PASS
3	1.4	19457	6	#0	QAM16	1MHz-2.5MHz	17.77	PASS
3	1.4	19457	6	#0	QAM16	2.5MHz-3.5MHz	11.68	PASS
3	1.4	19675	5	#0	QPSK	-1MHz-0MHz	13.51	PASS
3	1.4	19675	5	#0	QPSK	-2.5MHz--1MHz	14.64	PASS
3	1.4	19675	5	#0	QPSK	-3.5MHz--2.5MHz	11.21	PASS
3	1.4	19675	5	#0	QPSK	0MHz-1MHz	14.78	PASS
3	1.4	19675	5	#0	QPSK	1MHz-2.5MHz	17.17	PASS
3	1.4	19675	5	#0	QPSK	2.5MHz-3.5MHz	11.57	PASS
3	1.4	19675	5	#Max	QPSK	-1MHz-0MHz	14.41	PASS
3	1.4	19675	5	#Max	QPSK	-2.5MHz--1MHz	16.43	PASS
3	1.4	19675	5	#Max	QPSK	-3.5MHz--2.5MHz	11.36	PASS
3	1.4	19675	5	#Max	QPSK	0MHz-1MHz	13.67	PASS
3	1.4	19675	5	#Max	QPSK	1MHz-2.5MHz	15.67	PASS
3	1.4	19675	5	#Max	QPSK	2.5MHz-3.5MHz	11.41	PASS
3	1.4	19675	6	#0	QPSK	-1MHz-0MHz	19.19	PASS
3	1.4	19675	6	#0	QPSK	-2.5MHz--1MHz	15.37	PASS
3	1.4	19675	6	#0	QPSK	-3.5MHz--2.5MHz	11.50	PASS
3	1.4	19675	6	#0	QPSK	0MHz-1MHz	19.30	PASS
3	1.4	19675	6	#0	QPSK	1MHz-2.5MHz	15.46	PASS
3	1.4	19675	6	#0	QPSK	2.5MHz-3.5MHz	11.62	PASS
3	1.4	19675	5	#0	QAM16	-1MHz-0MHz	14.89	PASS
3	1.4	19675	5	#0	QAM16	-2.5MHz--1MHz	18.18	PASS
3	1.4	19675	5	#0	QAM16	-3.5MHz--2.5MHz	11.93	PASS
3	1.4	19675	5	#0	QAM16	0MHz-1MHz	17.24	PASS
3	1.4	19675	5	#0	QAM16	1MHz-2.5MHz	20.54	PASS
3	1.4	19675	5	#0	QAM16	2.5MHz-3.5MHz	12.01	PASS
3	1.4	19675	5	#Max	QAM16	-1MHz-0MHz	17.56	PASS

3	1.4	19675	5	#Max	QAM16	-2.5MHz--1MHz	20.55	PASS
3	1.4	19675	5	#Max	QAM16	-3.5MHz--2.5MHz	11.89	PASS
3	1.4	19675	5	#Max	QAM16	0MHz-1MHz	17.10	PASS
3	1.4	19675	5	#Max	QAM16	1MHz-2.5MHz	17.89	PASS
3	1.4	19675	5	#Max	QAM16	2.5MHz-3.5MHz	12.04	PASS
3	1.4	19675	6	#0	QAM16	-1MHz-0MHz	18.10	PASS
3	1.4	19675	6	#0	QAM16	-2.5MHz--1MHz	17.32	PASS
3	1.4	19675	6	#0	QAM16	-3.5MHz--2.5MHz	11.83	PASS
3	1.4	19675	6	#0	QAM16	0MHz-1MHz	19.33	PASS
3	1.4	19675	6	#0	QAM16	1MHz-2.5MHz	17.13	PASS
3	1.4	19675	6	#0	QAM16	2.5MHz-3.5MHz	12.05	PASS
3	1.4	19893	5	#0	QPSK	-1MHz-0MHz	14.77	PASS
3	1.4	19893	5	#0	QPSK	-2.5MHz--1MHz	15.64	PASS
3	1.4	19893	5	#0	QPSK	-3.5MHz--2.5MHz	10.67	PASS
3	1.4	19893	5	#0	QPSK	0MHz-1MHz	16.09	PASS
3	1.4	19893	5	#0	QPSK	1MHz-2.5MHz	17.74	PASS
3	1.4	19893	5	#0	QPSK	2.5MHz-3.5MHz	11.16	PASS
3	1.4	19893	5	#Max	QPSK	-1MHz-0MHz	15.84	PASS
3	1.4	19893	5	#Max	QPSK	-2.5MHz--1MHz	17.09	PASS
3	1.4	19893	5	#Max	QPSK	-3.5MHz--2.5MHz	10.88	PASS
3	1.4	19893	5	#Max	QPSK	0MHz-1MHz	14.11	PASS
3	1.4	19893	5	#Max	QPSK	1MHz-2.5MHz	16.04	PASS
3	1.4	19893	5	#Max	QPSK	2.5MHz-3.5MHz	10.98	PASS
3	1.4	19893	6	#0	QPSK	-1MHz-0MHz	19.61	PASS
3	1.4	19893	6	#0	QPSK	-2.5MHz--1MHz	15.77	PASS
3	1.4	19893	6	#0	QPSK	-3.5MHz--2.5MHz	10.69	PASS
3	1.4	19893	6	#0	QPSK	0MHz-1MHz	19.47	PASS
3	1.4	19893	6	#0	QPSK	1MHz-2.5MHz	17.01	PASS
3	1.4	19893	6	#0	QPSK	2.5MHz-3.5MHz	11.13	PASS
3	1.4	19893	5	#0	QAM16	-1MHz-0MHz	16.29	PASS
3	1.4	19893	5	#0	QAM16	-2.5MHz--1MHz	17.50	PASS
3	1.4	19893	5	#0	QAM16	-3.5MHz--2.5MHz	11.40	PASS
3	1.4	19893	5	#0	QAM16	0MHz-1MHz	19.08	PASS
3	1.4	19893	5	#0	QAM16	1MHz-2.5MHz	19.92	PASS
3	1.4	19893	5	#0	QAM16	2.5MHz-3.5MHz	11.66	PASS
3	1.4	19893	5	#Max	QAM16	-1MHz-0MHz	17.91	PASS
3	1.4	19893	5	#Max	QAM16	-2.5MHz--1MHz	19.74	PASS
3	1.4	19893	5	#Max	QAM16	-3.5MHz--2.5MHz	11.39	PASS
3	1.4	19893	5	#Max	QAM16	0MHz-1MHz	17.14	PASS
3	1.4	19893	5	#Max	QAM16	1MHz-2.5MHz	17.96	PASS
3	1.4	19893	5	#Max	QAM16	2.5MHz-3.5MHz	11.48	PASS
3	1.4	19893	6	#0	QAM16	-1MHz-0MHz	18.04	PASS
3	1.4	19893	6	#0	QAM16	-2.5MHz--1MHz	17.55	PASS

3	1.4	19893	6	#0	QAM16	-3.5MHz--2.5MHz	11.26	PASS
3	1.4	19893	6	#0	QAM16	0MHz-1MHz	18.90	PASS
3	1.4	19893	6	#0	QAM16	1MHz-2.5MHz	17.88	PASS
3	1.4	19893	6	#0	QAM16	2.5MHz-3.5MHz	11.29	PASS
3	5	19475	8	#0	QPSK	-1MHz-0MHz	7.11	PASS
3	5	19475	8	#0	QPSK	-5MHz--1MHz	10.98	PASS
3	5	19475	8	#0	QPSK	-6MHz--5MHz	24.01	PASS
3	5	19475	8	#0	QPSK	-10MHz--6MHz	12.17	PASS
3	5	19475	8	#0	QPSK	0MHz-1MHz	30.93	PASS
3	5	19475	8	#0	QPSK	1MHz-5MHz	19.91	PASS
3	5	19475	8	#0	QPSK	5MHz-6MHz	24.37	PASS
3	5	19475	8	#0	QPSK	6MHz-10MHz	12.56	PASS
3	5	19475	8	#Max	QPSK	-1MHz-0MHz	31.08	PASS
3	5	19475	8	#Max	QPSK	-5MHz--1MHz	19.98	PASS
3	5	19475	8	#Max	QPSK	-6MHz--5MHz	24.15	PASS
3	5	19475	8	#Max	QPSK	-10MHz--6MHz	12.05	PASS
3	5	19475	8	#Max	QPSK	0MHz-1MHz	7.78	PASS
3	5	19475	8	#Max	QPSK	1MHz-5MHz	11.02	PASS
3	5	19475	8	#Max	QPSK	5MHz-6MHz	24.09	PASS
3	5	19475	8	#Max	QPSK	6MHz-10MHz	12.42	PASS
3	5	19475	25	#0	QPSK	-1MHz-0MHz	15.80	PASS
3	5	19475	25	#0	QPSK	-5MHz--1MHz	12.13	PASS
3	5	19475	25	#0	QPSK	-6MHz--5MHz	17.05	PASS
3	5	19475	25	#0	QPSK	-10MHz--6MHz	6.63	PASS
3	5	19475	25	#0	QPSK	0MHz-1MHz	15.96	PASS
3	5	19475	25	#0	QPSK	1MHz-5MHz	12.85	PASS
3	5	19475	25	#0	QPSK	5MHz-6MHz	17.74	PASS
3	5	19475	25	#0	QPSK	6MHz-10MHz	6.64	PASS
3	5	19475	8	#0	QAM16	-1MHz-0MHz	8.94	PASS
3	5	19475	8	#0	QAM16	-5MHz--1MHz	13.35	PASS
3	5	19475	8	#0	QAM16	-6MHz--5MHz	24.03	PASS
3	5	19475	8	#0	QAM16	-10MHz--6MHz	12.15	PASS
3	5	19475	8	#0	QAM16	0MHz-1MHz	32.25	PASS
3	5	19475	8	#0	QAM16	1MHz-5MHz	20.89	PASS
3	5	19475	8	#0	QAM16	5MHz-6MHz	24.45	PASS
3	5	19475	8	#0	QAM16	6MHz-10MHz	12.55	PASS
3	5	19475	8	#Max	QAM16	-1MHz-0MHz	31.82	PASS
3	5	19475	8	#Max	QAM16	-5MHz--1MHz	21.10	PASS
3	5	19475	8	#Max	QAM16	-6MHz--5MHz	24.21	PASS
3	5	19475	8	#Max	QAM16	-10MHz--6MHz	12.13	PASS
3	5	19475	8	#Max	QAM16	0MHz-1MHz	11.23	PASS
3	5	19475	8	#Max	QAM16	1MHz-5MHz	13.34	PASS
3	5	19475	8	#Max	QAM16	5MHz-6MHz	24.32	PASS

3	5	19475	8	#Max	QAM16	6MHz-10MHz	12.54	PASS
3	5	19475	25	#0	QAM16	-1MHz-0MHz	16.76	PASS
3	5	19475	25	#0	QAM16	-5MHz--1MHz	11.91	PASS
3	5	19475	25	#0	QAM16	-6MHz--5MHz	18.54	PASS
3	5	19475	25	#0	QAM16	-10MHz--6MHz	8.01	PASS
3	5	19475	25	#0	QAM16	0MHz-1MHz	16.78	PASS
3	5	19475	25	#0	QAM16	1MHz-5MHz	12.68	PASS
3	5	19475	25	#0	QAM16	5MHz-6MHz	18.56	PASS
3	5	19475	25	#0	QAM16	6MHz-10MHz	8.08	PASS
3	5	19675	8	#0	QPSK	-1MHz-0MHz	8.49	PASS
3	5	19675	8	#0	QPSK	-5MHz--1MHz	9.25	PASS
3	5	19675	8	#0	QPSK	-6MHz--5MHz	23.95	PASS
3	5	19675	8	#0	QPSK	-10MHz--6MHz	12.34	PASS
3	5	19675	8	#0	QPSK	0MHz-1MHz	31.37	PASS
3	5	19675	8	#0	QPSK	1MHz-5MHz	20.61	PASS
3	5	19675	8	#0	QPSK	5MHz-6MHz	24.85	PASS
3	5	19675	8	#0	QPSK	6MHz-10MHz	12.92	PASS
3	5	19675	8	#Max	QPSK	-1MHz-0MHz	31.64	PASS
3	5	19675	8	#Max	QPSK	-5MHz--1MHz	20.38	PASS
3	5	19675	8	#Max	QPSK	-6MHz--5MHz	24.60	PASS
3	5	19675	8	#Max	QPSK	-10MHz--6MHz	12.59	PASS
3	5	19675	8	#Max	QPSK	0MHz-1MHz	6.95	PASS
3	5	19675	8	#Max	QPSK	1MHz-5MHz	9.71	PASS
3	5	19675	8	#Max	QPSK	5MHz-6MHz	24.13	PASS
3	5	19675	8	#Max	QPSK	6MHz-10MHz	12.58	PASS
3	5	19675	25	#0	QPSK	-1MHz-0MHz	17.06	PASS
3	5	19675	25	#0	QPSK	-5MHz--1MHz	12.68	PASS
3	5	19675	25	#0	QPSK	-6MHz--5MHz	16.77	PASS
3	5	19675	25	#0	QPSK	-10MHz--6MHz	6.60	PASS
3	5	19675	25	#0	QPSK	0MHz-1MHz	15.41	PASS
3	5	19675	25	#0	QPSK	1MHz-5MHz	13.60	PASS
3	5	19675	25	#0	QPSK	5MHz-6MHz	17.32	PASS
3	5	19675	25	#0	QPSK	6MHz-10MHz	7.58	PASS
3	5	19675	8	#0	QAM16	-1MHz-0MHz	11.14	PASS
3	5	19675	8	#0	QAM16	-5MHz--1MHz	11.48	PASS
3	5	19675	8	#0	QAM16	-6MHz--5MHz	24.28	PASS
3	5	19675	8	#0	QAM16	-10MHz--6MHz	12.54	PASS
3	5	19675	8	#0	QAM16	0MHz-1MHz	32.69	PASS
3	5	19675	8	#0	QAM16	1MHz-5MHz	21.54	PASS
3	5	19675	8	#0	QAM16	5MHz-6MHz	24.89	PASS
3	5	19675	8	#0	QAM16	6MHz-10MHz	12.97	PASS
3	5	19675	8	#Max	QAM16	-1MHz-0MHz	33.01	PASS
3	5	19675	8	#Max	QAM16	-5MHz--1MHz	21.40	PASS

3	5	19675	8	#Max	QAM16	-6MHz--5MHz	24.63	PASS
3	5	19675	8	#Max	QAM16	-10MHz--6MHz	12.54	PASS
3	5	19675	8	#Max	QAM16	0MHz-1MHz	11.35	PASS
3	5	19675	8	#Max	QAM16	1MHz-5MHz	11.94	PASS
3	5	19675	8	#Max	QAM16	5MHz-6MHz	24.50	PASS
3	5	19675	8	#Max	QAM16	6MHz-10MHz	12.84	PASS
3	5	19675	25	#0	QAM16	-1MHz-0MHz	16.09	PASS
3	5	19675	25	#0	QAM16	-5MHz--1MHz	12.24	PASS
3	5	19675	25	#0	QAM16	-6MHz--5MHz	17.69	PASS
3	5	19675	25	#0	QAM16	-10MHz--6MHz	7.97	PASS
3	5	19675	25	#0	QAM16	0MHz-1MHz	17.38	PASS
3	5	19675	25	#0	QAM16	1MHz-5MHz	12.89	PASS
3	5	19675	25	#0	QAM16	5MHz-6MHz	18.40	PASS
3	5	19675	25	#0	QAM16	6MHz-10MHz	8.66	PASS
3	5	19875	8	#0	QPSK	-1MHz-0MHz	9.09	PASS
3	5	19875	8	#0	QPSK	-5MHz--1MHz	9.94	PASS
3	5	19875	8	#0	QPSK	-6MHz--5MHz	23.75	PASS
3	5	19875	8	#0	QPSK	-10MHz--6MHz	12.21	PASS
3	5	19875	8	#0	QPSK	0MHz-1MHz	31.10	PASS
3	5	19875	8	#0	QPSK	1MHz-5MHz	19.26	PASS
3	5	19875	8	#0	QPSK	5MHz-6MHz	24.65	PASS
3	5	19875	8	#0	QPSK	6MHz-10MHz	12.80	PASS
3	5	19875	8	#Max	QPSK	-1MHz-0MHz	30.34	PASS
3	5	19875	8	#Max	QPSK	-5MHz--1MHz	18.52	PASS
3	5	19875	8	#Max	QPSK	-6MHz--5MHz	24.49	PASS
3	5	19875	8	#Max	QPSK	-10MHz--6MHz	12.36	PASS
3	5	19875	8	#Max	QPSK	0MHz-1MHz	7.80	PASS
3	5	19875	8	#Max	QPSK	1MHz-5MHz	9.94	PASS
3	5	19875	8	#Max	QPSK	5MHz-6MHz	24.14	PASS
3	5	19875	8	#Max	QPSK	6MHz-10MHz	12.41	PASS
3	5	19875	25	#0	QPSK	-1MHz-0MHz	16.37	PASS
3	5	19875	25	#0	QPSK	-5MHz--1MHz	13.11	PASS
3	5	19875	25	#0	QPSK	-6MHz--5MHz	17.16	PASS
3	5	19875	25	#0	QPSK	-10MHz--6MHz	7.32	PASS
3	5	19875	25	#0	QPSK	0MHz-1MHz	17.31	PASS
3	5	19875	25	#0	QPSK	1MHz-5MHz	13.69	PASS
3	5	19875	25	#0	QPSK	5MHz-6MHz	18.07	PASS
3	5	19875	25	#0	QPSK	6MHz-10MHz	8.49	PASS
3	5	19875	8	#0	QAM16	-1MHz-0MHz	12.59	PASS
3	5	19875	8	#0	QAM16	-5MHz--1MHz	13.55	PASS
3	5	19875	8	#0	QAM16	-6MHz--5MHz	24.07	PASS
3	5	19875	8	#0	QAM16	-10MHz--6MHz	12.38	PASS
3	5	19875	8	#0	QAM16	0MHz-1MHz	32.50	PASS

3	5	19875	8	#0	QAM16	1MHz-5MHz	20.51	PASS
3	5	19875	8	#0	QAM16	5MHz-6MHz	24.63	PASS
3	5	19875	8	#0	QAM16	6MHz-10MHz	12.79	PASS
3	5	19875	8	#Max	QAM16	-1MHz-0MHz	32.04	PASS
3	5	19875	8	#Max	QAM16	-5MHz--1MHz	19.84	PASS
3	5	19875	8	#Max	QAM16	-6MHz--5MHz	24.39	PASS
3	5	19875	8	#Max	QAM16	-10MHz--6MHz	12.43	PASS
3	5	19875	8	#Max	QAM16	0MHz-1MHz	10.59	PASS
3	5	19875	8	#Max	QAM16	1MHz-5MHz	13.33	PASS
3	5	19875	8	#Max	QAM16	5MHz-6MHz	24.43	PASS
3	5	19875	8	#Max	QAM16	6MHz-10MHz	12.66	PASS
3	5	19875	25	#0	QAM16	-1MHz-0MHz	17.23	PASS
3	5	19875	25	#0	QAM16	-5MHz--1MHz	12.46	PASS
3	5	19875	25	#0	QAM16	-6MHz--5MHz	17.91	PASS
3	5	19875	25	#0	QAM16	-10MHz--6MHz	8.37	PASS
3	5	19875	25	#0	QAM16	0MHz-1MHz	16.06	PASS
3	5	19875	25	#0	QAM16	1MHz-5MHz	13.05	PASS
3	5	19875	25	#0	QAM16	5MHz-6MHz	19.10	PASS
3	5	19875	25	#0	QAM16	6MHz-10MHz	8.96	PASS
3	10	19500	12	#0	QPSK	-1MHz-0MHz	9.47	PASS
3	10	19500	12	#0	QPSK	-5MHz--1MHz	9.55	PASS
3	10	19500	12	#0	QPSK	-10MHz--5MHz	23.01	PASS
3	10	19500	12	#0	QPSK	-15MHz--10MHz	10.94	PASS
3	10	19500	12	#0	QPSK	0MHz-1MHz	31.69	PASS
3	10	19500	12	#0	QPSK	1MHz-5MHz	21.81	PASS
3	10	19500	12	#0	QPSK	5MHz-10MHz	18.19	PASS
3	10	19500	12	#0	QPSK	10MHz-15MHz	12.60	PASS
3	10	19500	12	#Max	QPSK	-1MHz-0MHz	31.85	PASS
3	10	19500	12	#Max	QPSK	-5MHz--1MHz	21.77	PASS
3	10	19500	12	#Max	QPSK	-10MHz--5MHz	18.52	PASS
3	10	19500	12	#Max	QPSK	-15MHz--10MHz	11.06	PASS
3	10	19500	12	#Max	QPSK	0MHz-1MHz	10.33	PASS
3	10	19500	12	#Max	QPSK	1MHz-5MHz	9.57	PASS
3	10	19500	12	#Max	QPSK	5MHz-10MHz	23.40	PASS
3	10	19500	12	#Max	QPSK	10MHz-15MHz	12.53	PASS
3	10	19500	50	#0	QPSK	-1MHz-0MHz	17.59	PASS
3	10	19500	50	#0	QPSK	-5MHz--1MHz	14.52	PASS
3	10	19500	50	#0	QPSK	-10MHz--5MHz	13.47	PASS
3	10	19500	50	#0	QPSK	-15MHz--10MHz	7.70	PASS
3	10	19500	50	#0	QPSK	0MHz-1MHz	17.91	PASS
3	10	19500	50	#0	QPSK	1MHz-5MHz	15.89	PASS
3	10	19500	50	#0	QPSK	5MHz-10MHz	13.97	PASS
3	10	19500	50	#0	QPSK	10MHz-15MHz	8.31	PASS

3	10	19500	12	#0	QAM16	-1MHz-0MHz	10.32	PASS
3	10	19500	12	#0	QAM16	-5MHz--1MHz	11.78	PASS
3	10	19500	12	#0	QAM16	-10MHz--5MHz	23.48	PASS
3	10	19500	12	#0	QAM16	-15MHz--10MHz	10.94	PASS
3	10	19500	12	#0	QAM16	0MHz-1MHz	32.69	PASS
3	10	19500	12	#0	QAM16	1MHz-5MHz	22.41	PASS
3	10	19500	12	#0	QAM16	5MHz-10MHz	19.14	PASS
3	10	19500	12	#0	QAM16	10MHz-15MHz	12.63	PASS
3	10	19500	12	#Max	QAM16	-1MHz-0MHz	32.22	PASS
3	10	19500	12	#Max	QAM16	-5MHz--1MHz	22.77	PASS
3	10	19500	12	#Max	QAM16	-10MHz--5MHz	19.51	PASS
3	10	19500	12	#Max	QAM16	-15MHz--10MHz	11.11	PASS
3	10	19500	12	#Max	QAM16	0MHz-1MHz	12.44	PASS
3	10	19500	12	#Max	QAM16	1MHz-5MHz	12.20	PASS
3	10	19500	12	#Max	QAM16	5MHz-10MHz	23.87	PASS
3	10	19500	12	#Max	QAM16	10MHz-15MHz	12.53	PASS
3	10	19500	50	#0	QAM16	-1MHz-0MHz	16.46	PASS
3	10	19500	50	#0	QAM16	-5MHz--1MHz	13.70	PASS
3	10	19500	50	#0	QAM16	-10MHz--5MHz	13.14	PASS
3	10	19500	50	#0	QAM16	-15MHz--10MHz	7.49	PASS
3	10	19500	50	#0	QAM16	0MHz-1MHz	18.43	PASS
3	10	19500	50	#0	QAM16	1MHz-5MHz	14.85	PASS
3	10	19500	50	#0	QAM16	5MHz-10MHz	14.44	PASS
3	10	19500	50	#0	QAM16	10MHz-15MHz	8.01	PASS
3	10	19675	12	#0	QPSK	-1MHz-0MHz	9.53	PASS
3	10	19675	12	#0	QPSK	-5MHz--1MHz	8.28	PASS
3	10	19675	12	#0	QPSK	-10MHz--5MHz	23.51	PASS
3	10	19675	12	#0	QPSK	-15MHz--10MHz	11.26	PASS
3	10	19675	12	#0	QPSK	0MHz-1MHz	32.40	PASS
3	10	19675	12	#0	QPSK	1MHz-5MHz	22.19	PASS
3	10	19675	12	#0	QPSK	5MHz-10MHz	18.57	PASS
3	10	19675	12	#0	QPSK	10MHz-15MHz	12.85	PASS
3	10	19675	12	#Max	QPSK	-1MHz-0MHz	32.37	PASS
3	10	19675	12	#Max	QPSK	-5MHz--1MHz	21.83	PASS
3	10	19675	12	#Max	QPSK	-10MHz--5MHz	18.33	PASS
3	10	19675	12	#Max	QPSK	-15MHz--10MHz	11.57	PASS
3	10	19675	12	#Max	QPSK	0MHz-1MHz	9.10	PASS
3	10	19675	12	#Max	QPSK	1MHz-5MHz	8.22	PASS
3	10	19675	12	#Max	QPSK	5MHz-10MHz	23.51	PASS
3	10	19675	12	#Max	QPSK	10MHz-15MHz	12.63	PASS
3	10	19675	50	#0	QPSK	-1MHz-0MHz	18.35	PASS
3	10	19675	50	#0	QPSK	-5MHz--1MHz	14.07	PASS
3	10	19675	50	#0	QPSK	-10MHz--5MHz	11.22	PASS



3	10	19675	50	#0	QPSK	-15MHz--10MHz	6.26	PASS
3	10	19675	50	#0	QPSK	0MHz-1MHz	16.87	PASS
3	10	19675	50	#0	QPSK	1MHz-5MHz	15.46	PASS
3	10	19675	50	#0	QPSK	5MHz-10MHz	13.03	PASS
3	10	19675	50	#0	QPSK	10MHz-15MHz	7.35	PASS
3	10	19675	12	#0	QAM16	-1MHz-0MHz	10.65	PASS
3	10	19675	12	#0	QAM16	-5MHz--1MHz	11.39	PASS
3	10	19675	12	#0	QAM16	-10MHz--5MHz	23.70	PASS
3	10	19675	12	#0	QAM16	-15MHz--10MHz	11.41	PASS
3	10	19675	12	#0	QAM16	0MHz-1MHz	33.29	PASS
3	10	19675	12	#0	QAM16	1MHz-5MHz	23.13	PASS
3	10	19675	12	#0	QAM16	5MHz-10MHz	19.69	PASS
3	10	19675	12	#0	QAM16	10MHz-15MHz	12.91	PASS
3	10	19675	12	#Max	QAM16	-1MHz-0MHz	32.68	PASS
3	10	19675	12	#Max	QAM16	-5MHz--1MHz	22.84	PASS
3	10	19675	12	#Max	QAM16	-10MHz--5MHz	19.46	PASS
3	10	19675	12	#Max	QAM16	-15MHz--10MHz	11.55	PASS
3	10	19675	12	#Max	QAM16	0MHz-1MHz	10.57	PASS
3	10	19675	12	#Max	QAM16	1MHz-5MHz	11.06	PASS
3	10	19675	12	#Max	QAM16	5MHz-10MHz	24.03	PASS
3	10	19675	12	#Max	QAM16	10MHz-15MHz	12.68	PASS
3	10	19675	50	#0	QAM16	-1MHz-0MHz	16.72	PASS
3	10	19675	50	#0	QAM16	-5MHz--1MHz	14.75	PASS
3	10	19675	50	#0	QAM16	-10MHz--5MHz	12.92	PASS
3	10	19675	50	#0	QAM16	-15MHz--10MHz	6.97	PASS
3	10	19675	50	#0	QAM16	0MHz-1MHz	18.46	PASS
3	10	19675	50	#0	QAM16	1MHz-5MHz	15.34	PASS
3	10	19675	50	#0	QAM16	5MHz-10MHz	14.03	PASS
3	10	19675	50	#0	QAM16	10MHz-15MHz	8.06	PASS
3	10	19850	12	#0	QPSK	-1MHz-0MHz	10.69	PASS
3	10	19850	12	#0	QPSK	-5MHz--1MHz	10.03	PASS
3	10	19850	12	#0	QPSK	-10MHz--5MHz	22.91	PASS
3	10	19850	12	#0	QPSK	-15MHz--10MHz	11.31	PASS
3	10	19850	12	#0	QPSK	0MHz-1MHz	32.17	PASS
3	10	19850	12	#0	QPSK	1MHz-5MHz	21.74	PASS
3	10	19850	12	#0	QPSK	5MHz-10MHz	18.23	PASS
3	10	19850	12	#0	QPSK	10MHz-15MHz	12.81	PASS
3	10	19850	12	#Max	QPSK	-1MHz-0MHz	32.20	PASS
3	10	19850	12	#Max	QPSK	-5MHz--1MHz	21.05	PASS
3	10	19850	12	#Max	QPSK	-10MHz--5MHz	17.69	PASS
3	10	19850	12	#Max	QPSK	-15MHz--10MHz	11.42	PASS
3	10	19850	12	#Max	QPSK	0MHz-1MHz	10.68	PASS
3	10	19850	12	#Max	QPSK	1MHz-5MHz	9.67	PASS



3	10	19850	12	#Max	QPSK	5MHz-10MHz	23.45	PASS
3	10	19850	12	#Max	QPSK	10MHz-15MHz	12.73	PASS
3	10	19850	50	#0	QPSK	-1MHz-0MHz	18.74	PASS
3	10	19850	50	#0	QPSK	-5MHz--1MHz	15.24	PASS
3	10	19850	50	#0	QPSK	-10MHz--5MHz	13.07	PASS
3	10	19850	50	#0	QPSK	-15MHz--10MHz	6.96	PASS
3	10	19850	50	#0	QPSK	0MHz-1MHz	19.35	PASS
3	10	19850	50	#0	QPSK	1MHz-5MHz	16.43	PASS
3	10	19850	50	#0	QPSK	5MHz-10MHz	15.72	PASS
3	10	19850	50	#0	QPSK	10MHz-15MHz	10.94	PASS
3	10	19850	12	#0	QAM16	-1MHz-0MHz	11.91	PASS
3	10	19850	12	#0	QAM16	-5MHz--1MHz	12.37	PASS
3	10	19850	12	#0	QAM16	-10MHz--5MHz	23.48	PASS
3	10	19850	12	#0	QAM16	-15MHz--10MHz	11.35	PASS
3	10	19850	12	#0	QAM16	0MHz-1MHz	32.69	PASS
3	10	19850	12	#0	QAM16	1MHz-5MHz	22.40	PASS
3	10	19850	12	#0	QAM16	5MHz-10MHz	19.19	PASS
3	10	19850	12	#0	QAM16	10MHz-15MHz	12.83	PASS
3	10	19850	12	#Max	QAM16	-1MHz-0MHz	32.45	PASS
3	10	19850	12	#Max	QAM16	-5MHz--1MHz	22.02	PASS
3	10	19850	12	#Max	QAM16	-10MHz--5MHz	18.68	PASS
3	10	19850	12	#Max	QAM16	-15MHz--10MHz	11.47	PASS
3	10	19850	12	#Max	QAM16	0MHz-1MHz	10.17	PASS
3	10	19850	12	#Max	QAM16	1MHz-5MHz	12.61	PASS
3	10	19850	12	#Max	QAM16	5MHz-10MHz	23.95	PASS
3	10	19850	12	#Max	QAM16	10MHz-15MHz	12.80	PASS
3	10	19850	50	#0	QAM16	-1MHz-0MHz	17.93	PASS
3	10	19850	50	#0	QAM16	-5MHz--1MHz	14.50	PASS
3	10	19850	50	#0	QAM16	-10MHz--5MHz	13.48	PASS
3	10	19850	50	#0	QAM16	-15MHz--10MHz	7.43	PASS
3	10	19850	50	#0	QAM16	0MHz-1MHz	17.74	PASS
3	10	19850	50	#0	QAM16	1MHz-5MHz	15.30	PASS
3	10	19850	50	#0	QAM16	5MHz-10MHz	16.00	PASS
3	10	19850	50	#0	QAM16	10MHz-15MHz	11.19	PASS
3	20	19550	18	#0	QPSK	-1MHz-0MHz	11.69	PASS
3	20	19550	18	#0	QPSK	-5MHz--1MHz	11.00	PASS
3	20	19550	18	#0	QPSK	-20MHz--5MHz	21.57	PASS
3	20	19550	18	#0	QPSK	-25MHz--20MHz	12.51	PASS
3	20	19550	18	#0	QPSK	0MHz-1MHz	30.32	PASS
3	20	19550	18	#0	QPSK	1MHz-5MHz	27.09	PASS
3	20	19550	18	#0	QPSK	5MHz-20MHz	18.82	PASS
3	20	19550	18	#0	QPSK	20MHz-25MHz	12.70	PASS
3	20	19550	18	#Max	QPSK	-1MHz-0MHz	29.84	PASS

3	20	19550	18	#Max	QPSK	-5MHz--1MHz	26.49	PASS
3	20	19550	18	#Max	QPSK	-20MHz--5MHz	20.06	PASS
3	20	19550	18	#Max	QPSK	-25MHz--20MHz	12.75	PASS
3	20	19550	18	#Max	QPSK	0MHz-1MHz	9.94	PASS
3	20	19550	18	#Max	QPSK	1MHz-5MHz	10.29	PASS
3	20	19550	18	#Max	QPSK	5MHz-20MHz	21.43	PASS
3	20	19550	18	#Max	QPSK	20MHz-25MHz	12.48	PASS
3	20	19550	100	#0	QPSK	-1MHz-0MHz	17.50	PASS
3	20	19550	100	#0	QPSK	-5MHz--1MHz	16.56	PASS
3	20	19550	100	#0	QPSK	-20MHz--5MHz	14.13	PASS
3	20	19550	100	#0	QPSK	-25MHz--20MHz	9.46	PASS
3	20	19550	100	#0	QPSK	0MHz-1MHz	19.96	PASS
3	20	19550	100	#0	QPSK	1MHz-5MHz	18.03	PASS
3	20	19550	100	#0	QPSK	5MHz-20MHz	16.01	PASS
3	20	19550	100	#0	QPSK	20MHz-25MHz	9.50	PASS
3	20	19550	18	#0	QAM16	-1MHz-0MHz	11.47	PASS
3	20	19550	18	#0	QAM16	-5MHz--1MHz	12.38	PASS
3	20	19550	18	#0	QAM16	-20MHz--5MHz	22.15	PASS
3	20	19550	18	#0	QAM16	-25MHz--20MHz	12.62	PASS
3	20	19550	18	#0	QAM16	0MHz-1MHz	30.29	PASS
3	20	19550	18	#0	QAM16	1MHz-5MHz	27.17	PASS
3	20	19550	18	#0	QAM16	5MHz-20MHz	19.95	PASS
3	20	19550	18	#0	QAM16	20MHz-25MHz	12.67	PASS
3	20	19550	18	#Max	QAM16	-1MHz-0MHz	29.75	PASS
3	20	19550	18	#Max	QAM16	-5MHz--1MHz	26.46	PASS
3	20	19550	18	#Max	QAM16	-20MHz--5MHz	21.06	PASS
3	20	19550	18	#Max	QAM16	-25MHz--20MHz	12.79	PASS
3	20	19550	18	#Max	QAM16	0MHz-1MHz	11.85	PASS
3	20	19550	18	#Max	QAM16	1MHz-5MHz	12.07	PASS
3	20	19550	18	#Max	QAM16	5MHz-20MHz	22.40	PASS
3	20	19550	18	#Max	QAM16	20MHz-25MHz	12.49	PASS
3	20	19550	100	#0	QAM16	-1MHz-0MHz	16.41	PASS
3	20	19550	100	#0	QAM16	-5MHz--1MHz	16.15	PASS
3	20	19550	100	#0	QAM16	-20MHz--5MHz	14.63	PASS
3	20	19550	100	#0	QAM16	-25MHz--20MHz	9.76	PASS
3	20	19550	100	#0	QAM16	0MHz-1MHz	19.27	PASS
3	20	19550	100	#0	QAM16	1MHz-5MHz	17.74	PASS
3	20	19550	100	#0	QAM16	5MHz-20MHz	16.07	PASS
3	20	19550	100	#0	QAM16	20MHz-25MHz	9.70	PASS
3	20	19675	18	#0	QPSK	-1MHz-0MHz	10.55	PASS
3	20	19675	18	#0	QPSK	-5MHz--1MHz	10.52	PASS
3	20	19675	18	#0	QPSK	-20MHz--5MHz	21.03	PASS
3	20	19675	18	#0	QPSK	-25MHz--20MHz	12.93	PASS

3	20	19675	18	#0	QPSK	0MHz-1MHz	30.87	PASS
3	20	19675	18	#0	QPSK	1MHz-5MHz	27.50	PASS
3	20	19675	18	#0	QPSK	5MHz-20MHz	19.27	PASS
3	20	19675	18	#0	QPSK	20MHz-25MHz	13.08	PASS
3	20	19675	18	#Max	QPSK	-1MHz-0MHz	29.87	PASS
3	20	19675	18	#Max	QPSK	-5MHz--1MHz	26.72	PASS
3	20	19675	18	#Max	QPSK	-20MHz--5MHz	19.77	PASS
3	20	19675	18	#Max	QPSK	-25MHz--20MHz	13.25	PASS
3	20	19675	18	#Max	QPSK	0MHz-1MHz	12.07	PASS
3	20	19675	18	#Max	QPSK	1MHz-5MHz	10.78	PASS
3	20	19675	18	#Max	QPSK	5MHz-20MHz	21.43	PASS
3	20	19675	18	#Max	QPSK	20MHz-25MHz	12.93	PASS
3	20	19675	100	#0	QPSK	-1MHz-0MHz	18.50	PASS
3	20	19675	100	#0	QPSK	-5MHz--1MHz	17.28	PASS
3	20	19675	100	#0	QPSK	-20MHz--5MHz	13.52	PASS
3	20	19675	100	#0	QPSK	-25MHz--20MHz	8.49	PASS
3	20	19675	100	#0	QPSK	0MHz-1MHz	20.98	PASS
3	20	19675	100	#0	QPSK	1MHz-5MHz	19.08	PASS
3	20	19675	100	#0	QPSK	5MHz-20MHz	15.93	PASS
3	20	19675	100	#0	QPSK	20MHz-25MHz	10.80	PASS
3	20	19675	18	#0	QAM16	-1MHz-0MHz	11.75	PASS
3	20	19675	18	#0	QAM16	-5MHz--1MHz	12.46	PASS
3	20	19675	18	#0	QAM16	-20MHz--5MHz	22.03	PASS
3	20	19675	18	#0	QAM16	-25MHz--20MHz	13.03	PASS
3	20	19675	18	#0	QAM16	0MHz-1MHz	30.86	PASS
3	20	19675	18	#0	QAM16	1MHz-5MHz	27.60	PASS
3	20	19675	18	#0	QAM16	5MHz-20MHz	20.33	PASS
3	20	19675	18	#0	QAM16	20MHz-25MHz	13.03	PASS
3	20	19675	18	#Max	QAM16	-1MHz-0MHz	29.96	PASS
3	20	19675	18	#Max	QAM16	-5MHz--1MHz	26.83	PASS
3	20	19675	18	#Max	QAM16	-20MHz--5MHz	20.81	PASS
3	20	19675	18	#Max	QAM16	-25MHz--20MHz	13.20	PASS
3	20	19675	18	#Max	QAM16	0MHz-1MHz	12.34	PASS
3	20	19675	18	#Max	QAM16	1MHz-5MHz	12.70	PASS
3	20	19675	18	#Max	QAM16	5MHz-20MHz	22.67	PASS
3	20	19675	18	#Max	QAM16	20MHz-25MHz	12.99	PASS
3	20	19675	100	#0	QAM16	-1MHz-0MHz	17.98	PASS
3	20	19675	100	#0	QAM16	-5MHz--1MHz	16.81	PASS
3	20	19675	100	#0	QAM16	-20MHz--5MHz	14.33	PASS
3	20	19675	100	#0	QAM16	-25MHz--20MHz	9.54	PASS
3	20	19675	100	#0	QAM16	0MHz-1MHz	20.34	PASS
3	20	19675	100	#0	QAM16	1MHz-5MHz	18.21	PASS
3	20	19675	100	#0	QAM16	5MHz-20MHz	16.07	PASS

3	20	19675	100	#0	QAM16	20MHz-25MHz	11.15	PASS
3	20	19800	18	#0	QPSK	-1MHz-0MHz	10.64	PASS
3	20	19800	18	#0	QPSK	-5MHz--1MHz	9.50	PASS
3	20	19800	18	#0	QPSK	-20MHz--5MHz	20.77	PASS
3	20	19800	18	#0	QPSK	-25MHz--20MHz	12.82	PASS
3	20	19800	18	#0	QPSK	0MHz-1MHz	30.55	PASS
3	20	19800	18	#0	QPSK	1MHz-5MHz	27.37	PASS
3	20	19800	18	#0	QPSK	5MHz-20MHz	22.56	PASS
3	20	19800	18	#0	QPSK	20MHz-25MHz	13.92	PASS
3	20	19800	18	#Max	QPSK	-1MHz-0MHz	29.76	PASS
3	20	19800	18	#Max	QPSK	-5MHz--1MHz	26.76	PASS
3	20	19800	18	#Max	QPSK	-20MHz--5MHz	19.80	PASS
3	20	19800	18	#Max	QPSK	-25MHz--20MHz	13.21	PASS
3	20	19800	18	#Max	QPSK	0MHz-1MHz	11.46	PASS
3	20	19800	18	#Max	QPSK	1MHz-5MHz	11.33	PASS
3	20	19800	18	#Max	QPSK	5MHz-20MHz	21.82	PASS
3	20	19800	18	#Max	QPSK	20MHz-25MHz	13.71	PASS
3	20	19800	100	#0	QPSK	-1MHz-0MHz	16.82	PASS
3	20	19800	100	#0	QPSK	-5MHz--1MHz	16.34	PASS
3	20	19800	100	#0	QPSK	-20MHz--5MHz	13.78	PASS
3	20	19800	100	#0	QPSK	-25MHz--20MHz	8.02	PASS
3	20	19800	100	#0	QPSK	0MHz-1MHz	19.85	PASS
3	20	19800	100	#0	QPSK	1MHz-5MHz	17.96	PASS
3	20	19800	100	#0	QPSK	5MHz-20MHz	17.36	PASS
3	20	19800	100	#0	QPSK	20MHz-25MHz	13.77	PASS
3	20	19800	18	#0	QAM16	-1MHz-0MHz	11.25	PASS
3	20	19800	18	#0	QAM16	-5MHz--1MHz	11.81	PASS
3	20	19800	18	#0	QAM16	-20MHz--5MHz	21.79	PASS
3	20	19800	18	#0	QAM16	-25MHz--20MHz	13.03	PASS
3	20	19800	18	#0	QAM16	0MHz-1MHz	30.79	PASS
3	20	19800	18	#0	QAM16	1MHz-5MHz	27.51	PASS
3	20	19800	18	#0	QAM16	5MHz-20MHz	23.41	PASS
3	20	19800	18	#0	QAM16	20MHz-25MHz	13.84	PASS
3	20	19800	18	#Max	QAM16	-1MHz-0MHz	30.03	PASS
3	20	19800	18	#Max	QAM16	-5MHz--1MHz	26.77	PASS
3	20	19800	18	#Max	QAM16	-20MHz--5MHz	20.87	PASS
3	20	19800	18	#Max	QAM16	-25MHz--20MHz	13.18	PASS
3	20	19800	18	#Max	QAM16	0MHz-1MHz	13.16	PASS
3	20	19800	18	#Max	QAM16	1MHz-5MHz	13.35	PASS
3	20	19800	18	#Max	QAM16	5MHz-20MHz	22.45	PASS
3	20	19800	18	#Max	QAM16	20MHz-25MHz	13.77	PASS
3	20	19800	100	#0	QAM16	-1MHz-0MHz	16.36	PASS
3	20	19800	100	#0	QAM16	-5MHz--1MHz	15.80	PASS

3	20	19800	100	#0	QAM16	-20MHz--5MHz	14.11	PASS
3	20	19800	100	#0	QAM16	-25MHz--20MHz	8.70	PASS
3	20	19800	100	#0	QAM16	0MHz-1MHz	18.71	PASS
3	20	19800	100	#0	QAM16	1MHz-5MHz	17.60	PASS
3	20	19800	100	#0	QAM16	5MHz-20MHz	16.49	PASS
3	20	19800	100	#0	QAM16	20MHz-25MHz	13.87	PASS
7	5	20775	8	#0	QPSK	-1MHz-0MHz	5.17	PASS
7	5	20775	8	#0	QPSK	-5MHz--1MHz	11.52	PASS
7	5	20775	8	#0	QPSK	-6MHz--5MHz	22.31	PASS
7	5	20775	8	#0	QPSK	-10MHz--6MHz	11.47	PASS
7	5	20775	8	#0	QPSK	0MHz-1MHz	29.02	PASS
7	5	20775	8	#0	QPSK	1MHz-5MHz	17.60	PASS
7	5	20775	8	#0	QPSK	5MHz-6MHz	24.53	PASS
7	5	20775	8	#0	QPSK	6MHz-10MHz	12.90	PASS
7	5	20775	8	#Max	QPSK	-1MHz-0MHz	29.82	PASS
7	5	20775	8	#Max	QPSK	-5MHz--1MHz	18.87	PASS
7	5	20775	8	#Max	QPSK	-6MHz--5MHz	24.45	PASS
7	5	20775	8	#Max	QPSK	-10MHz--6MHz	12.52	PASS
7	5	20775	8	#Max	QPSK	0MHz-1MHz	4.49	PASS
7	5	20775	8	#Max	QPSK	1MHz-5MHz	9.57	PASS
7	5	20775	8	#Max	QPSK	5MHz-6MHz	22.34	PASS
7	5	20775	8	#Max	QPSK	6MHz-10MHz	11.50	PASS
7	5	20775	25	#0	QPSK	-1MHz-0MHz	14.67	PASS
7	5	20775	25	#0	QPSK	-5MHz--1MHz	8.57	PASS
7	5	20775	25	#0	QPSK	-6MHz--5MHz	19.86	PASS
7	5	20775	25	#0	QPSK	-10MHz--6MHz	8.34	PASS
7	5	20775	25	#0	QPSK	0MHz-1MHz	14.37	PASS
7	5	20775	25	#0	QPSK	1MHz-5MHz	7.74	PASS
7	5	20775	25	#0	QPSK	5MHz-6MHz	18.56	PASS
7	5	20775	25	#0	QPSK	6MHz-10MHz	6.60	PASS
7	5	20775	8	#0	QAM16	-1MHz-0MHz	9.39	PASS
7	5	20775	8	#0	QAM16	-5MHz--1MHz	14.11	PASS
7	5	20775	8	#0	QAM16	-6MHz--5MHz	23.39	PASS
7	5	20775	8	#0	QAM16	-10MHz--6MHz	12.19	PASS
7	5	20775	8	#0	QAM16	0MHz-1MHz	29.84	PASS
7	5	20775	8	#0	QAM16	1MHz-5MHz	18.61	PASS
7	5	20775	8	#0	QAM16	5MHz-6MHz	24.64	PASS
7	5	20775	8	#0	QAM16	6MHz-10MHz	12.89	PASS
7	5	20775	8	#Max	QAM16	-1MHz-0MHz	30.73	PASS
7	5	20775	8	#Max	QAM16	-5MHz--1MHz	20.48	PASS
7	5	20775	8	#Max	QAM16	-6MHz--5MHz	24.68	PASS
7	5	20775	8	#Max	QAM16	-10MHz--6MHz	12.47	PASS
7	5	20775	8	#Max	QAM16	0MHz-1MHz	8.76	PASS

7	5	20775	8	#Max	QAM16	1MHz-5MHz	12.37	PASS
7	5	20775	8	#Max	QAM16	5MHz-6MHz	23.33	PASS
7	5	20775	8	#Max	QAM16	6MHz-10MHz	12.21	PASS
7	5	20775	25	#0	QAM16	-1MHz-0MHz	17.75	PASS
7	5	20775	25	#0	QAM16	-5MHz--1MHz	11.69	PASS
7	5	20775	25	#0	QAM16	-6MHz--5MHz	20.10	PASS
7	5	20775	25	#0	QAM16	-10MHz--6MHz	9.02	PASS
7	5	20775	25	#0	QAM16	0MHz-1MHz	16.89	PASS
7	5	20775	25	#0	QAM16	1MHz-5MHz	10.80	PASS
7	5	20775	25	#0	QAM16	5MHz-6MHz	18.44	PASS
7	5	20775	25	#0	QAM16	6MHz-10MHz	7.27	PASS
7	5	21100	8	#0	QPSK	-1MHz-0MHz	6.55	PASS
7	5	21100	8	#0	QPSK	-5MHz--1MHz	11.27	PASS
7	5	21100	8	#0	QPSK	-6MHz--5MHz	21.99	PASS
7	5	21100	8	#0	QPSK	-10MHz--6MHz	10.81	PASS
7	5	21100	8	#0	QPSK	0MHz-1MHz	28.40	PASS
7	5	21100	8	#0	QPSK	1MHz-5MHz	17.05	PASS
7	5	21100	8	#0	QPSK	5MHz-6MHz	24.58	PASS
7	5	21100	8	#0	QPSK	6MHz-10MHz	12.80	PASS
7	5	21100	8	#Max	QPSK	-1MHz-0MHz	28.15	PASS
7	5	21100	8	#Max	QPSK	-5MHz--1MHz	18.18	PASS
7	5	21100	8	#Max	QPSK	-6MHz--5MHz	24.35	PASS
7	5	21100	8	#Max	QPSK	-10MHz--6MHz	12.35	PASS
7	5	21100	8	#Max	QPSK	0MHz-1MHz	4.17	PASS
7	5	21100	8	#Max	QPSK	1MHz-5MHz	9.08	PASS
7	5	21100	8	#Max	QPSK	5MHz-6MHz	22.46	PASS
7	5	21100	8	#Max	QPSK	6MHz-10MHz	11.50	PASS
7	5	21100	25	#0	QPSK	-1MHz-0MHz	14.60	PASS
7	5	21100	25	#0	QPSK	-5MHz--1MHz	8.58	PASS
7	5	21100	25	#0	QPSK	-6MHz--5MHz	18.31	PASS
7	5	21100	25	#0	QPSK	-10MHz--6MHz	6.51	PASS
7	5	21100	25	#0	QPSK	0MHz-1MHz	13.84	PASS
7	5	21100	25	#0	QPSK	1MHz-5MHz	8.24	PASS
7	5	21100	25	#0	QPSK	5MHz-6MHz	18.00	PASS
7	5	21100	25	#0	QPSK	6MHz-10MHz	6.45	PASS
7	5	21100	8	#0	QAM16	-1MHz-0MHz	8.43	PASS
7	5	21100	8	#0	QAM16	-5MHz--1MHz	13.24	PASS
7	5	21100	8	#0	QAM16	-6MHz--5MHz	22.90	PASS
7	5	21100	8	#0	QAM16	-10MHz--6MHz	11.74	PASS
7	5	21100	8	#0	QAM16	0MHz-1MHz	29.80	PASS
7	5	21100	8	#0	QAM16	1MHz-5MHz	18.21	PASS
7	5	21100	8	#0	QAM16	5MHz-6MHz	24.72	PASS
7	5	21100	8	#0	QAM16	6MHz-10MHz	12.84	PASS

7	5	21100	8	#Max	QAM16	-1MHz-0MHz	31.25	PASS
7	5	21100	8	#Max	QAM16	-5MHz--1MHz	19.63	PASS
7	5	21100	8	#Max	QAM16	-6MHz--5MHz	24.54	PASS
7	5	21100	8	#Max	QAM16	-10MHz--6MHz	12.42	PASS
7	5	21100	8	#Max	QAM16	0MHz-1MHz	8.36	PASS
7	5	21100	8	#Max	QAM16	1MHz-5MHz	11.61	PASS
7	5	21100	8	#Max	QAM16	5MHz-6MHz	23.22	PASS
7	5	21100	8	#Max	QAM16	6MHz-10MHz	11.95	PASS
7	5	21100	25	#0	QAM16	-1MHz-0MHz	17.19	PASS
7	5	21100	25	#0	QAM16	-5MHz--1MHz	11.11	PASS
7	5	21100	25	#0	QAM16	-6MHz--5MHz	18.16	PASS
7	5	21100	25	#0	QAM16	-10MHz--6MHz	7.33	PASS
7	5	21100	25	#0	QAM16	0MHz-1MHz	15.95	PASS
7	5	21100	25	#0	QAM16	1MHz-5MHz	10.68	PASS
7	5	21100	25	#0	QAM16	5MHz-6MHz	17.74	PASS
7	5	21100	25	#0	QAM16	6MHz-10MHz	7.03	PASS
7	5	21425	8	#0	QPSK	-1MHz-0MHz	4.69	PASS
7	5	21425	8	#0	QPSK	-5MHz--1MHz	11.60	PASS
7	5	21425	8	#0	QPSK	-6MHz--5MHz	21.32	PASS
7	5	21425	8	#0	QPSK	-10MHz--6MHz	10.52	PASS
7	5	21425	8	#0	QPSK	0MHz-1MHz	27.17	PASS
7	5	21425	8	#0	QPSK	1MHz-5MHz	15.13	PASS
7	5	21425	8	#0	QPSK	5MHz-6MHz	24.27	PASS
7	5	21425	8	#0	QPSK	6MHz-10MHz	12.75	PASS
7	5	21425	8	#Max	QPSK	-1MHz-0MHz	26.72	PASS
7	5	21425	8	#Max	QPSK	-5MHz--1MHz	15.56	PASS
7	5	21425	8	#Max	QPSK	-6MHz--5MHz	24.00	PASS
7	5	21425	8	#Max	QPSK	-10MHz--6MHz	12.34	PASS
7	5	21425	8	#Max	QPSK	0MHz-1MHz	1.80	PASS
7	5	21425	8	#Max	QPSK	1MHz-5MHz	8.47	PASS
7	5	21425	8	#Max	QPSK	5MHz-6MHz	20.05	PASS
7	5	21425	8	#Max	QPSK	6MHz-10MHz	10.14	PASS
7	5	21425	25	#0	QPSK	-1MHz-0MHz	14.45	PASS
7	5	21425	25	#0	QPSK	-5MHz--1MHz	8.82	PASS
7	5	21425	25	#0	QPSK	-6MHz--5MHz	19.10	PASS
7	5	21425	25	#0	QPSK	-10MHz--6MHz	7.06	PASS
7	5	21425	25	#0	QPSK	0MHz-1MHz	13.07	PASS
7	5	21425	25	#0	QPSK	1MHz-5MHz	7.89	PASS
7	5	21425	25	#0	QPSK	5MHz-6MHz	19.56	PASS
7	5	21425	25	#0	QPSK	6MHz-10MHz	8.45	PASS
7	5	21425	8	#0	QAM16	-1MHz-0MHz	9.98	PASS
7	5	21425	8	#0	QAM16	-5MHz--1MHz	15.41	PASS
7	5	21425	8	#0	QAM16	-6MHz--5MHz	22.86	PASS



7	5	21425	8	#0	QAM16	-10MHz--6MHz	11.59	PASS
7	5	21425	8	#0	QAM16	0MHz-1MHz	29.04	PASS
7	5	21425	8	#0	QAM16	1MHz-5MHz	16.51	PASS
7	5	21425	8	#0	QAM16	5MHz-6MHz	24.59	PASS
7	5	21425	8	#0	QAM16	6MHz-10MHz	12.85	PASS
7	5	21425	8	#Max	QAM16	-1MHz-0MHz	29.91	PASS
7	5	21425	8	#Max	QAM16	-5MHz--1MHz	17.41	PASS
7	5	21425	8	#Max	QAM16	-6MHz--5MHz	24.37	PASS
7	5	21425	8	#Max	QAM16	-10MHz--6MHz	12.45	PASS
7	5	21425	8	#Max	QAM16	0MHz-1MHz	8.16	PASS
7	5	21425	8	#Max	QAM16	1MHz-5MHz	13.11	PASS
7	5	21425	8	#Max	QAM16	5MHz-6MHz	22.70	PASS
7	5	21425	8	#Max	QAM16	6MHz-10MHz	11.82	PASS
7	5	21425	25	#0	QAM16	-1MHz-0MHz	17.86	PASS
7	5	21425	25	#0	QAM16	-5MHz--1MHz	11.99	PASS
7	5	21425	25	#0	QAM16	-6MHz--5MHz	19.30	PASS
7	5	21425	25	#0	QAM16	-10MHz--6MHz	7.94	PASS
7	5	21425	25	#0	QAM16	0MHz-1MHz	15.83	PASS
7	5	21425	25	#0	QAM16	1MHz-5MHz	10.83	PASS
7	5	21425	25	#0	QAM16	5MHz-6MHz	19.66	PASS
7	5	21425	25	#0	QAM16	6MHz-10MHz	8.78	PASS
7	10	20800	12	#0	QPSK	-1MHz-0MHz	4.54	PASS
7	10	20800	12	#0	QPSK	-5MHz--1MHz	8.69	PASS
7	10	20800	12	#0	QPSK	-10MHz--5MHz	22.24	PASS
7	10	20800	12	#0	QPSK	-15MHz--10MHz	10.78	PASS
7	10	20800	12	#0	QPSK	0MHz-1MHz	31.46	PASS
7	10	20800	12	#0	QPSK	1MHz-5MHz	20.17	PASS
7	10	20800	12	#0	QPSK	5MHz-10MHz	16.57	PASS
7	10	20800	12	#0	QPSK	10MHz-15MHz	12.84	PASS
7	10	20800	12	#Max	QPSK	-1MHz-0MHz	31.54	PASS
7	10	20800	12	#Max	QPSK	-5MHz--1MHz	21.66	PASS
7	10	20800	12	#Max	QPSK	-10MHz--5MHz	18.47	PASS
7	10	20800	12	#Max	QPSK	-15MHz--10MHz	11.12	PASS
7	10	20800	12	#Max	QPSK	0MHz-1MHz	4.57	PASS
7	10	20800	12	#Max	QPSK	1MHz-5MHz	8.15	PASS
7	10	20800	12	#Max	QPSK	5MHz-10MHz	21.98	PASS
7	10	20800	12	#Max	QPSK	10MHz-15MHz	12.06	PASS
7	10	20800	50	#0	QPSK	-1MHz-0MHz	14.29	PASS
7	10	20800	50	#0	QPSK	-5MHz--1MHz	10.25	PASS
7	10	20800	50	#0	QPSK	-10MHz--5MHz	12.71	PASS
7	10	20800	50	#0	QPSK	-15MHz--10MHz	9.91	PASS
7	10	20800	50	#0	QPSK	0MHz-1MHz	14.18	PASS
7	10	20800	50	#0	QPSK	1MHz-5MHz	10.23	PASS



7	10	20800	50	#0	QPSK	5MHz-10MHz	12.27	PASS
7	10	20800	50	#0	QPSK	10MHz-15MHz	9.10	PASS
7	10	20800	12	#0	QAM16	-1MHz-0MHz	7.84	PASS
7	10	20800	12	#0	QAM16	-5MHz--1MHz	11.88	PASS
7	10	20800	12	#0	QAM16	-10MHz--5MHz	22.79	PASS
7	10	20800	12	#0	QAM16	-15MHz--10MHz	11.14	PASS
7	10	20800	12	#0	QAM16	0MHz-1MHz	31.84	PASS
7	10	20800	12	#0	QAM16	1MHz-5MHz	21.39	PASS
7	10	20800	12	#0	QAM16	5MHz-10MHz	17.96	PASS
7	10	20800	12	#0	QAM16	10MHz-15MHz	12.87	PASS
7	10	20800	12	#Max	QAM16	-1MHz-0MHz	32.34	PASS
7	10	20800	12	#Max	QAM16	-5MHz--1MHz	22.89	PASS
7	10	20800	12	#Max	QAM16	-10MHz--5MHz	19.77	PASS
7	10	20800	12	#Max	QAM16	-15MHz--10MHz	11.25	PASS
7	10	20800	12	#Max	QAM16	0MHz-1MHz	7.19	PASS
7	10	20800	12	#Max	QAM16	1MHz-5MHz	11.24	PASS
7	10	20800	12	#Max	QAM16	5MHz-10MHz	22.33	PASS
7	10	20800	12	#Max	QAM16	10MHz-15MHz	12.44	PASS
7	10	20800	50	#0	QAM16	-1MHz-0MHz	17.04	PASS
7	10	20800	50	#0	QAM16	-5MHz--1MHz	13.13	PASS
7	10	20800	50	#0	QAM16	-10MHz--5MHz	15.23	PASS
7	10	20800	50	#0	QAM16	-15MHz--10MHz	9.73	PASS
7	10	20800	50	#0	QAM16	0MHz-1MHz	17.13	PASS
7	10	20800	50	#0	QAM16	1MHz-5MHz	12.77	PASS
7	10	20800	50	#0	QAM16	5MHz-10MHz	14.54	PASS
7	10	20800	50	#0	QAM16	10MHz-15MHz	8.30	PASS
7	10	21100	12	#0	QPSK	-1MHz-0MHz	6.69	PASS
7	10	21100	12	#0	QPSK	-5MHz--1MHz	9.44	PASS
7	10	21100	12	#0	QPSK	-10MHz--5MHz	21.59	PASS
7	10	21100	12	#0	QPSK	-15MHz--10MHz	10.36	PASS
7	10	21100	12	#0	QPSK	0MHz-1MHz	31.11	PASS
7	10	21100	12	#0	QPSK	1MHz-5MHz	19.23	PASS
7	10	21100	12	#0	QPSK	5MHz-10MHz	15.74	PASS
7	10	21100	12	#0	QPSK	10MHz-15MHz	12.87	PASS
7	10	21100	12	#Max	QPSK	-1MHz-0MHz	31.70	PASS
7	10	21100	12	#Max	QPSK	-5MHz--1MHz	20.95	PASS
7	10	21100	12	#Max	QPSK	-10MHz--5MHz	17.61	PASS
7	10	21100	12	#Max	QPSK	-15MHz--10MHz	11.38	PASS
7	10	21100	12	#Max	QPSK	0MHz-1MHz	2.96	PASS
7	10	21100	12	#Max	QPSK	1MHz-5MHz	6.51	PASS
7	10	21100	12	#Max	QPSK	5MHz-10MHz	21.20	PASS
7	10	21100	12	#Max	QPSK	10MHz-15MHz	11.86	PASS
7	10	21100	50	#0	QPSK	-1MHz-0MHz	14.14	PASS

7	10	21100	50	#0	QPSK	-5MHz--1MHz	9.95	PASS
7	10	21100	50	#0	QPSK	-10MHz--5MHz	11.87	PASS
7	10	21100	50	#0	QPSK	-15MHz--10MHz	7.83	PASS
7	10	21100	50	#0	QPSK	0MHz-1MHz	14.08	PASS
7	10	21100	50	#0	QPSK	1MHz-5MHz	10.07	PASS
7	10	21100	50	#0	QPSK	5MHz-10MHz	11.54	PASS
7	10	21100	50	#0	QPSK	10MHz-15MHz	9.35	PASS
7	10	21100	12	#0	QAM16	-1MHz-0MHz	9.50	PASS
7	10	21100	12	#0	QAM16	-5MHz--1MHz	12.87	PASS
7	10	21100	12	#0	QAM16	-10MHz--5MHz	22.09	PASS
7	10	21100	12	#0	QAM16	-15MHz--10MHz	10.99	PASS
7	10	21100	12	#0	QAM16	0MHz-1MHz	31.71	PASS
7	10	21100	12	#0	QAM16	1MHz-5MHz	20.27	PASS
7	10	21100	12	#0	QAM16	5MHz-10MHz	17.09	PASS
7	10	21100	12	#0	QAM16	10MHz-15MHz	12.93	PASS
7	10	21100	12	#Max	QAM16	-1MHz-0MHz	32.34	PASS
7	10	21100	12	#Max	QAM16	-5MHz--1MHz	22.17	PASS
7	10	21100	12	#Max	QAM16	-10MHz--5MHz	18.71	PASS
7	10	21100	12	#Max	QAM16	-15MHz--10MHz	11.30	PASS
7	10	21100	12	#Max	QAM16	0MHz-1MHz	6.84	PASS
7	10	21100	12	#Max	QAM16	1MHz-5MHz	9.61	PASS
7	10	21100	12	#Max	QAM16	5MHz-10MHz	22.08	PASS
7	10	21100	12	#Max	QAM16	10MHz-15MHz	12.45	PASS
7	10	21100	50	#0	QAM16	-1MHz-0MHz	17.34	PASS
7	10	21100	50	#0	QAM16	-5MHz--1MHz	12.61	PASS
7	10	21100	50	#0	QAM16	-10MHz--5MHz	13.94	PASS
7	10	21100	50	#0	QAM16	-15MHz--10MHz	7.91	PASS
7	10	21100	50	#0	QAM16	0MHz-1MHz	16.41	PASS
7	10	21100	50	#0	QAM16	1MHz-5MHz	12.39	PASS
7	10	21100	50	#0	QAM16	5MHz-10MHz	13.96	PASS
7	10	21100	50	#0	QAM16	10MHz-15MHz	9.24	PASS
7	10	21400	12	#0	QPSK	-1MHz-0MHz	6.19	PASS
7	10	21400	12	#0	QPSK	-5MHz--1MHz	10.22	PASS
7	10	21400	12	#0	QPSK	-10MHz--5MHz	21.59	PASS
7	10	21400	12	#0	QPSK	-15MHz--10MHz	9.81	PASS
7	10	21400	12	#0	QPSK	0MHz-1MHz	32.01	PASS
7	10	21400	12	#0	QPSK	1MHz-5MHz	17.34	PASS
7	10	21400	12	#0	QPSK	5MHz-10MHz	13.81	PASS
7	10	21400	12	#0	QPSK	10MHz-15MHz	12.95	PASS
7	10	21400	12	#Max	QPSK	-1MHz-0MHz	31.55	PASS
7	10	21400	12	#Max	QPSK	-5MHz--1MHz	17.61	PASS
7	10	21400	12	#Max	QPSK	-10MHz--5MHz	14.22	PASS
7	10	21400	12	#Max	QPSK	-15MHz--10MHz	11.46	PASS

7	10	21400	12	#Max	QPSK	0MHz-1MHz	3.47	PASS
7	10	21400	12	#Max	QPSK	1MHz-5MHz	6.79	PASS
7	10	21400	12	#Max	QPSK	5MHz-10MHz	21.33	PASS
7	10	21400	12	#Max	QPSK	10MHz-15MHz	10.46	PASS
7	10	21400	50	#0	QPSK	-1MHz-0MHz	16.05	PASS
7	10	21400	50	#0	QPSK	-5MHz--1MHz	11.51	PASS
7	10	21400	50	#0	QPSK	-10MHz--5MHz	12.95	PASS
7	10	21400	50	#0	QPSK	-15MHz--10MHz	8.05	PASS
7	10	21400	50	#0	QPSK	0MHz-1MHz	15.09	PASS
7	10	21400	50	#0	QPSK	1MHz-5MHz	10.96	PASS
7	10	21400	50	#0	QPSK	5MHz-10MHz	11.82	PASS
7	10	21400	50	#0	QPSK	10MHz-15MHz	10.29	PASS
7	10	21400	12	#0	QAM16	-1MHz-0MHz	9.61	PASS
7	10	21400	12	#0	QAM16	-5MHz--1MHz	13.36	PASS
7	10	21400	12	#0	QAM16	-10MHz--5MHz	22.32	PASS
7	10	21400	12	#0	QAM16	-15MHz--10MHz	10.66	PASS
7	10	21400	12	#0	QAM16	0MHz-1MHz	32.26	PASS
7	10	21400	12	#0	QAM16	1MHz-5MHz	18.51	PASS
7	10	21400	12	#0	QAM16	5MHz-10MHz	15.28	PASS
7	10	21400	12	#0	QAM16	10MHz-15MHz	13.02	PASS
7	10	21400	12	#Max	QAM16	-1MHz-0MHz	32.03	PASS
7	10	21400	12	#Max	QAM16	-5MHz--1MHz	19.00	PASS
7	10	21400	12	#Max	QAM16	-10MHz--5MHz	15.39	PASS
7	10	21400	12	#Max	QAM16	-15MHz--10MHz	11.45	PASS
7	10	21400	12	#Max	QAM16	0MHz-1MHz	8.06	PASS
7	10	21400	12	#Max	QAM16	1MHz-5MHz	11.12	PASS
7	10	21400	12	#Max	QAM16	5MHz-10MHz	22.08	PASS
7	10	21400	12	#Max	QAM16	10MHz-15MHz	11.78	PASS
7	10	21400	50	#0	QAM16	-1MHz-0MHz	18.62	PASS
7	10	21400	50	#0	QAM16	-5MHz--1MHz	13.76	PASS
7	10	21400	50	#0	QAM16	-10MHz--5MHz	15.00	PASS
7	10	21400	50	#0	QAM16	-15MHz--10MHz	8.06	PASS
7	10	21400	50	#0	QAM16	0MHz-1MHz	16.39	PASS
7	10	21400	50	#0	QAM16	1MHz-5MHz	13.40	PASS
7	10	21400	50	#0	QAM16	5MHz-10MHz	14.47	PASS
7	10	21400	50	#0	QAM16	10MHz-15MHz	10.48	PASS
7	20	20850	18	#0	QPSK	-1MHz-0MHz	4.95	PASS
7	20	20850	18	#0	QPSK	-5MHz--1MHz	8.34	PASS
7	20	20850	18	#0	QPSK	-20MHz--5MHz	21.20	PASS
7	20	20850	18	#0	QPSK	-25MHz--20MHz	12.75	PASS
7	20	20850	18	#0	QPSK	0MHz-1MHz	29.96	PASS
7	20	20850	18	#0	QPSK	1MHz-5MHz	26.94	PASS
7	20	20850	18	#0	QPSK	5MHz-20MHz	18.16	PASS

7	20	20850	18	#0	QPSK	20MHz-25MHz	12.92	PASS
7	20	20850	18	#Max	QPSK	-1MHz-0MHz	29.91	PASS
7	20	20850	18	#Max	QPSK	-5MHz--1MHz	26.68	PASS
7	20	20850	18	#Max	QPSK	-20MHz--5MHz	20.13	PASS
7	20	20850	18	#Max	QPSK	-25MHz--20MHz	12.86	PASS
7	20	20850	18	#Max	QPSK	0MHz-1MHz	6.72	PASS
7	20	20850	18	#Max	QPSK	1MHz-5MHz	9.98	PASS
7	20	20850	18	#Max	QPSK	5MHz-20MHz	21.11	PASS
7	20	20850	18	#Max	QPSK	20MHz-25MHz	12.79	PASS
7	20	20850	100	#0	QPSK	-1MHz-0MHz	14.10	PASS
7	20	20850	100	#0	QPSK	-5MHz--1MHz	13.20	PASS
7	20	20850	100	#0	QPSK	-20MHz--5MHz	13.26	PASS
7	20	20850	100	#0	QPSK	-25MHz--20MHz	12.66	PASS
7	20	20850	100	#0	QPSK	0MHz-1MHz	16.23	PASS
7	20	20850	100	#0	QPSK	1MHz-5MHz	14.65	PASS
7	20	20850	100	#0	QPSK	5MHz-20MHz	13.87	PASS
7	20	20850	100	#0	QPSK	20MHz-25MHz	10.29	PASS
7	20	20850	18	#0	QAM16	-1MHz-0MHz	7.72	PASS
7	20	20850	18	#0	QAM16	-5MHz--1MHz	11.29	PASS
7	20	20850	18	#0	QAM16	-20MHz--5MHz	21.56	PASS
7	20	20850	18	#0	QAM16	-25MHz--20MHz	12.76	PASS
7	20	20850	18	#0	QAM16	0MHz-1MHz	30.61	PASS
7	20	20850	18	#0	QAM16	1MHz-5MHz	27.19	PASS
7	20	20850	18	#0	QAM16	5MHz-20MHz	19.24	PASS
7	20	20850	18	#0	QAM16	20MHz-25MHz	13.03	PASS
7	20	20850	18	#Max	QAM16	-1MHz-0MHz	29.96	PASS
7	20	20850	18	#Max	QAM16	-5MHz--1MHz	26.75	PASS
7	20	20850	18	#Max	QAM16	-20MHz--5MHz	21.30	PASS
7	20	20850	18	#Max	QAM16	-25MHz--20MHz	12.84	PASS
7	20	20850	18	#Max	QAM16	0MHz-1MHz	10.10	PASS
7	20	20850	18	#Max	QAM16	1MHz-5MHz	12.87	PASS
7	20	20850	18	#Max	QAM16	5MHz-20MHz	21.66	PASS
7	20	20850	18	#Max	QAM16	20MHz-25MHz	12.91	PASS
7	20	20850	100	#0	QAM16	-1MHz-0MHz	17.88	PASS
7	20	20850	100	#0	QAM16	-5MHz--1MHz	16.38	PASS
7	20	20850	100	#0	QAM16	-20MHz--5MHz	15.54	PASS
7	20	20850	100	#0	QAM16	-25MHz--20MHz	12.68	PASS
7	20	20850	100	#0	QAM16	0MHz-1MHz	19.77	PASS
7	20	20850	100	#0	QAM16	1MHz-5MHz	17.70	PASS
7	20	20850	100	#0	QAM16	5MHz-20MHz	15.75	PASS
7	20	20850	100	#0	QAM16	20MHz-25MHz	9.82	PASS
7	20	21100	18	#0	QPSK	-1MHz-0MHz	7.26	PASS
7	20	21100	18	#0	QPSK	-5MHz--1MHz	10.38	PASS

7	20	21100	18	#0	QPSK	-20MHz--5MHz	20.76	PASS
7	20	21100	18	#0	QPSK	-25MHz--20MHz	12.25	PASS
7	20	21100	18	#0	QPSK	0MHz-1MHz	29.71	PASS
7	20	21100	18	#0	QPSK	1MHz-5MHz	26.86	PASS
7	20	21100	18	#0	QPSK	5MHz-20MHz	17.62	PASS
7	20	21100	18	#0	QPSK	20MHz-25MHz	13.13	PASS
7	20	21100	18	#Max	QPSK	-1MHz-0MHz	30.06	PASS
7	20	21100	18	#Max	QPSK	-5MHz--1MHz	26.71	PASS
7	20	21100	18	#Max	QPSK	-20MHz--5MHz	19.31	PASS
7	20	21100	18	#Max	QPSK	-25MHz--20MHz	12.94	PASS
7	20	21100	18	#Max	QPSK	0MHz-1MHz	3.33	PASS
7	20	21100	18	#Max	QPSK	1MHz-5MHz	5.57	PASS
7	20	21100	18	#Max	QPSK	5MHz-20MHz	18.75	PASS
7	20	21100	18	#Max	QPSK	20MHz-25MHz	12.64	PASS
7	20	21100	100	#0	QPSK	-1MHz-0MHz	12.32	PASS
7	20	21100	100	#0	QPSK	-5MHz--1MHz	11.78	PASS
7	20	21100	100	#0	QPSK	-20MHz--5MHz	10.90	PASS
7	20	21100	100	#0	QPSK	-25MHz--20MHz	9.17	PASS
7	20	21100	100	#0	QPSK	0MHz-1MHz	14.82	PASS
7	20	21100	100	#0	QPSK	1MHz-5MHz	13.36	PASS
7	20	21100	100	#0	QPSK	5MHz-20MHz	12.50	PASS
7	20	21100	100	#0	QPSK	20MHz-25MHz	11.29	PASS
7	20	21100	18	#0	QAM16	-1MHz-0MHz	10.54	PASS
7	20	21100	18	#0	QAM16	-5MHz--1MHz	13.23	PASS
7	20	21100	18	#0	QAM16	-20MHz--5MHz	20.89	PASS
7	20	21100	18	#0	QAM16	-25MHz--20MHz	12.56	PASS
7	20	21100	18	#0	QAM16	0MHz-1MHz	30.28	PASS
7	20	21100	18	#0	QAM16	1MHz-5MHz	27.03	PASS
7	20	21100	18	#0	QAM16	5MHz-20MHz	19.09	PASS
7	20	21100	18	#0	QAM16	20MHz-25MHz	13.05	PASS
7	20	21100	18	#Max	QAM16	-1MHz-0MHz	30.41	PASS
7	20	21100	18	#Max	QAM16	-5MHz--1MHz	26.82	PASS
7	20	21100	18	#Max	QAM16	-20MHz--5MHz	20.50	PASS
7	20	21100	18	#Max	QAM16	-25MHz--20MHz	12.86	PASS
7	20	21100	18	#Max	QAM16	0MHz-1MHz	6.51	PASS
7	20	21100	18	#Max	QAM16	1MHz-5MHz	9.16	PASS
7	20	21100	18	#Max	QAM16	5MHz-20MHz	20.28	PASS
7	20	21100	18	#Max	QAM16	20MHz-25MHz	12.87	PASS
7	20	21100	100	#0	QAM16	-1MHz-0MHz	16.50	PASS
7	20	21100	100	#0	QAM16	-5MHz--1MHz	14.71	PASS
7	20	21100	100	#0	QAM16	-20MHz--5MHz	13.60	PASS
7	20	21100	100	#0	QAM16	-25MHz--20MHz	8.86	PASS
7	20	21100	100	#0	QAM16	0MHz-1MHz	17.90	PASS

7	20	21100	100	#0	QAM16	1MHz-5MHz	15.57	PASS
7	20	21100	100	#0	QAM16	5MHz-20MHz	14.74	PASS
7	20	21100	100	#0	QAM16	20MHz-25MHz	11.12	PASS
7	20	21350	18	#0	QPSK	-1MHz-0MHz	3.78	PASS
7	20	21350	18	#0	QPSK	-5MHz--1MHz	6.35	PASS
7	20	21350	18	#0	QPSK	-20MHz--5MHz	19.00	PASS
7	20	21350	18	#0	QPSK	-25MHz--20MHz	11.61	PASS
7	20	21350	18	#0	QPSK	0MHz-1MHz	30.31	PASS
7	20	21350	18	#0	QPSK	1MHz-5MHz	27.19	PASS
7	20	21350	18	#0	QPSK	5MHz-20MHz	18.76	PASS
7	20	21350	18	#0	QPSK	20MHz-25MHz	13.22	PASS
7	20	21350	18	#Max	QPSK	-1MHz-0MHz	29.44	PASS
7	20	21350	18	#Max	QPSK	-5MHz--1MHz	26.42	PASS
7	20	21350	18	#Max	QPSK	-20MHz--5MHz	13.60	PASS
7	20	21350	18	#Max	QPSK	-25MHz--20MHz	12.92	PASS
7	20	21350	18	#Max	QPSK	0MHz-1MHz	4.46	PASS
7	20	21350	18	#Max	QPSK	1MHz-5MHz	6.91	PASS
7	20	21350	18	#Max	QPSK	5MHz-20MHz	20.37	PASS
7	20	21350	18	#Max	QPSK	20MHz-25MHz	13.07	PASS
7	20	21350	100	#0	QPSK	-1MHz-0MHz	13.71	PASS
7	20	21350	100	#0	QPSK	-5MHz--1MHz	11.79	PASS
7	20	21350	100	#0	QPSK	-20MHz--5MHz	10.15	PASS
7	20	21350	100	#0	QPSK	-25MHz--20MHz	9.37	PASS
7	20	21350	100	#0	QPSK	0MHz-1MHz	14.05	PASS
7	20	21350	100	#0	QPSK	1MHz-5MHz	12.48	PASS
7	20	21350	100	#0	QPSK	5MHz-20MHz	11.33	PASS
7	20	21350	100	#0	QPSK	20MHz-25MHz	13.08	PASS
7	20	21350	18	#0	QAM16	-1MHz-0MHz	5.36	PASS
7	20	21350	18	#0	QAM16	-5MHz--1MHz	9.38	PASS
7	20	21350	18	#0	QAM16	-20MHz--5MHz	19.68	PASS
7	20	21350	18	#0	QAM16	-25MHz--20MHz	12.17	PASS
7	20	21350	18	#0	QAM16	0MHz-1MHz	30.33	PASS
7	20	21350	18	#0	QAM16	1MHz-5MHz	27.40	PASS
7	20	21350	18	#0	QAM16	5MHz-20MHz	19.75	PASS
7	20	21350	18	#0	QAM16	20MHz-25MHz	13.22	PASS
7	20	21350	18	#Max	QAM16	-1MHz-0MHz	30.02	PASS
7	20	21350	18	#Max	QAM16	-5MHz--1MHz	26.68	PASS
7	20	21350	18	#Max	QAM16	-20MHz--5MHz	15.23	PASS
7	20	21350	18	#Max	QAM16	-25MHz--20MHz	12.87	PASS
7	20	21350	18	#Max	QAM16	0MHz-1MHz	8.42	PASS
7	20	21350	18	#Max	QAM16	1MHz-5MHz	11.48	PASS
7	20	21350	18	#Max	QAM16	5MHz-20MHz	21.25	PASS
7	20	21350	18	#Max	QAM16	20MHz-25MHz	13.04	PASS

7	20	21350	100	#0	QAM16	-1MHz-0MHz	16.71	PASS
7	20	21350	100	#0	QAM16	-5MHz--1MHz	14.95	PASS
7	20	21350	100	#0	QAM16	-20MHz--5MHz	12.85	PASS
7	20	21350	100	#0	QAM16	-25MHz--20MHz	9.42	PASS
7	20	21350	100	#0	QAM16	0MHz-1MHz	17.64	PASS
7	20	21350	100	#0	QAM16	1MHz-5MHz	16.10	PASS
7	20	21350	100	#0	QAM16	5MHz-20MHz	14.61	PASS
7	20	21350	100	#0	QAM16	20MHz-25MHz	13.01	PASS
8	1.4	21457	5	#0	QPSK	-1MHz-0MHz	10.08	PASS
8	1.4	21457	5	#0	QPSK	-2.5MHz--1MHz	20.83	PASS
8	1.4	21457	5	#0	QPSK	-3.5MHz--2.5MHz	10.93	PASS
8	1.4	21457	5	#0	QPSK	0MHz-1MHz	12.22	PASS
8	1.4	21457	5	#0	QPSK	1MHz-2.5MHz	22.38	PASS
8	1.4	21457	5	#0	QPSK	2.5MHz-3.5MHz	11.44	PASS
8	1.4	21457	5	#Max	QPSK	-1MHz-0MHz	11.11	PASS
8	1.4	21457	5	#Max	QPSK	-2.5MHz--1MHz	22.01	PASS
8	1.4	21457	5	#Max	QPSK	-3.5MHz--2.5MHz	11.01	PASS
8	1.4	21457	5	#Max	QPSK	0MHz-1MHz	10.73	PASS
8	1.4	21457	5	#Max	QPSK	1MHz-2.5MHz	21.61	PASS
8	1.4	21457	5	#Max	QPSK	2.5MHz-3.5MHz	11.29	PASS
8	1.4	21457	6	#0	QPSK	-1MHz-0MHz	17.14	PASS
8	1.4	21457	6	#0	QPSK	-2.5MHz--1MHz	21.69	PASS
8	1.4	21457	6	#0	QPSK	-3.5MHz--2.5MHz	11.09	PASS
8	1.4	21457	6	#0	QPSK	0MHz-1MHz	16.95	PASS
8	1.4	21457	6	#0	QPSK	1MHz-2.5MHz	21.89	PASS
8	1.4	21457	6	#0	QPSK	2.5MHz-3.5MHz	11.40	PASS
8	1.4	21457	5	#0	QAM16	-1MHz-0MHz	14.83	PASS
8	1.4	21457	5	#0	QAM16	-2.5MHz--1MHz	22.98	PASS
8	1.4	21457	5	#0	QAM16	-3.5MHz--2.5MHz	11.27	PASS
8	1.4	21457	5	#0	QAM16	0MHz-1MHz	17.43	PASS
8	1.4	21457	5	#0	QAM16	1MHz-2.5MHz	24.39	PASS
8	1.4	21457	5	#0	QAM16	2.5MHz-3.5MHz	11.54	PASS
8	1.4	21457	5	#Max	QAM16	-1MHz-0MHz	16.05	PASS
8	1.4	21457	5	#Max	QAM16	-2.5MHz--1MHz	24.08	PASS
8	1.4	21457	5	#Max	QAM16	-3.5MHz--2.5MHz	11.27	PASS
8	1.4	21457	5	#Max	QAM16	0MHz-1MHz	15.23	PASS
8	1.4	21457	5	#Max	QAM16	1MHz-2.5MHz	23.24	PASS
8	1.4	21457	5	#Max	QAM16	2.5MHz-3.5MHz	11.57	PASS
8	1.4	21457	6	#0	QAM16	-1MHz-0MHz	17.83	PASS
8	1.4	21457	6	#0	QAM16	-2.5MHz--1MHz	22.57	PASS
8	1.4	21457	6	#0	QAM16	-3.5MHz--2.5MHz	11.24	PASS
8	1.4	21457	6	#0	QAM16	0MHz-1MHz	21.01	PASS
8	1.4	21457	6	#0	QAM16	1MHz-2.5MHz	22.83	PASS

8	1.4	21457	6	#0	QAM16	2.5MHz-3.5MHz	11.62	PASS
8	1.4	21625	5	#0	QPSK	-1MHz-0MHz	16.11	PASS
8	1.4	21625	5	#0	QPSK	-2.5MHz--1MHz	21.73	PASS
8	1.4	21625	5	#0	QPSK	-3.5MHz--2.5MHz	10.71	PASS
8	1.4	21625	5	#0	QPSK	0MHz-1MHz	17.32	PASS
8	1.4	21625	5	#0	QPSK	1MHz-2.5MHz	23.81	PASS
8	1.4	21625	5	#0	QPSK	2.5MHz-3.5MHz	11.28	PASS
8	1.4	21625	5	#Max	QPSK	-1MHz-0MHz	18.58	PASS
8	1.4	21625	5	#Max	QPSK	-2.5MHz--1MHz	22.70	PASS
8	1.4	21625	5	#Max	QPSK	-3.5MHz--2.5MHz	10.93	PASS
8	1.4	21625	5	#Max	QPSK	0MHz-1MHz	14.37	PASS
8	1.4	21625	5	#Max	QPSK	1MHz-2.5MHz	22.95	PASS
8	1.4	21625	5	#Max	QPSK	2.5MHz-3.5MHz	11.44	PASS
8	1.4	21625	6	#0	QPSK	-1MHz-0MHz	21.64	PASS
8	1.4	21625	6	#0	QPSK	-2.5MHz--1MHz	22.04	PASS
8	1.4	21625	6	#0	QPSK	-3.5MHz--2.5MHz	10.75	PASS
8	1.4	21625	6	#0	QPSK	0MHz-1MHz	22.47	PASS
8	1.4	21625	6	#0	QPSK	1MHz-2.5MHz	23.31	PASS
8	1.4	21625	6	#0	QPSK	2.5MHz-3.5MHz	11.25	PASS
8	1.4	21625	5	#0	QAM16	-1MHz-0MHz	20.24	PASS
8	1.4	21625	5	#0	QAM16	-2.5MHz--1MHz	22.49	PASS
8	1.4	21625	5	#0	QAM16	-3.5MHz--2.5MHz	11.14	PASS
8	1.4	21625	5	#0	QAM16	0MHz-1MHz	21.29	PASS
8	1.4	21625	5	#0	QAM16	1MHz-2.5MHz	24.01	PASS
8	1.4	21625	5	#0	QAM16	2.5MHz-3.5MHz	11.61	PASS
8	1.4	21625	5	#Max	QAM16	-1MHz-0MHz	20.95	PASS
8	1.4	21625	5	#Max	QAM16	-2.5MHz--1MHz	23.17	PASS
8	1.4	21625	5	#Max	QAM16	-3.5MHz--2.5MHz	11.21	PASS
8	1.4	21625	5	#Max	QAM16	0MHz-1MHz	19.58	PASS
8	1.4	21625	5	#Max	QAM16	1MHz-2.5MHz	23.57	PASS
8	1.4	21625	5	#Max	QAM16	2.5MHz-3.5MHz	11.48	PASS
8	1.4	21625	6	#0	QAM16	-1MHz-0MHz	23.63	PASS
8	1.4	21625	6	#0	QAM16	-2.5MHz--1MHz	22.17	PASS
8	1.4	21625	6	#0	QAM16	-3.5MHz--2.5MHz	10.98	PASS
8	1.4	21625	6	#0	QAM16	0MHz-1MHz	25.82	PASS
8	1.4	21625	6	#0	QAM16	1MHz-2.5MHz	23.00	PASS
8	1.4	21625	6	#0	QAM16	2.5MHz-3.5MHz	11.38	PASS
8	1.4	21793	5	#0	QPSK	-1MHz-0MHz	10.88	PASS
8	1.4	21793	5	#0	QPSK	-2.5MHz--1MHz	21.85	PASS
8	1.4	21793	5	#0	QPSK	-3.5MHz--2.5MHz	10.83	PASS
8	1.4	21793	5	#0	QPSK	0MHz-1MHz	13.24	PASS
8	1.4	21793	5	#0	QPSK	1MHz-2.5MHz	23.94	PASS
8	1.4	21793	5	#0	QPSK	2.5MHz-3.5MHz	12.62	PASS



8	1.4	21793	5	#Max	QPSK	-1MHz-0MHz	11.71	PASS
8	1.4	21793	5	#Max	QPSK	-2.5MHz--1MHz	22.51	PASS
8	1.4	21793	5	#Max	QPSK	-3.5MHz--2.5MHz	10.86	PASS
8	1.4	21793	5	#Max	QPSK	0MHz-1MHz	12.42	PASS
8	1.4	21793	5	#Max	QPSK	1MHz-2.5MHz	22.20	PASS
8	1.4	21793	5	#Max	QPSK	2.5MHz-3.5MHz	12.58	PASS
8	1.4	21793	6	#0	QPSK	-1MHz-0MHz	15.24	PASS
8	1.4	21793	6	#0	QPSK	-2.5MHz--1MHz	22.13	PASS
8	1.4	21793	6	#0	QPSK	-3.5MHz--2.5MHz	11.04	PASS
8	1.4	21793	6	#0	QPSK	0MHz-1MHz	17.59	PASS
8	1.4	21793	6	#0	QPSK	1MHz-2.5MHz	23.02	PASS
8	1.4	21793	6	#0	QPSK	2.5MHz-3.5MHz	12.64	PASS
8	1.4	21793	5	#0	QAM16	-1MHz-0MHz	12.09	PASS
8	1.4	21793	5	#0	QAM16	-2.5MHz--1MHz	23.00	PASS
8	1.4	21793	5	#0	QAM16	-3.5MHz--2.5MHz	11.01	PASS
8	1.4	21793	5	#0	QAM16	0MHz-1MHz	17.22	PASS
8	1.4	21793	5	#0	QAM16	1MHz-2.5MHz	24.52	PASS
8	1.4	21793	5	#0	QAM16	2.5MHz-3.5MHz	12.64	PASS
8	1.4	21793	5	#Max	QAM16	-1MHz-0MHz	15.06	PASS
8	1.4	21793	5	#Max	QAM16	-2.5MHz--1MHz	23.59	PASS
8	1.4	21793	5	#Max	QAM16	-3.5MHz--2.5MHz	11.00	PASS
8	1.4	21793	5	#Max	QAM16	0MHz-1MHz	14.33	PASS
8	1.4	21793	5	#Max	QAM16	1MHz-2.5MHz	23.49	PASS
8	1.4	21793	5	#Max	QAM16	2.5MHz-3.5MHz	12.72	PASS
8	1.4	21793	6	#0	QAM16	-1MHz-0MHz	20.34	PASS
8	1.4	21793	6	#0	QAM16	-2.5MHz--1MHz	24.05	PASS
8	1.4	21793	6	#0	QAM16	-3.5MHz--2.5MHz	11.18	PASS
8	1.4	21793	6	#0	QAM16	0MHz-1MHz	21.14	PASS
8	1.4	21793	6	#0	QAM16	1MHz-2.5MHz	24.74	PASS
8	1.4	21793	6	#0	QAM16	2.5MHz-3.5MHz	12.61	PASS
8	5	21475	8	#0	QPSK	-1MHz-0MHz	4.77	PASS
8	5	21475	8	#0	QPSK	-5MHz--1MHz	13.56	PASS
8	5	21475	8	#0	QPSK	-6MHz--5MHz	23.78	PASS
8	5	21475	8	#0	QPSK	-10MHz--6MHz	12.19	PASS
8	5	21475	8	#0	QPSK	0MHz-1MHz	33.17	PASS
8	5	21475	8	#0	QPSK	1MHz-5MHz	22.16	PASS
8	5	21475	8	#0	QPSK	5MHz-6MHz	24.42	PASS
8	5	21475	8	#0	QPSK	6MHz-10MHz	12.47	PASS
8	5	21475	8	#Max	QPSK	-1MHz-0MHz	32.05	PASS
8	5	21475	8	#Max	QPSK	-5MHz--1MHz	20.86	PASS
8	5	21475	8	#Max	QPSK	-6MHz--5MHz	24.35	PASS
8	5	21475	8	#Max	QPSK	-10MHz--6MHz	12.07	PASS
8	5	21475	8	#Max	QPSK	0MHz-1MHz	6.12	PASS

8	5	21475	8	#Max	QPSK	1MHz-5MHz	16.37	PASS
8	5	21475	8	#Max	QPSK	5MHz-6MHz	22.88	PASS
8	5	21475	8	#Max	QPSK	6MHz-10MHz	11.75	PASS
8	5	21475	25	#0	QPSK	-1MHz-0MHz	14.00	PASS
8	5	21475	25	#0	QPSK	-5MHz--1MHz	10.50	PASS
8	5	21475	25	#0	QPSK	-6MHz--5MHz	23.21	PASS
8	5	21475	25	#0	QPSK	-10MHz--6MHz	11.89	PASS
8	5	21475	25	#0	QPSK	0MHz-1MHz	16.42	PASS
8	5	21475	25	#0	QPSK	1MHz-5MHz	14.42	PASS
8	5	21475	25	#0	QPSK	5MHz-6MHz	21.00	PASS
8	5	21475	25	#0	QPSK	6MHz-10MHz	9.80	PASS
8	5	21475	8	#0	QAM16	-1MHz-0MHz	7.71	PASS
8	5	21475	8	#0	QAM16	-5MHz--1MHz	17.04	PASS
8	5	21475	8	#0	QAM16	-6MHz--5MHz	23.90	PASS
8	5	21475	8	#0	QAM16	-10MHz--6MHz	12.10	PASS
8	5	21475	8	#0	QAM16	0MHz-1MHz	34.04	PASS
8	5	21475	8	#0	QAM16	1MHz-5MHz	23.45	PASS
8	5	21475	8	#0	QAM16	5MHz-6MHz	24.51	PASS
8	5	21475	8	#0	QAM16	6MHz-10MHz	12.54	PASS
8	5	21475	8	#Max	QAM16	-1MHz-0MHz	32.79	PASS
8	5	21475	8	#Max	QAM16	-5MHz--1MHz	22.36	PASS
8	5	21475	8	#Max	QAM16	-6MHz--5MHz	24.16	PASS
8	5	21475	8	#Max	QAM16	-10MHz--6MHz	12.15	PASS
8	5	21475	8	#Max	QAM16	0MHz-1MHz	9.73	PASS
8	5	21475	8	#Max	QAM16	1MHz-5MHz	19.23	PASS
8	5	21475	8	#Max	QAM16	5MHz-6MHz	23.31	PASS
8	5	21475	8	#Max	QAM16	6MHz-10MHz	12.02	PASS
8	5	21475	25	#0	QAM16	-1MHz-0MHz	15.55	PASS
8	5	21475	25	#0	QAM16	-5MHz--1MHz	13.40	PASS
8	5	21475	25	#0	QAM16	-6MHz--5MHz	23.59	PASS
8	5	21475	25	#0	QAM16	-10MHz--6MHz	11.97	PASS
8	5	21475	25	#0	QAM16	0MHz-1MHz	17.01	PASS
8	5	21475	25	#0	QAM16	1MHz-5MHz	17.11	PASS
8	5	21475	25	#0	QAM16	5MHz-6MHz	21.78	PASS
8	5	21475	25	#0	QAM16	6MHz-10MHz	10.53	PASS
8	5	21625	8	#0	QPSK	-1MHz-0MHz	11.16	PASS
8	5	21625	8	#0	QPSK	-5MHz--1MHz	18.90	PASS
8	5	21625	8	#0	QPSK	-6MHz--5MHz	23.63	PASS
8	5	21625	8	#0	QPSK	-10MHz--6MHz	12.08	PASS
8	5	21625	8	#0	QPSK	0MHz-1MHz	32.51	PASS
8	5	21625	8	#0	QPSK	1MHz-5MHz	22.07	PASS
8	5	21625	8	#0	QPSK	5MHz-6MHz	24.63	PASS
8	5	21625	8	#0	QPSK	6MHz-10MHz	12.62	PASS

8	5	21625	8	#Max	QPSK	-1MHz-0MHz	32.00	PASS
8	5	21625	8	#Max	QPSK	-5MHz--1MHz	20.79	PASS
8	5	21625	8	#Max	QPSK	-6MHz--5MHz	24.34	PASS
8	5	21625	8	#Max	QPSK	-10MHz--6MHz	12.24	PASS
8	5	21625	8	#Max	QPSK	0MHz-1MHz	8.29	PASS
8	5	21625	8	#Max	QPSK	1MHz-5MHz	18.99	PASS
8	5	21625	8	#Max	QPSK	5MHz-6MHz	23.84	PASS
8	5	21625	8	#Max	QPSK	6MHz-10MHz	12.30	PASS
8	5	21625	25	#0	QPSK	-1MHz-0MHz	17.32	PASS
8	5	21625	25	#0	QPSK	-5MHz--1MHz	18.44	PASS
8	5	21625	25	#0	QPSK	-6MHz--5MHz	22.46	PASS
8	5	21625	25	#0	QPSK	-10MHz--6MHz	10.84	PASS
8	5	21625	25	#0	QPSK	0MHz-1MHz	15.87	PASS
8	5	21625	25	#0	QPSK	1MHz-5MHz	17.54	PASS
8	5	21625	25	#0	QPSK	5MHz-6MHz	23.79	PASS
8	5	21625	25	#0	QPSK	6MHz-10MHz	12.18	PASS
8	5	21625	8	#0	QAM16	-1MHz-0MHz	12.57	PASS
8	5	21625	8	#0	QAM16	-5MHz--1MHz	20.27	PASS
8	5	21625	8	#0	QAM16	-6MHz--5MHz	23.81	PASS
8	5	21625	8	#0	QAM16	-10MHz--6MHz	12.14	PASS
8	5	21625	8	#0	QAM16	0MHz-1MHz	33.60	PASS
8	5	21625	8	#0	QAM16	1MHz-5MHz	23.05	PASS
8	5	21625	8	#0	QAM16	5MHz-6MHz	24.63	PASS
8	5	21625	8	#0	QAM16	6MHz-10MHz	12.68	PASS
8	5	21625	8	#Max	QAM16	-1MHz-0MHz	33.15	PASS
8	5	21625	8	#Max	QAM16	-5MHz--1MHz	21.99	PASS
8	5	21625	8	#Max	QAM16	-6MHz--5MHz	24.25	PASS
8	5	21625	8	#Max	QAM16	-10MHz--6MHz	12.08	PASS
8	5	21625	8	#Max	QAM16	0MHz-1MHz	12.59	PASS
8	5	21625	8	#Max	QAM16	1MHz-5MHz	21.03	PASS
8	5	21625	8	#Max	QAM16	5MHz-6MHz	24.22	PASS
8	5	21625	8	#Max	QAM16	6MHz-10MHz	12.44	PASS
8	5	21625	25	#0	QAM16	-1MHz-0MHz	16.38	PASS
8	5	21625	25	#0	QAM16	-5MHz--1MHz	20.26	PASS
8	5	21625	25	#0	QAM16	-6MHz--5MHz	22.53	PASS
8	5	21625	25	#0	QAM16	-10MHz--6MHz	11.01	PASS
8	5	21625	25	#0	QAM16	0MHz-1MHz	19.69	PASS
8	5	21625	25	#0	QAM16	1MHz-5MHz	19.89	PASS
8	5	21625	25	#0	QAM16	5MHz-6MHz	23.72	PASS
8	5	21625	25	#0	QAM16	6MHz-10MHz	12.14	PASS
8	5	21775	8	#0	QPSK	-1MHz-0MHz	8.95	PASS
8	5	21775	8	#0	QPSK	-5MHz--1MHz	17.44	PASS
8	5	21775	8	#0	QPSK	-6MHz--5MHz	23.44	PASS

8	5	21775	8	#0	QPSK	-10MHz--6MHz	12.03	PASS
8	5	21775	8	#0	QPSK	0MHz-1MHz	33.48	PASS
8	5	21775	8	#0	QPSK	1MHz-5MHz	22.80	PASS
8	5	21775	8	#0	QPSK	5MHz-6MHz	24.94	PASS
8	5	21775	8	#0	QPSK	6MHz-10MHz	12.82	PASS
8	5	21775	8	#Max	QPSK	-1MHz-0MHz	31.50	PASS
8	5	21775	8	#Max	QPSK	-5MHz--1MHz	19.97	PASS
8	5	21775	8	#Max	QPSK	-6MHz--5MHz	24.43	PASS
8	5	21775	8	#Max	QPSK	-10MHz--6MHz	12.36	PASS
8	5	21775	8	#Max	QPSK	0MHz-1MHz	7.05	PASS
8	5	21775	8	#Max	QPSK	1MHz-5MHz	17.00	PASS
8	5	21775	8	#Max	QPSK	5MHz-6MHz	24.92	PASS
8	5	21775	8	#Max	QPSK	6MHz-10MHz	12.87	PASS
8	5	21775	25	#0	QPSK	-1MHz-0MHz	16.39	PASS
8	5	21775	25	#0	QPSK	-5MHz--1MHz	16.63	PASS
8	5	21775	25	#0	QPSK	-6MHz--5MHz	22.34	PASS
8	5	21775	25	#0	QPSK	-10MHz--6MHz	10.63	PASS
8	5	21775	25	#0	QPSK	0MHz-1MHz	17.02	PASS
8	5	21775	25	#0	QPSK	1MHz-5MHz	15.88	PASS
8	5	21775	25	#0	QPSK	5MHz-6MHz	24.84	PASS
8	5	21775	25	#0	QPSK	6MHz-10MHz	12.90	PASS
8	5	21775	8	#0	QAM16	-1MHz-0MHz	13.70	PASS
8	5	21775	8	#0	QAM16	-5MHz--1MHz	21.54	PASS
8	5	21775	8	#0	QAM16	-6MHz--5MHz	23.81	PASS
8	5	21775	8	#0	QAM16	-10MHz--6MHz	12.25	PASS
8	5	21775	8	#0	QAM16	0MHz-1MHz	34.40	PASS
8	5	21775	8	#0	QAM16	1MHz-5MHz	24.28	PASS
8	5	21775	8	#0	QAM16	5MHz-6MHz	25.01	PASS
8	5	21775	8	#0	QAM16	6MHz-10MHz	12.92	PASS
8	5	21775	8	#Max	QAM16	-1MHz-0MHz	33.19	PASS
8	5	21775	8	#Max	QAM16	-5MHz--1MHz	21.55	PASS
8	5	21775	8	#Max	QAM16	-6MHz--5MHz	24.43	PASS
8	5	21775	8	#Max	QAM16	-10MHz--6MHz	12.39	PASS
8	5	21775	8	#Max	QAM16	0MHz-1MHz	10.93	PASS
8	5	21775	8	#Max	QAM16	1MHz-5MHz	20.84	PASS
8	5	21775	8	#Max	QAM16	5MHz-6MHz	24.91	PASS
8	5	21775	8	#Max	QAM16	6MHz-10MHz	12.88	PASS
8	5	21775	25	#0	QAM16	-1MHz-0MHz	20.57	PASS
8	5	21775	25	#0	QAM16	-5MHz--1MHz	19.60	PASS
8	5	21775	25	#0	QAM16	-6MHz--5MHz	22.60	PASS
8	5	21775	25	#0	QAM16	-10MHz--6MHz	10.94	PASS
8	5	21775	25	#0	QAM16	0MHz-1MHz	18.47	PASS
8	5	21775	25	#0	QAM16	1MHz-5MHz	17.81	PASS

8	5	21775	25	#0	QAM16	5MHz-6MHz	24.98	PASS
8	5	21775	25	#0	QAM16	6MHz-10MHz	12.89	PASS
8	10	21500	12	#0	QPSK	-1MHz-0MHz	6.65	PASS
8	10	21500	12	#0	QPSK	-5MHz--1MHz	10.78	PASS
8	10	21500	12	#0	QPSK	-10MHz--5MHz	23.56	PASS
8	10	21500	12	#0	QPSK	-15MHz--10MHz	10.99	PASS
8	10	21500	12	#0	QPSK	0MHz-1MHz	31.58	PASS
8	10	21500	12	#0	QPSK	1MHz-5MHz	23.25	PASS
8	10	21500	12	#0	QPSK	5MHz-10MHz	19.65	PASS
8	10	21500	12	#0	QPSK	10MHz-15MHz	12.51	PASS
8	10	21500	12	#Max	QPSK	-1MHz-0MHz	31.53	PASS
8	10	21500	12	#Max	QPSK	-5MHz--1MHz	23.42	PASS
8	10	21500	12	#Max	QPSK	-10MHz--5MHz	20.59	PASS
8	10	21500	12	#Max	QPSK	-15MHz--10MHz	11.16	PASS
8	10	21500	12	#Max	QPSK	0MHz-1MHz	10.62	PASS
8	10	21500	12	#Max	QPSK	1MHz-5MHz	17.42	PASS
8	10	21500	12	#Max	QPSK	5MHz-10MHz	22.94	PASS
8	10	21500	12	#Max	QPSK	10MHz-15MHz	11.55	PASS
8	10	21500	50	#0	QPSK	-1MHz-0MHz	15.66	PASS
8	10	21500	50	#0	QPSK	-5MHz--1MHz	12.58	PASS
8	10	21500	50	#0	QPSK	-10MHz--5MHz	13.83	PASS
8	10	21500	50	#0	QPSK	-15MHz--10MHz	11.00	PASS
8	10	21500	50	#0	QPSK	0MHz-1MHz	16.63	PASS
8	10	21500	50	#0	QPSK	1MHz-5MHz	17.27	PASS
8	10	21500	50	#0	QPSK	5MHz-10MHz	16.28	PASS
8	10	21500	50	#0	QPSK	10MHz-15MHz	9.95	PASS
8	10	21500	12	#0	QAM16	-1MHz-0MHz	9.08	PASS
8	10	21500	12	#0	QAM16	-5MHz--1MHz	14.42	PASS
8	10	21500	12	#0	QAM16	-10MHz--5MHz	23.77	PASS
8	10	21500	12	#0	QAM16	-15MHz--10MHz	10.93	PASS
8	10	21500	12	#0	QAM16	0MHz-1MHz	32.08	PASS
8	10	21500	12	#0	QAM16	1MHz-5MHz	24.25	PASS
8	10	21500	12	#0	QAM16	5MHz-10MHz	20.99	PASS
8	10	21500	12	#0	QAM16	10MHz-15MHz	12.52	PASS
8	10	21500	12	#Max	QAM16	-1MHz-0MHz	31.60	PASS
8	10	21500	12	#Max	QAM16	-5MHz--1MHz	24.27	PASS
8	10	21500	12	#Max	QAM16	-10MHz--5MHz	21.43	PASS
8	10	21500	12	#Max	QAM16	-15MHz--10MHz	10.98	PASS
8	10	21500	12	#Max	QAM16	0MHz-1MHz	13.47	PASS
8	10	21500	12	#Max	QAM16	1MHz-5MHz	19.05	PASS
8	10	21500	12	#Max	QAM16	5MHz-10MHz	23.41	PASS
8	10	21500	12	#Max	QAM16	10MHz-15MHz	11.96	PASS
8	10	21500	50	#0	QAM16	-1MHz-0MHz	16.20	PASS

8	10	21500	50	#0	QAM16	-5MHz--1MHz	14.44	PASS
8	10	21500	50	#0	QAM16	-10MHz--5MHz	16.43	PASS
8	10	21500	50	#0	QAM16	-15MHz--10MHz	11.02	PASS
8	10	21500	50	#0	QAM16	0MHz-1MHz	18.67	PASS
8	10	21500	50	#0	QAM16	1MHz-5MHz	19.36	PASS
8	10	21500	50	#0	QAM16	5MHz-10MHz	18.39	PASS
8	10	21500	50	#0	QAM16	10MHz-15MHz	9.96	PASS
8	10	21625	12	#0	QPSK	-1MHz-0MHz	12.76	PASS
8	10	21625	12	#0	QPSK	-5MHz--1MHz	18.26	PASS
8	10	21625	12	#0	QPSK	-10MHz--5MHz	23.31	PASS
8	10	21625	12	#0	QPSK	-15MHz--10MHz	10.96	PASS
8	10	21625	12	#0	QPSK	0MHz-1MHz	32.20	PASS
8	10	21625	12	#0	QPSK	1MHz-5MHz	24.25	PASS
8	10	21625	12	#0	QPSK	5MHz-10MHz	20.75	PASS
8	10	21625	12	#0	QPSK	10MHz-15MHz	12.67	PASS
8	10	21625	12	#Max	QPSK	-1MHz-0MHz	31.90	PASS
8	10	21625	12	#Max	QPSK	-5MHz--1MHz	23.61	PASS
8	10	21625	12	#Max	QPSK	-10MHz--5MHz	20.48	PASS
8	10	21625	12	#Max	QPSK	-15MHz--10MHz	11.07	PASS
8	10	21625	12	#Max	QPSK	0MHz-1MHz	10.27	PASS
8	10	21625	12	#Max	QPSK	1MHz-5MHz	15.55	PASS
8	10	21625	12	#Max	QPSK	5MHz-10MHz	24.10	PASS
8	10	21625	12	#Max	QPSK	10MHz-15MHz	12.30	PASS
8	10	21625	50	#0	QPSK	-1MHz-0MHz	18.67	PASS
8	10	21625	50	#0	QPSK	-5MHz--1MHz	21.05	PASS
8	10	21625	50	#0	QPSK	-10MHz--5MHz	21.03	PASS
8	10	21625	50	#0	QPSK	-15MHz--10MHz	10.08	PASS
8	10	21625	50	#0	QPSK	0MHz-1MHz	20.49	PASS
8	10	21625	50	#0	QPSK	1MHz-5MHz	19.51	PASS
8	10	21625	50	#0	QPSK	5MHz-10MHz	19.09	PASS
8	10	21625	50	#0	QPSK	10MHz-15MHz	12.28	PASS
8	10	21625	12	#0	QAM16	-1MHz-0MHz	12.72	PASS
8	10	21625	12	#0	QAM16	-5MHz--1MHz	20.29	PASS
8	10	21625	12	#0	QAM16	-10MHz--5MHz	23.48	PASS
8	10	21625	12	#0	QAM16	-15MHz--10MHz	11.02	PASS
8	10	21625	12	#0	QAM16	0MHz-1MHz	32.51	PASS
8	10	21625	12	#0	QAM16	1MHz-5MHz	24.83	PASS
8	10	21625	12	#0	QAM16	5MHz-10MHz	21.56	PASS
8	10	21625	12	#0	QAM16	10MHz-15MHz	12.70	PASS
8	10	21625	12	#Max	QAM16	-1MHz-0MHz	32.23	PASS
8	10	21625	12	#Max	QAM16	-5MHz--1MHz	24.57	PASS
8	10	21625	12	#Max	QAM16	-10MHz--5MHz	21.29	PASS
8	10	21625	12	#Max	QAM16	-15MHz--10MHz	11.20	PASS

8	10	21625	12	#Max	QAM16	0MHz-1MHz	12.91	PASS
8	10	21625	12	#Max	QAM16	1MHz-5MHz	18.65	PASS
8	10	21625	12	#Max	QAM16	5MHz-10MHz	24.23	PASS
8	10	21625	12	#Max	QAM16	10MHz-15MHz	12.39	PASS
8	10	21625	50	#0	QAM16	-1MHz-0MHz	20.31	PASS
8	10	21625	50	#0	QAM16	-5MHz--1MHz	22.27	PASS
8	10	21625	50	#0	QAM16	-10MHz--5MHz	21.68	PASS
8	10	21625	50	#0	QAM16	-15MHz--10MHz	10.39	PASS
8	10	21625	50	#0	QAM16	0MHz-1MHz	20.35	PASS
8	10	21625	50	#0	QAM16	1MHz-5MHz	21.07	PASS
8	10	21625	50	#0	QAM16	5MHz-10MHz	20.86	PASS
8	10	21625	50	#0	QAM16	10MHz-15MHz	12.15	PASS
8	10	21750	12	#0	QPSK	-1MHz-0MHz	10.38	PASS
8	10	21750	12	#0	QPSK	-5MHz--1MHz	16.47	PASS
8	10	21750	12	#0	QPSK	-10MHz--5MHz	23.29	PASS
8	10	21750	12	#0	QPSK	-15MHz--10MHz	11.01	PASS
8	10	21750	12	#0	QPSK	0MHz-1MHz	32.30	PASS
8	10	21750	12	#0	QPSK	1MHz-5MHz	27.02	PASS
8	10	21750	12	#0	QPSK	5MHz-10MHz	24.88	PASS
8	10	21750	12	#0	QPSK	10MHz-15MHz	12.84	PASS
8	10	21750	12	#Max	QPSK	-1MHz-0MHz	32.12	PASS
8	10	21750	12	#Max	QPSK	-5MHz--1MHz	22.37	PASS
8	10	21750	12	#Max	QPSK	-10MHz--5MHz	18.70	PASS
8	10	21750	12	#Max	QPSK	-15MHz--10MHz	11.21	PASS
8	10	21750	12	#Max	QPSK	0MHz-1MHz	10.14	PASS
8	10	21750	12	#Max	QPSK	1MHz-5MHz	15.44	PASS
8	10	21750	12	#Max	QPSK	5MHz-10MHz	24.87	PASS
8	10	21750	12	#Max	QPSK	10MHz-15MHz	12.78	PASS
8	10	21750	50	#0	QPSK	-1MHz-0MHz	20.90	PASS
8	10	21750	50	#0	QPSK	-5MHz--1MHz	20.09	PASS
8	10	21750	50	#0	QPSK	-10MHz--5MHz	18.43	PASS
8	10	21750	50	#0	QPSK	-15MHz--10MHz	10.92	PASS
8	10	21750	50	#0	QPSK	0MHz-1MHz	21.49	PASS
8	10	21750	50	#0	QPSK	1MHz-5MHz	19.05	PASS
8	10	21750	50	#0	QPSK	5MHz-10MHz	24.85	PASS
8	10	21750	50	#0	QPSK	10MHz-15MHz	12.89	PASS
8	10	21750	12	#0	QAM16	-1MHz-0MHz	13.11	PASS
8	10	21750	12	#0	QAM16	-5MHz--1MHz	19.43	PASS
8	10	21750	12	#0	QAM16	-10MHz--5MHz	23.46	PASS
8	10	21750	12	#0	QAM16	-15MHz--10MHz	10.91	PASS
8	10	21750	12	#0	QAM16	0MHz-1MHz	32.99	PASS
8	10	21750	12	#0	QAM16	1MHz-5MHz	26.88	PASS
8	10	21750	12	#0	QAM16	5MHz-10MHz	24.95	PASS



8	10	21750	12	#0	QAM16	10MHz-15MHz	12.83	PASS
8	10	21750	12	#Max	QAM16	-1MHz-0MHz	32.25	PASS
8	10	21750	12	#Max	QAM16	-5MHz--1MHz	22.93	PASS
8	10	21750	12	#Max	QAM16	-10MHz--5MHz	19.35	PASS
8	10	21750	12	#Max	QAM16	-15MHz--10MHz	11.10	PASS
8	10	21750	12	#Max	QAM16	0MHz-1MHz	13.27	PASS
8	10	21750	12	#Max	QAM16	1MHz-5MHz	19.33	PASS
8	10	21750	12	#Max	QAM16	5MHz-10MHz	24.75	PASS
8	10	21750	12	#Max	QAM16	10MHz-15MHz	12.83	PASS
8	10	21750	50	#0	QAM16	-1MHz-0MHz	18.92	PASS
8	10	21750	50	#0	QAM16	-5MHz--1MHz	20.78	PASS
8	10	21750	50	#0	QAM16	-10MHz--5MHz	19.38	PASS
8	10	21750	50	#0	QAM16	-15MHz--10MHz	10.74	PASS
8	10	21750	50	#0	QAM16	0MHz-1MHz	20.64	PASS
8	10	21750	50	#0	QAM16	1MHz-5MHz	19.87	PASS
8	10	21750	50	#0	QAM16	5MHz-10MHz	24.90	PASS
8	10	21750	50	#0	QAM16	10MHz-15MHz	12.83	PASS
1	5	18025	8	#0	QPSK	-1MHz-0MHz	6.62	PASS
1	5	18025	8	#0	QPSK	-5MHz--1MHz	15.56	PASS
1	5	18025	8	#0	QPSK	-6MHz--5MHz	23.64	PASS
1	5	18025	8	#0	QPSK	-10MHz--6MHz	11.84	PASS
1	5	18025	8	#0	QPSK	0MHz-1MHz	29.88	PASS
1	5	18025	8	#0	QPSK	1MHz-5MHz	18.89	PASS
1	5	18025	8	#0	QPSK	5MHz-6MHz	24.08	PASS
1	5	18025	8	#0	QPSK	6MHz-10MHz	12.15	PASS
1	5	18025	8	#Max	QPSK	-1MHz-0MHz	30.95	PASS
1	5	18025	8	#Max	QPSK	-5MHz--1MHz	19.79	PASS
1	5	18025	8	#Max	QPSK	-6MHz--5MHz	23.99	PASS
1	5	18025	8	#Max	QPSK	-10MHz--6MHz	11.85	PASS
1	5	18025	8	#Max	QPSK	0MHz-1MHz	6.57	PASS
1	5	18025	8	#Max	QPSK	1MHz-5MHz	15.74	PASS
1	5	18025	8	#Max	QPSK	5MHz-6MHz	23.66	PASS
1	5	18025	8	#Max	QPSK	6MHz-10MHz	12.03	PASS
1	5	18025	25	#0	QPSK	-1MHz-0MHz	15.65	PASS
1	5	18025	25	#0	QPSK	-5MHz--1MHz	13.08	PASS
1	5	18025	25	#0	QPSK	-6MHz--5MHz	20.37	PASS
1	5	18025	25	#0	QPSK	-10MHz--6MHz	8.89	PASS
1	5	18025	25	#0	QPSK	0MHz-1MHz	16.25	PASS
1	5	18025	25	#0	QPSK	1MHz-5MHz	12.93	PASS
1	5	18025	25	#0	QPSK	5MHz-6MHz	20.58	PASS
1	5	18025	25	#0	QPSK	6MHz-10MHz	8.88	PASS
1	5	18025	8	#0	QAM16	-1MHz-0MHz	8.96	PASS
1	5	18025	8	#0	QAM16	-5MHz--1MHz	17.92	PASS



1	5	18025	8	#0	QAM16	-6MHz--5MHz	23.95	PASS
1	5	18025	8	#0	QAM16	-10MHz--6MHz	11.85	PASS
1	5	18025	8	#0	QAM16	0MHz-1MHz	31.23	PASS
1	5	18025	8	#0	QAM16	1MHz-5MHz	20.08	PASS
1	5	18025	8	#0	QAM16	5MHz-6MHz	24.10	PASS
1	5	18025	8	#0	QAM16	6MHz-10MHz	12.17	PASS
1	5	18025	8	#Max	QAM16	-1MHz-0MHz	31.54	PASS
1	5	18025	8	#Max	QAM16	-5MHz--1MHz	20.89	PASS
1	5	18025	8	#Max	QAM16	-6MHz--5MHz	23.91	PASS
1	5	18025	8	#Max	QAM16	-10MHz--6MHz	11.87	PASS
1	5	18025	8	#Max	QAM16	0MHz-1MHz	10.30	PASS
1	5	18025	8	#Max	QAM16	1MHz-5MHz	17.79	PASS
1	5	18025	8	#Max	QAM16	5MHz-6MHz	23.95	PASS
1	5	18025	8	#Max	QAM16	6MHz-10MHz	12.19	PASS
1	5	18025	25	#0	QAM16	-1MHz-0MHz	16.81	PASS
1	5	18025	25	#0	QAM16	-5MHz--1MHz	15.37	PASS
1	5	18025	25	#0	QAM16	-6MHz--5MHz	20.89	PASS
1	5	18025	25	#0	QAM16	-10MHz--6MHz	9.41	PASS
1	5	18025	25	#0	QAM16	0MHz-1MHz	17.27	PASS
1	5	18025	25	#0	QAM16	1MHz-5MHz	15.65	PASS
1	5	18025	25	#0	QAM16	5MHz-6MHz	20.84	PASS
1	5	18025	25	#0	QAM16	6MHz-10MHz	9.33	PASS
1	5	18300	8	#0	QPSK	-1MHz-0MHz	0.54	PASS
1	5	18300	8	#0	QPSK	-5MHz--1MHz	6.44	PASS
1	5	18300	8	#0	QPSK	-6MHz--5MHz	22.94	PASS
1	5	18300	8	#0	QPSK	-10MHz--6MHz	12.38	PASS
1	5	18300	8	#0	QPSK	0MHz-1MHz	26.64	PASS
1	5	18300	8	#0	QPSK	1MHz-5MHz	21.63	PASS
1	5	18300	8	#0	QPSK	5MHz-6MHz	25.80	PASS
1	5	18300	8	#0	QPSK	6MHz-10MHz	13.88	PASS
1	5	18300	8	#Max	QPSK	-1MHz-0MHz	26.14	PASS
1	5	18300	8	#Max	QPSK	-5MHz--1MHz	21.52	PASS
1	5	18300	8	#Max	QPSK	-6MHz--5MHz	25.50	PASS
1	5	18300	8	#Max	QPSK	-10MHz--6MHz	13.60	PASS
1	5	18300	8	#Max	QPSK	0MHz-1MHz	0.74	PASS
1	5	18300	8	#Max	QPSK	1MHz-5MHz	6.97	PASS
1	5	18300	8	#Max	QPSK	5MHz-6MHz	23.16	PASS
1	5	18300	8	#Max	QPSK	6MHz-10MHz	12.42	PASS
1	5	18300	25	#0	QPSK	-1MHz-0MHz	10.09	PASS
1	5	18300	25	#0	QPSK	-5MHz--1MHz	4.67	PASS
1	5	18300	25	#0	QPSK	-6MHz--5MHz	16.16	PASS
1	5	18300	25	#0	QPSK	-10MHz--6MHz	4.14	PASS
1	5	18300	25	#0	QPSK	0MHz-1MHz	10.06	PASS

1	5	18300	25	#0	QPSK	1MHz-5MHz	5.45	PASS
1	5	18300	25	#0	QPSK	5MHz-6MHz	16.91	PASS
1	5	18300	25	#0	QPSK	6MHz-10MHz	5.31	PASS
1	5	18300	8	#0	QAM16	-1MHz-0MHz	3.09	PASS
1	5	18300	8	#0	QAM16	-5MHz--1MHz	9.64	PASS
1	5	18300	8	#0	QAM16	-6MHz--5MHz	24.20	PASS
1	5	18300	8	#0	QAM16	-10MHz--6MHz	12.94	PASS
1	5	18300	8	#0	QAM16	0MHz-1MHz	31.46	PASS
1	5	18300	8	#0	QAM16	1MHz-5MHz	21.51	PASS
1	5	18300	8	#0	QAM16	5MHz-6MHz	25.82	PASS
1	5	18300	8	#0	QAM16	6MHz-10MHz	13.86	PASS
1	5	18300	8	#Max	QAM16	-1MHz-0MHz	30.81	PASS
1	5	18300	8	#Max	QAM16	-5MHz--1MHz	21.78	PASS
1	5	18300	8	#Max	QAM16	-6MHz--5MHz	25.55	PASS
1	5	18300	8	#Max	QAM16	-10MHz--6MHz	13.67	PASS
1	5	18300	8	#Max	QAM16	0MHz-1MHz	5.03	PASS
1	5	18300	8	#Max	QAM16	1MHz-5MHz	10.12	PASS
1	5	18300	8	#Max	QAM16	5MHz-6MHz	24.56	PASS
1	5	18300	8	#Max	QAM16	6MHz-10MHz	13.13	PASS
1	5	18300	25	#0	QAM16	-1MHz-0MHz	12.83	PASS
1	5	18300	25	#0	QAM16	-5MHz--1MHz	7.80	PASS
1	5	18300	25	#0	QAM16	-6MHz--5MHz	16.49	PASS
1	5	18300	25	#0	QAM16	-10MHz--6MHz	6.11	PASS
1	5	18300	25	#0	QAM16	0MHz-1MHz	13.39	PASS
1	5	18300	25	#0	QAM16	1MHz-5MHz	8.69	PASS
1	5	18300	25	#0	QAM16	5MHz-6MHz	17.51	PASS
1	5	18300	25	#0	QAM16	6MHz-10MHz	7.32	PASS
1	5	18575	8	#0	QPSK	-1MHz-0MHz	3.83	PASS
1	5	18575	8	#0	QPSK	-5MHz--1MHz	10.74	PASS
1	5	18575	8	#0	QPSK	-6MHz--5MHz	23.50	PASS
1	5	18575	8	#0	QPSK	-10MHz--6MHz	12.66	PASS
1	5	18575	8	#0	QPSK	0MHz-1MHz	31.46	PASS
1	5	18575	8	#0	QPSK	1MHz-5MHz	19.86	PASS
1	5	18575	8	#0	QPSK	5MHz-6MHz	25.54	PASS
1	5	18575	8	#0	QPSK	6MHz-10MHz	13.57	PASS
1	5	18575	8	#Max	QPSK	-1MHz-0MHz	30.61	PASS
1	5	18575	8	#Max	QPSK	-5MHz--1MHz	19.49	PASS
1	5	18575	8	#Max	QPSK	-6MHz--5MHz	25.22	PASS
1	5	18575	8	#Max	QPSK	-10MHz--6MHz	13.38	PASS
1	5	18575	8	#Max	QPSK	0MHz-1MHz	3.10	PASS
1	5	18575	8	#Max	QPSK	1MHz-5MHz	10.17	PASS
1	5	18575	8	#Max	QPSK	5MHz-6MHz	23.33	PASS
1	5	18575	8	#Max	QPSK	6MHz-10MHz	12.56	PASS

1	5	18575	25	#0	QPSK	-1MHz-0MHz	14.67	PASS
1	5	18575	25	#0	QPSK	-5MHz--1MHz	10.45	PASS
1	5	18575	25	#0	QPSK	-6MHz--5MHz	19.31	PASS
1	5	18575	25	#0	QPSK	-10MHz--6MHz	8.82	PASS
1	5	18575	25	#0	QPSK	0MHz-1MHz	13.95	PASS
1	5	18575	25	#0	QPSK	1MHz-5MHz	10.23	PASS
1	5	18575	25	#0	QPSK	5MHz-6MHz	19.14	PASS
1	5	18575	25	#0	QPSK	6MHz-10MHz	8.96	PASS
1	5	18575	8	#0	QAM16	-1MHz-0MHz	9.48	PASS
1	5	18575	8	#0	QAM16	-5MHz--1MHz	15.00	PASS
1	5	18575	8	#0	QAM16	-6MHz--5MHz	24.67	PASS
1	5	18575	8	#0	QAM16	-10MHz--6MHz	13.16	PASS
1	5	18575	8	#0	QAM16	0MHz-1MHz	32.49	PASS
1	5	18575	8	#0	QAM16	1MHz-5MHz	21.09	PASS
1	5	18575	8	#0	QAM16	5MHz-6MHz	25.58	PASS
1	5	18575	8	#0	QAM16	6MHz-10MHz	13.71	PASS
1	5	18575	8	#Max	QAM16	-1MHz-0MHz	32.66	PASS
1	5	18575	8	#Max	QAM16	-5MHz--1MHz	20.80	PASS
1	5	18575	8	#Max	QAM16	-6MHz--5MHz	25.41	PASS
1	5	18575	8	#Max	QAM16	-10MHz--6MHz	13.39	PASS
1	5	18575	8	#Max	QAM16	0MHz-1MHz	7.65	PASS
1	5	18575	8	#Max	QAM16	1MHz-5MHz	14.58	PASS
1	5	18575	8	#Max	QAM16	5MHz-6MHz	24.63	PASS
1	5	18575	8	#Max	QAM16	6MHz-10MHz	13.25	PASS
1	5	18575	25	#0	QAM16	-1MHz-0MHz	18.80	PASS
1	5	18575	25	#0	QAM16	-5MHz--1MHz	13.01	PASS
1	5	18575	25	#0	QAM16	-6MHz--5MHz	20.19	PASS
1	5	18575	25	#0	QAM16	-10MHz--6MHz	9.76	PASS
1	5	18575	25	#0	QAM16	0MHz-1MHz	15.77	PASS
1	5	18575	25	#0	QAM16	1MHz-5MHz	12.83	PASS
1	5	18575	25	#0	QAM16	5MHz-6MHz	20.26	PASS
1	5	18575	25	#0	QAM16	6MHz-10MHz	9.68	PASS
1	10	18050	12	#0	QPSK	-1MHz-0MHz	8.31	PASS
1	10	18050	12	#0	QPSK	-5MHz--1MHz	12.80	PASS
1	10	18050	12	#0	QPSK	-10MHz--5MHz	22.66	PASS
1	10	18050	12	#0	QPSK	-15MHz--10MHz	10.74	PASS
1	10	18050	12	#0	QPSK	0MHz-1MHz	31.86	PASS
1	10	18050	12	#0	QPSK	1MHz-5MHz	19.83	PASS
1	10	18050	12	#0	QPSK	5MHz-10MHz	16.28	PASS
1	10	18050	12	#0	QPSK	10MHz-15MHz	12.16	PASS
1	10	18050	12	#Max	QPSK	-1MHz-0MHz	32.38	PASS
1	10	18050	12	#Max	QPSK	-5MHz--1MHz	22.33	PASS
1	10	18050	12	#Max	QPSK	-10MHz--5MHz	18.95	PASS

1	10	18050	12	#Max	QPSK	-15MHz--10MHz	10.73	PASS
1	10	18050	12	#Max	QPSK	0MHz-1MHz	5.41	PASS
1	10	18050	12	#Max	QPSK	1MHz-5MHz	9.87	PASS
1	10	18050	12	#Max	QPSK	5MHz-10MHz	22.88	PASS
1	10	18050	12	#Max	QPSK	10MHz-15MHz	11.85	PASS
1	10	18050	50	#0	QPSK	-1MHz-0MHz	16.88	PASS
1	10	18050	50	#0	QPSK	-5MHz--1MHz	14.13	PASS
1	10	18050	50	#0	QPSK	-10MHz--5MHz	15.68	PASS
1	10	18050	50	#0	QPSK	-15MHz--10MHz	9.55	PASS
1	10	18050	50	#0	QPSK	0MHz-1MHz	15.59	PASS
1	10	18050	50	#0	QPSK	1MHz-5MHz	13.07	PASS
1	10	18050	50	#0	QPSK	5MHz-10MHz	14.15	PASS
1	10	18050	50	#0	QPSK	10MHz-15MHz	9.94	PASS
1	10	18050	12	#0	QAM16	-1MHz-0MHz	10.81	PASS
1	10	18050	12	#0	QAM16	-5MHz--1MHz	15.47	PASS
1	10	18050	12	#0	QAM16	-10MHz--5MHz	23.25	PASS
1	10	18050	12	#0	QAM16	-15MHz--10MHz	10.70	PASS
1	10	18050	12	#0	QAM16	0MHz-1MHz	32.10	PASS
1	10	18050	12	#0	QAM16	1MHz-5MHz	21.09	PASS
1	10	18050	12	#0	QAM16	5MHz-10MHz	17.50	PASS
1	10	18050	12	#0	QAM16	10MHz-15MHz	12.17	PASS
1	10	18050	12	#Max	QAM16	-1MHz-0MHz	32.35	PASS
1	10	18050	12	#Max	QAM16	-5MHz--1MHz	23.26	PASS
1	10	18050	12	#Max	QAM16	-10MHz--5MHz	19.96	PASS
1	10	18050	12	#Max	QAM16	-15MHz--10MHz	10.83	PASS
1	10	18050	12	#Max	QAM16	0MHz-1MHz	8.25	PASS
1	10	18050	12	#Max	QAM16	1MHz-5MHz	13.06	PASS
1	10	18050	12	#Max	QAM16	5MHz-10MHz	23.36	PASS
1	10	18050	12	#Max	QAM16	10MHz-15MHz	12.00	PASS
1	10	18050	50	#0	QAM16	-1MHz-0MHz	17.62	PASS
1	10	18050	50	#0	QAM16	-5MHz--1MHz	16.58	PASS
1	10	18050	50	#0	QAM16	-10MHz--5MHz	17.44	PASS
1	10	18050	50	#0	QAM16	-15MHz--10MHz	9.65	PASS
1	10	18050	50	#0	QAM16	0MHz-1MHz	18.18	PASS
1	10	18050	50	#0	QAM16	1MHz-5MHz	15.58	PASS
1	10	18050	50	#0	QAM16	5MHz-10MHz	16.55	PASS
1	10	18050	50	#0	QAM16	10MHz-15MHz	9.54	PASS
1	10	18300	12	#0	QPSK	-1MHz-0MHz	0.78	PASS
1	10	18300	12	#0	QPSK	-5MHz--1MHz	4.29	PASS
1	10	18300	12	#0	QPSK	-10MHz--5MHz	21.52	PASS
1	10	18300	12	#0	QPSK	-15MHz--10MHz	10.79	PASS
1	10	18300	12	#0	QPSK	0MHz-1MHz	32.55	PASS
1	10	18300	12	#0	QPSK	1MHz-5MHz	22.99	PASS

1	10	18300	12	#0	QPSK	5MHz-10MHz	19.67	PASS
1	10	18300	12	#0	QPSK	10MHz-15MHz	12.98	PASS
1	10	18300	12	#Max	QPSK	-1MHz-0MHz	31.64	PASS
1	10	18300	12	#Max	QPSK	-5MHz--1MHz	22.71	PASS
1	10	18300	12	#Max	QPSK	-10MHz--5MHz	19.51	PASS
1	10	18300	12	#Max	QPSK	-15MHz--10MHz	11.60	PASS
1	10	18300	12	#Max	QPSK	0MHz-1MHz	1.42	PASS
1	10	18300	12	#Max	QPSK	1MHz-5MHz	5.69	PASS
1	10	18300	12	#Max	QPSK	5MHz-10MHz	21.60	PASS
1	10	18300	12	#Max	QPSK	10MHz-15MHz	11.39	PASS
1	10	18300	50	#0	QPSK	-1MHz-0MHz	9.70	PASS
1	10	18300	50	#0	QPSK	-5MHz--1MHz	6.10	PASS
1	10	18300	50	#0	QPSK	-10MHz--5MHz	7.44	PASS
1	10	18300	50	#0	QPSK	-15MHz--10MHz	6.33	PASS
1	10	18300	50	#0	QPSK	0MHz-1MHz	11.32	PASS
1	10	18300	50	#0	QPSK	1MHz-5MHz	7.41	PASS
1	10	18300	50	#0	QPSK	5MHz-10MHz	9.40	PASS
1	10	18300	50	#0	QPSK	10MHz-15MHz	7.52	PASS
1	10	18300	12	#0	QAM16	-1MHz-0MHz	4.16	PASS
1	10	18300	12	#0	QAM16	-5MHz--1MHz	8.50	PASS
1	10	18300	12	#0	QAM16	-10MHz--5MHz	22.97	PASS
1	10	18300	12	#0	QAM16	-15MHz--10MHz	11.41	PASS
1	10	18300	12	#0	QAM16	0MHz-1MHz	33.04	PASS
1	10	18300	12	#0	QAM16	1MHz-5MHz	22.62	PASS
1	10	18300	12	#0	QAM16	5MHz-10MHz	19.32	PASS
1	10	18300	12	#0	QAM16	10MHz-15MHz	12.92	PASS
1	10	18300	12	#Max	QAM16	-1MHz-0MHz	32.30	PASS
1	10	18300	12	#Max	QAM16	-5MHz--1MHz	23.60	PASS
1	10	18300	12	#Max	QAM16	-10MHz--5MHz	20.31	PASS
1	10	18300	12	#Max	QAM16	-15MHz--10MHz	11.75	PASS
1	10	18300	12	#Max	QAM16	0MHz-1MHz	5.47	PASS
1	10	18300	12	#Max	QAM16	1MHz-5MHz	9.03	PASS
1	10	18300	12	#Max	QAM16	5MHz-10MHz	23.02	PASS
1	10	18300	12	#Max	QAM16	10MHz-15MHz	12.14	PASS
1	10	18300	50	#0	QAM16	-1MHz-0MHz	13.15	PASS
1	10	18300	50	#0	QAM16	-5MHz--1MHz	8.88	PASS
1	10	18300	50	#0	QAM16	-10MHz--5MHz	10.05	PASS
1	10	18300	50	#0	QAM16	-15MHz--10MHz	6.52	PASS
1	10	18300	50	#0	QAM16	0MHz-1MHz	13.86	PASS
1	10	18300	50	#0	QAM16	1MHz-5MHz	10.23	PASS
1	10	18300	50	#0	QAM16	5MHz-10MHz	12.06	PASS
1	10	18300	50	#0	QAM16	10MHz-15MHz	8.01	PASS
1	10	18550	12	#0	QPSK	-1MHz-0MHz	6.13	PASS

1	10	18550	12	#0	QPSK	-5MHz--1MHz	10.24	PASS
1	10	18550	12	#0	QPSK	-10MHz--5MHz	23.49	PASS
1	10	18550	12	#0	QPSK	-15MHz--10MHz	12.02	PASS
1	10	18550	12	#0	QPSK	0MHz-1MHz	32.24	PASS
1	10	18550	12	#0	QPSK	1MHz-5MHz	21.79	PASS
1	10	18550	12	#0	QPSK	5MHz-10MHz	18.21	PASS
1	10	18550	12	#0	QPSK	10MHz-15MHz	13.63	PASS
1	10	18550	12	#Max	QPSK	-1MHz-0MHz	32.36	PASS
1	10	18550	12	#Max	QPSK	-5MHz--1MHz	21.67	PASS
1	10	18550	12	#Max	QPSK	-10MHz--5MHz	18.45	PASS
1	10	18550	12	#Max	QPSK	-15MHz--10MHz	12.30	PASS
1	10	18550	12	#Max	QPSK	0MHz-1MHz	4.89	PASS
1	10	18550	12	#Max	QPSK	1MHz-5MHz	8.44	PASS
1	10	18550	12	#Max	QPSK	5MHz-10MHz	23.31	PASS
1	10	18550	12	#Max	QPSK	10MHz-15MHz	12.67	PASS
1	10	18550	50	#0	QPSK	-1MHz-0MHz	17.25	PASS
1	10	18550	50	#0	QPSK	-5MHz--1MHz	13.81	PASS
1	10	18550	50	#0	QPSK	-10MHz--5MHz	14.99	PASS
1	10	18550	50	#0	QPSK	-15MHz--10MHz	10.20	PASS
1	10	18550	50	#0	QPSK	0MHz-1MHz	17.05	PASS
1	10	18550	50	#0	QPSK	1MHz-5MHz	13.56	PASS
1	10	18550	50	#0	QPSK	5MHz-10MHz	14.60	PASS
1	10	18550	50	#0	QPSK	10MHz-15MHz	10.20	PASS
1	10	18550	12	#0	QAM16	-1MHz-0MHz	10.07	PASS
1	10	18550	12	#0	QAM16	-5MHz--1MHz	13.62	PASS
1	10	18550	12	#0	QAM16	-10MHz--5MHz	24.28	PASS
1	10	18550	12	#0	QAM16	-15MHz--10MHz	12.21	PASS
1	10	18550	12	#0	QAM16	0MHz-1MHz	33.31	PASS
1	10	18550	12	#0	QAM16	1MHz-5MHz	22.59	PASS
1	10	18550	12	#0	QAM16	5MHz-10MHz	19.42	PASS
1	10	18550	12	#0	QAM16	10MHz-15MHz	13.60	PASS
1	10	18550	12	#Max	QAM16	-1MHz-0MHz	33.15	PASS
1	10	18550	12	#Max	QAM16	-5MHz--1MHz	22.92	PASS
1	10	18550	12	#Max	QAM16	-10MHz--5MHz	19.55	PASS
1	10	18550	12	#Max	QAM16	-15MHz--10MHz	12.23	PASS
1	10	18550	12	#Max	QAM16	0MHz-1MHz	8.86	PASS
1	10	18550	12	#Max	QAM16	1MHz-5MHz	12.29	PASS
1	10	18550	12	#Max	QAM16	5MHz-10MHz	24.21	PASS
1	10	18550	12	#Max	QAM16	10MHz-15MHz	13.17	PASS
1	10	18550	50	#0	QAM16	-1MHz-0MHz	17.04	PASS
1	10	18550	50	#0	QAM16	-5MHz--1MHz	15.03	PASS
1	10	18550	50	#0	QAM16	-10MHz--5MHz	16.64	PASS
1	10	18550	50	#0	QAM16	-15MHz--10MHz	10.07	PASS

1	10	18550	50	#0	QAM16	0MHz-1MHz	17.53	PASS
1	10	18550	50	#0	QAM16	1MHz-5MHz	14.69	PASS
1	10	18550	50	#0	QAM16	5MHz-10MHz	15.83	PASS
1	10	18550	50	#0	QAM16	10MHz-15MHz	10.05	PASS
1	20	18100	18	#0	QPSK	-1MHz-0MHz	9.64	PASS
1	20	18100	18	#0	QPSK	-5MHz--1MHz	12.66	PASS
1	20	18100	18	#0	QPSK	-20MHz--5MHz	21.63	PASS
1	20	18100	18	#0	QPSK	-25MHz--20MHz	12.52	PASS
1	20	18100	18	#0	QPSK	0MHz-1MHz	29.92	PASS
1	20	18100	18	#0	QPSK	1MHz-5MHz	26.64	PASS
1	20	18100	18	#0	QPSK	5MHz-20MHz	19.37	PASS
1	20	18100	18	#0	QPSK	20MHz-25MHz	13.13	PASS
1	20	18100	18	#Max	QPSK	-1MHz-0MHz	29.44	PASS
1	20	18100	18	#Max	QPSK	-5MHz--1MHz	26.49	PASS
1	20	18100	18	#Max	QPSK	-20MHz--5MHz	21.45	PASS
1	20	18100	18	#Max	QPSK	-25MHz--20MHz	12.69	PASS
1	20	18100	18	#Max	QPSK	0MHz-1MHz	3.76	PASS
1	20	18100	18	#Max	QPSK	1MHz-5MHz	6.34	PASS
1	20	18100	18	#Max	QPSK	5MHz-20MHz	20.60	PASS
1	20	18100	18	#Max	QPSK	20MHz-25MHz	12.83	PASS
1	20	18100	100	#0	QPSK	-1MHz-0MHz	15.95	PASS
1	20	18100	100	#0	QPSK	-5MHz--1MHz	15.32	PASS
1	20	18100	100	#0	QPSK	-20MHz--5MHz	14.31	PASS
1	20	18100	100	#0	QPSK	-25MHz--20MHz	12.18	PASS
1	20	18100	100	#0	QPSK	0MHz-1MHz	15.71	PASS
1	20	18100	100	#0	QPSK	1MHz-5MHz	14.11	PASS
1	20	18100	100	#0	QPSK	5MHz-20MHz	12.53	PASS
1	20	18100	100	#0	QPSK	20MHz-25MHz	10.85	PASS
1	20	18100	18	#0	QAM16	-1MHz-0MHz	11.88	PASS
1	20	18100	18	#0	QAM16	-5MHz--1MHz	14.92	PASS
1	20	18100	18	#0	QAM16	-20MHz--5MHz	21.97	PASS
1	20	18100	18	#0	QAM16	-25MHz--20MHz	12.53	PASS
1	20	18100	18	#0	QAM16	0MHz-1MHz	30.11	PASS
1	20	18100	18	#0	QAM16	1MHz-5MHz	26.79	PASS
1	20	18100	18	#0	QAM16	5MHz-20MHz	20.45	PASS
1	20	18100	18	#0	QAM16	20MHz-25MHz	13.21	PASS
1	20	18100	18	#Max	QAM16	-1MHz-0MHz	29.81	PASS
1	20	18100	18	#Max	QAM16	-5MHz--1MHz	26.49	PASS
1	20	18100	18	#Max	QAM16	-20MHz--5MHz	21.42	PASS
1	20	18100	18	#Max	QAM16	-25MHz--20MHz	12.70	PASS
1	20	18100	18	#Max	QAM16	0MHz-1MHz	6.87	PASS
1	20	18100	18	#Max	QAM16	1MHz-5MHz	9.74	PASS
1	20	18100	18	#Max	QAM16	5MHz-20MHz	21.75	PASS



1	20	18100	18	#Max	QAM16	20MHz-25MHz	13.00	PASS
1	20	18100	100	#0	QAM16	-1MHz-0MHz	18.80	PASS
1	20	18100	100	#0	QAM16	-5MHz--1MHz	17.68	PASS
1	20	18100	100	#0	QAM16	-20MHz--5MHz	16.33	PASS
1	20	18100	100	#0	QAM16	-25MHz--20MHz	12.20	PASS
1	20	18100	100	#0	QAM16	0MHz-1MHz	18.51	PASS
1	20	18100	100	#0	QAM16	1MHz-5MHz	16.16	PASS
1	20	18100	100	#0	QAM16	5MHz-20MHz	14.80	PASS
1	20	18100	100	#0	QAM16	20MHz-25MHz	10.72	PASS
1	20	18300	18	#0	QPSK	-1MHz-0MHz	1.23	PASS
1	20	18300	18	#0	QPSK	-5MHz--1MHz	4.56	PASS
1	20	18300	18	#0	QPSK	-20MHz--5MHz	19.73	PASS
1	20	18300	18	#0	QPSK	-25MHz--20MHz	12.89	PASS
1	20	18300	18	#0	QPSK	0MHz-1MHz	30.65	PASS
1	20	18300	18	#0	QPSK	1MHz-5MHz	27.56	PASS
1	20	18300	18	#0	QPSK	5MHz-20MHz	20.43	PASS
1	20	18300	18	#0	QPSK	20MHz-25MHz	14.04	PASS
1	20	18300	18	#Max	QPSK	-1MHz-0MHz	29.97	PASS
1	20	18300	18	#Max	QPSK	-5MHz--1MHz	27.01	PASS
1	20	18300	18	#Max	QPSK	-20MHz--5MHz	20.40	PASS
1	20	18300	18	#Max	QPSK	-25MHz--20MHz	13.62	PASS
1	20	18300	18	#Max	QPSK	0MHz-1MHz	6.48	PASS
1	20	18300	18	#Max	QPSK	1MHz-5MHz	9.46	PASS
1	20	18300	18	#Max	QPSK	5MHz-20MHz	21.77	PASS
1	20	18300	18	#Max	QPSK	20MHz-25MHz	13.64	PASS
1	20	18300	100	#0	QPSK	-1MHz-0MHz	13.10	PASS
1	20	18300	100	#0	QPSK	-5MHz--1MHz	11.42	PASS
1	20	18300	100	#0	QPSK	-20MHz--5MHz	9.61	PASS
1	20	18300	100	#0	QPSK	-25MHz--20MHz	9.96	PASS
1	20	18300	100	#0	QPSK	0MHz-1MHz	13.97	PASS
1	20	18300	100	#0	QPSK	1MHz-5MHz	12.89	PASS
1	20	18300	100	#0	QPSK	5MHz-20MHz	11.74	PASS
1	20	18300	100	#0	QPSK	20MHz-25MHz	11.01	PASS
1	20	18300	18	#0	QAM16	-1MHz-0MHz	5.94	PASS
1	20	18300	18	#0	QAM16	-5MHz--1MHz	10.20	PASS
1	20	18300	18	#0	QAM16	-20MHz--5MHz	22.00	PASS
1	20	18300	18	#0	QAM16	-25MHz--20MHz	13.37	PASS
1	20	18300	18	#0	QAM16	0MHz-1MHz	31.12	PASS
1	20	18300	18	#0	QAM16	1MHz-5MHz	27.78	PASS
1	20	18300	18	#0	QAM16	5MHz-20MHz	21.11	PASS
1	20	18300	18	#0	QAM16	20MHz-25MHz	14.07	PASS
1	20	18300	18	#Max	QAM16	-1MHz-0MHz	30.19	PASS
1	20	18300	18	#Max	QAM16	-5MHz--1MHz	27.11	PASS

1	20	18300	18	#Max	QAM16	-20MHz--5MHz	21.41	PASS
1	20	18300	18	#Max	QAM16	-25MHz--20MHz	13.58	PASS
1	20	18300	18	#Max	QAM16	0MHz-1MHz	10.43	PASS
1	20	18300	18	#Max	QAM16	1MHz-5MHz	13.00	PASS
1	20	18300	18	#Max	QAM16	5MHz-20MHz	23.42	PASS
1	20	18300	18	#Max	QAM16	20MHz-25MHz	13.85	PASS
1	20	18300	100	#0	QAM16	-1MHz-0MHz	15.09	PASS
1	20	18300	100	#0	QAM16	-5MHz--1MHz	14.49	PASS
1	20	18300	100	#0	QAM16	-20MHz--5MHz	12.68	PASS
1	20	18300	100	#0	QAM16	-25MHz--20MHz	9.64	PASS
1	20	18300	100	#0	QAM16	0MHz-1MHz	18.19	PASS
1	20	18300	100	#0	QAM16	1MHz-5MHz	16.20	PASS
1	20	18300	100	#0	QAM16	5MHz-20MHz	14.45	PASS
1	20	18300	100	#0	QAM16	20MHz-25MHz	10.82	PASS
1	20	18500	18	#0	QPSK	-1MHz-0MHz	11.18	PASS
1	20	18500	18	#0	QPSK	-5MHz--1MHz	13.29	PASS
1	20	18500	18	#0	QPSK	-20MHz--5MHz	22.46	PASS
1	20	18500	18	#0	QPSK	-25MHz--20MHz	13.18	PASS
1	20	18500	18	#0	QPSK	0MHz-1MHz	31.42	PASS
1	20	18500	18	#0	QPSK	1MHz-5MHz	28.19	PASS
1	20	18500	18	#0	QPSK	5MHz-20MHz	19.16	PASS
1	20	18500	18	#0	QPSK	20MHz-25MHz	13.79	PASS
1	20	18500	18	#Max	QPSK	-1MHz-0MHz	31.01	PASS
1	20	18500	18	#Max	QPSK	-5MHz--1MHz	27.83	PASS
1	20	18500	18	#Max	QPSK	-20MHz--5MHz	19.98	PASS
1	20	18500	18	#Max	QPSK	-25MHz--20MHz	13.42	PASS
1	20	18500	18	#Max	QPSK	0MHz-1MHz	8.45	PASS
1	20	18500	18	#Max	QPSK	1MHz-5MHz	11.23	PASS
1	20	18500	18	#Max	QPSK	5MHz-20MHz	22.93	PASS
1	20	18500	18	#Max	QPSK	20MHz-25MHz	13.74	PASS
1	20	18500	100	#0	QPSK	-1MHz-0MHz	20.37	PASS
1	20	18500	100	#0	QPSK	-5MHz--1MHz	19.41	PASS
1	20	18500	100	#0	QPSK	-20MHz--5MHz	17.88	PASS
1	20	18500	100	#0	QPSK	-25MHz--20MHz	11.12	PASS
1	20	18500	100	#0	QPSK	0MHz-1MHz	20.15	PASS
1	20	18500	100	#0	QPSK	1MHz-5MHz	18.86	PASS
1	20	18500	100	#0	QPSK	5MHz-20MHz	17.31	PASS
1	20	18500	100	#0	QPSK	20MHz-25MHz	13.17	PASS
1	20	18500	18	#0	QAM16	-1MHz-0MHz	13.25	PASS
1	20	18500	18	#0	QAM16	-5MHz--1MHz	16.28	PASS
1	20	18500	18	#0	QAM16	-20MHz--5MHz	23.40	PASS
1	20	18500	18	#0	QAM16	-25MHz--20MHz	13.23	PASS
1	20	18500	18	#0	QAM16	0MHz-1MHz	31.23	PASS

1	20	18500	18	#0	QAM16	1MHz-5MHz	28.25	PASS
1	20	18500	18	#0	QAM16	5MHz-20MHz	20.31	PASS
1	20	18500	18	#0	QAM16	20MHz-25MHz	13.82	PASS
1	20	18500	18	#Max	QAM16	-1MHz-0MHz	31.39	PASS
1	20	18500	18	#Max	QAM16	-5MHz--1MHz	27.90	PASS
1	20	18500	18	#Max	QAM16	-20MHz--5MHz	21.16	PASS
1	20	18500	18	#Max	QAM16	-25MHz--20MHz	13.40	PASS
1	20	18500	18	#Max	QAM16	0MHz-1MHz	11.31	PASS
1	20	18500	18	#Max	QAM16	1MHz-5MHz	14.74	PASS
1	20	18500	18	#Max	QAM16	5MHz-20MHz	24.10	PASS
1	20	18500	18	#Max	QAM16	20MHz-25MHz	13.65	PASS
1	20	18500	100	#0	QAM16	-1MHz-0MHz	23.10	PASS
1	20	18500	100	#0	QAM16	-5MHz--1MHz	21.80	PASS
1	20	18500	100	#0	QAM16	-20MHz--5MHz	19.50	PASS
1	20	18500	100	#0	QAM16	-25MHz--20MHz	11.49	PASS
1	20	18500	100	#0	QAM16	0MHz-1MHz	21.90	PASS
1	20	18500	100	#0	QAM16	1MHz-5MHz	21.13	PASS
1	20	18500	100	#0	QAM16	5MHz-20MHz	19.19	PASS
1	20	18500	100	#0	QAM16	20MHz-25MHz	13.24	PASS
20	5	24175	8	#0	QPSK	-1MHz-0MHz	9.57	PASS
20	5	24175	8	#0	QPSK	-5MHz--1MHz	17.51	PASS
20	5	24175	8	#0	QPSK	-6MHz--5MHz	24.56	PASS
20	5	24175	8	#0	QPSK	-10MHz--6MHz	12.48	PASS
20	5	24175	8	#0	QPSK	0MHz-1MHz	31.36	PASS
20	5	24175	8	#0	QPSK	1MHz-5MHz	20.00	PASS
20	5	24175	8	#0	QPSK	5MHz-6MHz	24.64	PASS
20	5	24175	8	#0	QPSK	6MHz-10MHz	12.79	PASS
20	5	24175	8	#Max	QPSK	-1MHz-0MHz	33.70	PASS
20	5	24175	8	#Max	QPSK	-5MHz--1MHz	22.76	PASS
20	5	24175	8	#Max	QPSK	-6MHz--5MHz	24.66	PASS
20	5	24175	8	#Max	QPSK	-10MHz--6MHz	12.51	PASS
20	5	24175	8	#Max	QPSK	0MHz-1MHz	10.33	PASS
20	5	24175	8	#Max	QPSK	1MHz-5MHz	15.18	PASS
20	5	24175	8	#Max	QPSK	5MHz-6MHz	23.52	PASS
20	5	24175	8	#Max	QPSK	6MHz-10MHz	12.42	PASS
20	5	24175	25	#0	QPSK	-1MHz-0MHz	18.75	PASS
20	5	24175	25	#0	QPSK	-5MHz--1MHz	17.33	PASS
20	5	24175	25	#0	QPSK	-6MHz--5MHz	24.07	PASS
20	5	24175	25	#0	QPSK	-10MHz--6MHz	12.47	PASS
20	5	24175	25	#0	QPSK	0MHz-1MHz	15.79	PASS
20	5	24175	25	#0	QPSK	1MHz-5MHz	14.65	PASS
20	5	24175	25	#0	QPSK	5MHz-6MHz	19.60	PASS
20	5	24175	25	#0	QPSK	6MHz-10MHz	8.64	PASS

20	5	24175	8	#0	QAM16	-1MHz-0MHz	14.29	PASS
20	5	24175	8	#0	QAM16	-5MHz--1MHz	20.76	PASS
20	5	24175	8	#0	QAM16	-6MHz--5MHz	24.51	PASS
20	5	24175	8	#0	QAM16	-10MHz--6MHz	12.44	PASS
20	5	24175	8	#0	QAM16	0MHz-1MHz	32.47	PASS
20	5	24175	8	#0	QAM16	1MHz-5MHz	21.44	PASS
20	5	24175	8	#0	QAM16	5MHz-6MHz	24.59	PASS
20	5	24175	8	#0	QAM16	6MHz-10MHz	12.86	PASS
20	5	24175	8	#Max	QAM16	-1MHz-0MHz	34.40	PASS
20	5	24175	8	#Max	QAM16	-5MHz--1MHz	23.80	PASS
20	5	24175	8	#Max	QAM16	-6MHz--5MHz	24.70	PASS
20	5	24175	8	#Max	QAM16	-10MHz--6MHz	12.51	PASS
20	5	24175	8	#Max	QAM16	0MHz-1MHz	12.31	PASS
20	5	24175	8	#Max	QAM16	1MHz-5MHz	18.72	PASS
20	5	24175	8	#Max	QAM16	5MHz-6MHz	24.06	PASS
20	5	24175	8	#Max	QAM16	6MHz-10MHz	12.51	PASS
20	5	24175	25	#0	QAM16	-1MHz-0MHz	22.18	PASS
20	5	24175	25	#0	QAM16	-5MHz--1MHz	18.96	PASS
20	5	24175	25	#0	QAM16	-6MHz--5MHz	23.95	PASS
20	5	24175	25	#0	QAM16	-10MHz--6MHz	12.45	PASS
20	5	24175	25	#0	QAM16	0MHz-1MHz	15.49	PASS
20	5	24175	25	#0	QAM16	1MHz-5MHz	15.58	PASS
20	5	24175	25	#0	QAM16	5MHz-6MHz	20.19	PASS
20	5	24175	25	#0	QAM16	6MHz-10MHz	9.25	PASS
20	5	24300	8	#0	QPSK	-1MHz-0MHz	7.58	PASS
20	5	24300	8	#0	QPSK	-5MHz--1MHz	17.93	PASS
20	5	24300	8	#0	QPSK	-6MHz--5MHz	23.70	PASS
20	5	24300	8	#0	QPSK	-10MHz--6MHz	12.34	PASS
20	5	24300	8	#0	QPSK	0MHz-1MHz	32.23	PASS
20	5	24300	8	#0	QPSK	1MHz-5MHz	20.71	PASS
20	5	24300	8	#0	QPSK	5MHz-6MHz	24.85	PASS
20	5	24300	8	#0	QPSK	6MHz-10MHz	12.99	PASS
20	5	24300	8	#Max	QPSK	-1MHz-0MHz	32.82	PASS
20	5	24300	8	#Max	QPSK	-5MHz--1MHz	21.50	PASS
20	5	24300	8	#Max	QPSK	-6MHz--5MHz	24.53	PASS
20	5	24300	8	#Max	QPSK	-10MHz--6MHz	12.57	PASS
20	5	24300	8	#Max	QPSK	0MHz-1MHz	8.47	PASS
20	5	24300	8	#Max	QPSK	1MHz-5MHz	21.36	PASS
20	5	24300	8	#Max	QPSK	5MHz-6MHz	23.14	PASS
20	5	24300	8	#Max	QPSK	6MHz-10MHz	12.10	PASS
20	5	24300	25	#0	QPSK	-1MHz-0MHz	16.94	PASS
20	5	24300	25	#0	QPSK	-5MHz--1MHz	15.95	PASS
20	5	24300	25	#0	QPSK	-6MHz--5MHz	23.17	PASS

20	5	24300	25	#0	QPSK	-10MHz--6MHz	11.65	PASS
20	5	24300	25	#0	QPSK	0MHz-1MHz	17.59	PASS
20	5	24300	25	#0	QPSK	1MHz-5MHz	20.58	PASS
20	5	24300	25	#0	QPSK	5MHz-6MHz	21.30	PASS
20	5	24300	25	#0	QPSK	6MHz-10MHz	9.83	PASS
20	5	24300	8	#0	QAM16	-1MHz-0MHz	9.61	PASS
20	5	24300	8	#0	QAM16	-5MHz--1MHz	20.69	PASS
20	5	24300	8	#0	QAM16	-6MHz--5MHz	23.88	PASS
20	5	24300	8	#0	QAM16	-10MHz--6MHz	12.33	PASS
20	5	24300	8	#0	QAM16	0MHz-1MHz	33.53	PASS
20	5	24300	8	#0	QAM16	1MHz-5MHz	22.22	PASS
20	5	24300	8	#0	QAM16	5MHz-6MHz	24.78	PASS
20	5	24300	8	#0	QAM16	6MHz-10MHz	12.91	PASS
20	5	24300	8	#Max	QAM16	-1MHz-0MHz	33.72	PASS
20	5	24300	8	#Max	QAM16	-5MHz--1MHz	22.80	PASS
20	5	24300	8	#Max	QAM16	-6MHz--5MHz	24.59	PASS
20	5	24300	8	#Max	QAM16	-10MHz--6MHz	12.58	PASS
20	5	24300	8	#Max	QAM16	0MHz-1MHz	12.28	PASS
20	5	24300	8	#Max	QAM16	1MHz-5MHz	22.26	PASS
20	5	24300	8	#Max	QAM16	5MHz-6MHz	23.57	PASS
20	5	24300	8	#Max	QAM16	6MHz-10MHz	12.26	PASS
20	5	24300	25	#0	QAM16	-1MHz-0MHz	17.07	PASS
20	5	24300	25	#0	QAM16	-5MHz--1MHz	17.94	PASS
20	5	24300	25	#0	QAM16	-6MHz--5MHz	23.23	PASS
20	5	24300	25	#0	QAM16	-10MHz--6MHz	11.71	PASS
20	5	24300	25	#0	QAM16	0MHz-1MHz	17.85	PASS
20	5	24300	25	#0	QAM16	1MHz-5MHz	21.08	PASS
20	5	24300	25	#0	QAM16	5MHz-6MHz	21.83	PASS
20	5	24300	25	#0	QAM16	6MHz-10MHz	10.47	PASS
20	5	24425	8	#0	QPSK	-1MHz-0MHz	9.11	PASS
20	5	24425	8	#0	QPSK	-5MHz--1MHz	14.67	PASS
20	5	24425	8	#0	QPSK	-6MHz--5MHz	24.00	PASS
20	5	24425	8	#0	QPSK	-10MHz--6MHz	12.36	PASS
20	5	24425	8	#0	QPSK	0MHz-1MHz	33.62	PASS
20	5	24425	8	#0	QPSK	1MHz-5MHz	23.01	PASS
20	5	24425	8	#0	QPSK	5MHz-6MHz	24.93	PASS
20	5	24425	8	#0	QPSK	6MHz-10MHz	12.99	PASS
20	5	24425	8	#Max	QPSK	-1MHz-0MHz	31.93	PASS
20	5	24425	8	#Max	QPSK	-5MHz--1MHz	20.53	PASS
20	5	24425	8	#Max	QPSK	-6MHz--5MHz	24.66	PASS
20	5	24425	8	#Max	QPSK	-10MHz--6MHz	12.65	PASS
20	5	24425	8	#Max	QPSK	0MHz-1MHz	8.12	PASS
20	5	24425	8	#Max	QPSK	1MHz-5MHz	17.15	PASS

20	5	24425	8	#Max	QPSK	5MHz-6MHz	24.07	PASS
20	5	24425	8	#Max	QPSK	6MHz-10MHz	12.55	PASS
20	5	24425	25	#0	QPSK	-1MHz-0MHz	16.59	PASS
20	5	24425	25	#0	QPSK	-5MHz--1MHz	13.26	PASS
20	5	24425	25	#0	QPSK	-6MHz--5MHz	21.36	PASS
20	5	24425	25	#0	QPSK	-10MHz--6MHz	9.95	PASS
20	5	24425	25	#0	QPSK	0MHz-1MHz	16.83	PASS
20	5	24425	25	#0	QPSK	1MHz-5MHz	15.72	PASS
20	5	24425	25	#0	QPSK	5MHz-6MHz	23.45	PASS
20	5	24425	25	#0	QPSK	6MHz-10MHz	12.13	PASS
20	5	24425	8	#0	QAM16	-1MHz-0MHz	11.02	PASS
20	5	24425	8	#0	QAM16	-5MHz--1MHz	17.29	PASS
20	5	24425	8	#0	QAM16	-6MHz--5MHz	24.31	PASS
20	5	24425	8	#0	QAM16	-10MHz--6MHz	12.65	PASS
20	5	24425	8	#0	QAM16	0MHz-1MHz	34.66	PASS
20	5	24425	8	#0	QAM16	1MHz-5MHz	24.07	PASS
20	5	24425	8	#0	QAM16	5MHz-6MHz	24.96	PASS
20	5	24425	8	#0	QAM16	6MHz-10MHz	13.03	PASS
20	5	24425	8	#Max	QAM16	-1MHz-0MHz	33.31	PASS
20	5	24425	8	#Max	QAM16	-5MHz--1MHz	21.77	PASS
20	5	24425	8	#Max	QAM16	-6MHz--5MHz	24.71	PASS
20	5	24425	8	#Max	QAM16	-10MHz--6MHz	12.56	PASS
20	5	24425	8	#Max	QAM16	0MHz-1MHz	12.29	PASS
20	5	24425	8	#Max	QAM16	1MHz-5MHz	19.65	PASS
20	5	24425	8	#Max	QAM16	5MHz-6MHz	24.14	PASS
20	5	24425	8	#Max	QAM16	6MHz-10MHz	12.67	PASS
20	5	24425	25	#0	QAM16	-1MHz-0MHz	16.54	PASS
20	5	24425	25	#0	QAM16	-5MHz--1MHz	15.24	PASS
20	5	24425	25	#0	QAM16	-6MHz--5MHz	21.83	PASS
20	5	24425	25	#0	QAM16	-10MHz--6MHz	10.68	PASS
20	5	24425	25	#0	QAM16	0MHz-1MHz	20.21	PASS
20	5	24425	25	#0	QAM16	1MHz-5MHz	18.26	PASS
20	5	24425	25	#0	QAM16	5MHz-6MHz	23.83	PASS
20	5	24425	25	#0	QAM16	6MHz-10MHz	12.37	PASS
20	10	24200	12	#0	QPSK	-1MHz-0MHz	14.33	PASS
20	10	24200	12	#0	QPSK	-5MHz--1MHz	17.77	PASS
20	10	24200	12	#0	QPSK	-10MHz--5MHz	24.96	PASS
20	10	24200	12	#0	QPSK	-15MHz--10MHz	12.34	PASS
20	10	24200	12	#0	QPSK	0MHz-1MHz	32.06	PASS
20	10	24200	12	#0	QPSK	1MHz-5MHz	23.50	PASS
20	10	24200	12	#0	QPSK	5MHz-10MHz	19.80	PASS
20	10	24200	12	#0	QPSK	10MHz-15MHz	13.81	PASS
20	10	24200	12	#Max	QPSK	-1MHz-0MHz	33.92	PASS

20	10	24200	12	#Max	QPSK	-5MHz--1MHz	26.98	PASS
20	10	24200	12	#Max	QPSK	-10MHz--5MHz	24.48	PASS
20	10	24200	12	#Max	QPSK	-15MHz--10MHz	12.27	PASS
20	10	24200	12	#Max	QPSK	0MHz-1MHz	8.75	PASS
20	10	24200	12	#Max	QPSK	1MHz-5MHz	13.93	PASS
20	10	24200	12	#Max	QPSK	5MHz-10MHz	25.24	PASS
20	10	24200	12	#Max	QPSK	10MHz-15MHz	13.36	PASS
20	10	24200	50	#0	QPSK	-1MHz-0MHz	22.15	PASS
20	10	24200	50	#0	QPSK	-5MHz--1MHz	20.81	PASS
20	10	24200	50	#0	QPSK	-10MHz--5MHz	22.84	PASS
20	10	24200	50	#0	QPSK	-15MHz--10MHz	12.28	PASS
20	10	24200	50	#0	QPSK	0MHz-1MHz	17.52	PASS
20	10	24200	50	#0	QPSK	1MHz-5MHz	16.41	PASS
20	10	24200	50	#0	QPSK	5MHz-10MHz	16.58	PASS
20	10	24200	50	#0	QPSK	10MHz-15MHz	11.50	PASS
20	10	24200	12	#0	QAM16	-1MHz-0MHz	16.71	PASS
20	10	24200	12	#0	QAM16	-5MHz--1MHz	20.91	PASS
20	10	24200	12	#0	QAM16	-10MHz--5MHz	25.25	PASS
20	10	24200	12	#0	QAM16	-15MHz--10MHz	12.31	PASS
20	10	24200	12	#0	QAM16	0MHz-1MHz	33.08	PASS
20	10	24200	12	#0	QAM16	1MHz-5MHz	25.16	PASS
20	10	24200	12	#0	QAM16	5MHz-10MHz	21.71	PASS
20	10	24200	12	#0	QAM16	10MHz-15MHz	13.80	PASS
20	10	24200	12	#Max	QAM16	-1MHz-0MHz	34.35	PASS
20	10	24200	12	#Max	QAM16	-5MHz--1MHz	27.67	PASS
20	10	24200	12	#Max	QAM16	-10MHz--5MHz	25.12	PASS
20	10	24200	12	#Max	QAM16	-15MHz--10MHz	12.34	PASS
20	10	24200	12	#Max	QAM16	0MHz-1MHz	13.36	PASS
20	10	24200	12	#Max	QAM16	1MHz-5MHz	18.85	PASS
20	10	24200	12	#Max	QAM16	5MHz-10MHz	25.47	PASS
20	10	24200	12	#Max	QAM16	10MHz-15MHz	13.49	PASS
20	10	24200	50	#0	QAM16	-1MHz-0MHz	21.27	PASS
20	10	24200	50	#0	QAM16	-5MHz--1MHz	22.44	PASS
20	10	24200	50	#0	QAM16	-10MHz--5MHz	23.53	PASS
20	10	24200	50	#0	QAM16	-15MHz--10MHz	12.38	PASS
20	10	24200	50	#0	QAM16	0MHz-1MHz	19.88	PASS
20	10	24200	50	#0	QAM16	1MHz-5MHz	19.34	PASS
20	10	24200	50	#0	QAM16	5MHz-10MHz	19.85	PASS
20	10	24200	50	#0	QAM16	10MHz-15MHz	11.91	PASS
20	10	24300	12	#0	QPSK	-1MHz-0MHz	11.57	PASS
20	10	24300	12	#0	QPSK	-5MHz--1MHz	14.72	PASS
20	10	24300	12	#0	QPSK	-10MHz--5MHz	23.96	PASS
20	10	24300	12	#0	QPSK	-15MHz--10MHz	11.39	PASS



20	10	24300	12	#0	QPSK	0MHz-1MHz	32.52	PASS
20	10	24300	12	#0	QPSK	1MHz-5MHz	23.39	PASS
20	10	24300	12	#0	QPSK	5MHz-10MHz	19.78	PASS
20	10	24300	12	#0	QPSK	10MHz-15MHz	12.93	PASS
20	10	24300	12	#Max	QPSK	-1MHz-0MHz	32.75	PASS
20	10	24300	12	#Max	QPSK	-5MHz--1MHz	23.25	PASS
20	10	24300	12	#Max	QPSK	-10MHz--5MHz	20.11	PASS
20	10	24300	12	#Max	QPSK	-15MHz--10MHz	11.56	PASS
20	10	24300	12	#Max	QPSK	0MHz-1MHz	14.19	PASS
20	10	24300	12	#Max	QPSK	1MHz-5MHz	19.29	PASS
20	10	24300	12	#Max	QPSK	5MHz-10MHz	23.64	PASS
20	10	24300	12	#Max	QPSK	10MHz-15MHz	12.33	PASS
20	10	24300	50	#0	QPSK	-1MHz-0MHz	19.43	PASS
20	10	24300	50	#0	QPSK	-5MHz--1MHz	18.11	PASS
20	10	24300	50	#0	QPSK	-10MHz--5MHz	16.89	PASS
20	10	24300	50	#0	QPSK	-15MHz--10MHz	11.44	PASS
20	10	24300	50	#0	QPSK	0MHz-1MHz	22.97	PASS
20	10	24300	50	#0	QPSK	1MHz-5MHz	22.36	PASS
20	10	24300	50	#0	QPSK	5MHz-10MHz	18.38	PASS
20	10	24300	50	#0	QPSK	10MHz-15MHz	11.38	PASS
20	10	24300	12	#0	QAM16	-1MHz-0MHz	12.44	PASS
20	10	24300	12	#0	QAM16	-5MHz--1MHz	18.14	PASS
20	10	24300	12	#0	QAM16	-10MHz--5MHz	24.17	PASS
20	10	24300	12	#0	QAM16	-15MHz--10MHz	11.43	PASS
20	10	24300	12	#0	QAM16	0MHz-1MHz	32.98	PASS
20	10	24300	12	#0	QAM16	1MHz-5MHz	24.13	PASS
20	10	24300	12	#0	QAM16	5MHz-10MHz	20.82	PASS
20	10	24300	12	#0	QAM16	10MHz-15MHz	12.99	PASS
20	10	24300	12	#Max	QAM16	-1MHz-0MHz	32.73	PASS
20	10	24300	12	#Max	QAM16	-5MHz--1MHz	24.17	PASS
20	10	24300	12	#Max	QAM16	-10MHz--5MHz	21.11	PASS
20	10	24300	12	#Max	QAM16	-15MHz--10MHz	11.55	PASS
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20	10	24300	12	#Max	QAM16	1MHz-5MHz	20.70	PASS
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20	10	24300	12	#Max	QAM16	10MHz-15MHz	12.65	PASS
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20	10	24300	50	#0	QAM16	-10MHz--5MHz	18.79	PASS
20	10	24300	50	#0	QAM16	-15MHz--10MHz	11.46	PASS
20	10	24300	50	#0	QAM16	0MHz-1MHz	20.13	PASS
20	10	24300	50	#0	QAM16	1MHz-5MHz	21.18	PASS
20	10	24300	50	#0	QAM16	5MHz-10MHz	18.59	PASS

20	10	24300	50	#0	QAM16	10MHz-15MHz	11.51	PASS
20	10	24400	12	#0	QPSK	-1MHz-0MHz	14.69	PASS
20	10	24400	12	#0	QPSK	-5MHz--1MHz	20.75	PASS
20	10	24400	12	#0	QPSK	-10MHz--5MHz	24.57	PASS
20	10	24400	12	#0	QPSK	-15MHz--10MHz	12.31	PASS
20	10	24400	12	#0	QPSK	0MHz-1MHz	34.08	PASS
20	10	24400	12	#0	QPSK	1MHz-5MHz	24.83	PASS
20	10	24400	12	#0	QPSK	5MHz-10MHz	21.11	PASS
20	10	24400	12	#0	QPSK	10MHz-15MHz	13.92	PASS
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20	10	24400	12	#Max	QPSK	-5MHz--1MHz	24.86	PASS
20	10	24400	12	#Max	QPSK	-10MHz--5MHz	21.49	PASS
20	10	24400	12	#Max	QPSK	-15MHz--10MHz	12.53	PASS
20	10	24400	12	#Max	QPSK	0MHz-1MHz	11.93	PASS
20	10	24400	12	#Max	QPSK	1MHz-5MHz	16.60	PASS
20	10	24400	12	#Max	QPSK	5MHz-10MHz	25.35	PASS
20	10	24400	12	#Max	QPSK	10MHz-15MHz	13.72	PASS
20	10	24400	50	#0	QPSK	-1MHz-0MHz	21.77	PASS
20	10	24400	50	#0	QPSK	-5MHz--1MHz	21.05	PASS
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20	10	24400	12	#0	QAM16	-10MHz--5MHz	25.03	PASS
20	10	24400	12	#0	QAM16	-15MHz--10MHz	12.39	PASS
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20	10	24400	12	#Max	QAM16	-10MHz--5MHz	22.67	PASS
20	10	24400	12	#Max	QAM16	-15MHz--10MHz	12.55	PASS
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20	10	24400	12	#Max	QAM16	1MHz-5MHz	20.31	PASS
20	10	24400	12	#Max	QAM16	5MHz-10MHz	25.58	PASS
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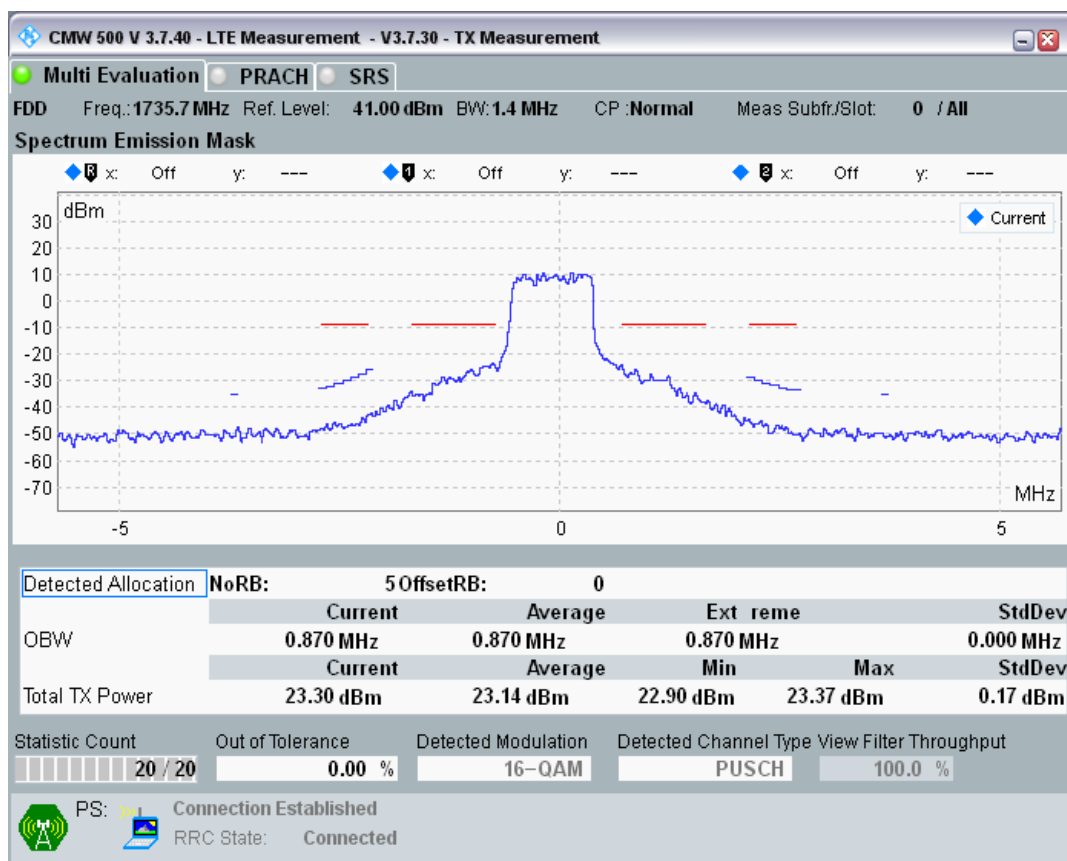
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20	20	24250	18	#0	QPSK	-20MHz--5MHz	24.20	PASS
20	20	24250	18	#0	QPSK	-25MHz--20MHz	7.19	PASS
20	20	24250	18	#0	QPSK	0MHz-1MHz	31.28	PASS
20	20	24250	18	#0	QPSK	1MHz-5MHz	27.97	PASS
20	20	24250	18	#0	QPSK	5MHz-20MHz	22.85	PASS
20	20	24250	18	#0	QPSK	20MHz-25MHz	13.87	PASS
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20	20	24250	18	#Max	QPSK	-20MHz--5MHz	24.37	PASS
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20	20	24250	18	#Max	QPSK	0MHz-1MHz	18.44	PASS
20	20	24250	18	#Max	QPSK	1MHz-5MHz	20.39	PASS
20	20	24250	18	#Max	QPSK	5MHz-20MHz	22.92	PASS
20	20	24250	18	#Max	QPSK	20MHz-25MHz	13.75	PASS
20	20	24250	100	#0	QPSK	-1MHz-0MHz	23.63	PASS
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20	20	24250	100	#0	QPSK	-20MHz--5MHz	23.74	PASS
20	20	24250	100	#0	QPSK	-25MHz--20MHz	7.20	PASS
20	20	24250	100	#0	QPSK	0MHz-1MHz	24.20	PASS
20	20	24250	100	#0	QPSK	1MHz-5MHz	22.57	PASS
20	20	24250	100	#0	QPSK	5MHz-20MHz	20.87	PASS
20	20	24250	100	#0	QPSK	20MHz-25MHz	13.07	PASS
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20	20	24250	18	#0	QAM16	-20MHz--5MHz	24.26	PASS
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20	20	24250	18	#0	QAM16	5MHz-20MHz	23.58	PASS
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20	20	24250	18	#Max	QAM16	-5MHz--1MHz	27.92	PASS
20	20	24250	18	#Max	QAM16	-20MHz--5MHz	24.32	PASS
20	20	24250	18	#Max	QAM16	-25MHz--20MHz	7.25	PASS
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20	20	24250	18	#Max	QAM16	1MHz-5MHz	20.74	PASS
20	20	24250	18	#Max	QAM16	5MHz-20MHz	23.38	PASS
20	20	24250	18	#Max	QAM16	20MHz-25MHz	13.74	PASS
20	20	24250	100	#0	QAM16	-1MHz-0MHz	24.63	PASS
20	20	24250	100	#0	QAM16	-5MHz--1MHz	23.11	PASS
20	20	24250	100	#0	QAM16	-20MHz--5MHz	23.80	PASS
20	20	24250	100	#0	QAM16	-25MHz--20MHz	7.19	PASS
20	20	24250	100	#0	QAM16	0MHz-1MHz	23.33	PASS
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20	20	24300	18	#0	QPSK	-25MHz--20MHz	7.13	PASS
20	20	24300	18	#0	QPSK	0MHz-1MHz	31.32	PASS
20	20	24300	18	#0	QPSK	1MHz-5MHz	28.17	PASS
20	20	24300	18	#0	QPSK	5MHz-20MHz	22.85	PASS
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20	20	24300	18	#Max	QPSK	-20MHz--5MHz	24.02	PASS
20	20	24300	18	#Max	QPSK	-25MHz--20MHz	7.05	PASS
20	20	24300	18	#Max	QPSK	0MHz-1MHz	14.72	PASS
20	20	24300	18	#Max	QPSK	1MHz-5MHz	17.70	PASS
20	20	24300	18	#Max	QPSK	5MHz-20MHz	24.60	PASS
20	20	24300	18	#Max	QPSK	20MHz-25MHz	13.81	PASS
20	20	24300	100	#0	QPSK	-1MHz-0MHz	21.09	PASS
20	20	24300	100	#0	QPSK	-5MHz--1MHz	20.73	PASS
20	20	24300	100	#0	QPSK	-20MHz--5MHz	18.57	PASS
20	20	24300	100	#0	QPSK	-25MHz--20MHz	7.06	PASS
20	20	24300	100	#0	QPSK	0MHz-1MHz	21.56	PASS
20	20	24300	100	#0	QPSK	1MHz-5MHz	21.07	PASS
20	20	24300	100	#0	QPSK	5MHz-20MHz	17.27	PASS
20	20	24300	100	#0	QPSK	20MHz-25MHz	13.67	PASS
20	20	24300	18	#0	QAM16	-1MHz-0MHz	15.31	PASS
20	20	24300	18	#0	QAM16	-5MHz--1MHz	17.69	PASS
20	20	24300	18	#0	QAM16	-20MHz--5MHz	24.17	PASS
20	20	24300	18	#0	QAM16	-25MHz--20MHz	7.06	PASS
20	20	24300	18	#0	QAM16	0MHz-1MHz	31.32	PASS
20	20	24300	18	#0	QAM16	1MHz-5MHz	28.32	PASS
20	20	24300	18	#0	QAM16	5MHz-20MHz	23.68	PASS
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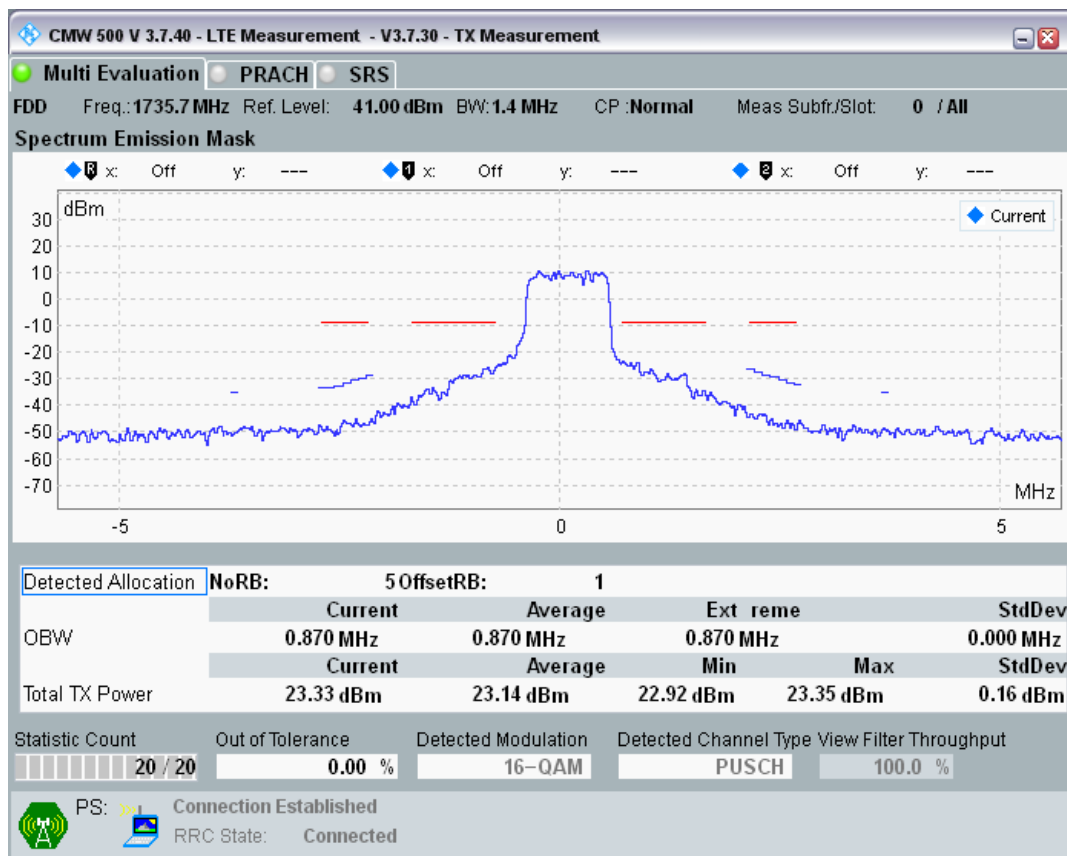
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20	20	24300	18	#Max	QAM16	-5MHz--1MHz	27.94	PASS
20	20	24300	18	#Max	QAM16	-20MHz--5MHz	24.07	PASS
20	20	24300	18	#Max	QAM16	-25MHz--20MHz	7.09	PASS
20	20	24300	18	#Max	QAM16	0MHz-1MHz	16.68	PASS
20	20	24300	18	#Max	QAM16	1MHz-5MHz	19.36	PASS
20	20	24300	18	#Max	QAM16	5MHz-20MHz	24.72	PASS
20	20	24300	18	#Max	QAM16	20MHz-25MHz	13.84	PASS
20	20	24300	100	#0	QAM16	-1MHz-0MHz	22.89	PASS
20	20	24300	100	#0	QAM16	-5MHz--1MHz	22.77	PASS
20	20	24300	100	#0	QAM16	-20MHz--5MHz	20.49	PASS
20	20	24300	100	#0	QAM16	-25MHz--20MHz	7.04	PASS
20	20	24300	100	#0	QAM16	0MHz-1MHz	22.05	PASS
20	20	24300	100	#0	QAM16	1MHz-5MHz	21.52	PASS
20	20	24300	100	#0	QAM16	5MHz-20MHz	18.66	PASS
20	20	24300	100	#0	QAM16	20MHz-25MHz	13.67	PASS
20	20	24350	18	#0	QPSK	-1MHz-0MHz	14.37	PASS
20	20	24350	18	#0	QPSK	-5MHz--1MHz	15.87	PASS
20	20	24350	18	#0	QPSK	-20MHz--5MHz	24.17	PASS
20	20	24350	18	#0	QPSK	-25MHz--20MHz	7.12	PASS
20	20	24350	18	#0	QPSK	0MHz-1MHz	31.67	PASS
20	20	24350	18	#0	QPSK	1MHz-5MHz	28.48	PASS
20	20	24350	18	#0	QPSK	5MHz-20MHz	24.19	PASS
20	20	24350	18	#0	QPSK	20MHz-25MHz	13.94	PASS
20	20	24350	18	#Max	QPSK	-1MHz-0MHz	31.55	PASS
20	20	24350	18	#Max	QPSK	-5MHz--1MHz	27.79	PASS
20	20	24350	18	#Max	QPSK	-20MHz--5MHz	23.43	PASS
20	20	24350	18	#Max	QPSK	-25MHz--20MHz	7.21	PASS
20	20	24350	18	#Max	QPSK	0MHz-1MHz	13.51	PASS
20	20	24350	18	#Max	QPSK	1MHz-5MHz	17.40	PASS
20	20	24350	18	#Max	QPSK	5MHz-20MHz	24.70	PASS
20	20	24350	18	#Max	QPSK	20MHz-25MHz	13.91	PASS
20	20	24350	100	#0	QPSK	-1MHz-0MHz	23.60	PASS
20	20	24350	100	#0	QPSK	-5MHz--1MHz	22.63	PASS
20	20	24350	100	#0	QPSK	-20MHz--5MHz	20.35	PASS
20	20	24350	100	#0	QPSK	-25MHz--20MHz	7.12	PASS
20	20	24350	100	#0	QPSK	0MHz-1MHz	24.16	PASS
20	20	24350	100	#0	QPSK	1MHz-5MHz	22.04	PASS
20	20	24350	100	#0	QPSK	5MHz-20MHz	18.74	PASS
20	20	24350	100	#0	QPSK	20MHz-25MHz	13.93	PASS
20	20	24350	18	#0	QAM16	-1MHz-0MHz	16.45	PASS
20	20	24350	18	#0	QAM16	-5MHz--1MHz	18.56	PASS
20	20	24350	18	#0	QAM16	-20MHz--5MHz	24.18	PASS

20	20	24350	18	#0	QAM16	-25MHz--20MHz	7.10	PASS
20	20	24350	18	#0	QAM16	0MHz-1MHz	31.92	PASS
20	20	24350	18	#0	QAM16	1MHz-5MHz	28.47	PASS
20	20	24350	18	#0	QAM16	5MHz-20MHz	24.69	PASS
20	20	24350	18	#0	QAM16	20MHz-25MHz	13.99	PASS
20	20	24350	18	#Max	QAM16	-1MHz-0MHz	31.27	PASS
20	20	24350	18	#Max	QAM16	-5MHz--1MHz	27.83	PASS
20	20	24350	18	#Max	QAM16	-20MHz--5MHz	23.67	PASS
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20	20	24350	18	#Max	QAM16	0MHz-1MHz	16.07	PASS
20	20	24350	18	#Max	QAM16	1MHz-5MHz	20.84	PASS
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20	20	24350	18	#Max	QAM16	20MHz-25MHz	13.87	PASS
20	20	24350	100	#0	QAM16	-1MHz-0MHz	23.94	PASS
20	20	24350	100	#0	QAM16	-5MHz--1MHz	22.91	PASS
20	20	24350	100	#0	QAM16	-20MHz--5MHz	20.67	PASS
20	20	24350	100	#0	QAM16	-25MHz--20MHz	7.14	PASS
20	20	24350	100	#0	QAM16	0MHz-1MHz	24.52	PASS
20	20	24350	100	#0	QAM16	1MHz-5MHz	22.47	PASS
20	20	24350	100	#0	QAM16	5MHz-20MHz	19.82	PASS
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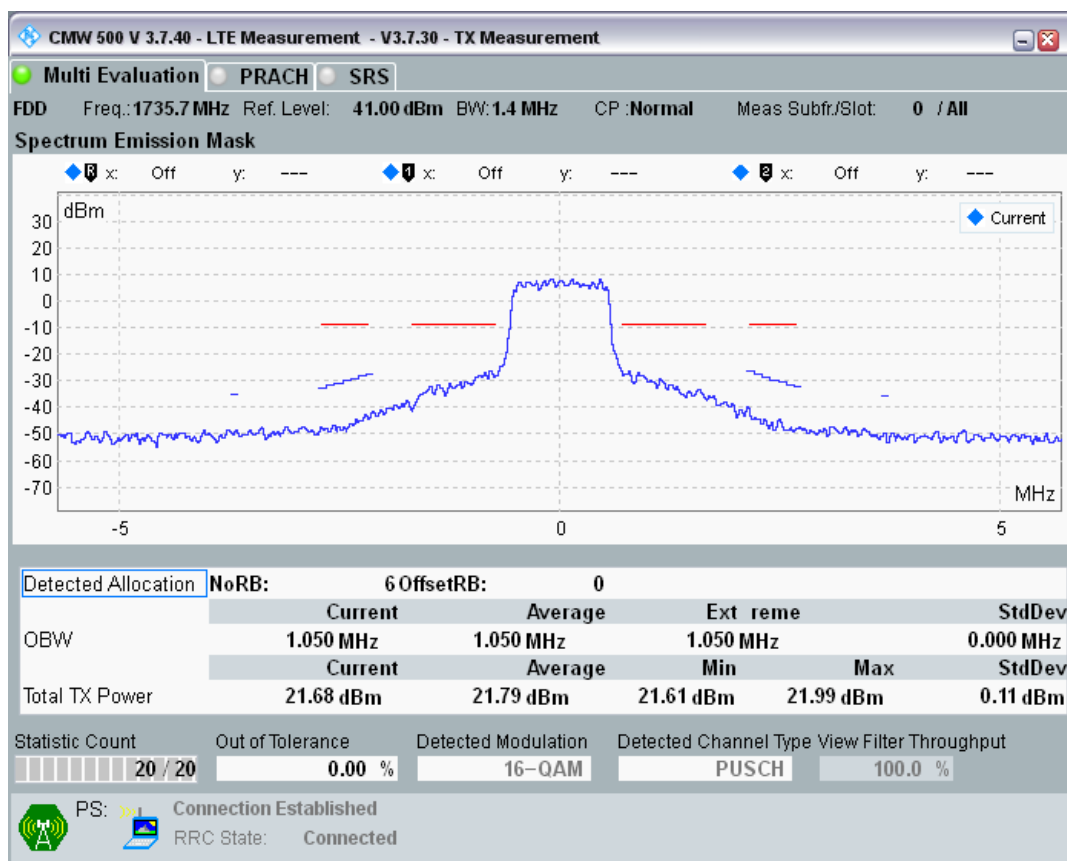


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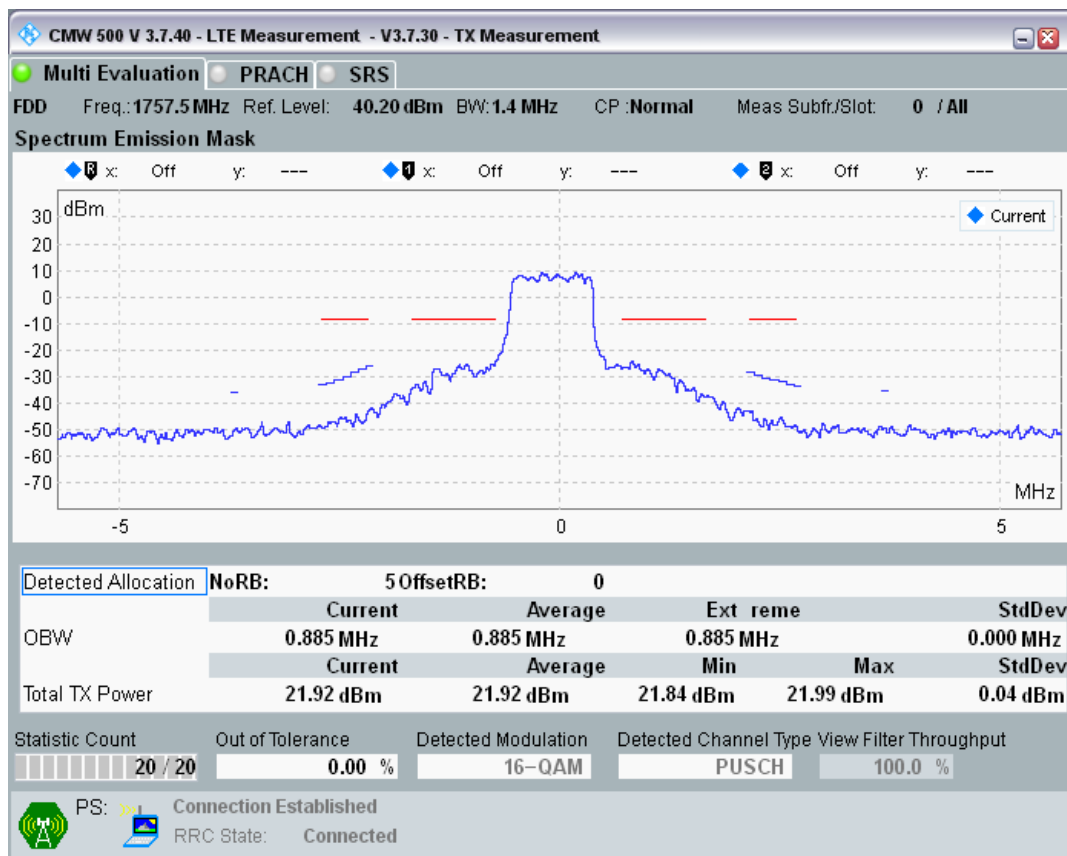




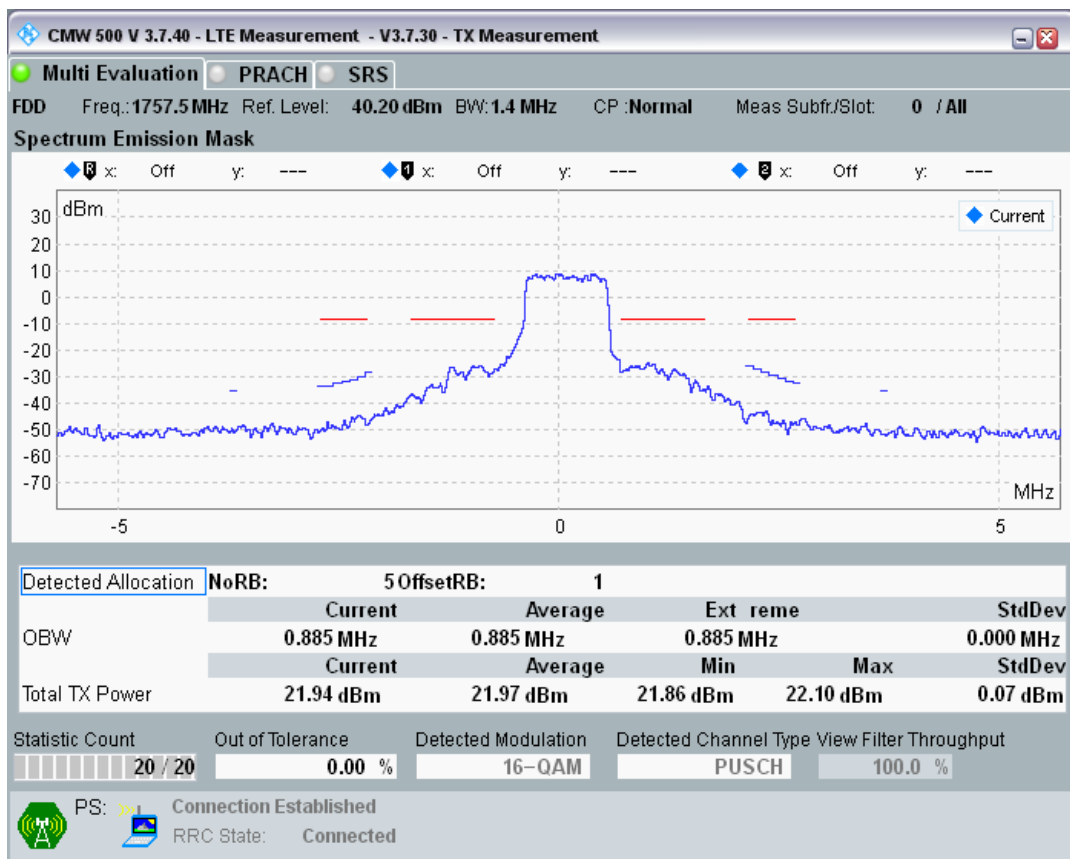
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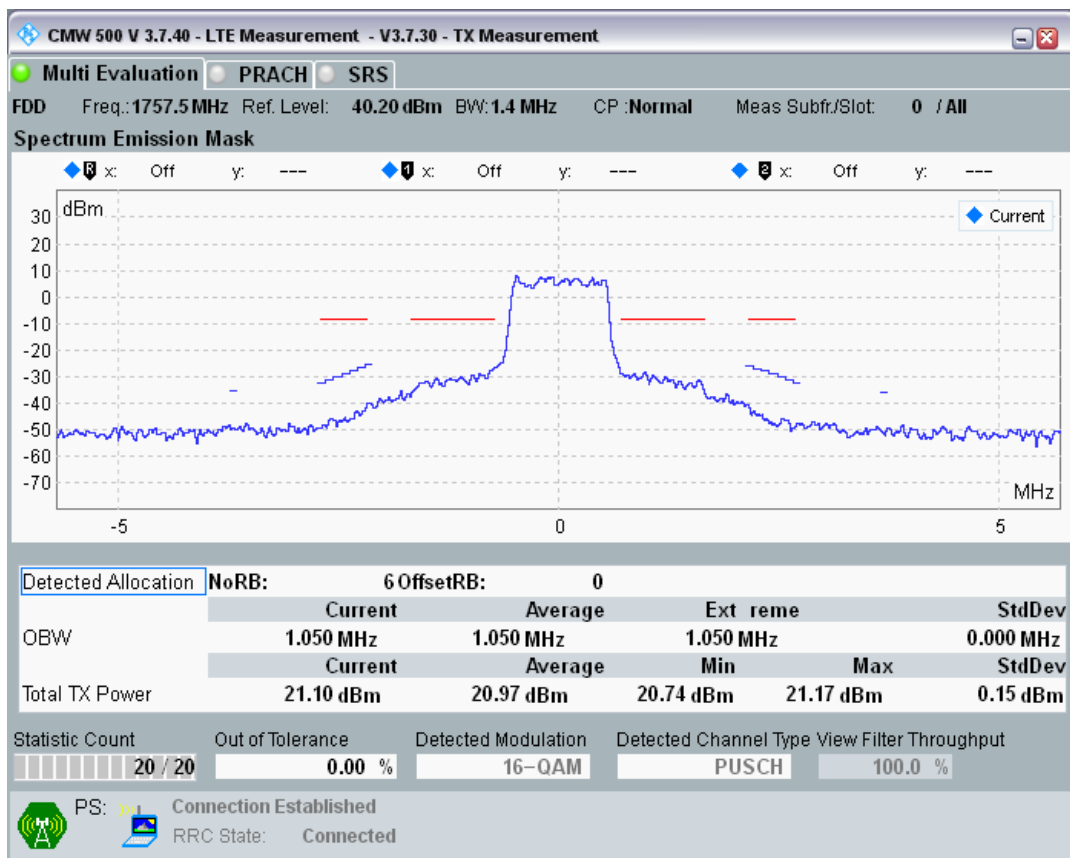
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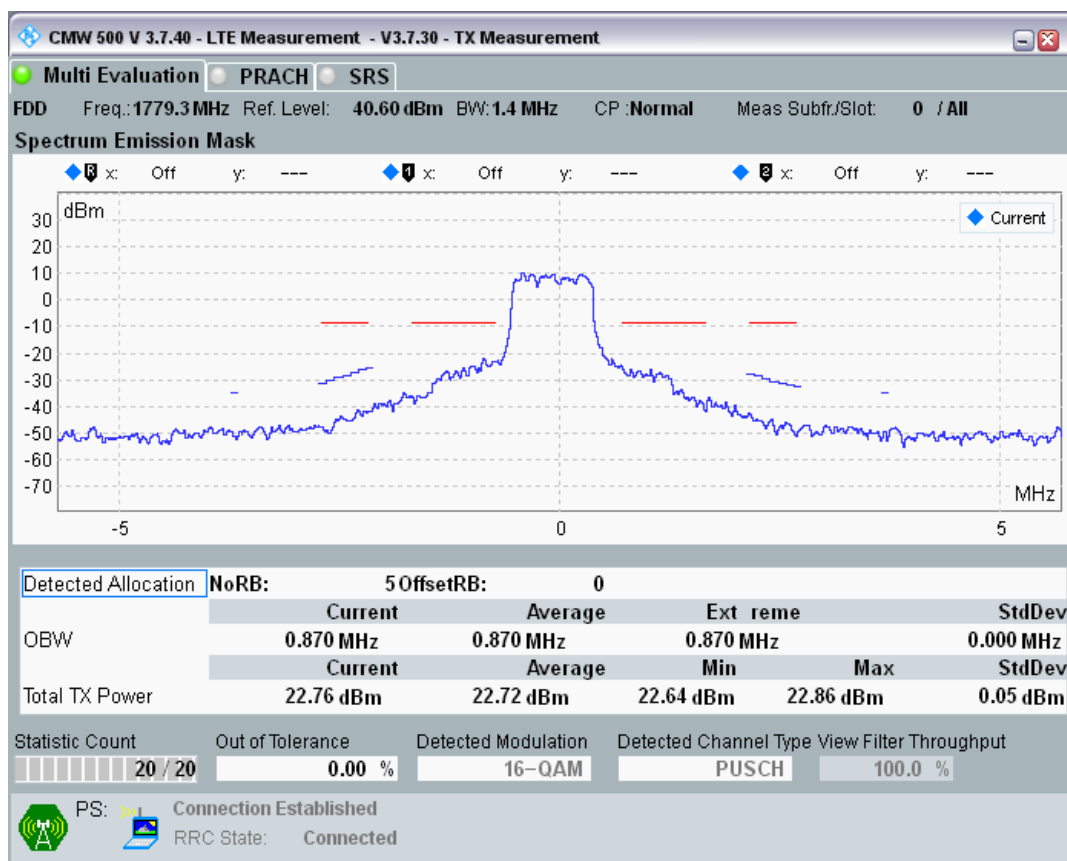
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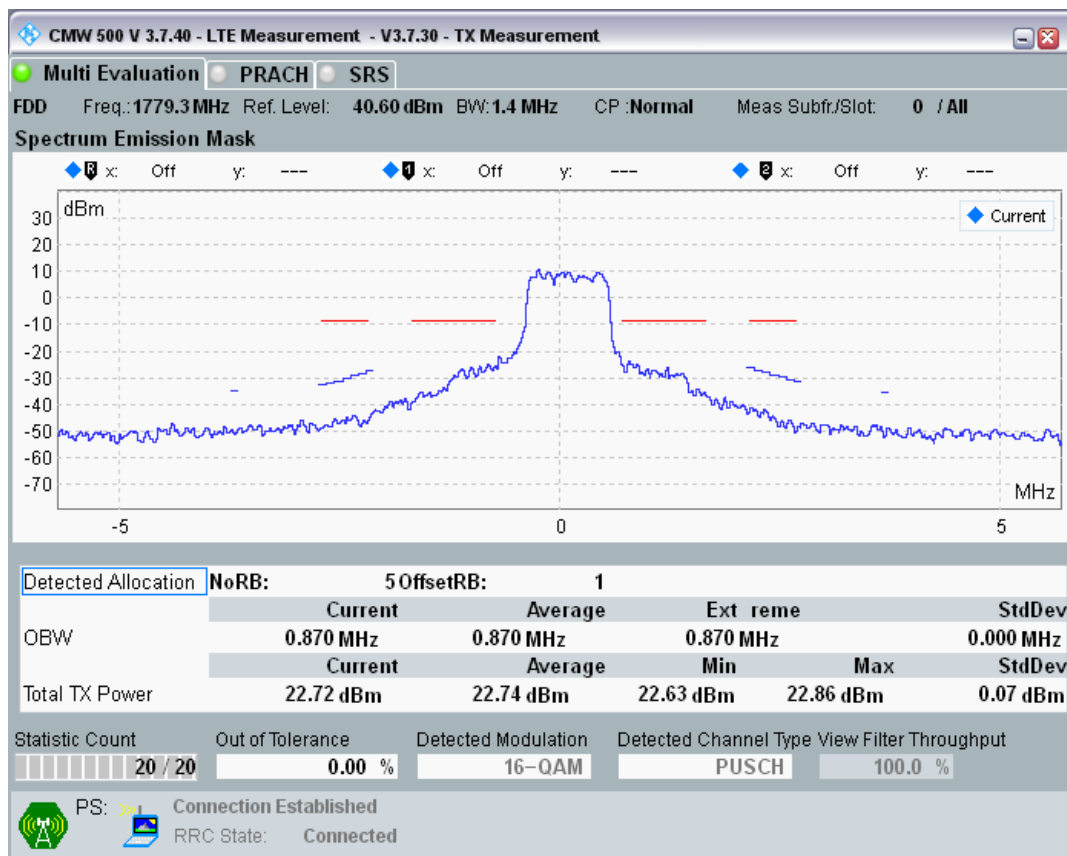
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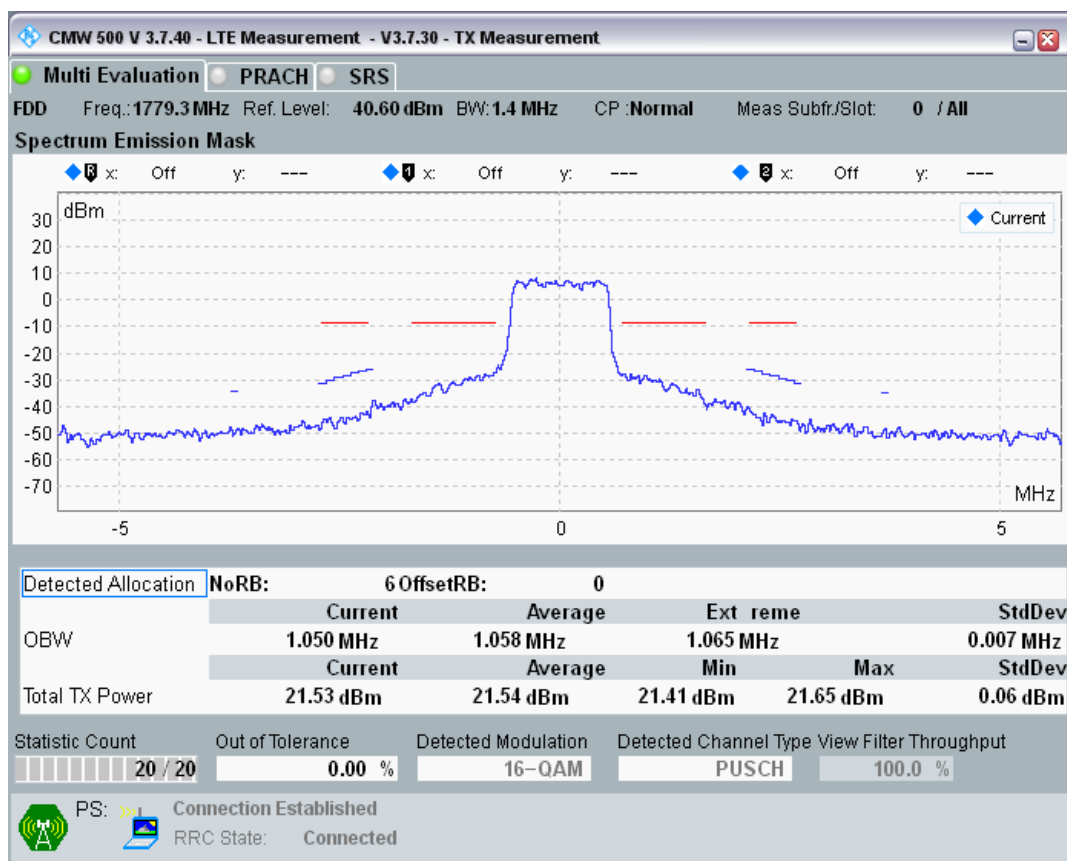
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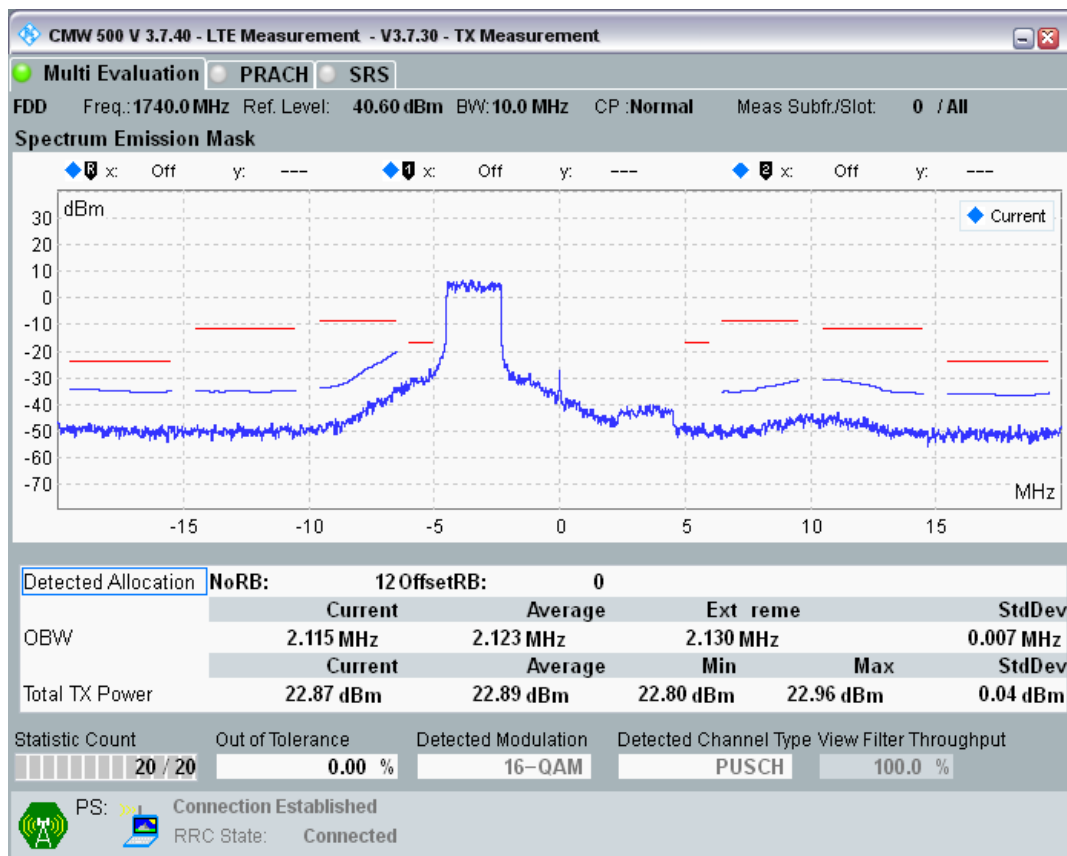
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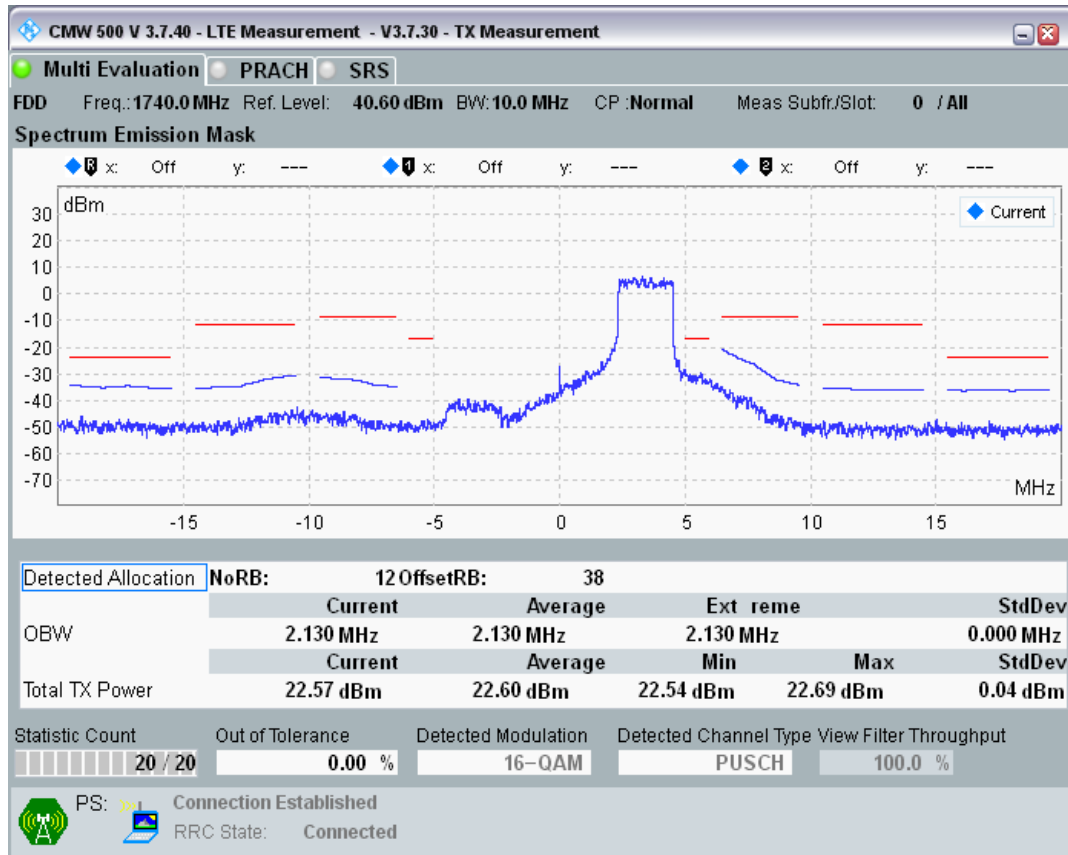
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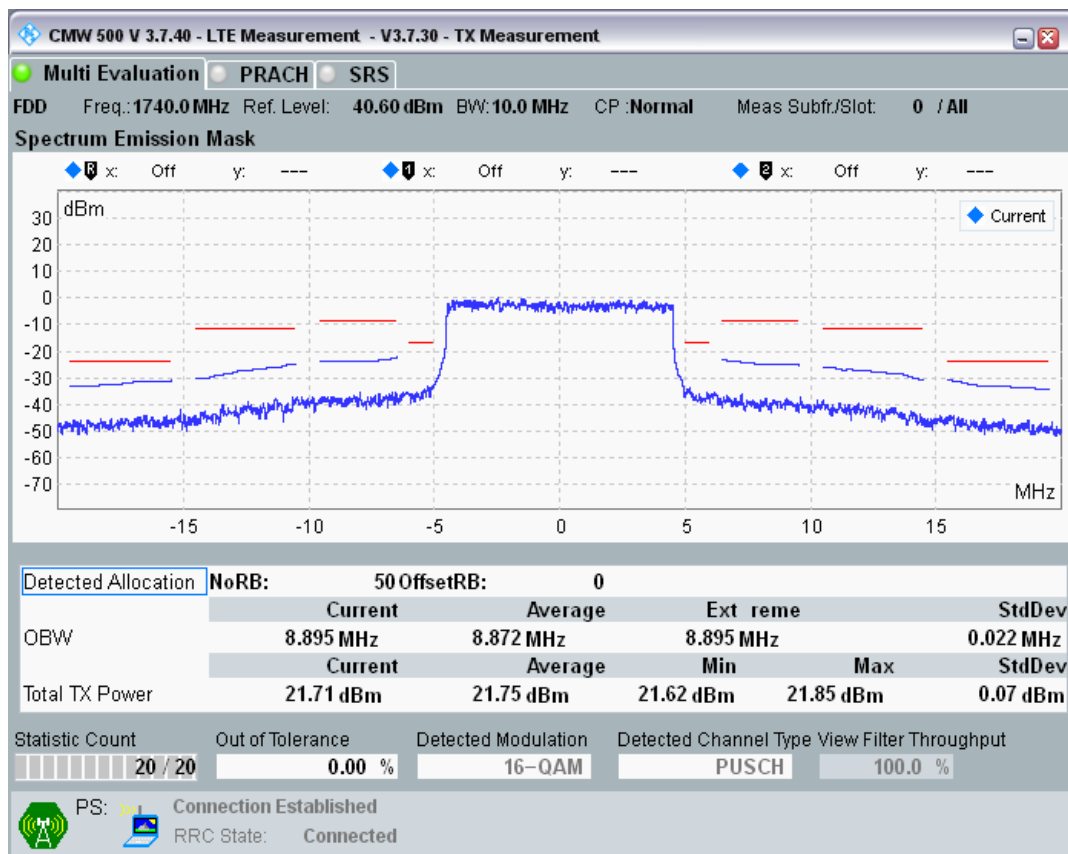
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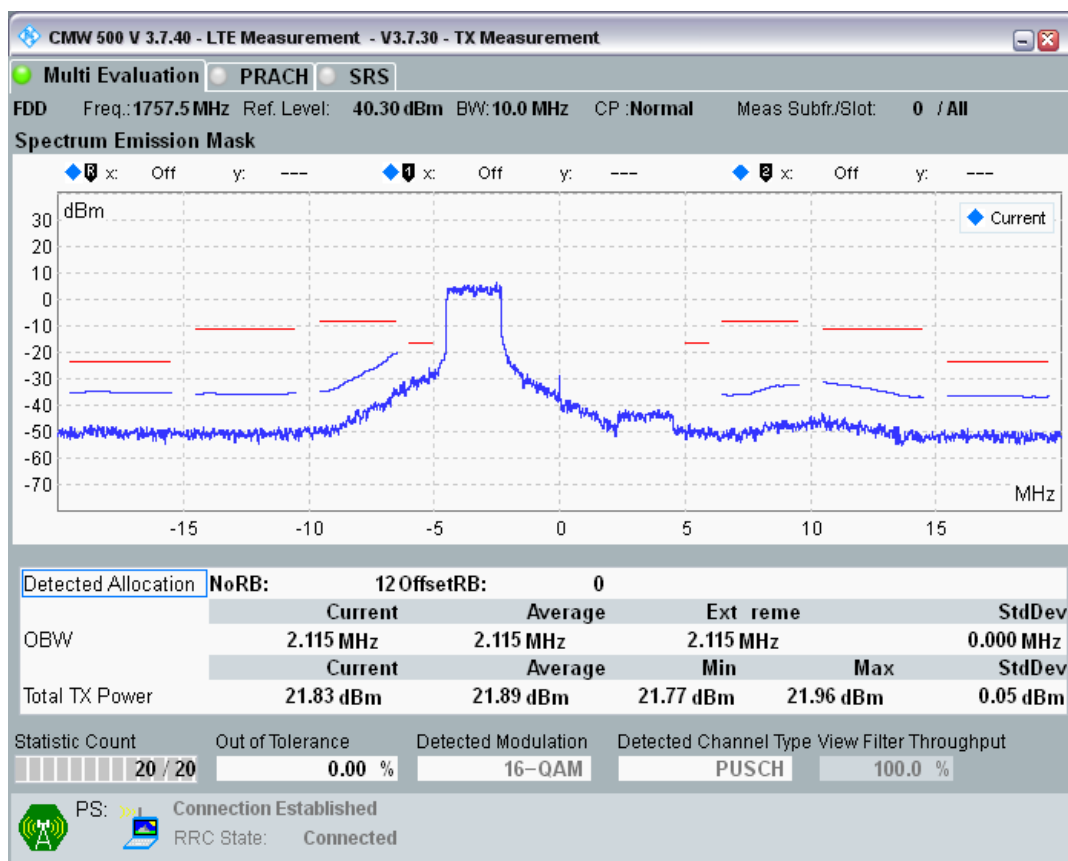
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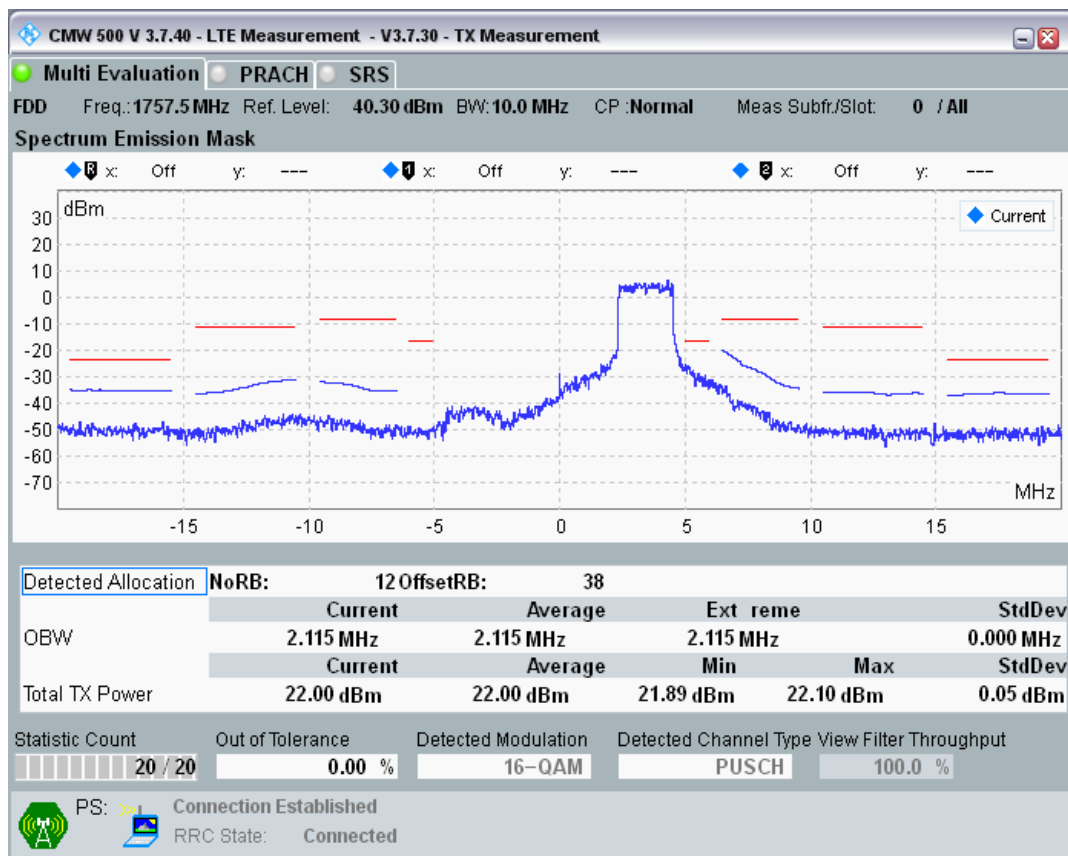
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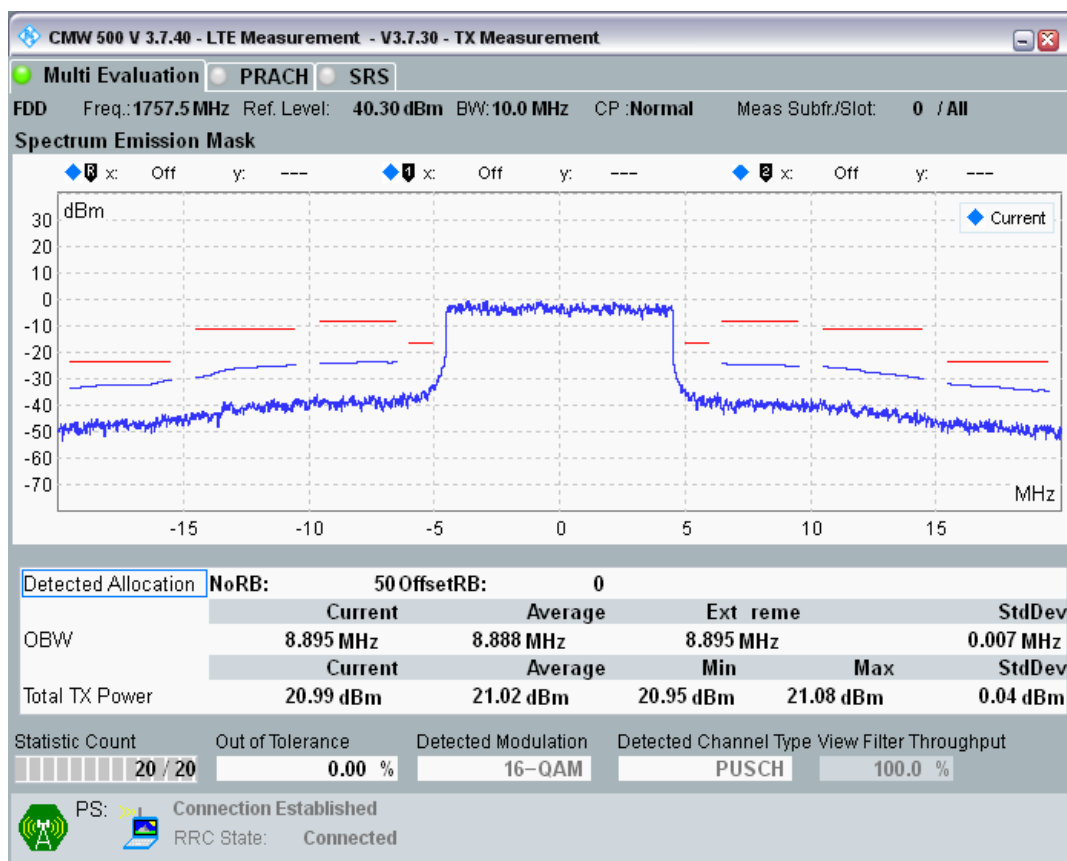
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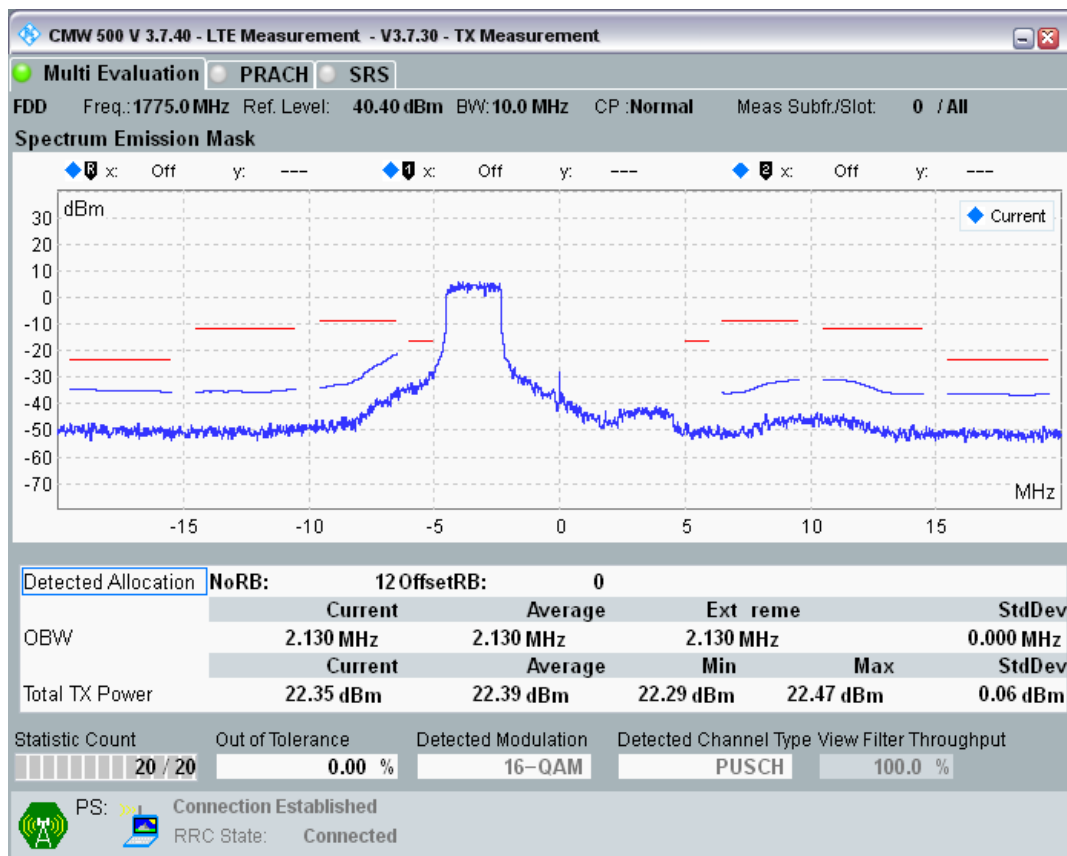
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Band3 QAM16 BW=10MHz Channel=19675 RB Size=50 Position=#0.png

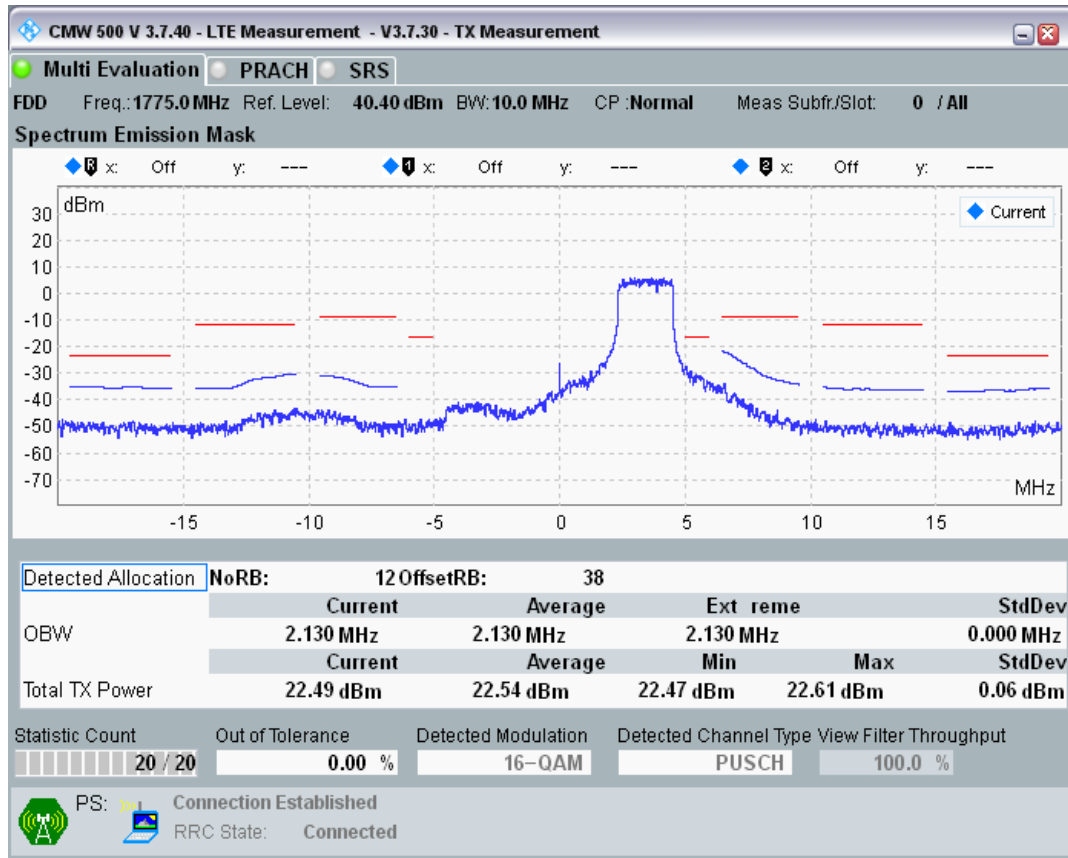


Band3 QAM16 BW=10MHz Channel=19850 RB Size=12 Position=#0.png

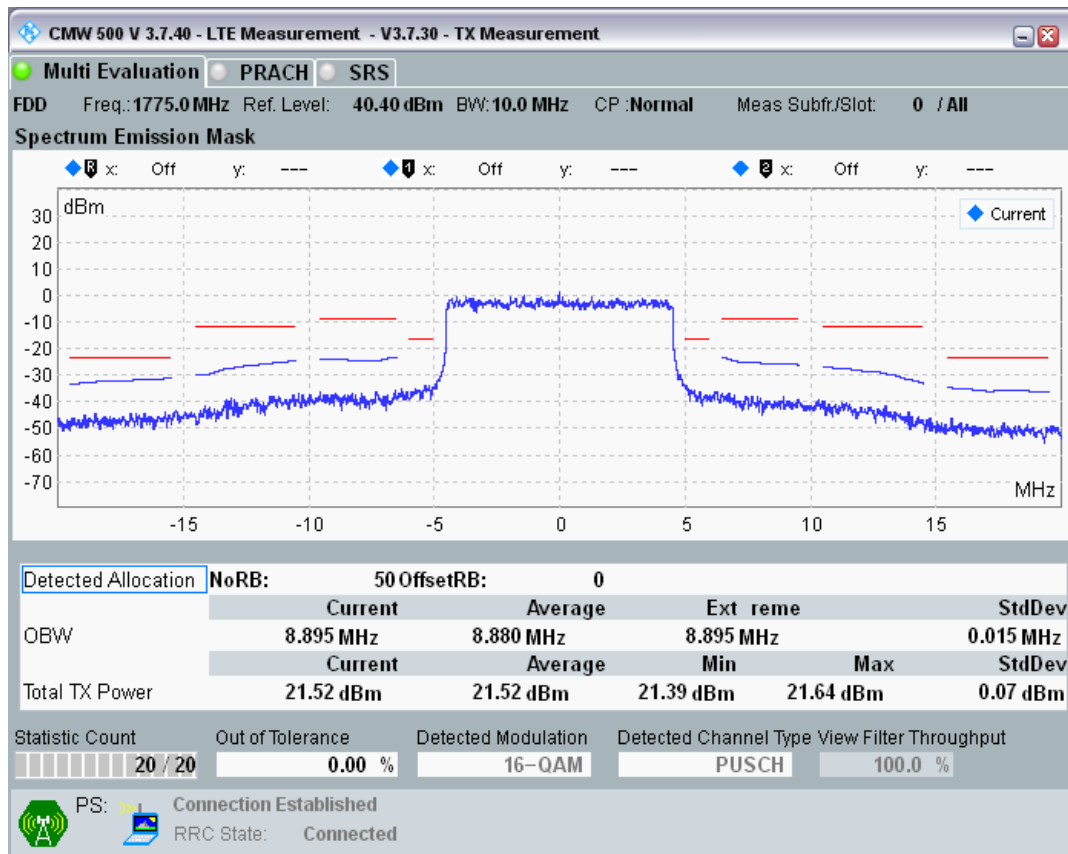




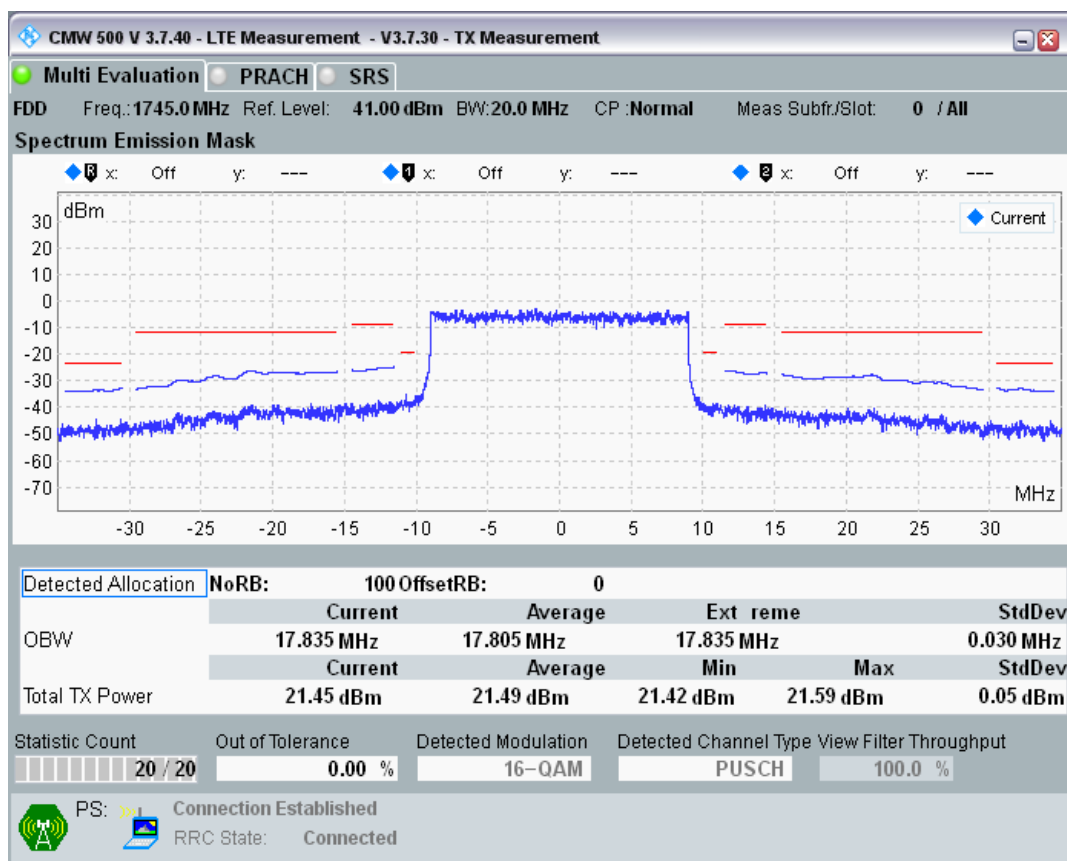
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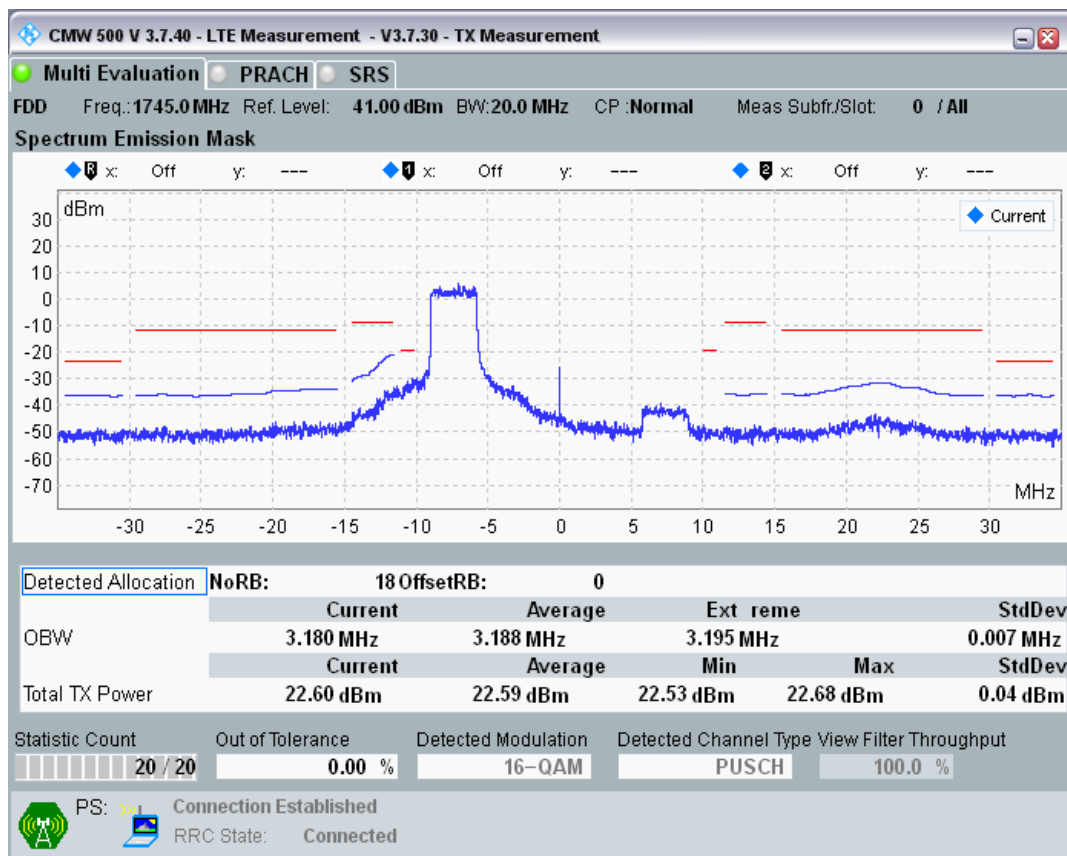
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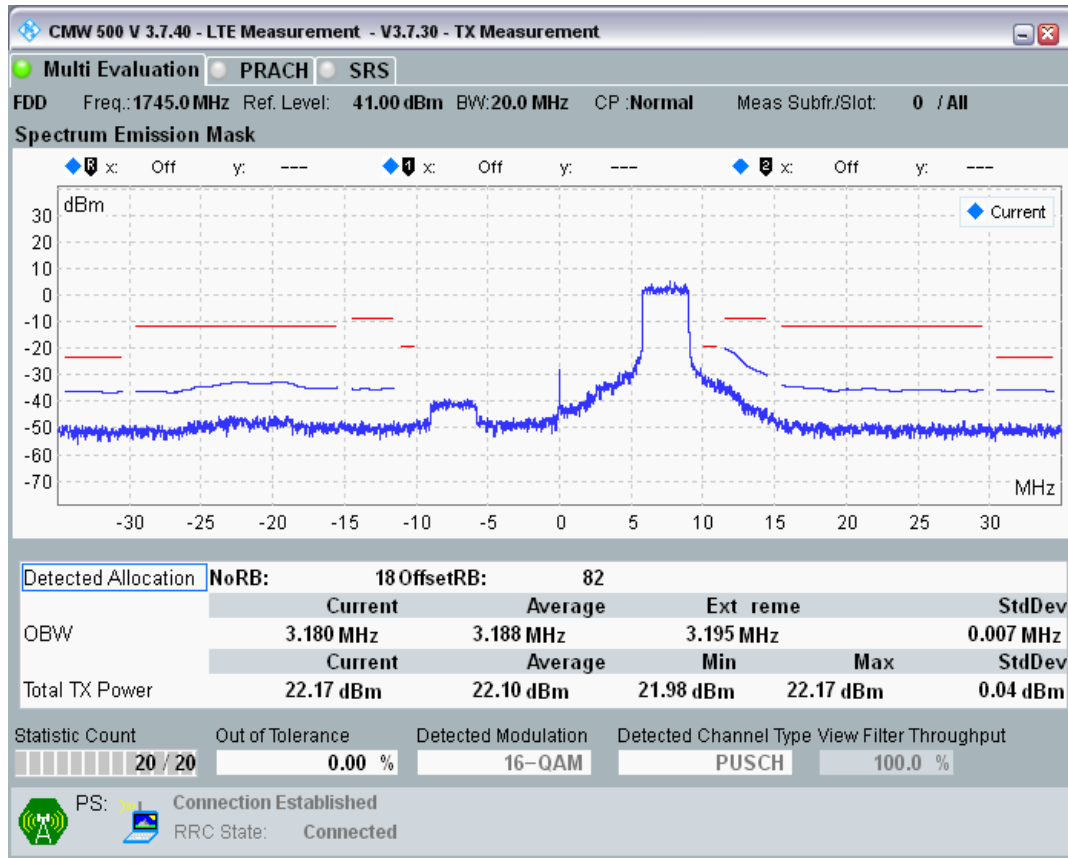
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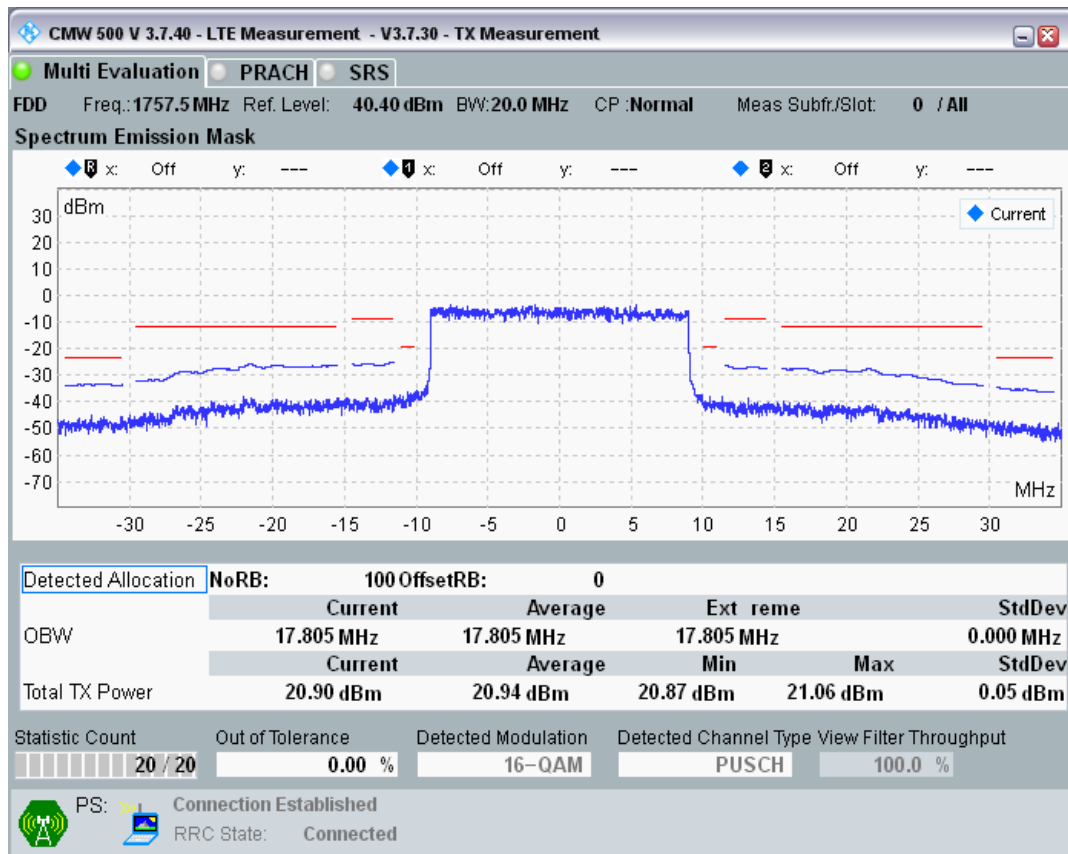
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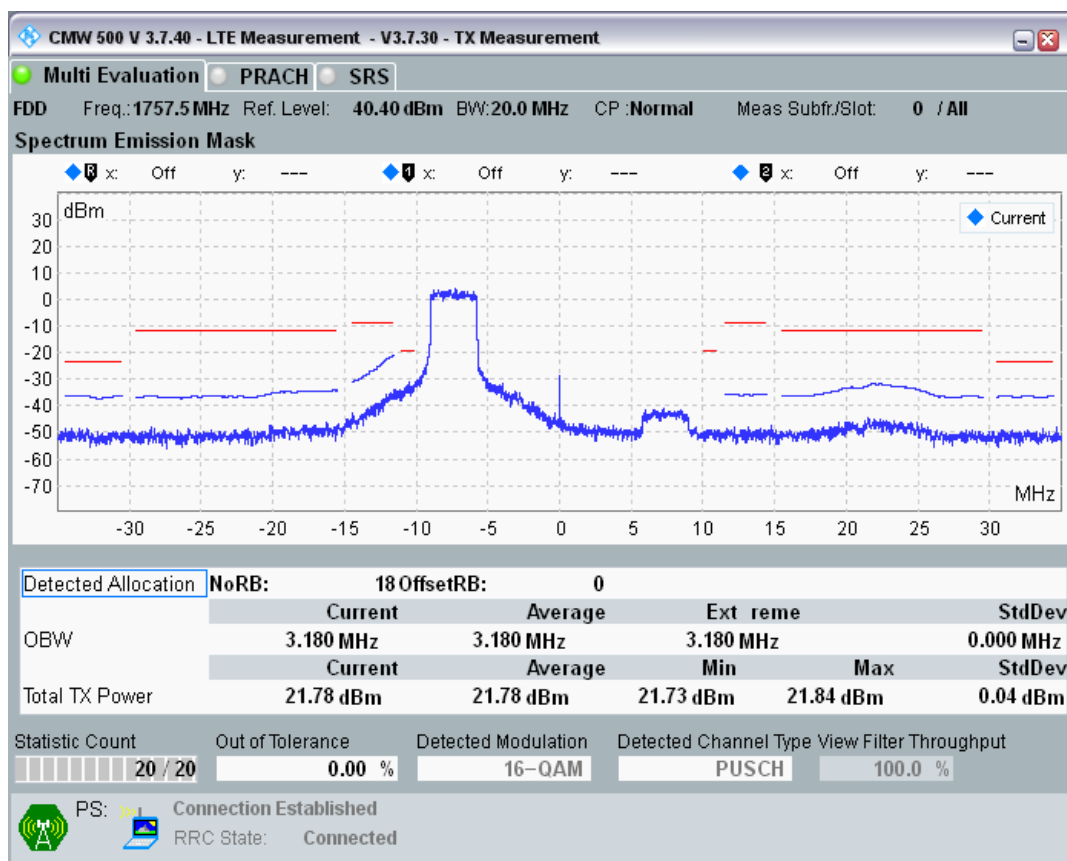
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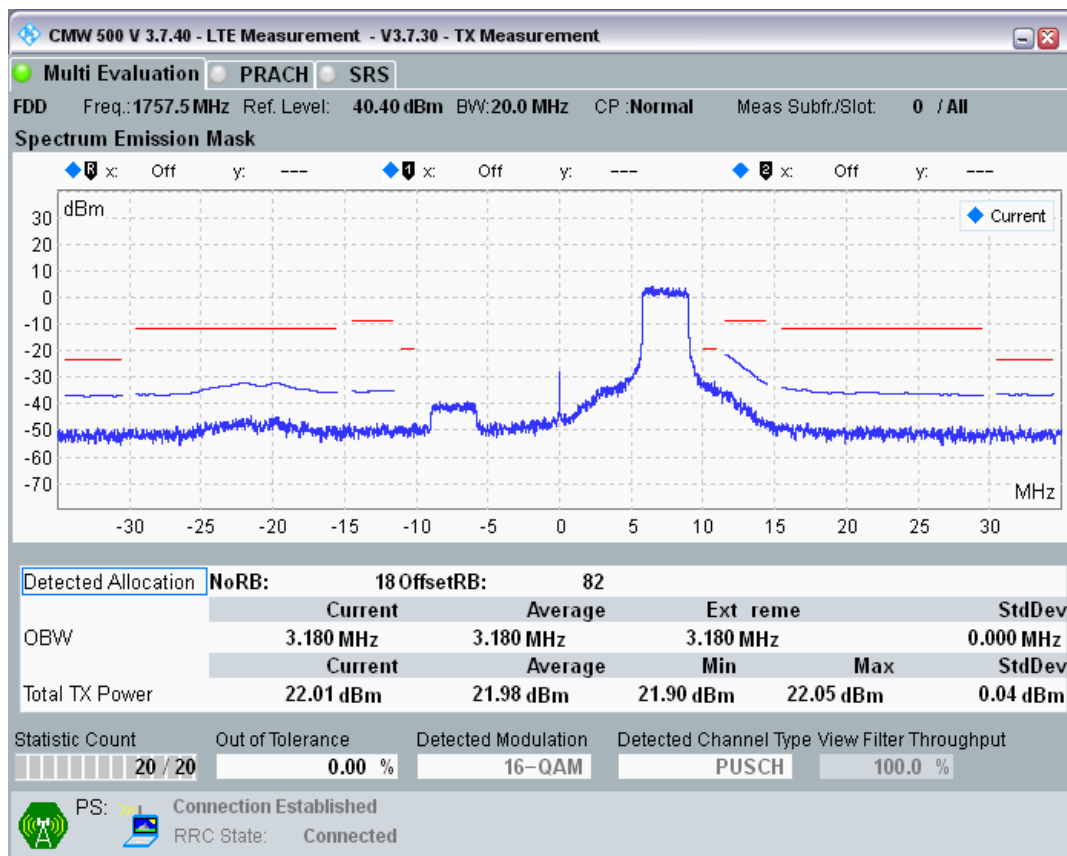
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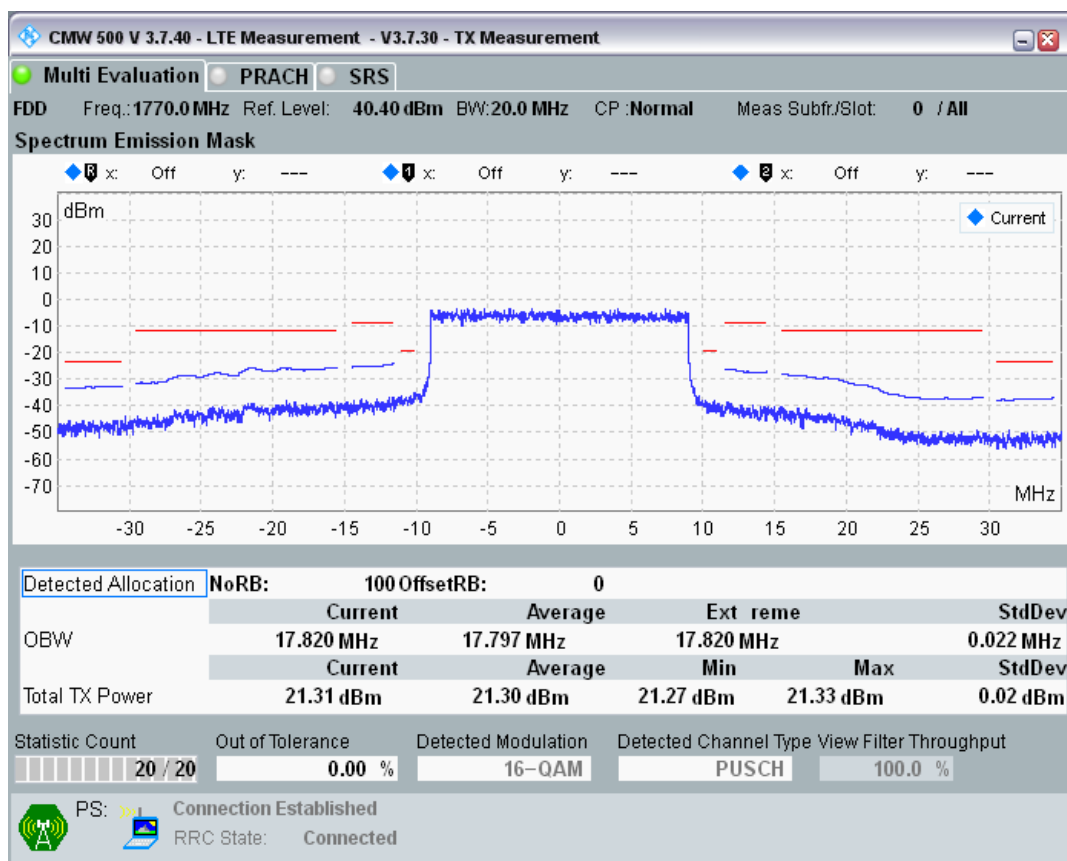
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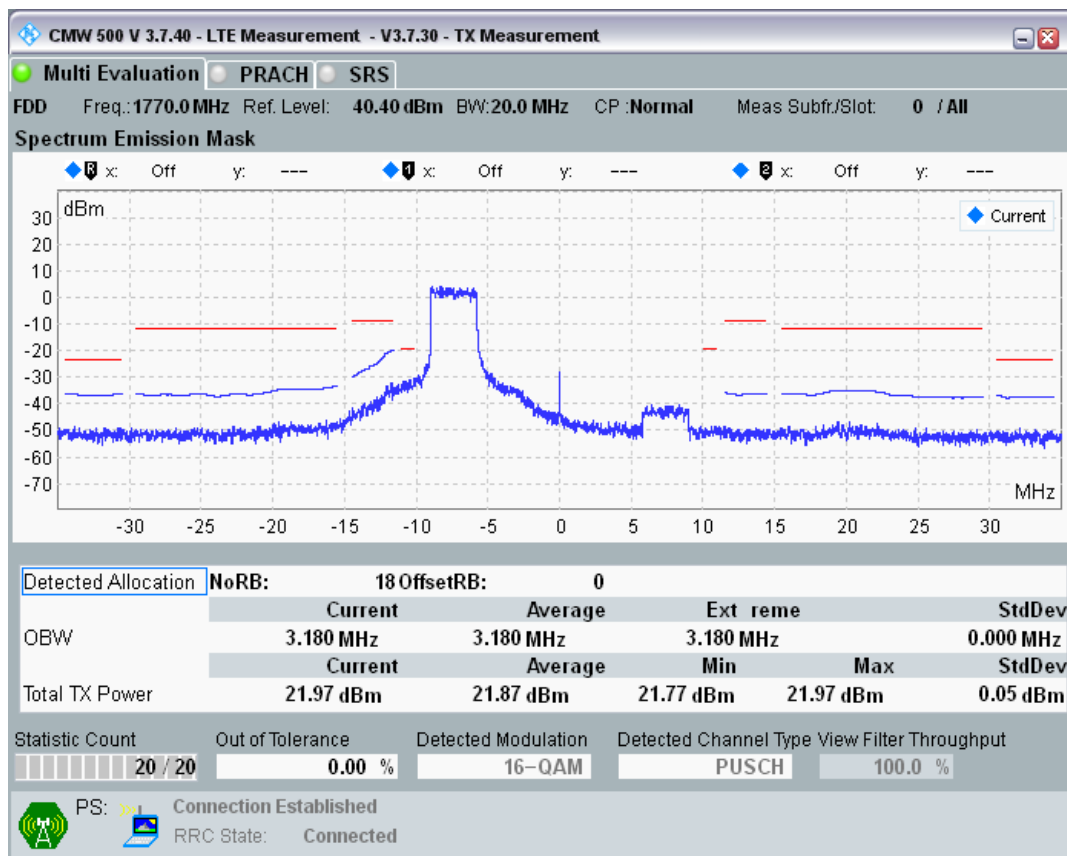
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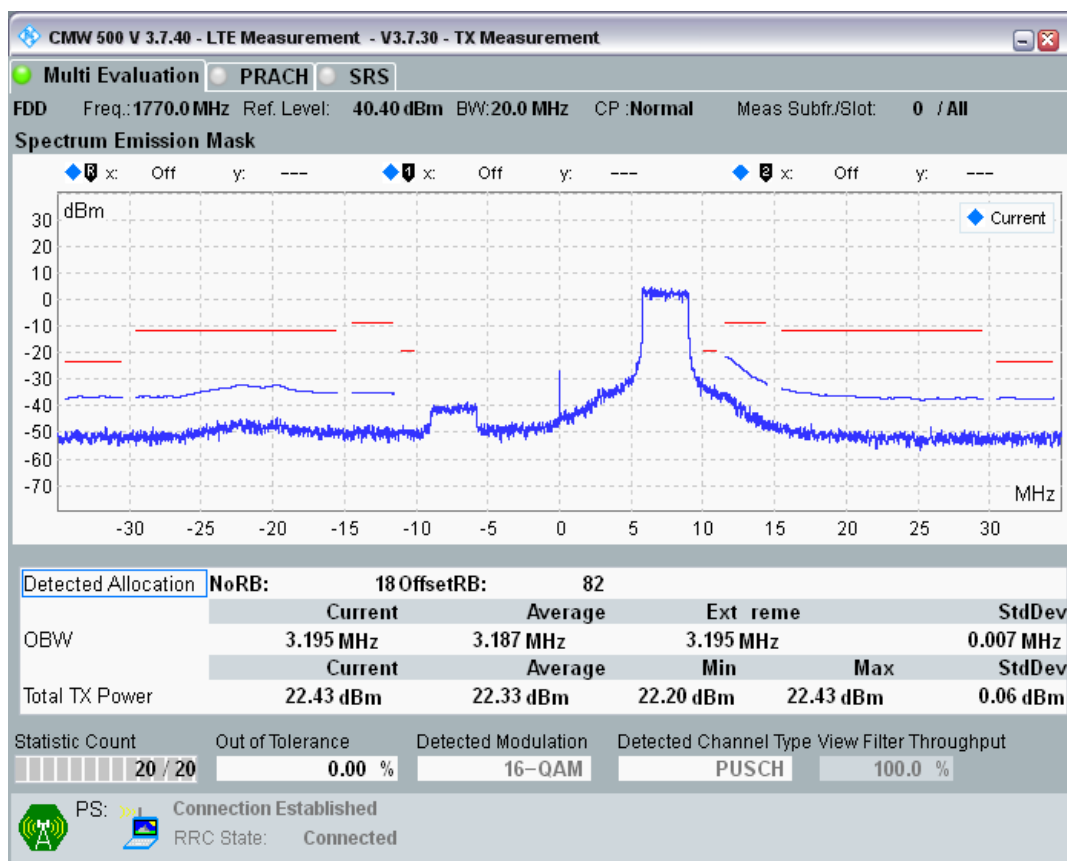
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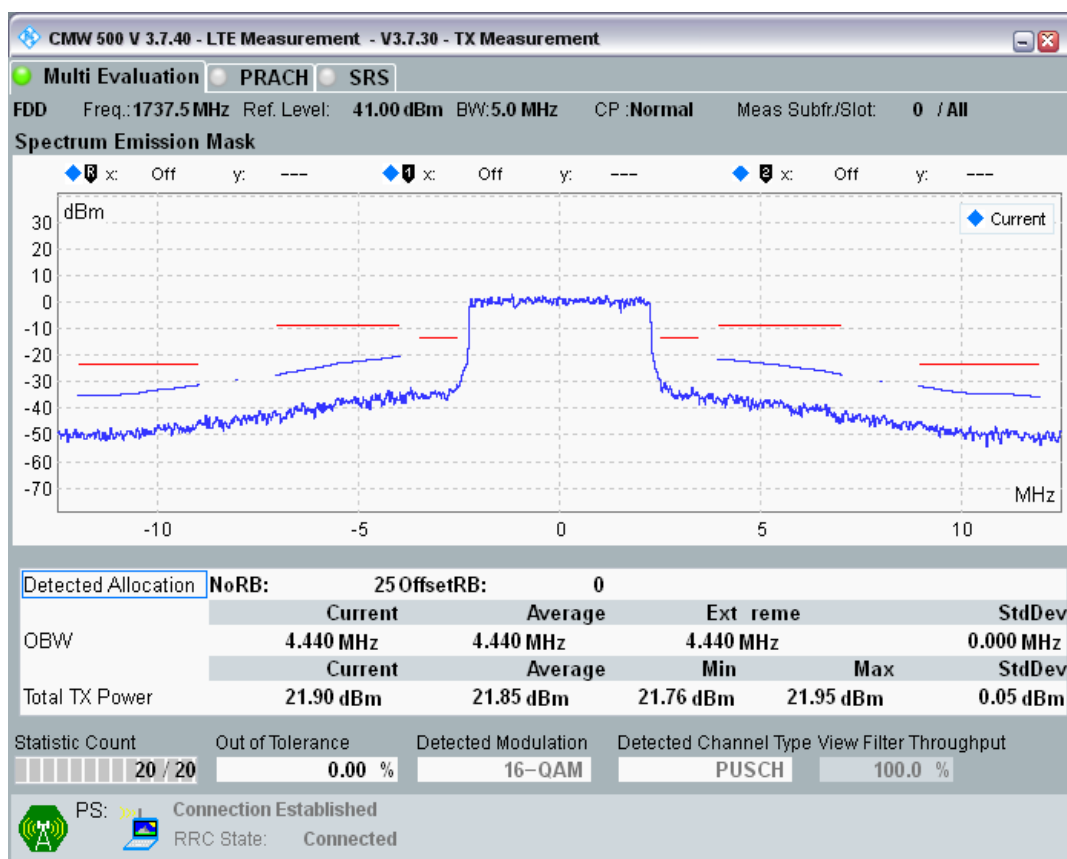
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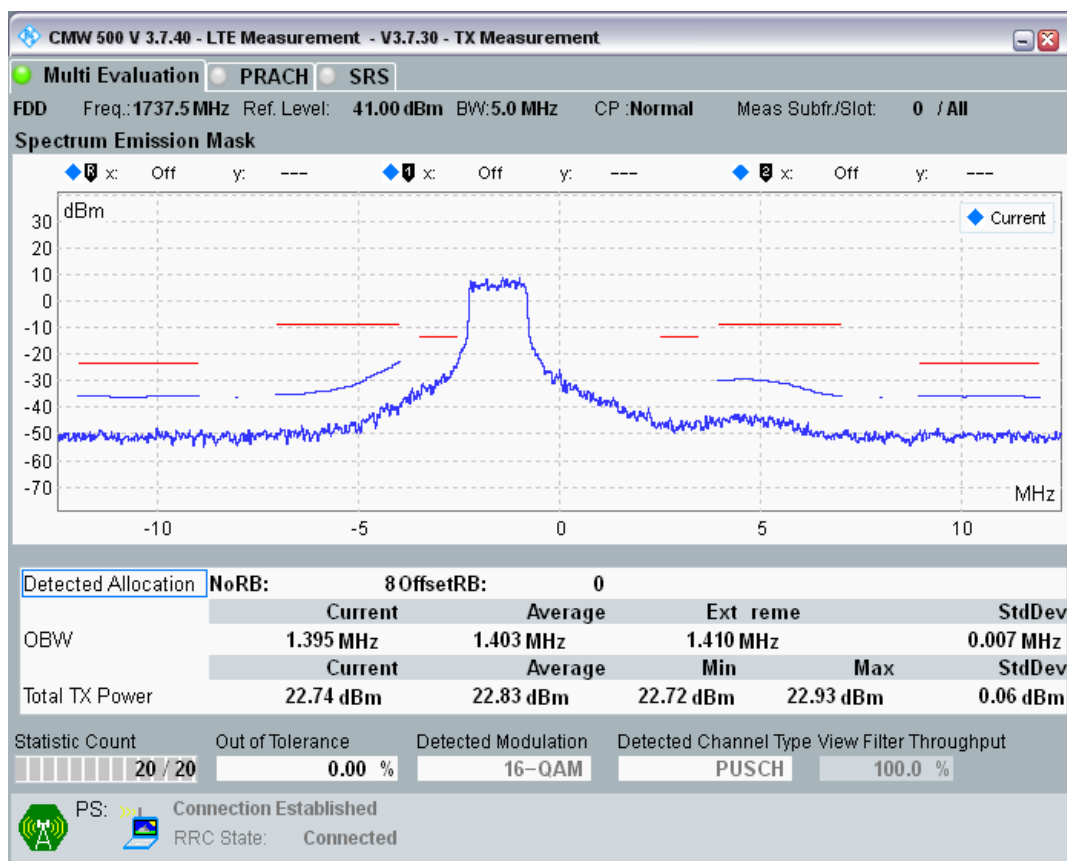
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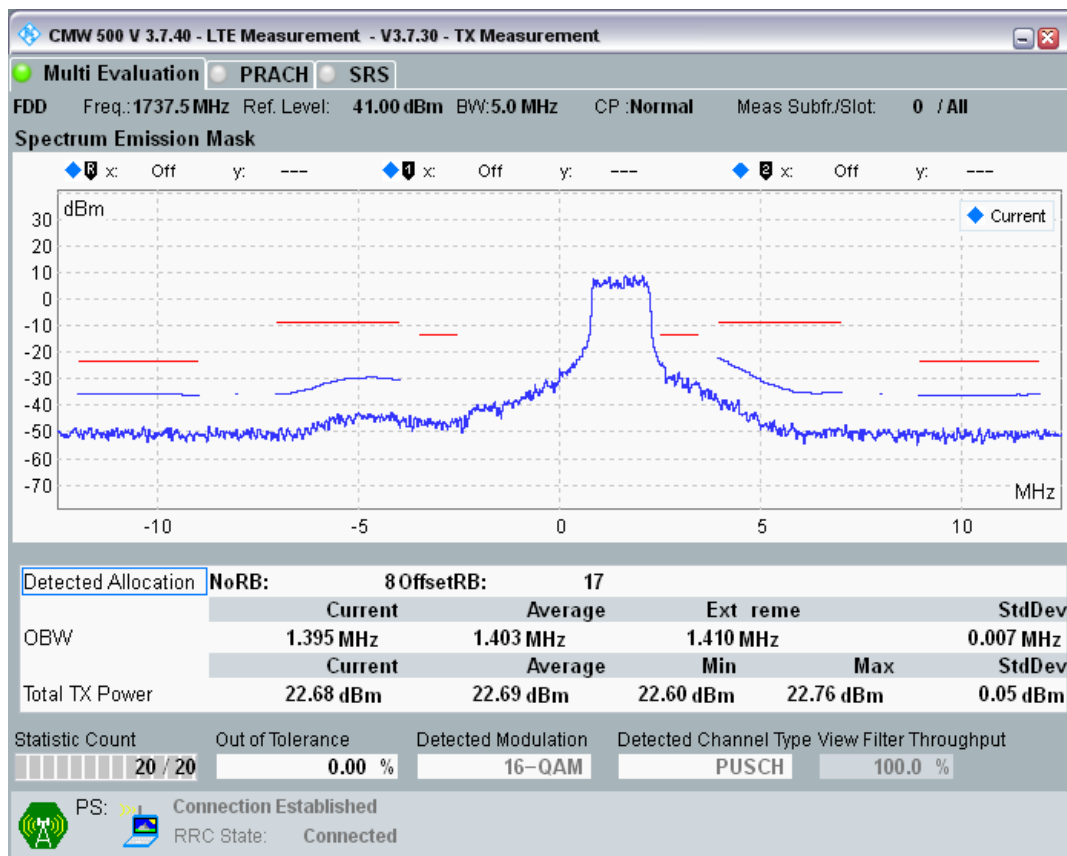
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Band3 QAM16 BW=5MHz Channel=19475 RB Size=8 Position=#0.png

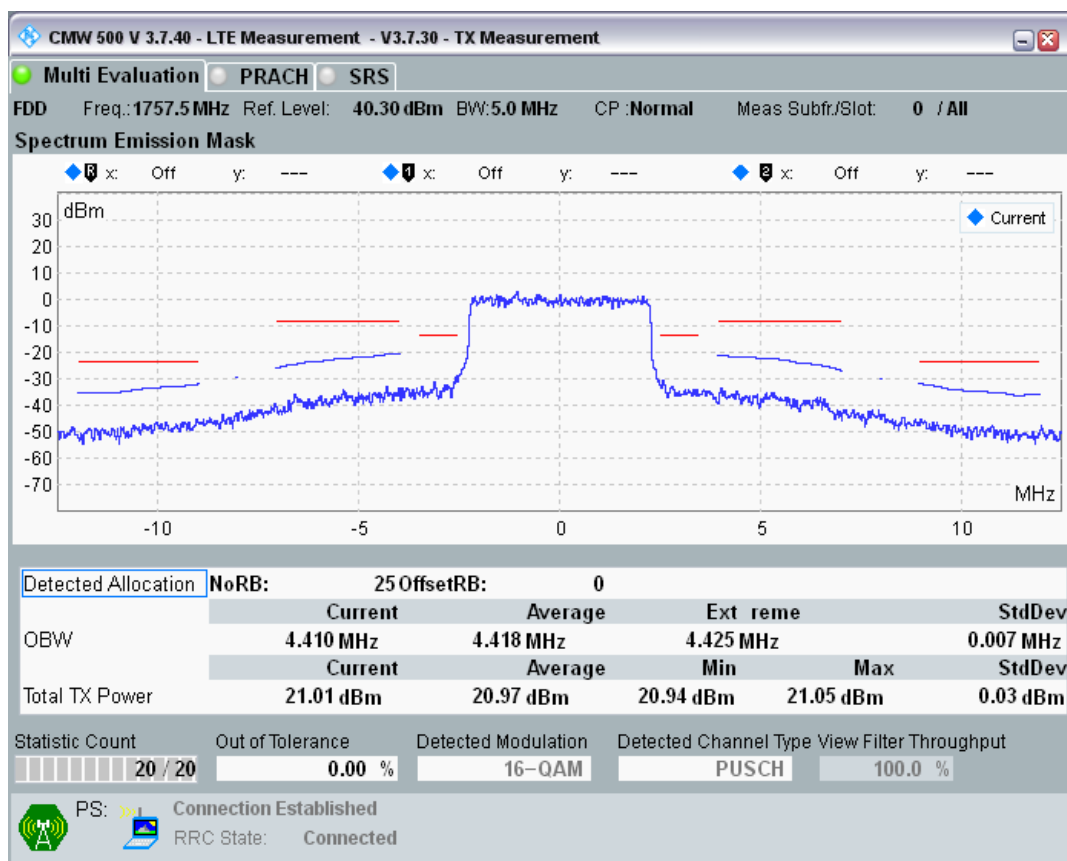


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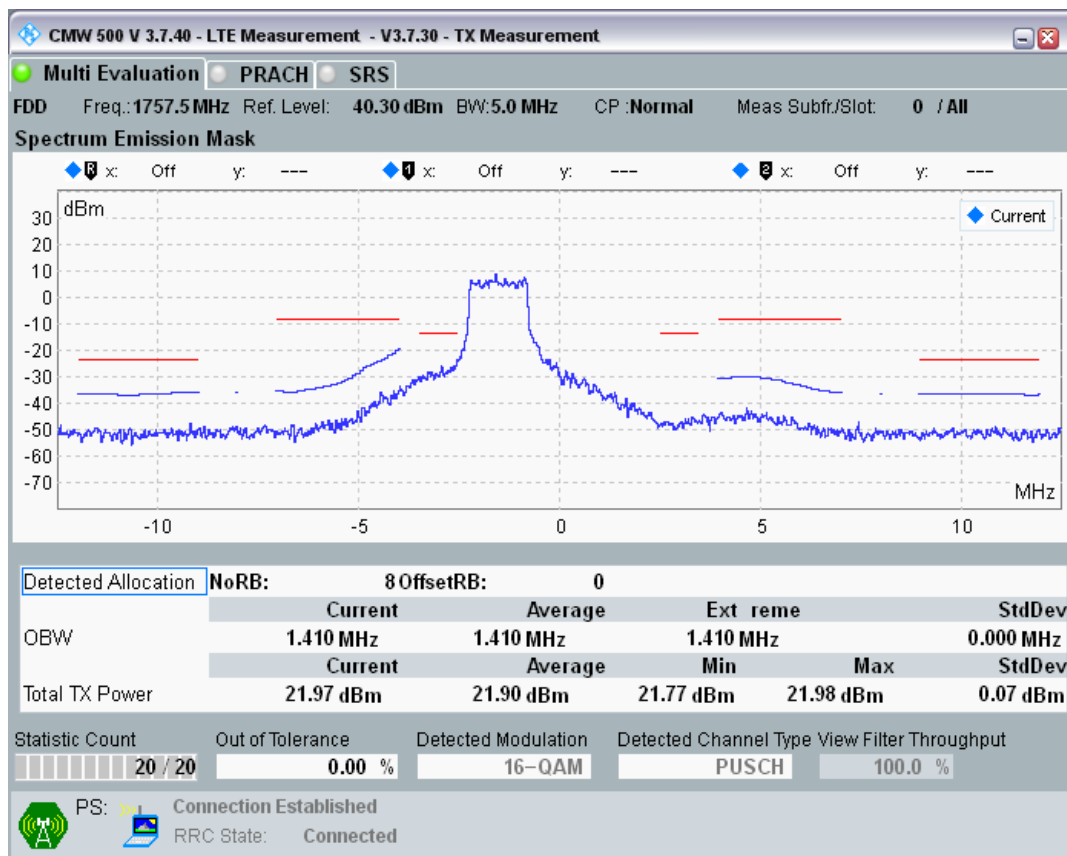




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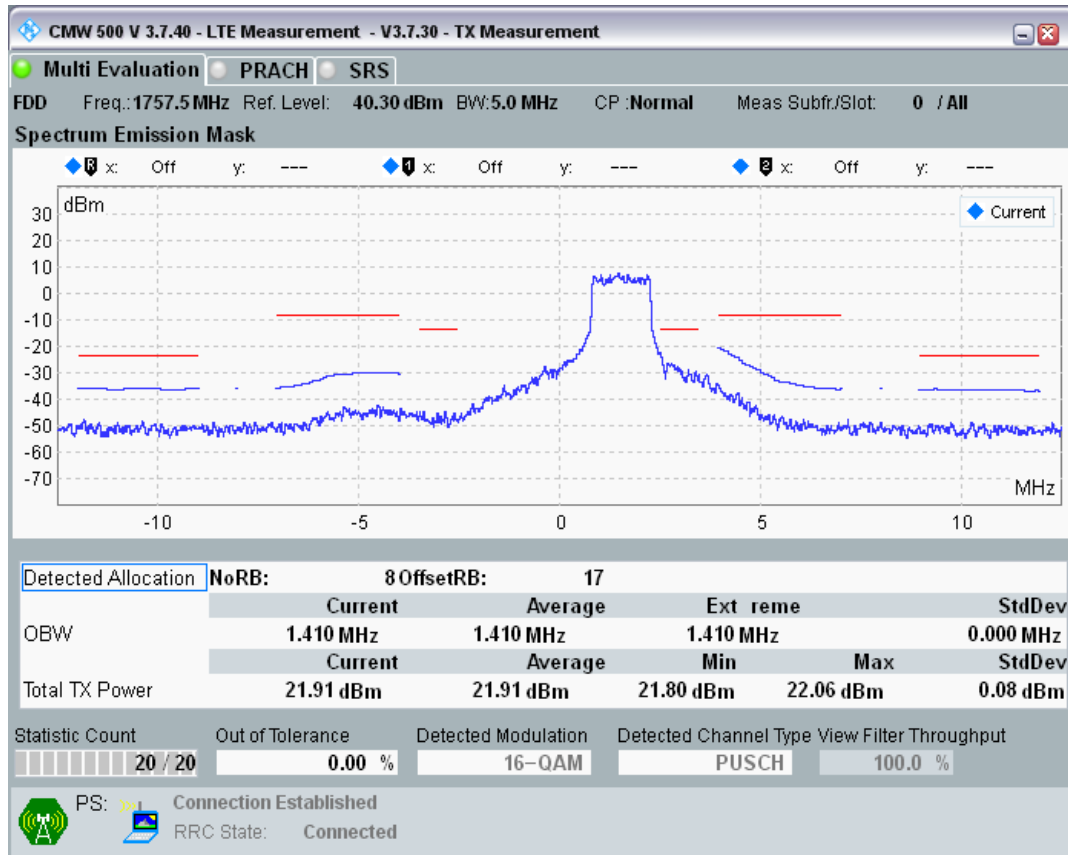


Band3 QAM16 BW=5MHz Channel=19675 RB Size=8 Position=#0.png

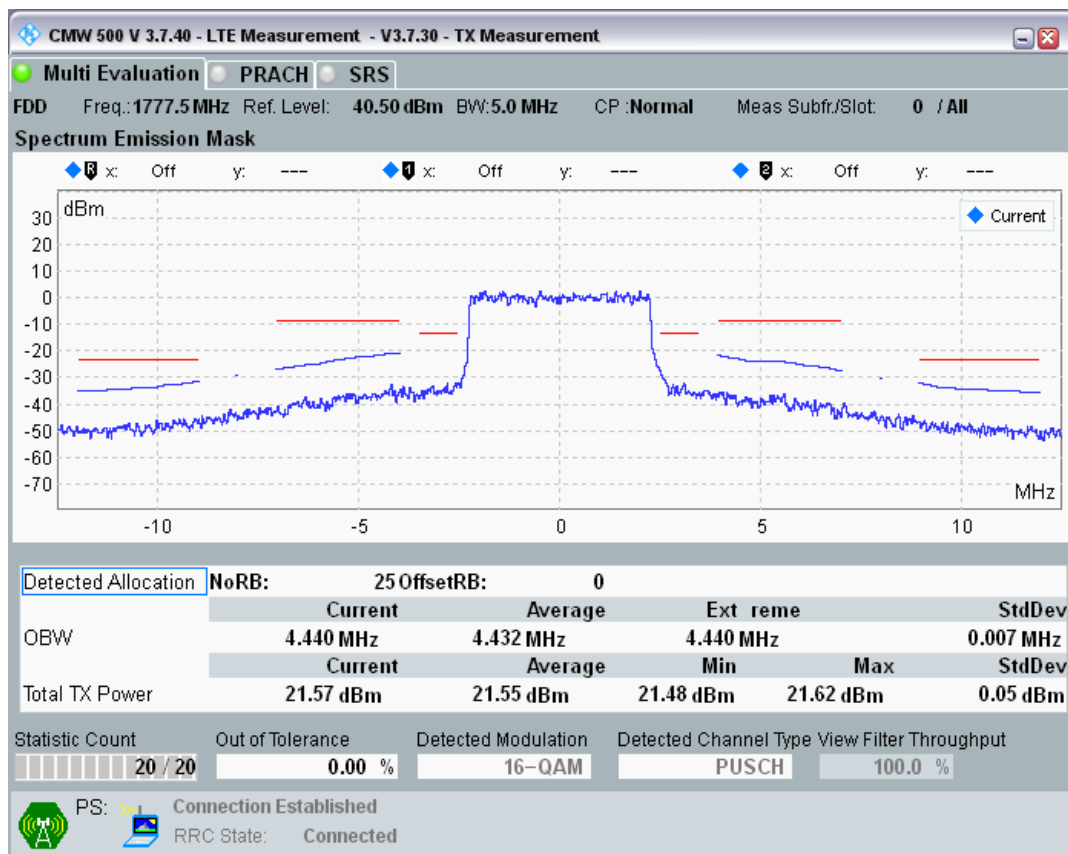




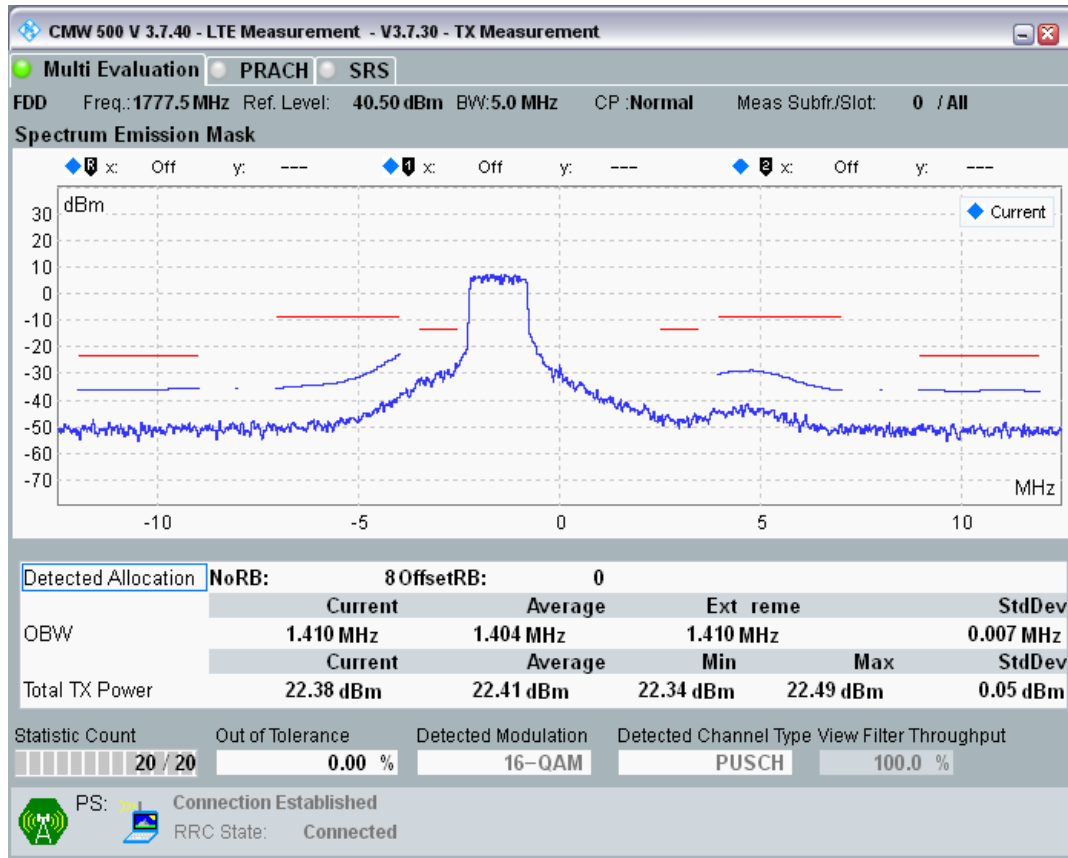
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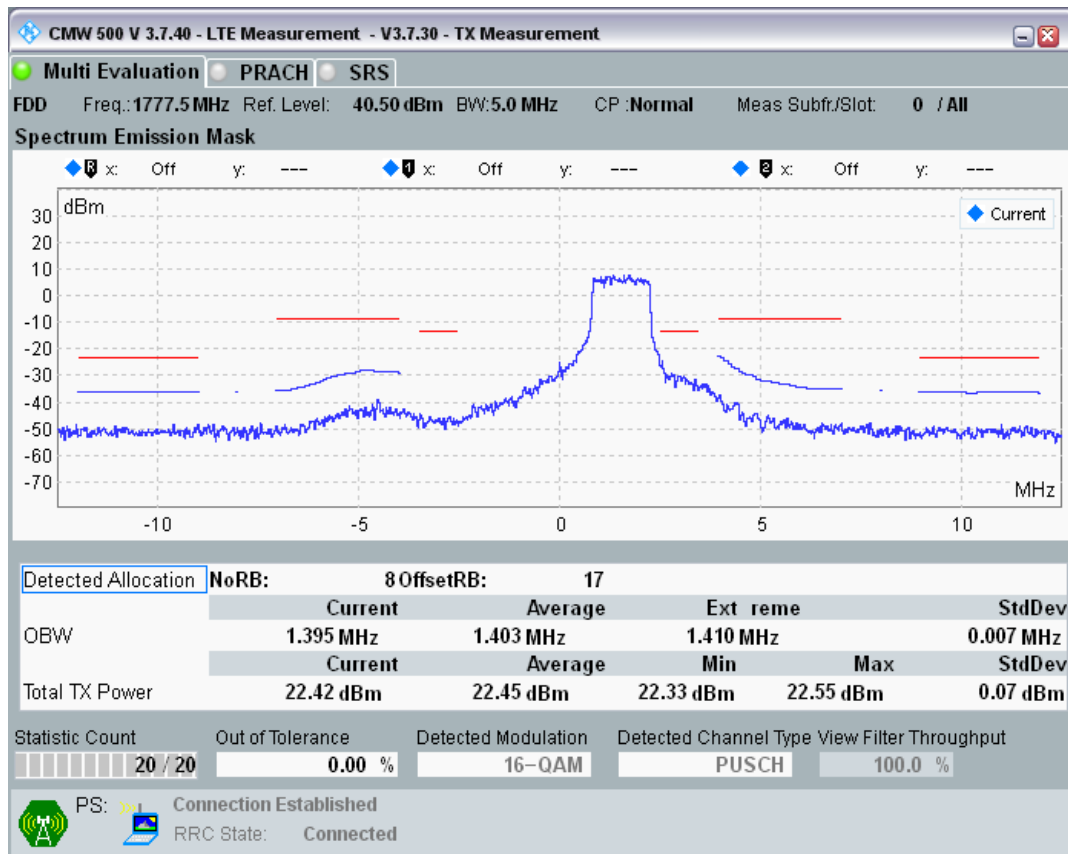
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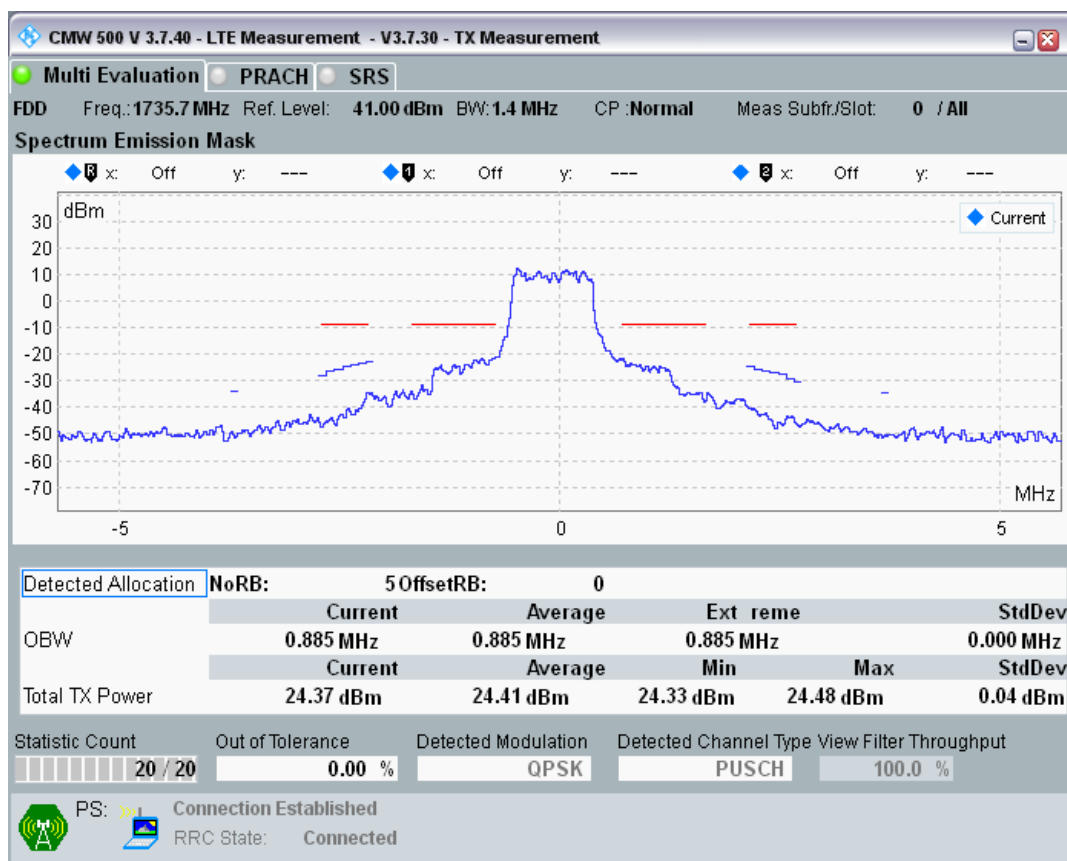
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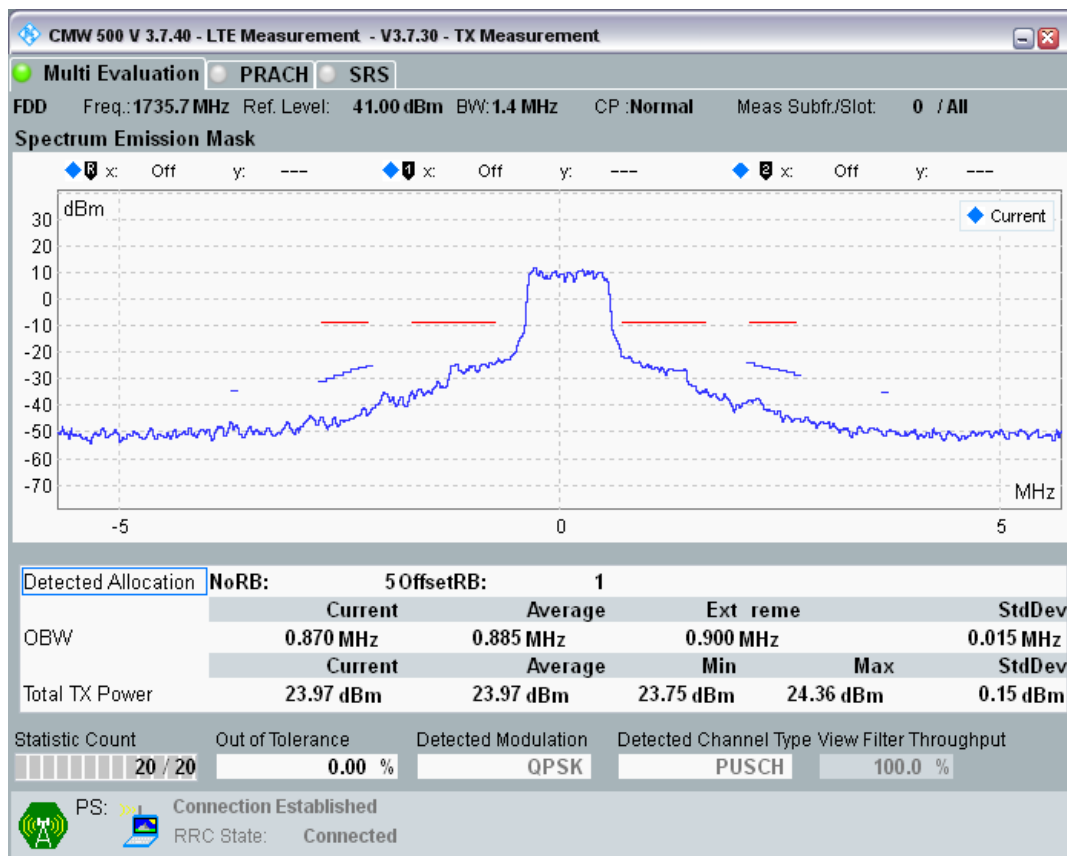
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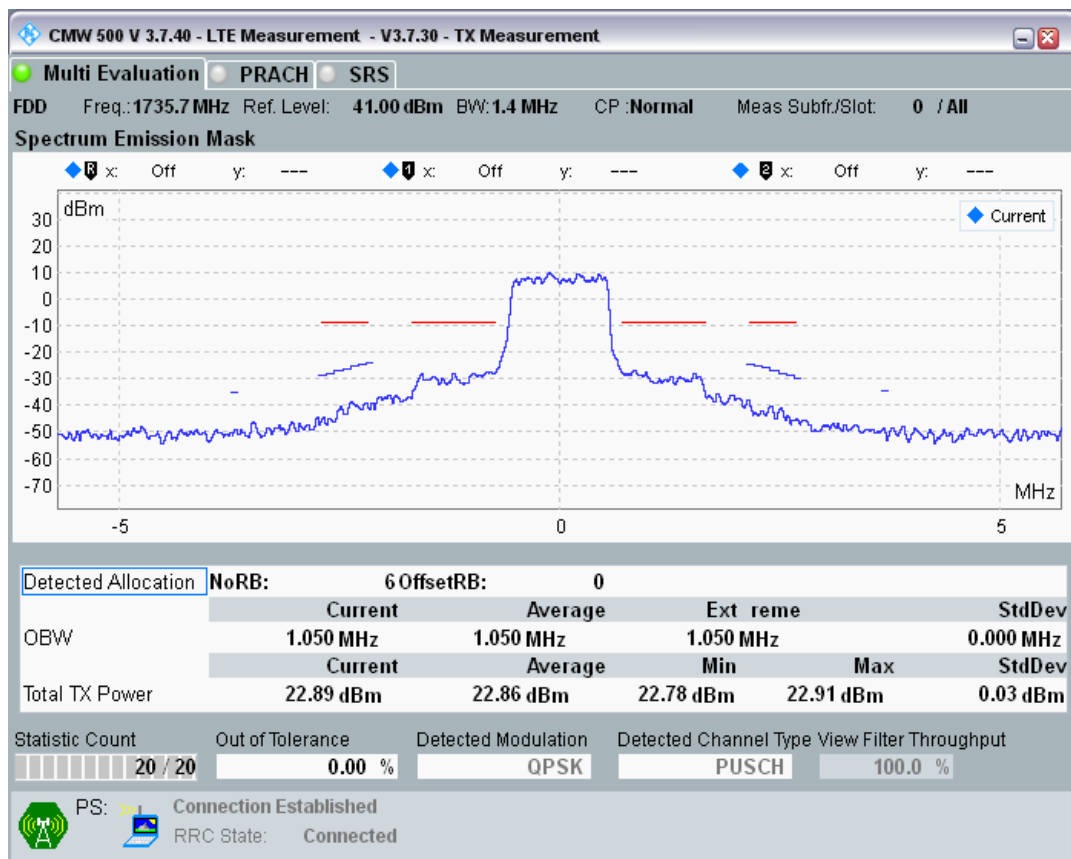
Band3 QPSK BW=1.4MHz Channel=19457 RB Size=5 Position=#0.png



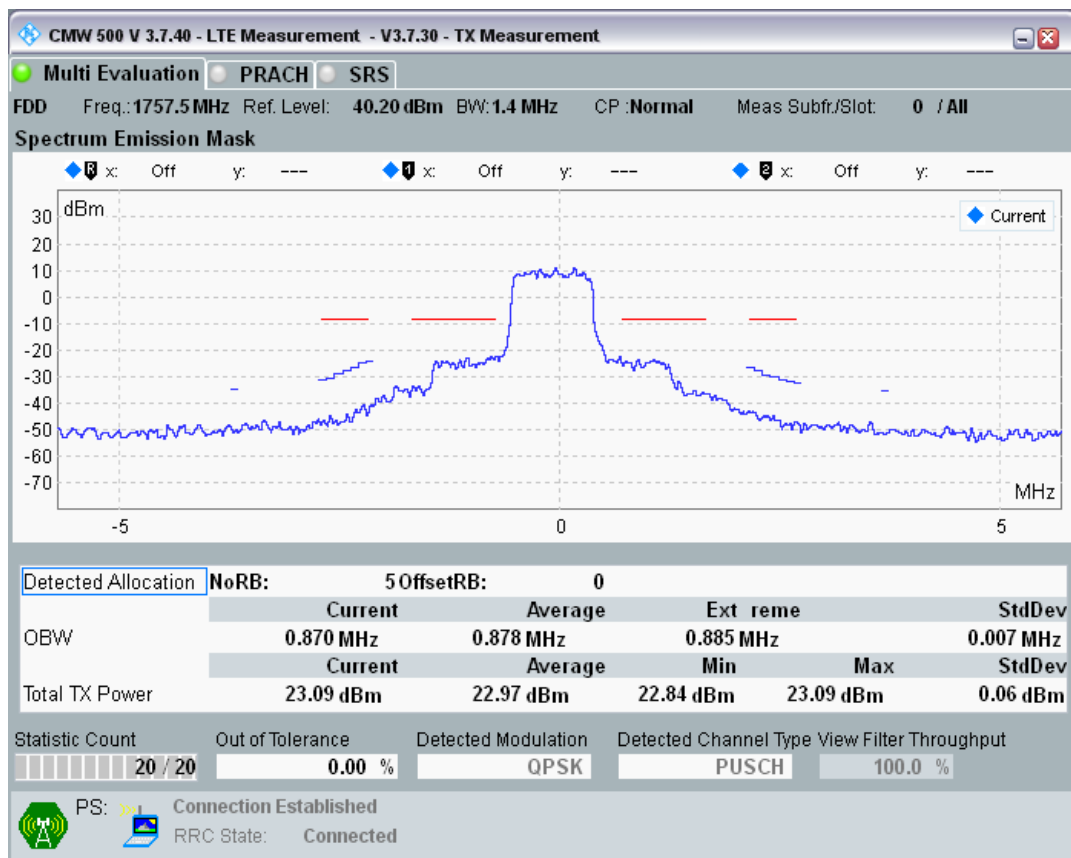
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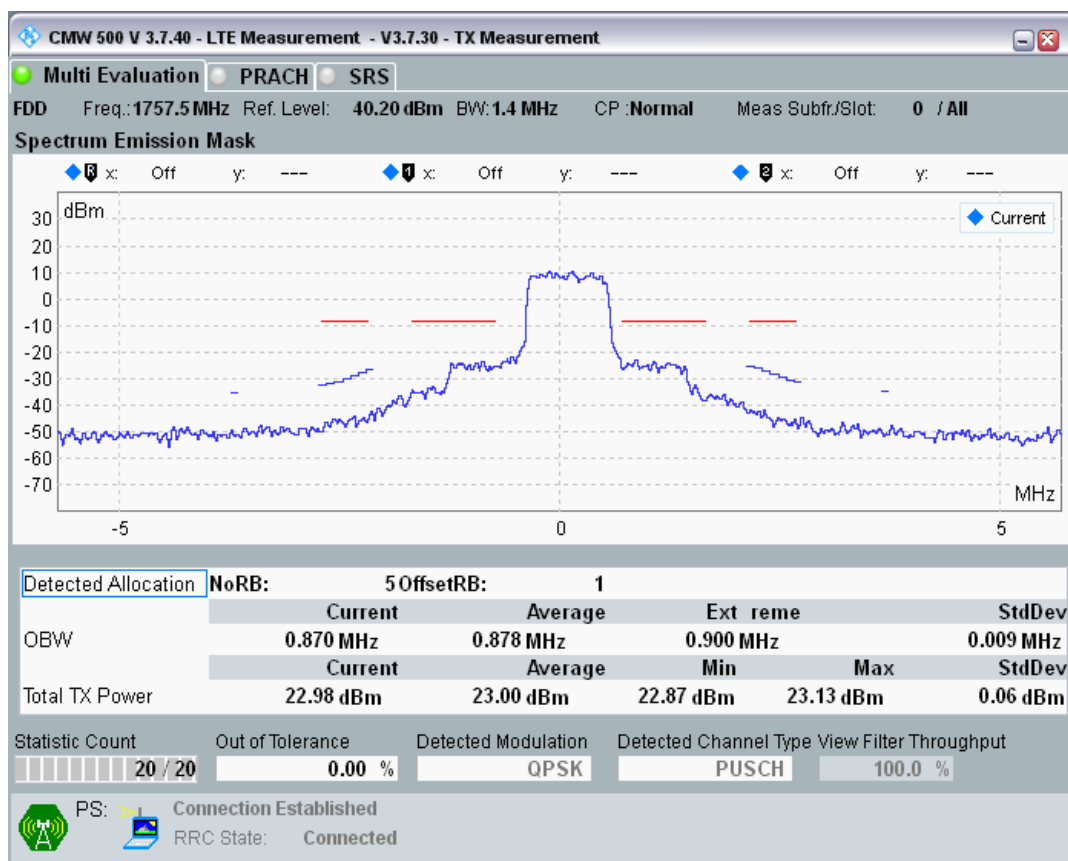
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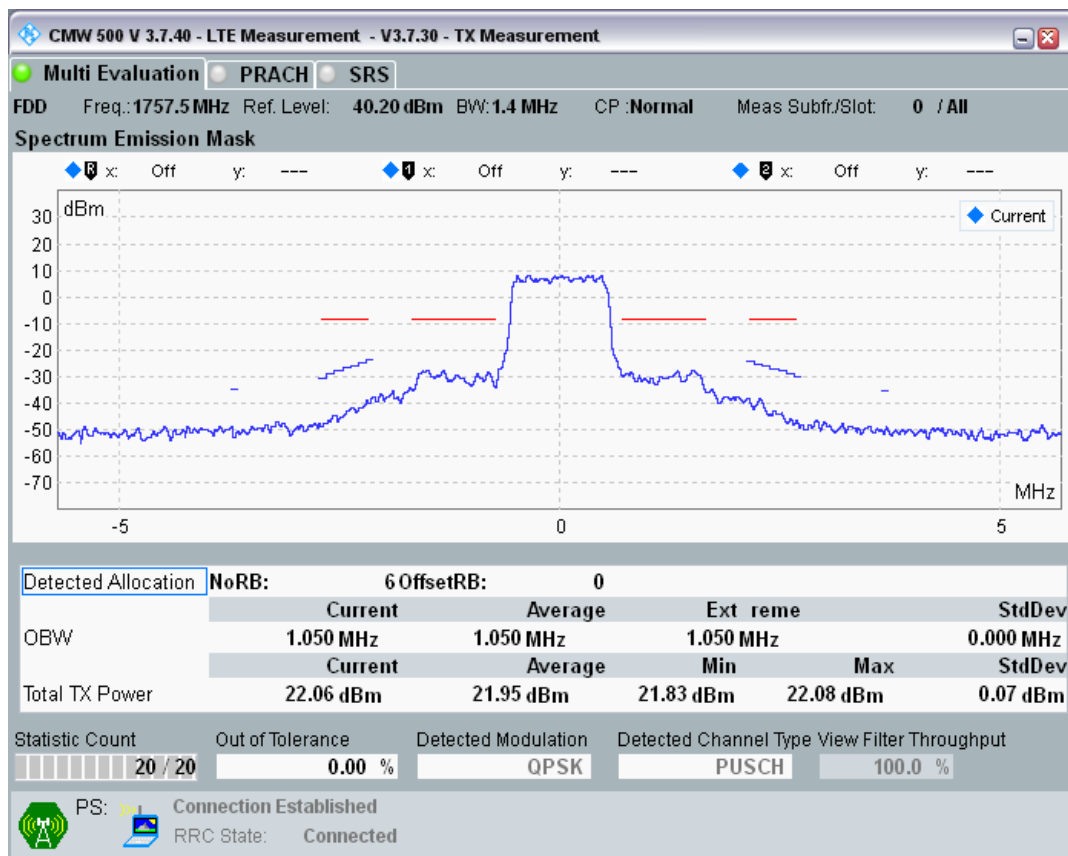
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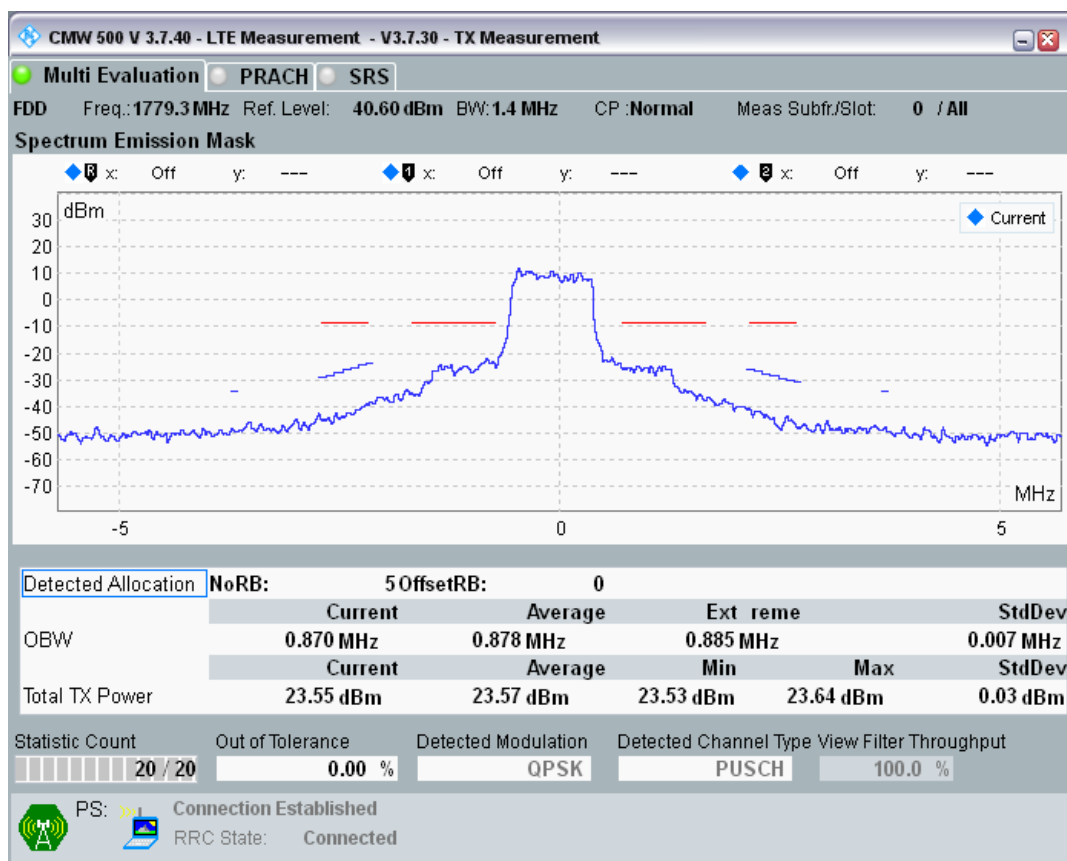
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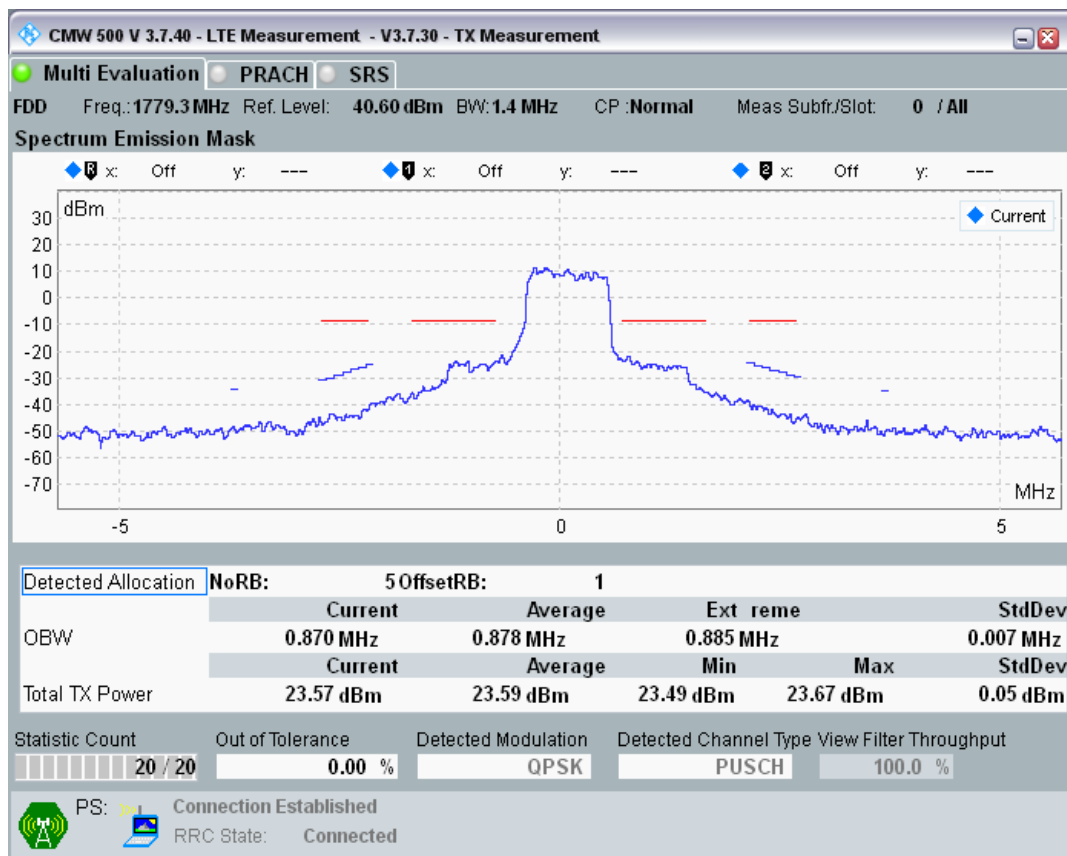
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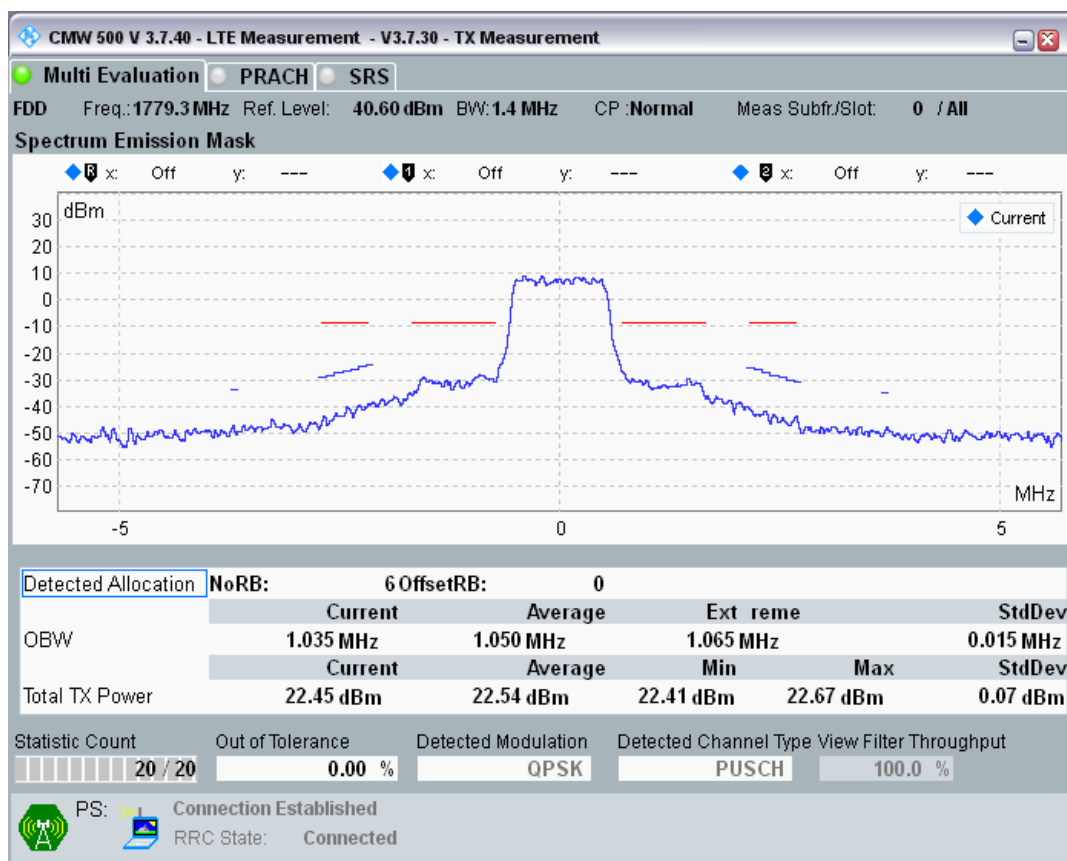
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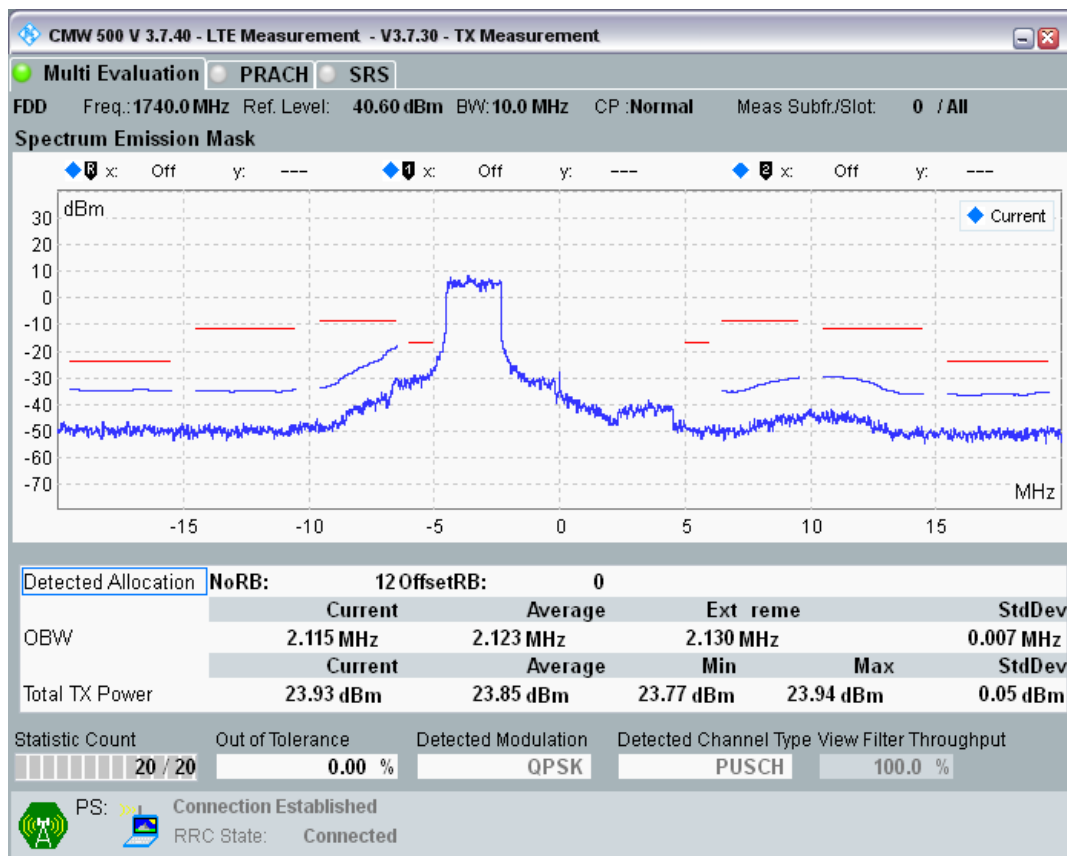
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Band3 QPSK BW=1.4MHz Channel=19893 RB Size=6 Position=#0.png

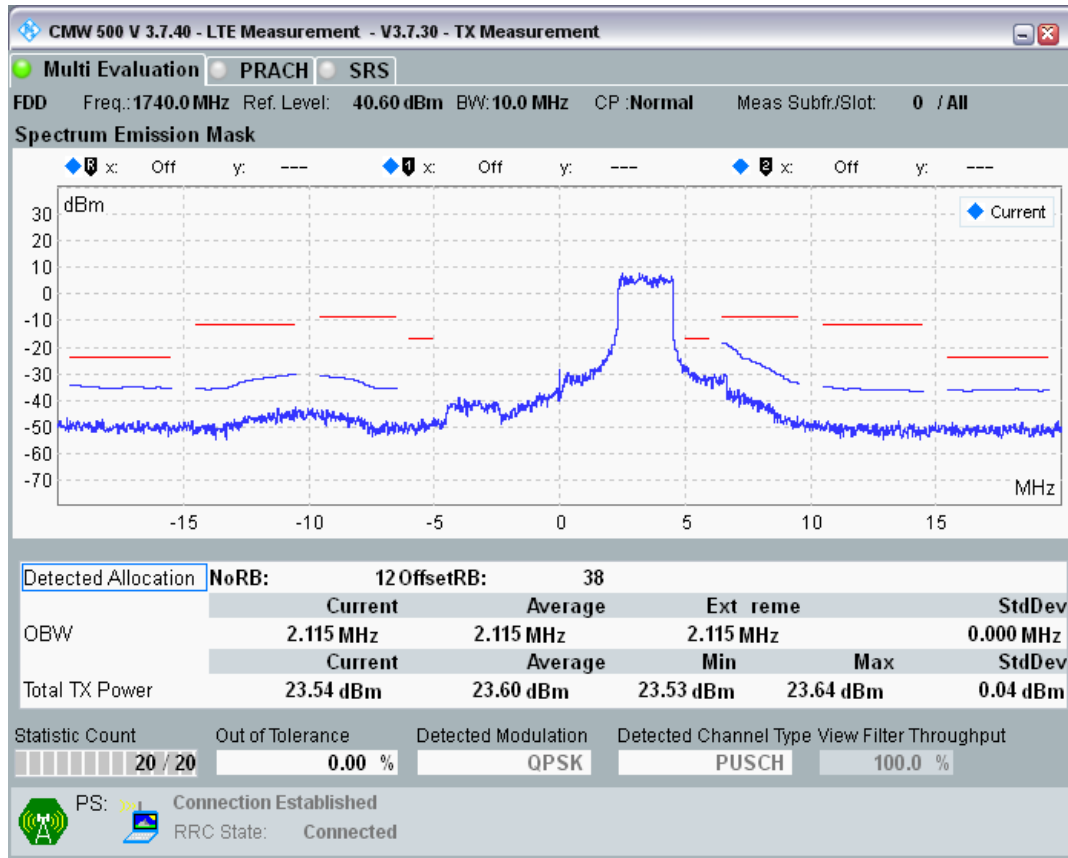


Band3 QPSK BW=10MHz Channel=19500 RB Size=12 Position=#0.png

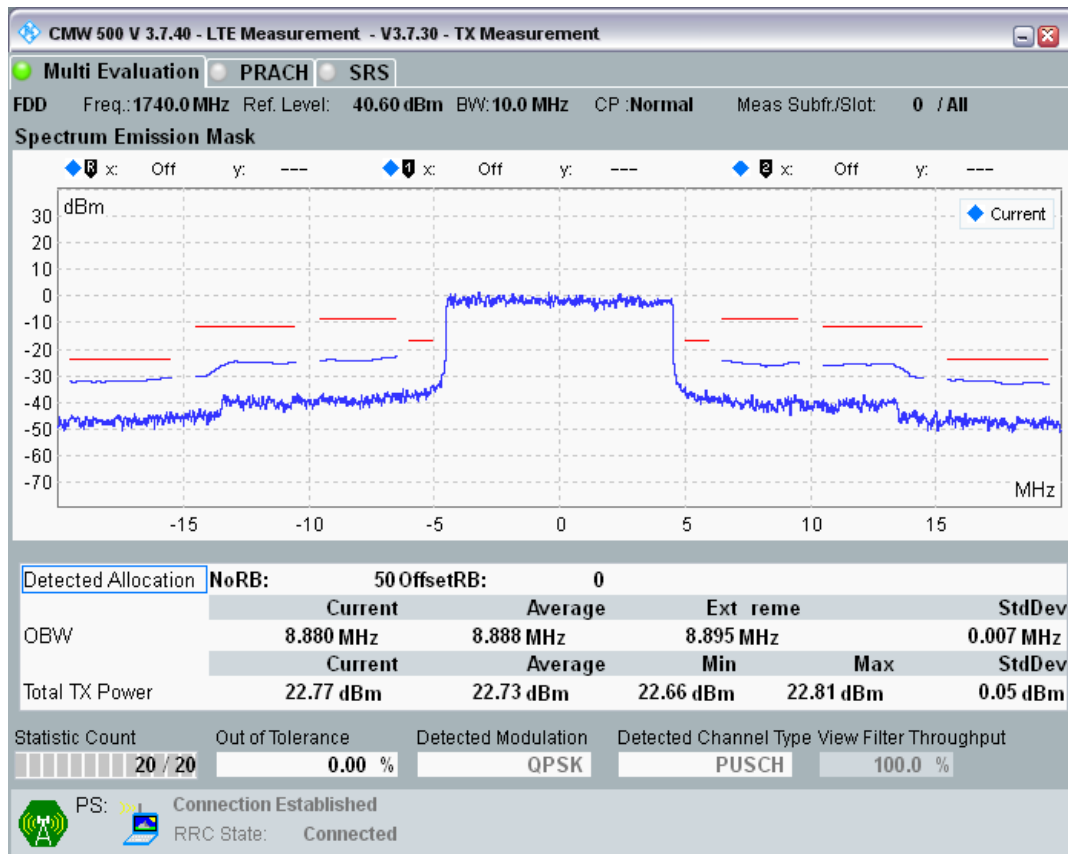




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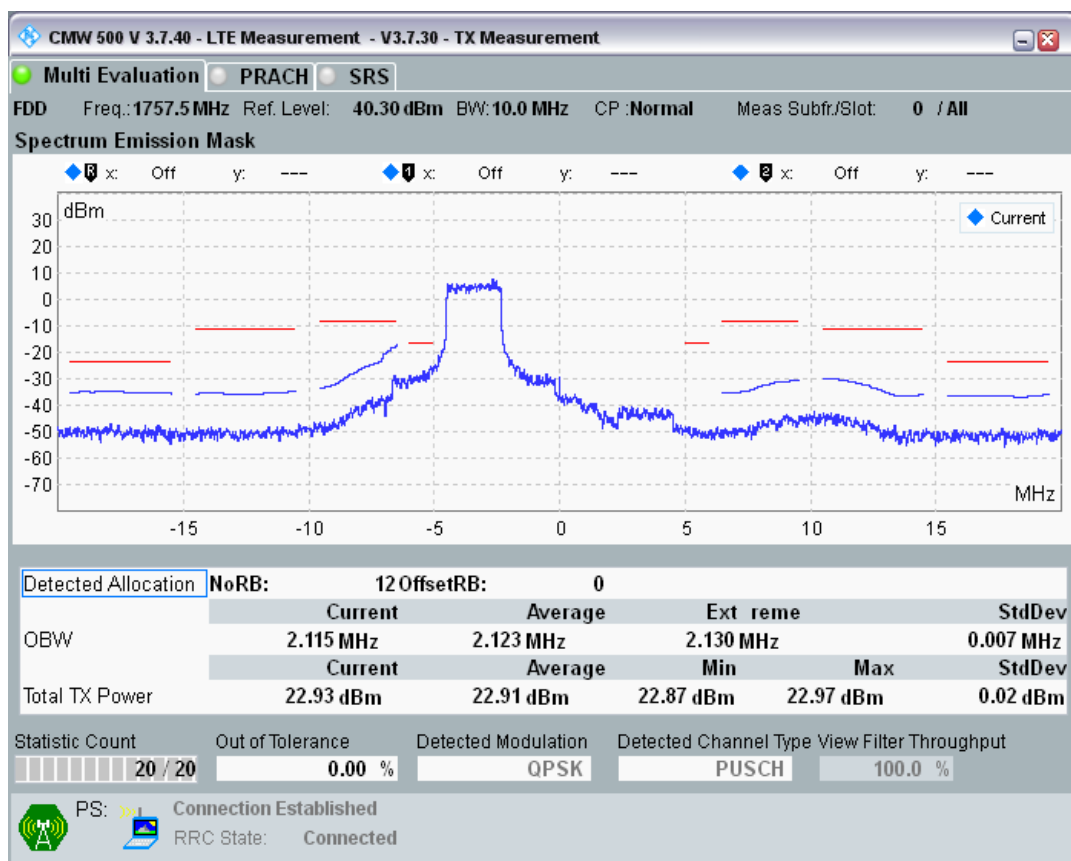


Band3 QPSK BW=10MHz Channel=19500 RB Size=50 Position=#0.png

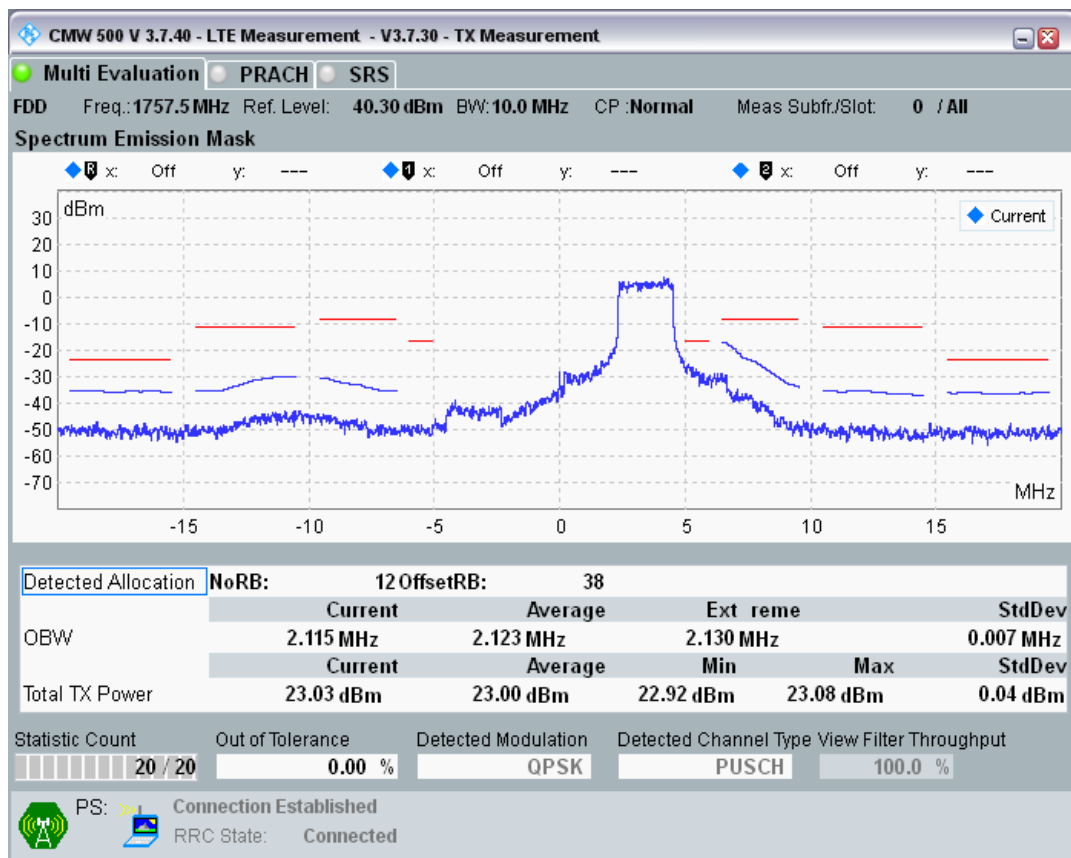




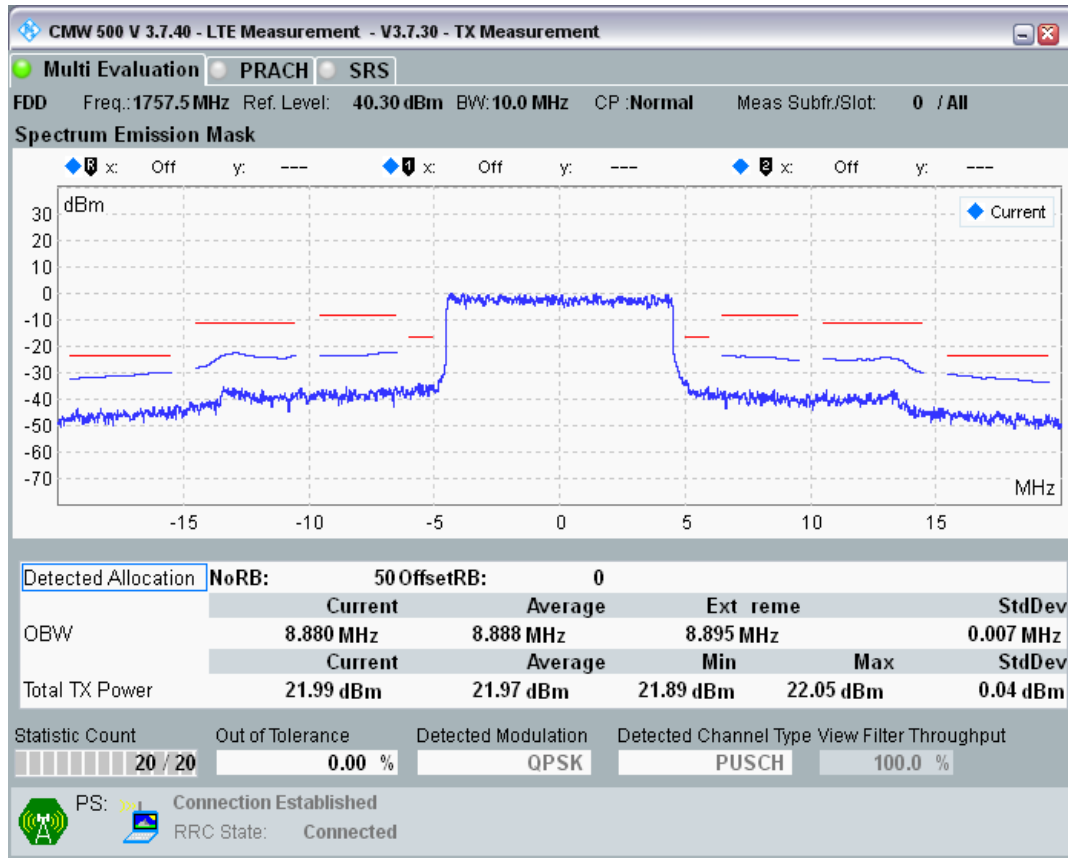
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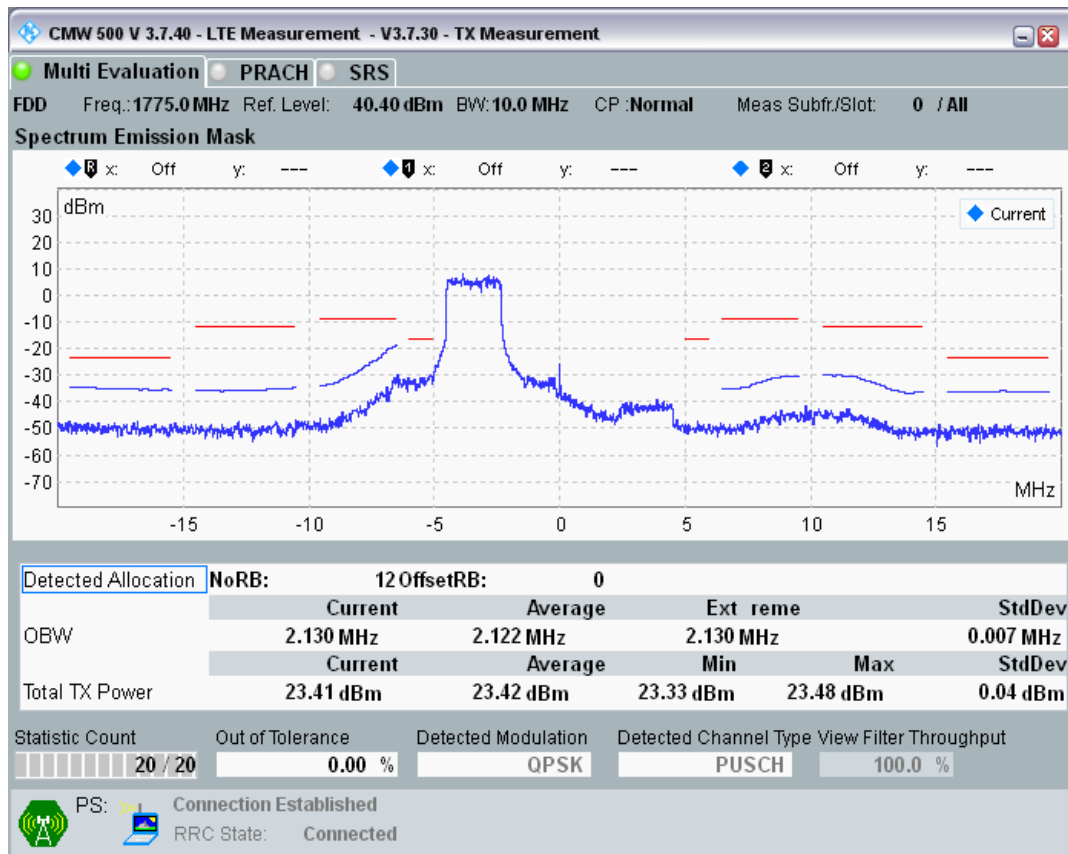
Band3 QPSK BW=10MHz Channel=19675 RB Size=12 Position=#Max.png



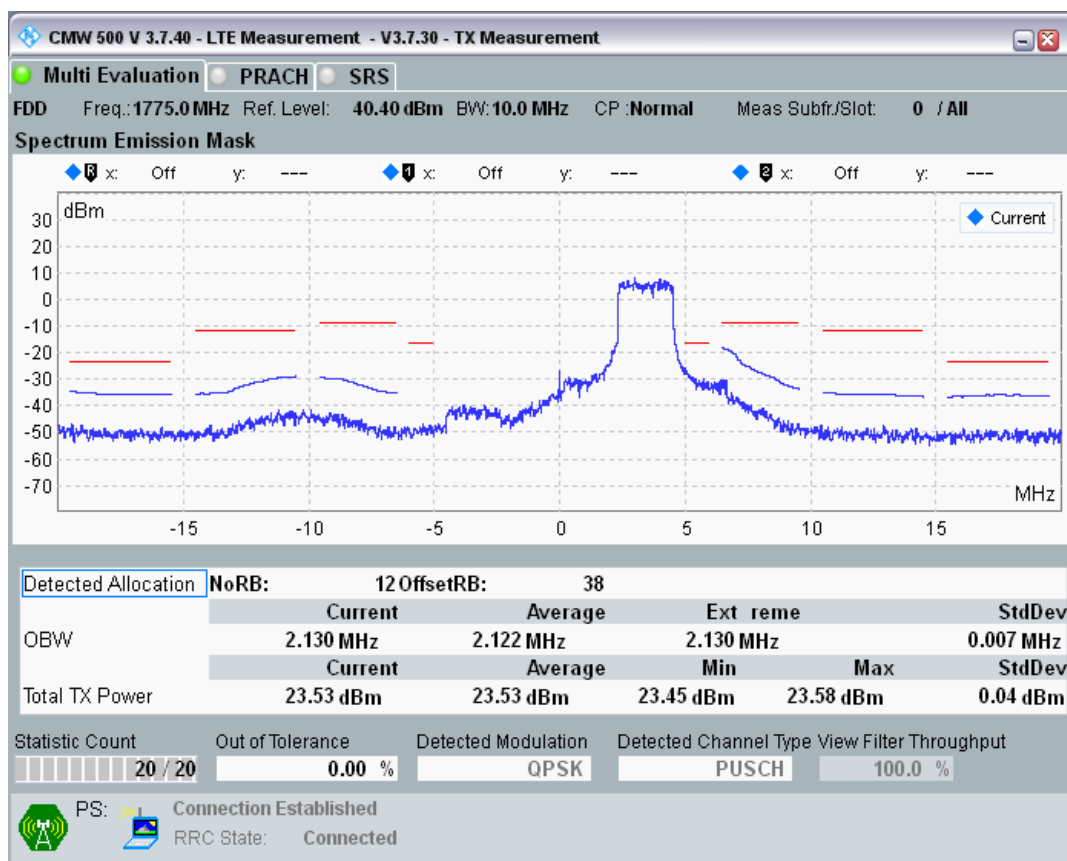
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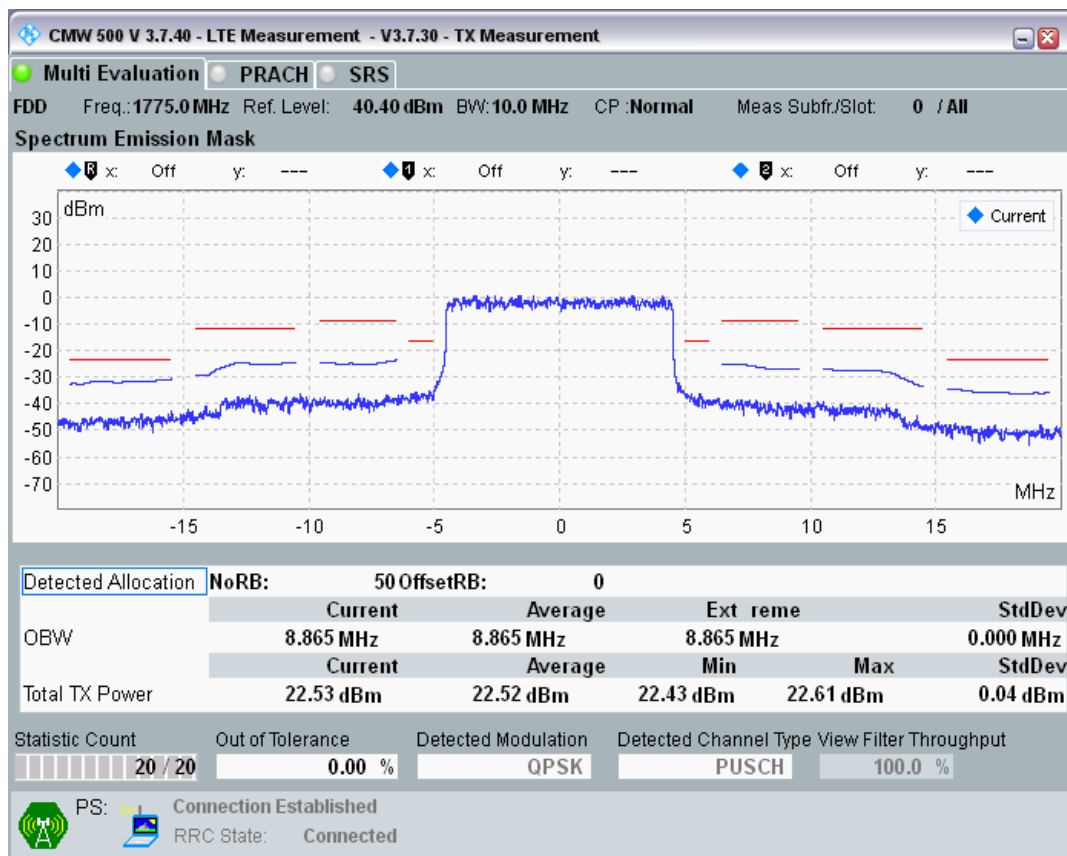
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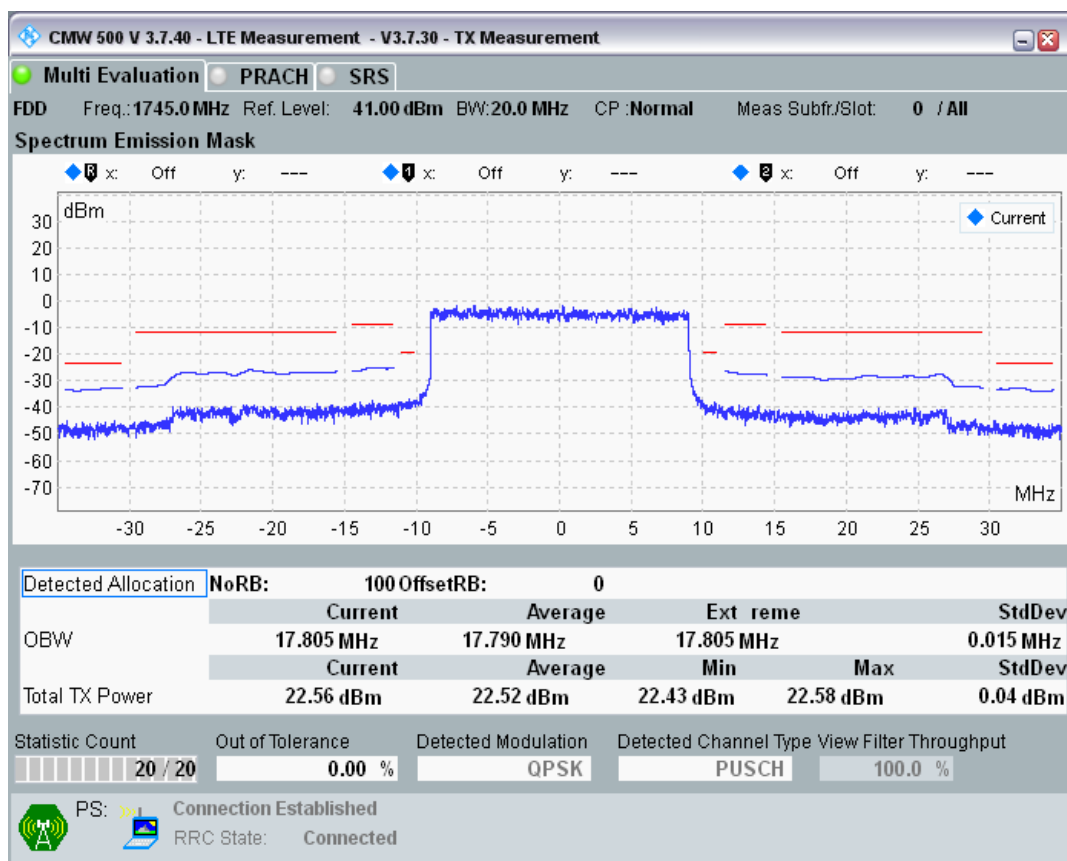
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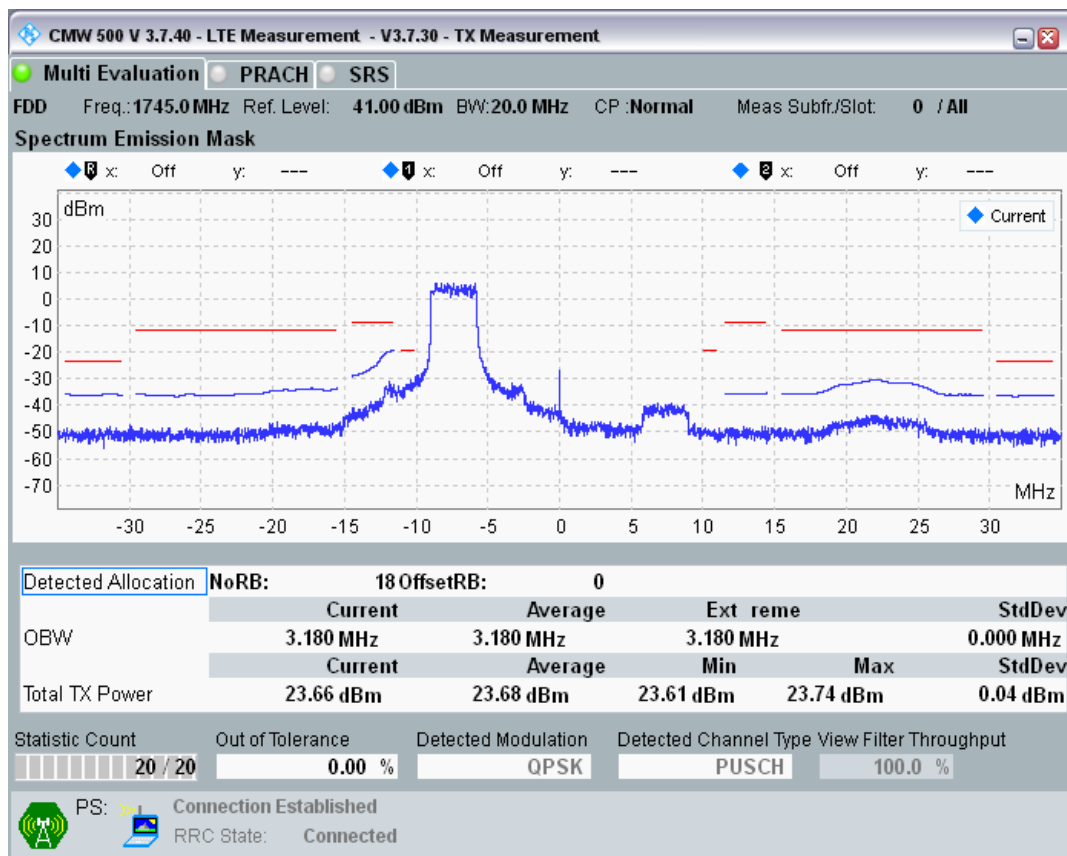
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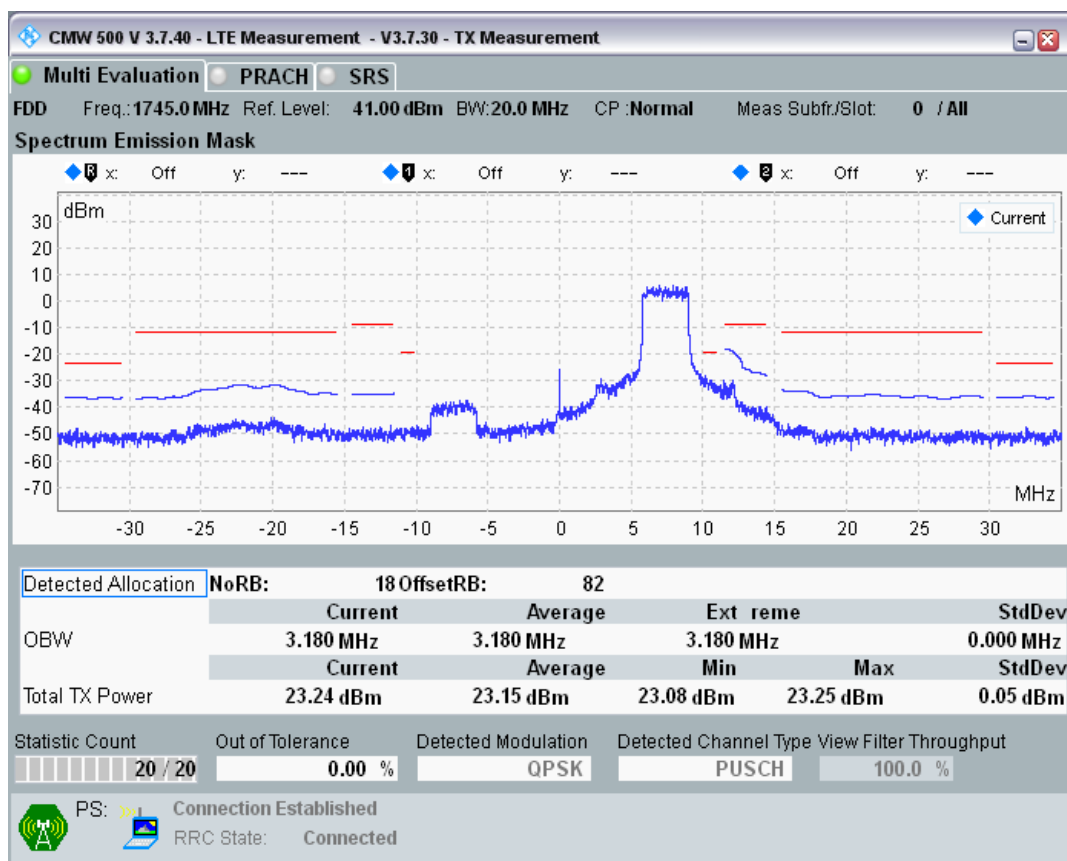
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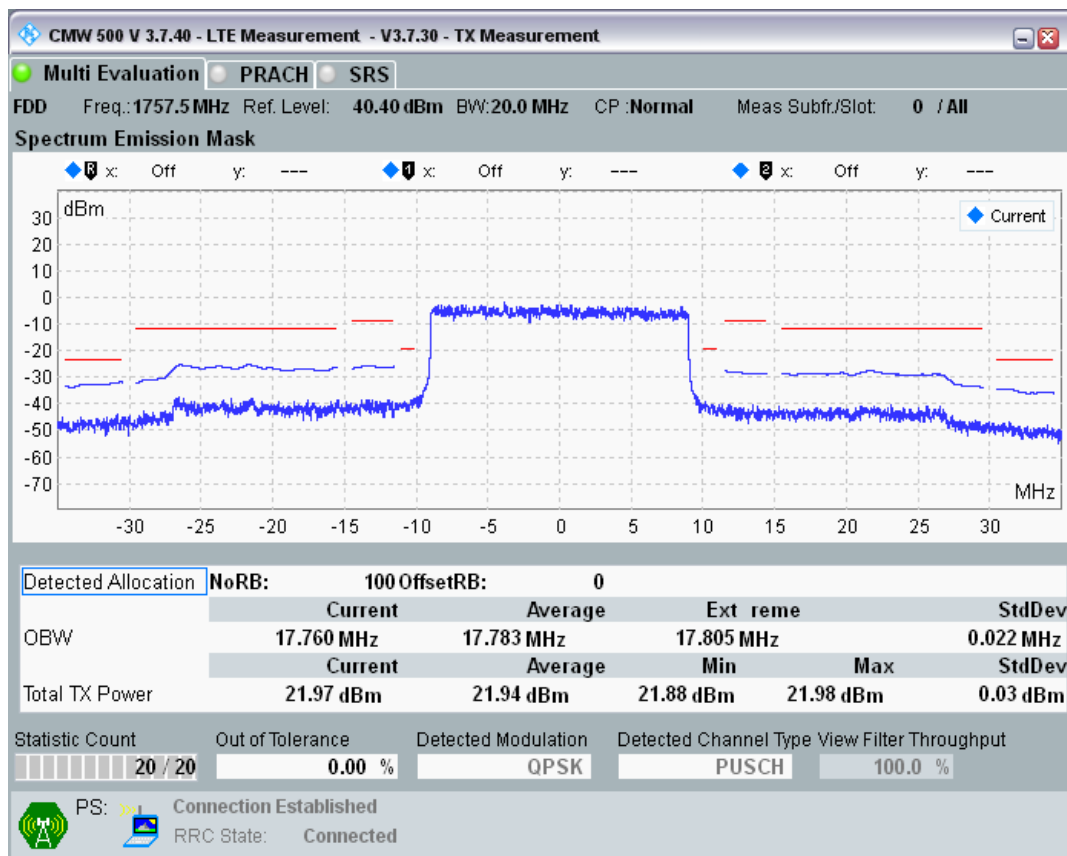
Band3 QPSK BW=20MHz Channel=19550 RB Size=18 Position=#0.png



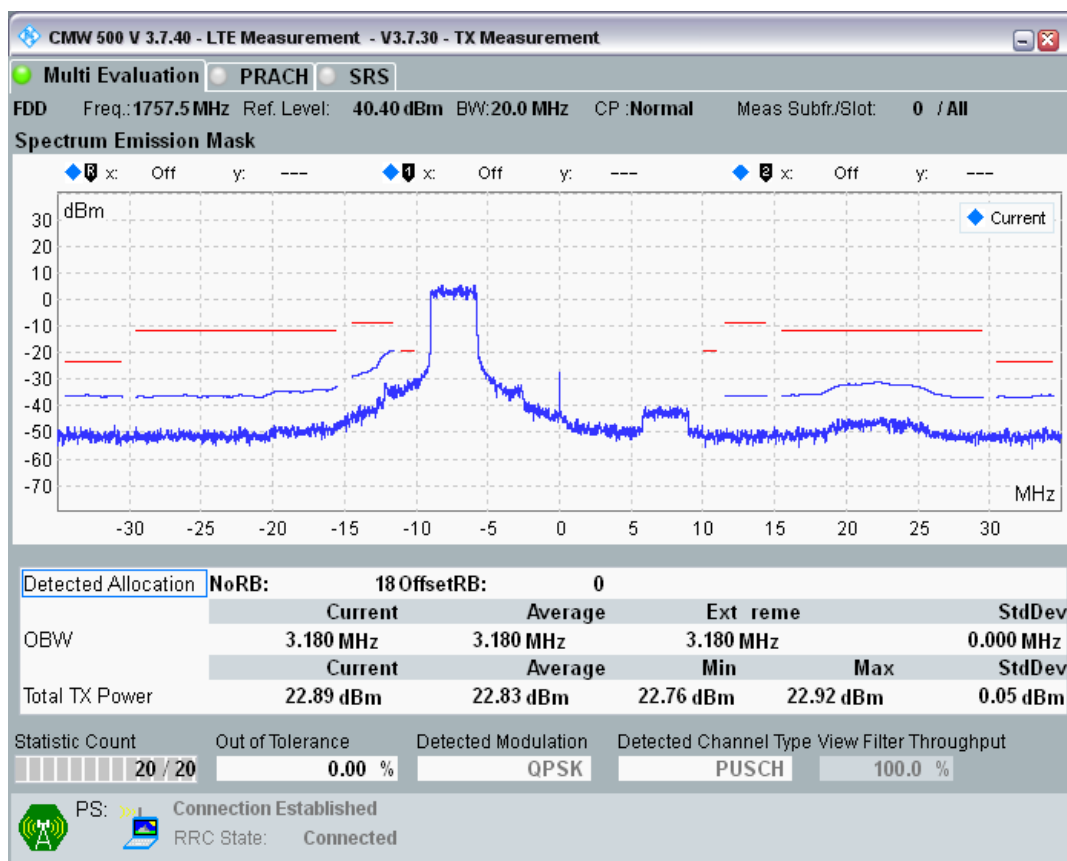
Band3 QPSK BW=20MHz Channel=19550 RB Size=18 Position=#Max.png



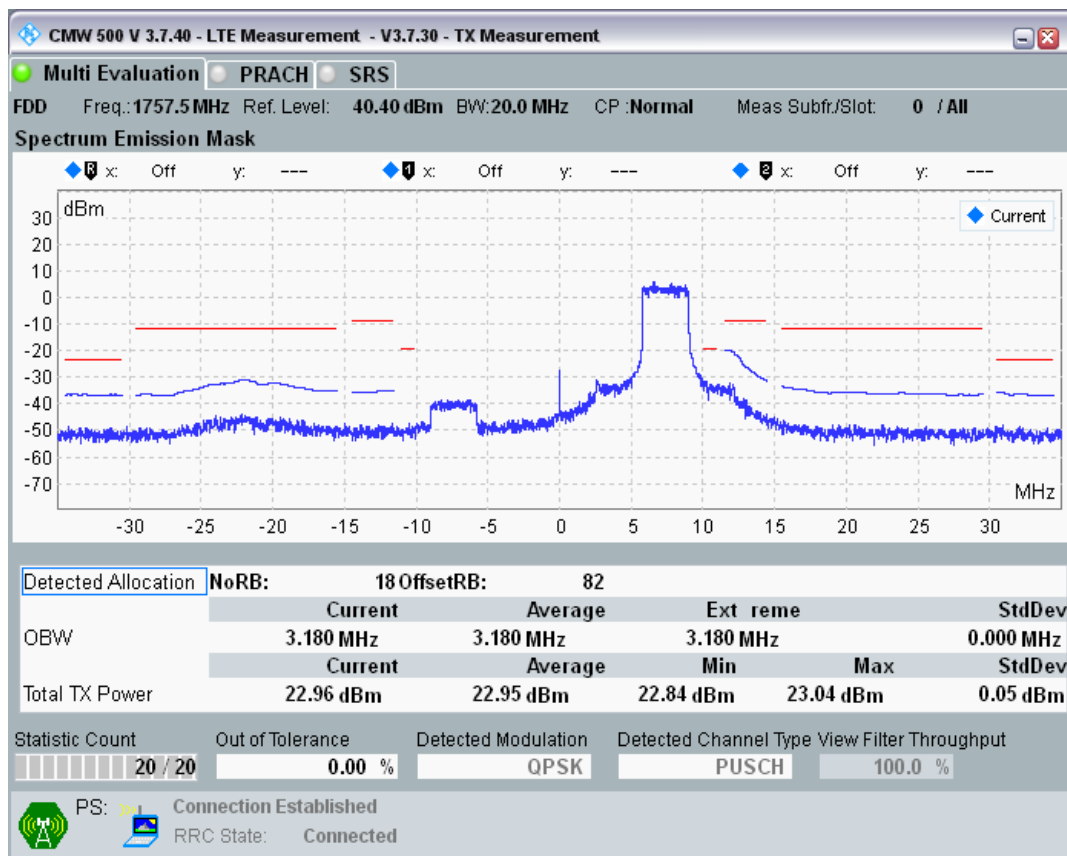
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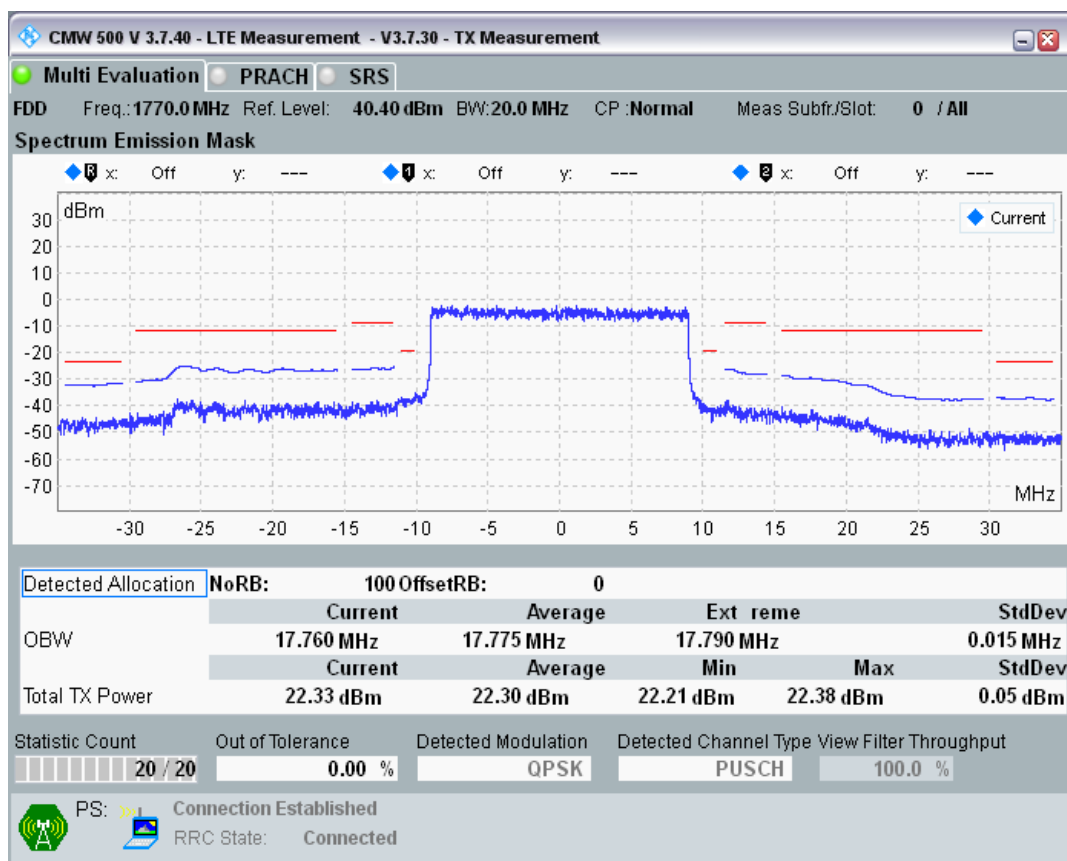
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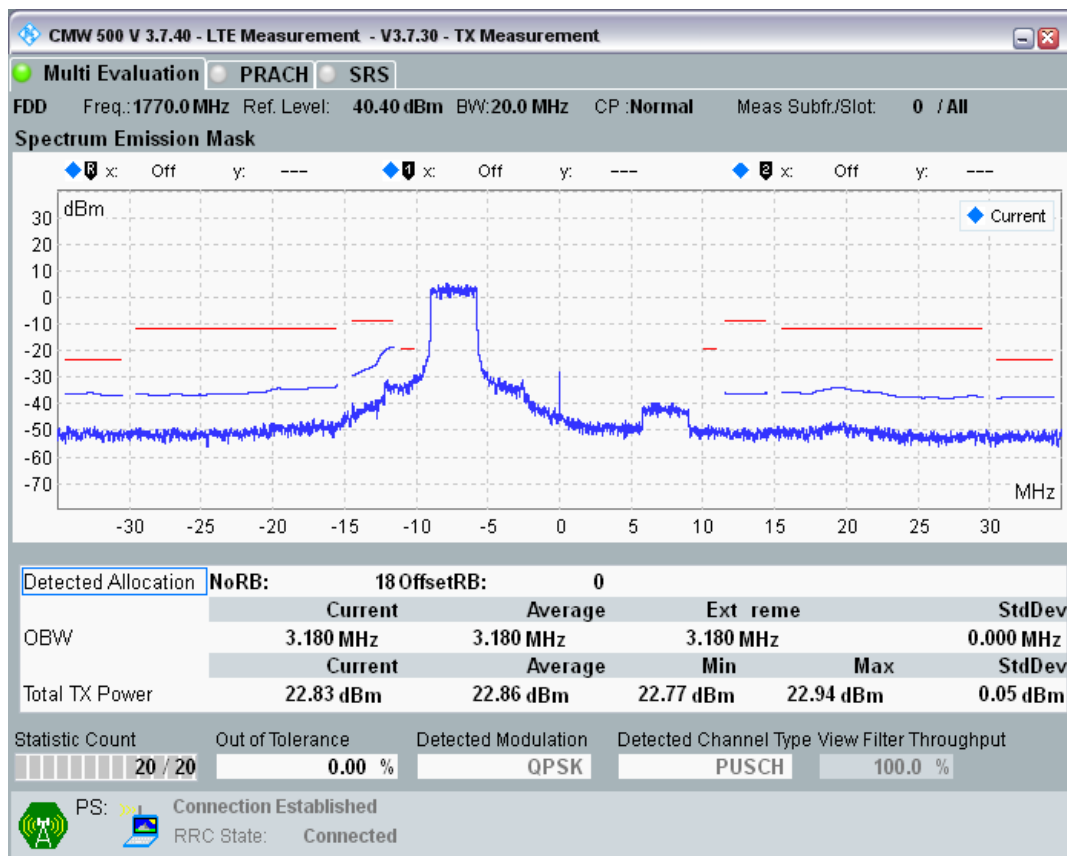
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Band3 QPSK BW=20MHz Channel=19800 RB Size=100 Position=#0.png

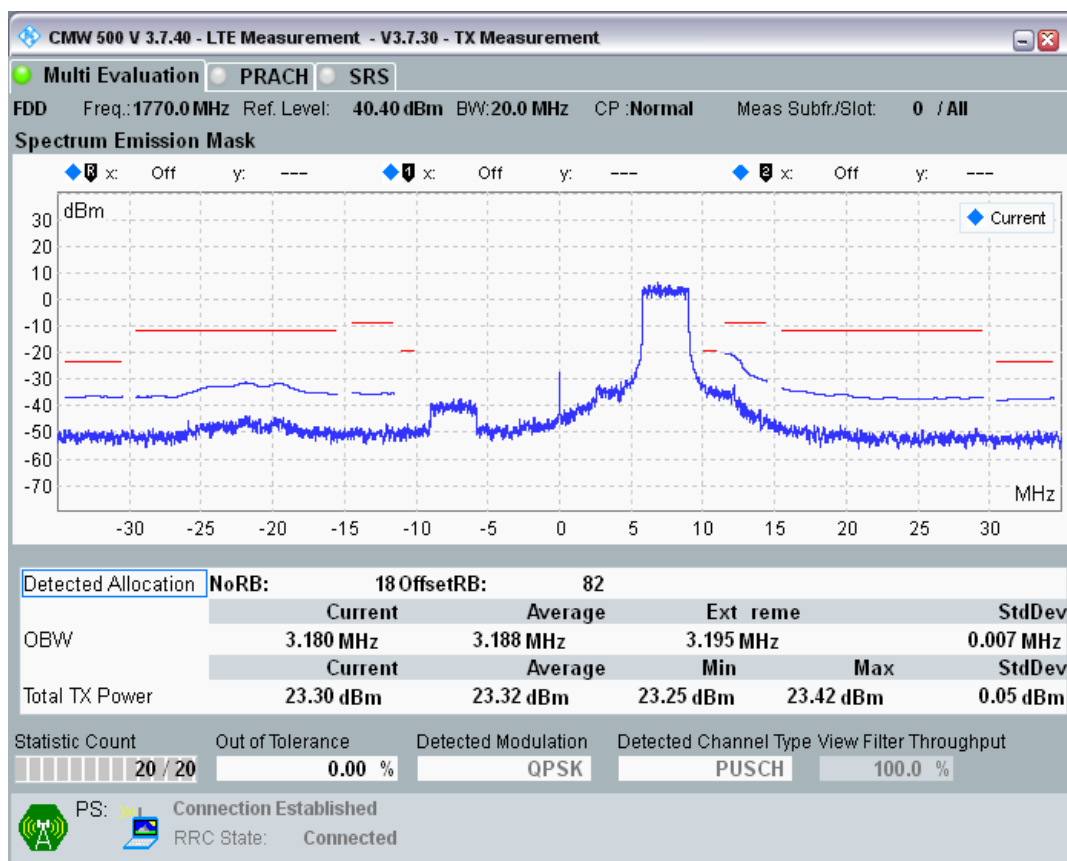


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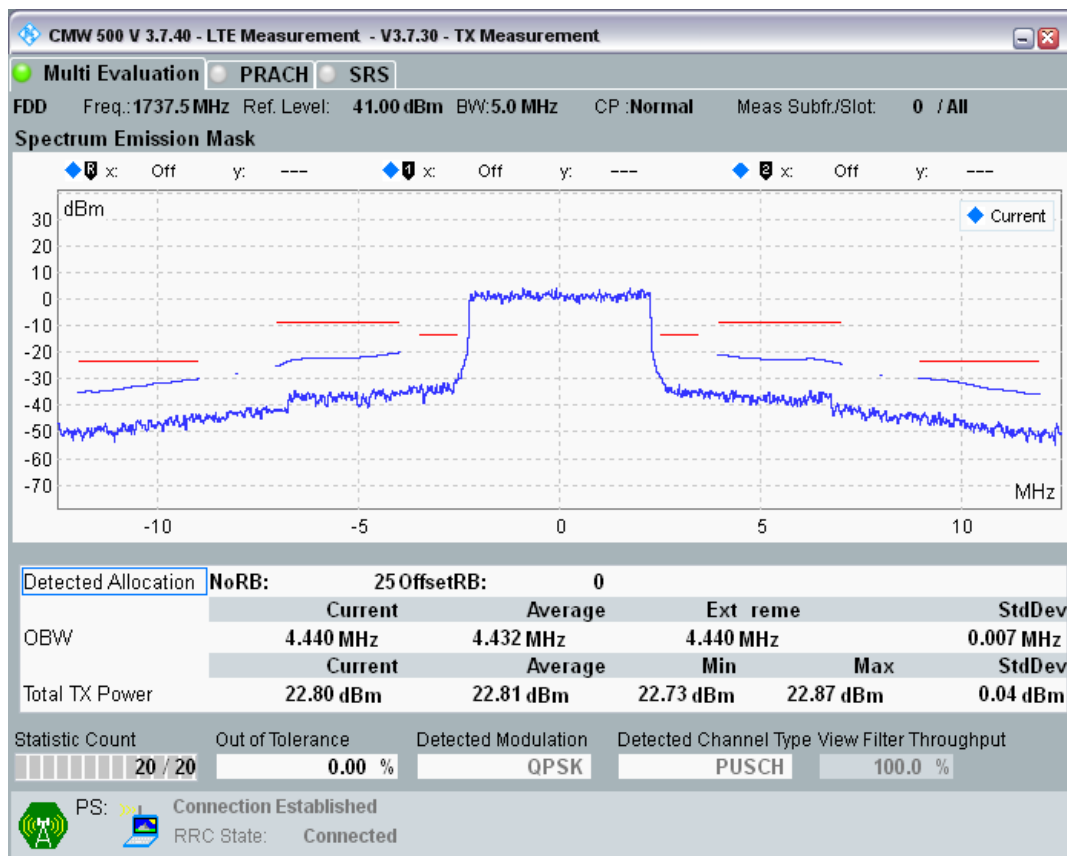




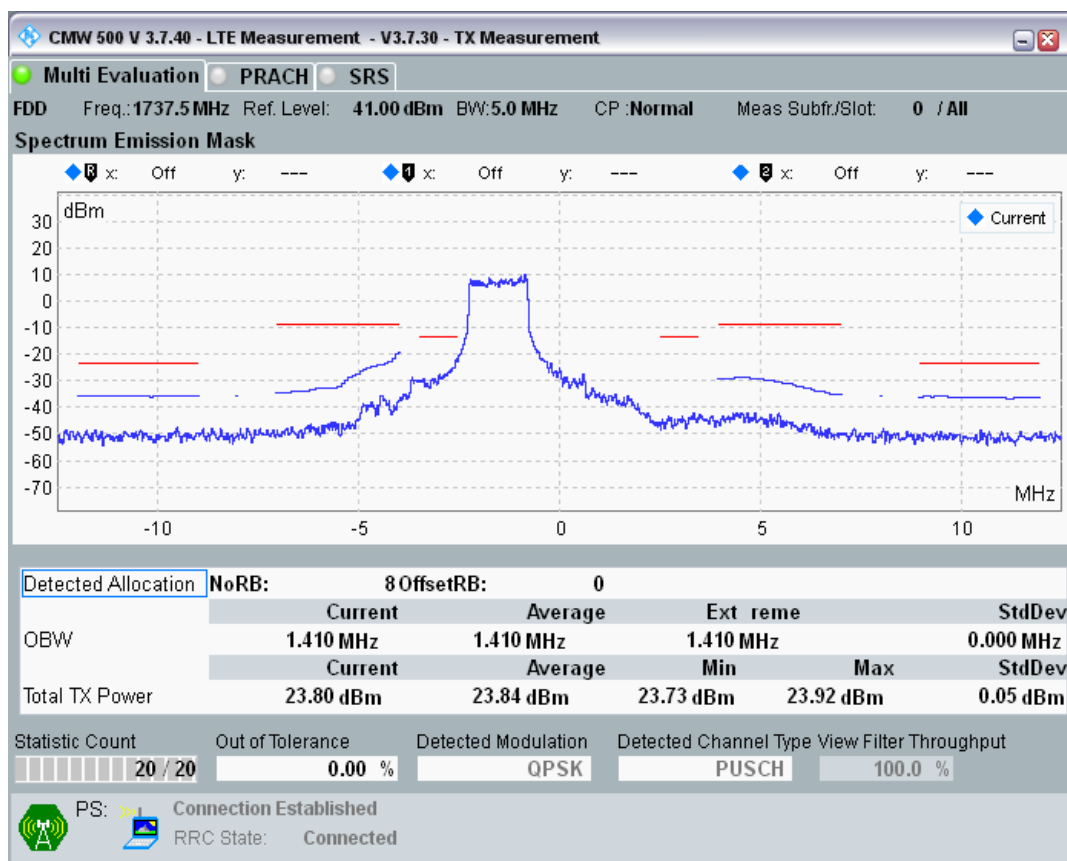
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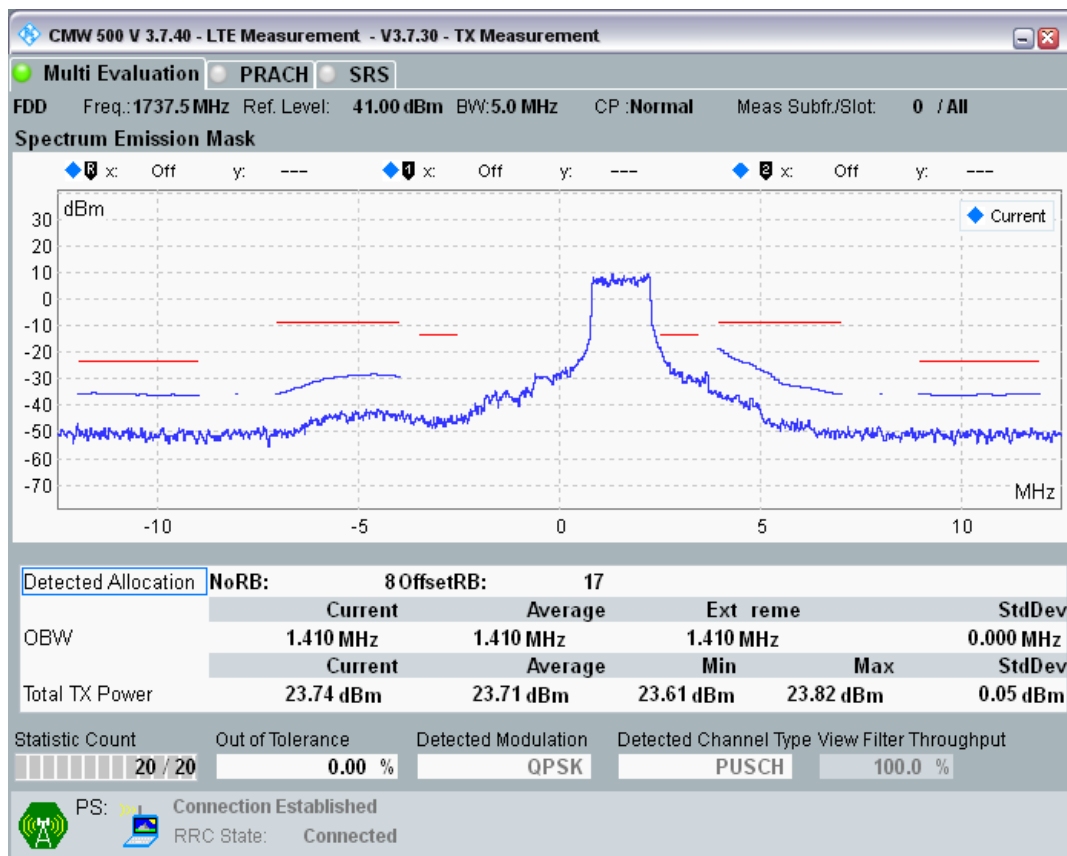
Band3 QPSK BW=5MHz Channel=19475 RB Size=25 Position=#0.png



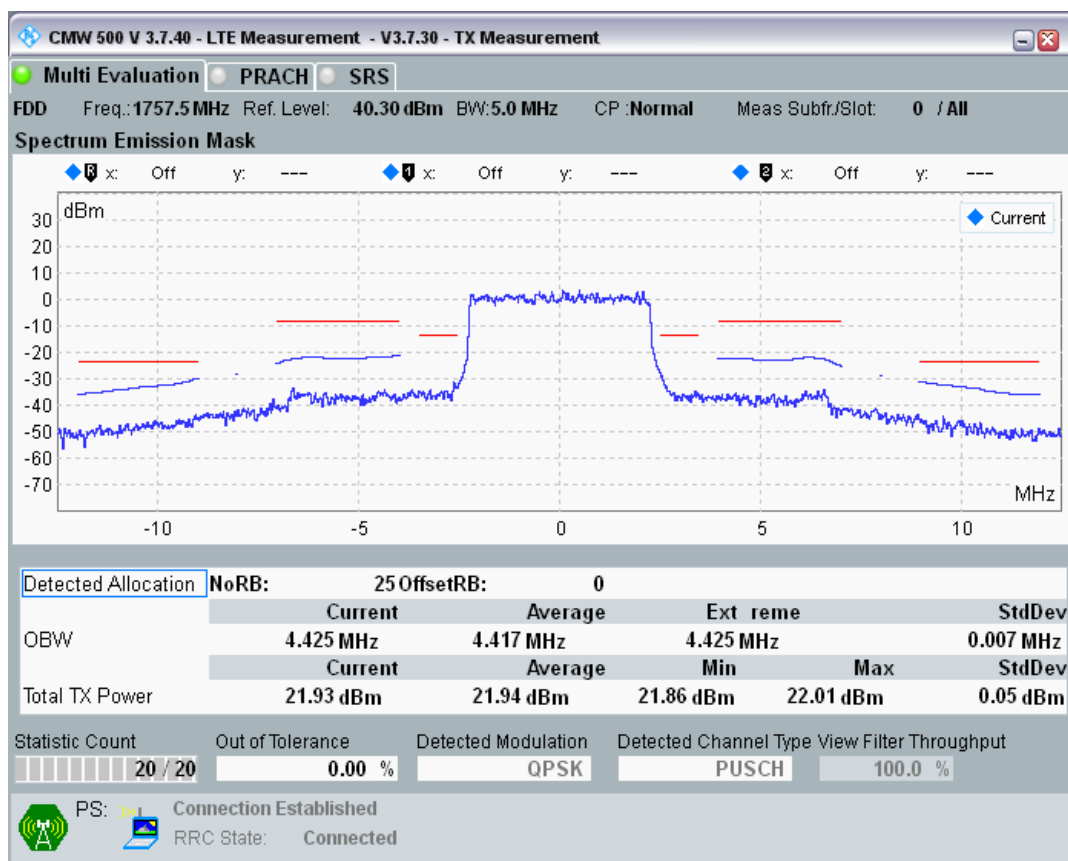
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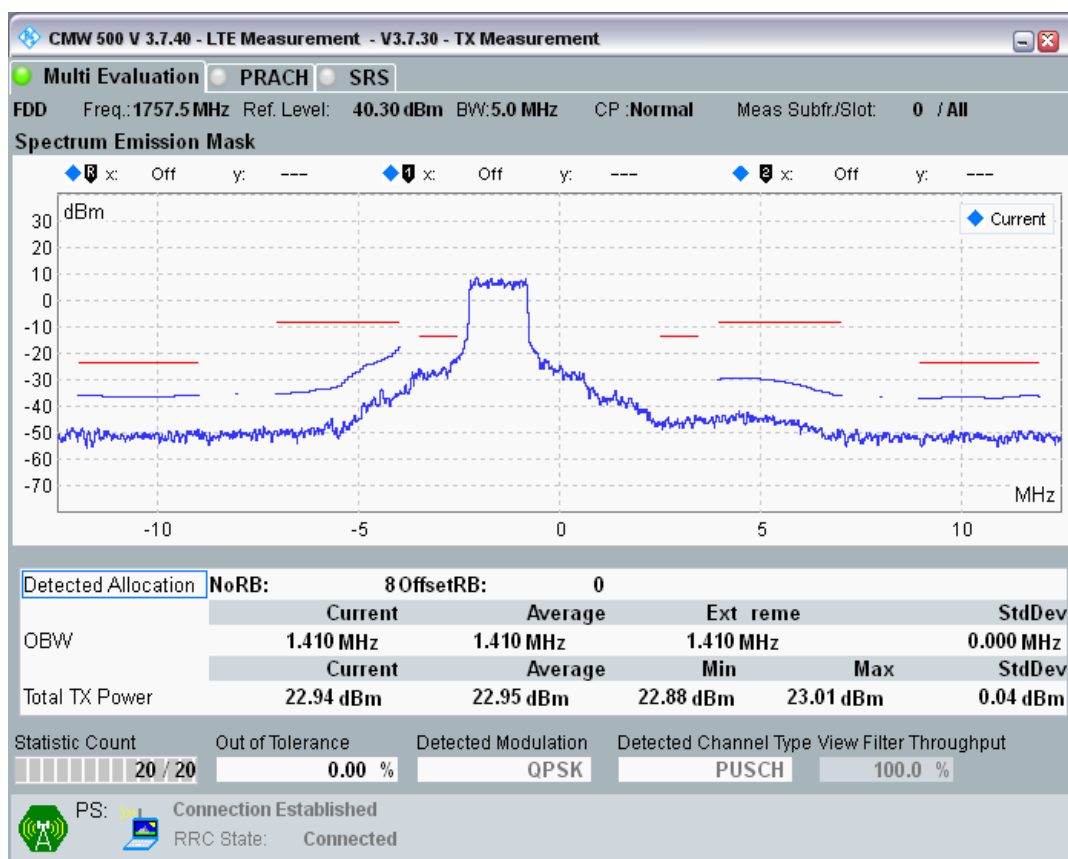
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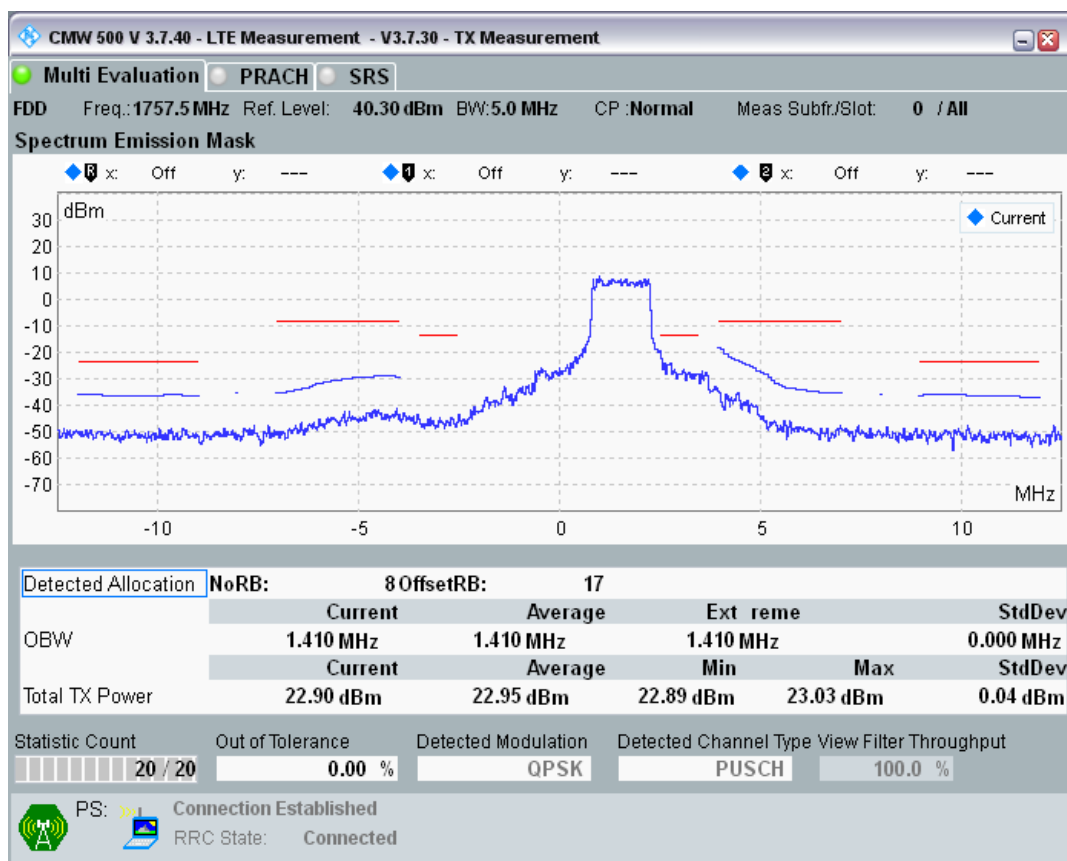
Band3 QPSK BW=5MHz Channel=19675 RB Size=25 Position=#0.png



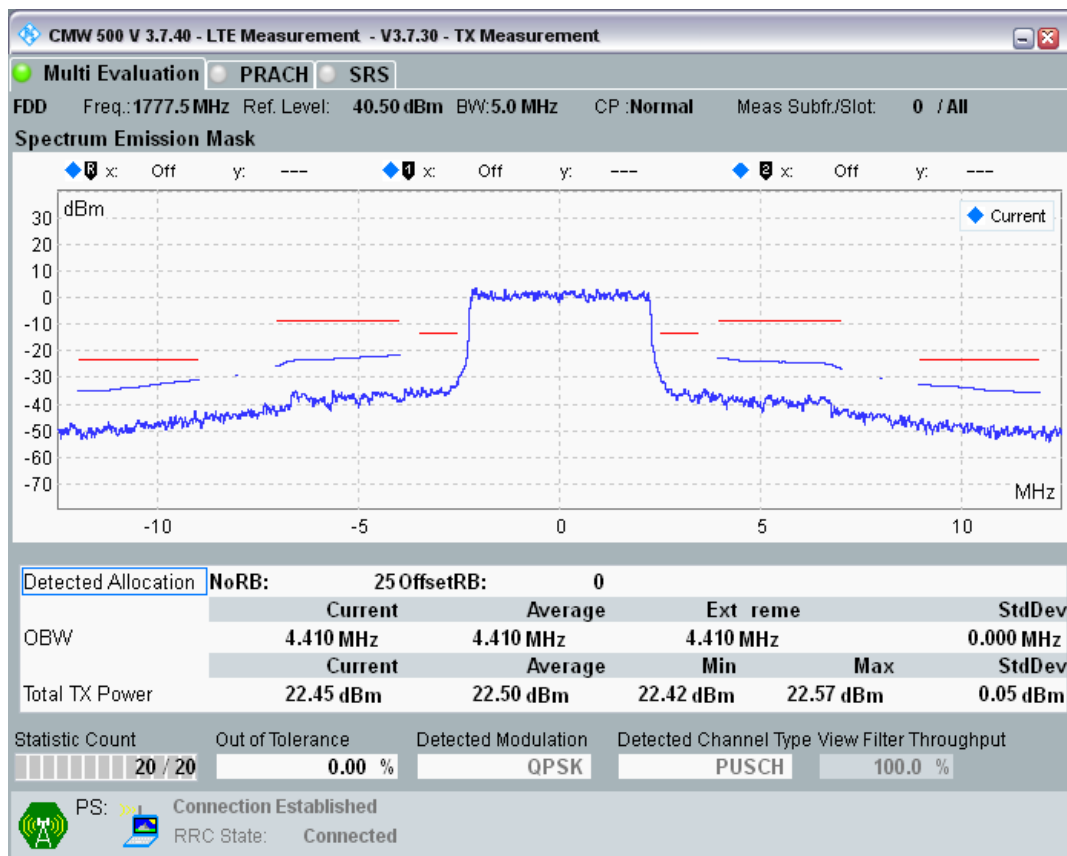
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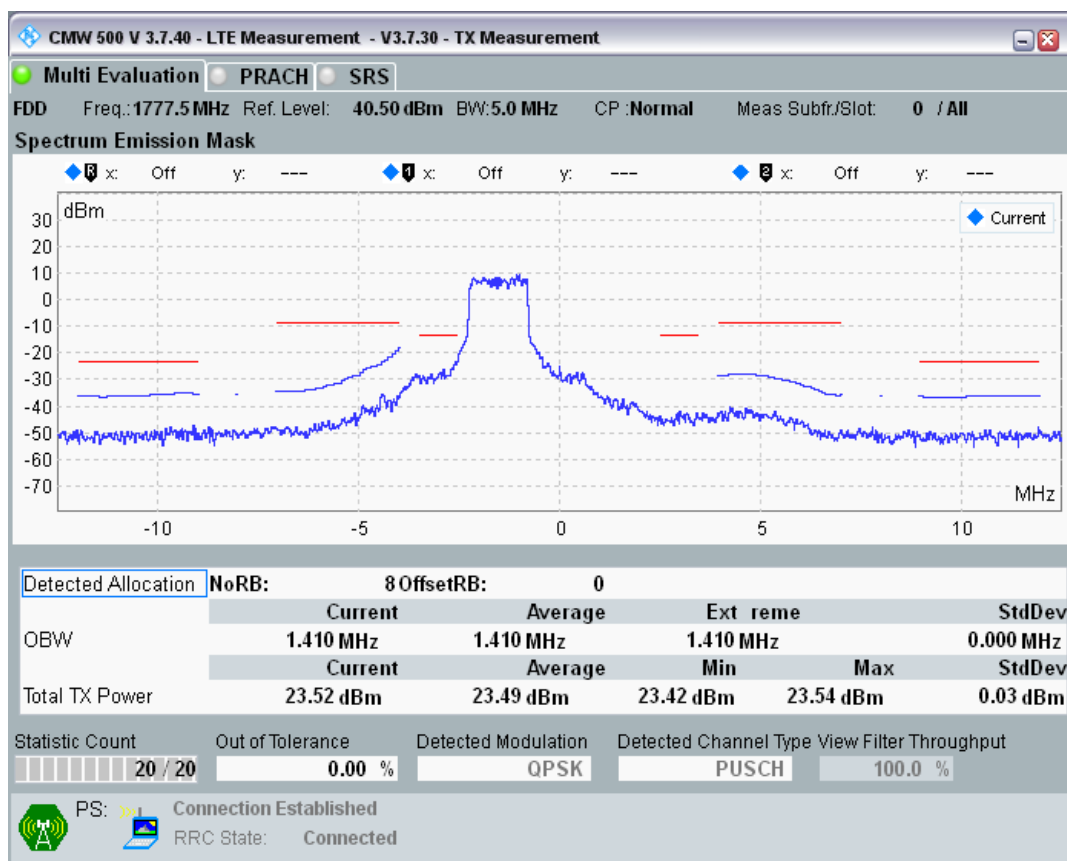
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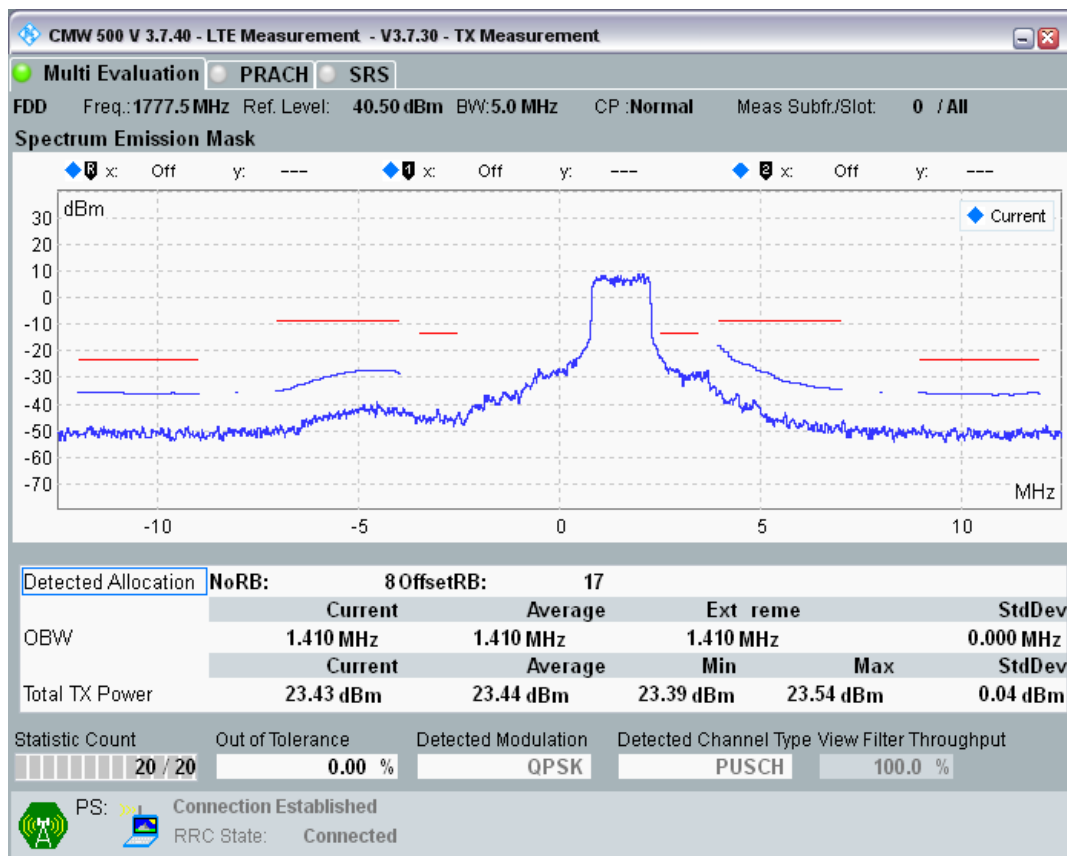
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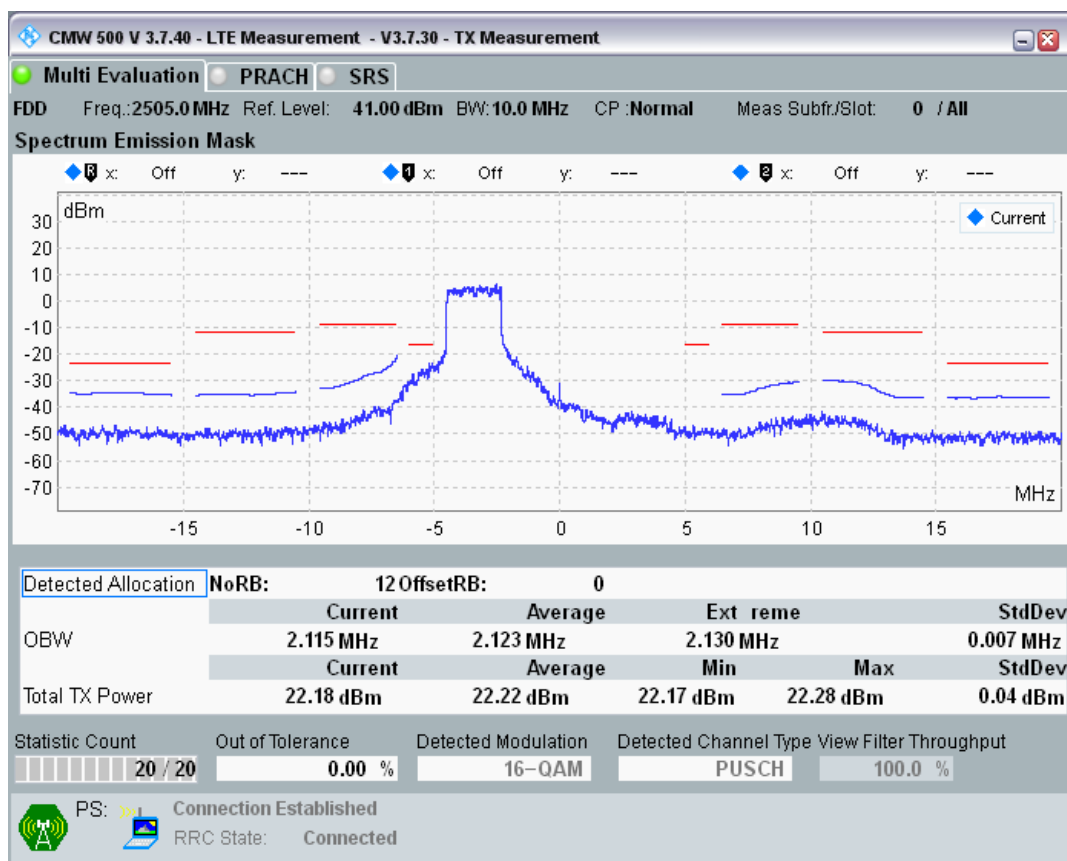
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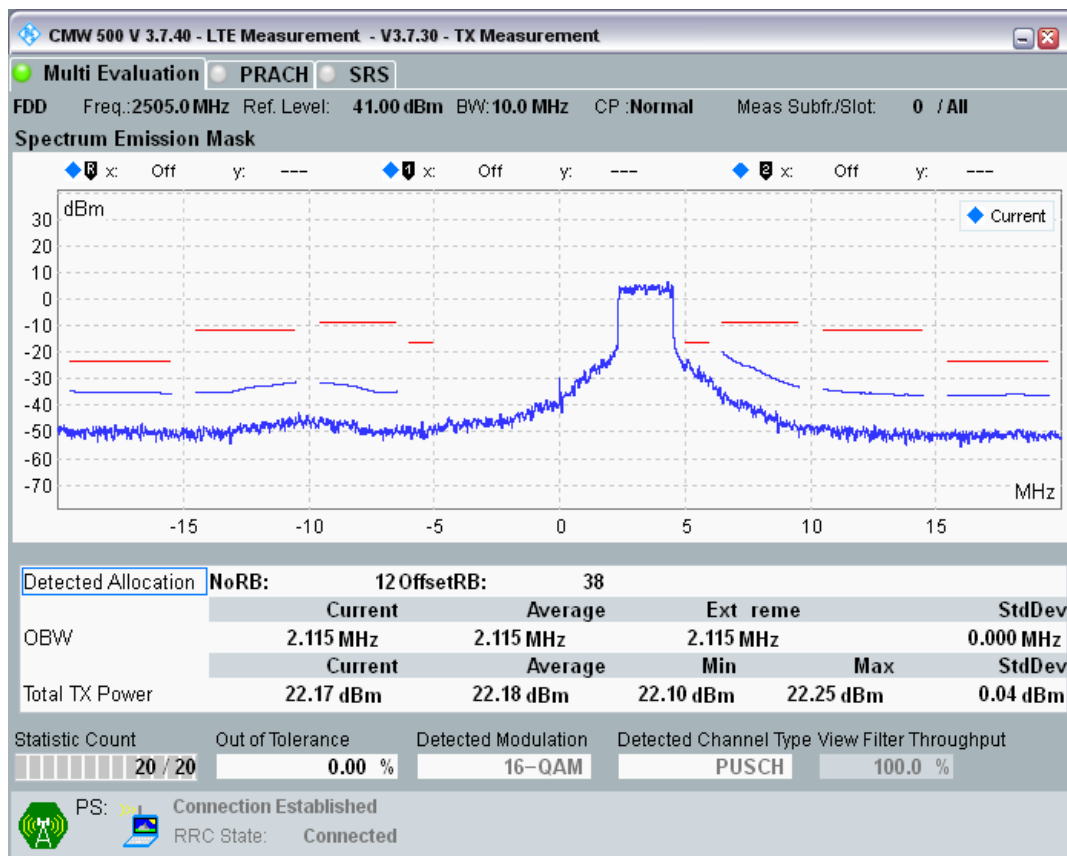
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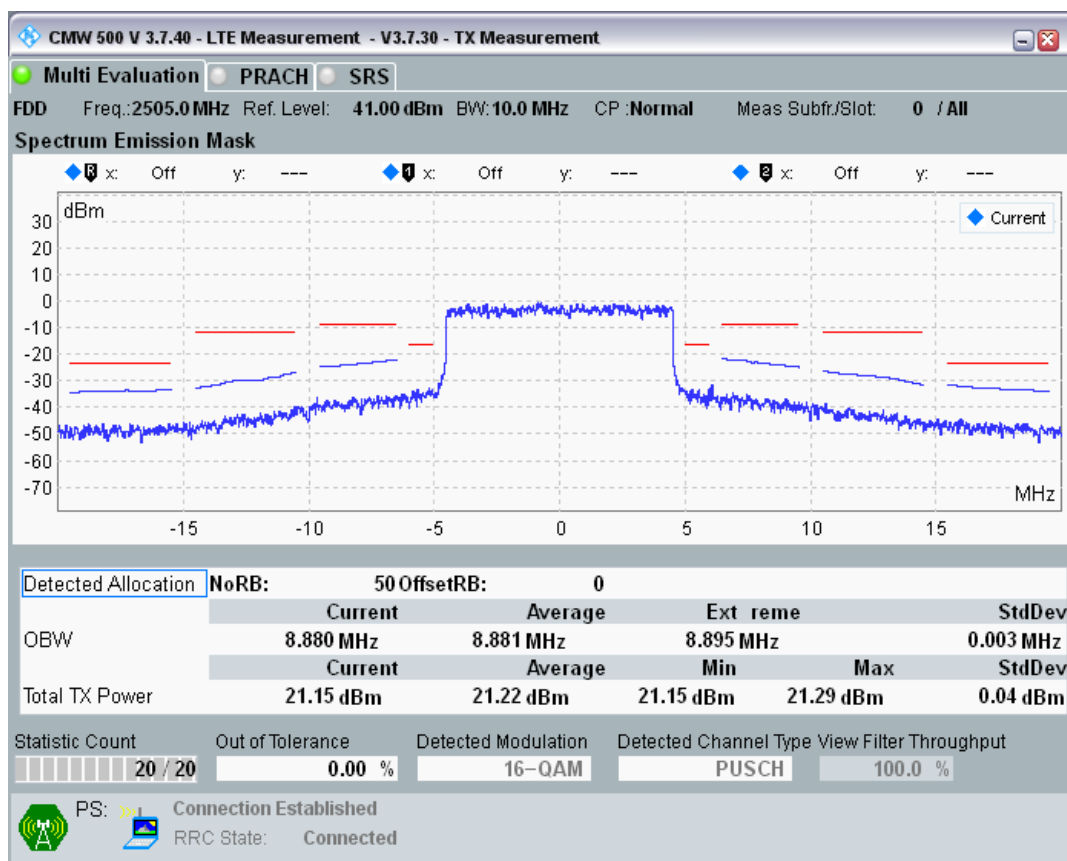
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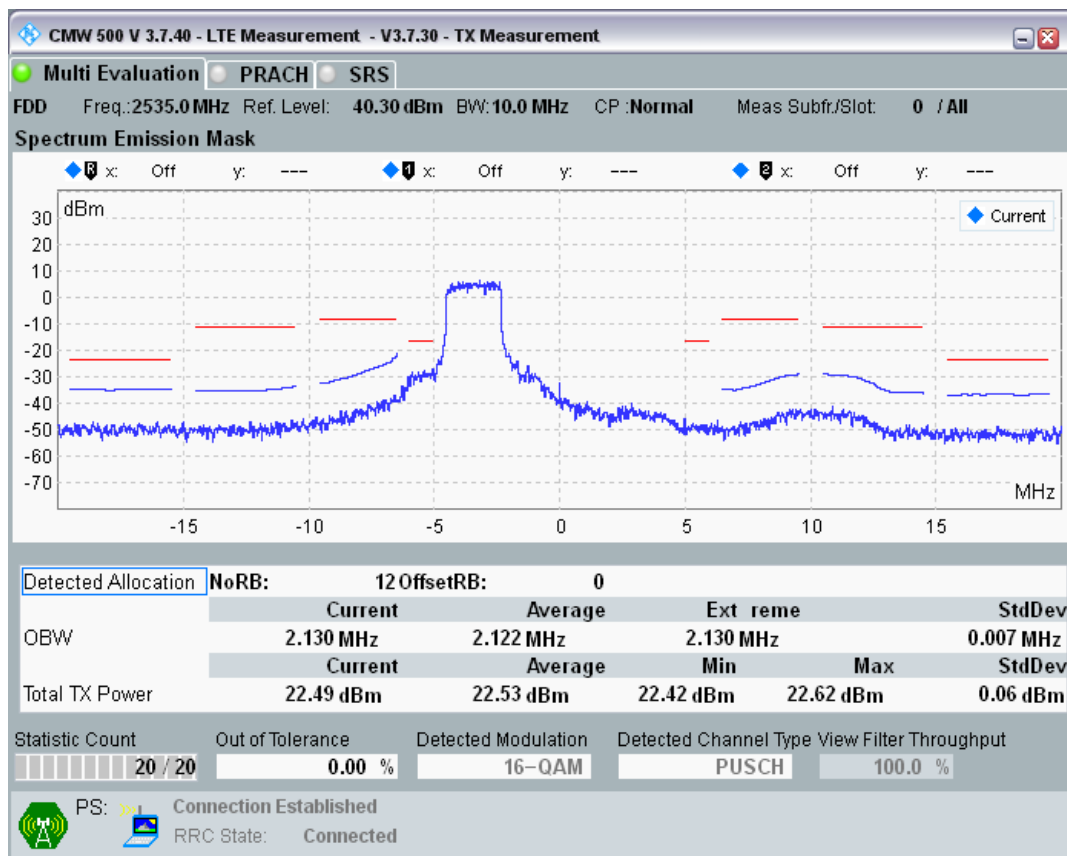
Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0.png

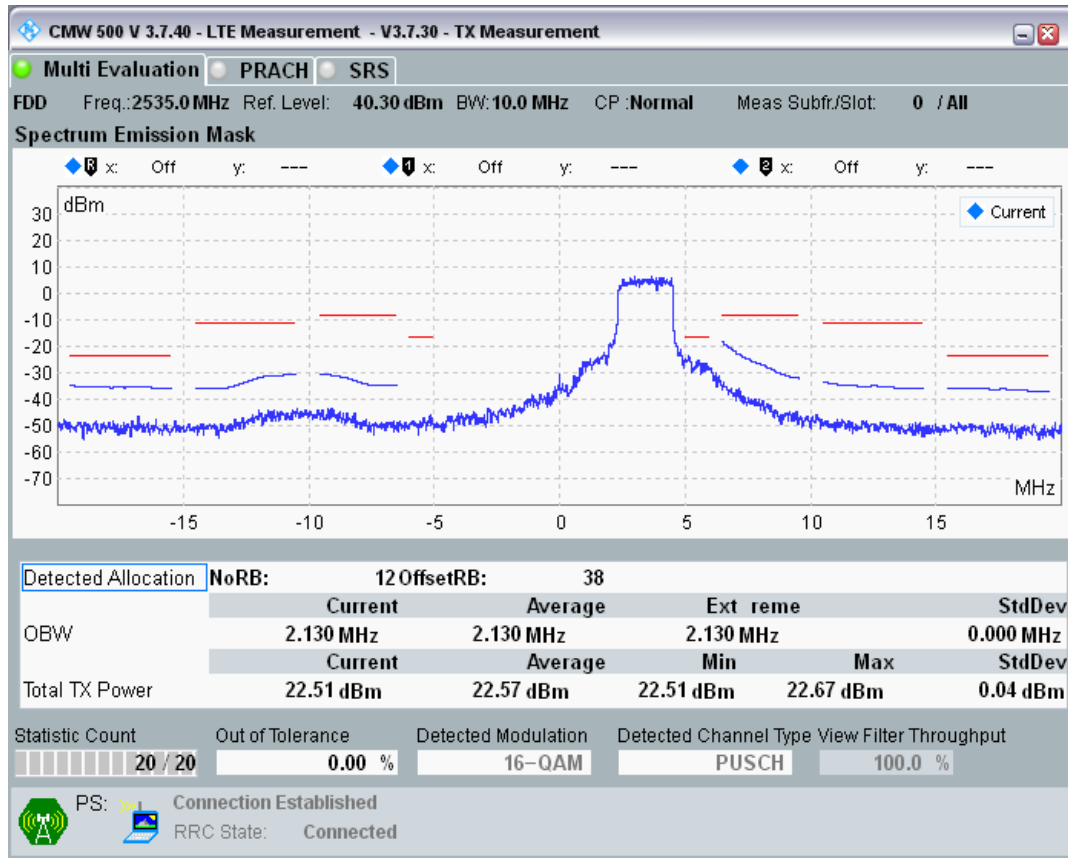


Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#0.png

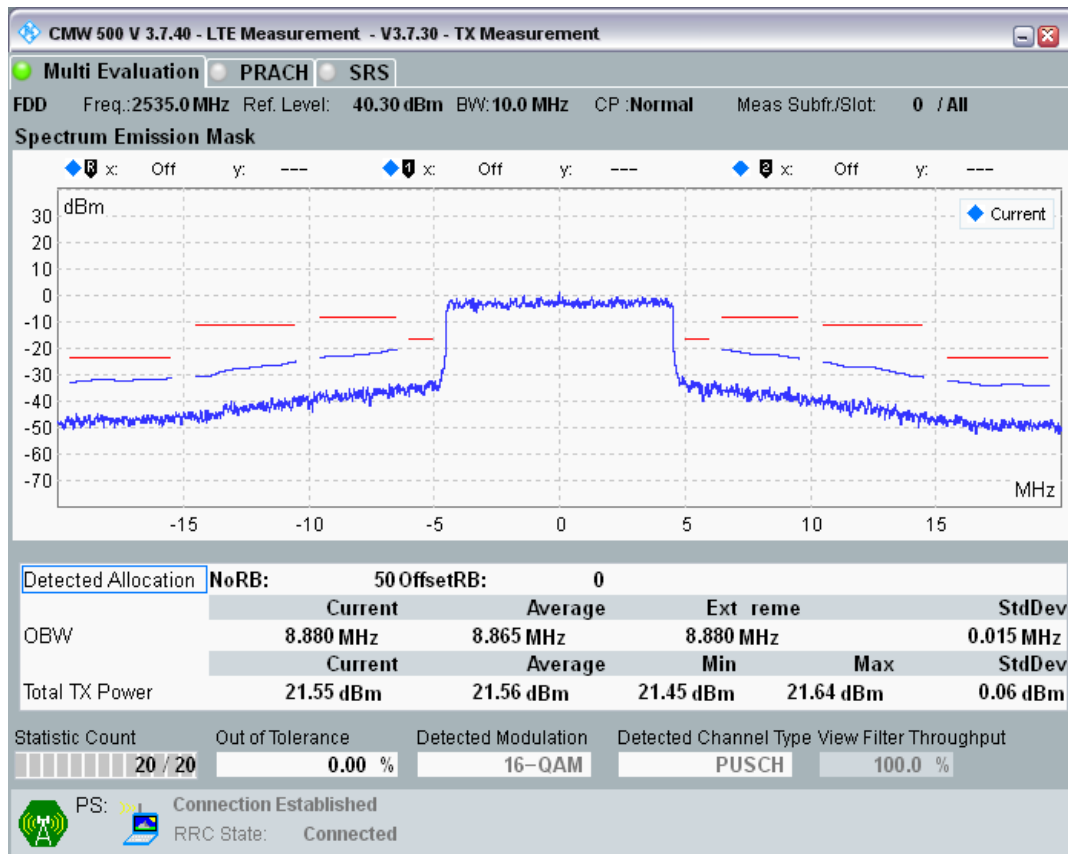




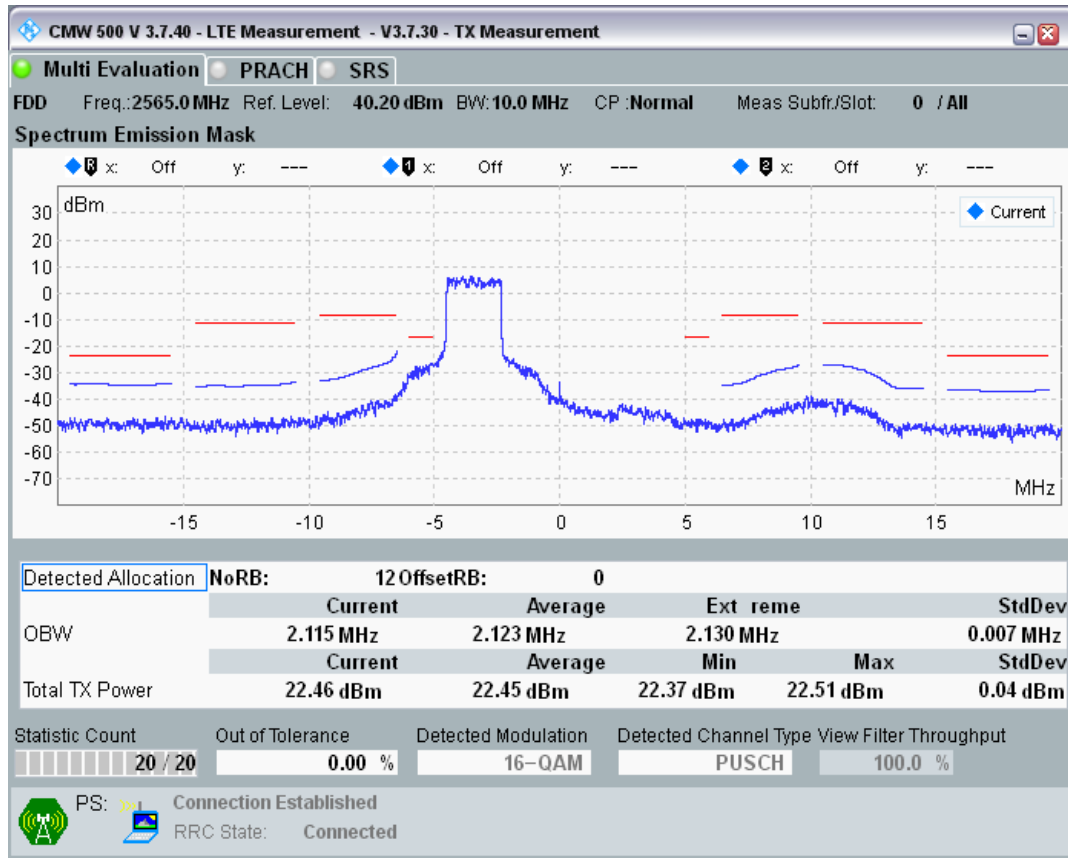
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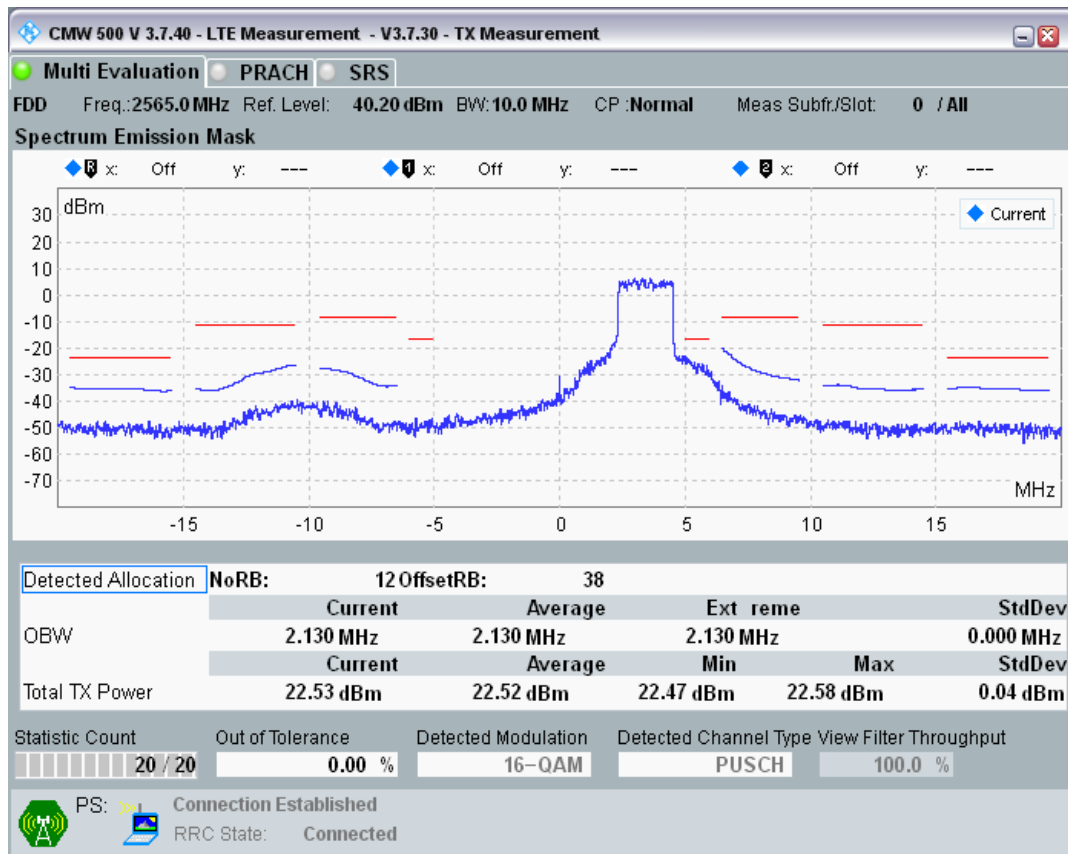
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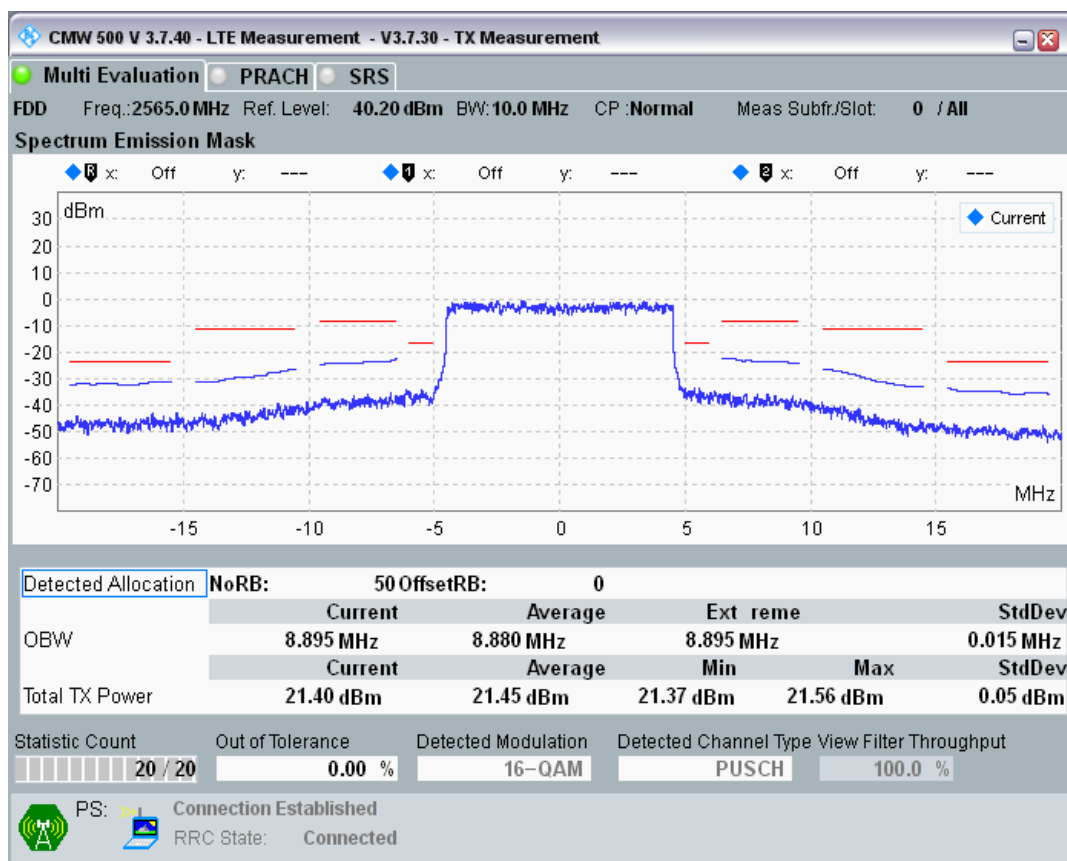
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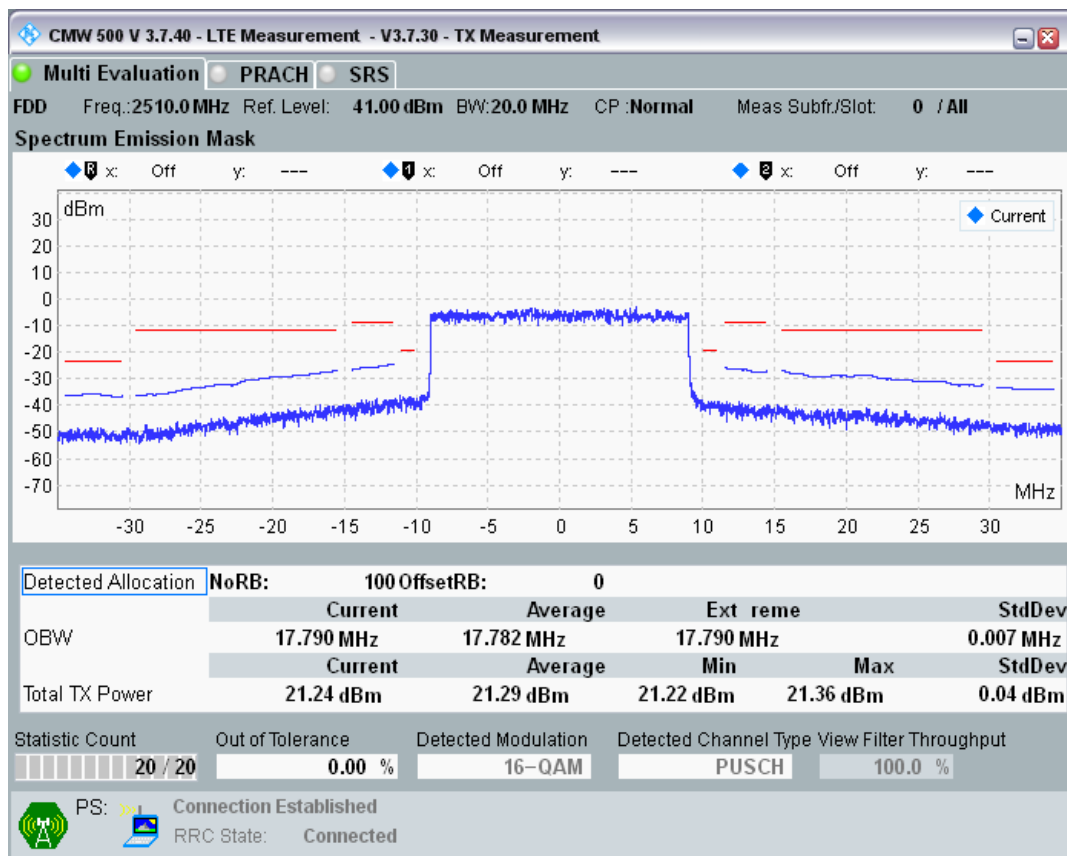
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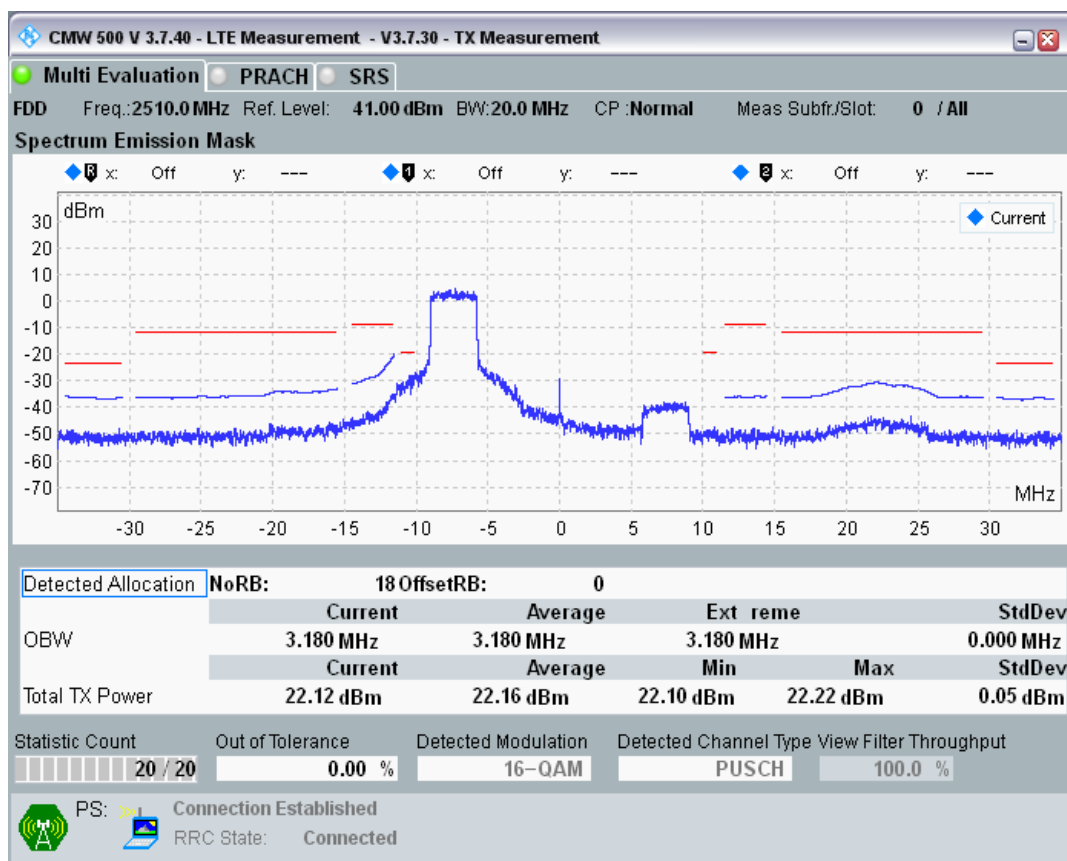
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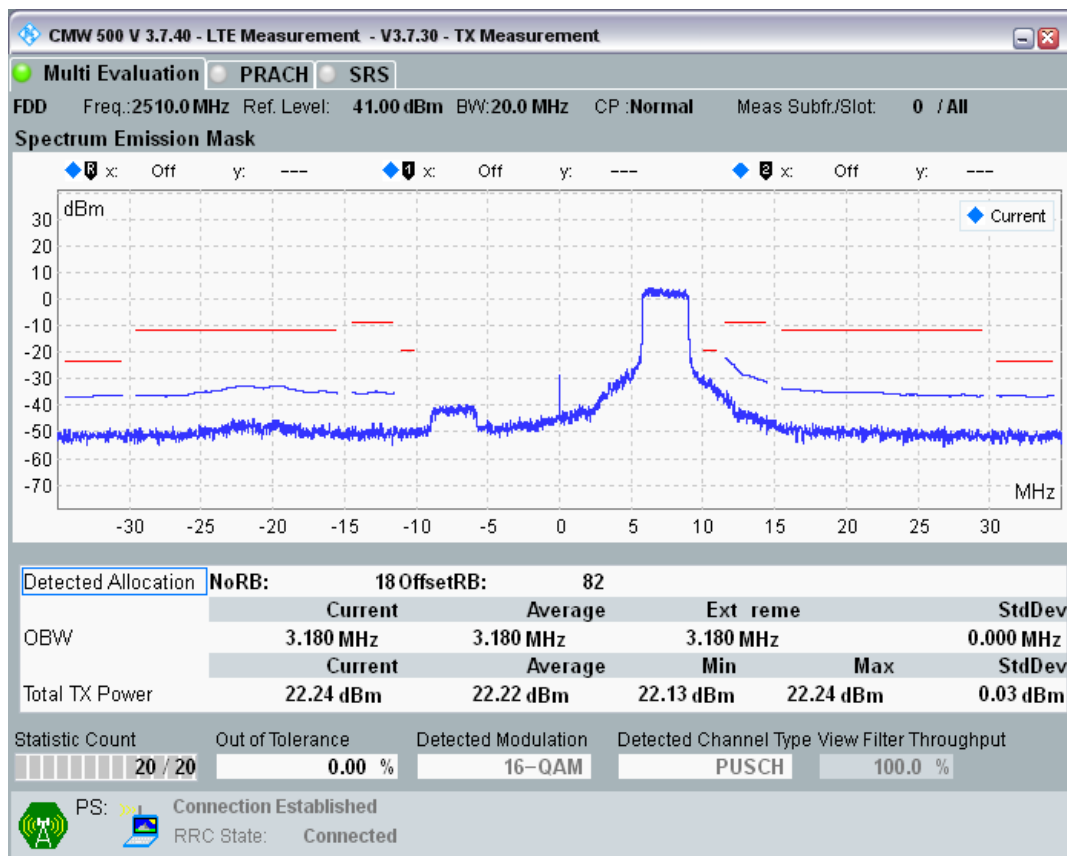
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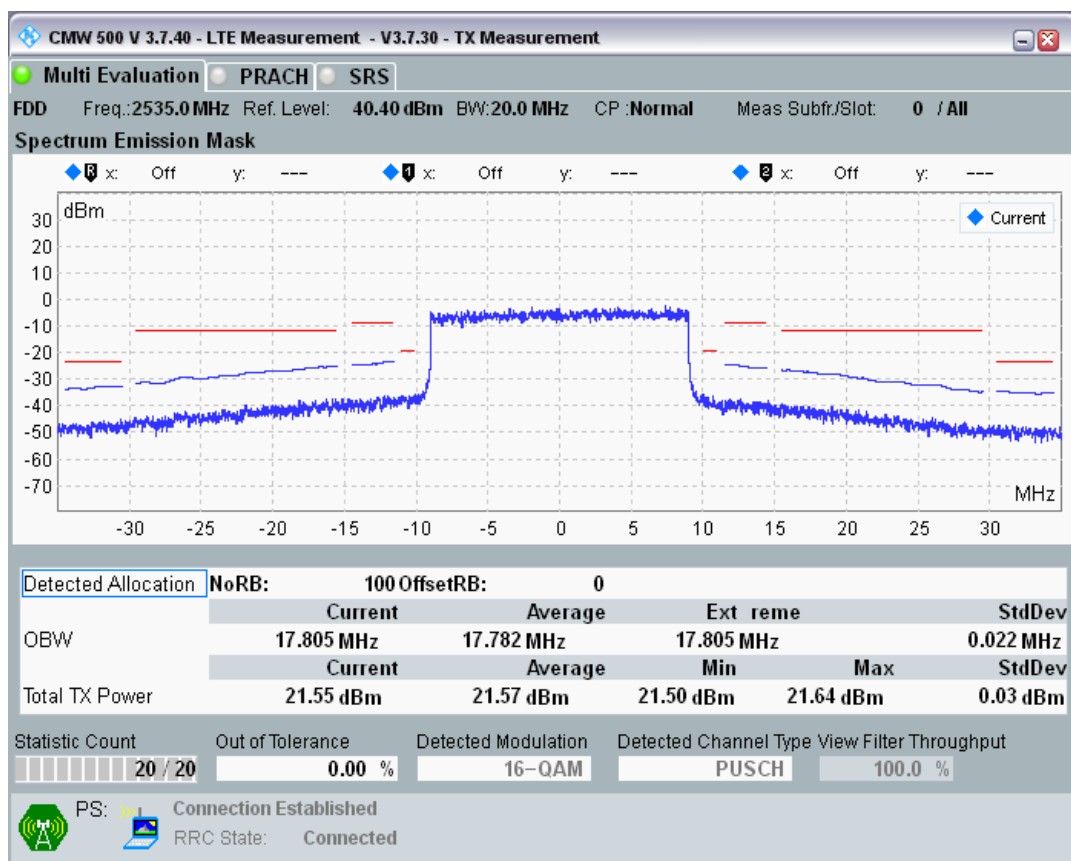
Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#0.png



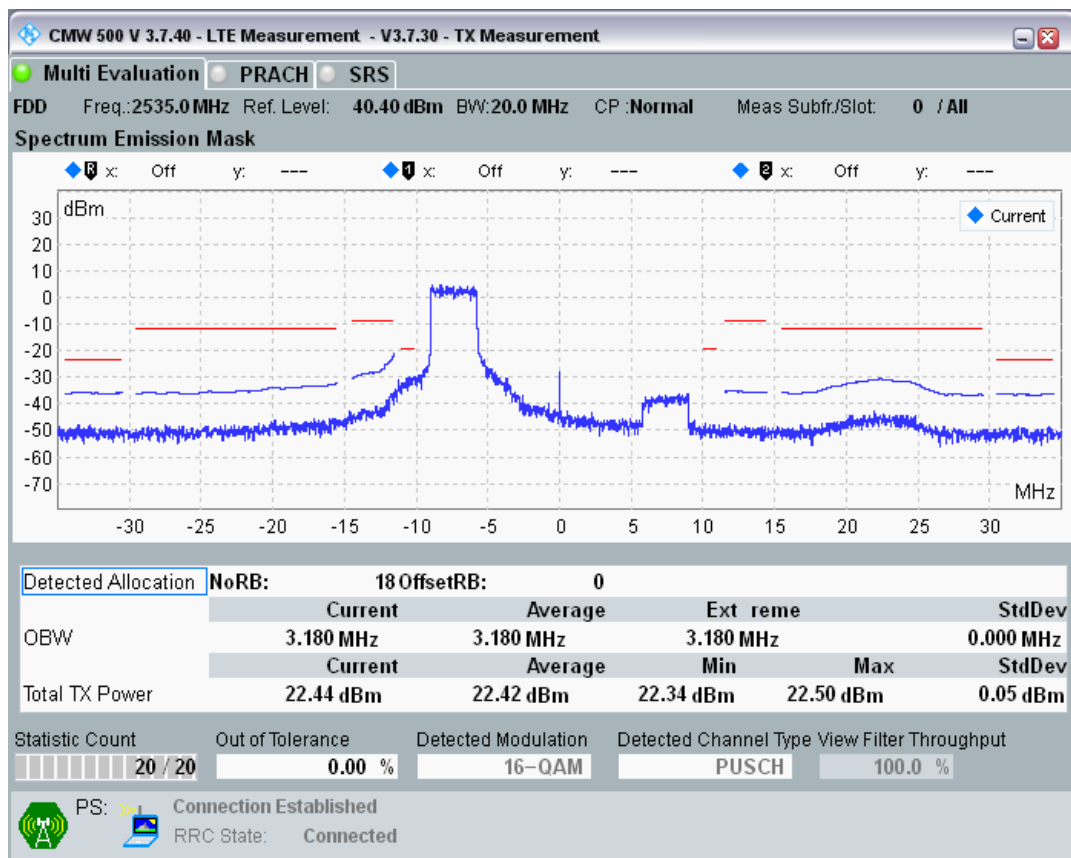
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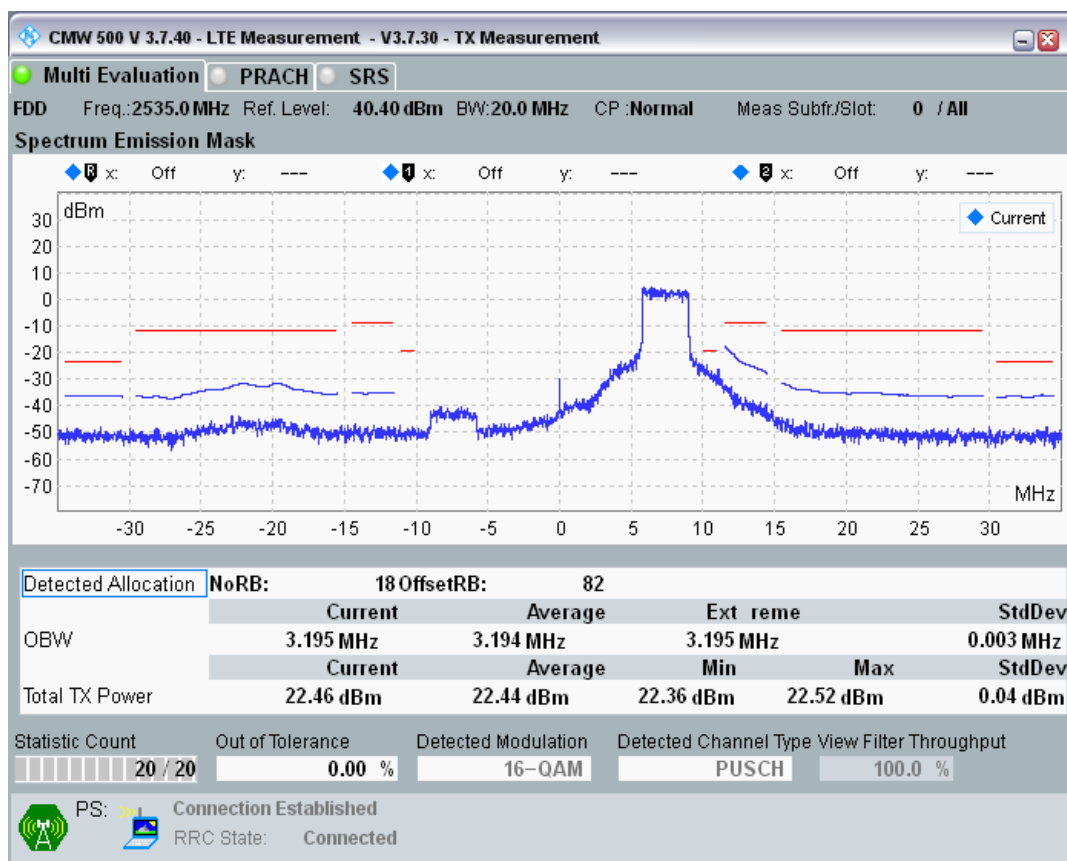
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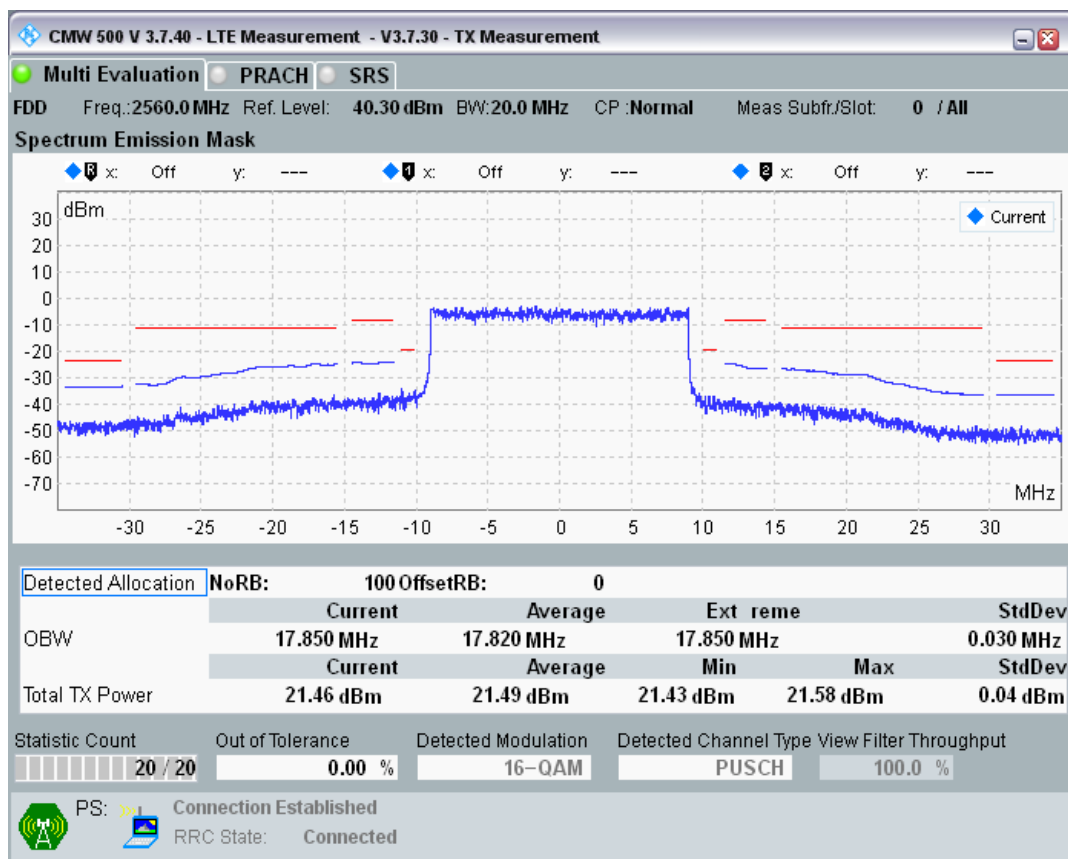
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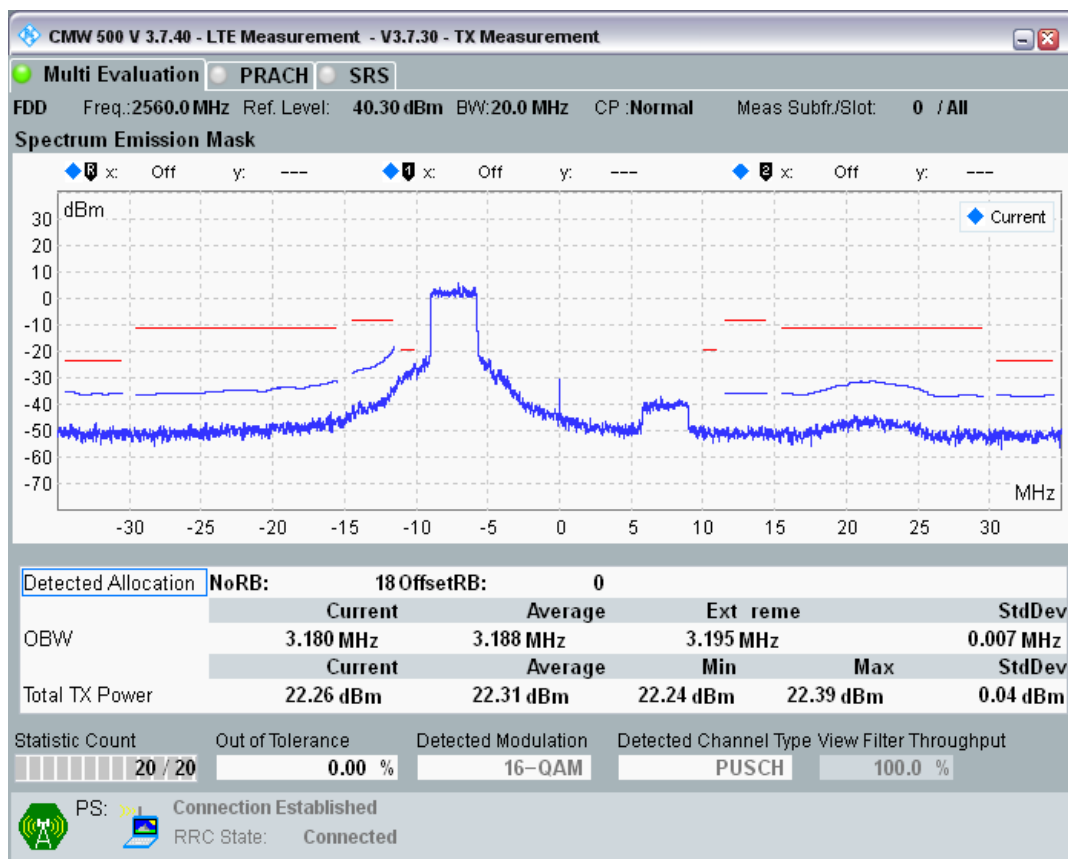
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Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0.png

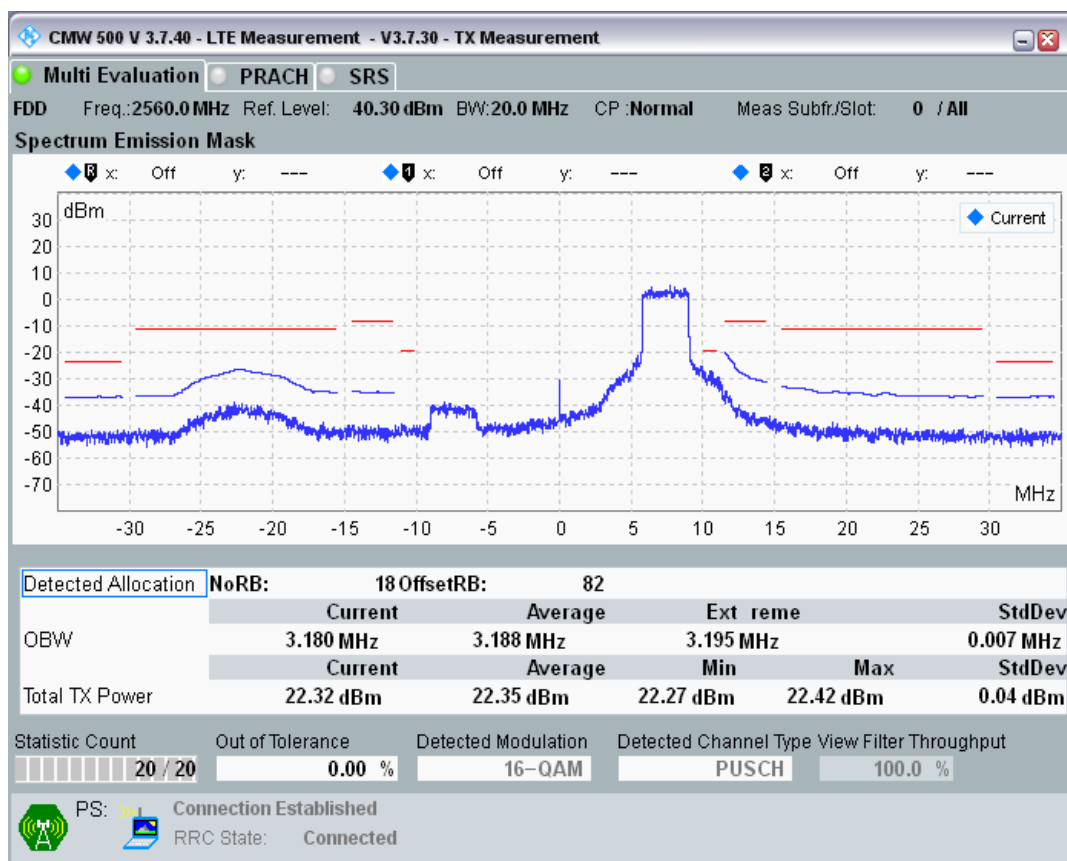


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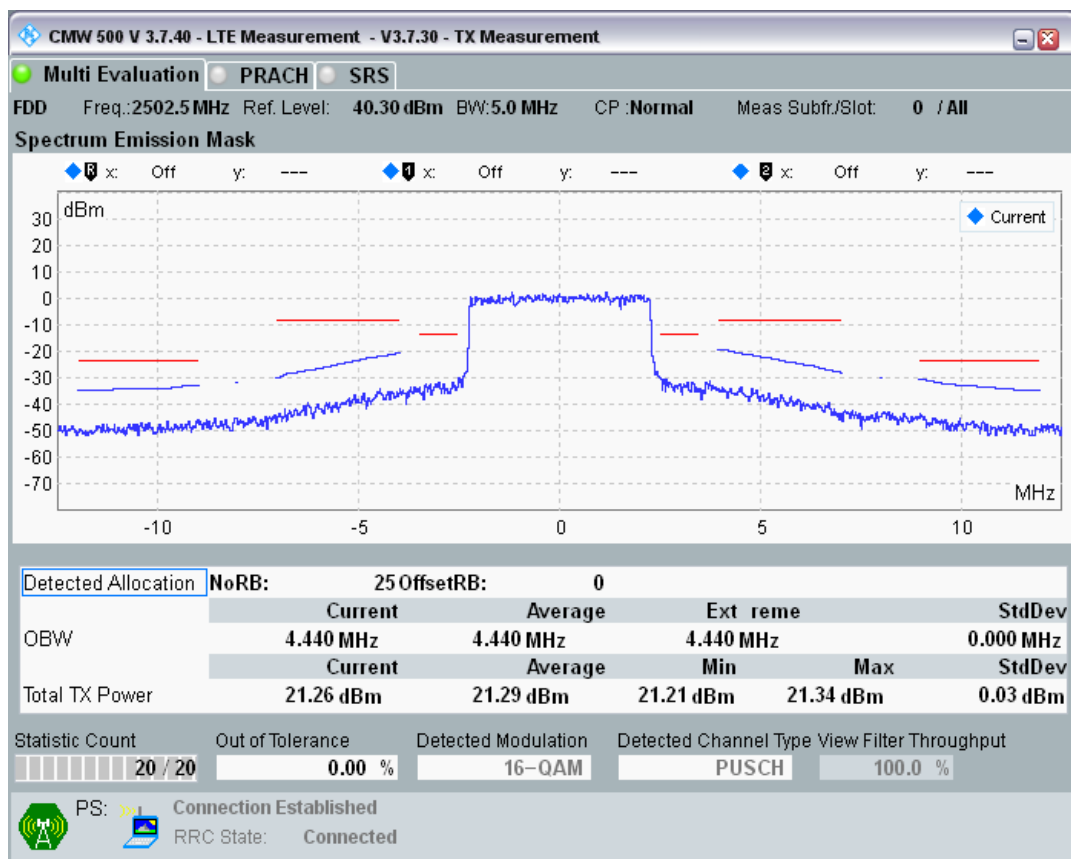




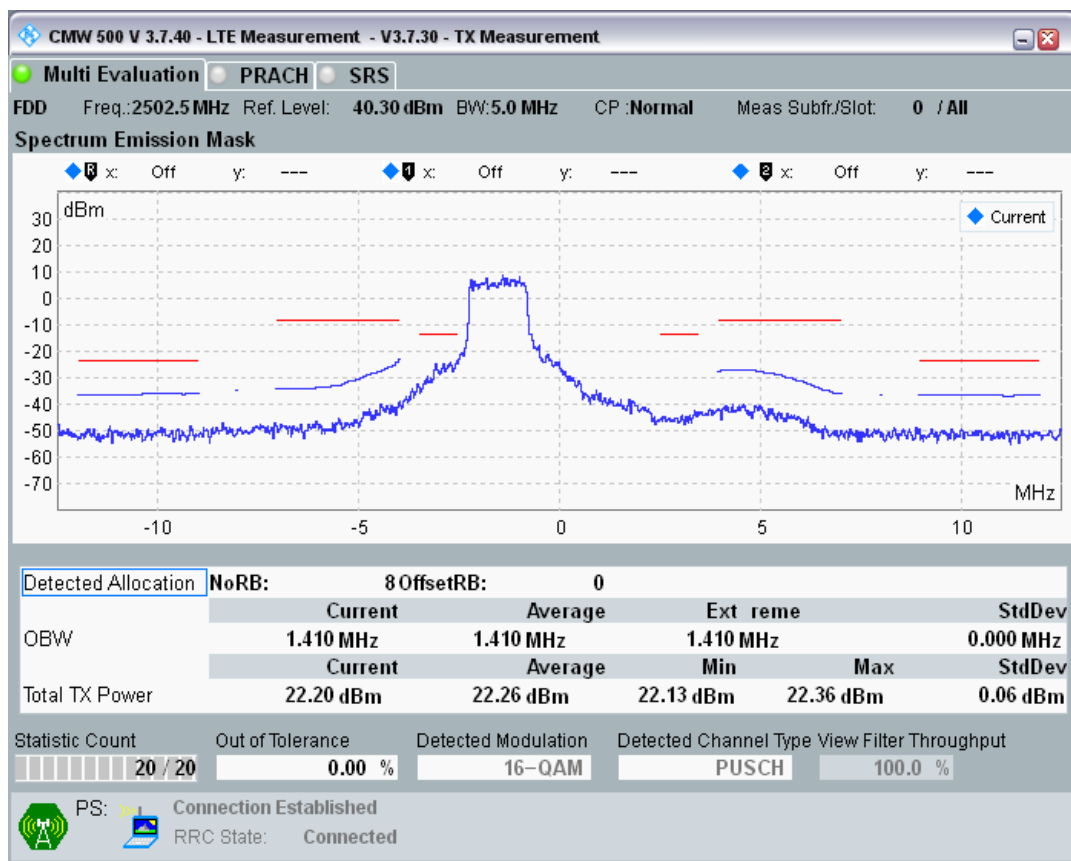
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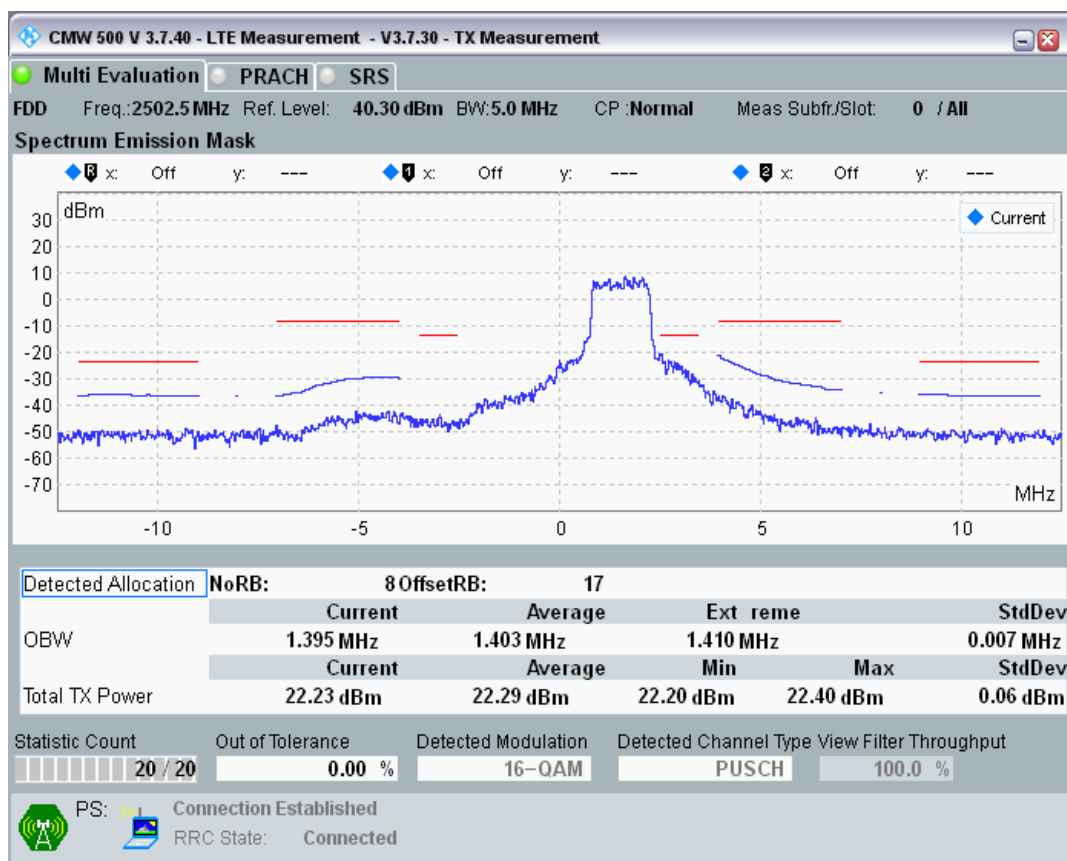
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0.png



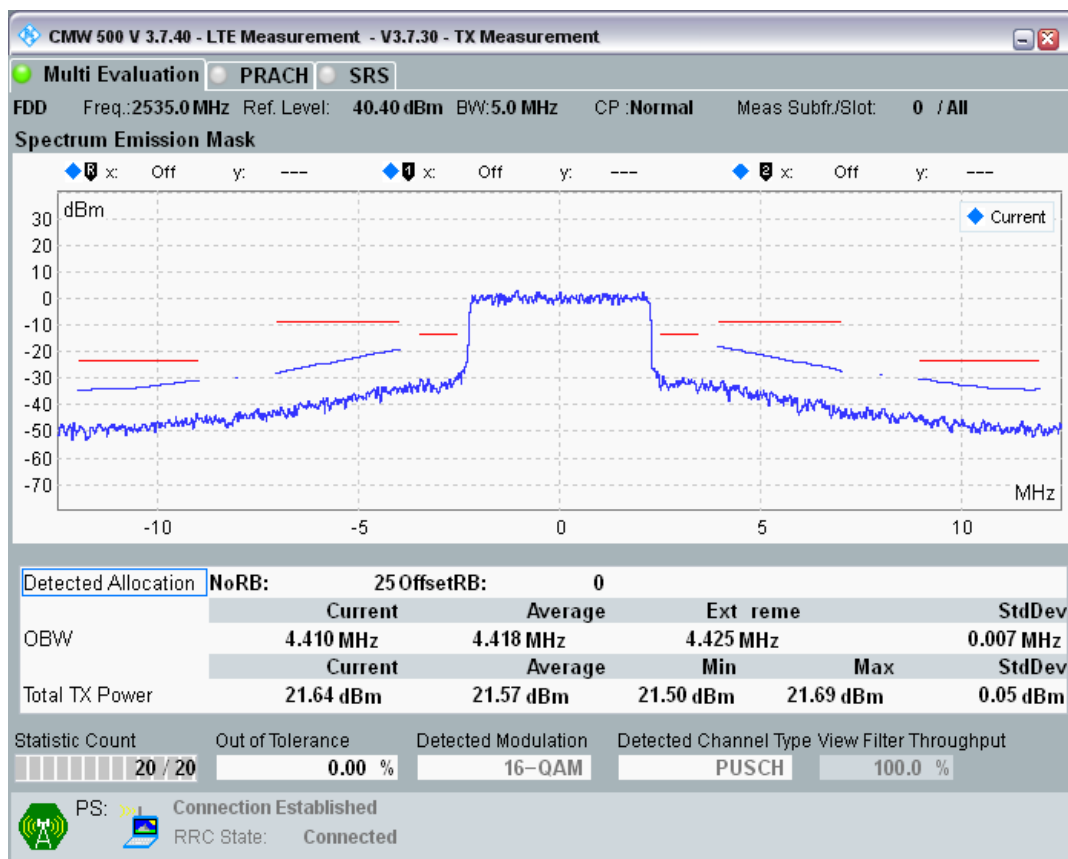
Band7 QAM16 BW=5MHz Channel=20775 RB Size=8 Position=#0.png



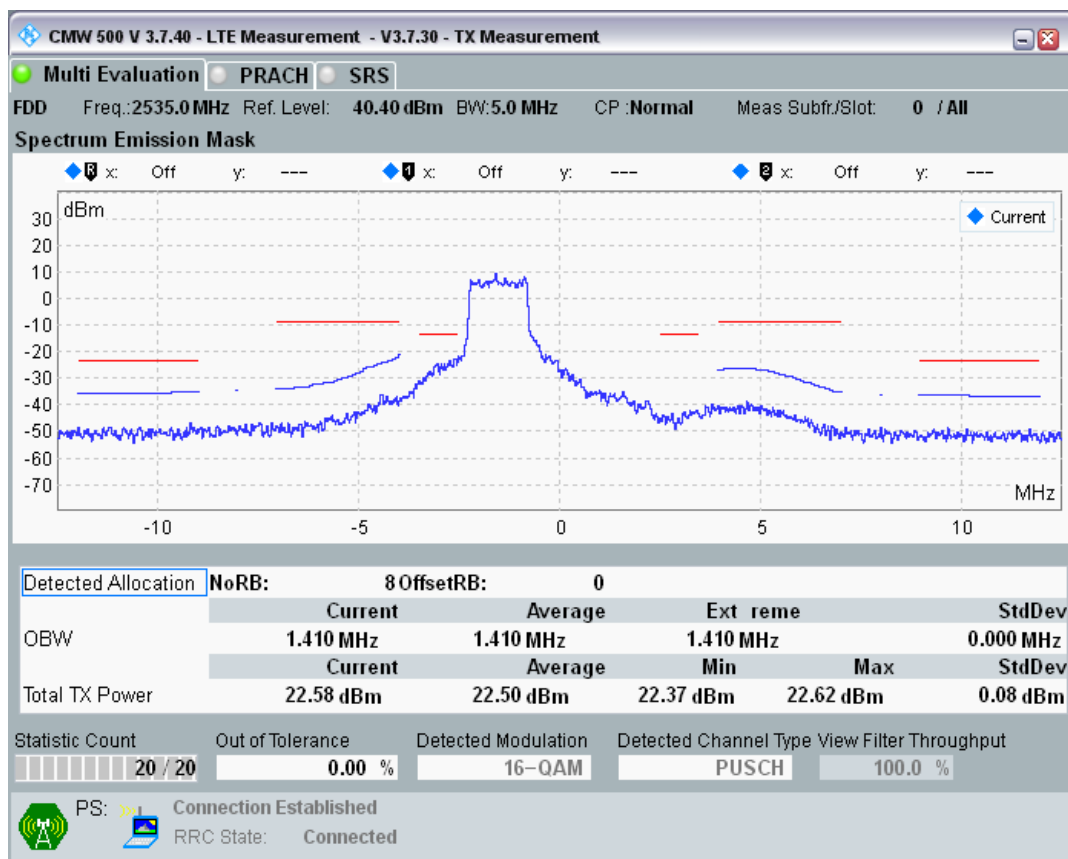
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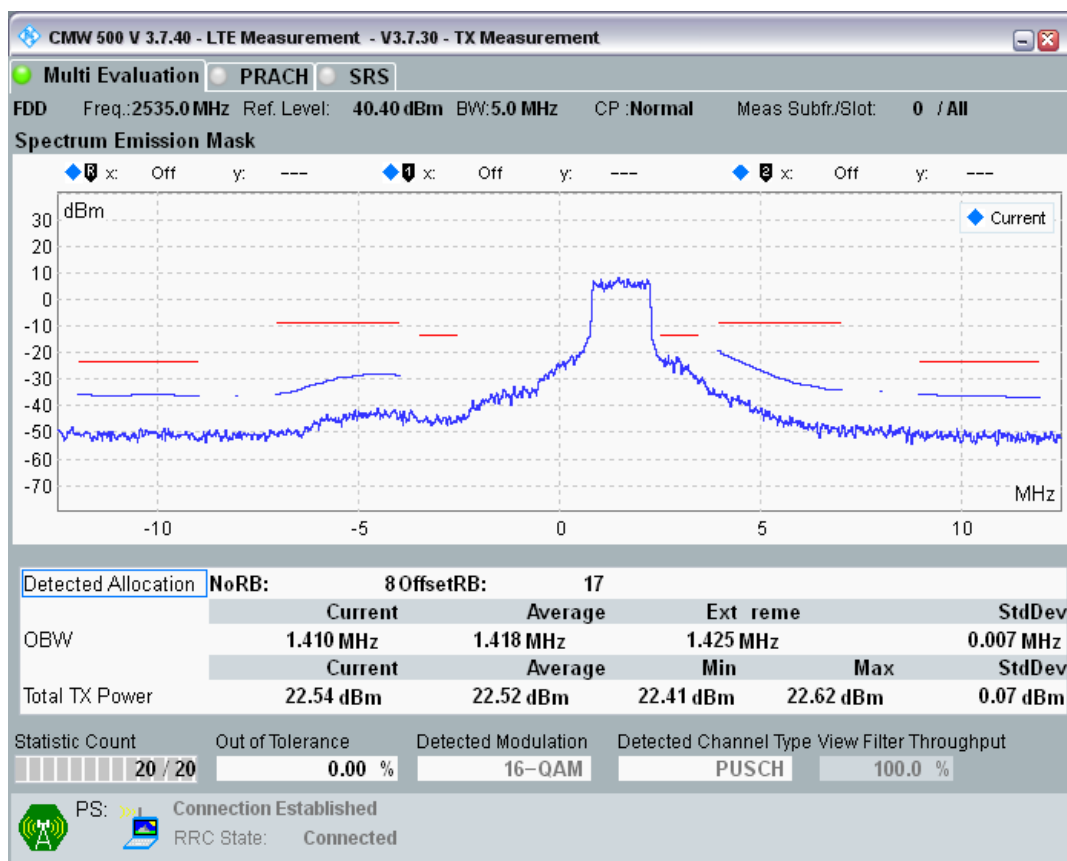
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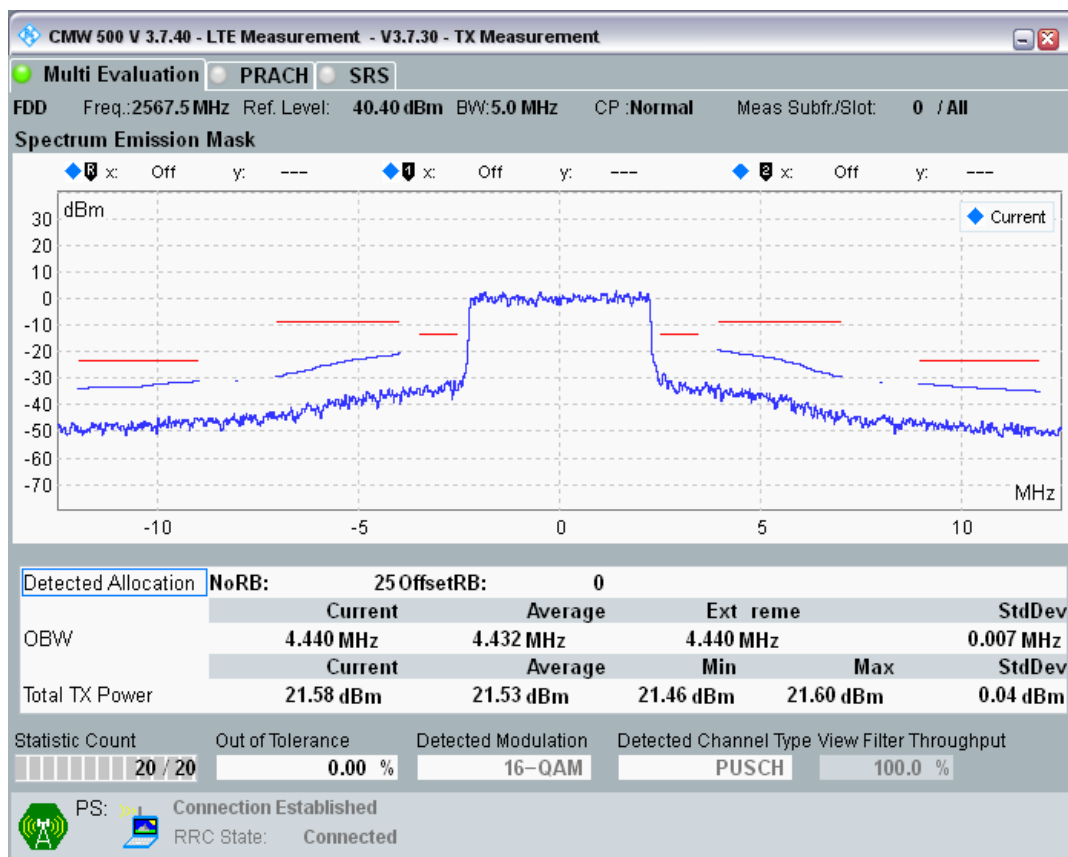
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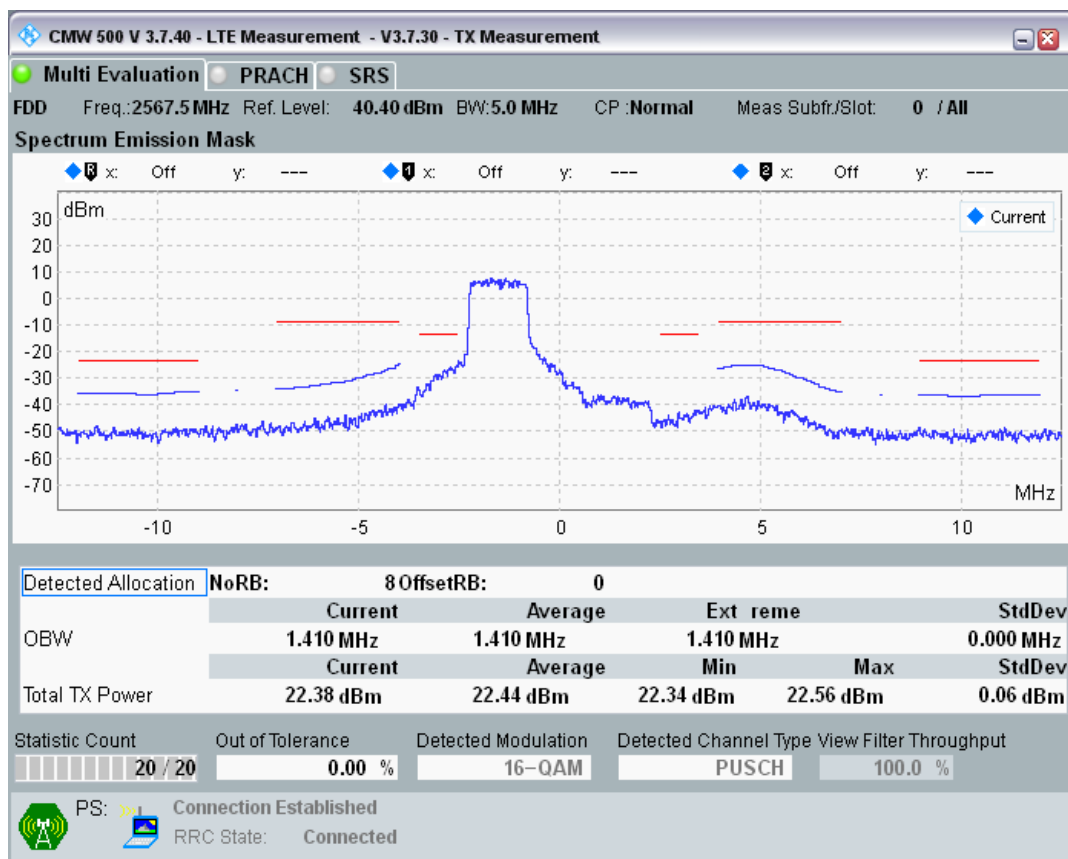
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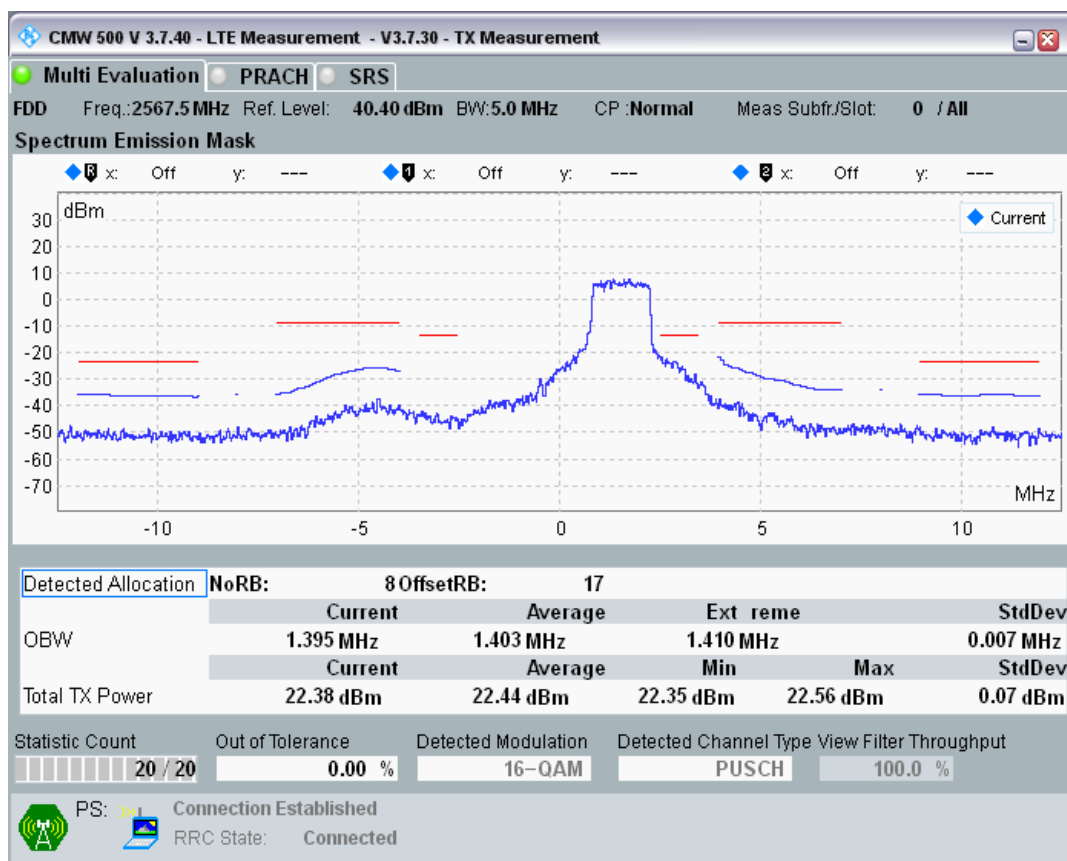
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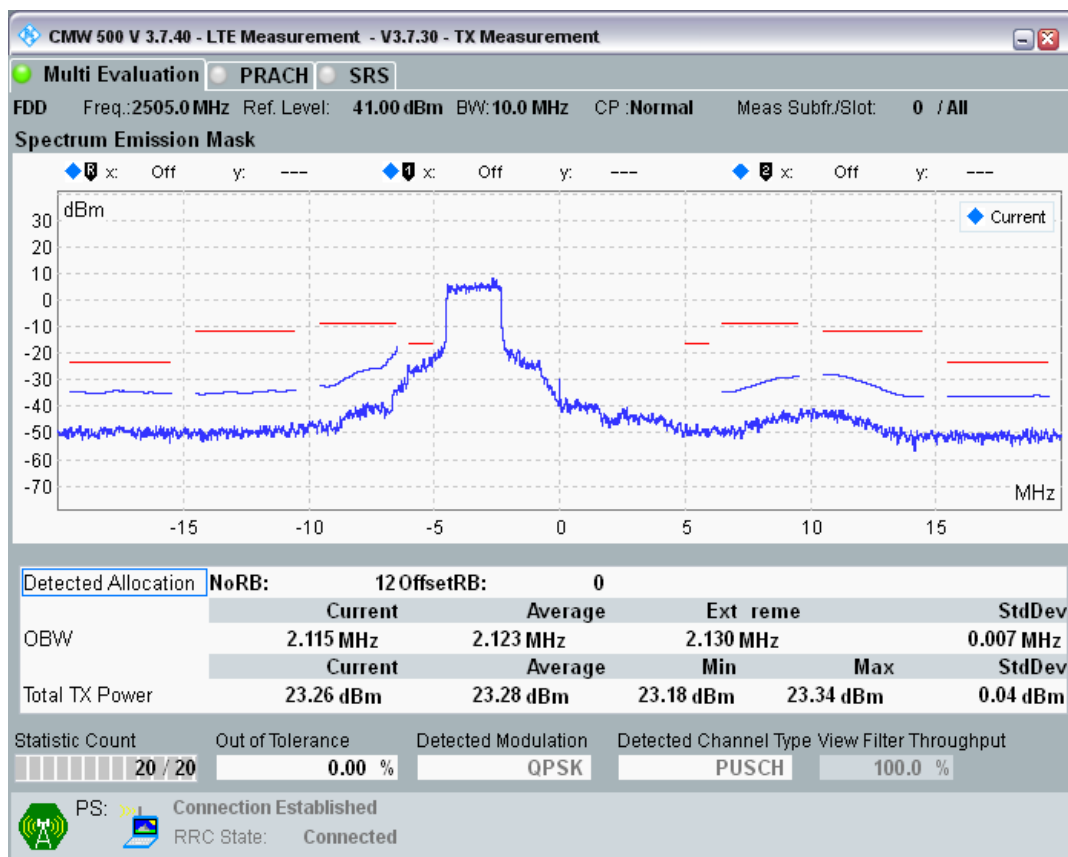


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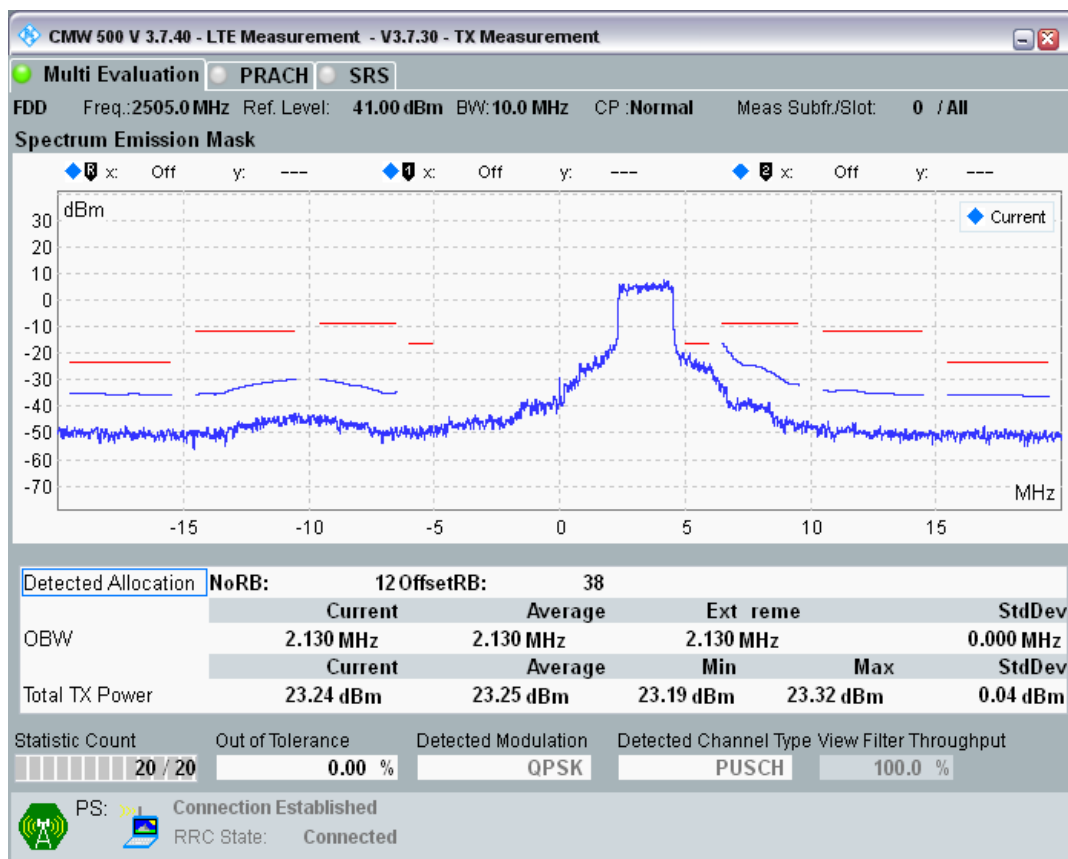


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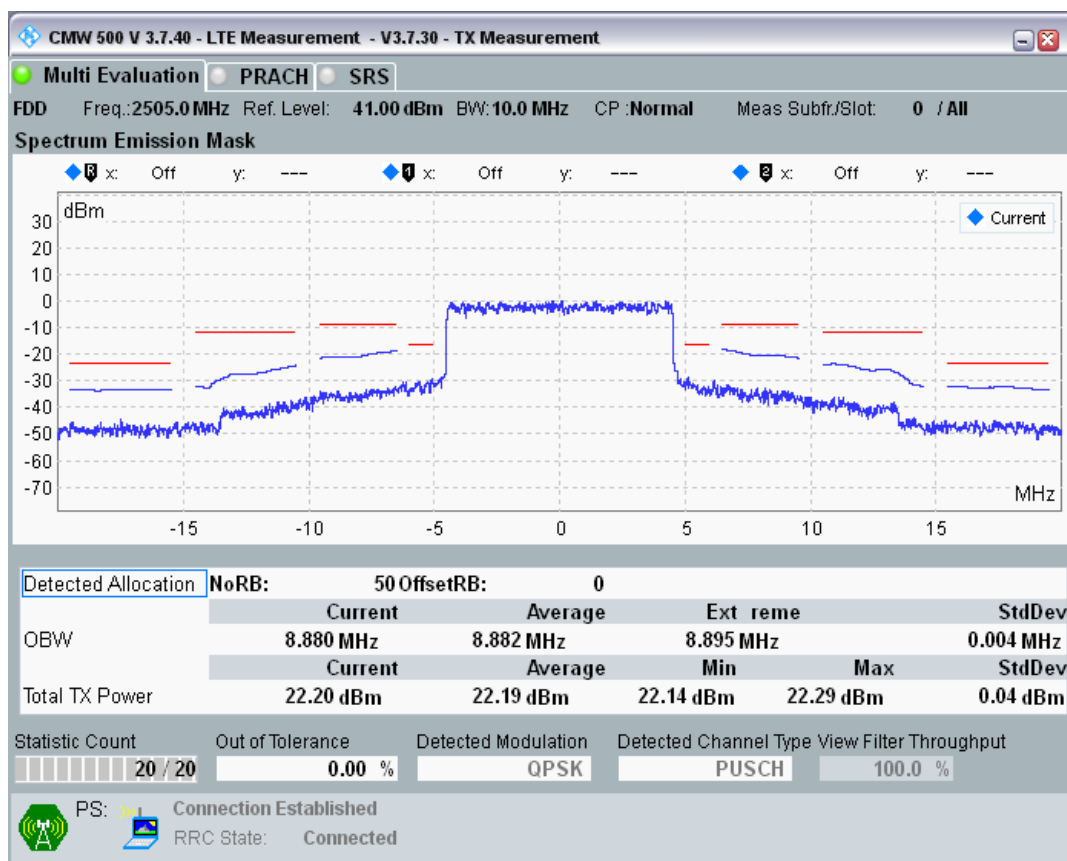




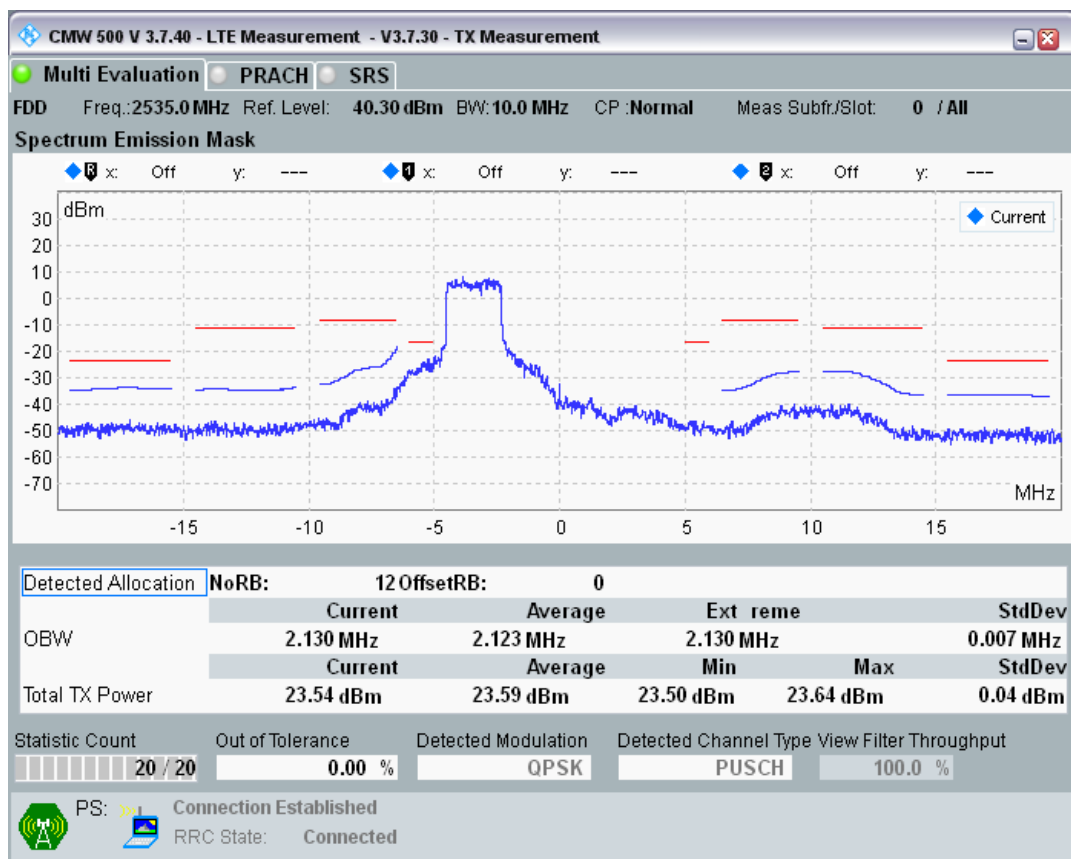
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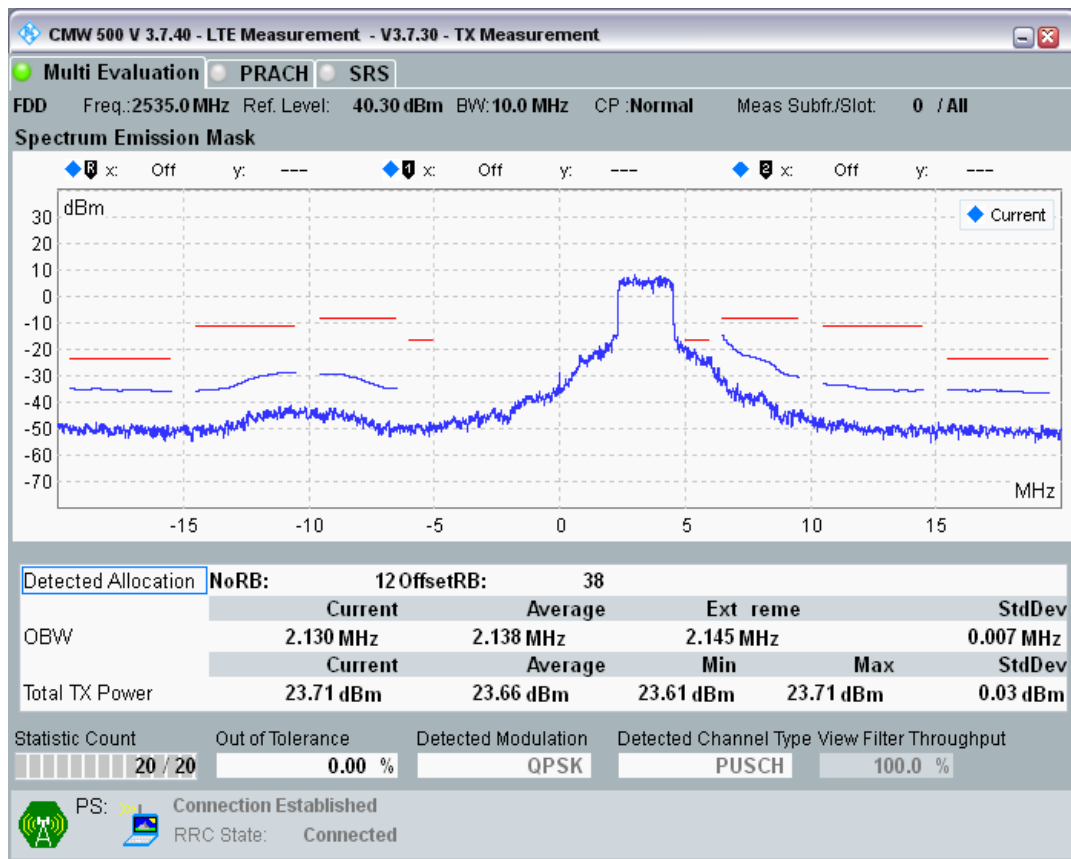
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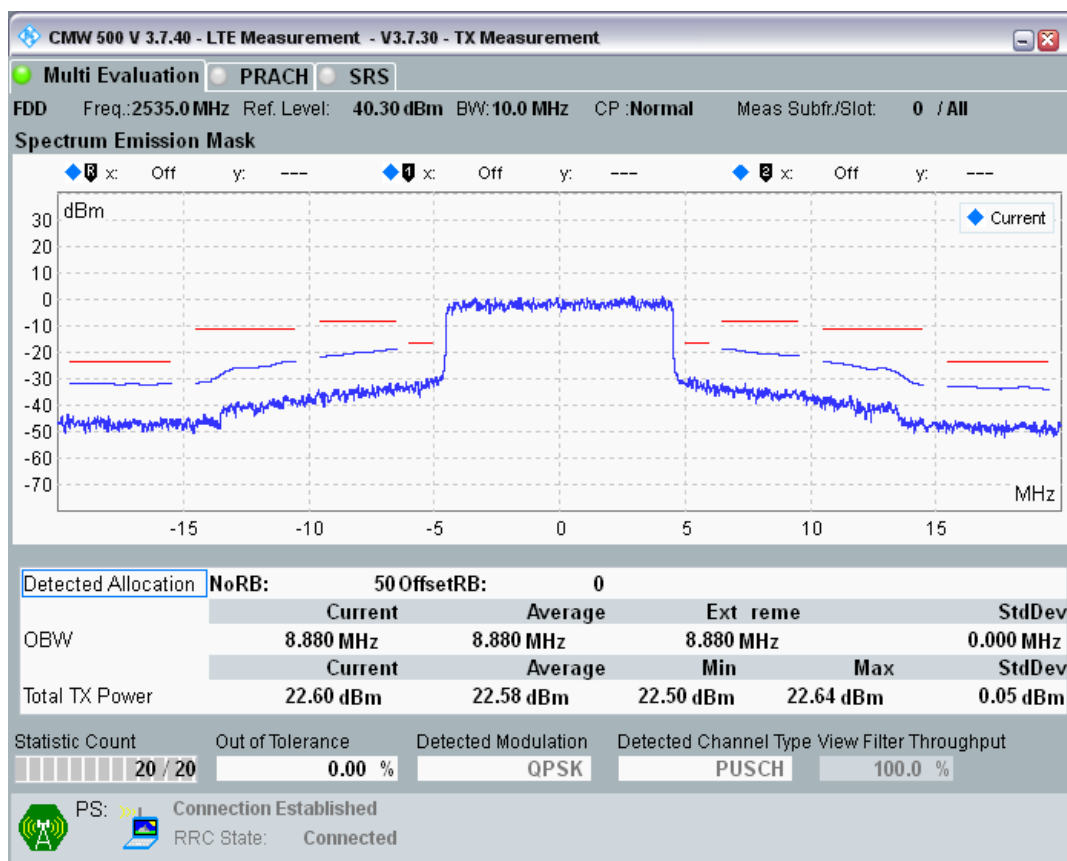
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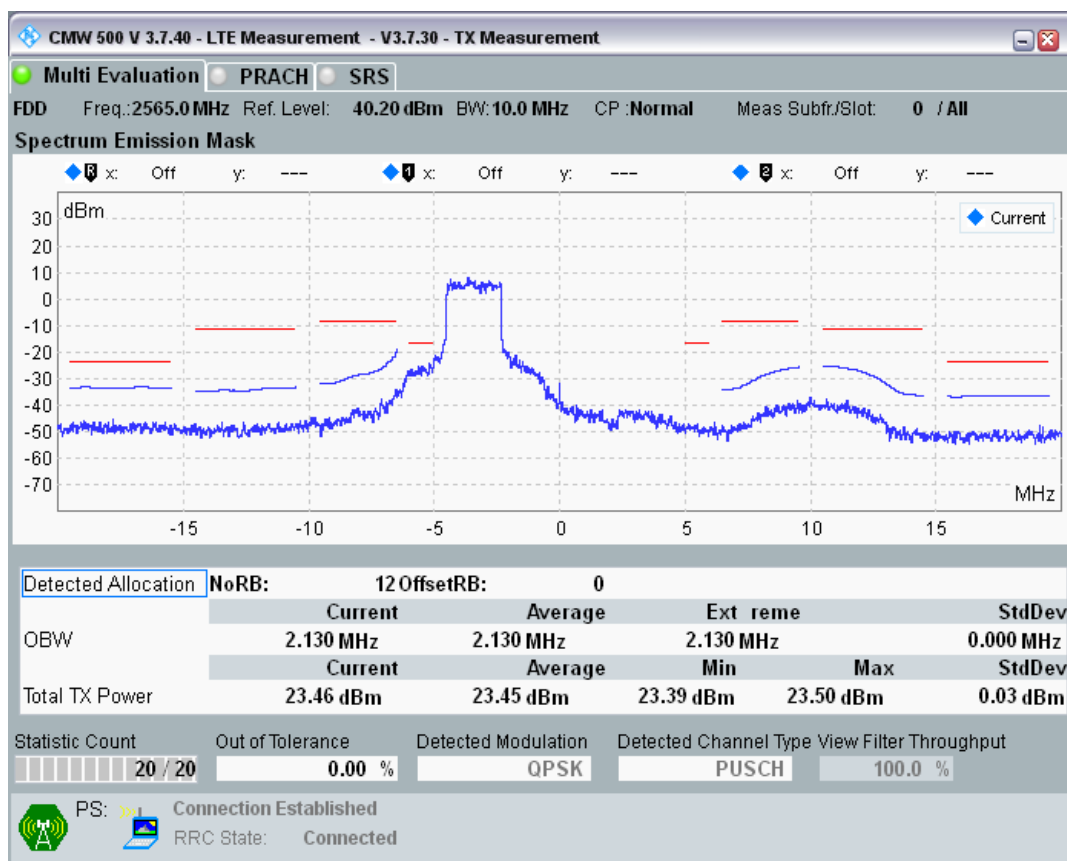
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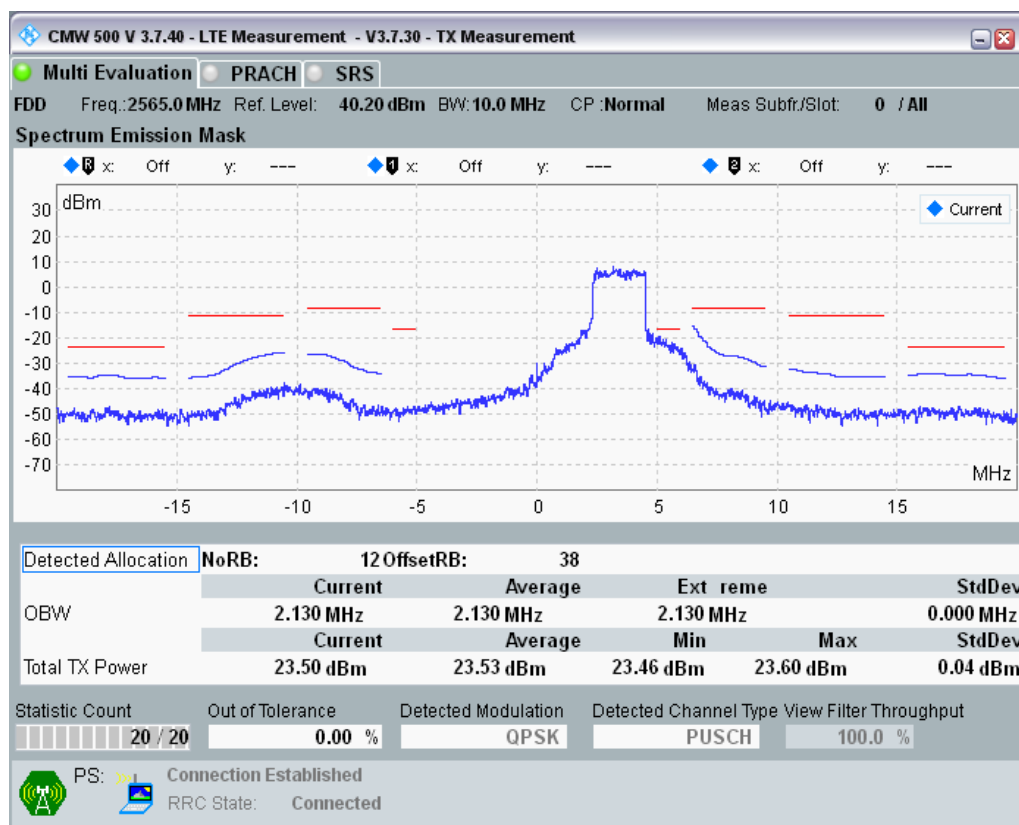
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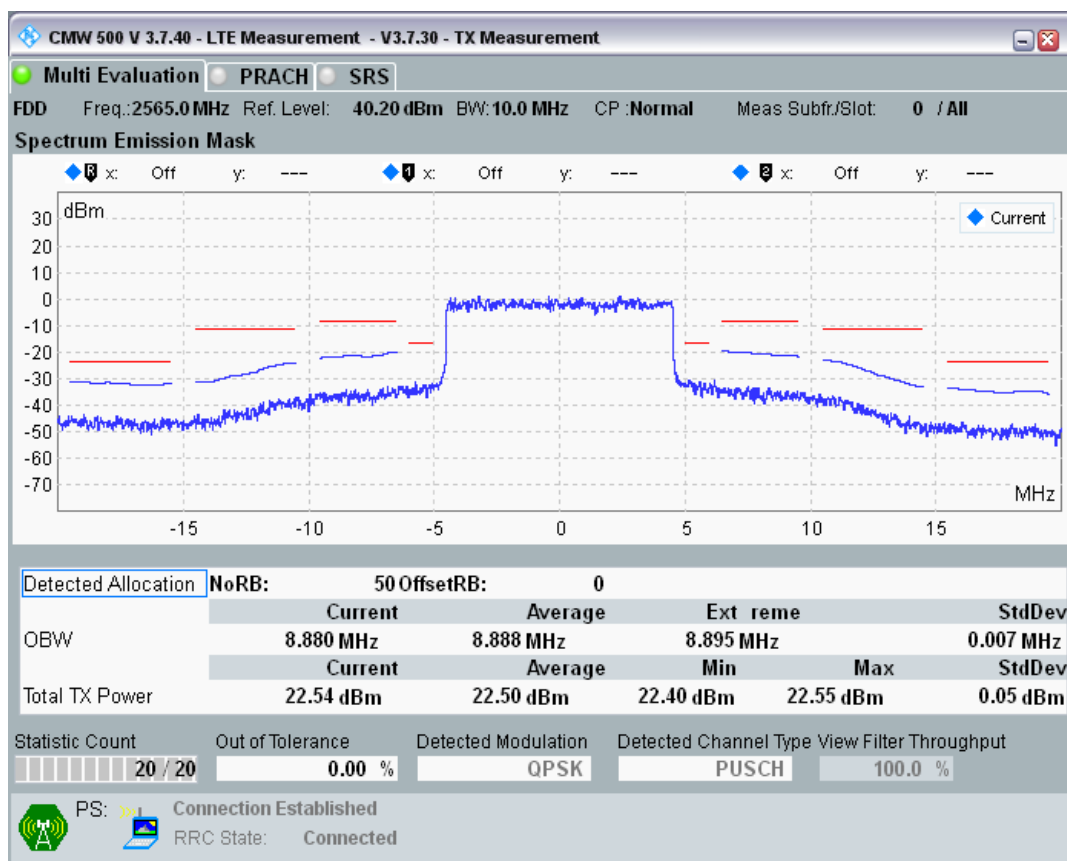
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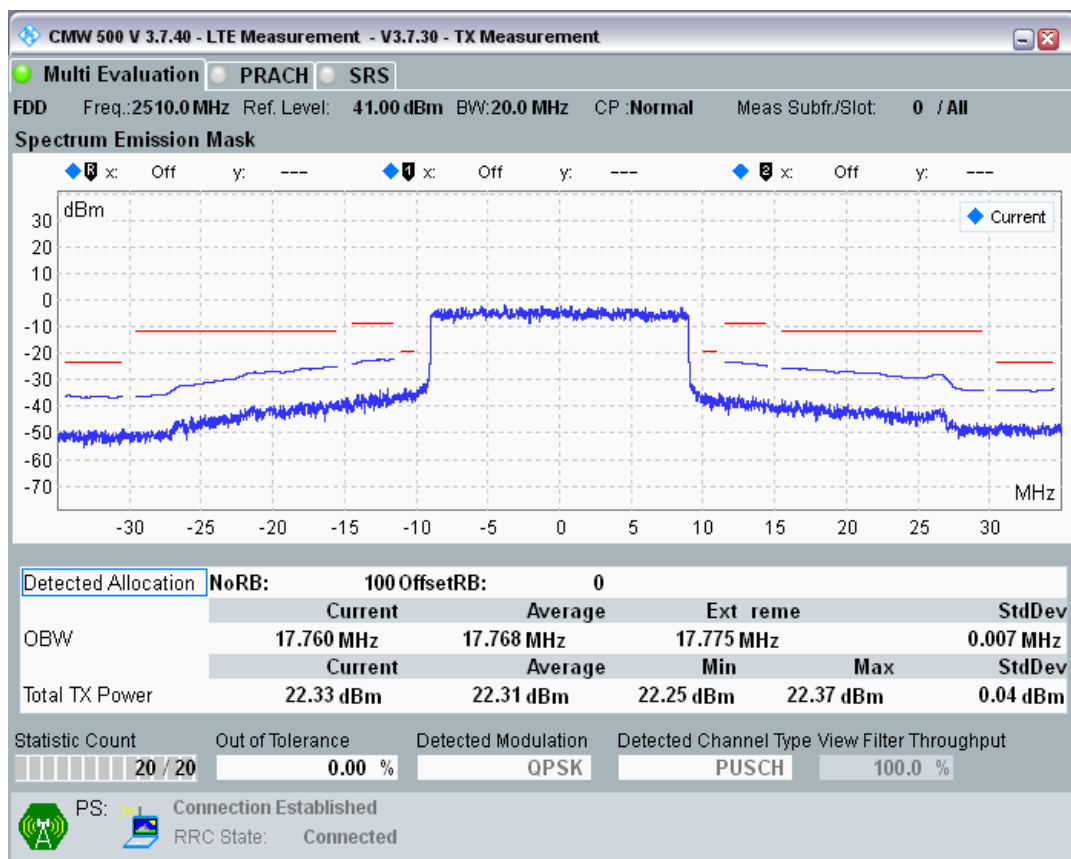
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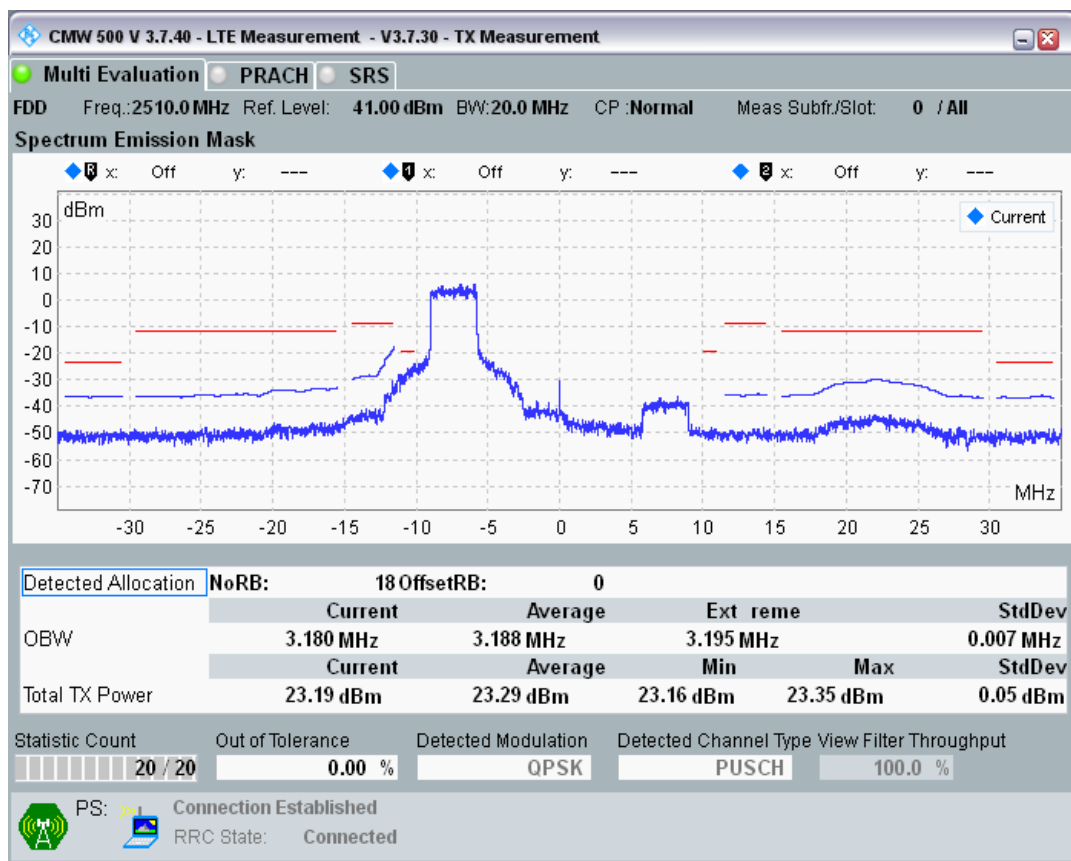
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Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0.png

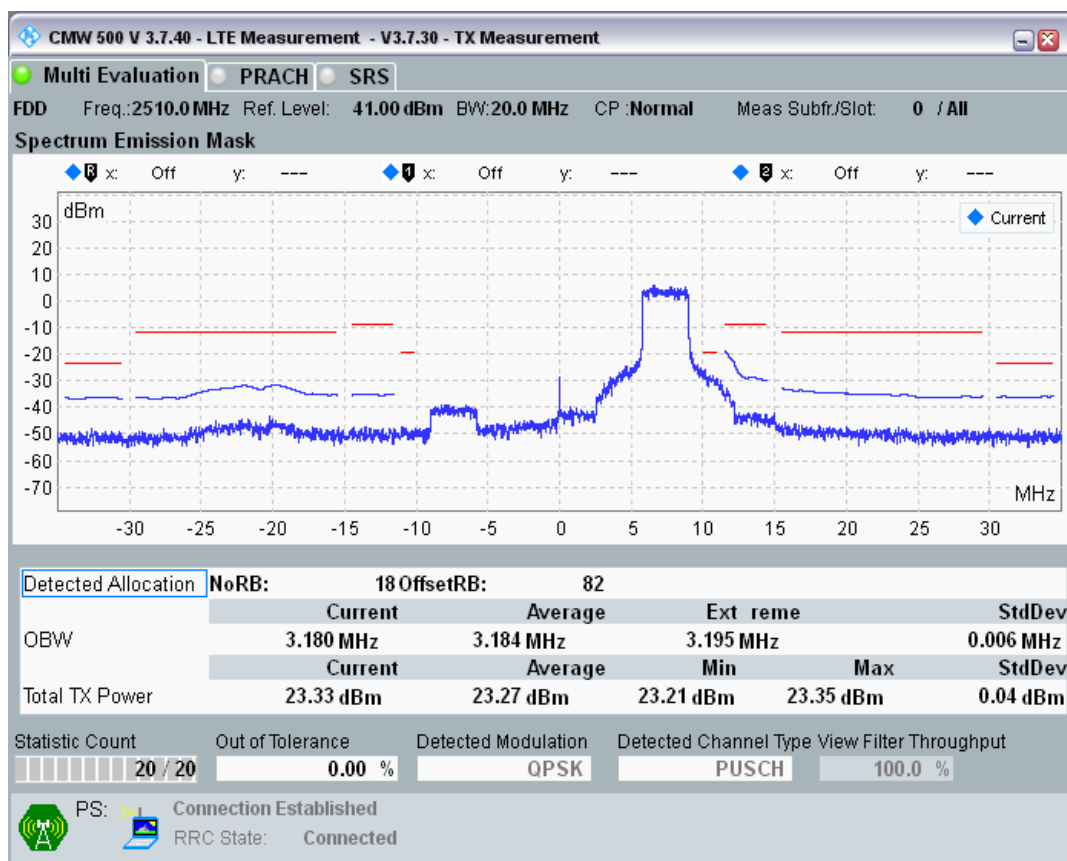


Band7 QPSK BW=20MHz Channel=20850 RB Size=18 Position=#0.png

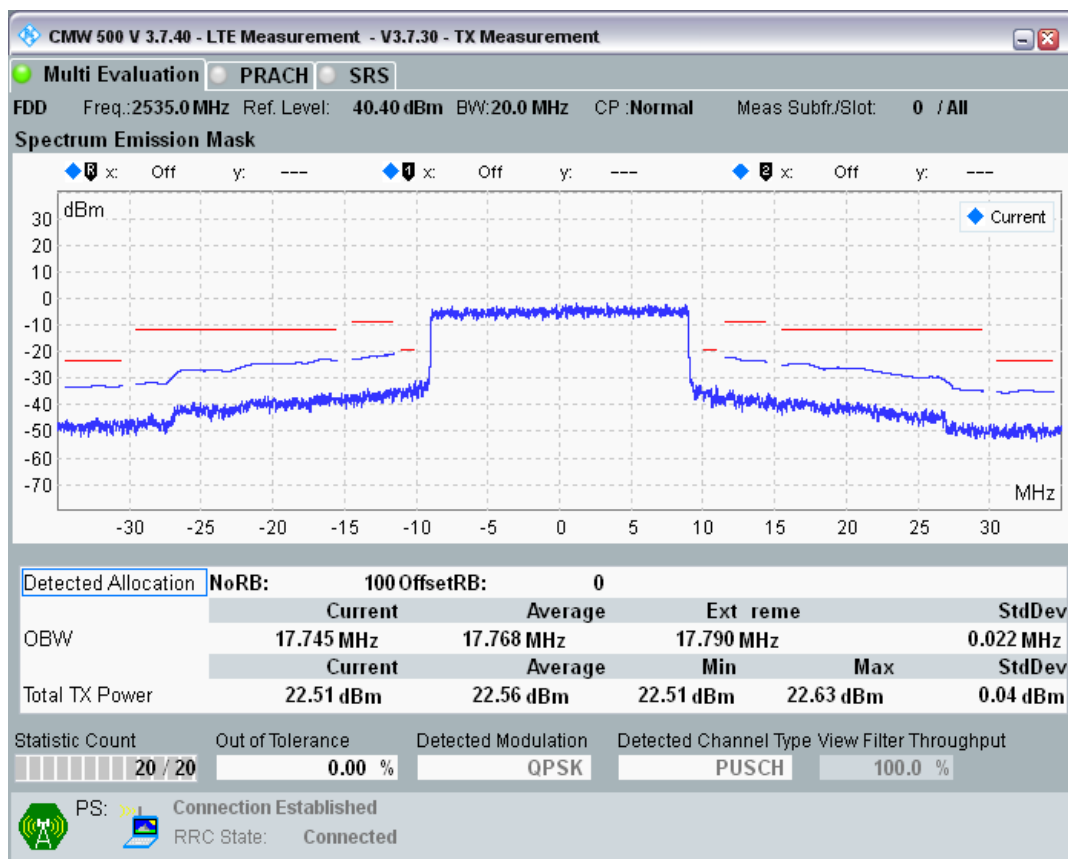




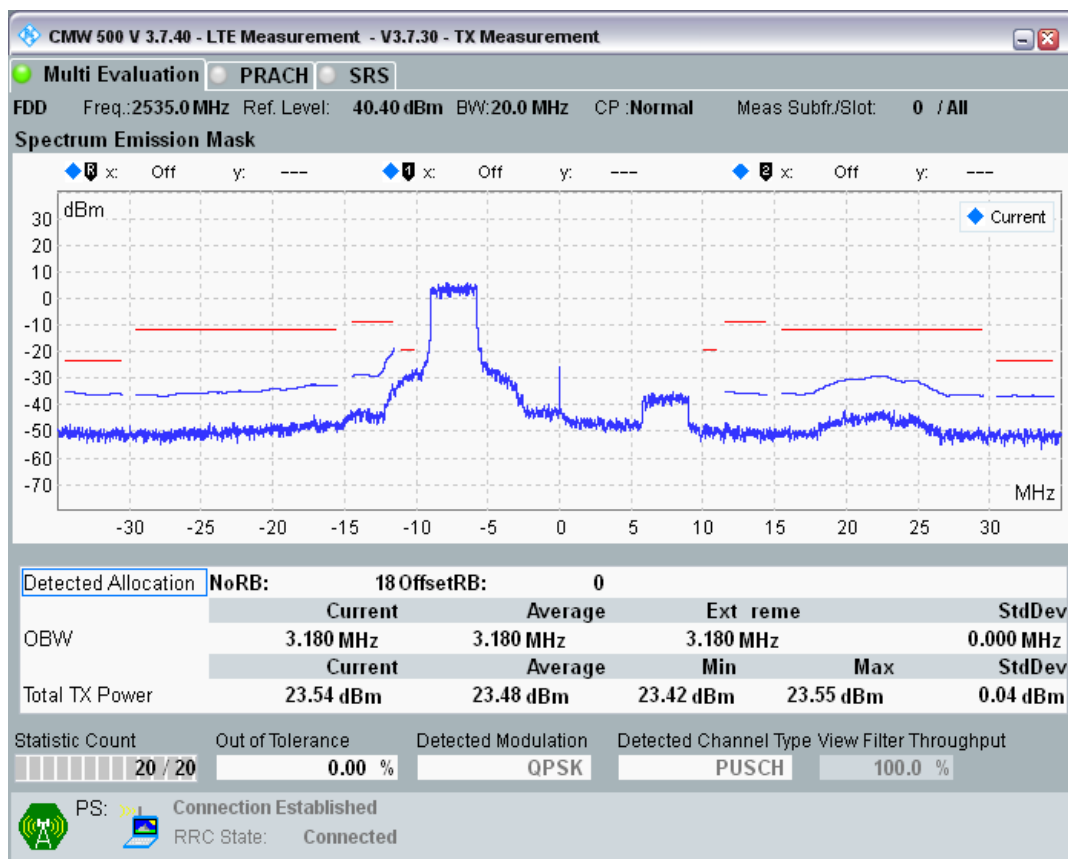
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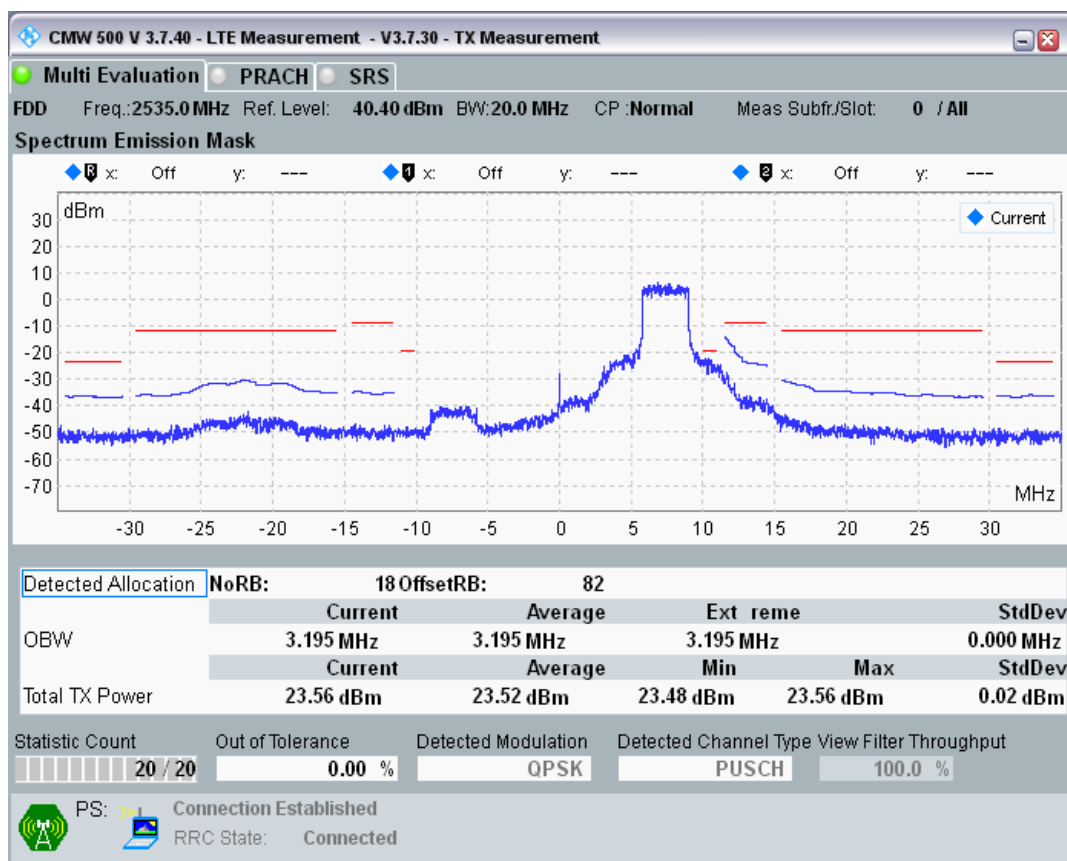
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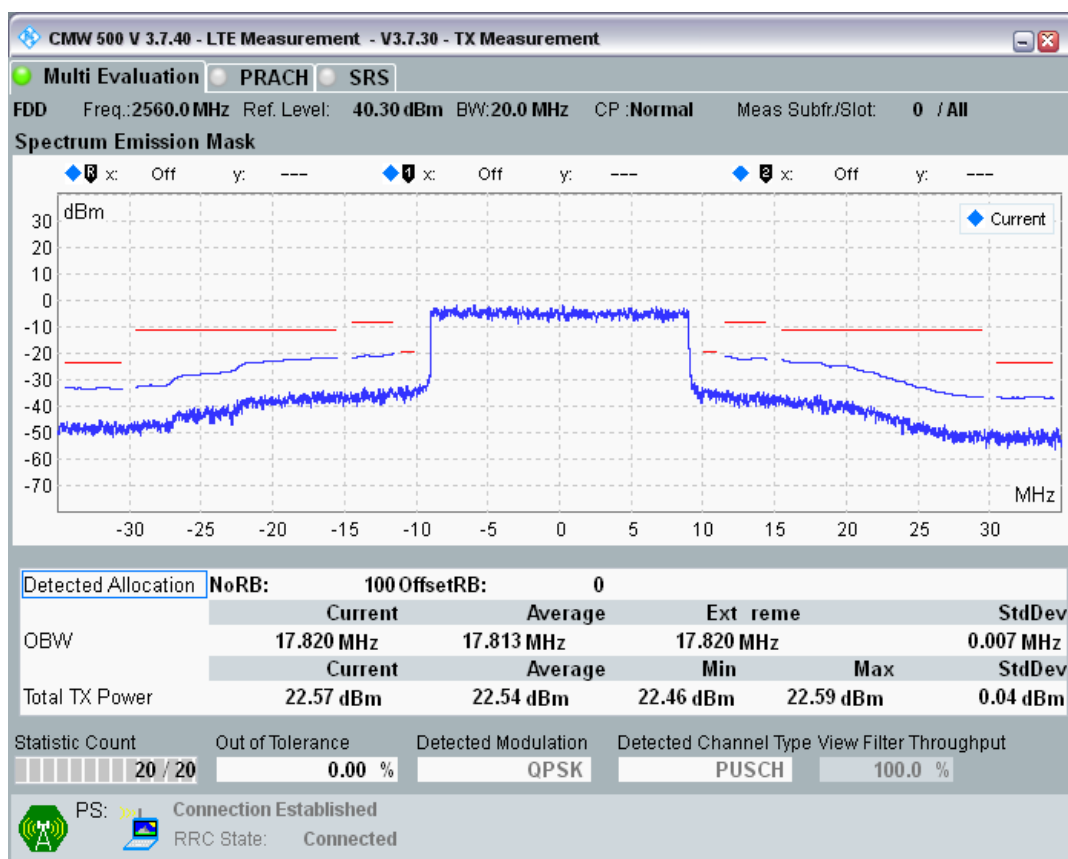
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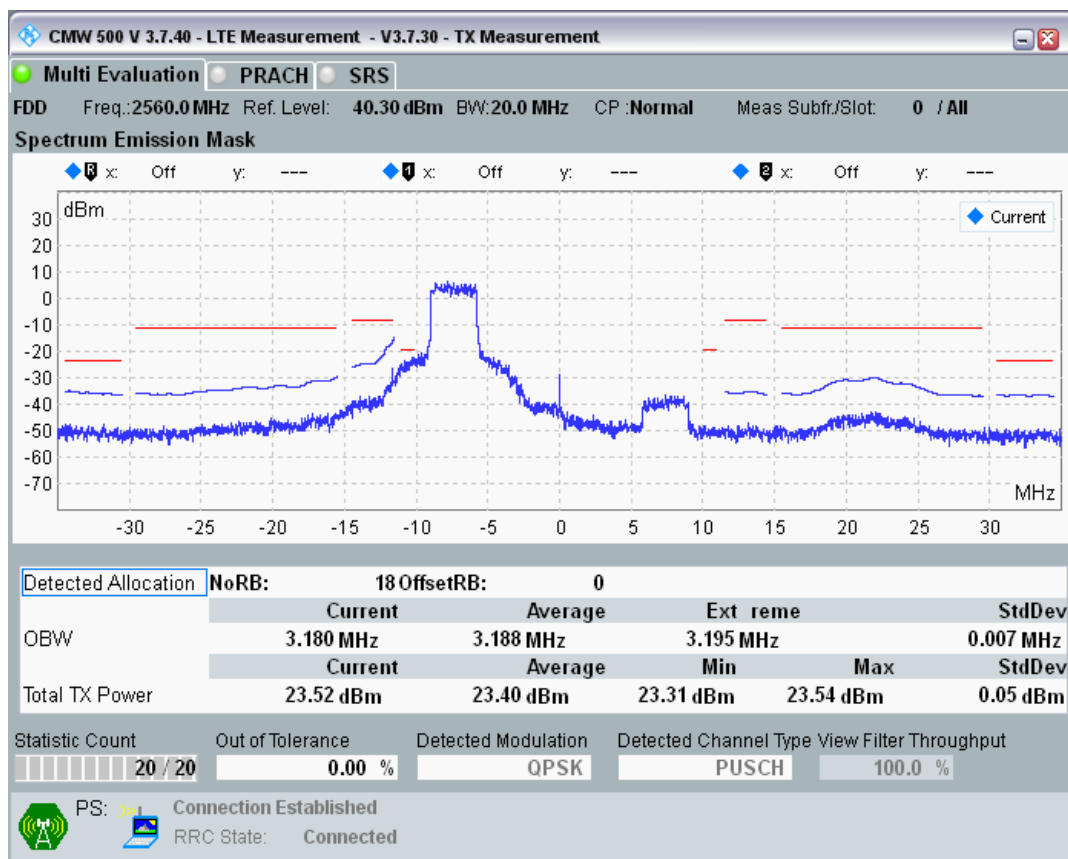
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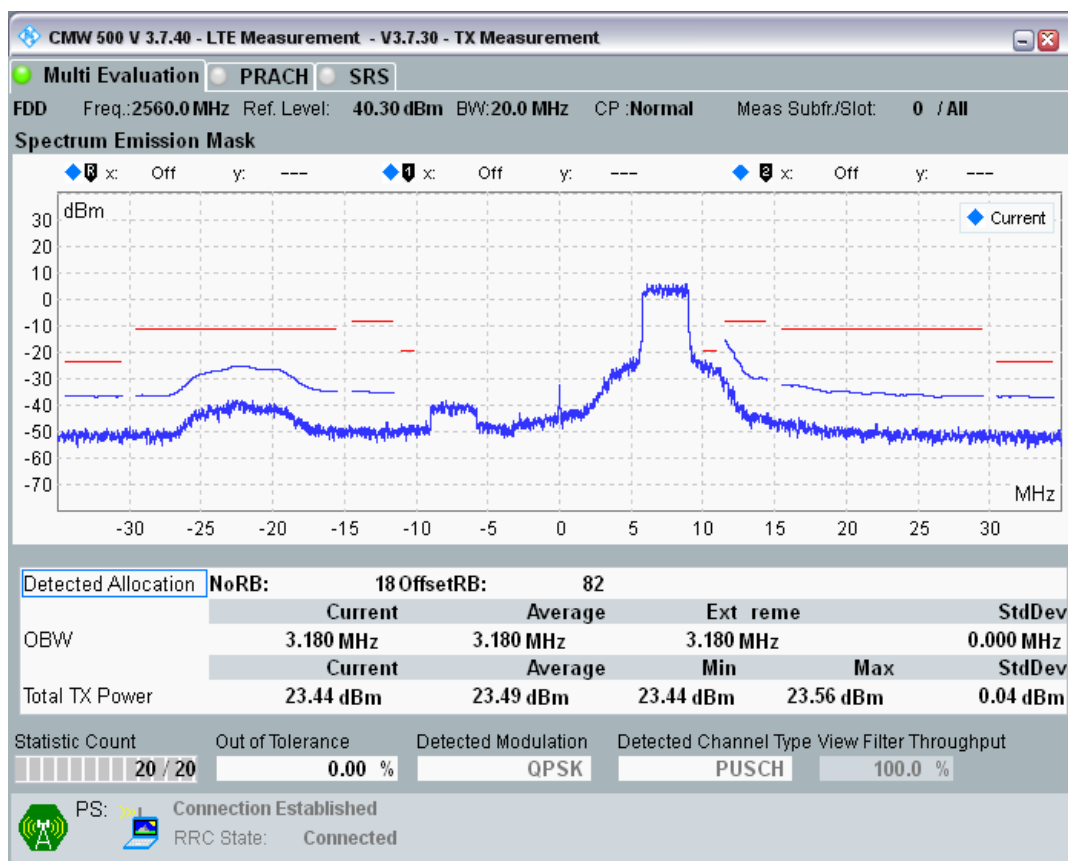
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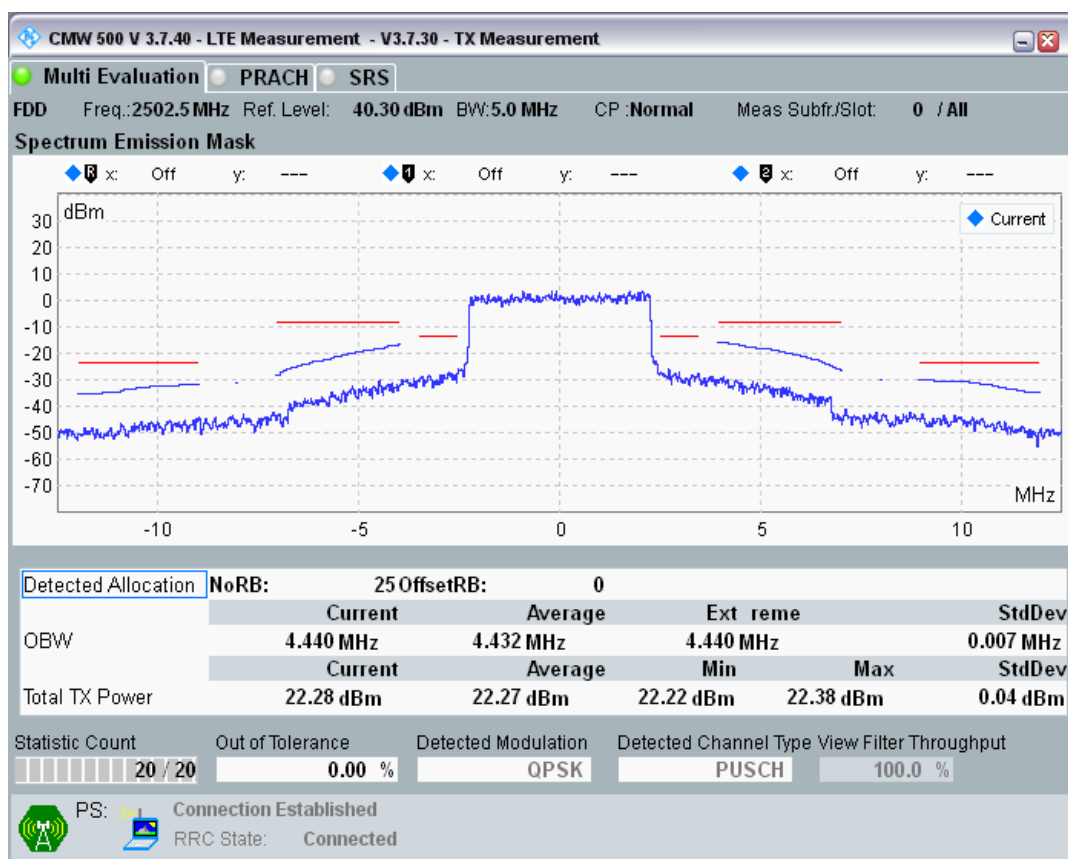
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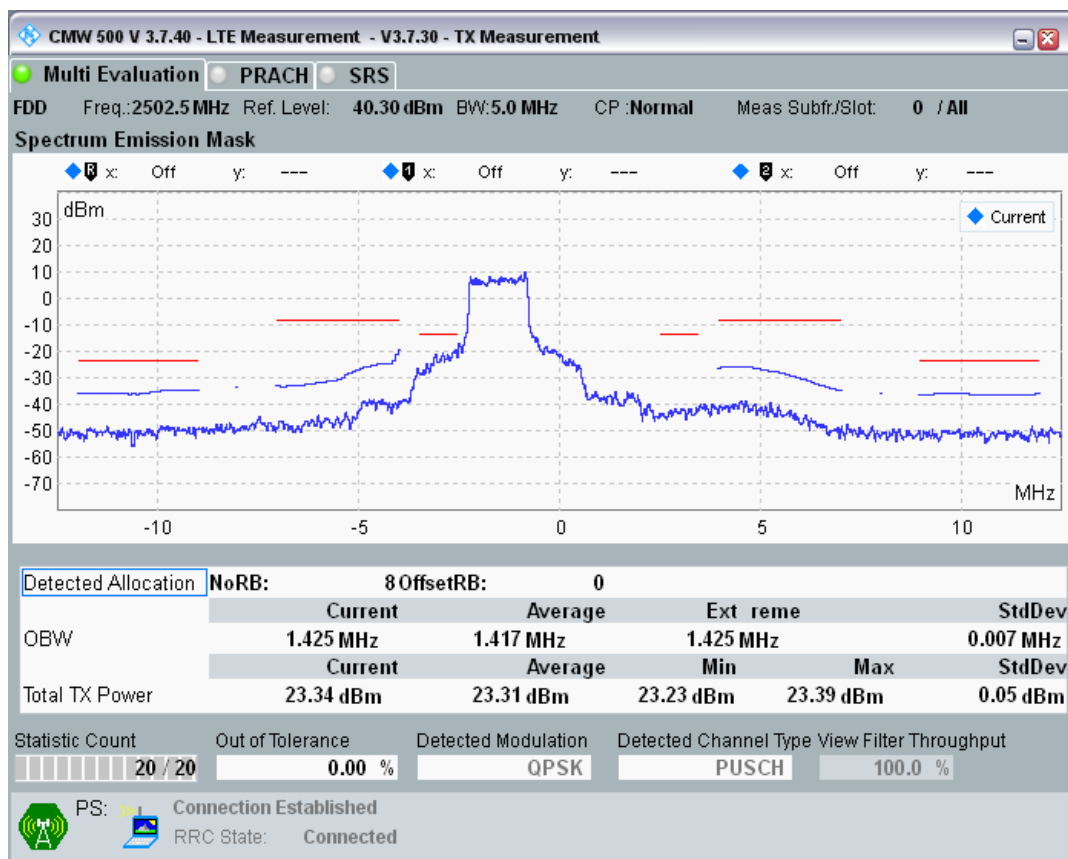
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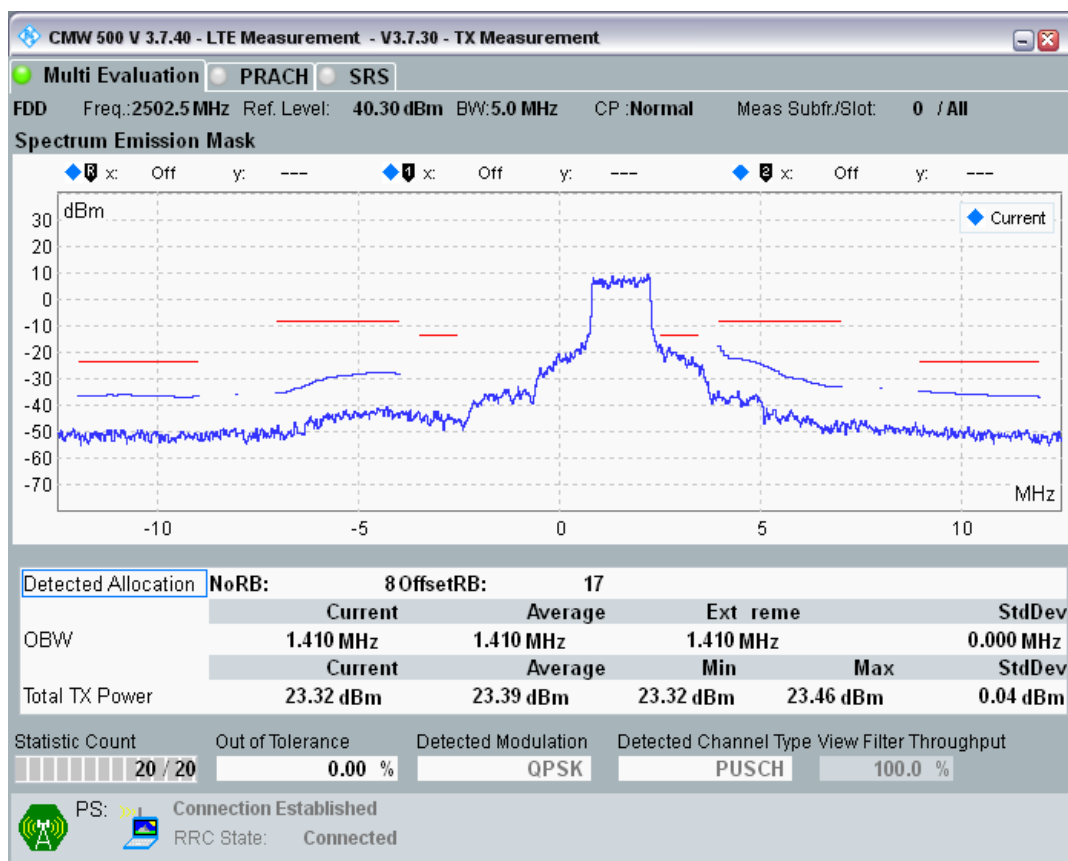
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



Band7 QPSK BW=5MHz Channel=20775 RB Size=8 Position=#0.png

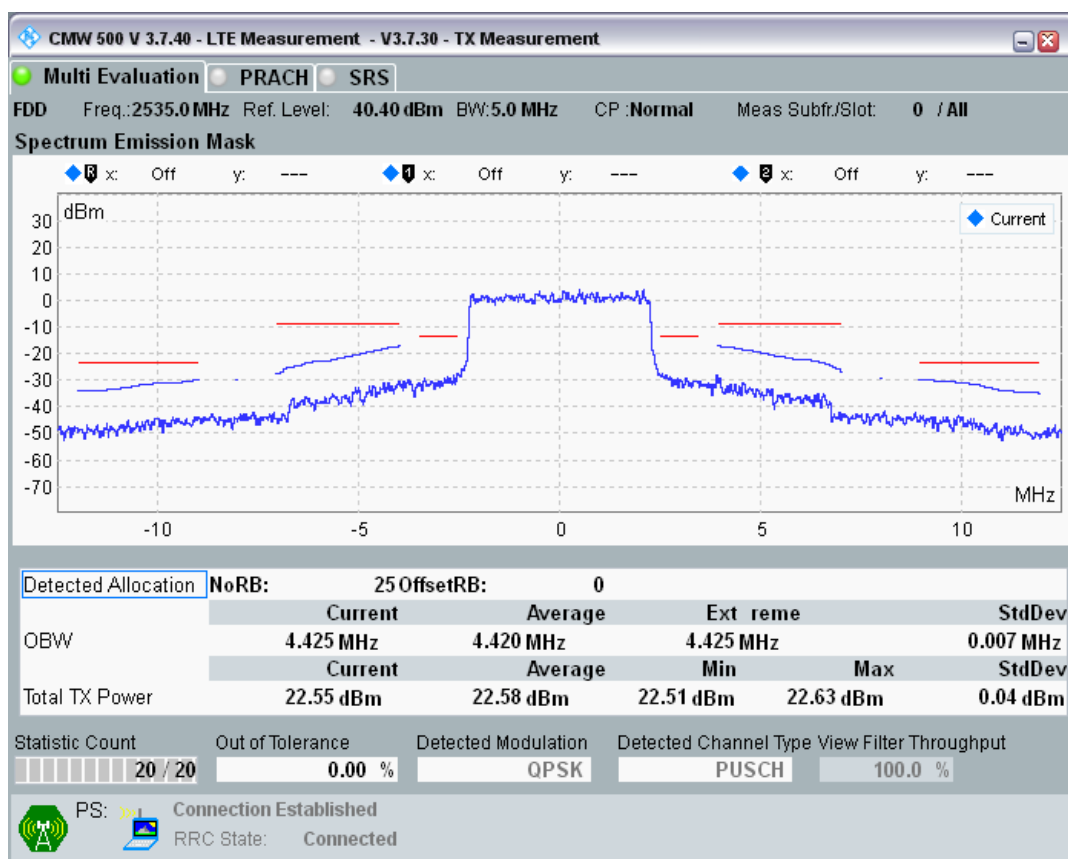


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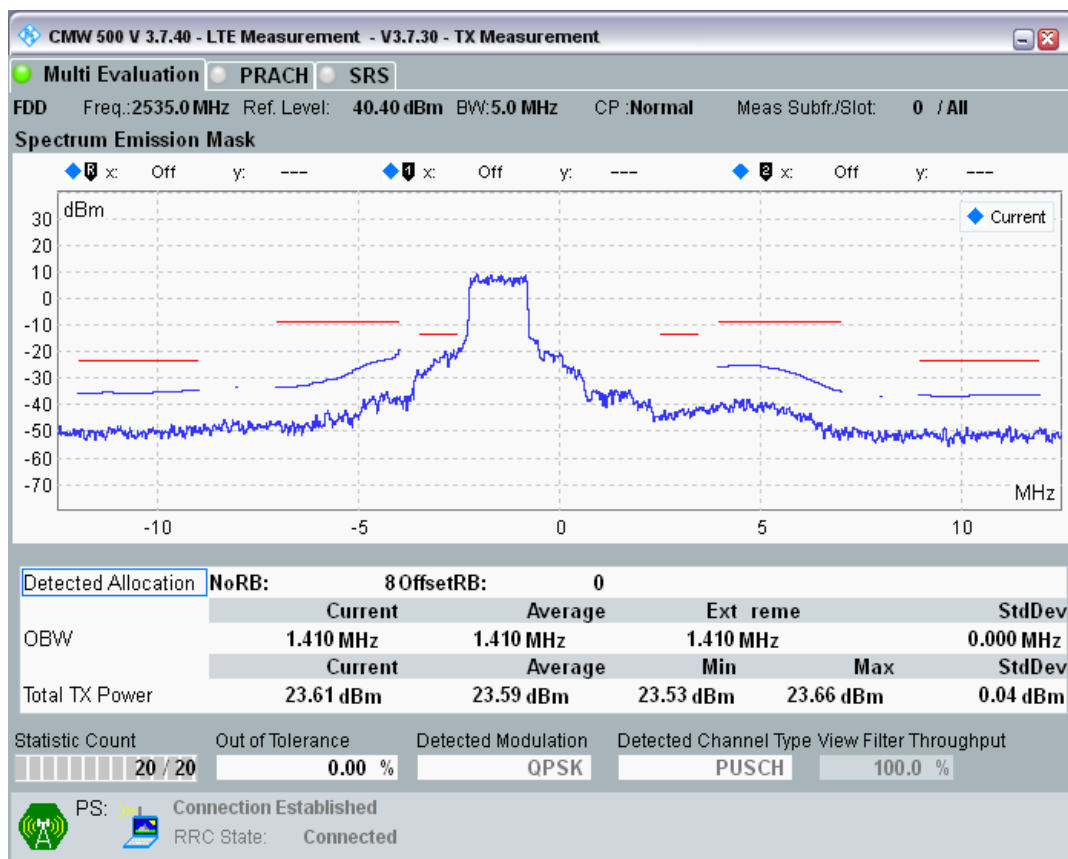


Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0.png

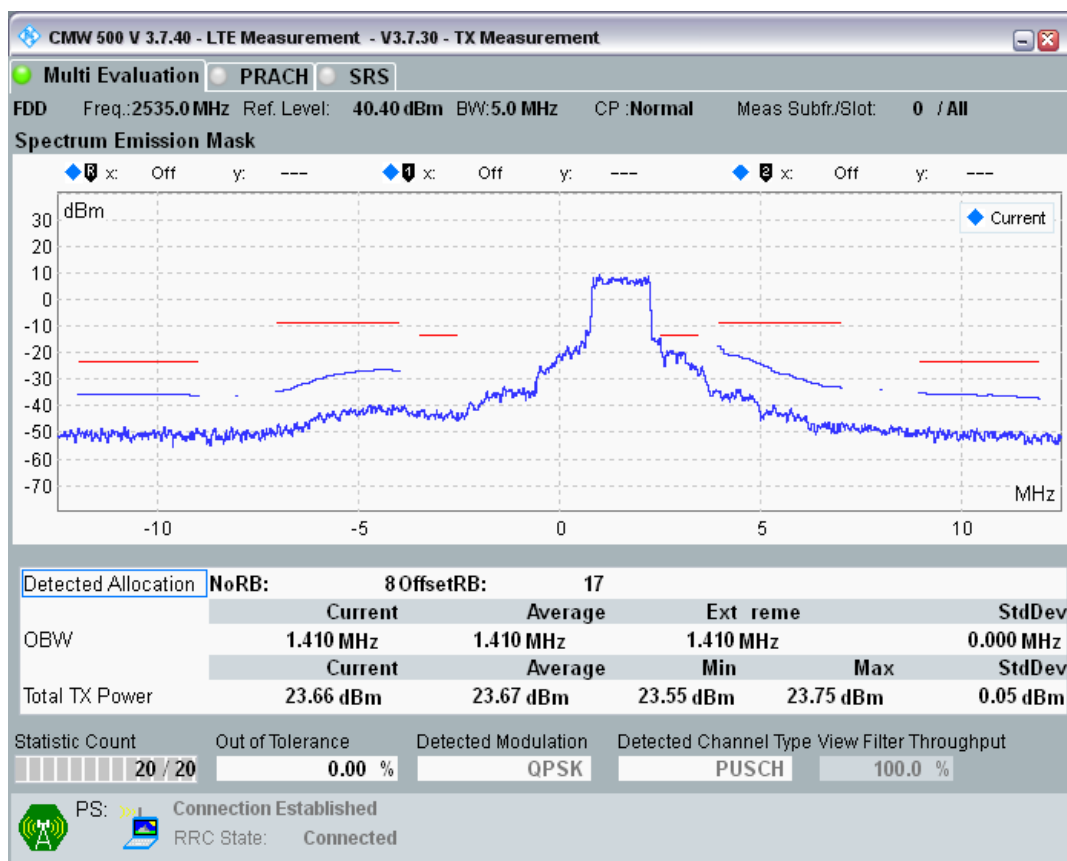




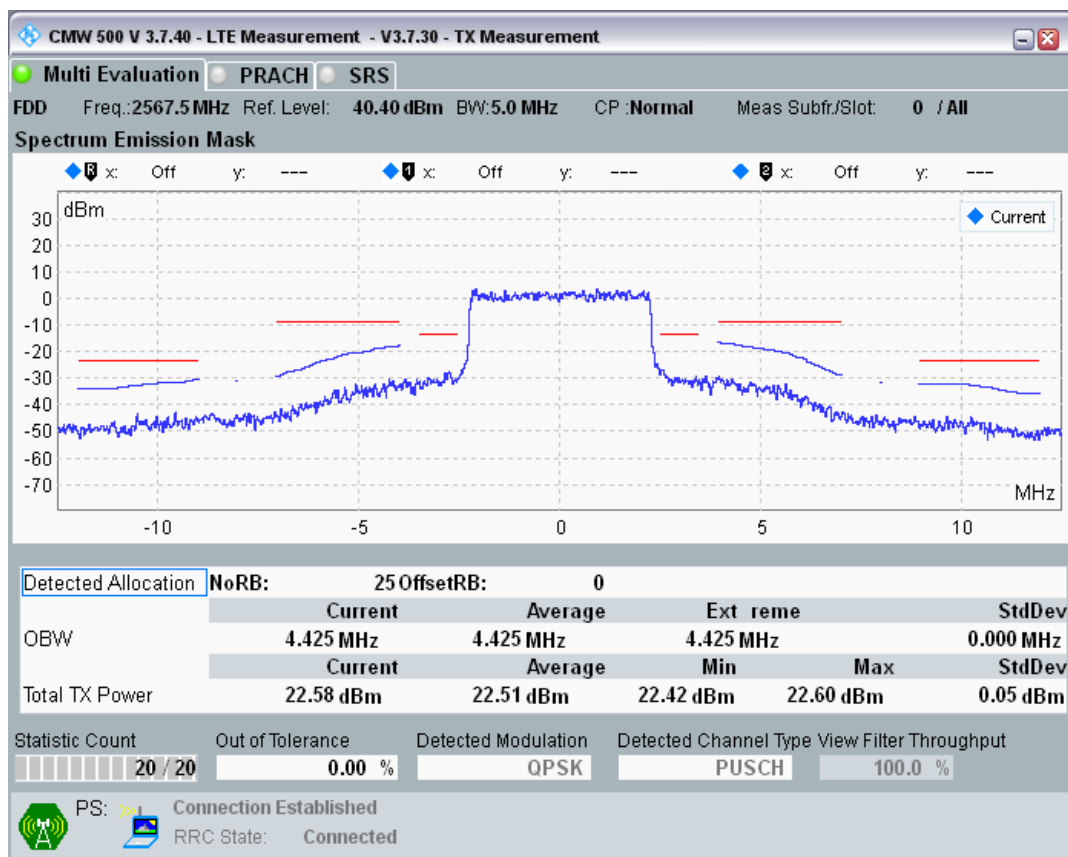
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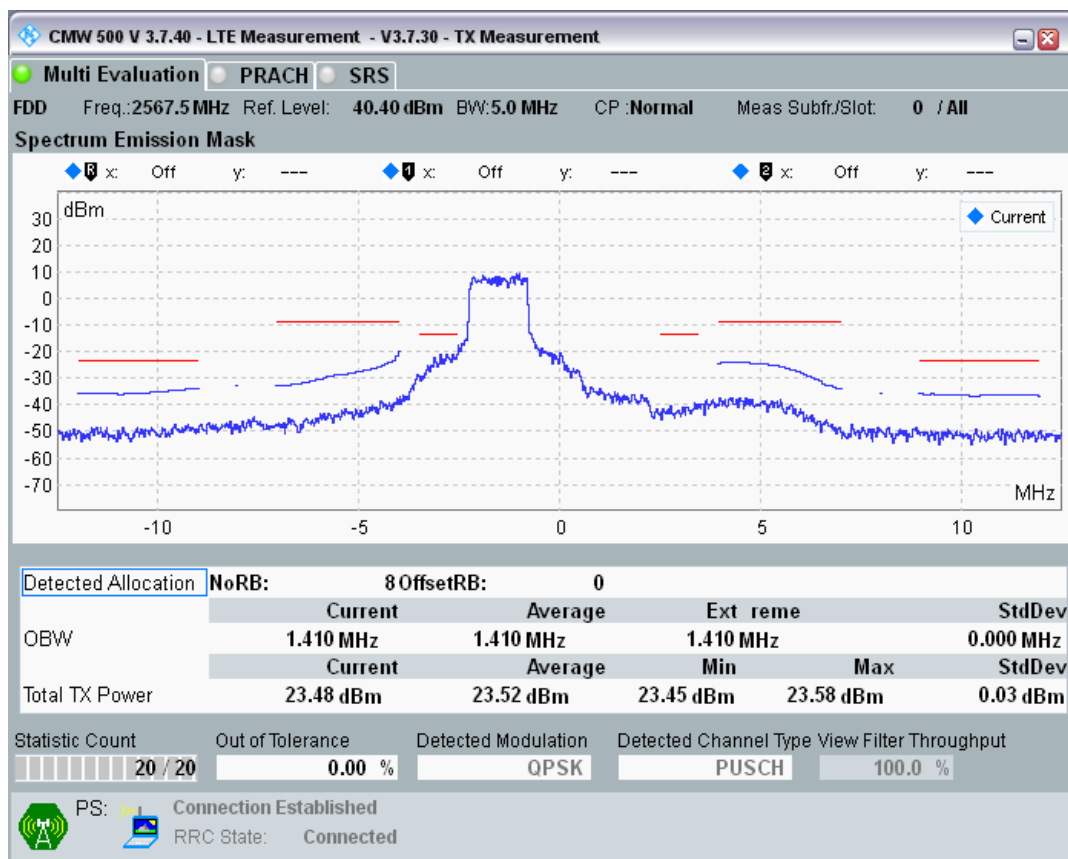
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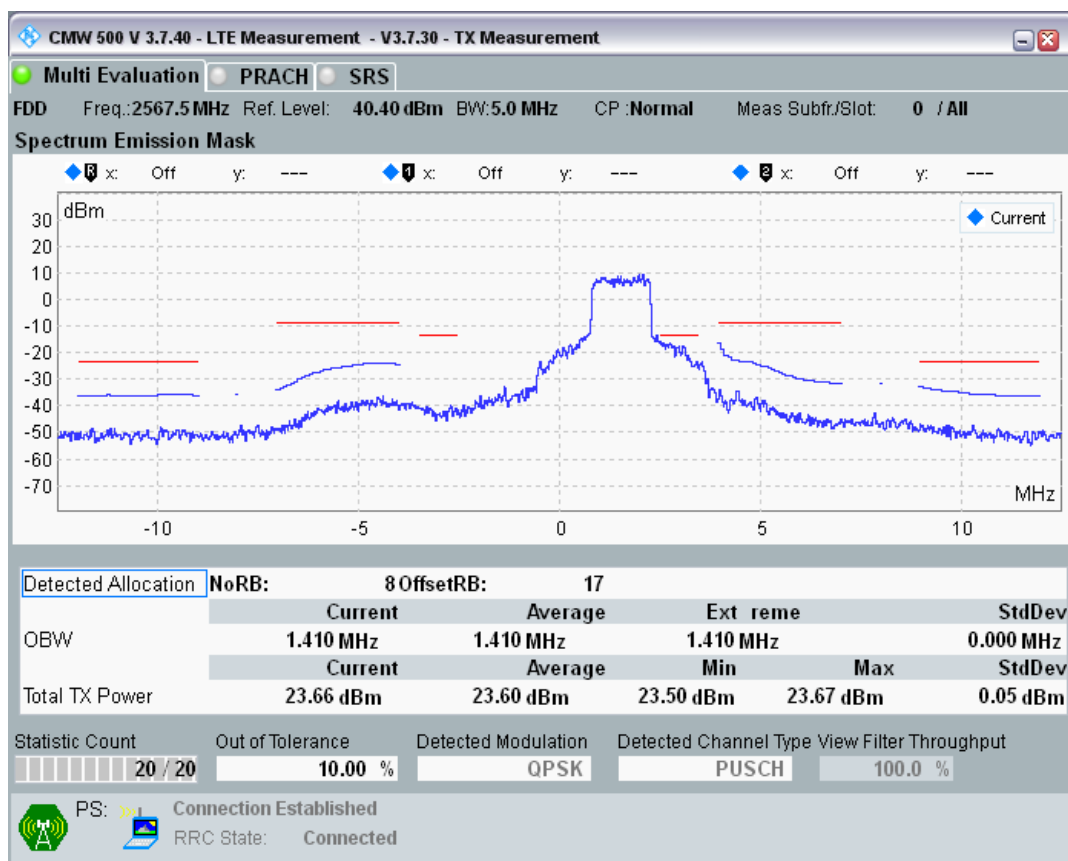
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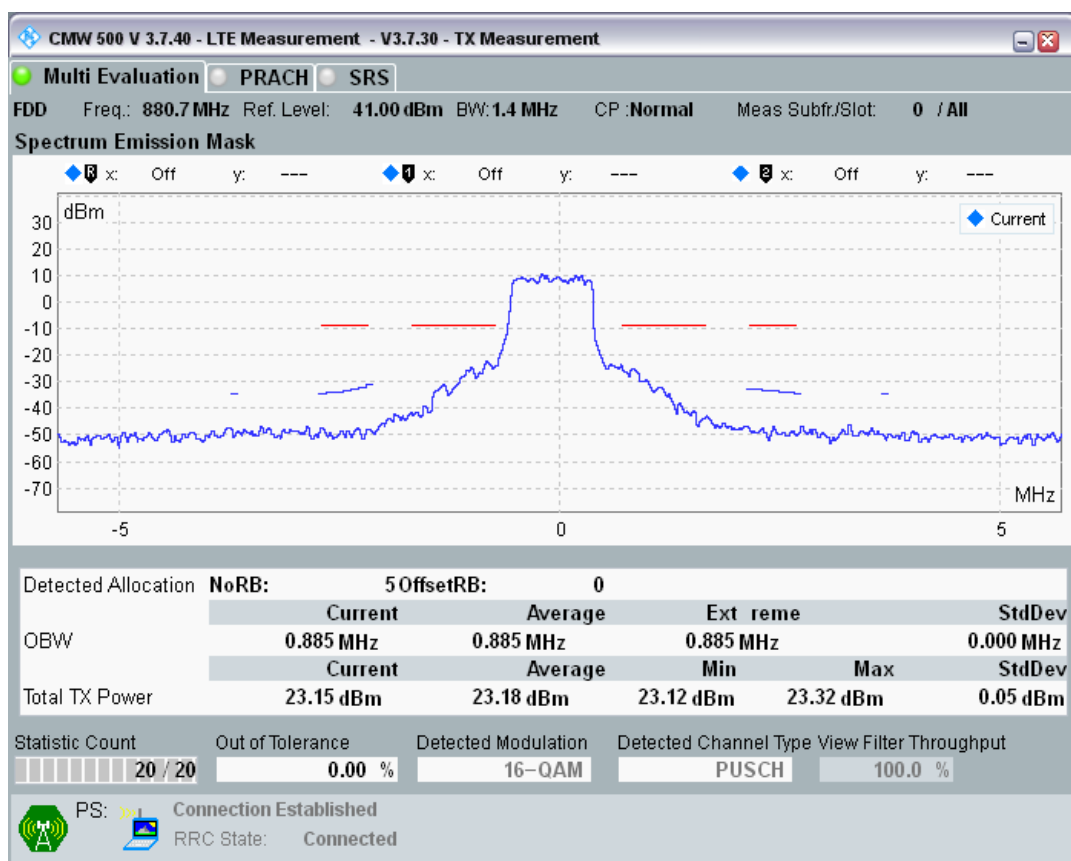
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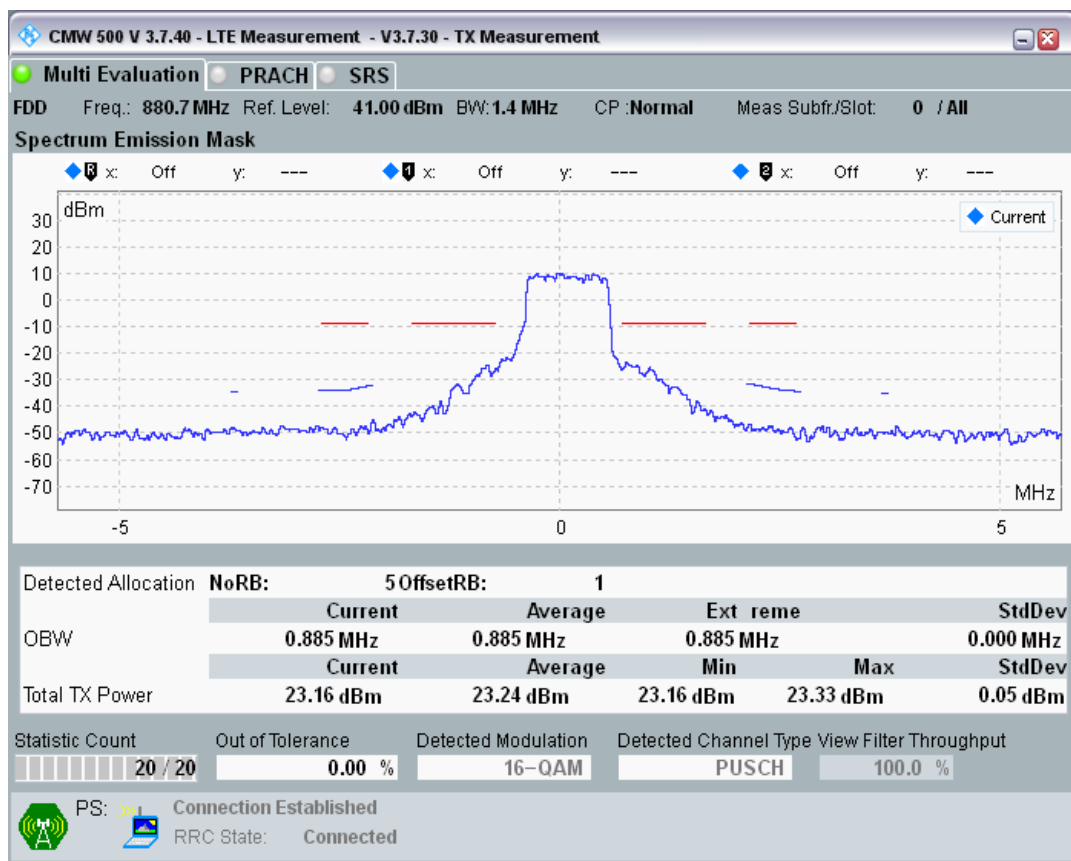
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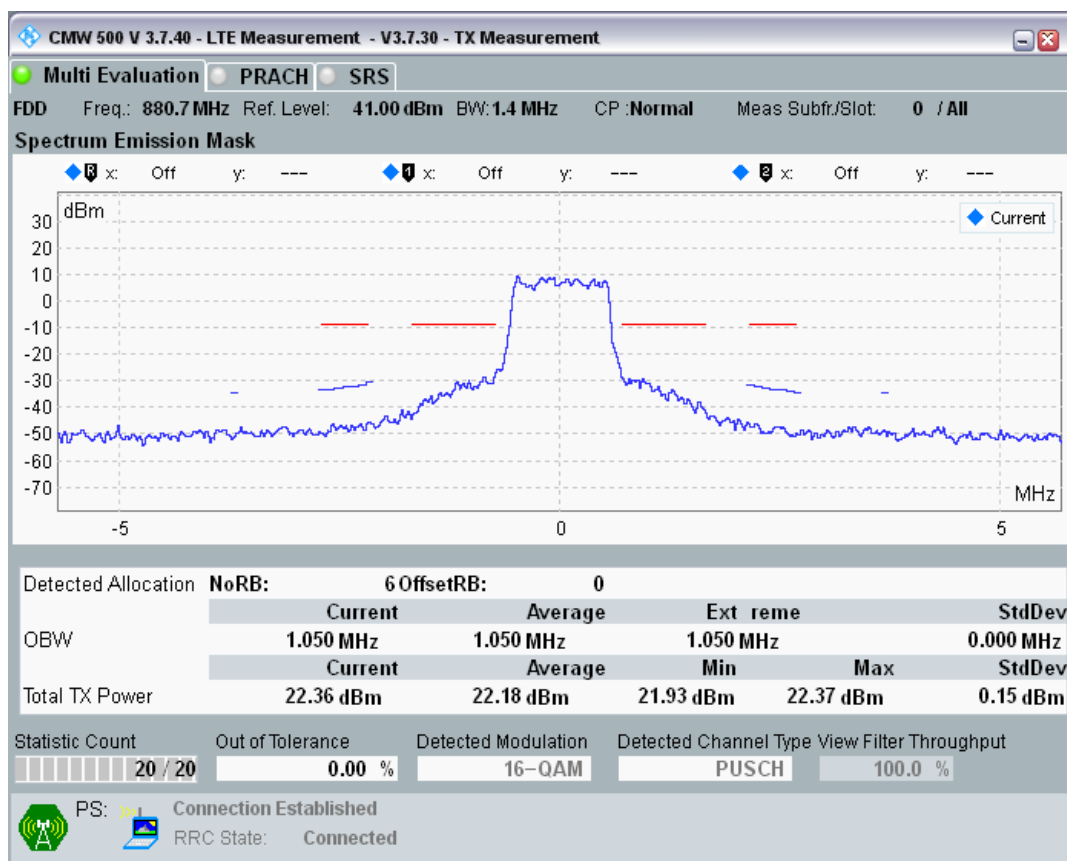
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



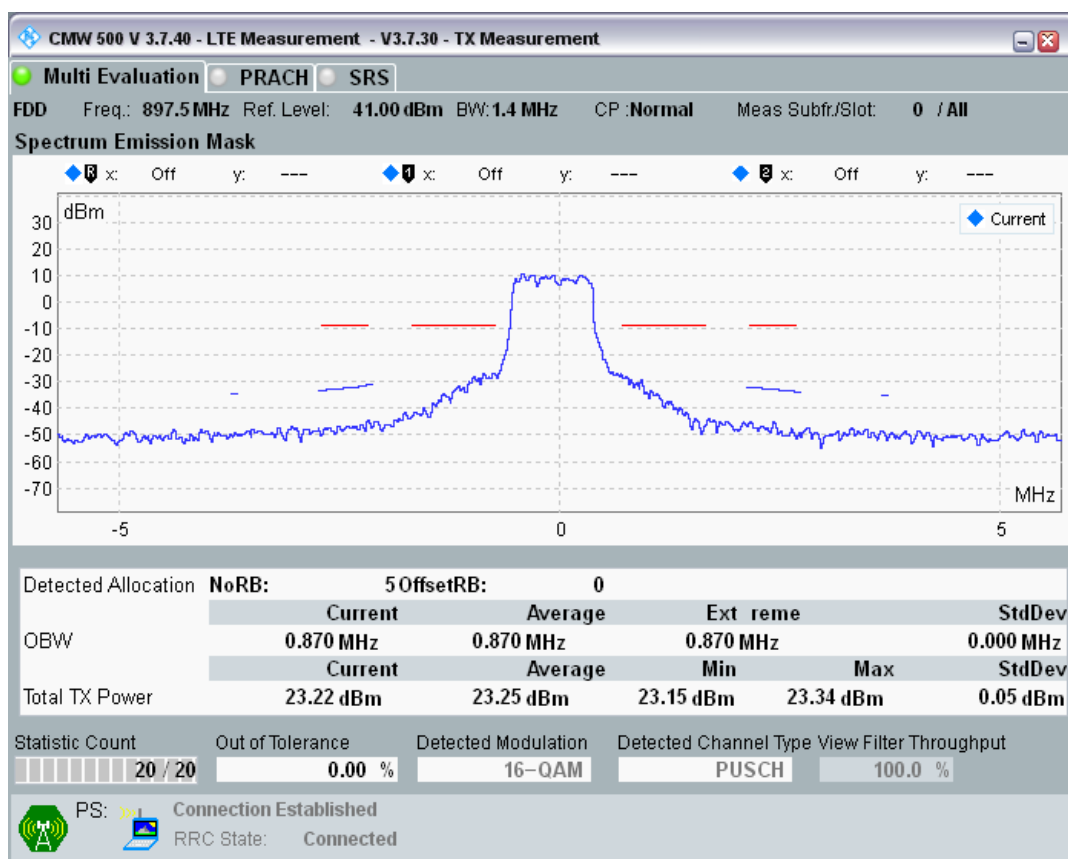
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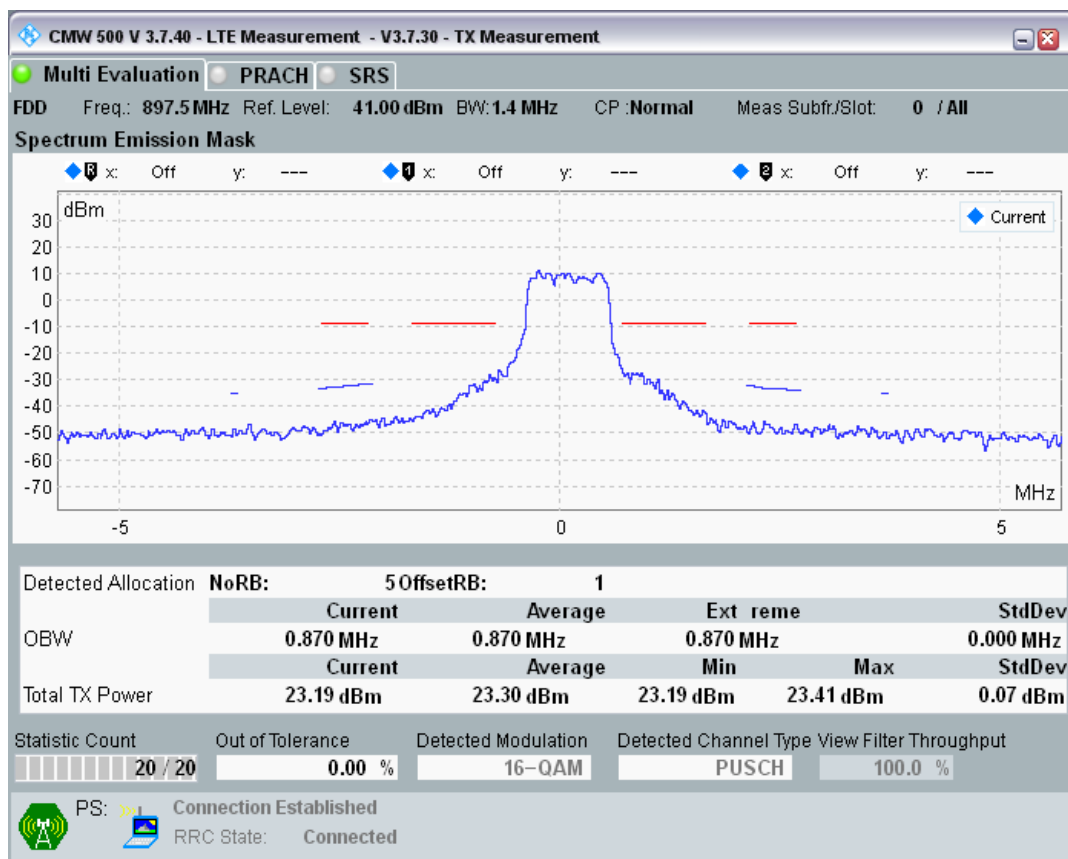
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png



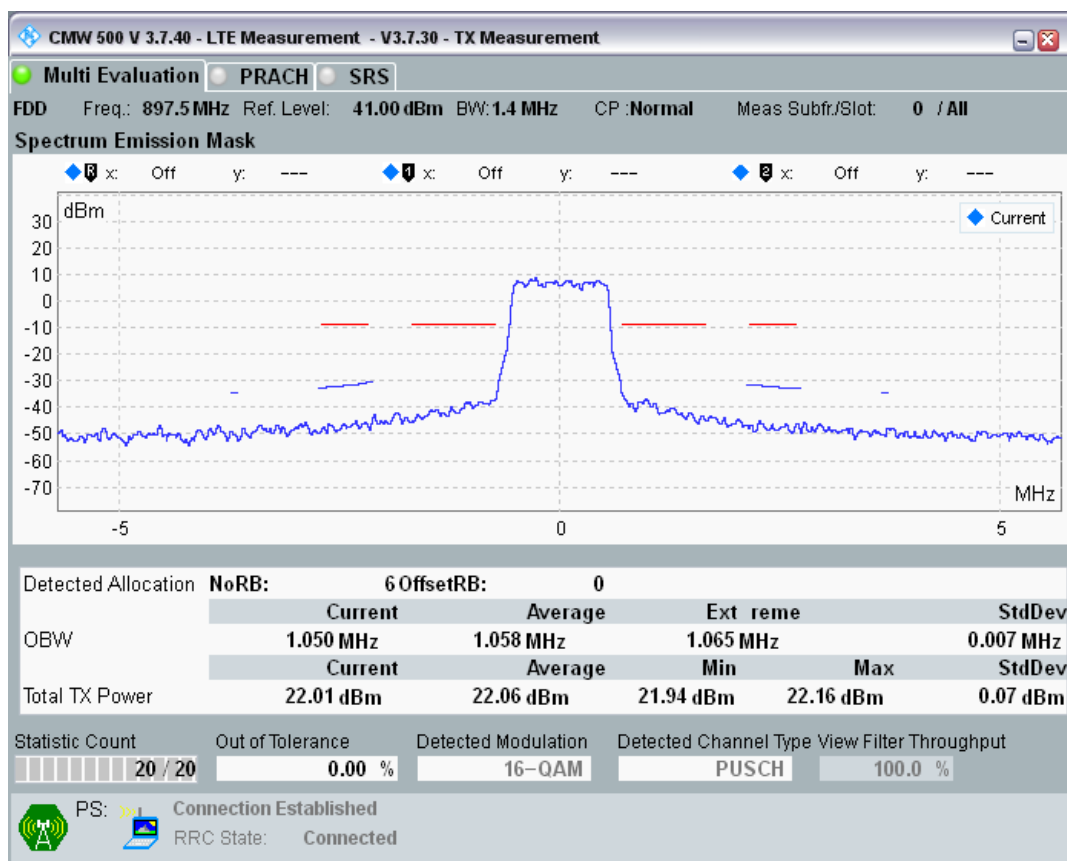
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Band8 QAM16 BW=1.4MHz Channel=21625 RB Size=5 Position=#Max.png

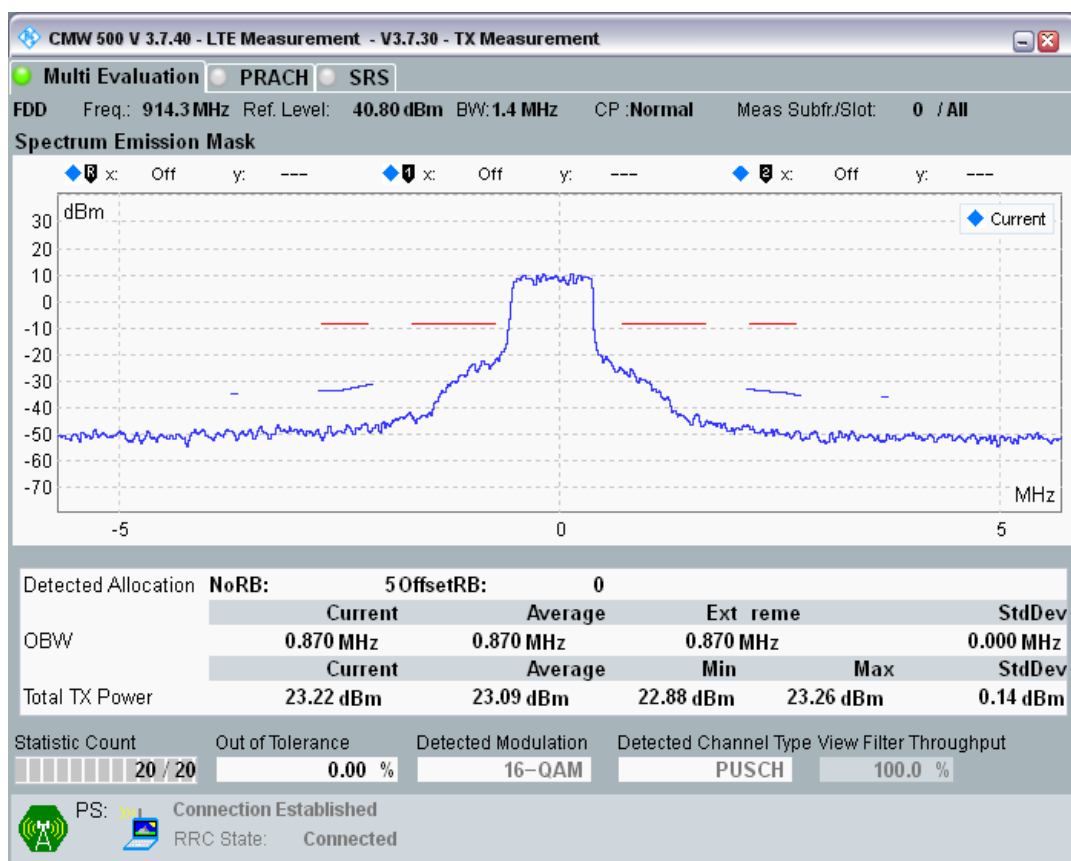


Band8 QAM16 BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png

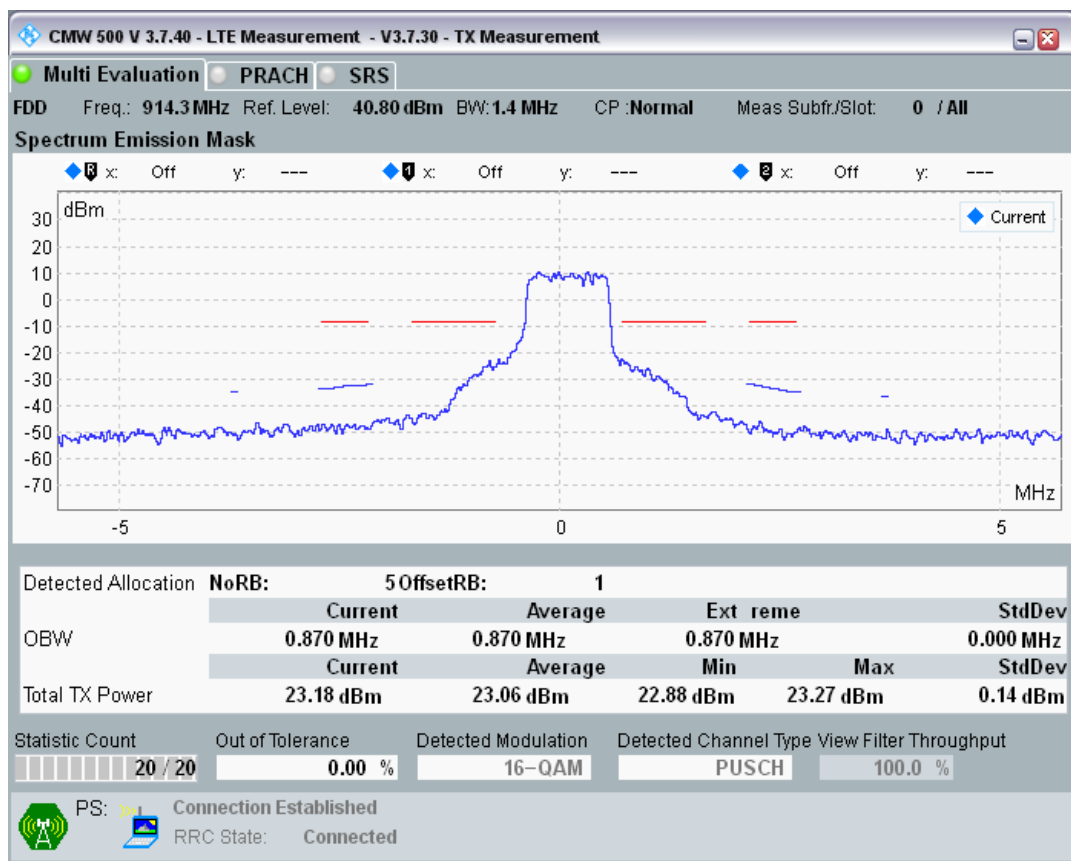


Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png

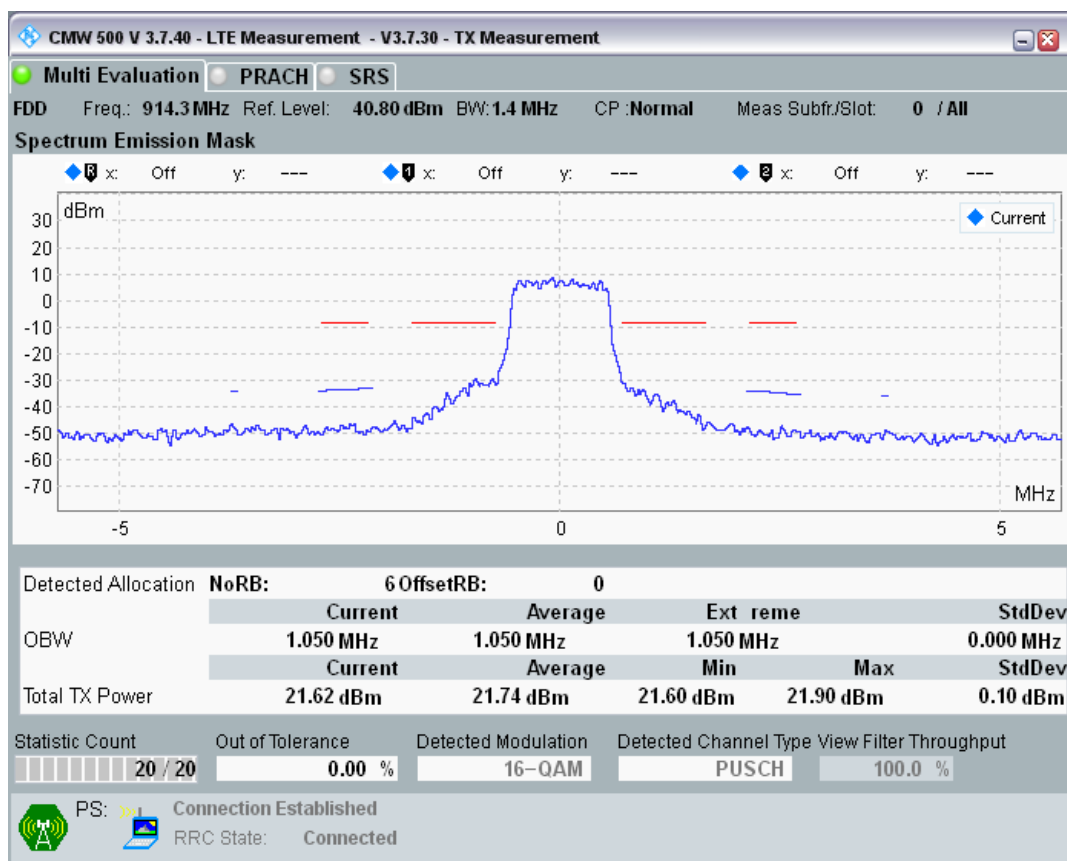




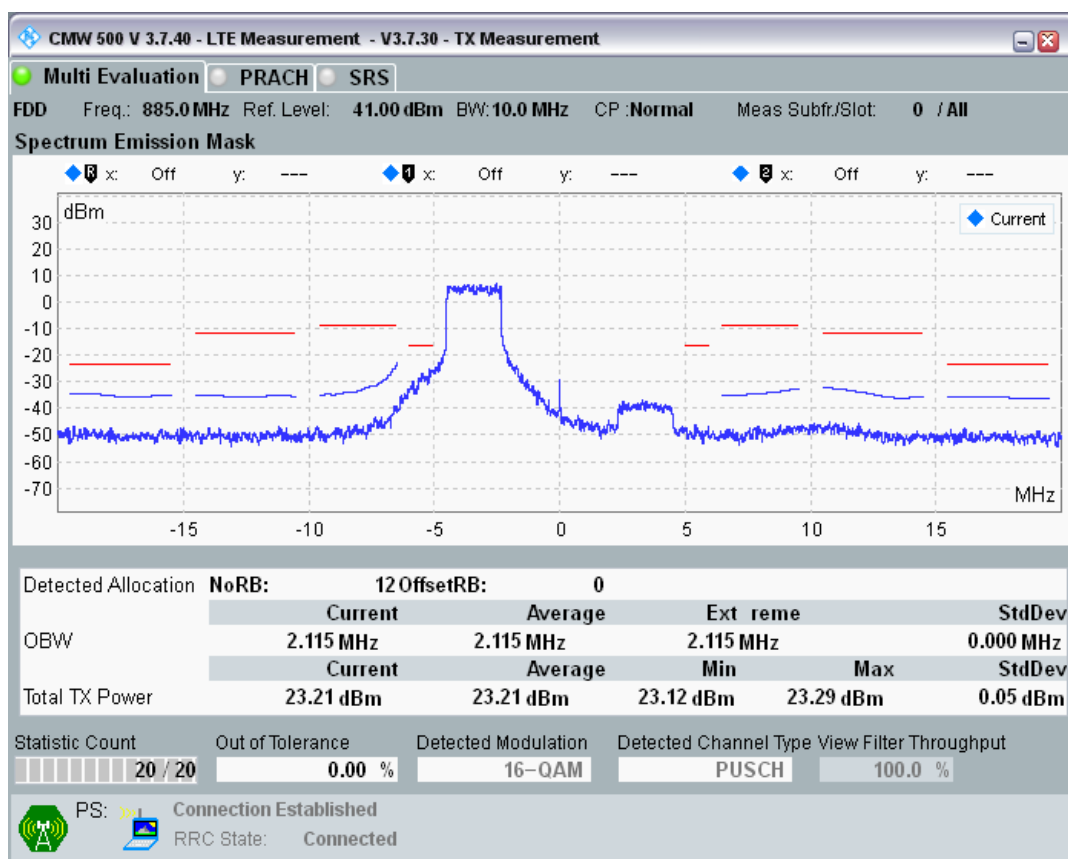
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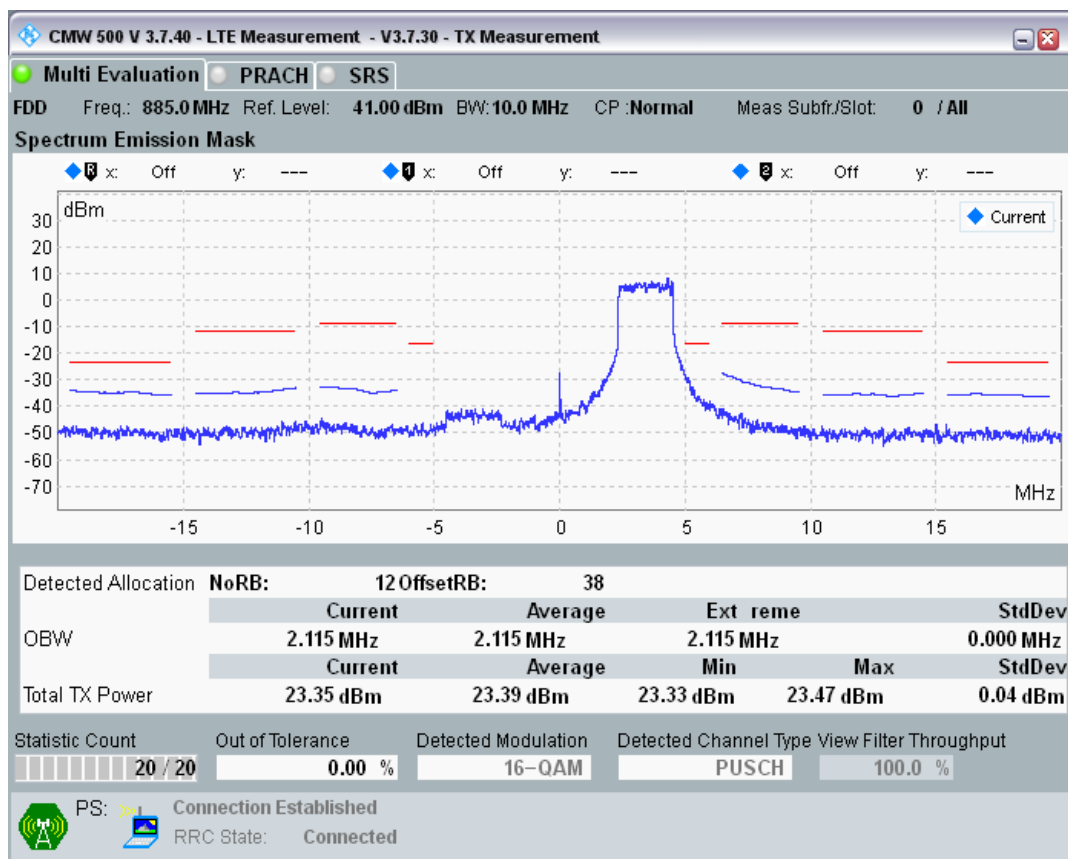
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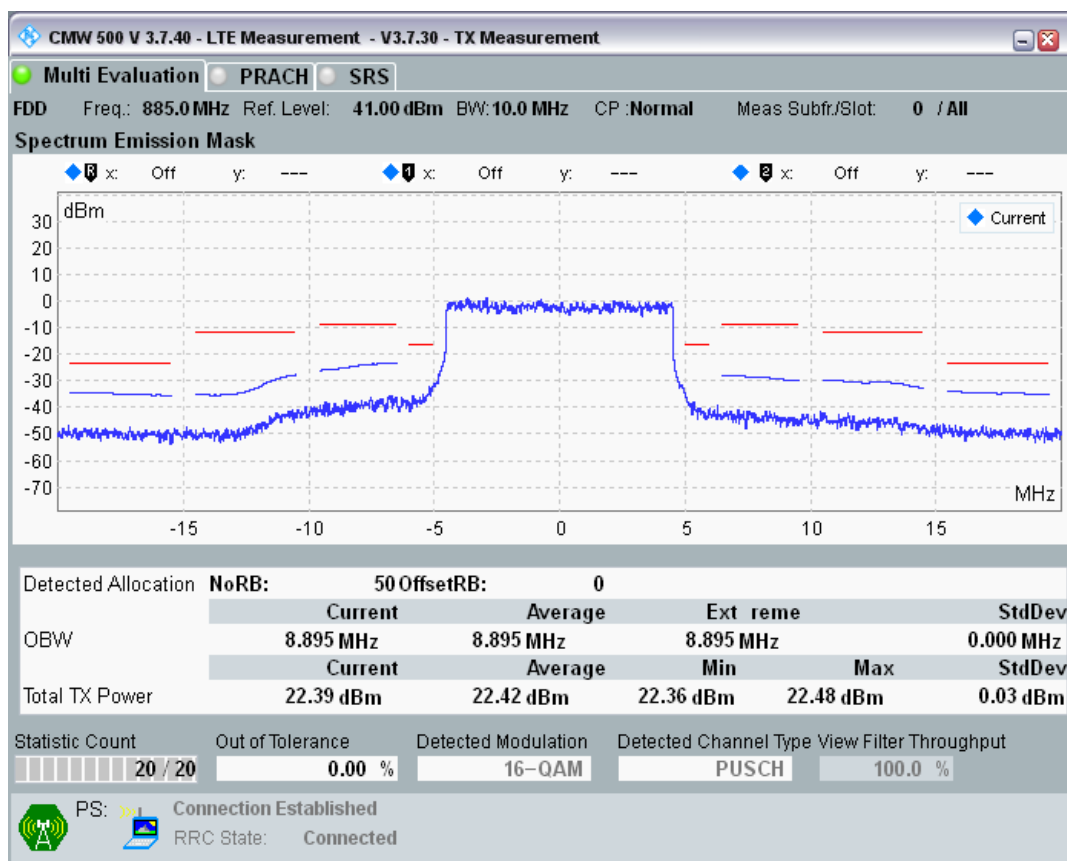
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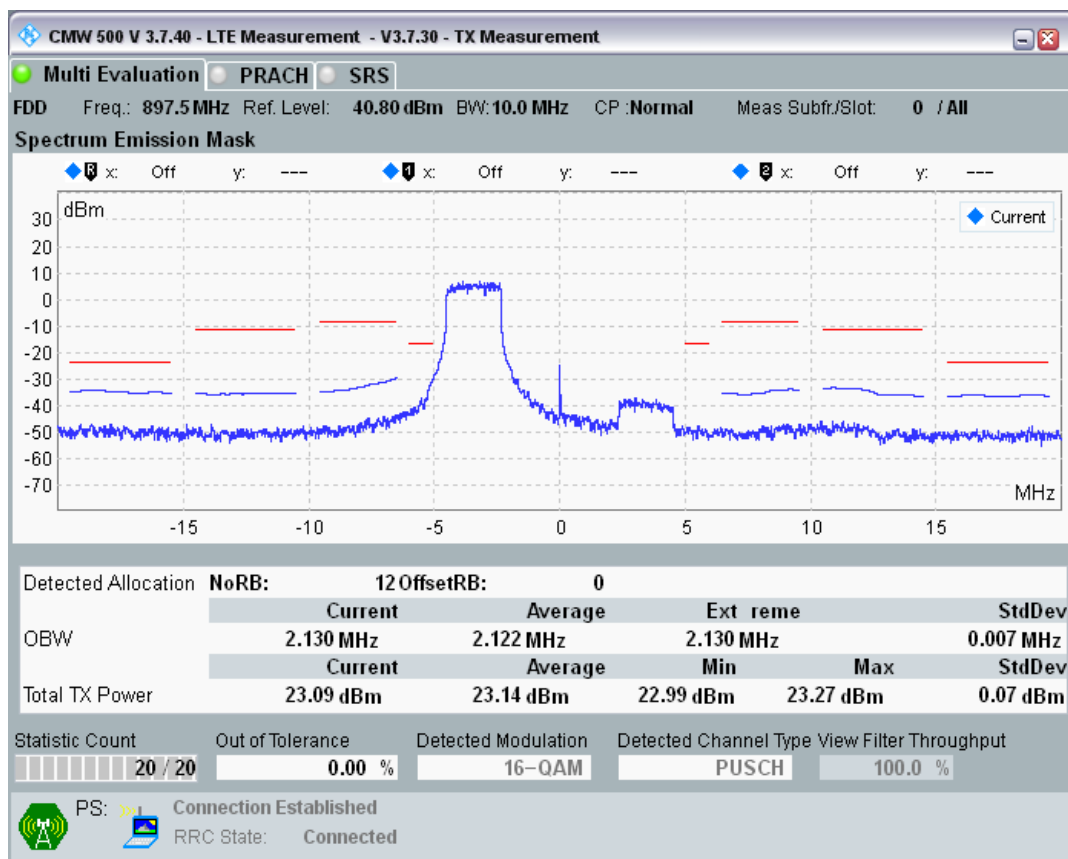
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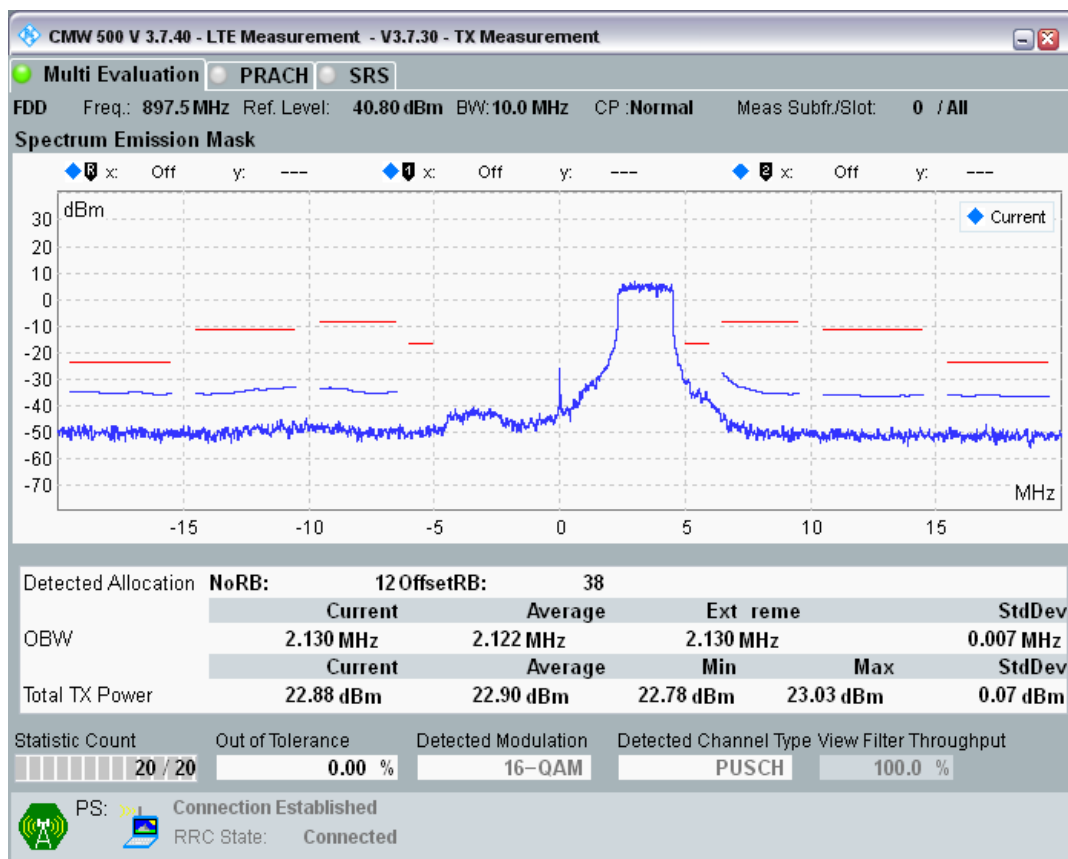
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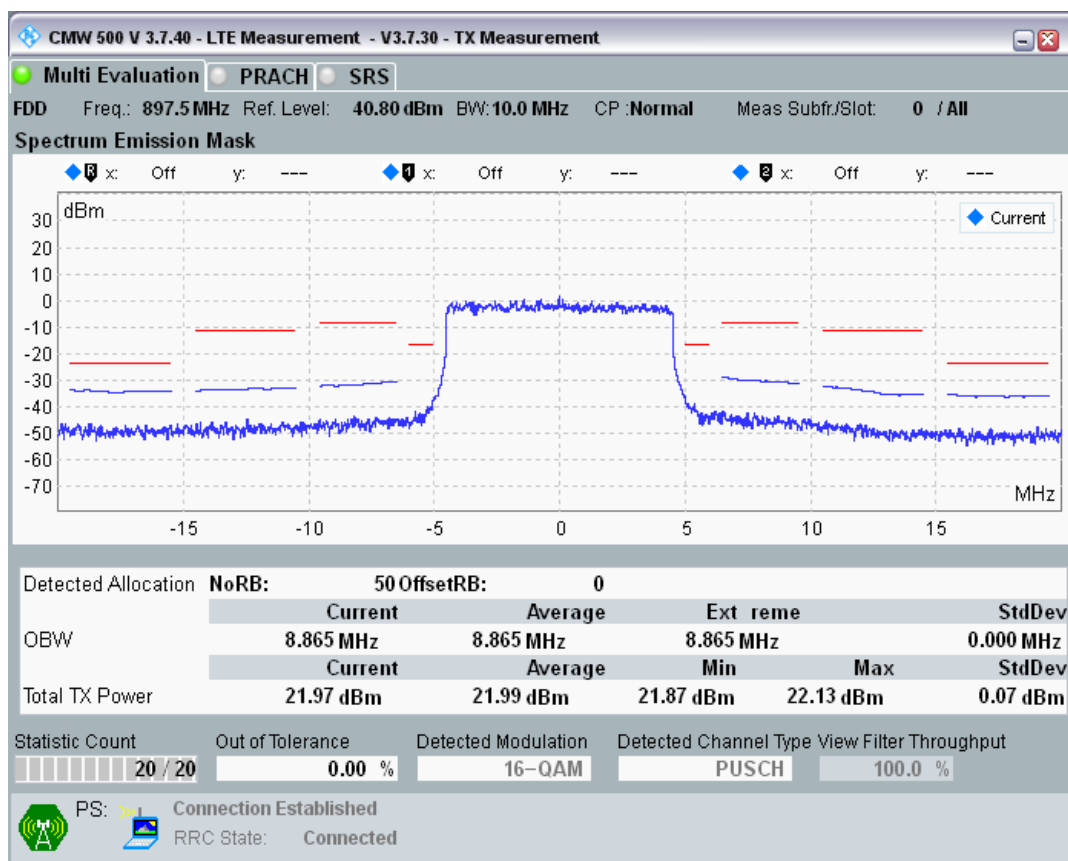
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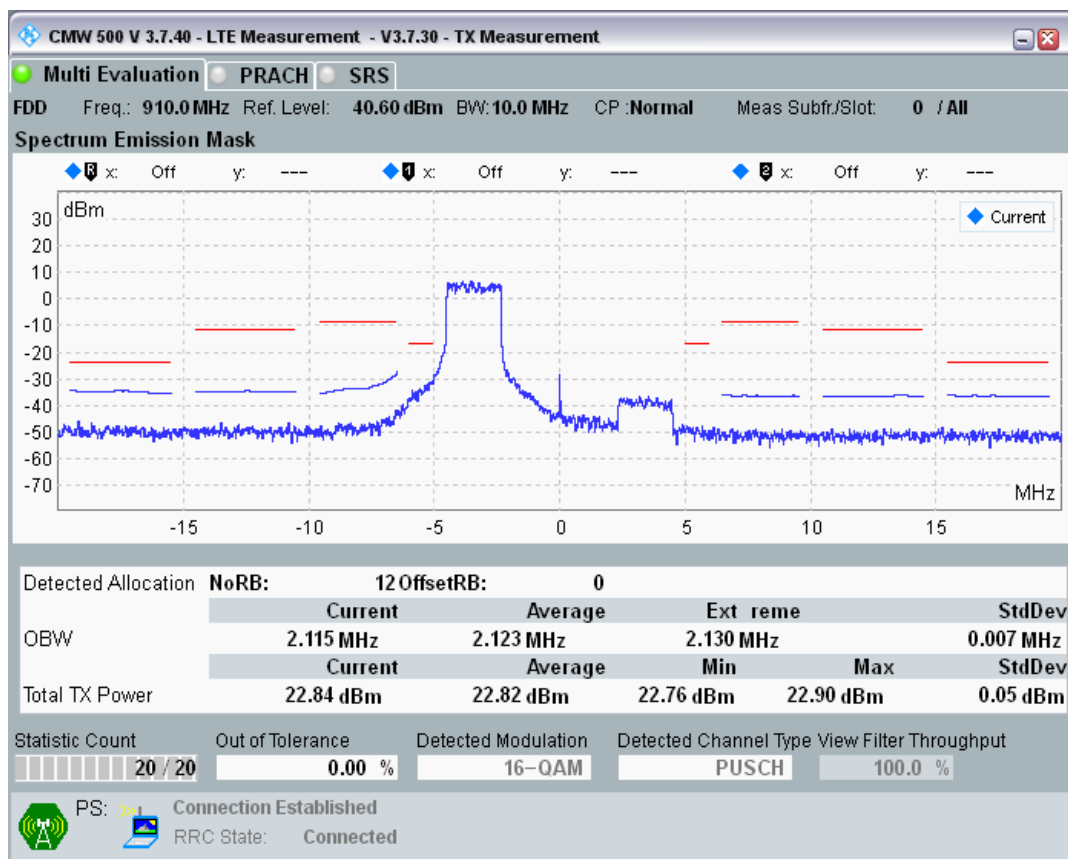
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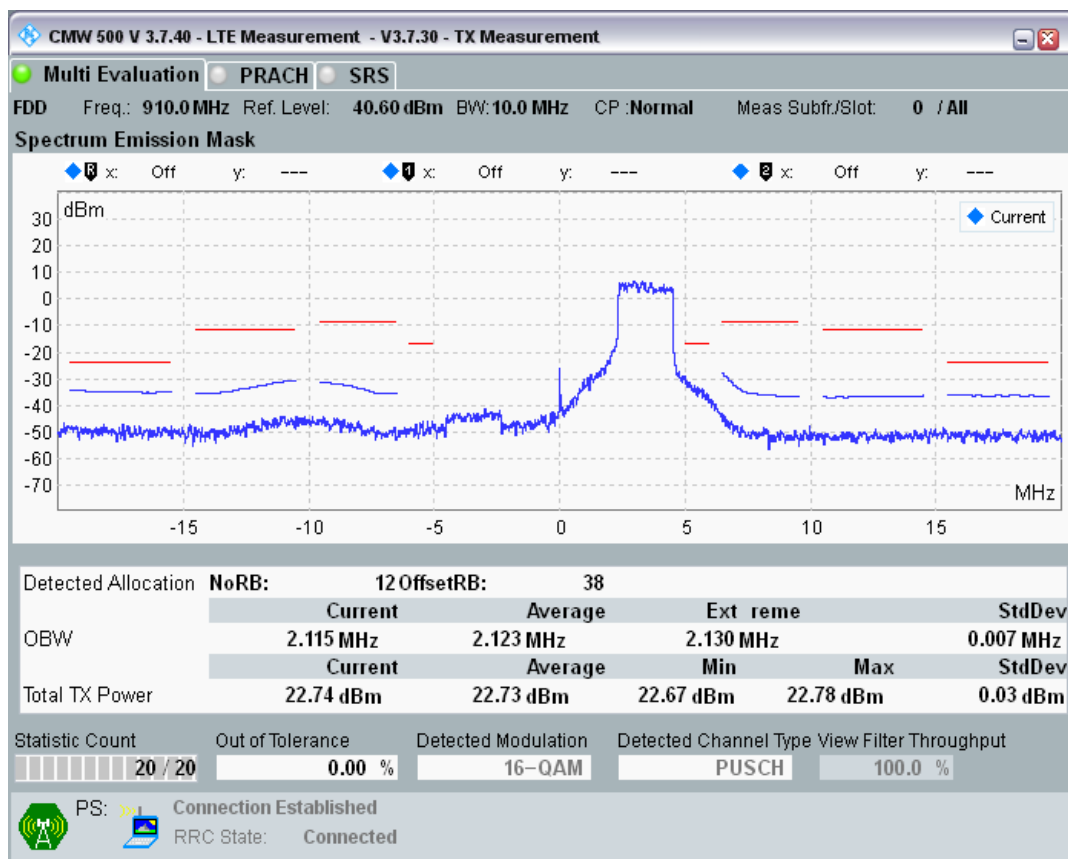
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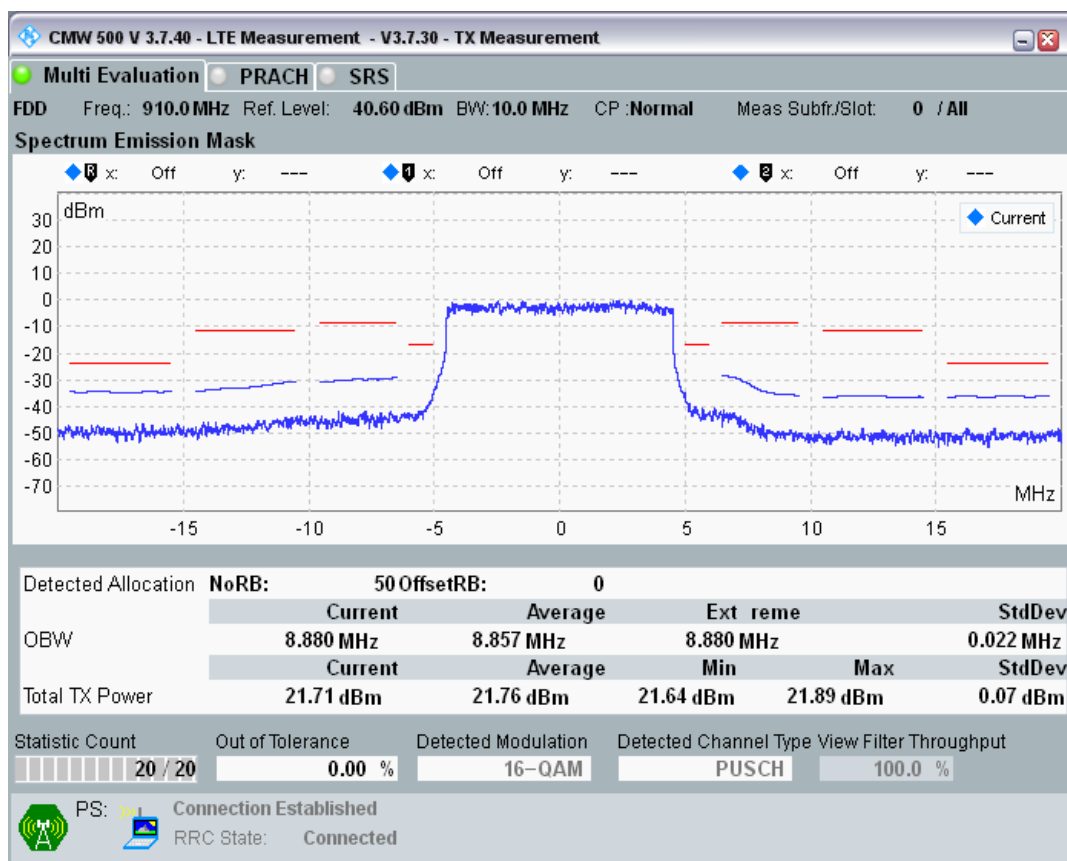
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Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#Max.png

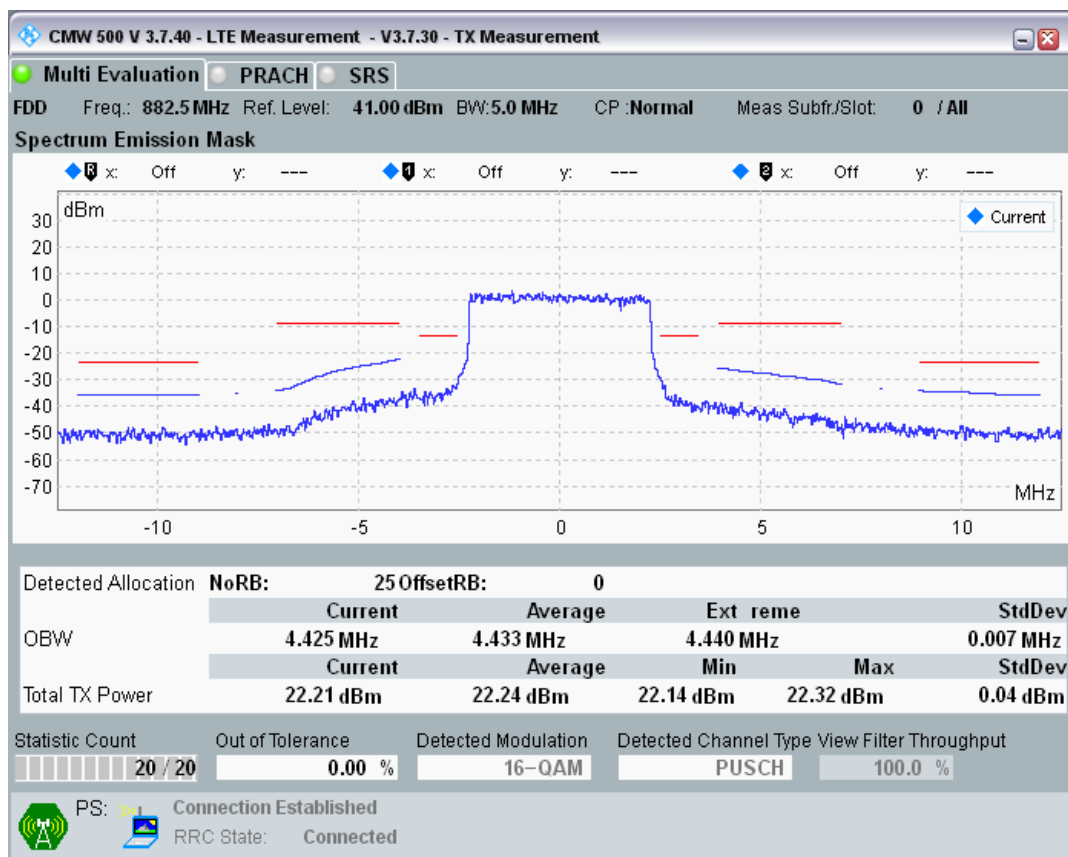


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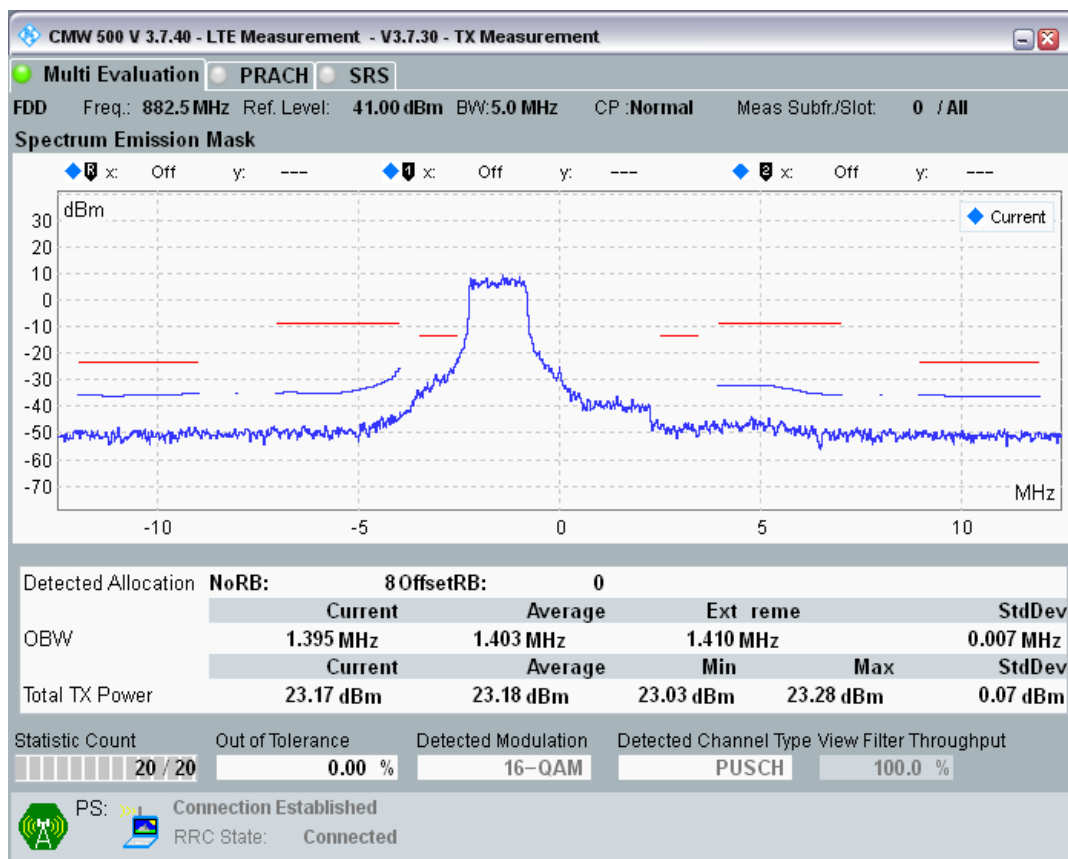


Band8 QAM16 BW=5MHz Channel=21475 RB Size=25 Position=#0.png

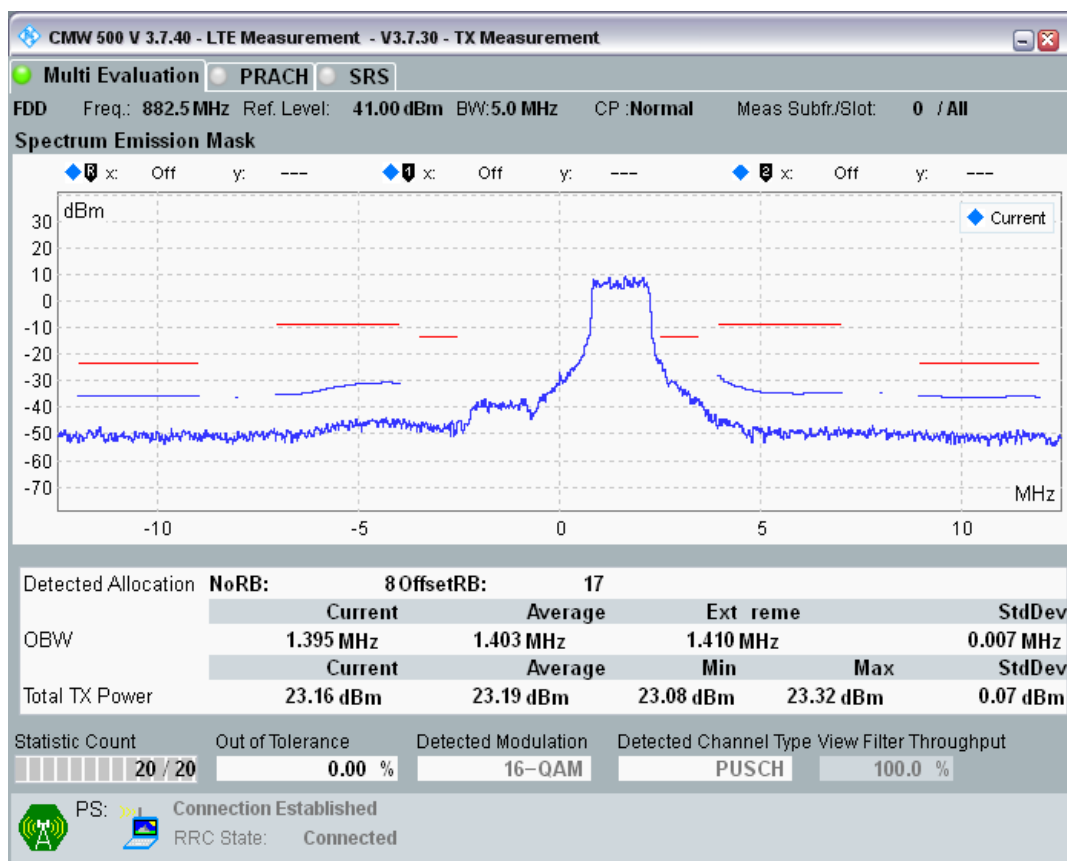




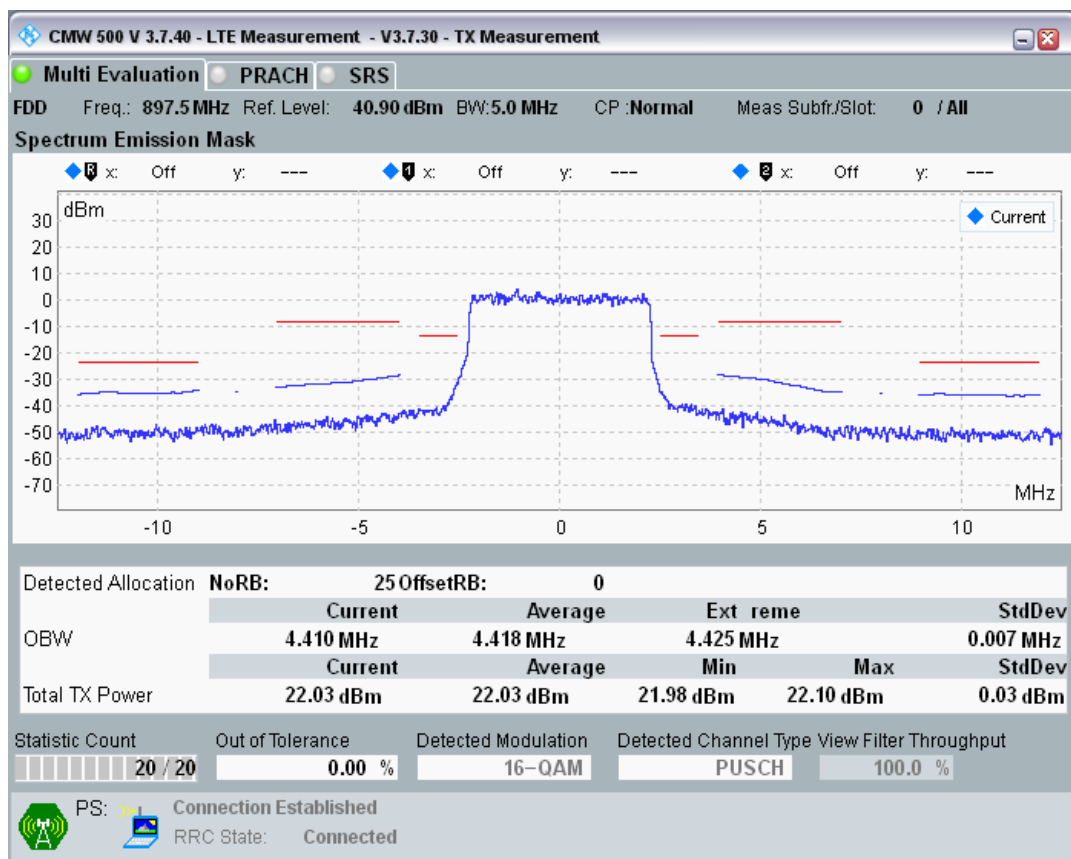
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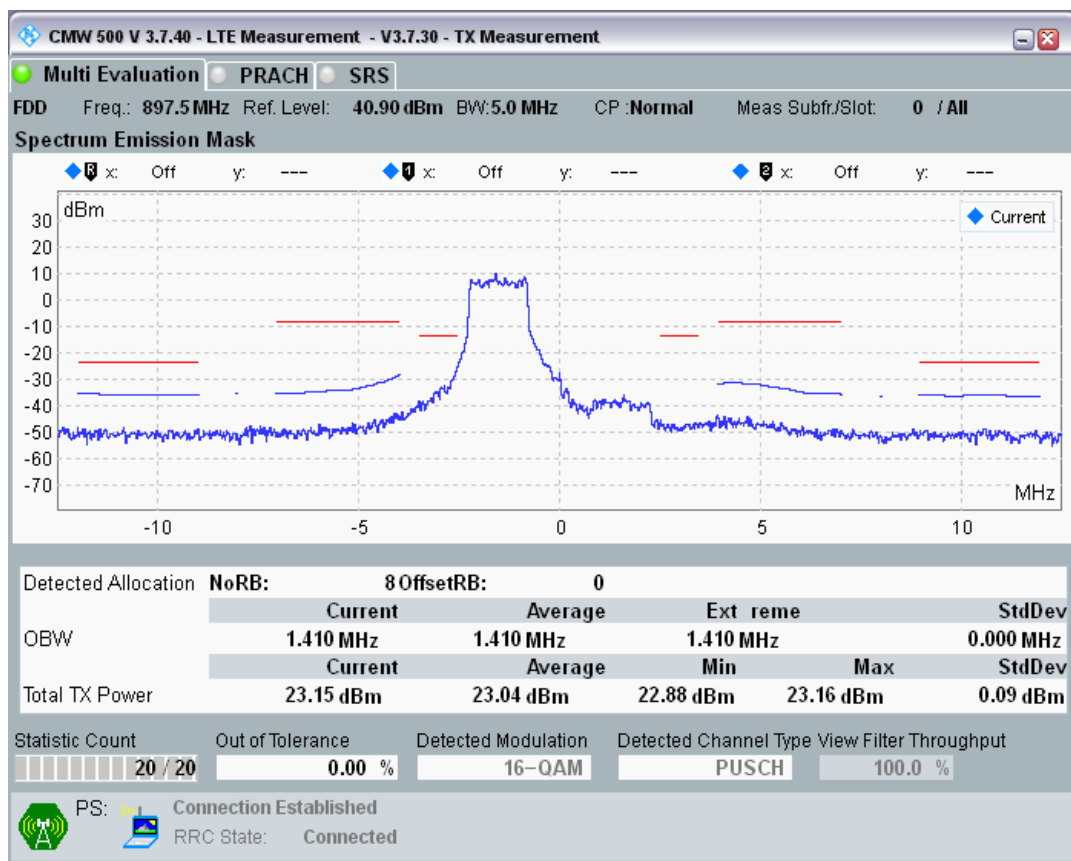
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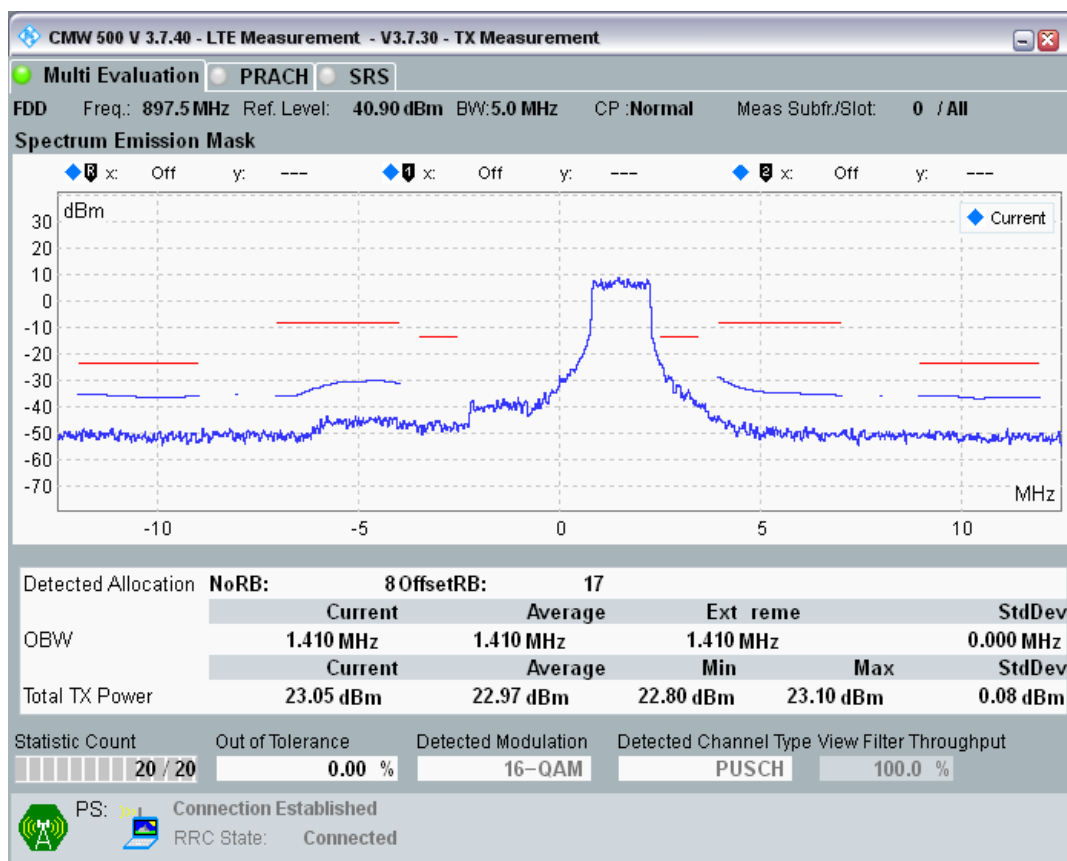
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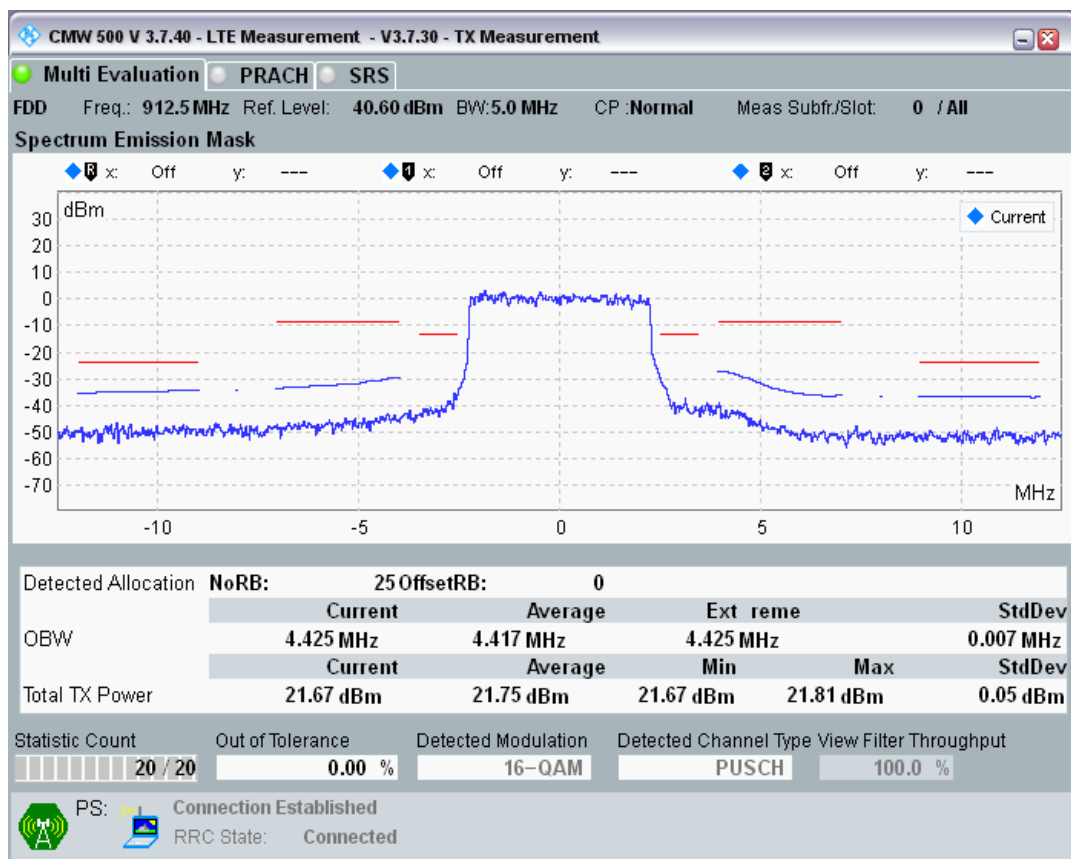
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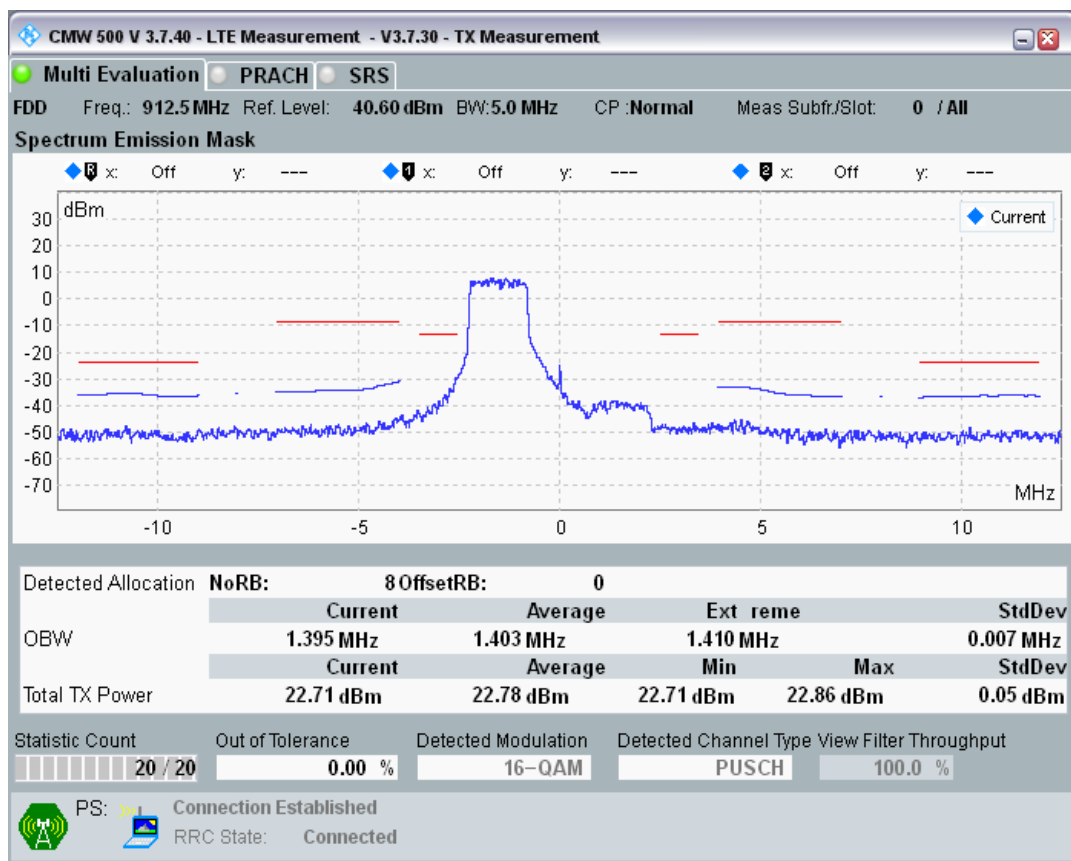
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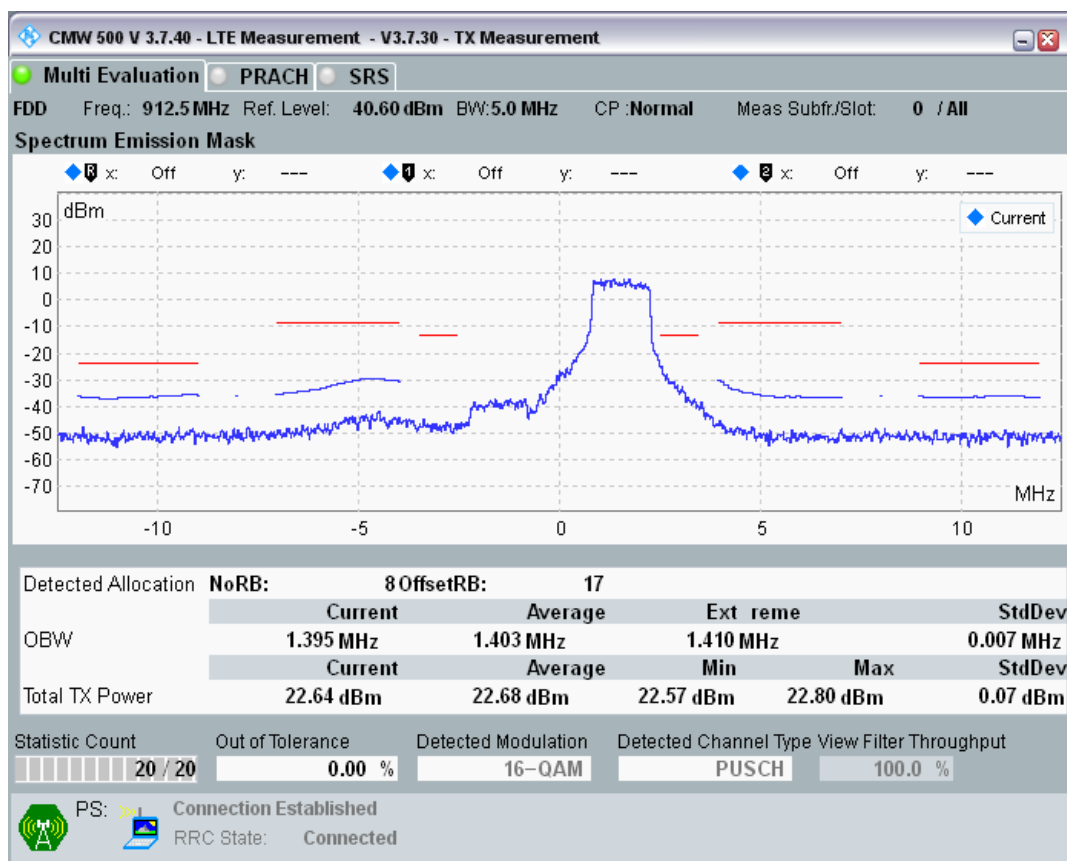
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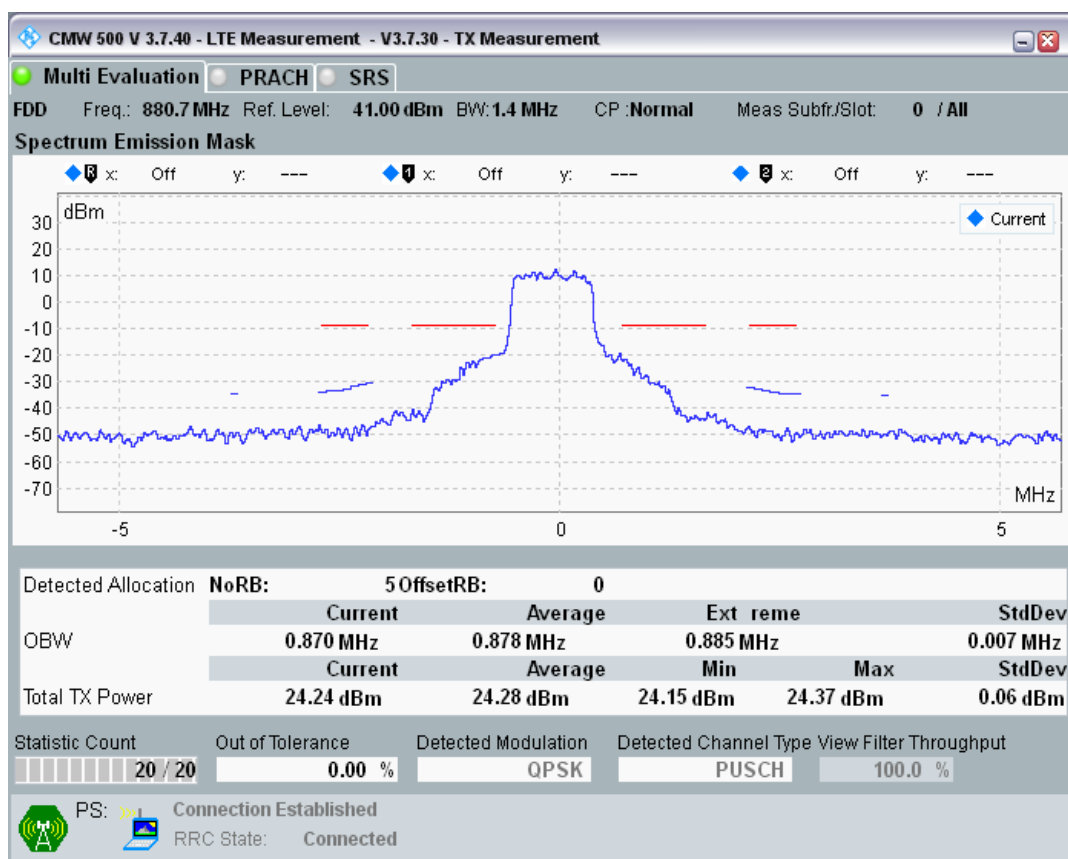
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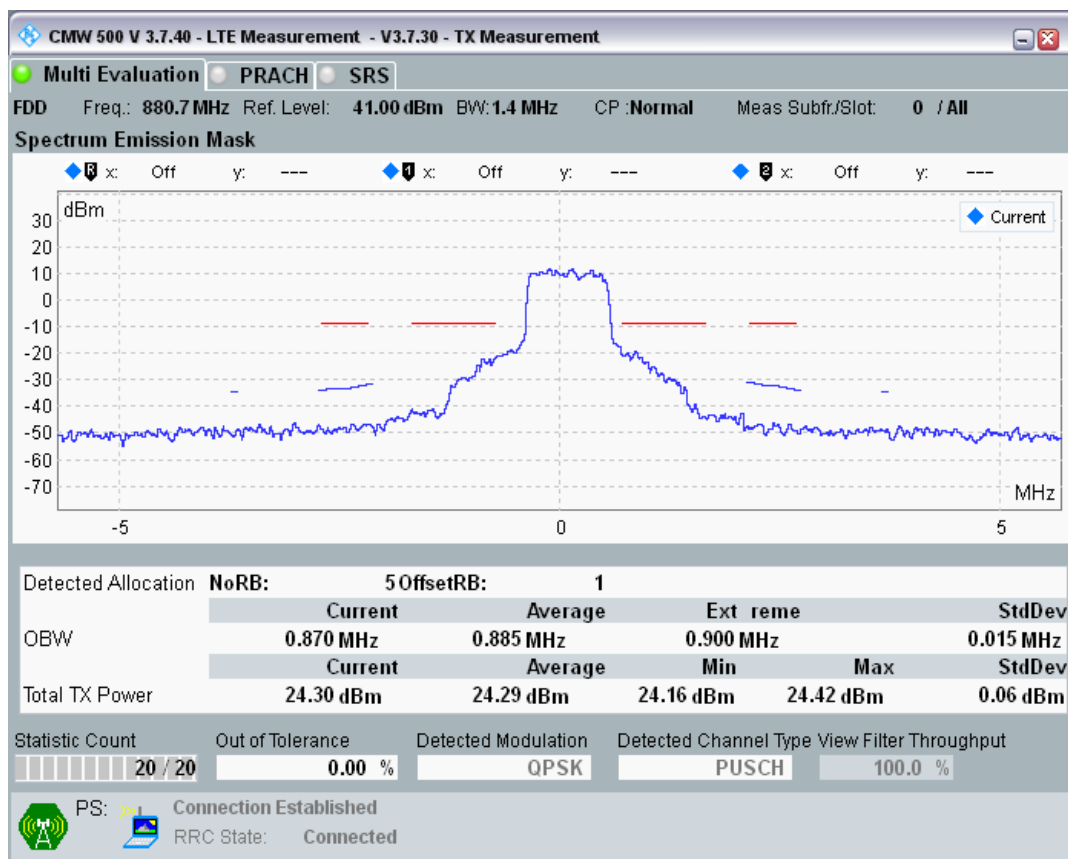
Band8 QAM16 BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



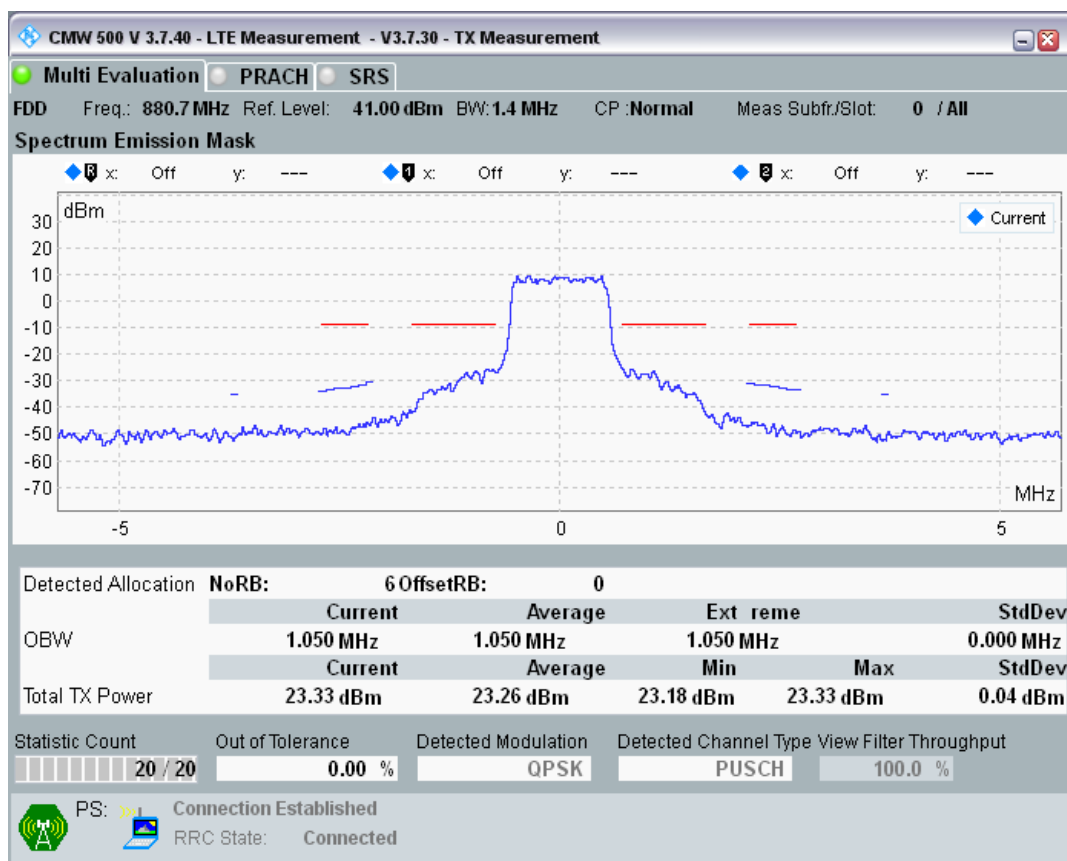
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png

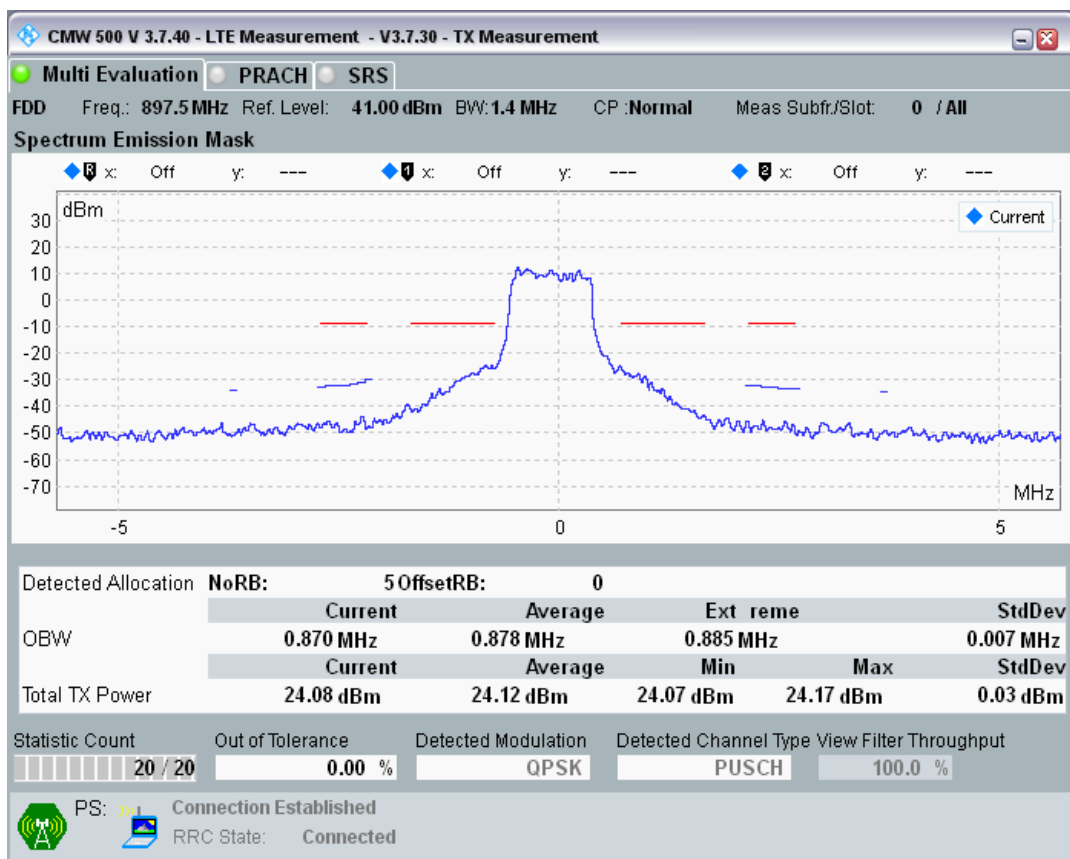


Band8 QPSK BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png

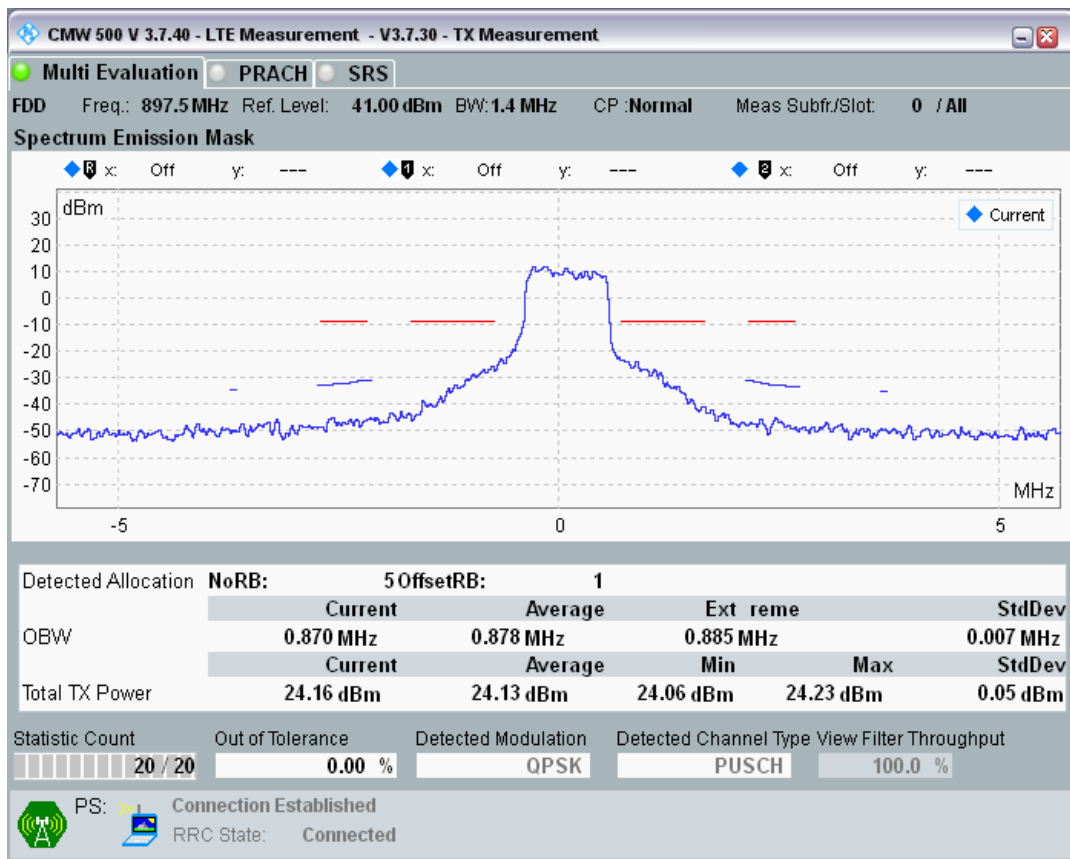


Band8 QPSK BW=1.4MHz Channel=21625 RB Size=5 Position=#0.png

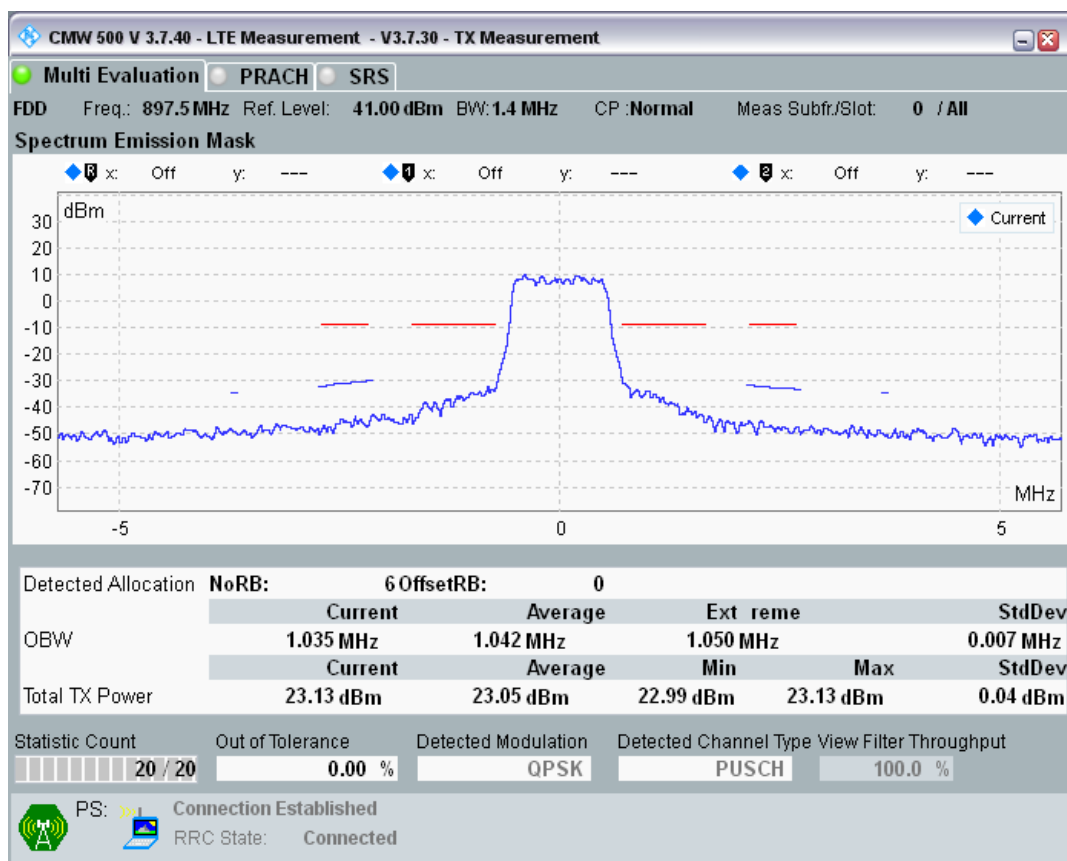




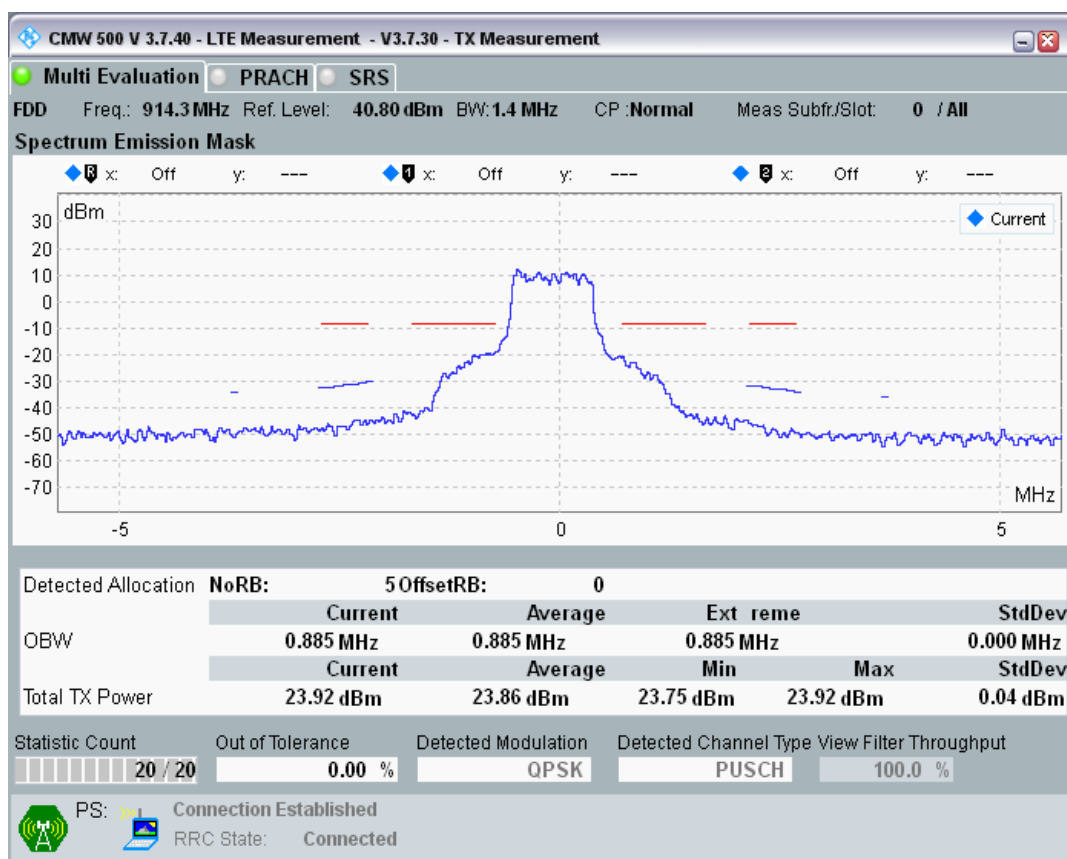
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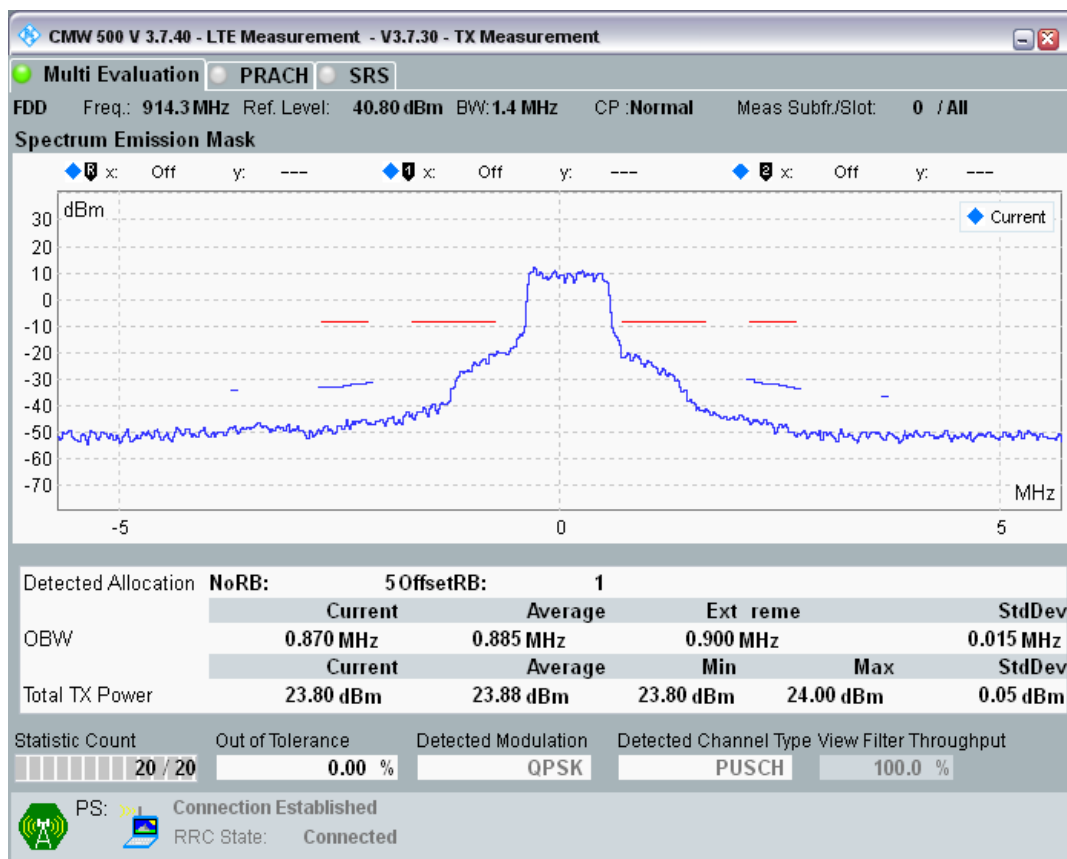
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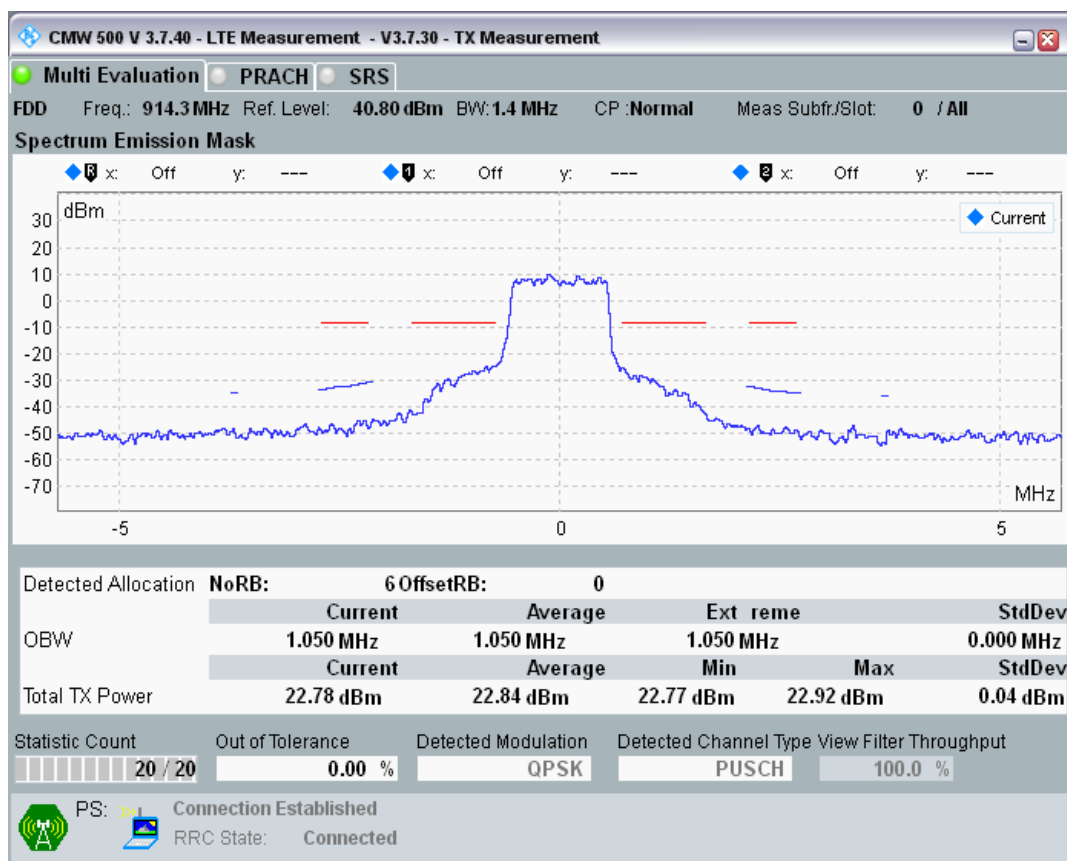
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



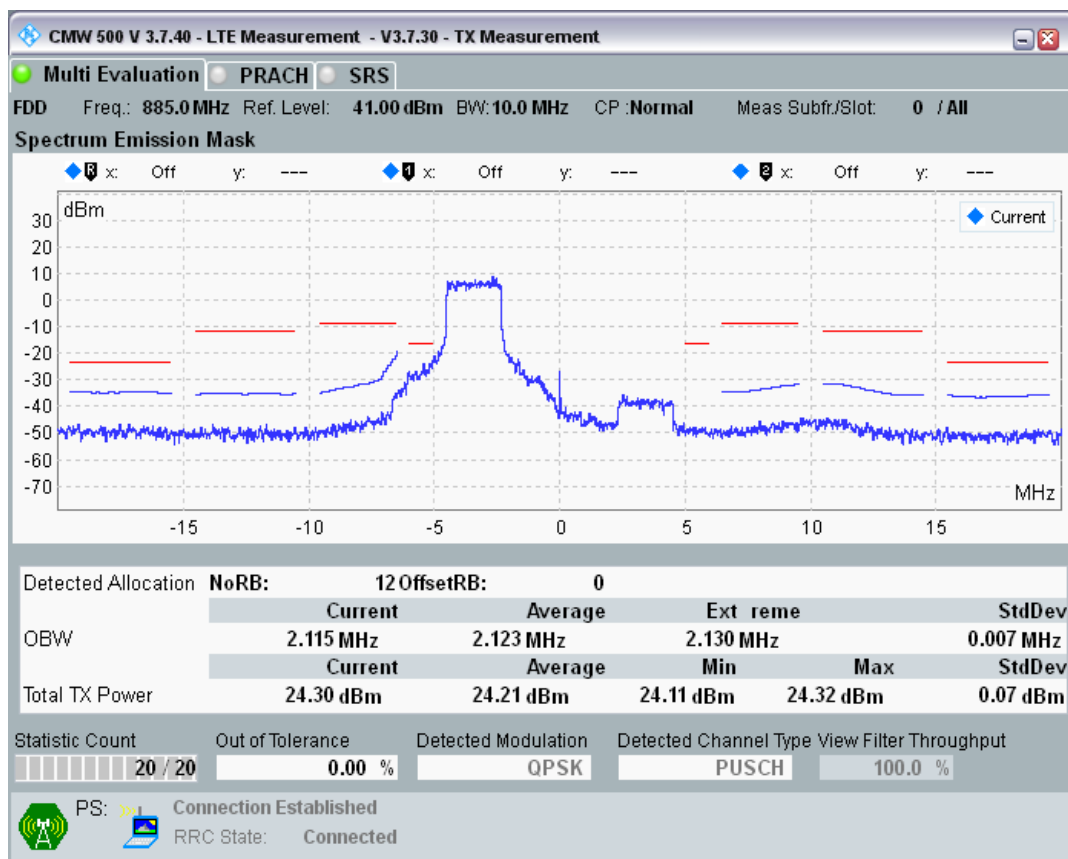
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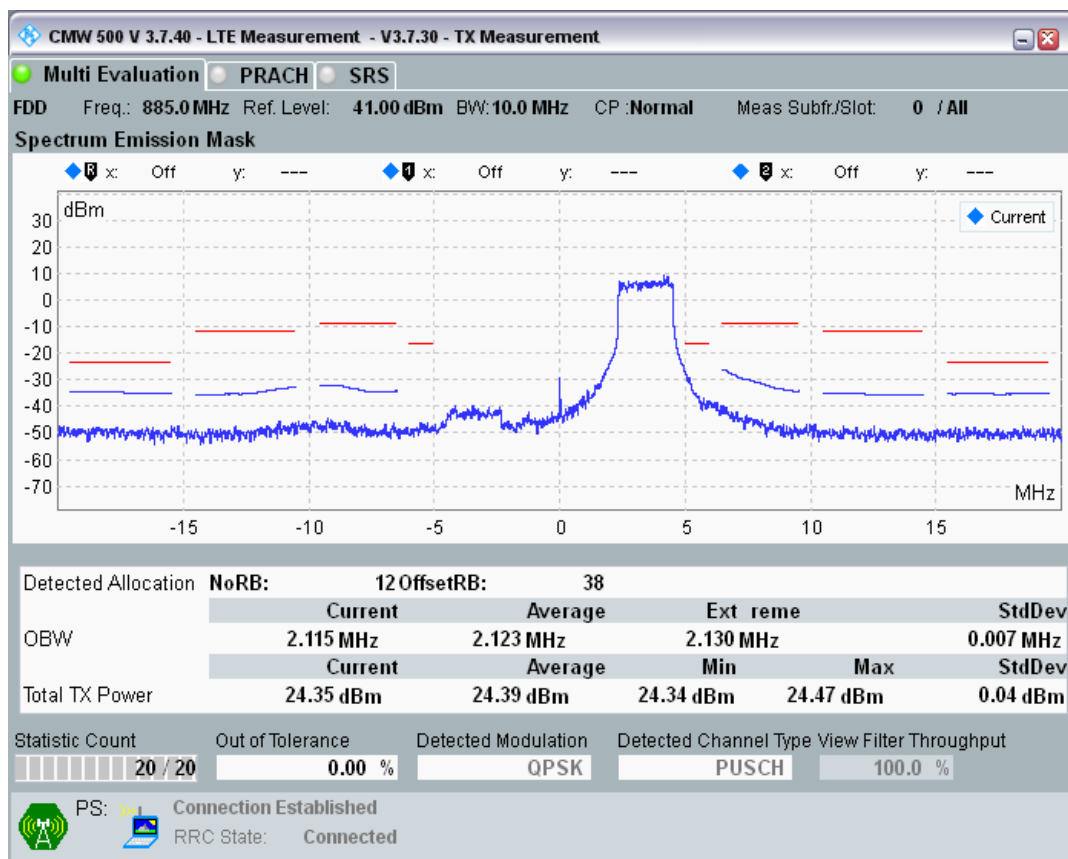
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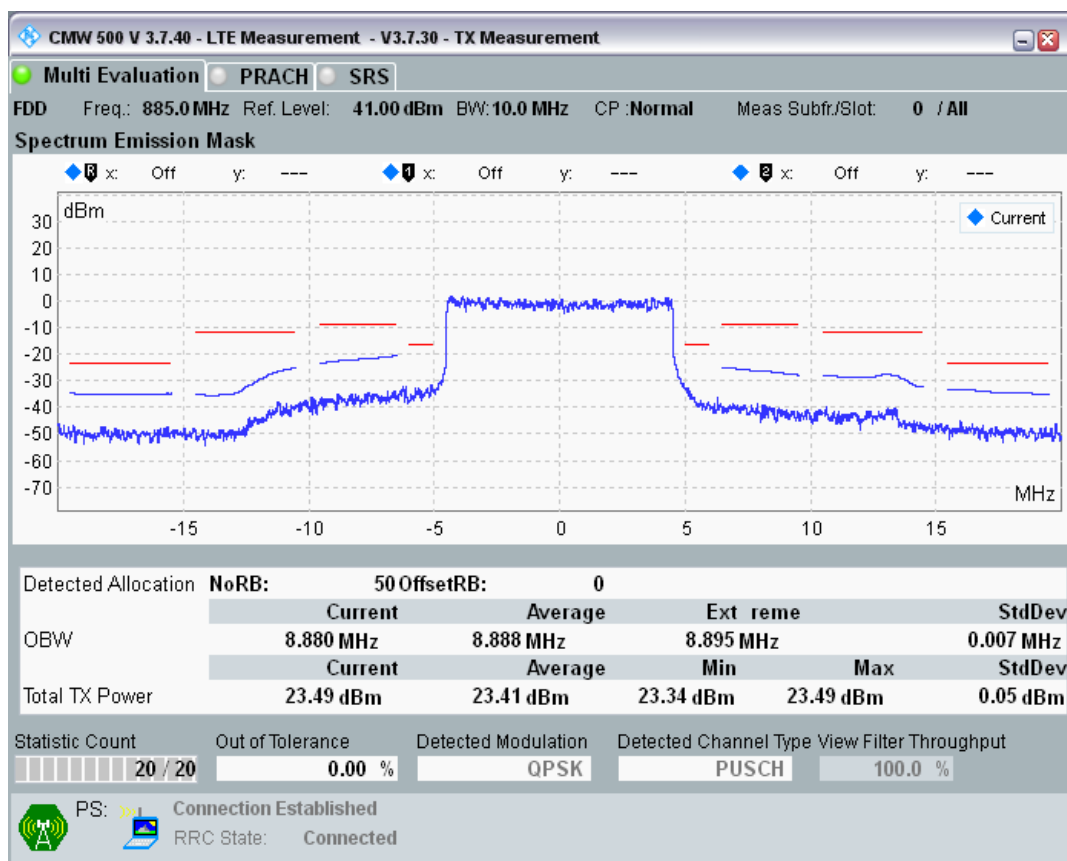
Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#0.png



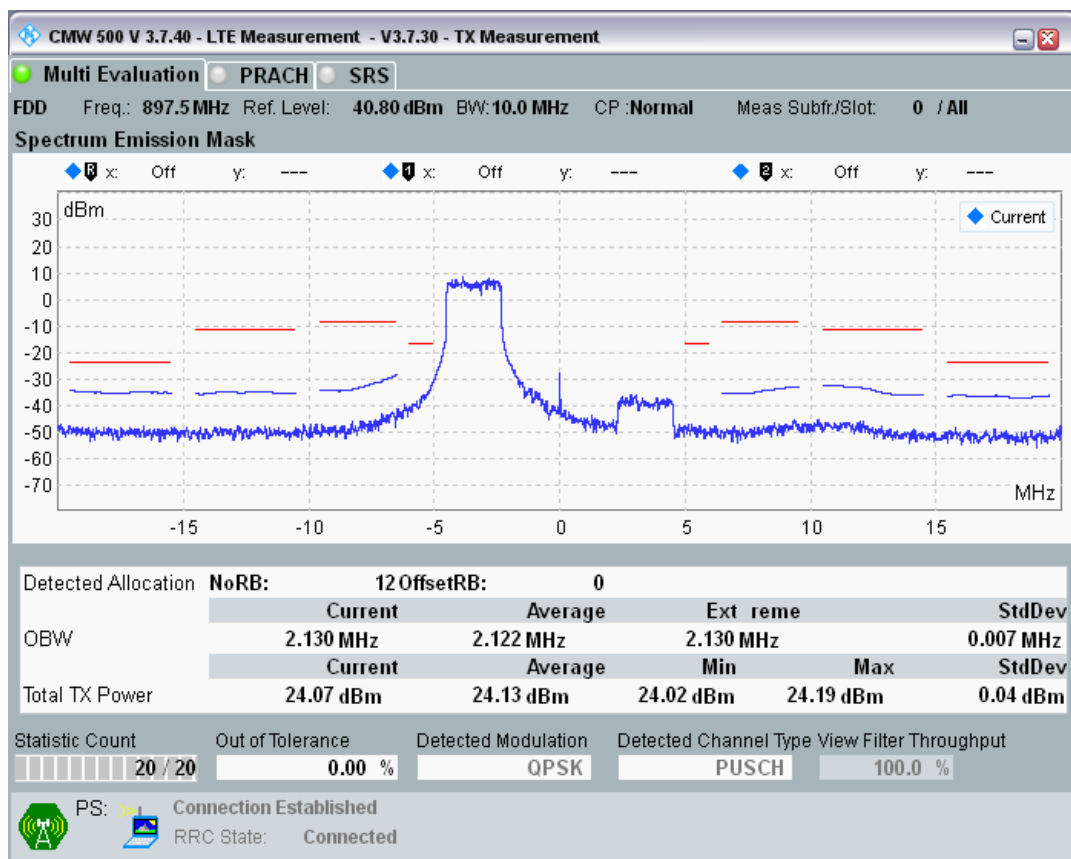
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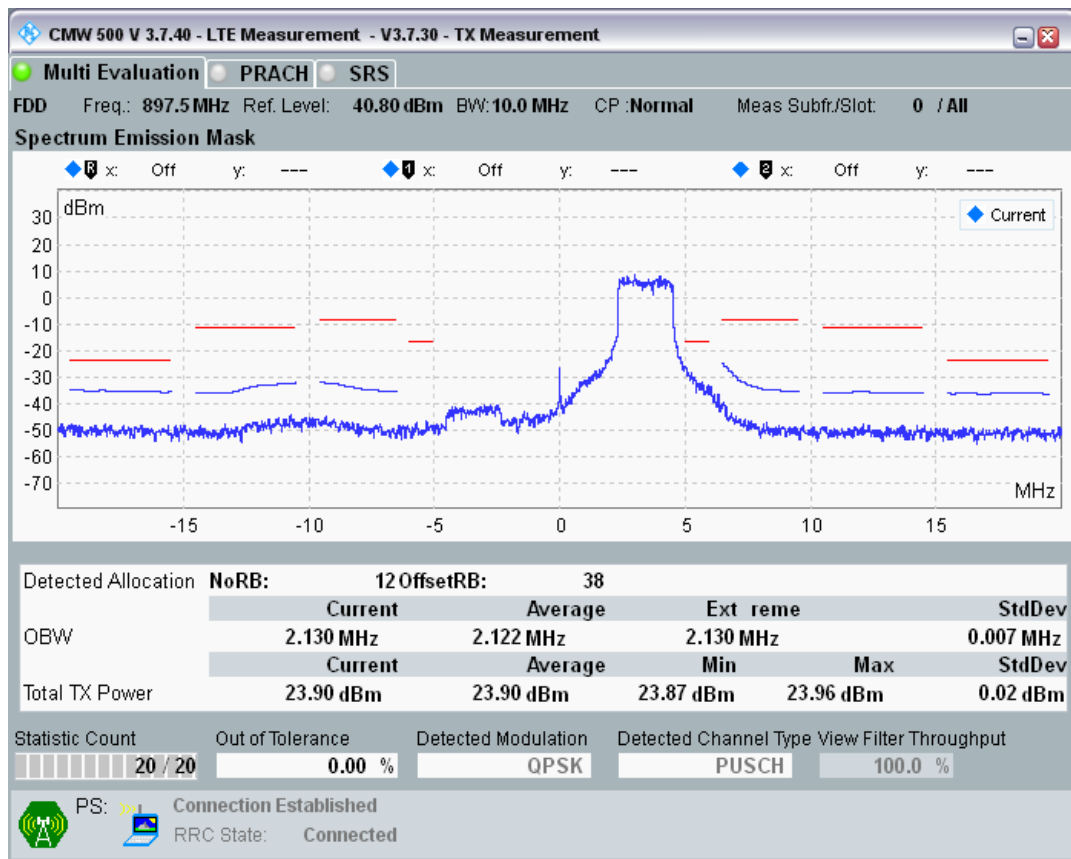
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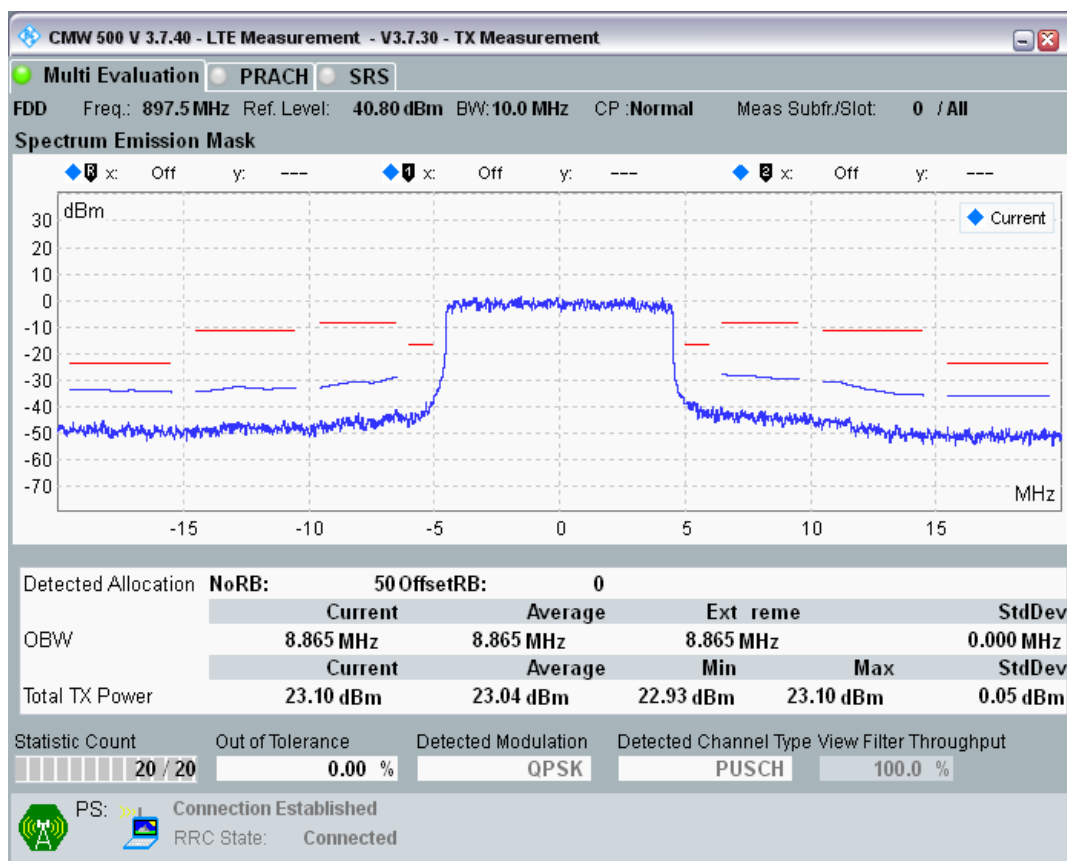
Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#0.png



Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#Max.png

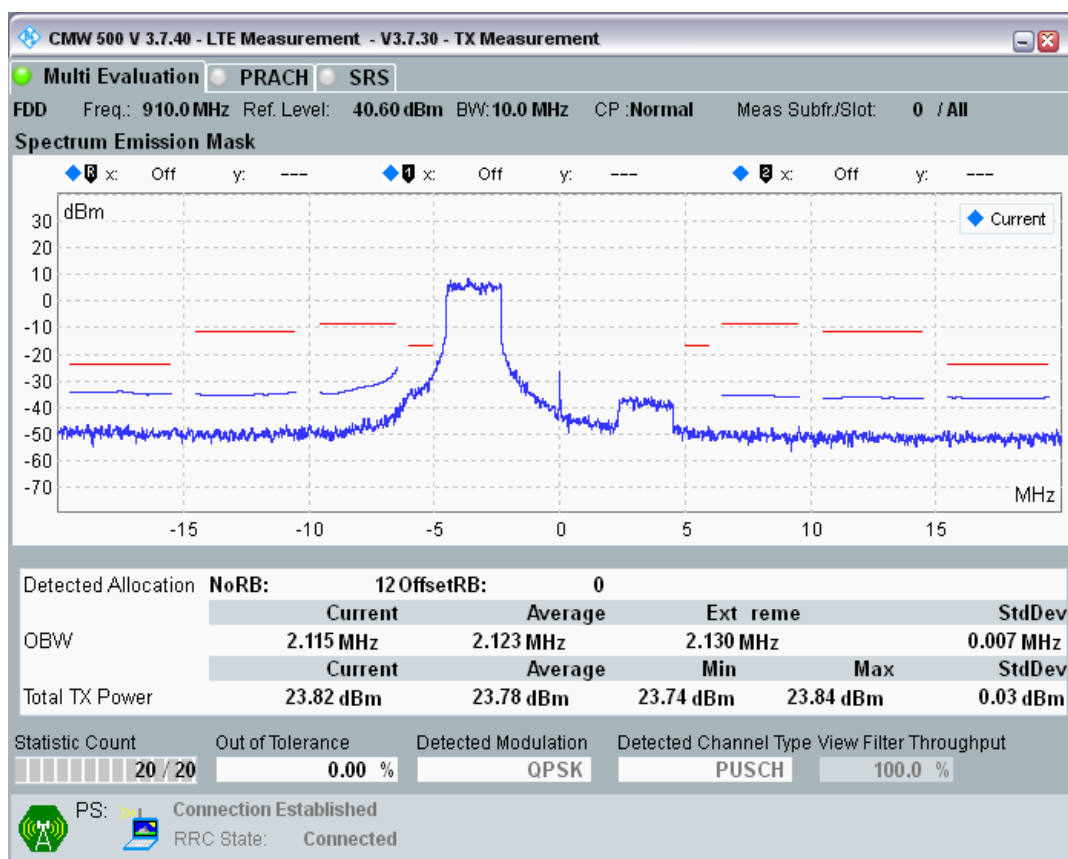


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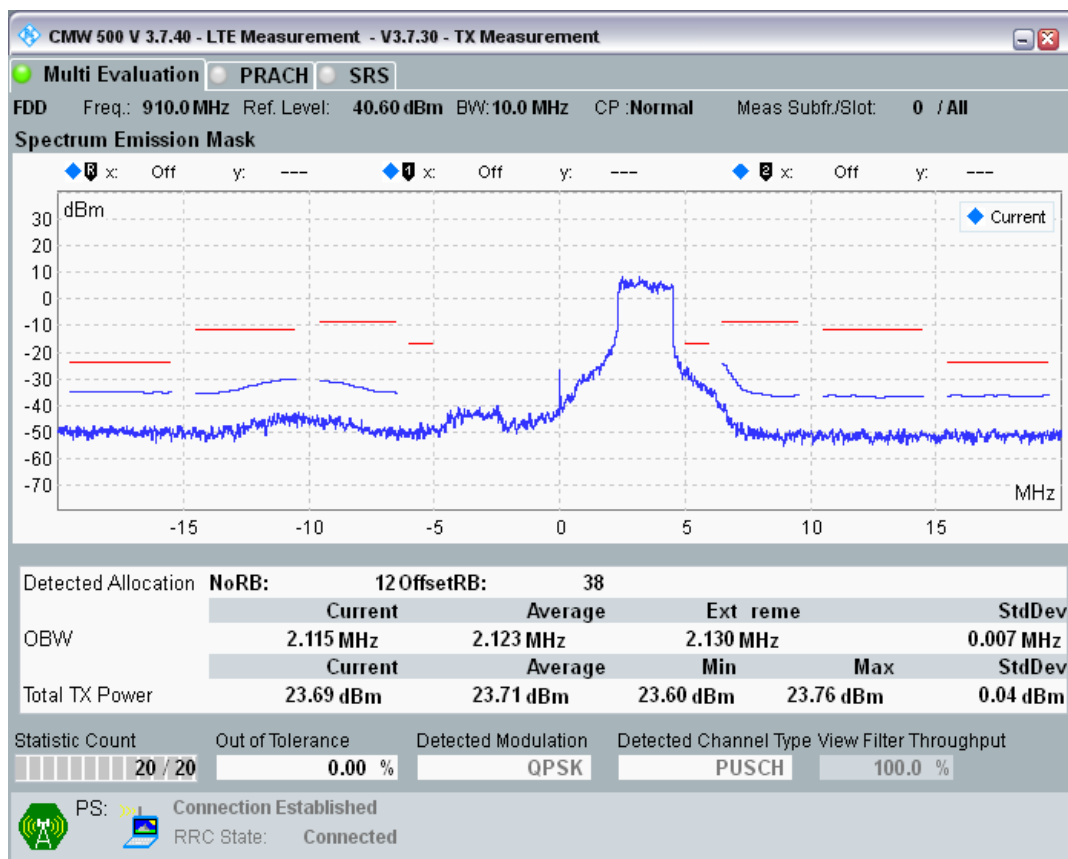


Band8 QPSK BW=10MHz Channel=21750 RB Size=12 Position=#0.png

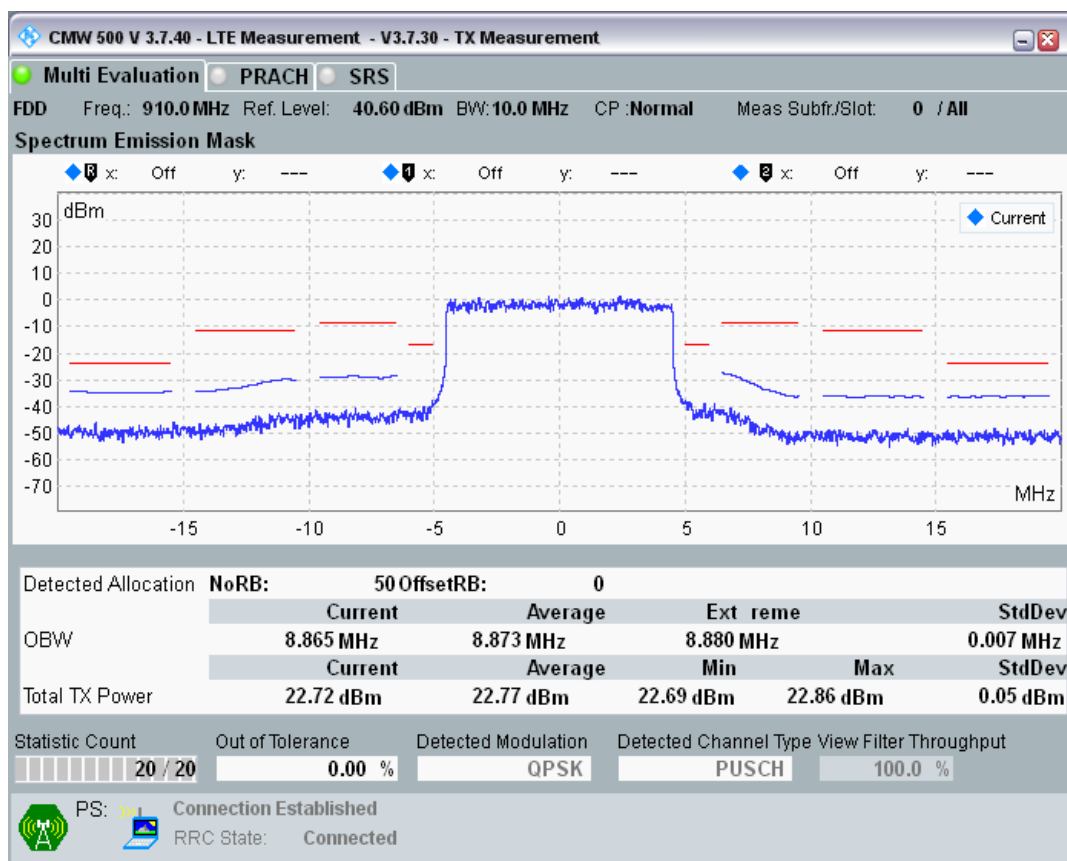




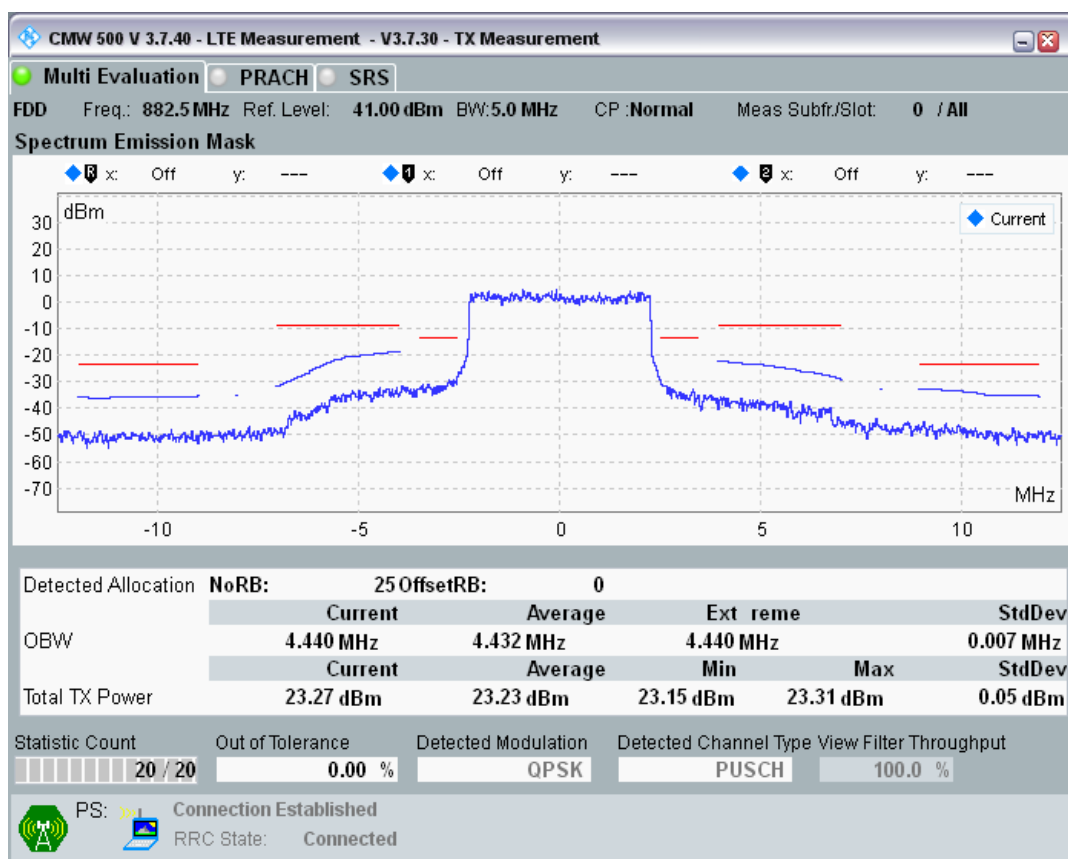
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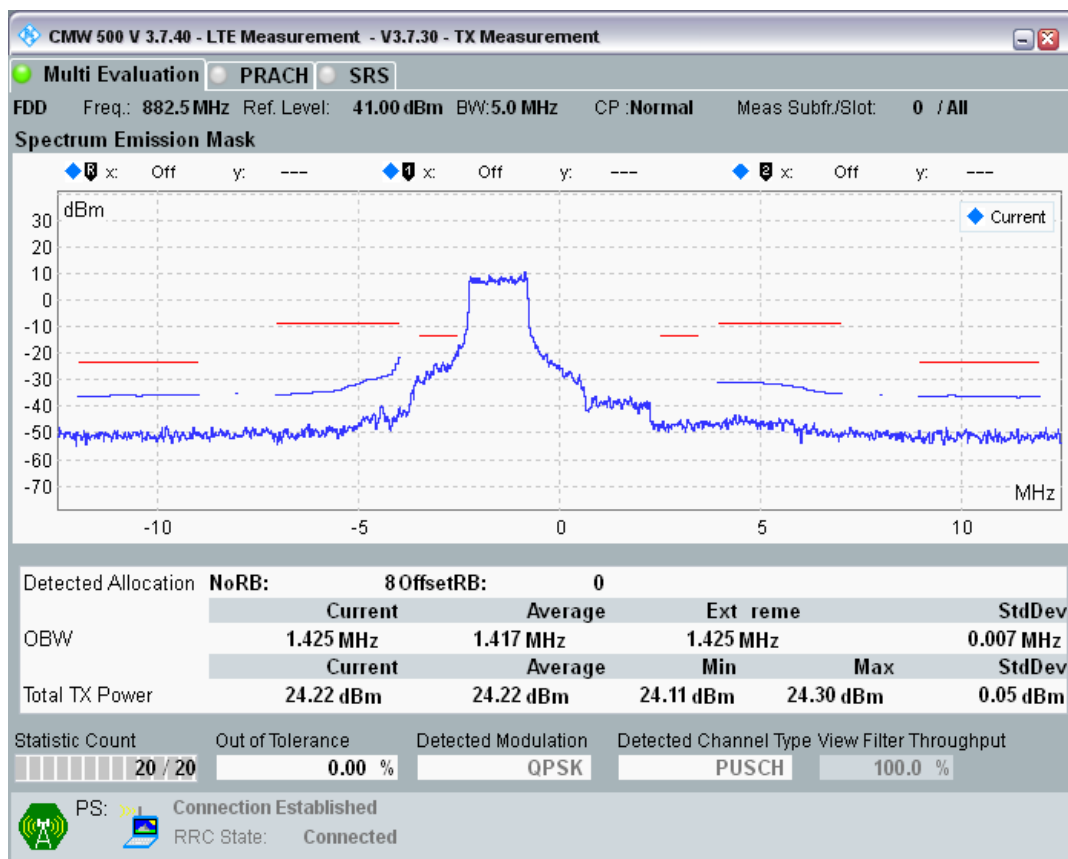
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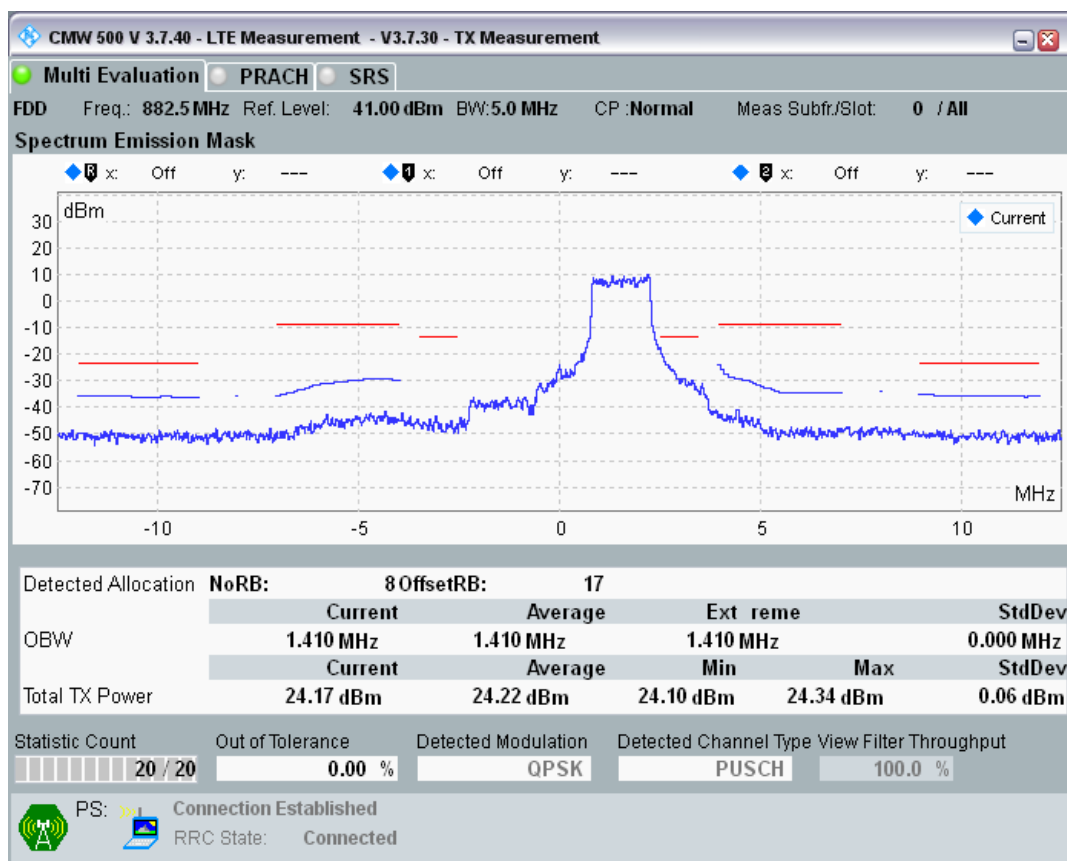
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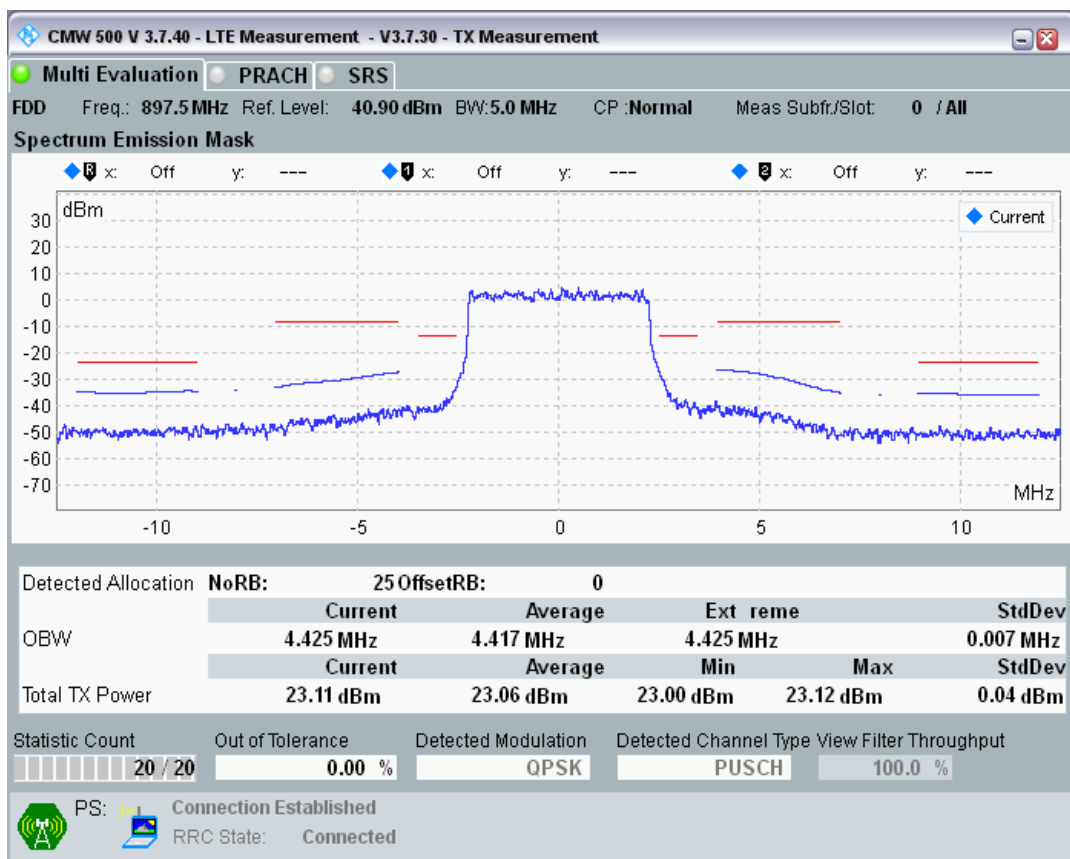
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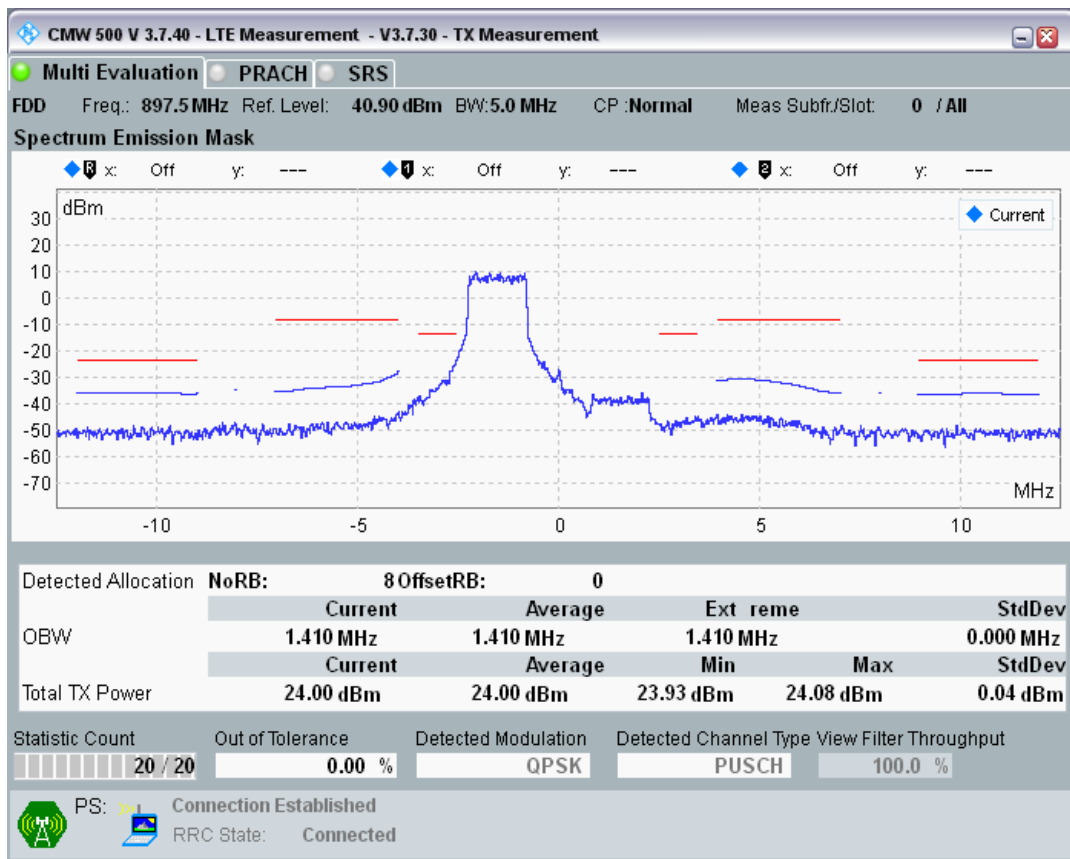
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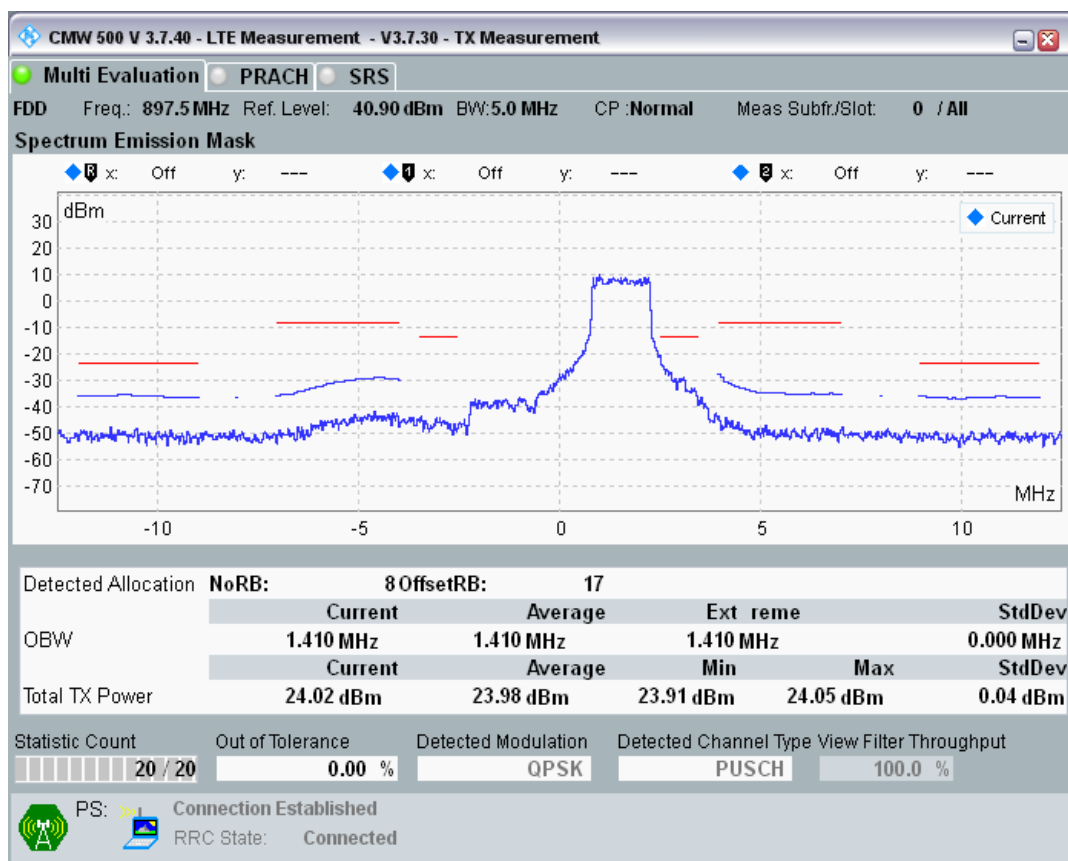
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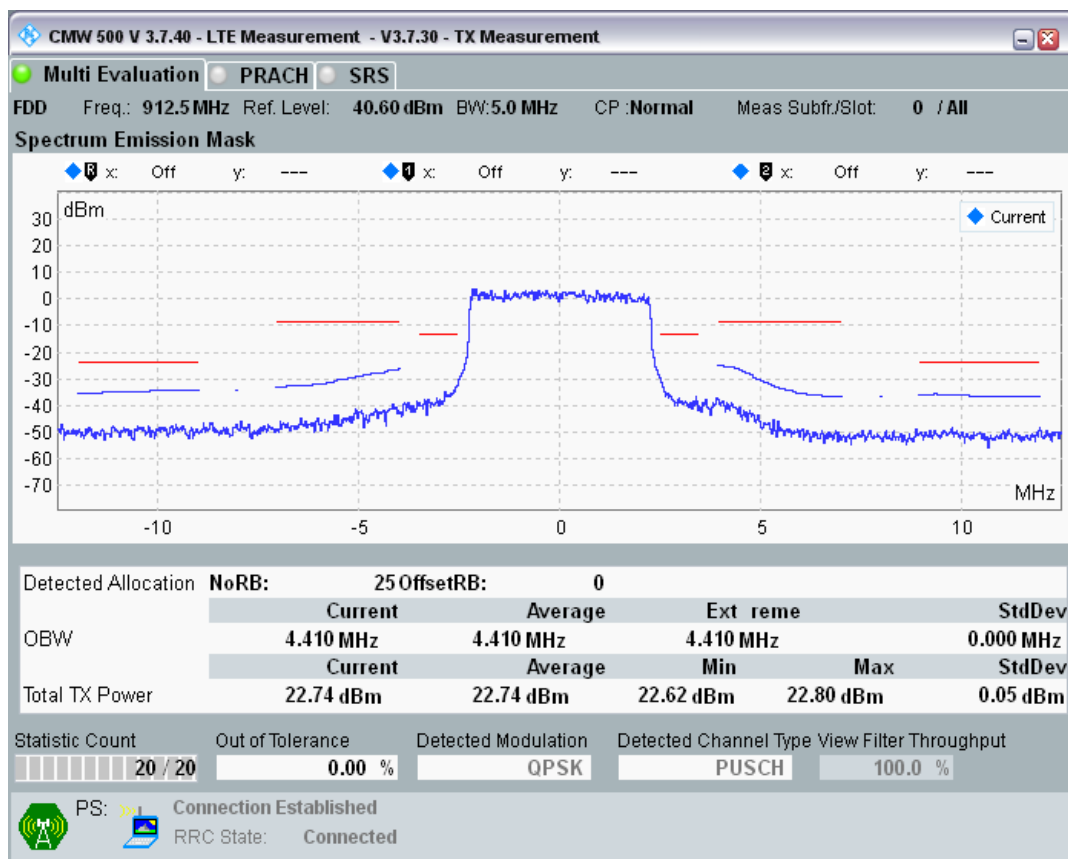
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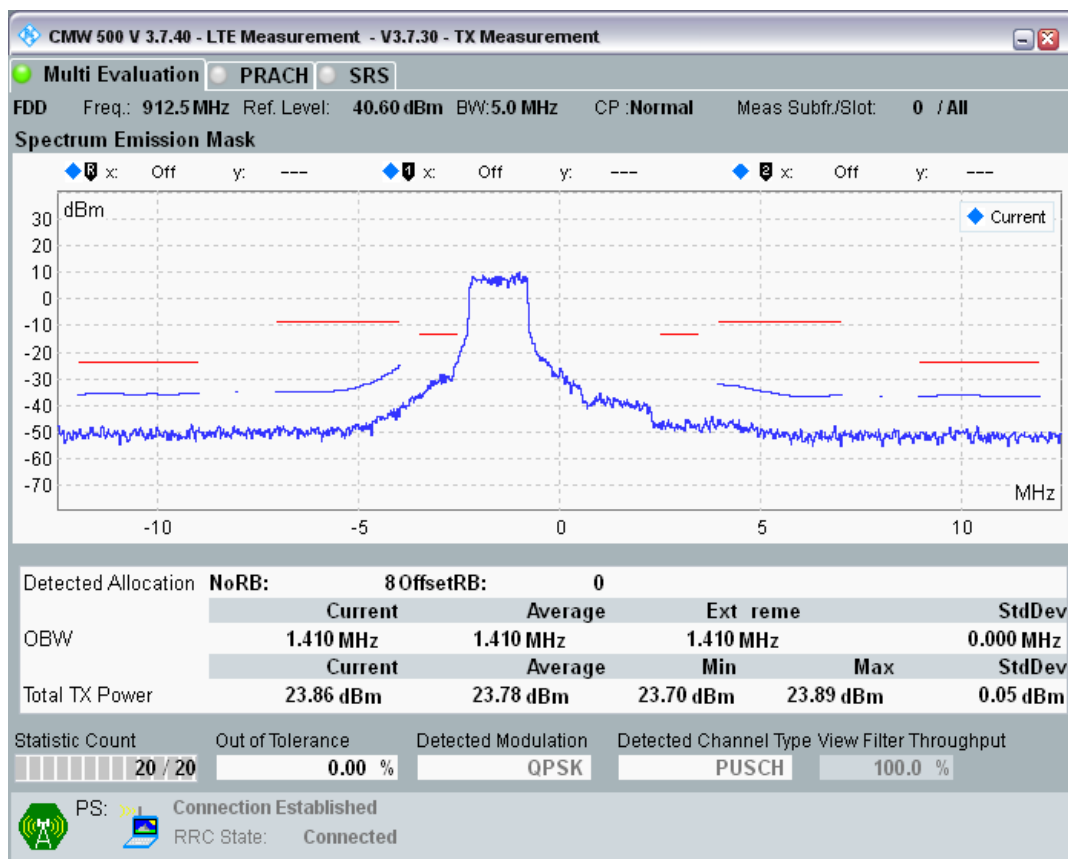
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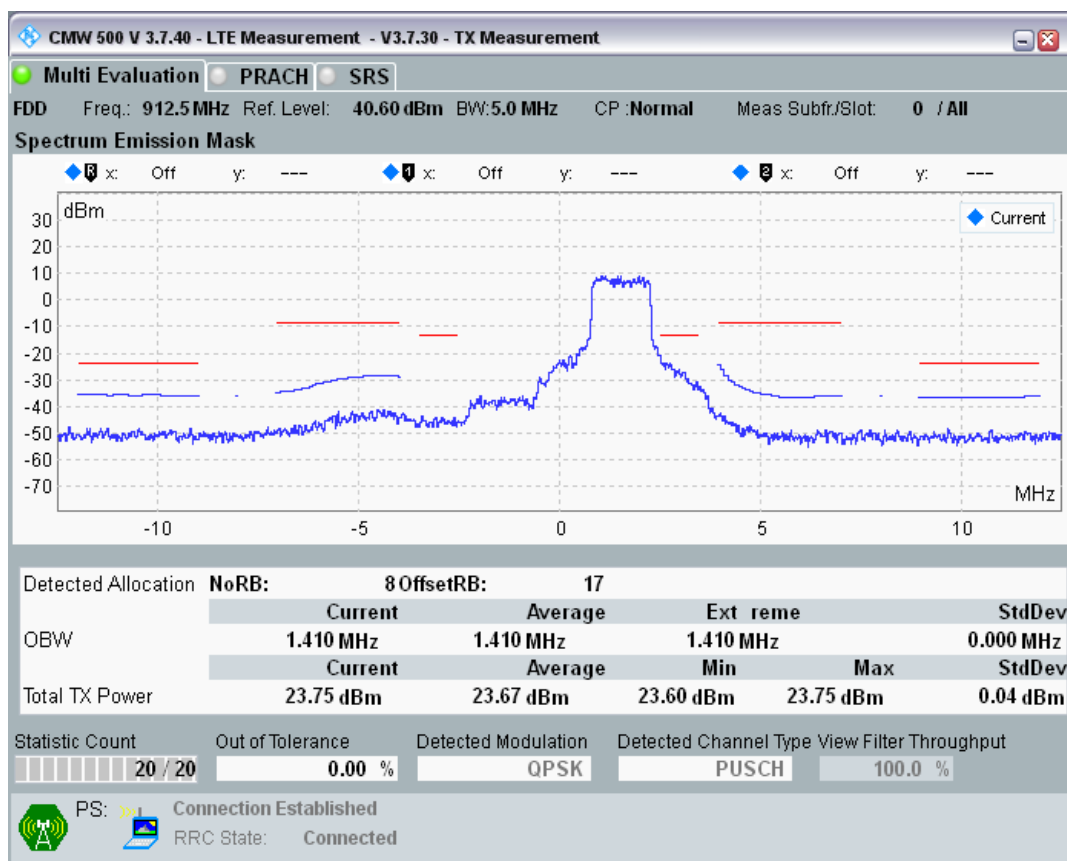
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Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#0.png

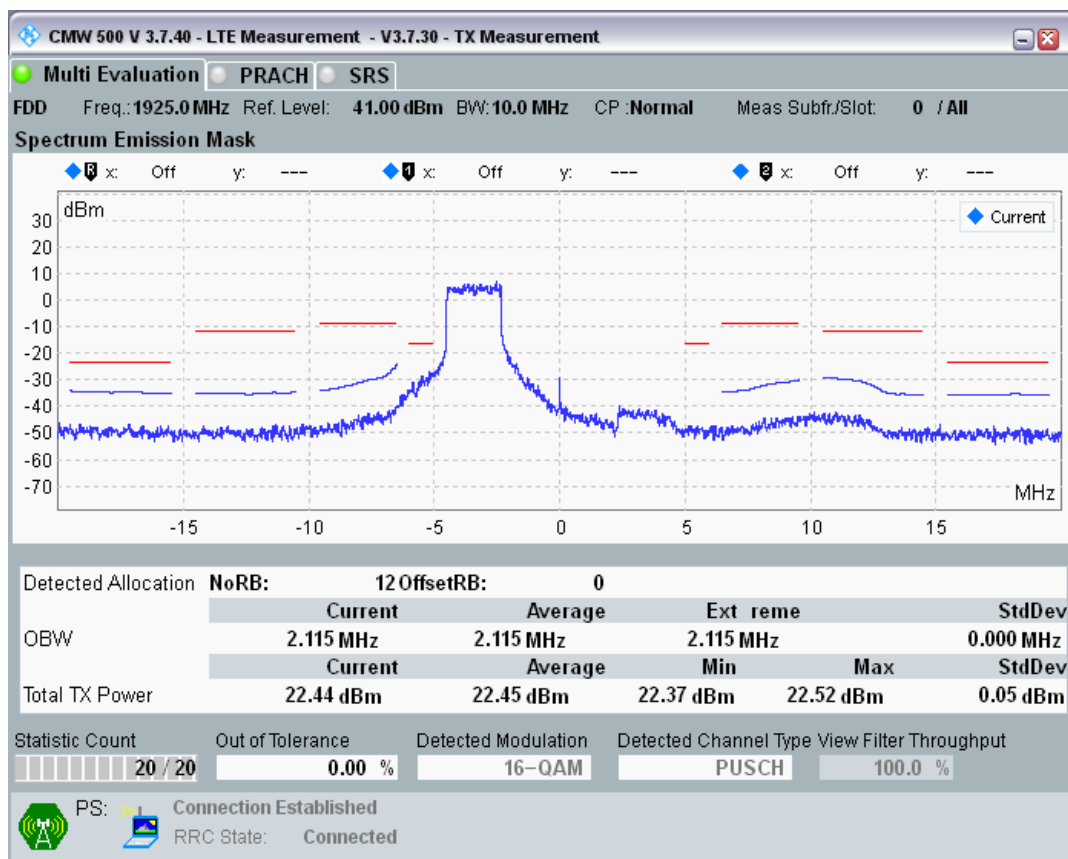


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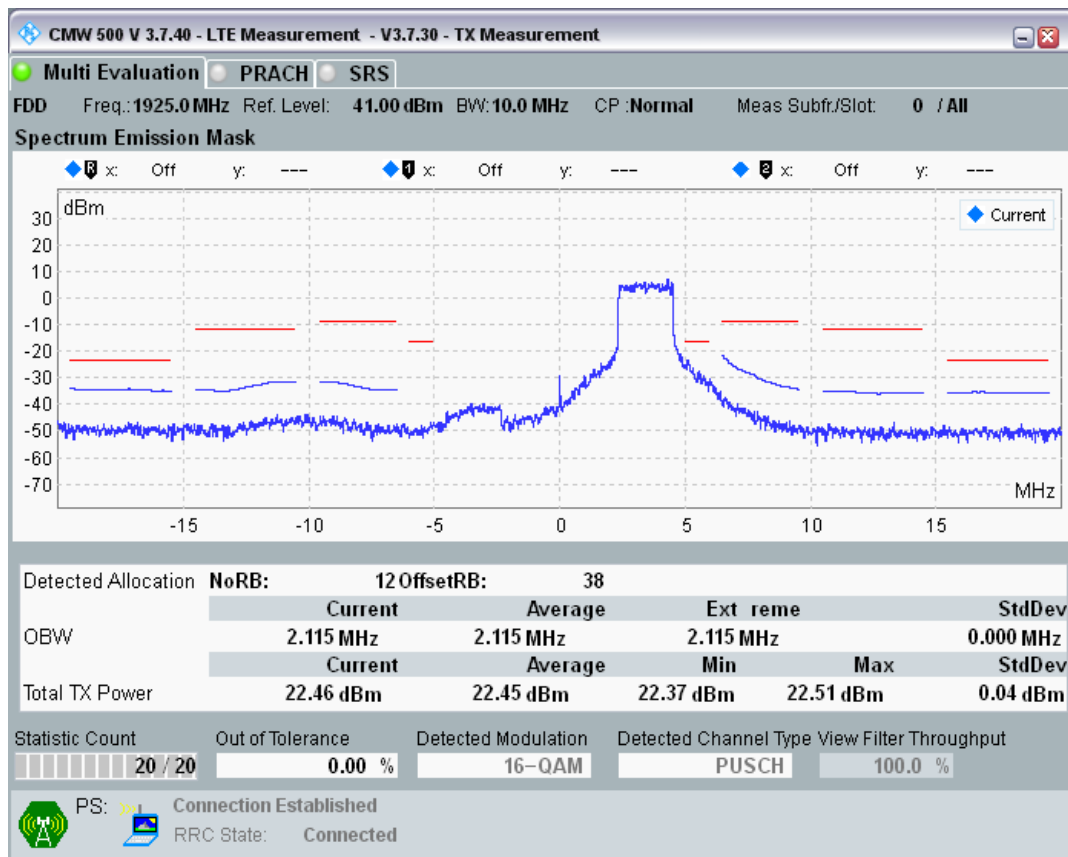


Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png

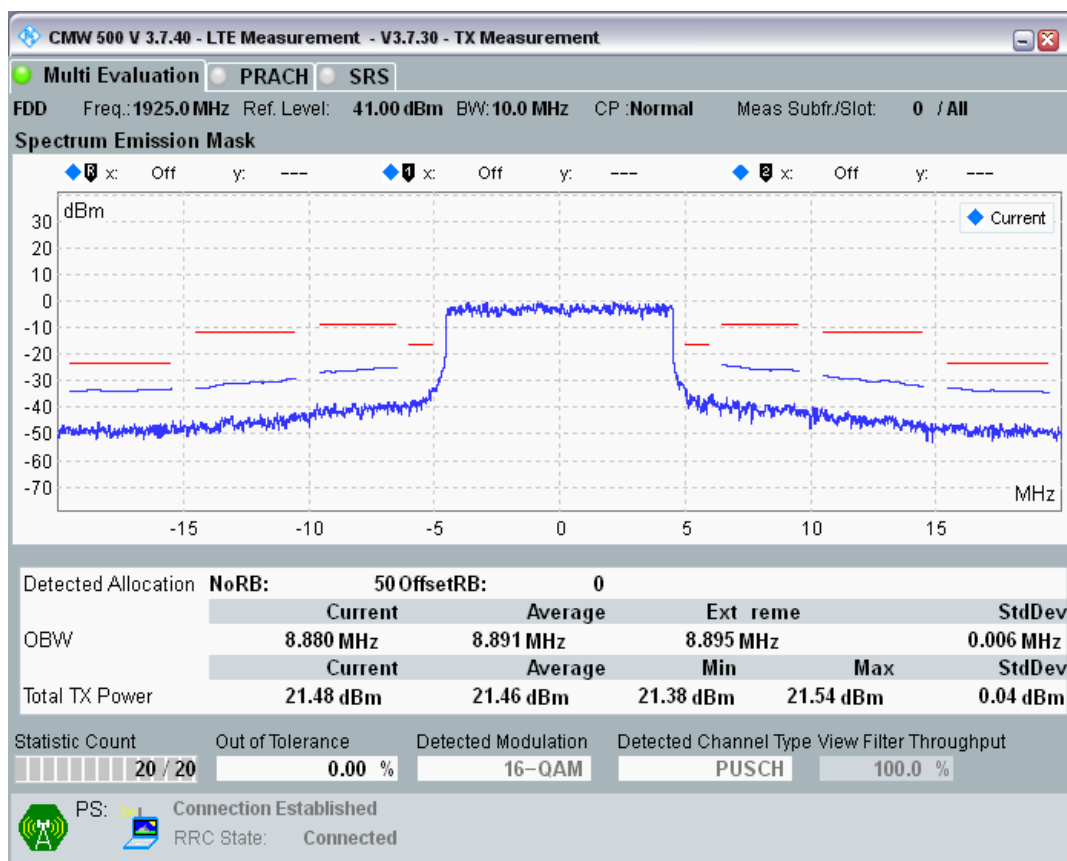




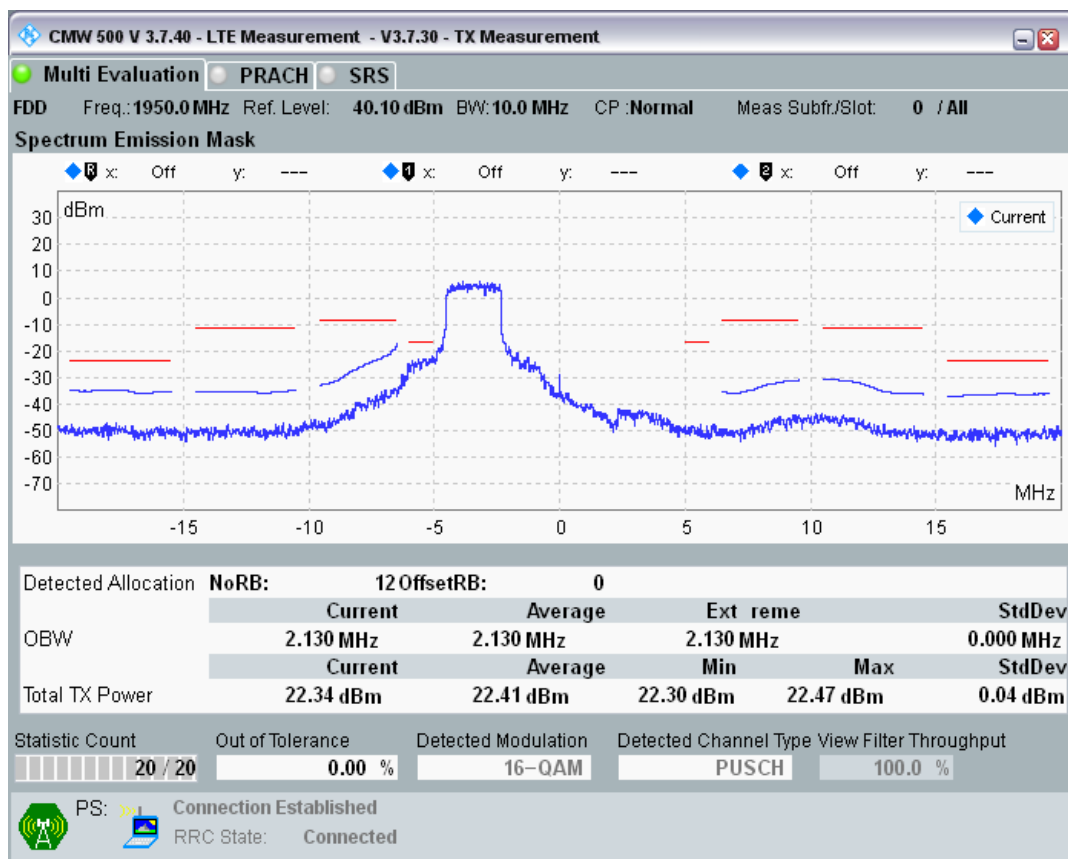
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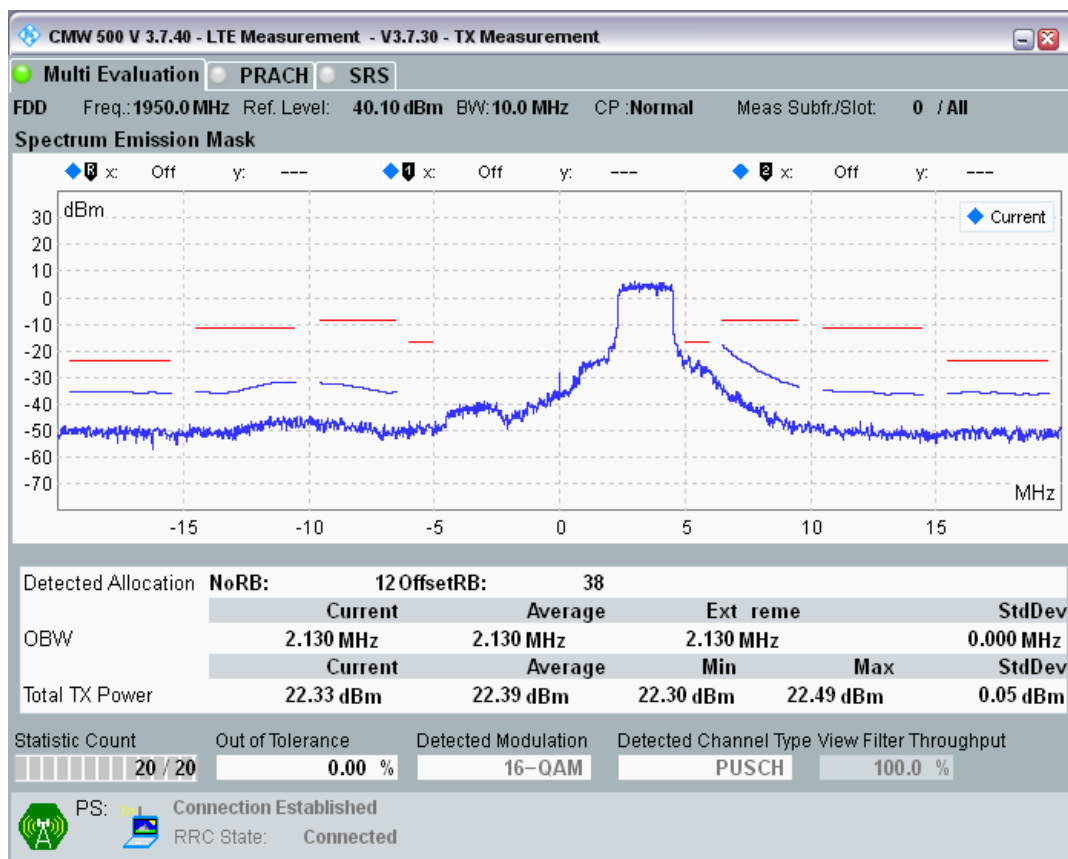
Band1 QAM16 BW=10MHz Channel=18050 RB Size=50 Position=#0.png



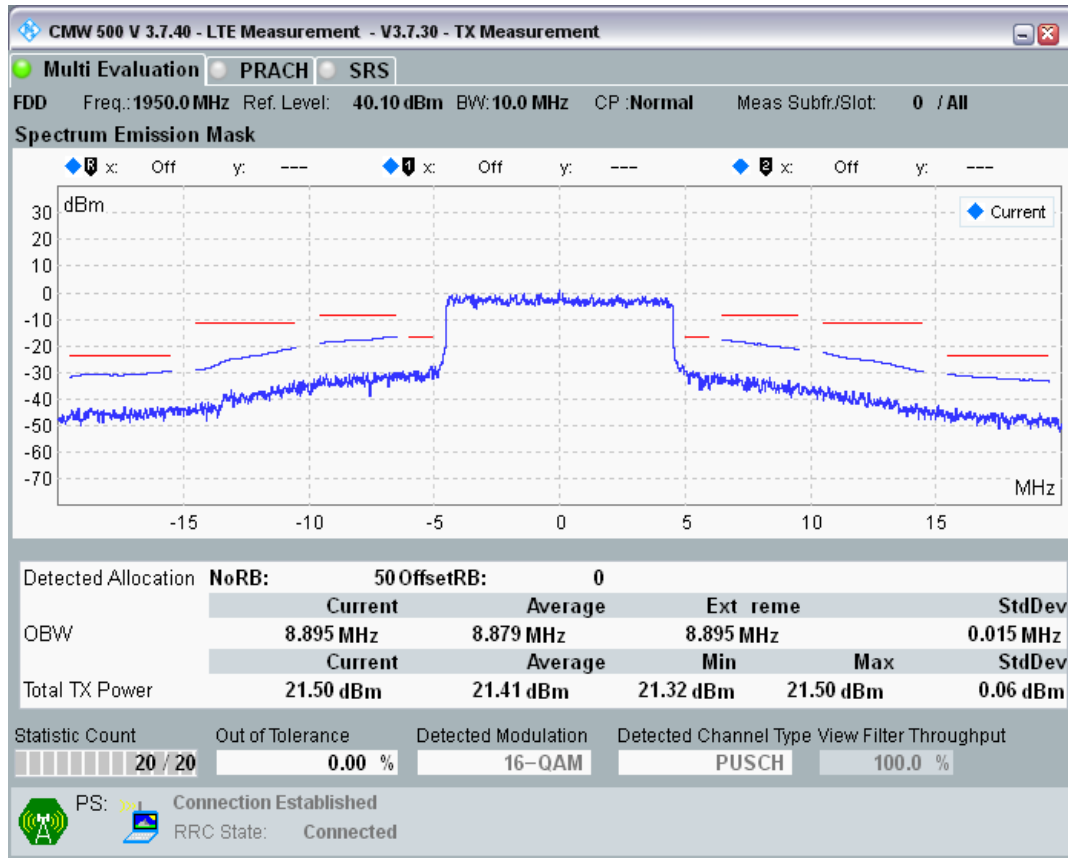
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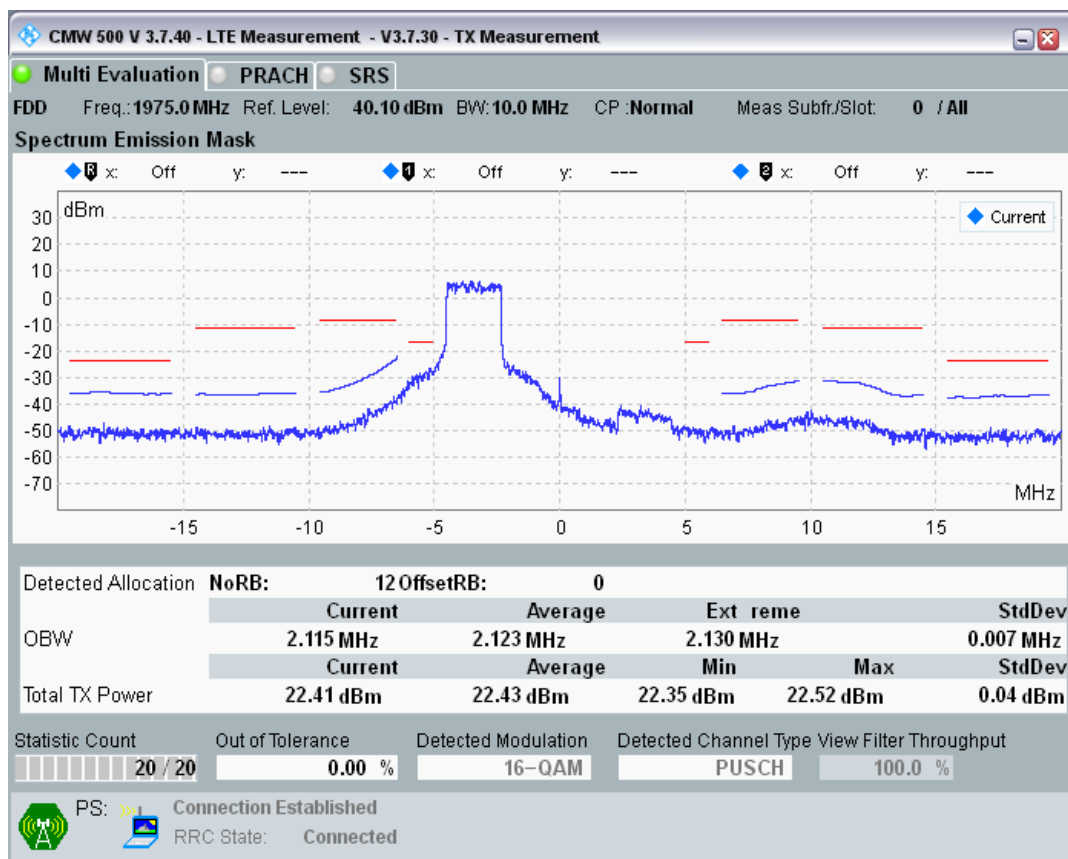
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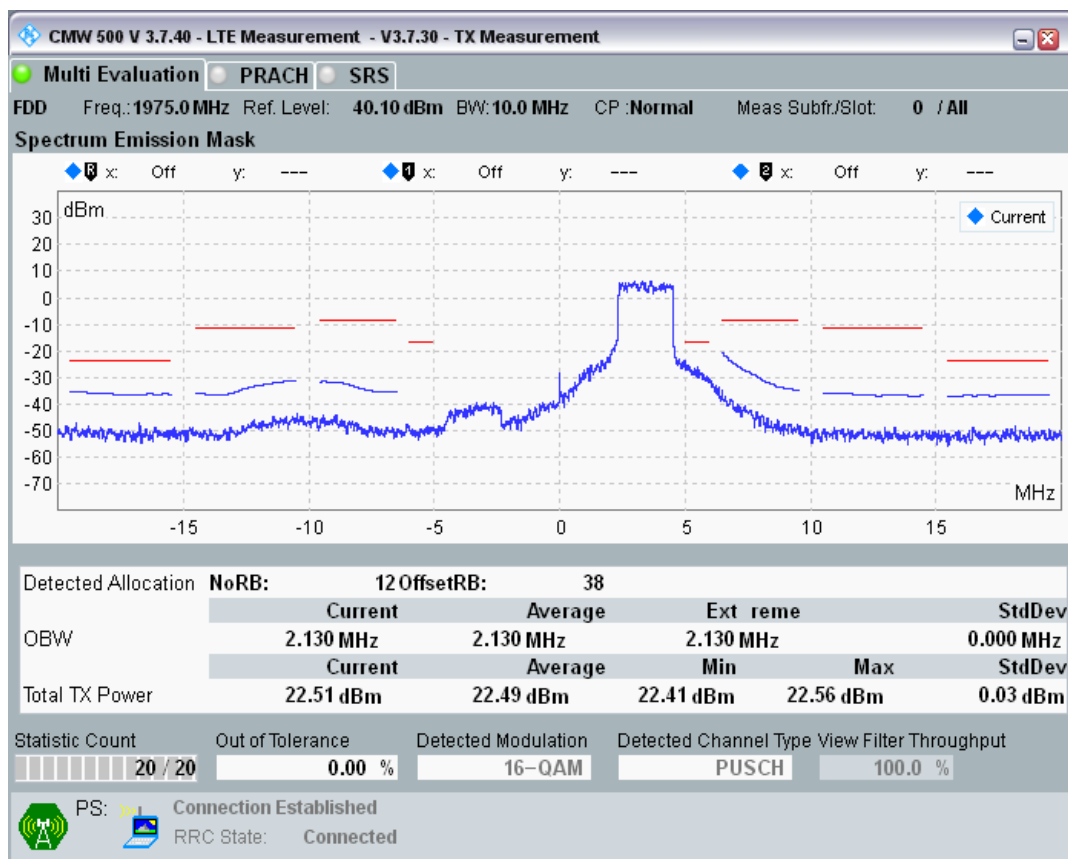
Band1 QAM16 BW=10MHz Channel=18300 RB Size=50 Position=#0.png



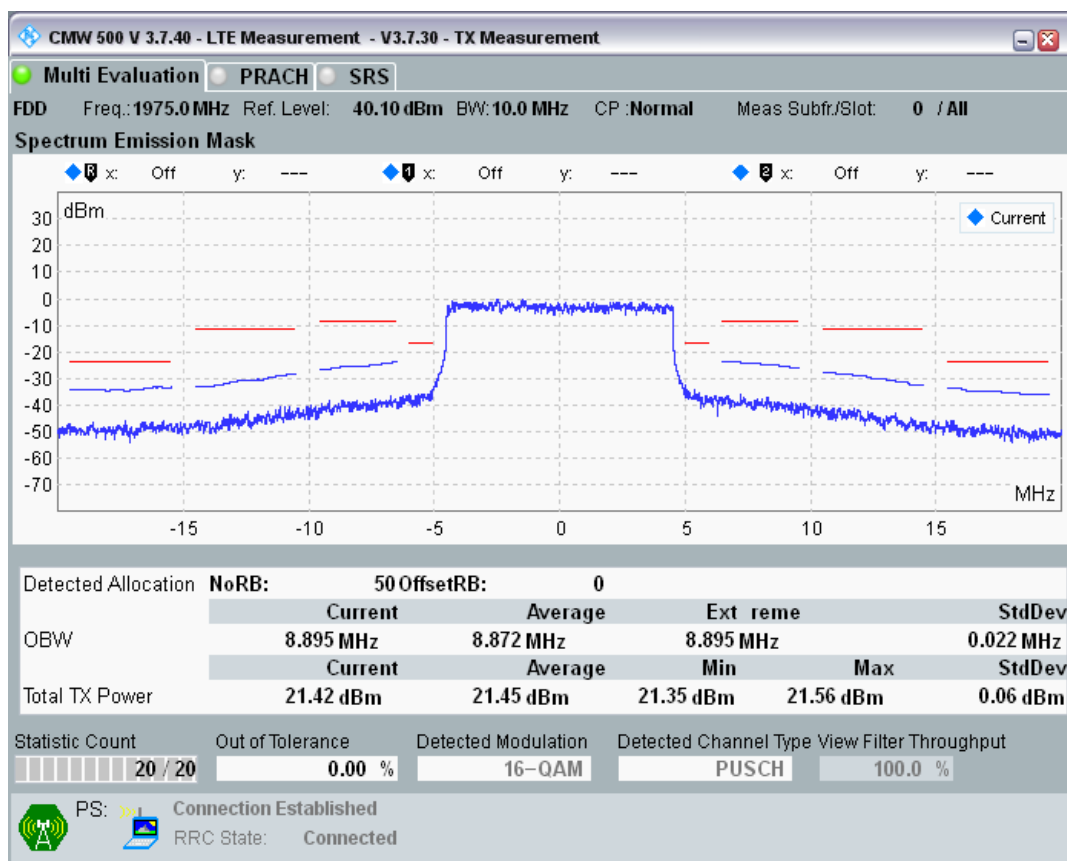
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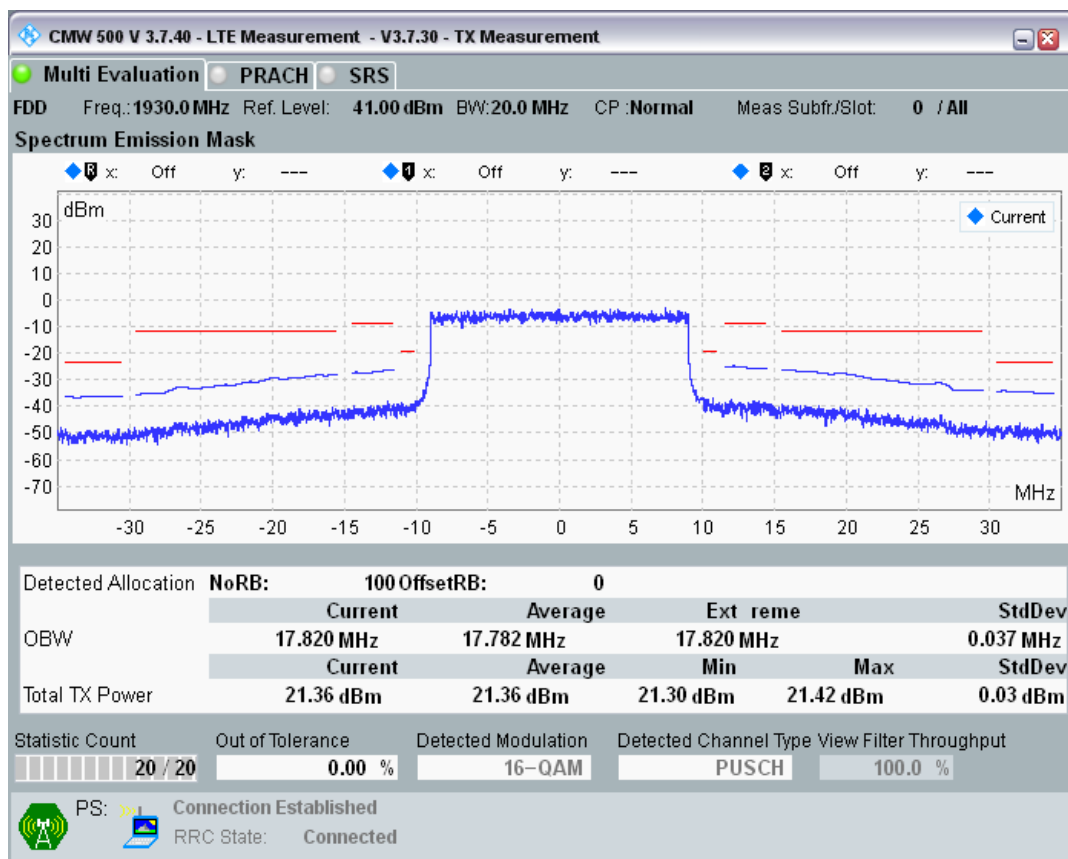
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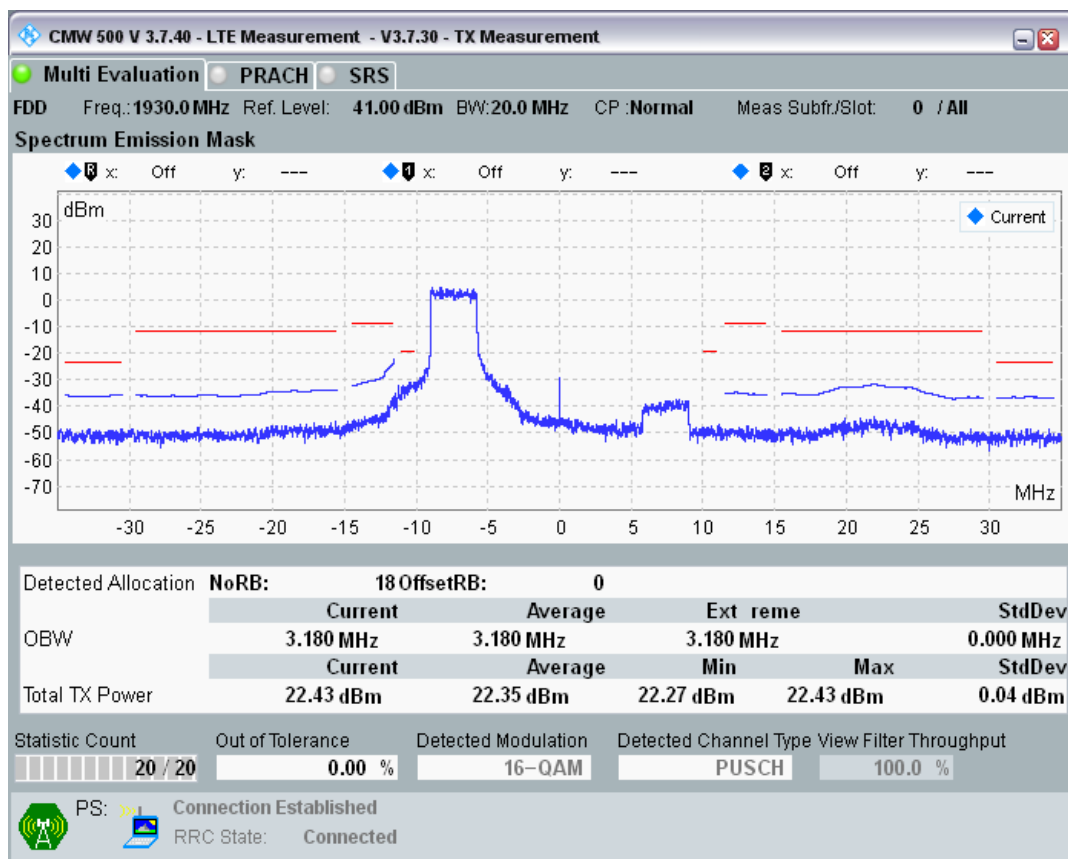
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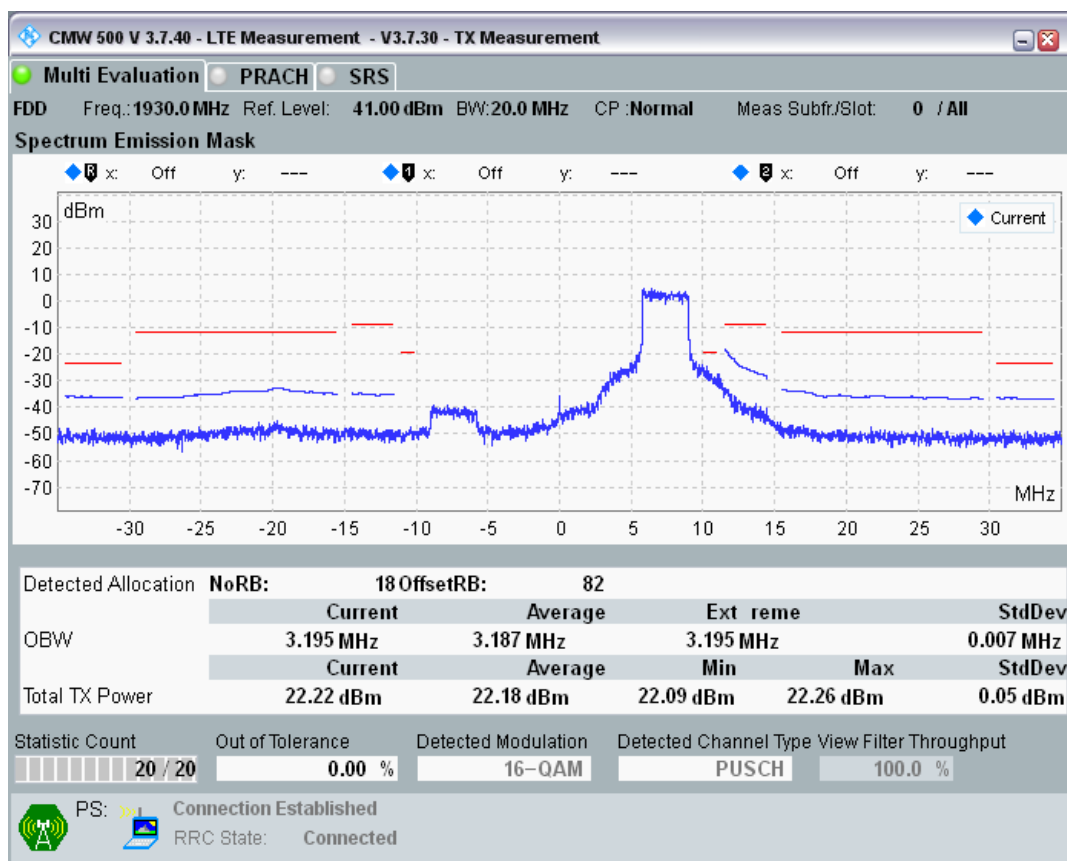
Band1 QAM16 BW=20MHz Channel=18100 RB Size=100 Position=#0.png



Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#0.png

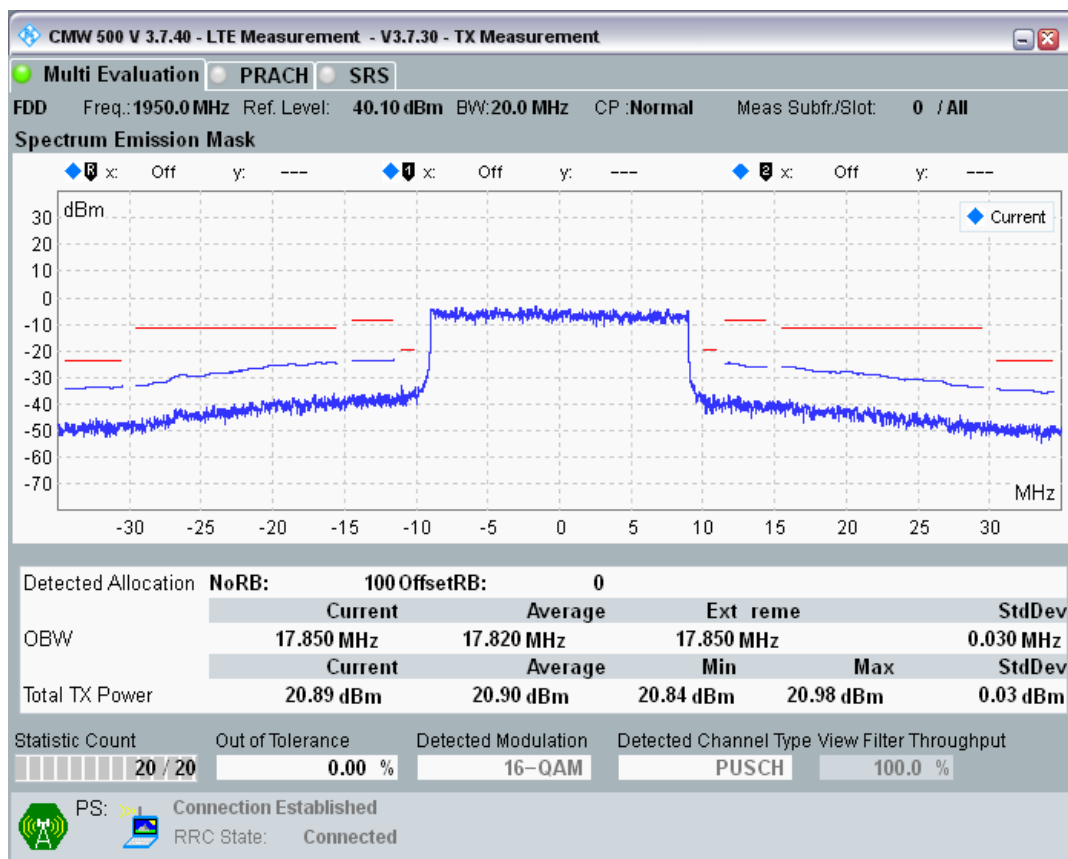


Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#Max.png

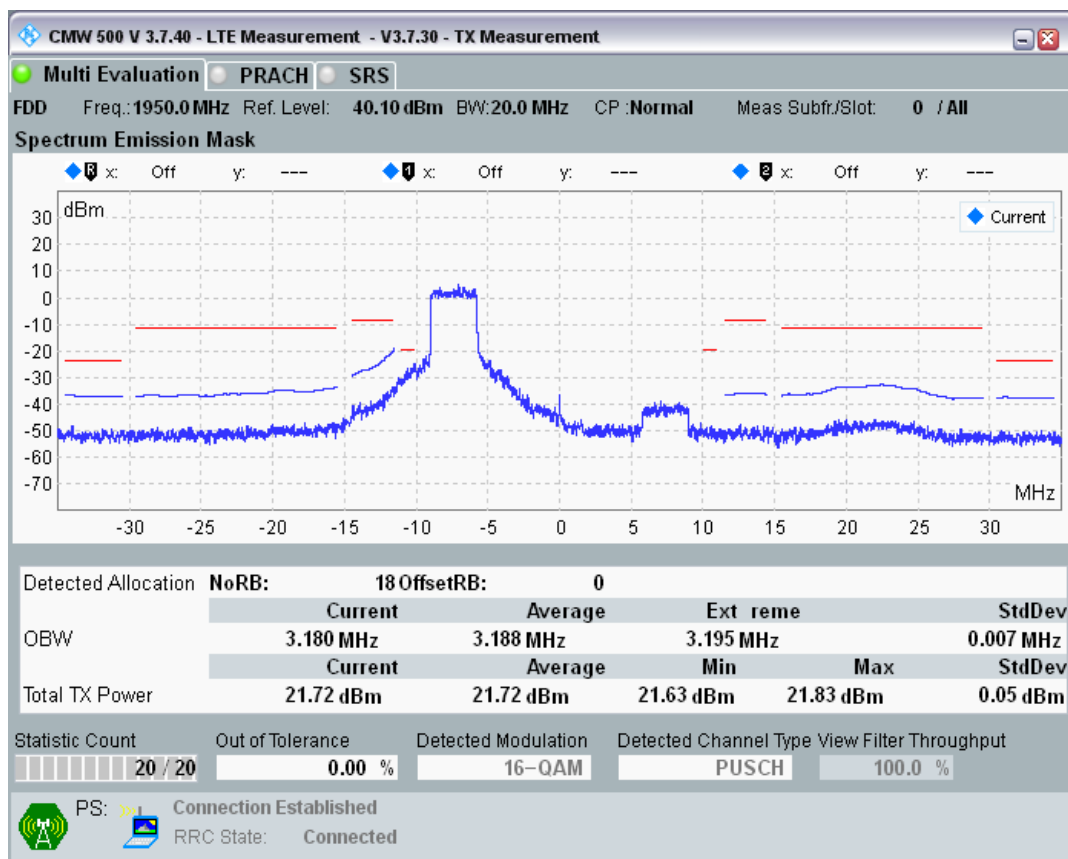


Band1 QAM16 BW=20MHz Channel=18300 RB Size=100 Position=#0.png

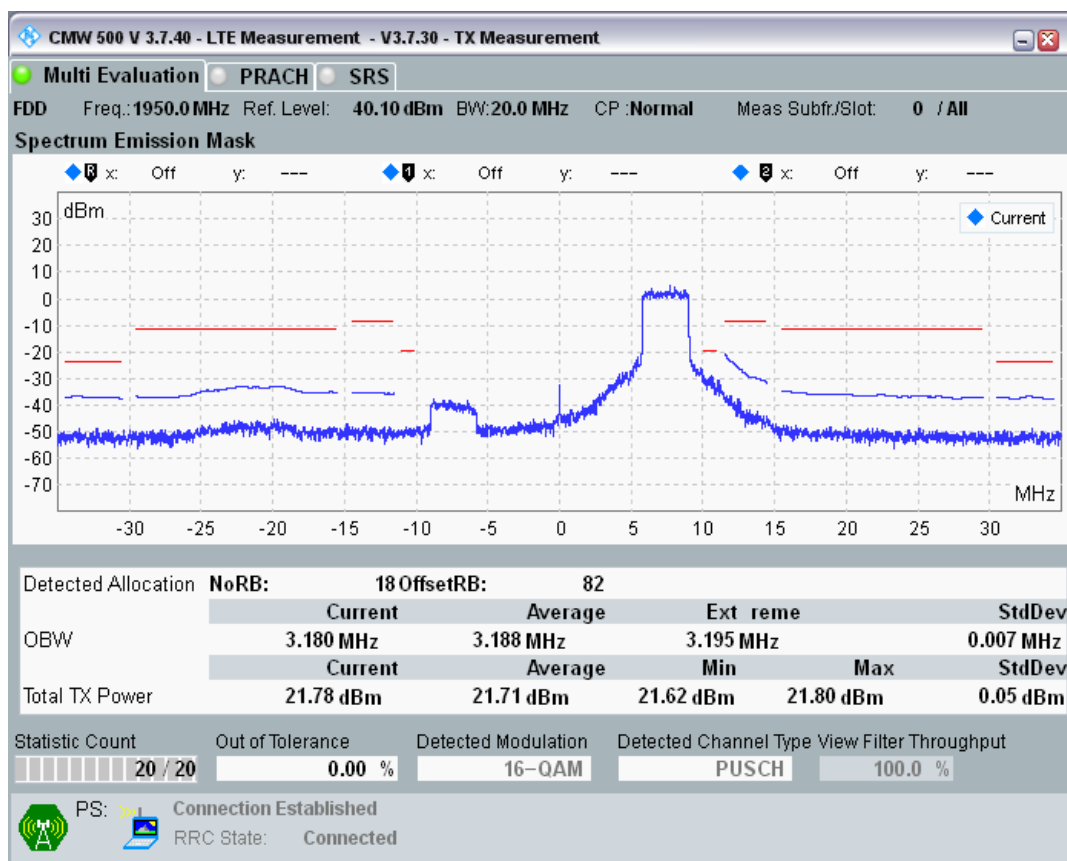




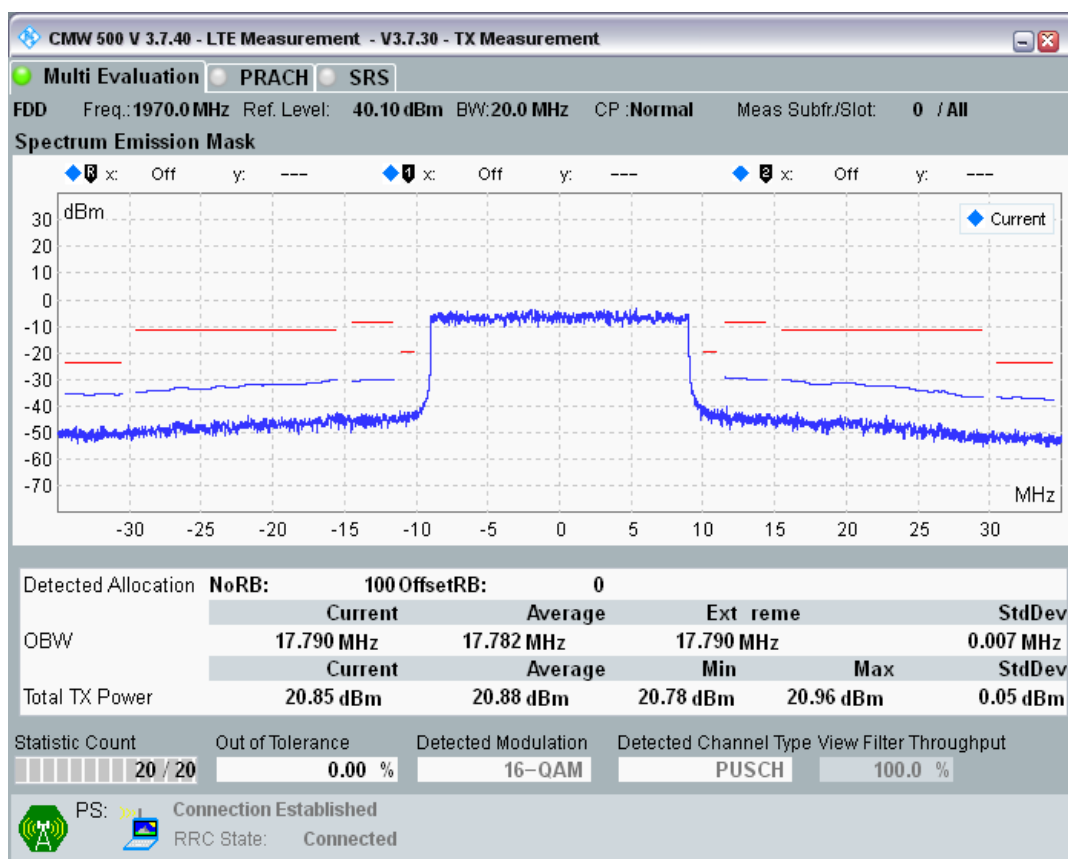
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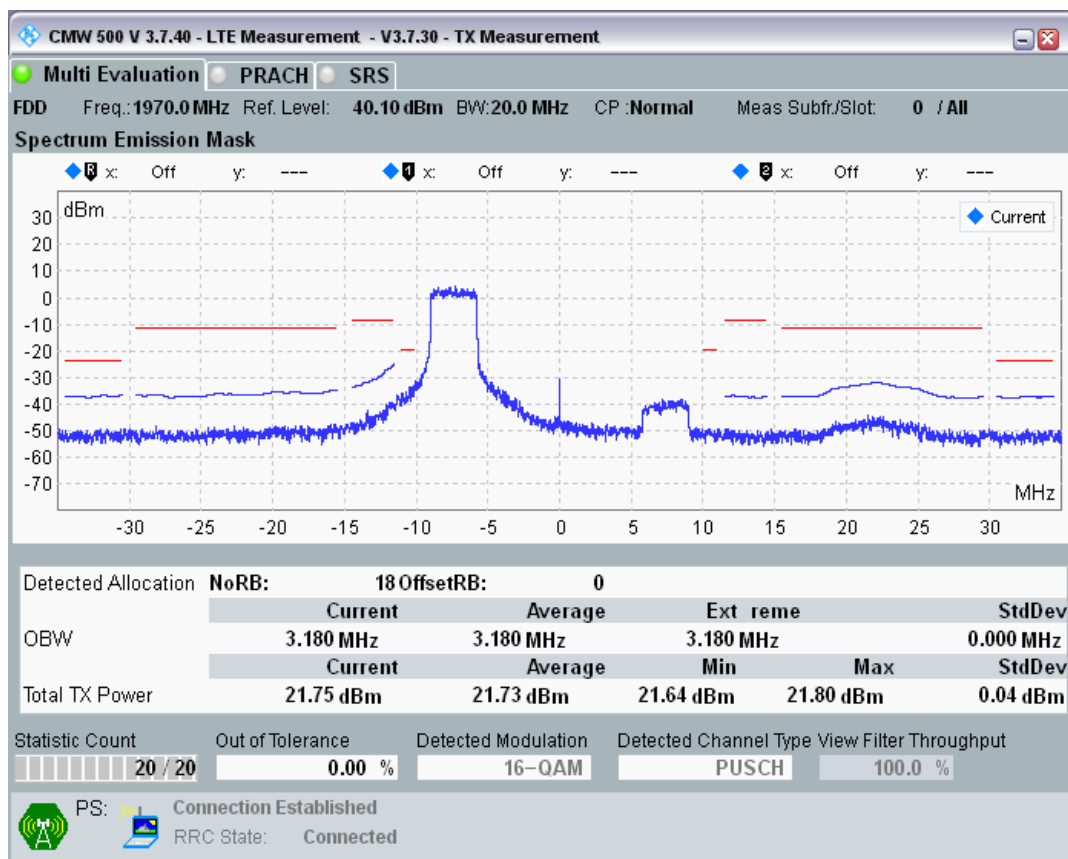
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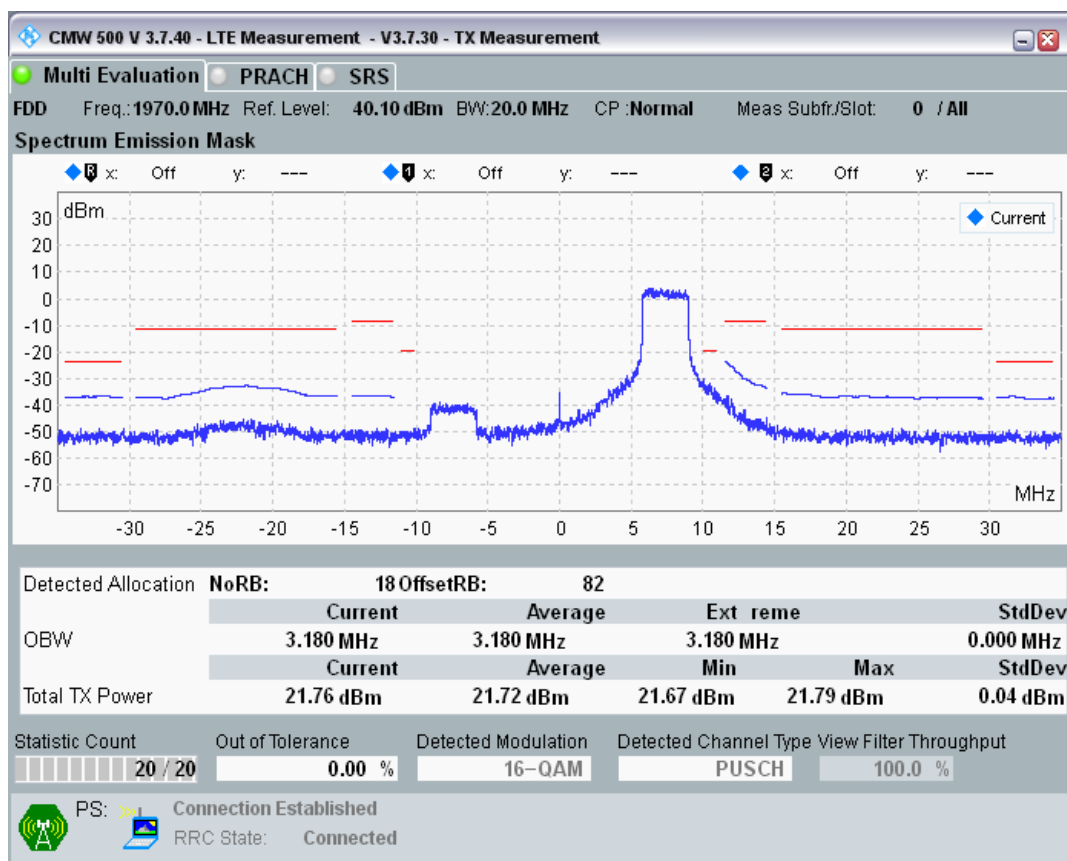
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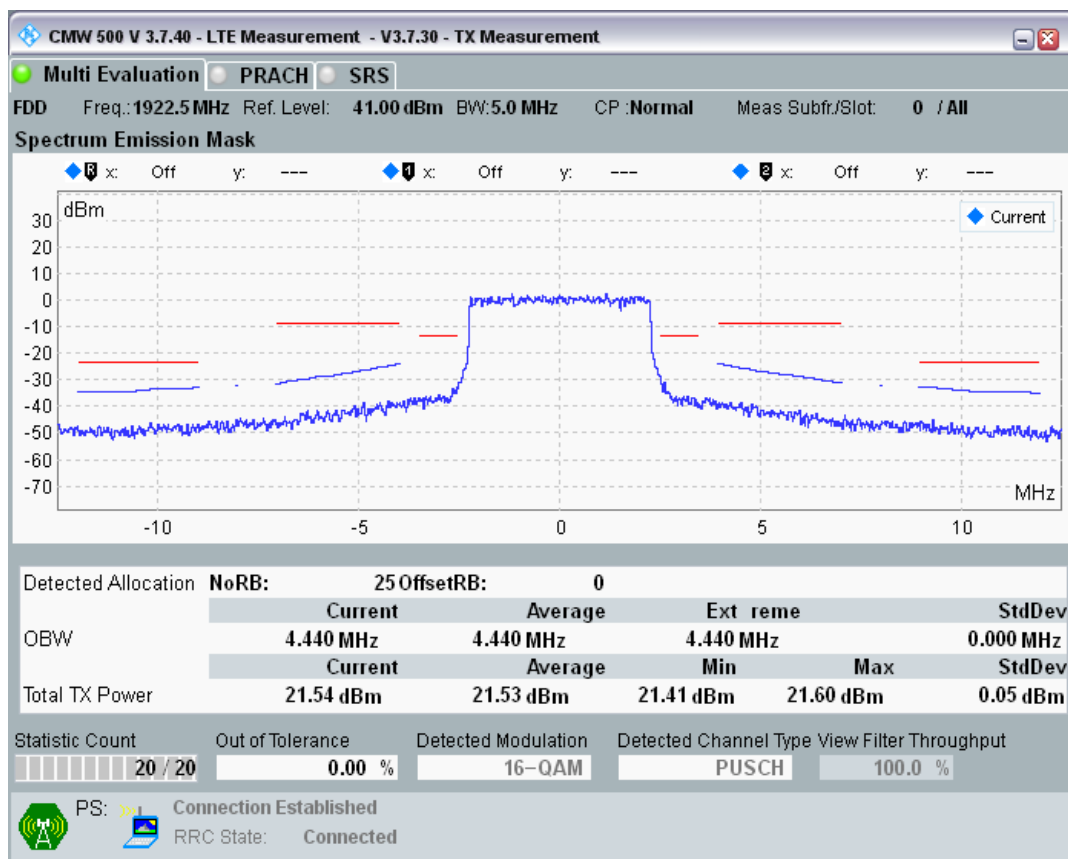
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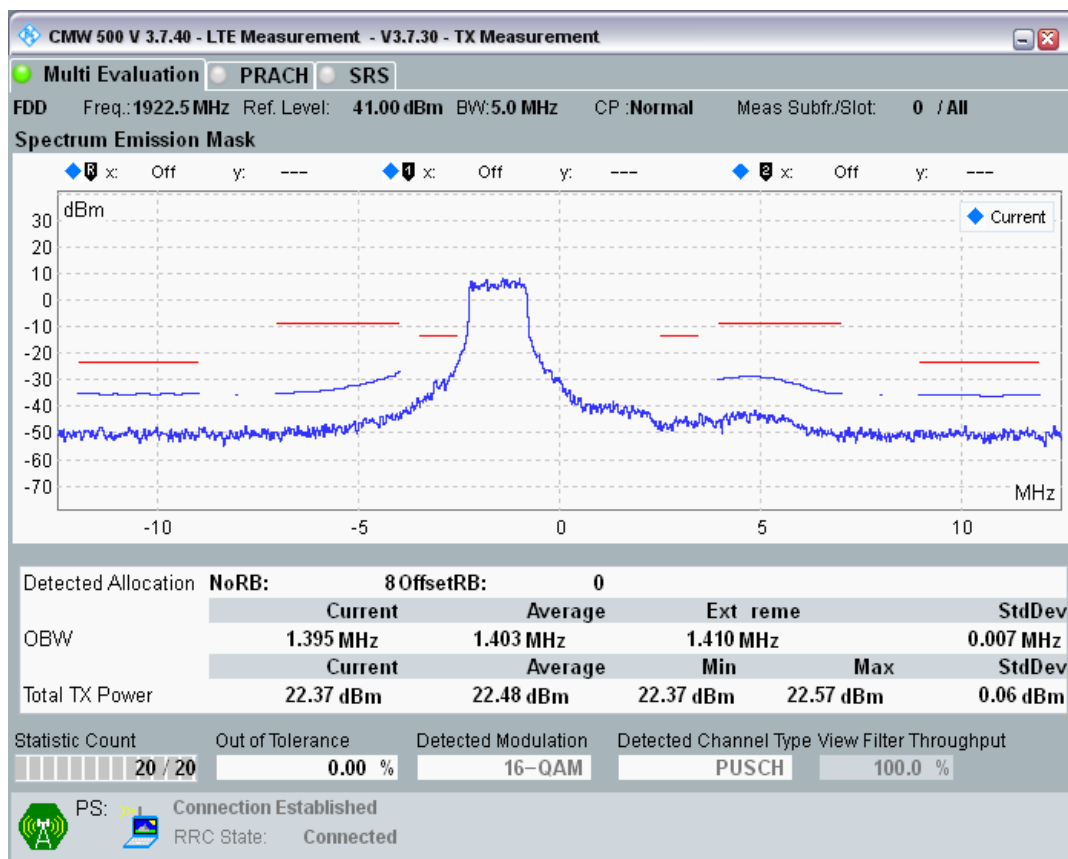
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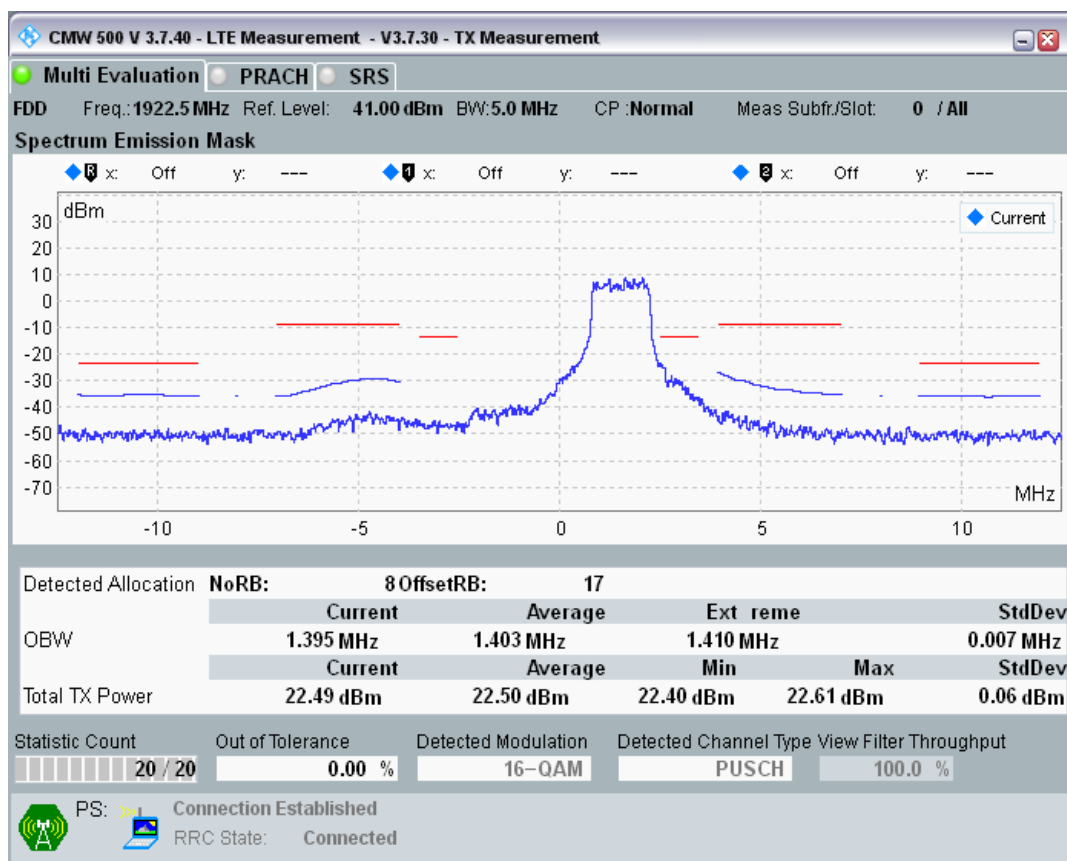
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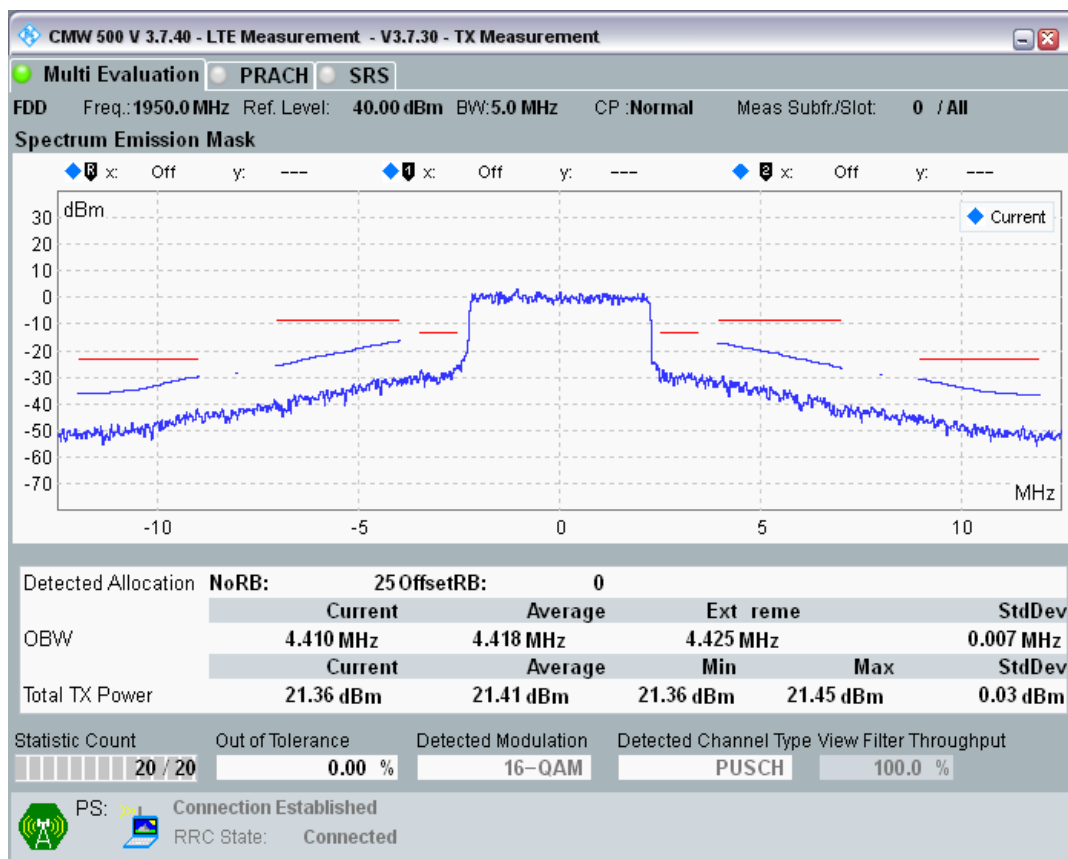
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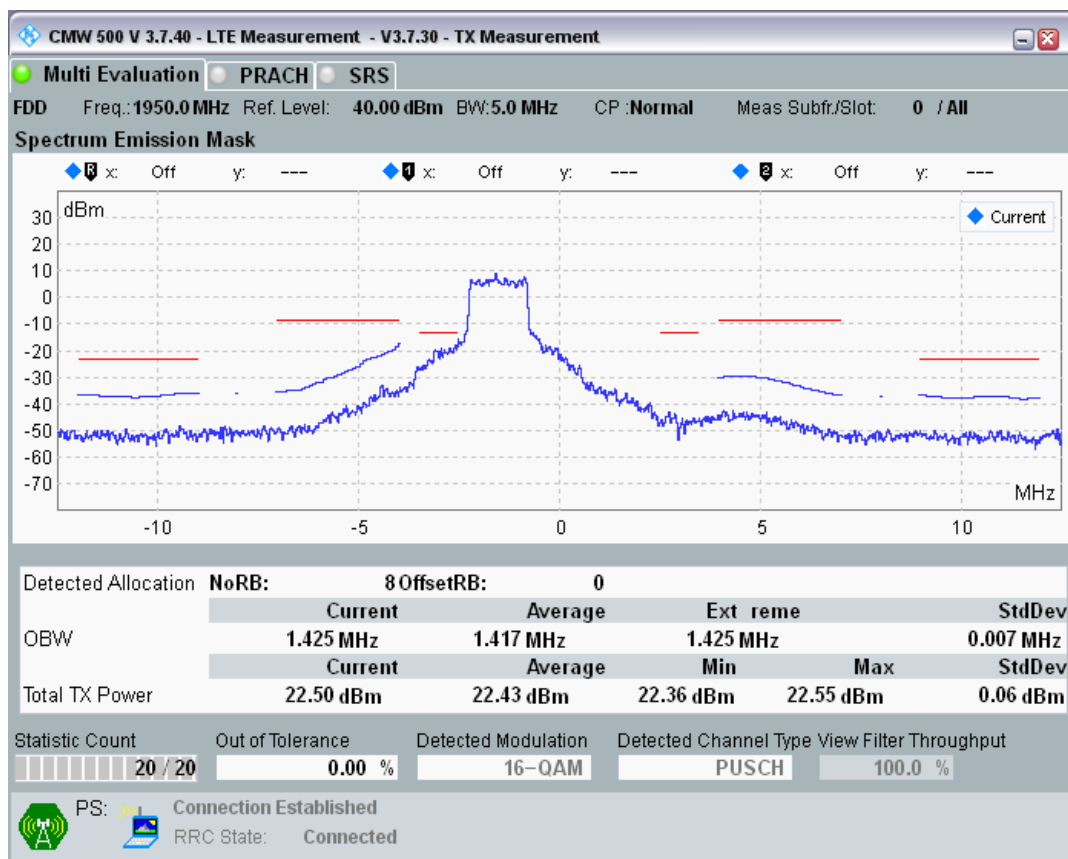
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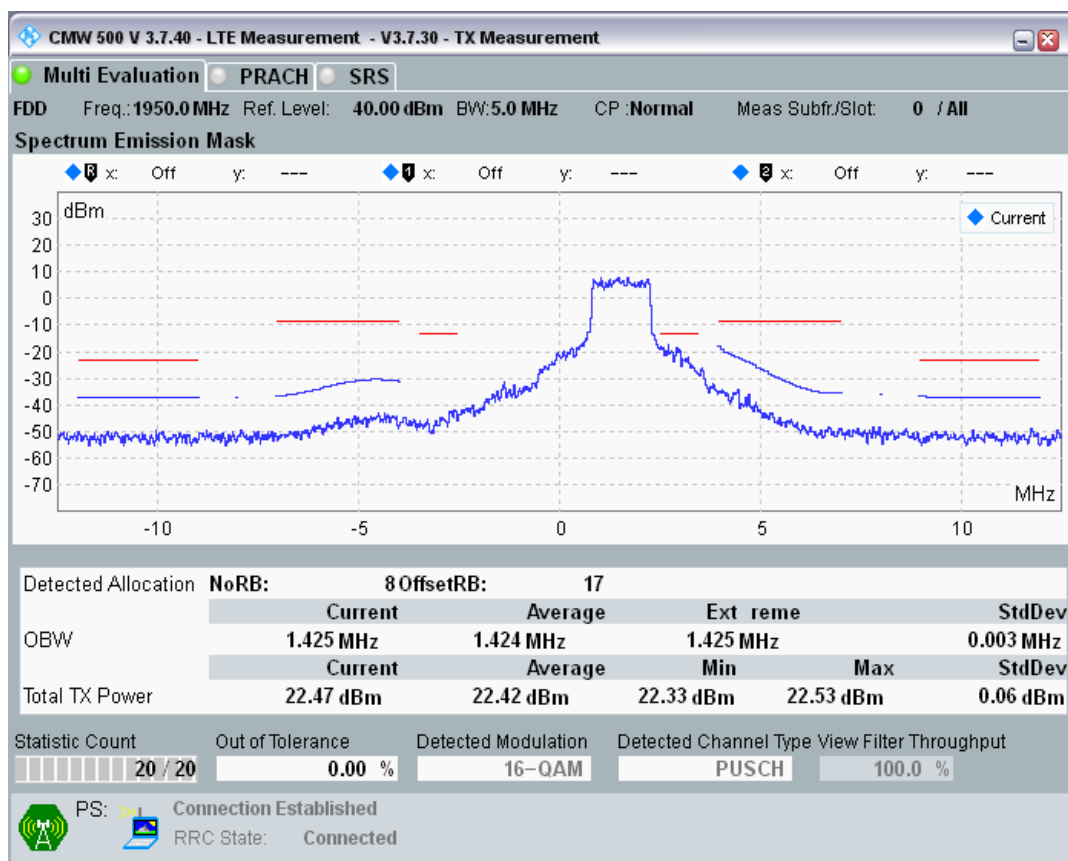
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Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#0.png

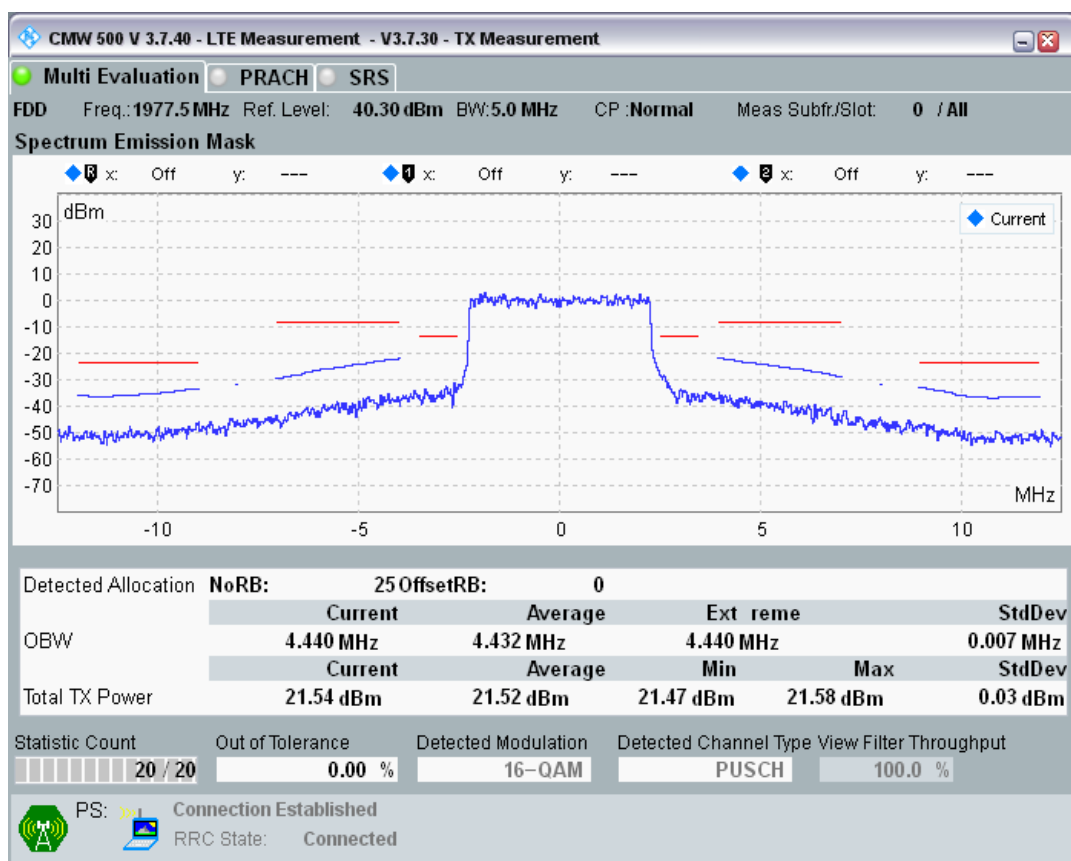


Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#Max.png

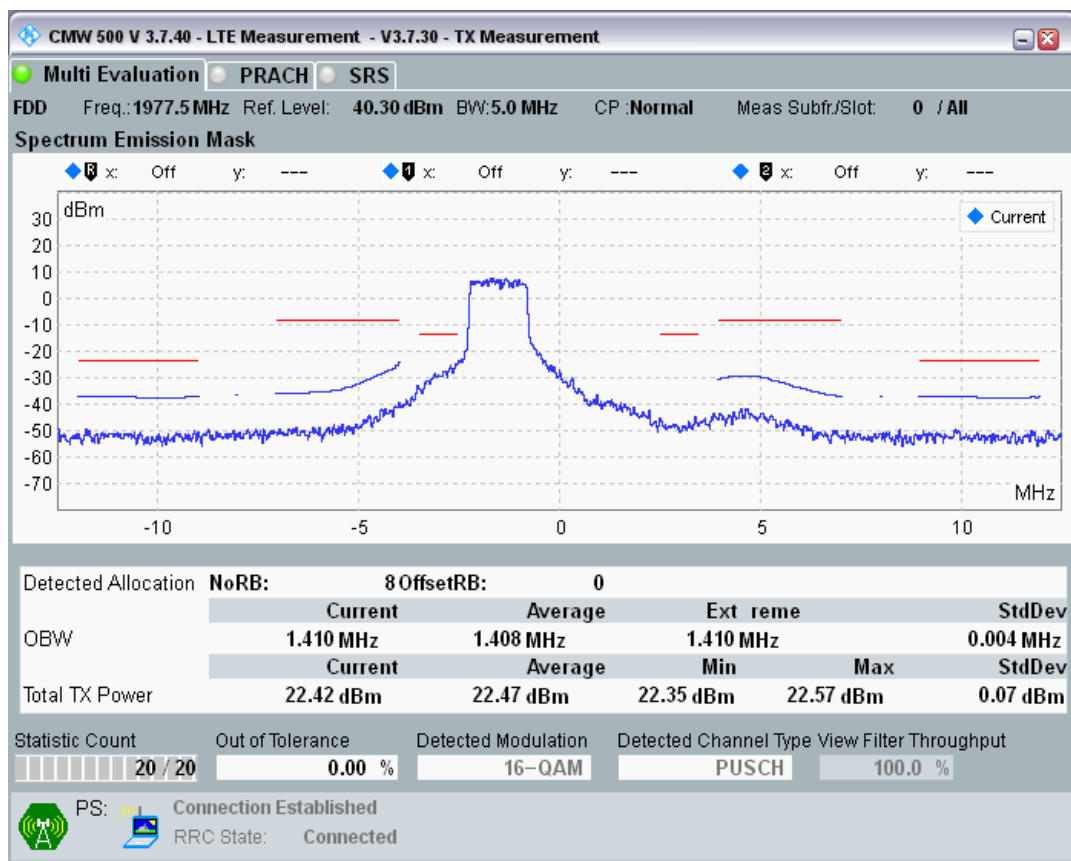


Band1 QAM16 BW=5MHz Channel=18575 RB Size=25 Position=#0.png

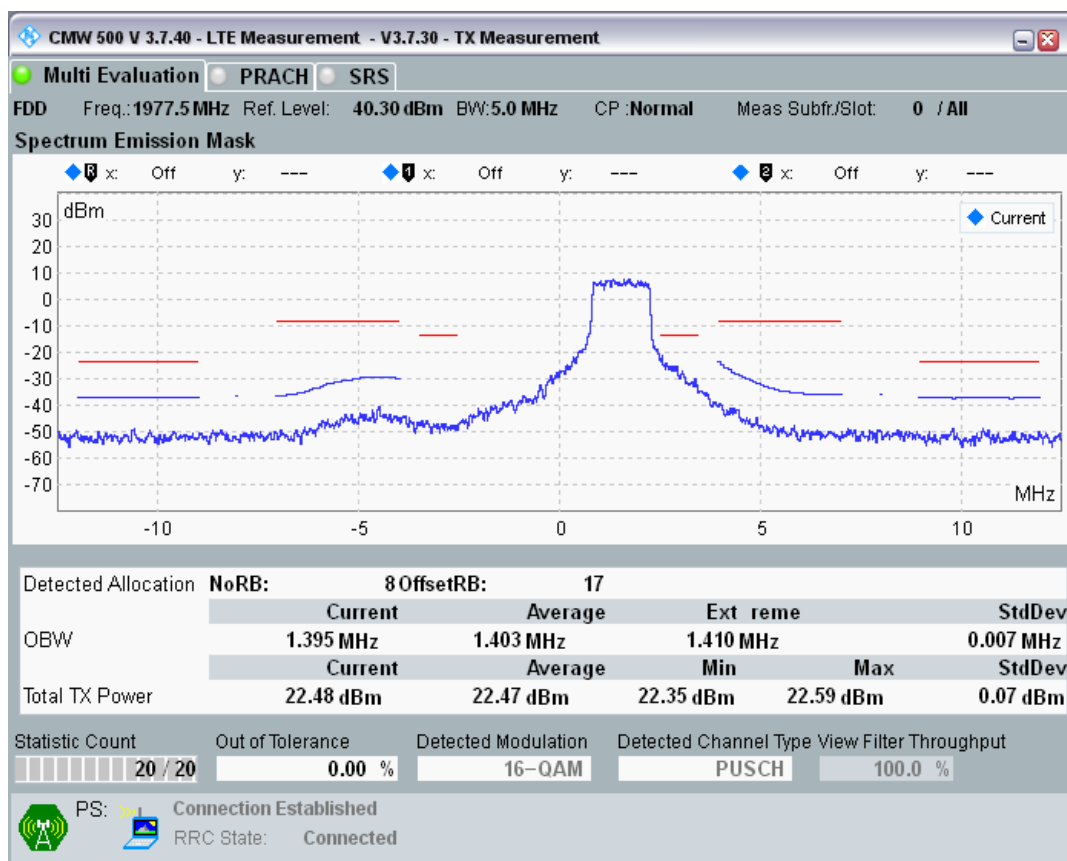




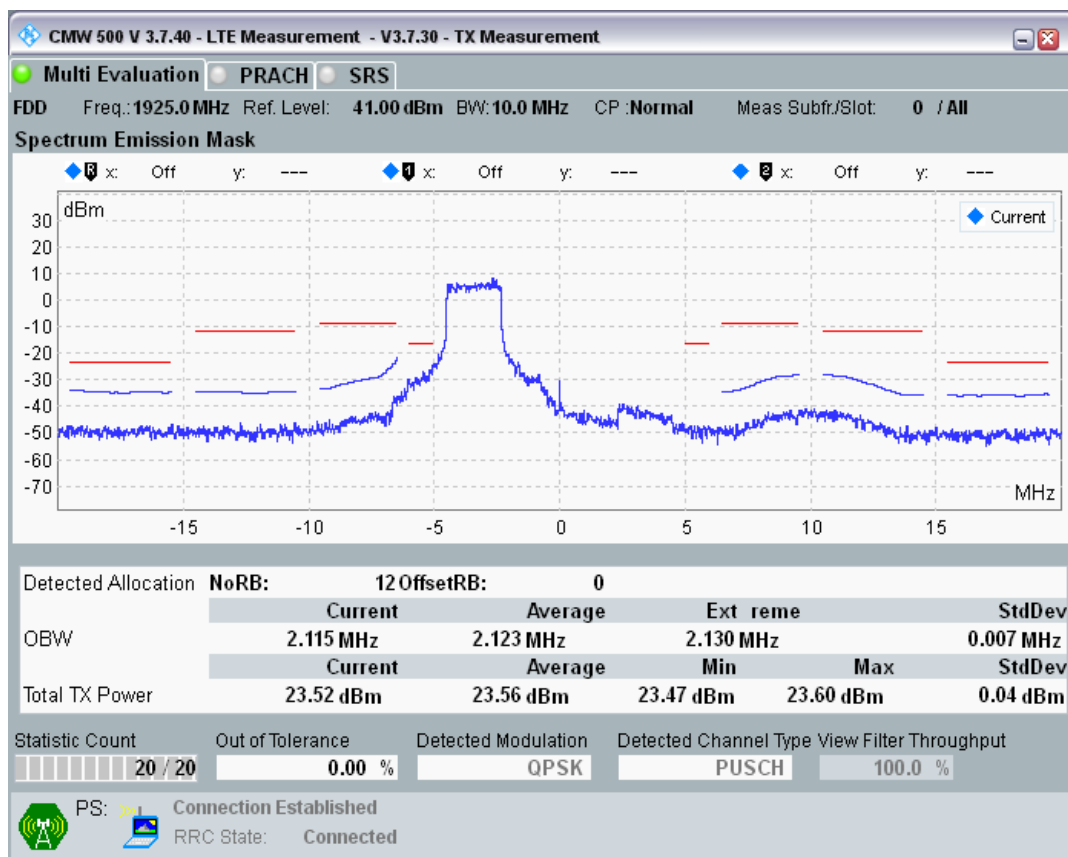
Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#0.png



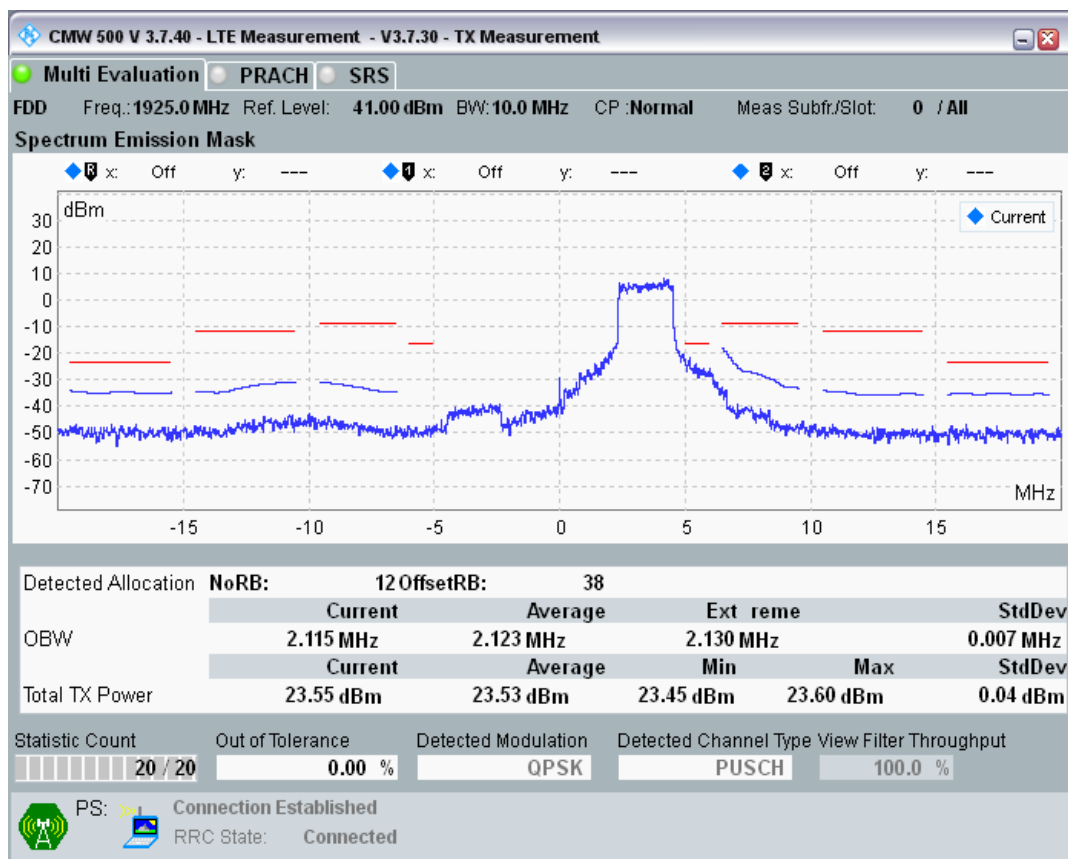
Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



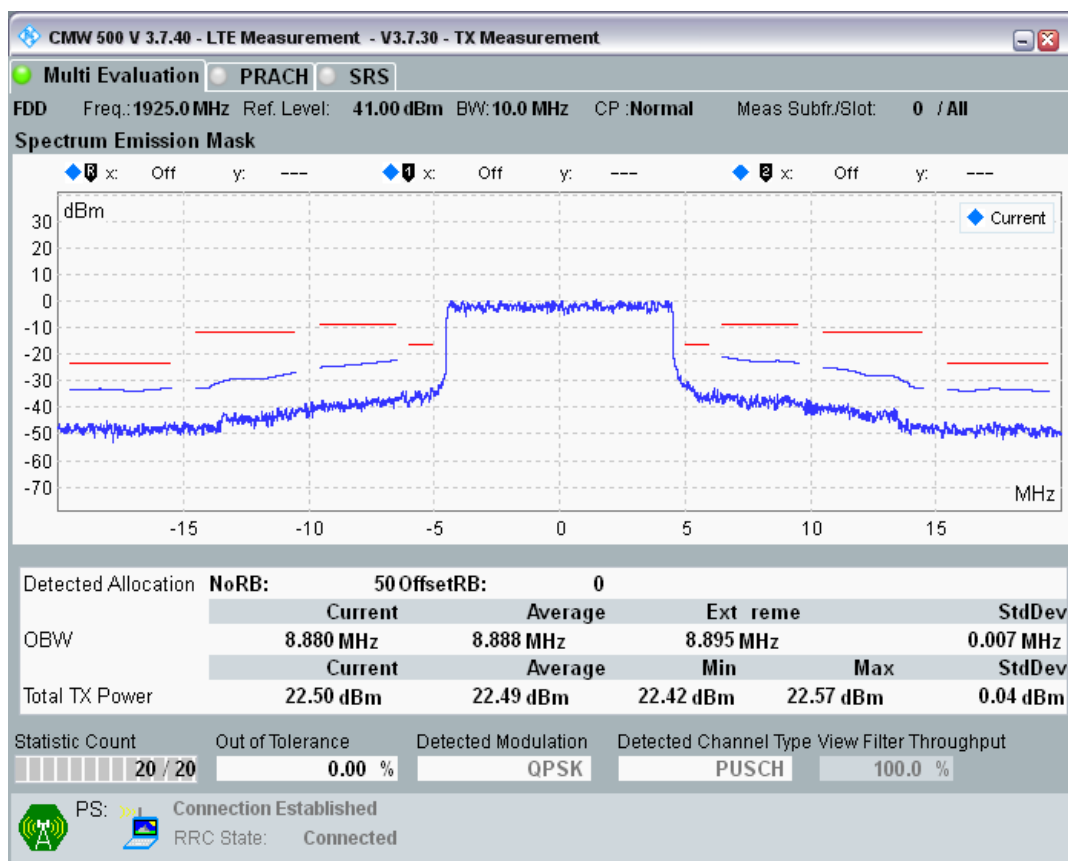
Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#0.png



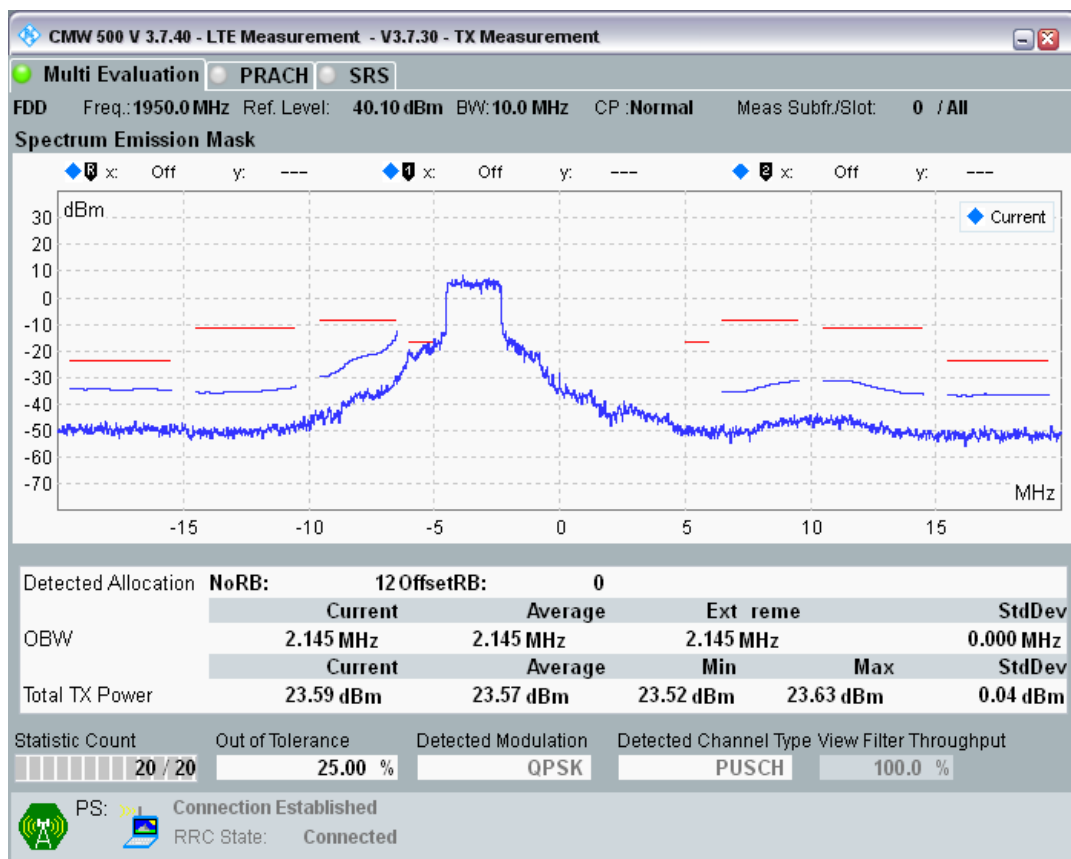
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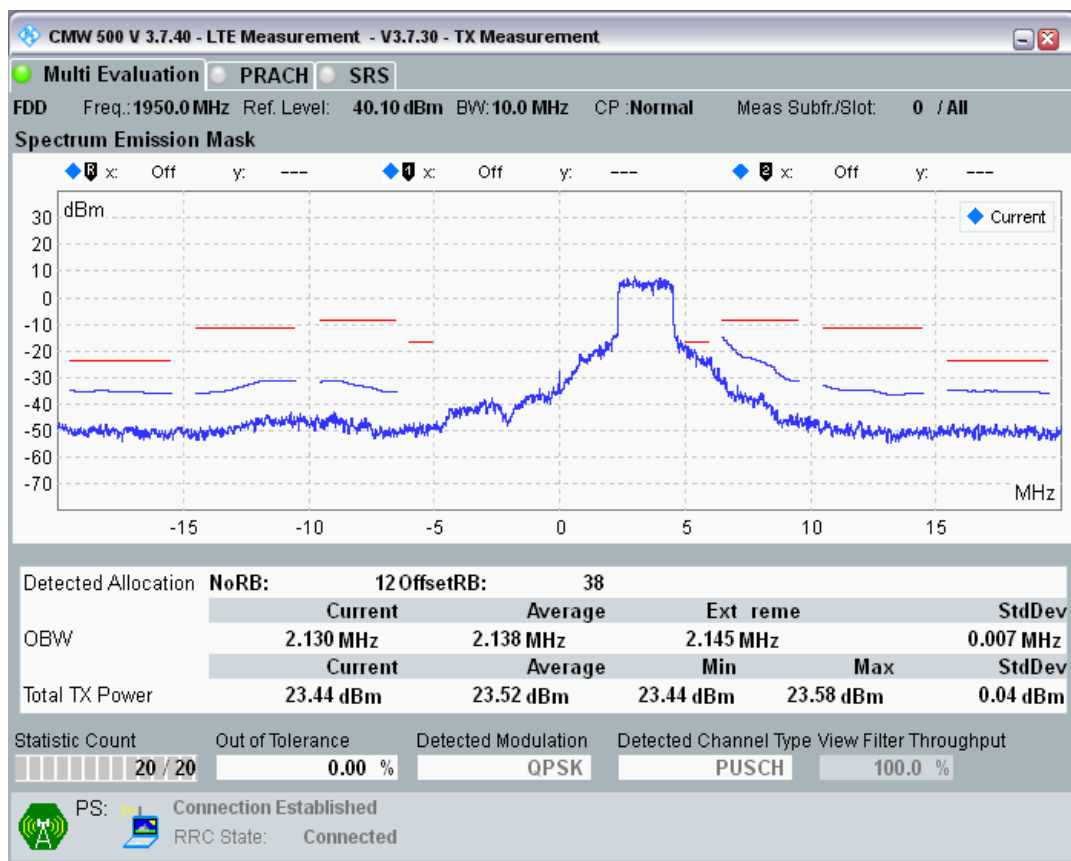
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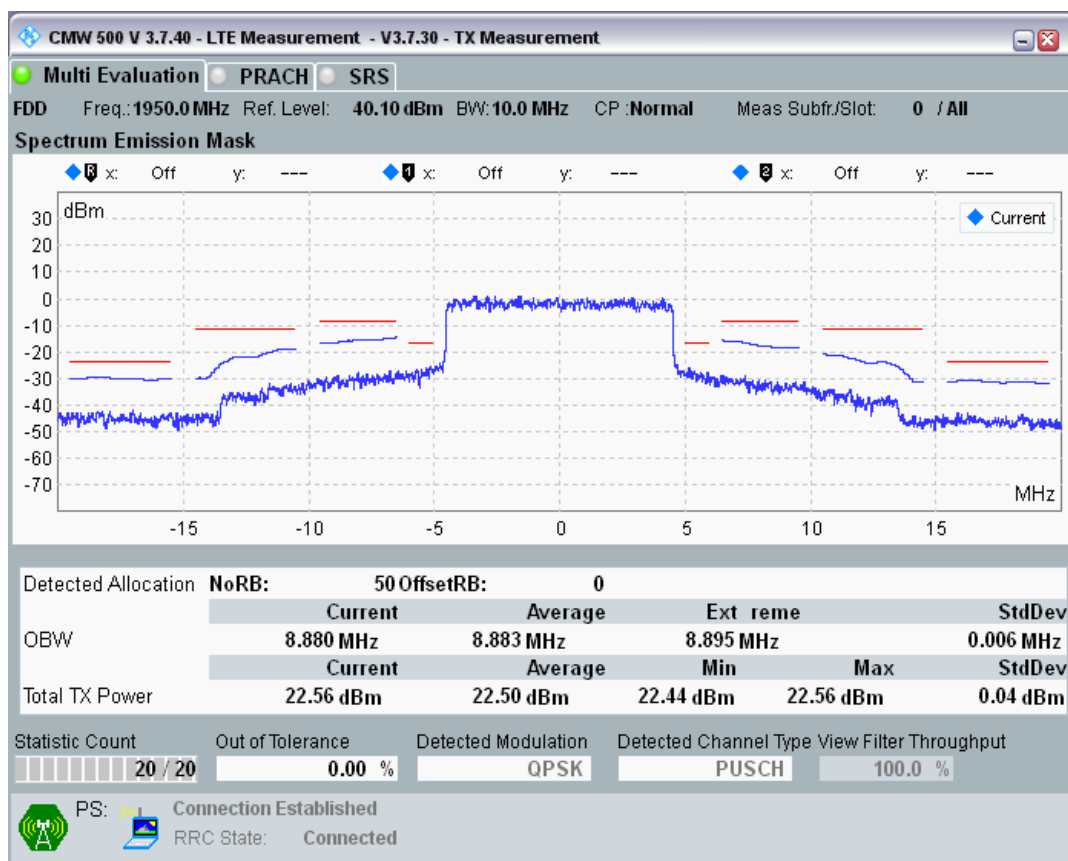
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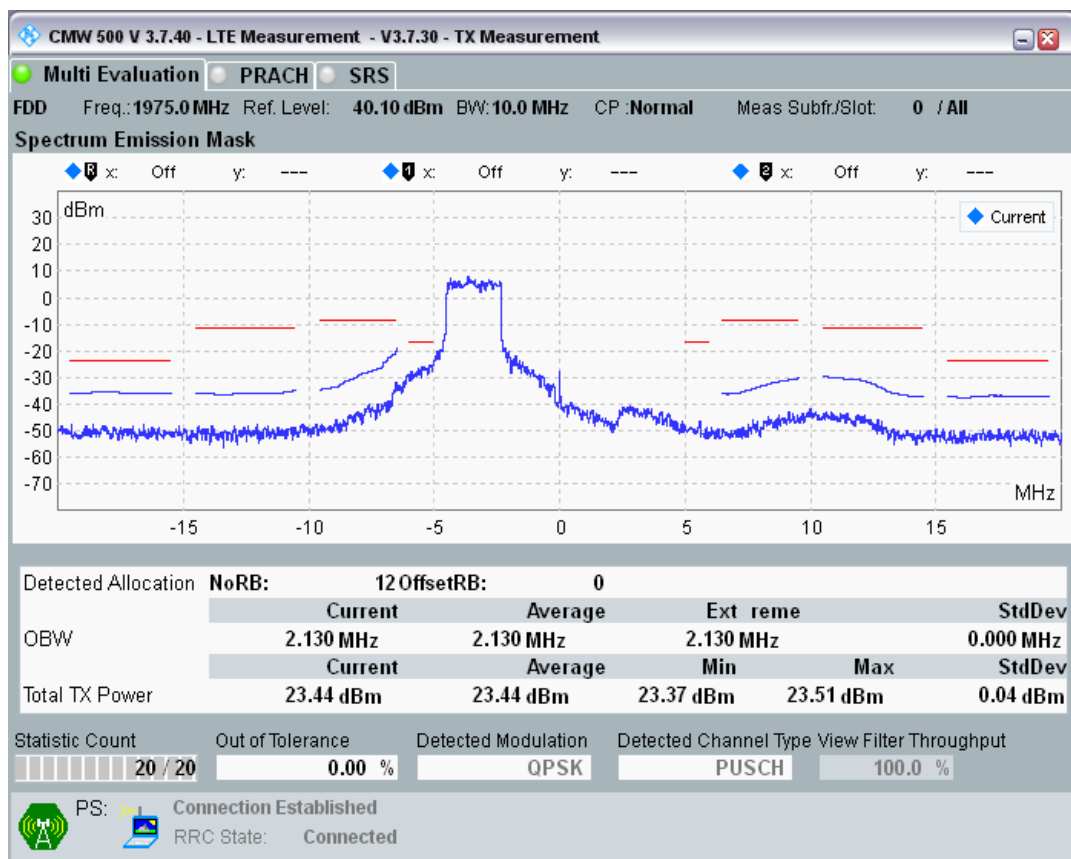
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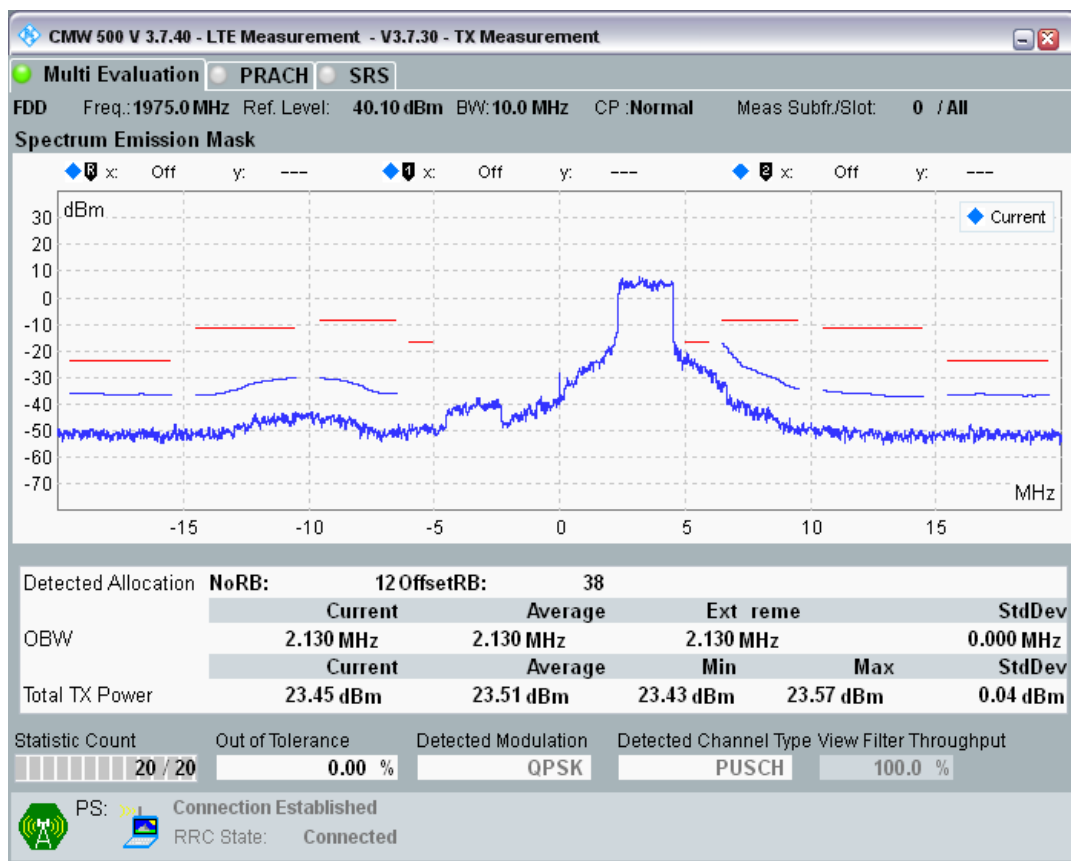
Band1 QPSK BW=10MHz Channel=18300 RB Size=50 Position=#0.png



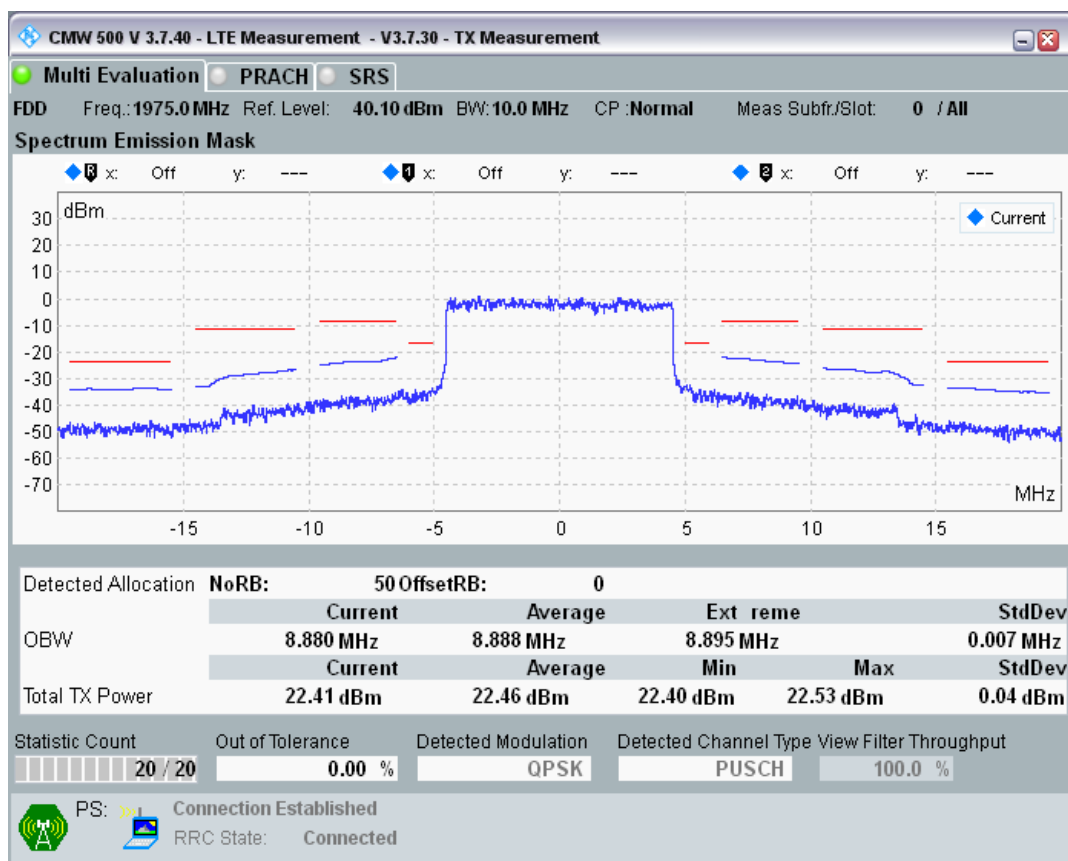
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Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#Max.png

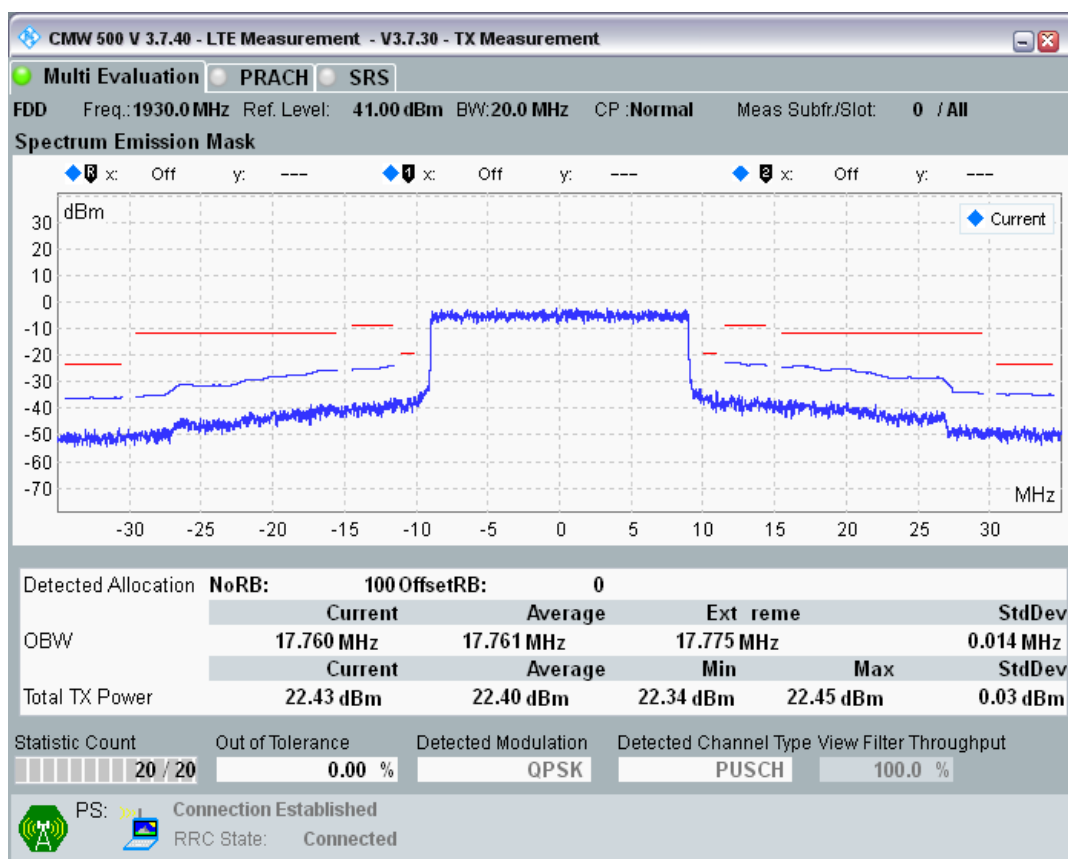


Band1 QPSK BW=10MHz Channel=18550 RB Size=50 Position=#0.png

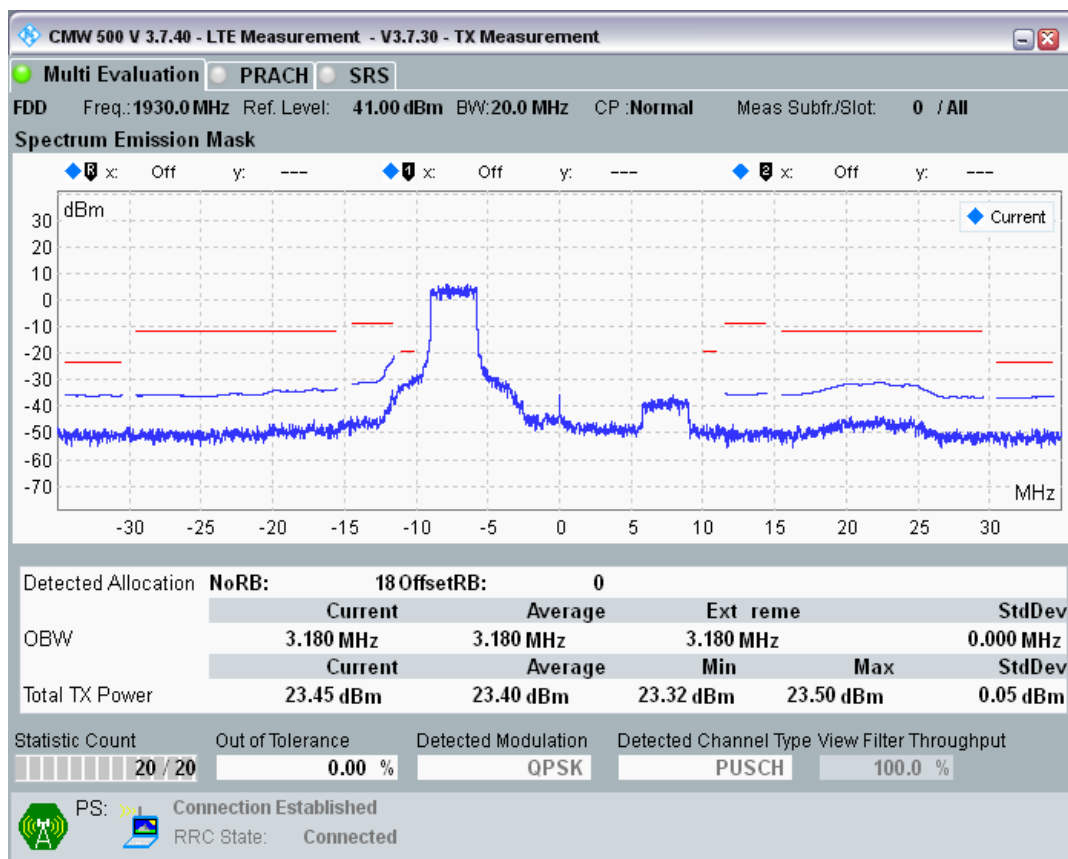


Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png

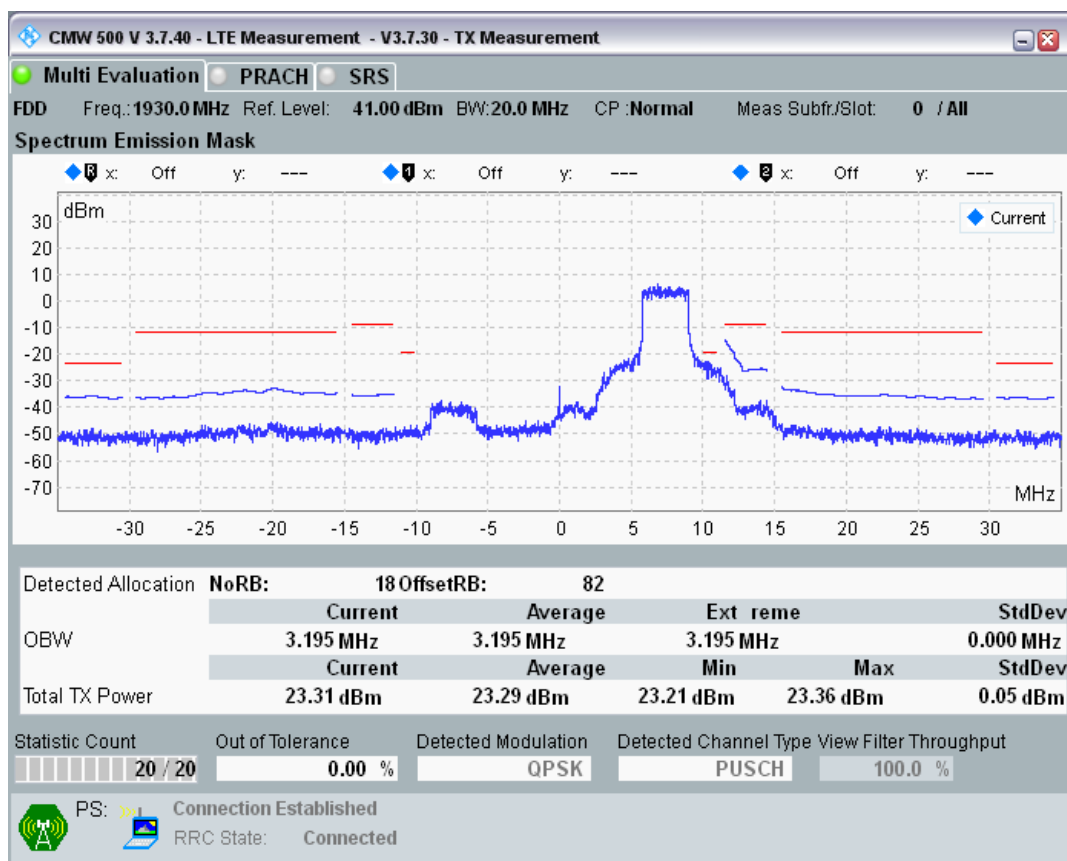




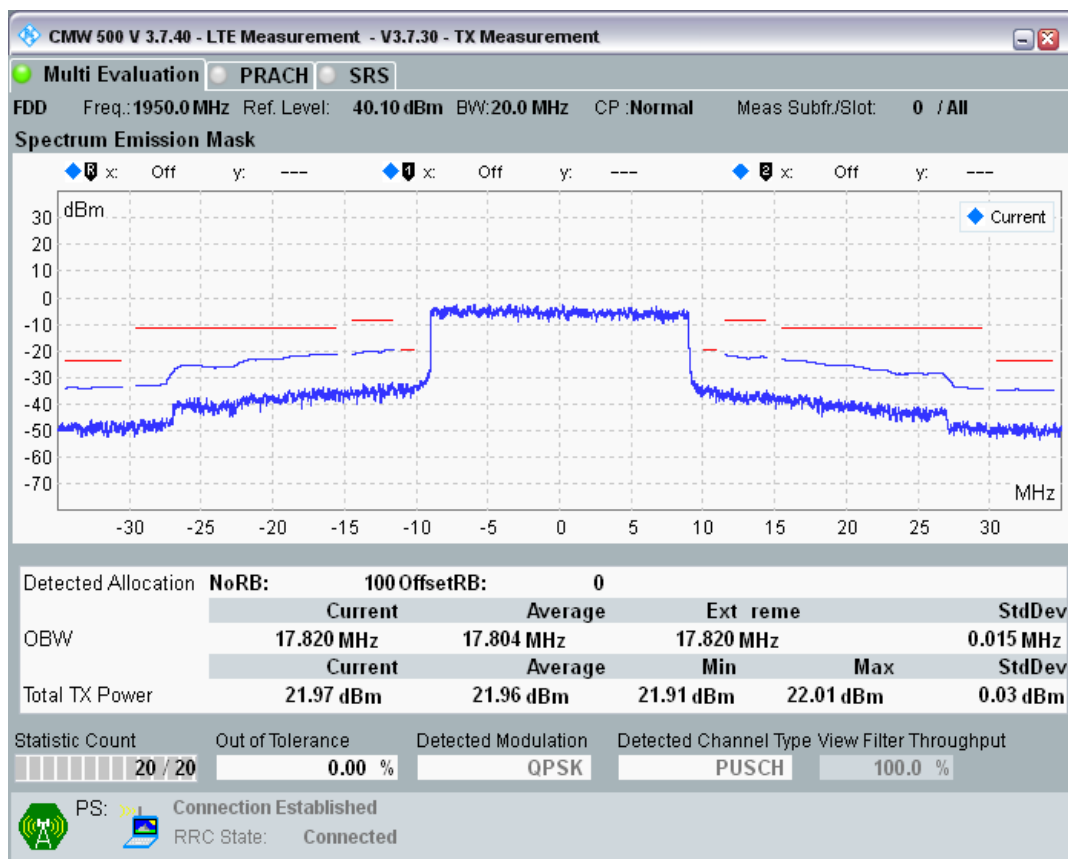
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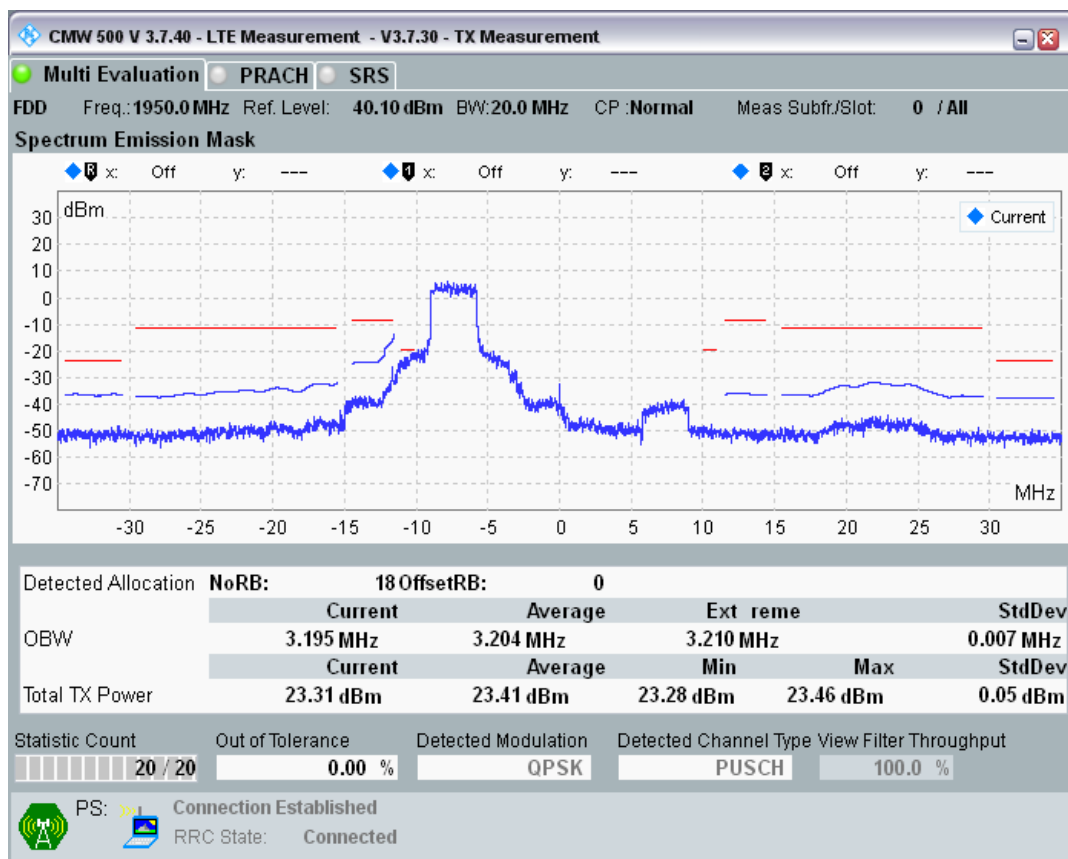
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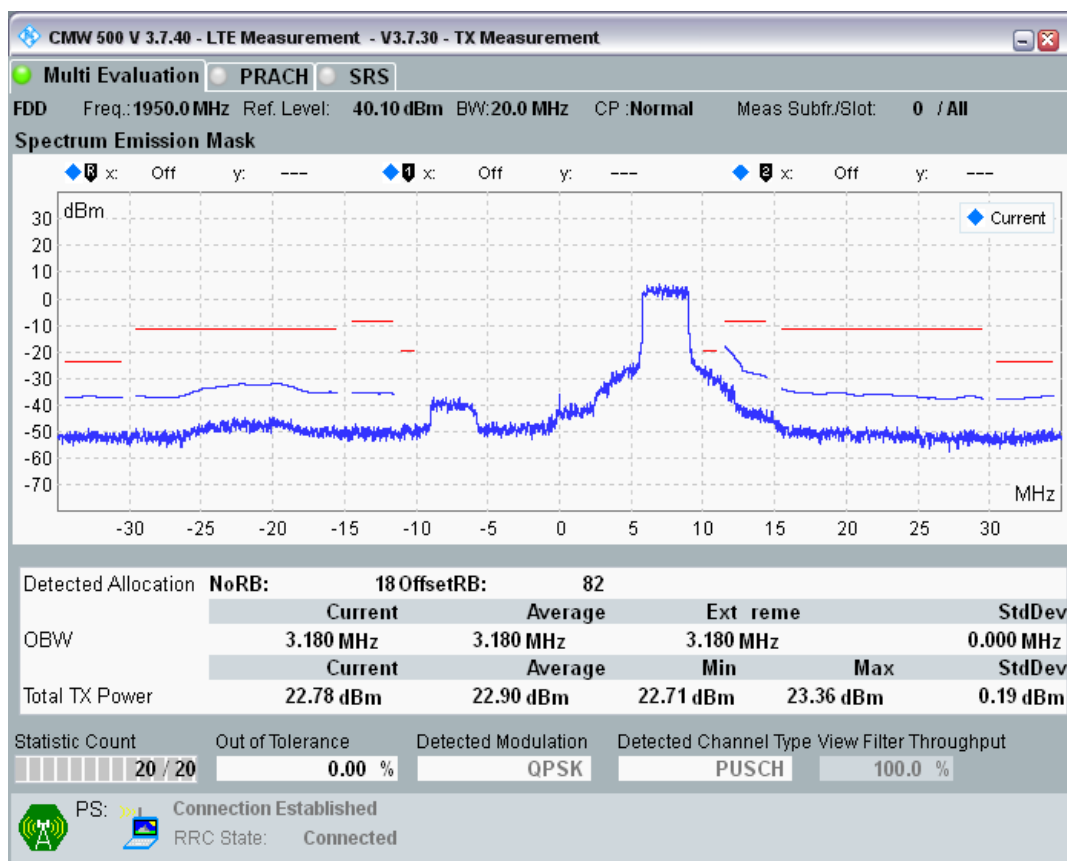
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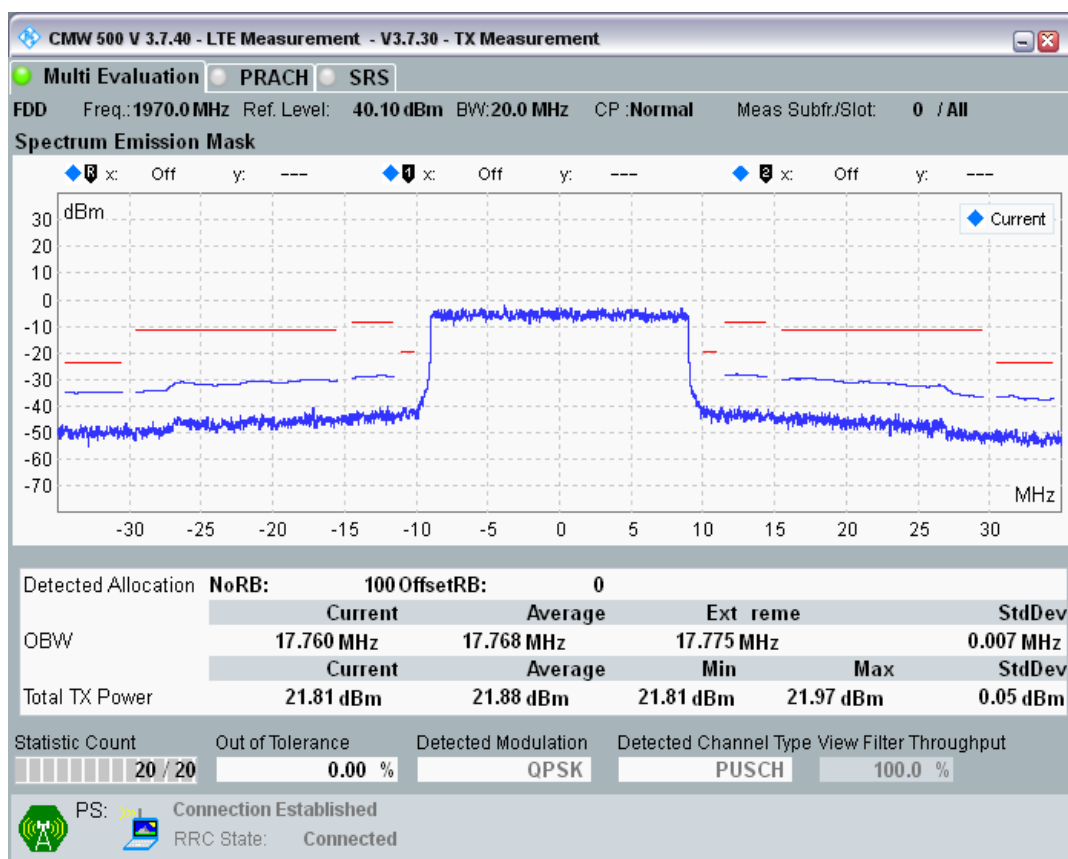
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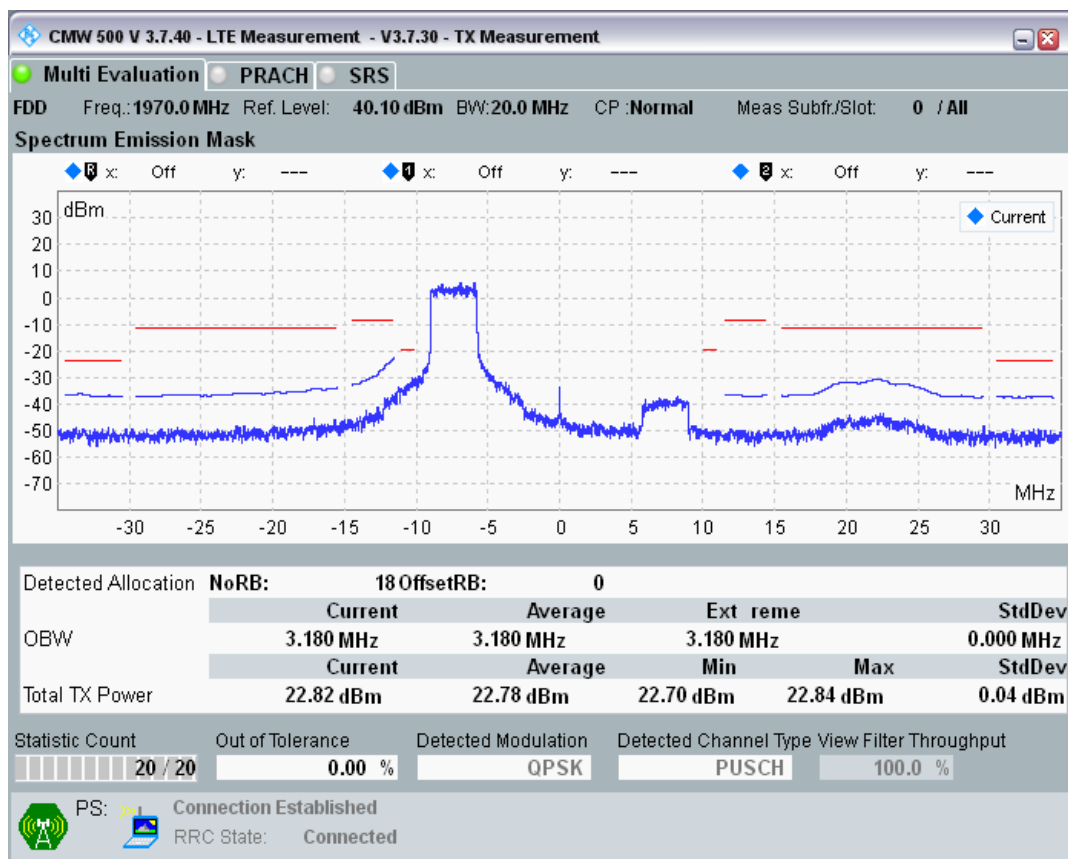
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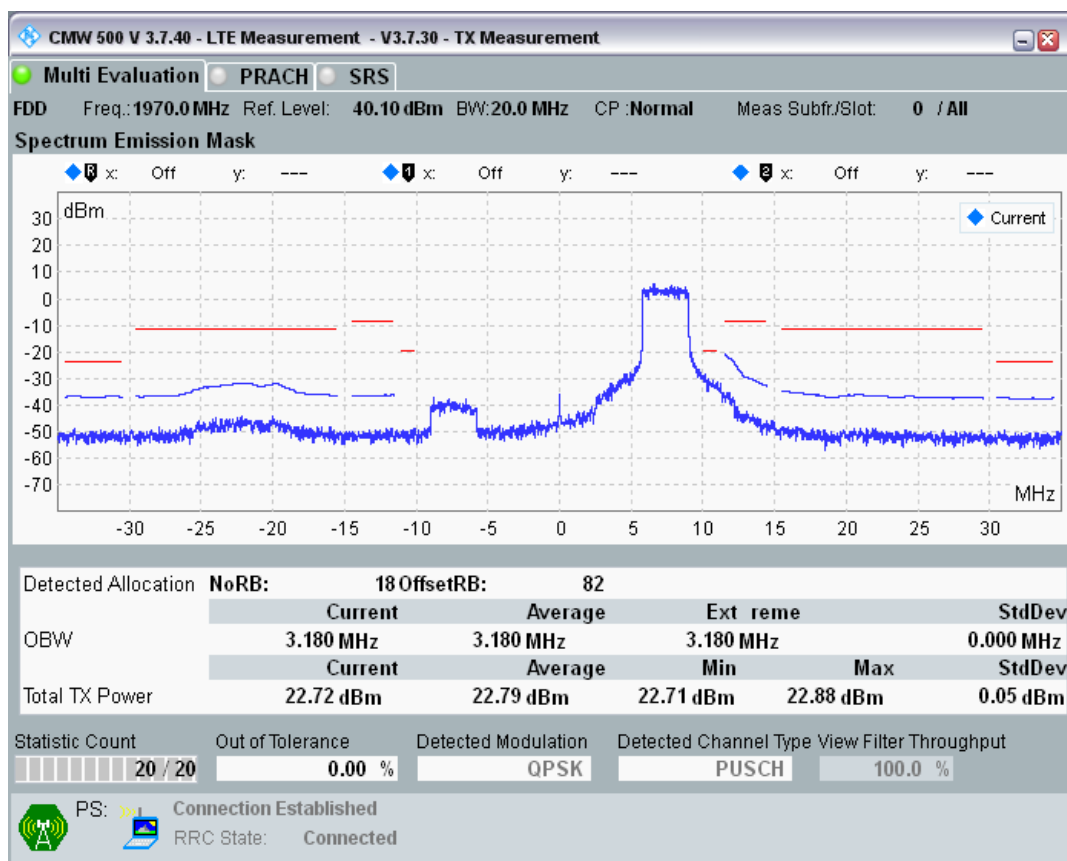
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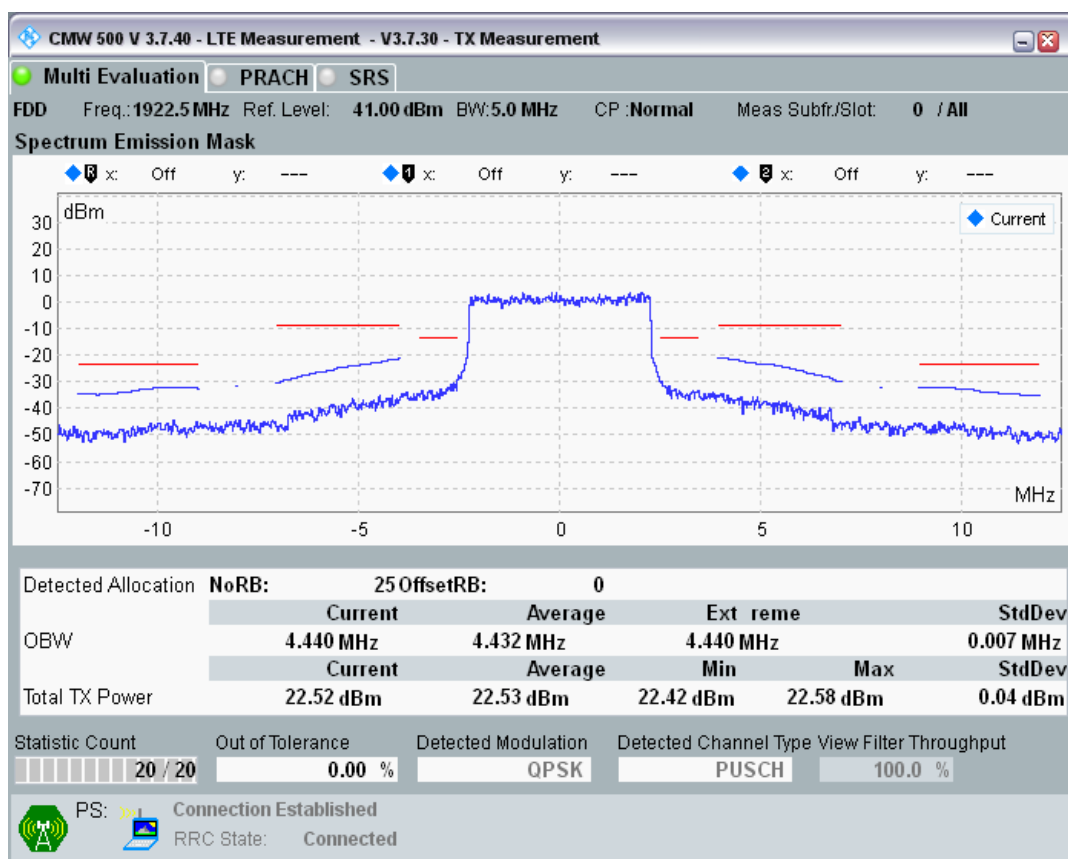
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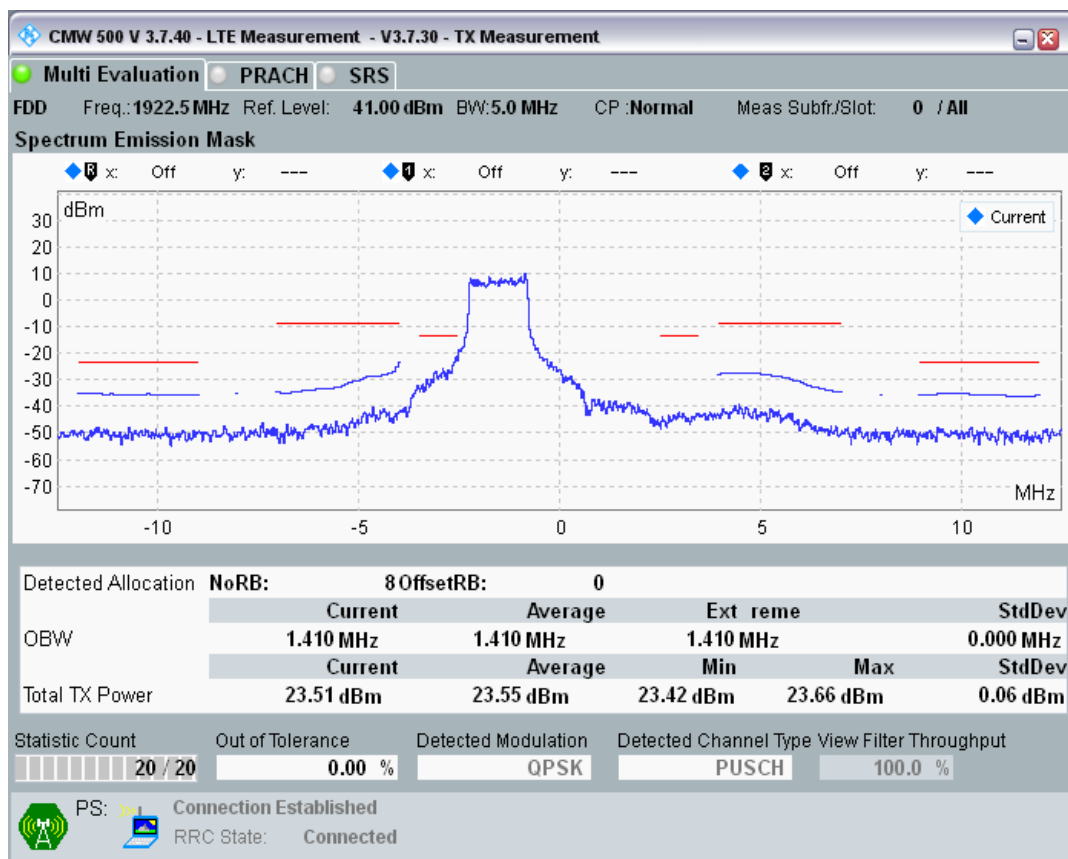
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



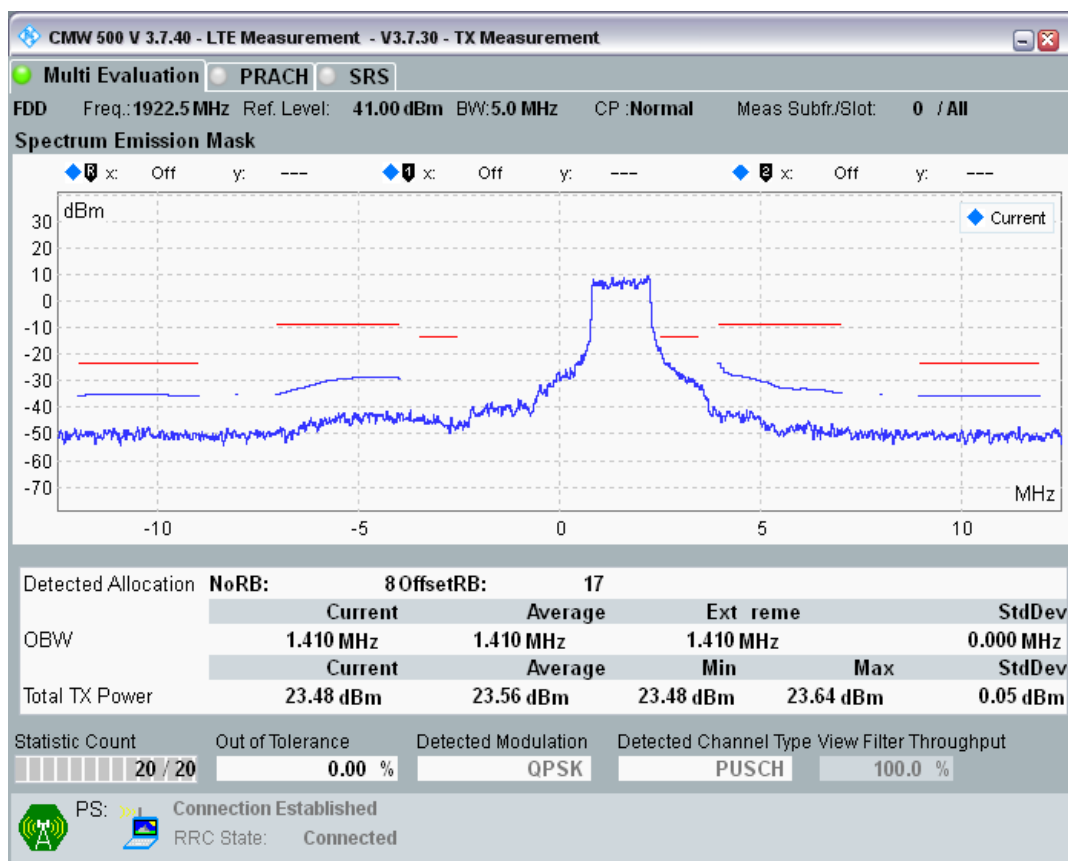
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png



Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#0.png

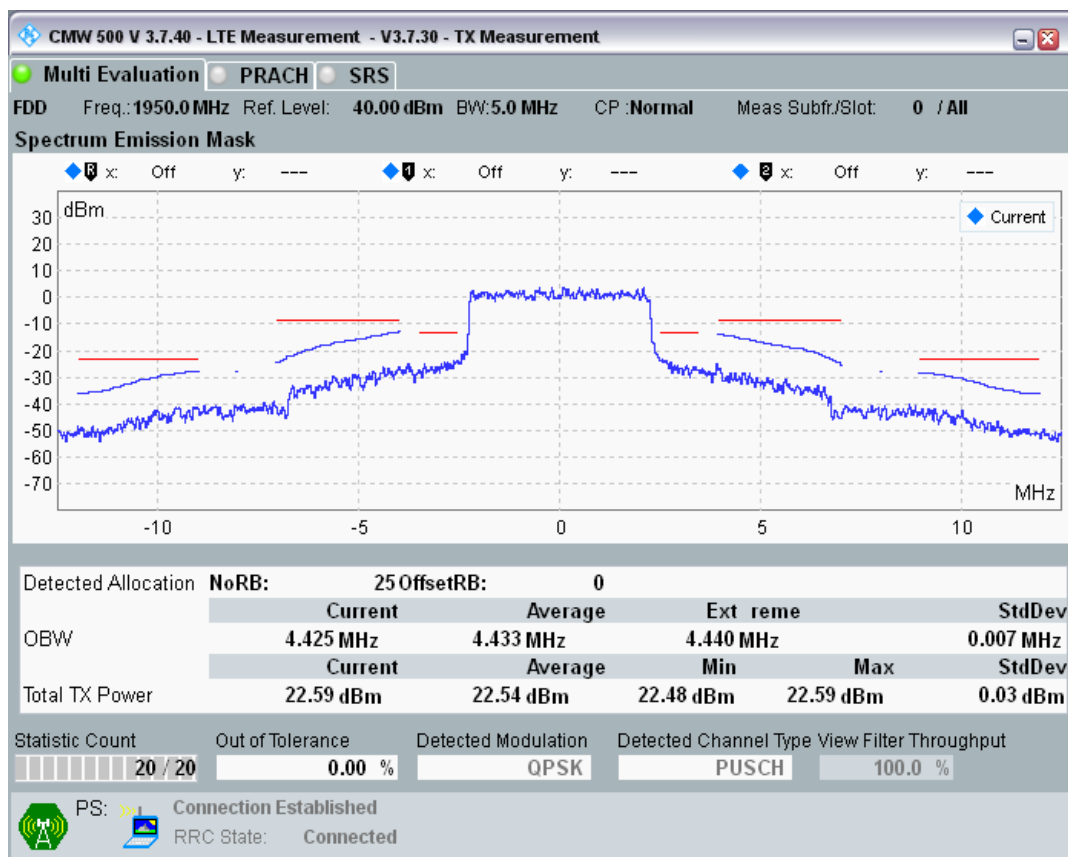


Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#Max.png

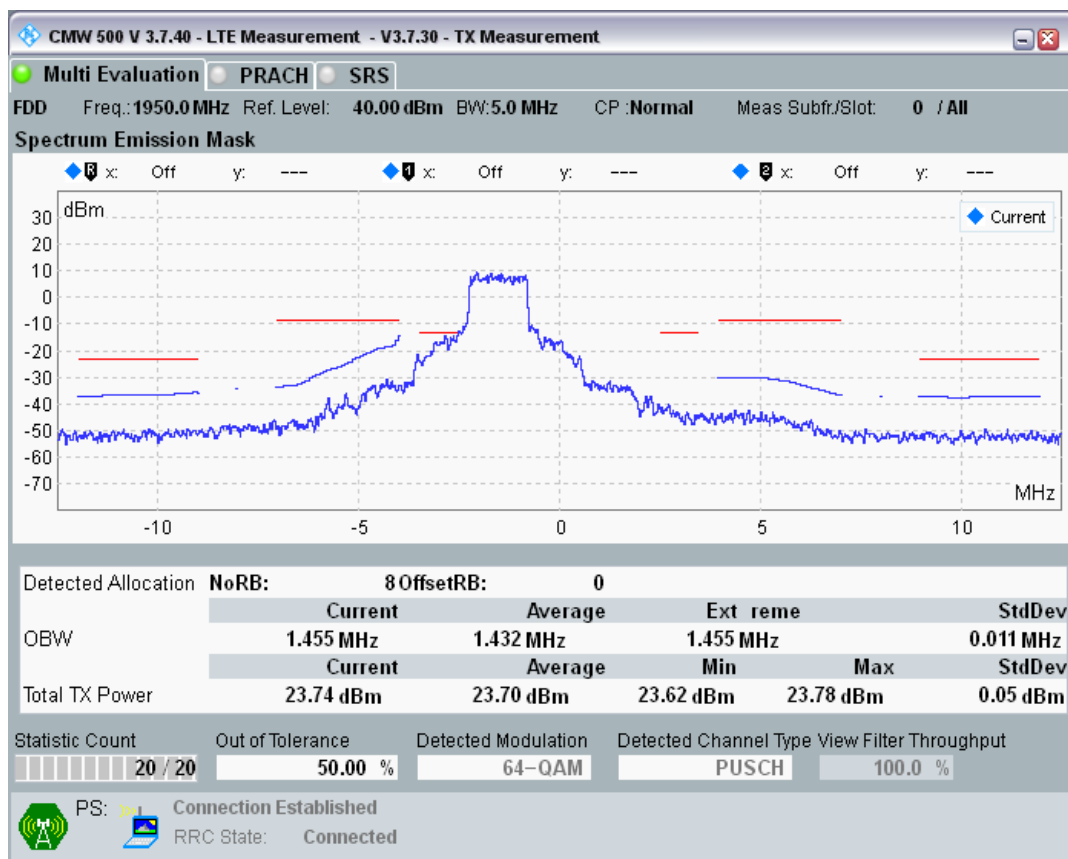


Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png

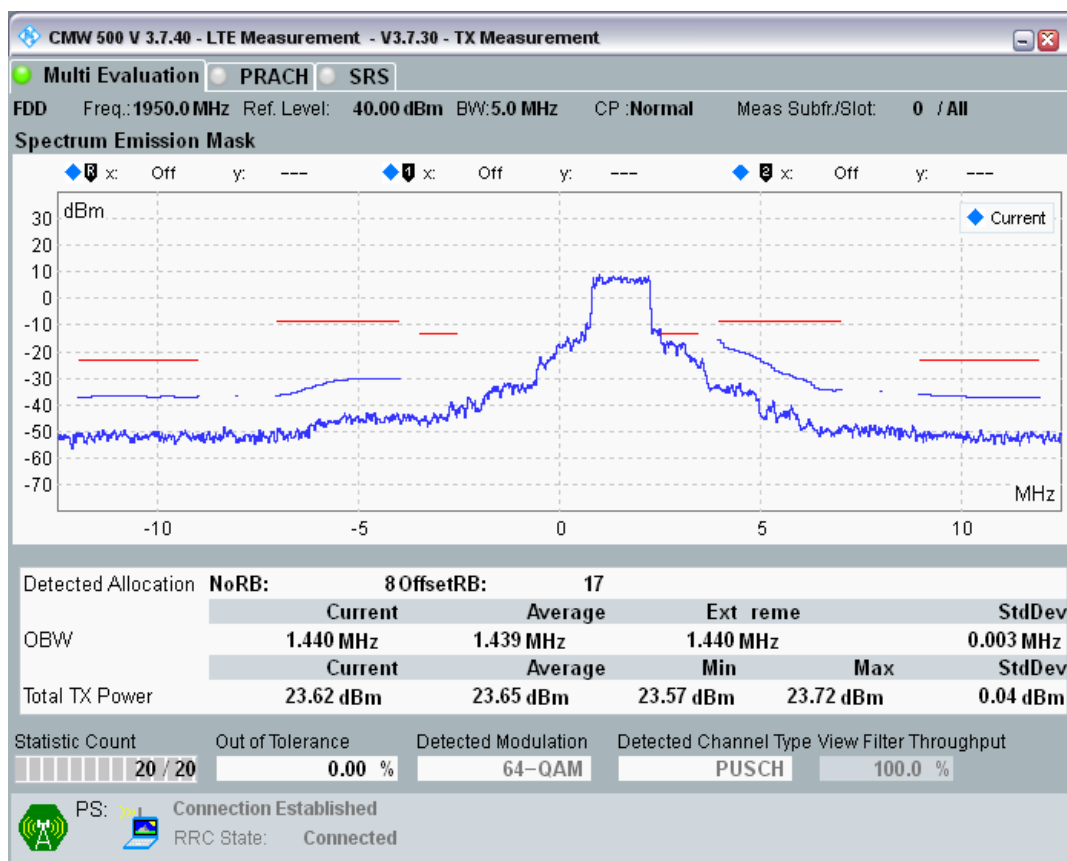




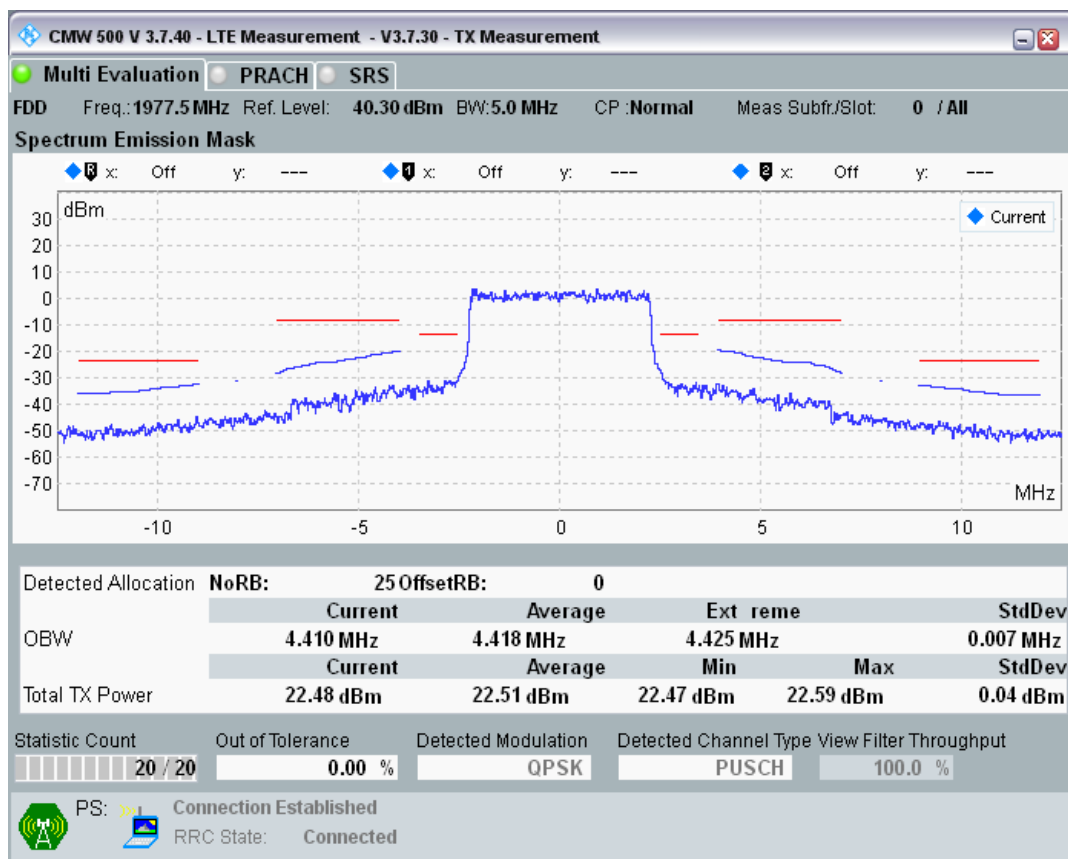
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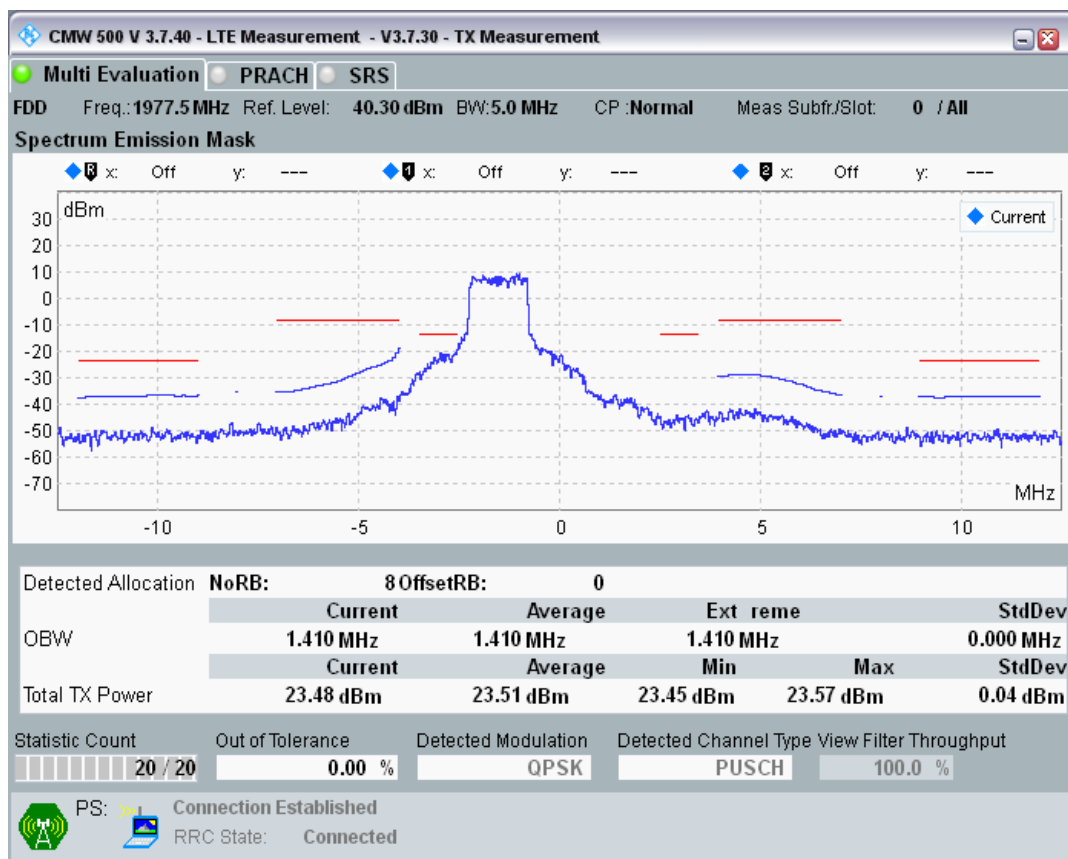
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



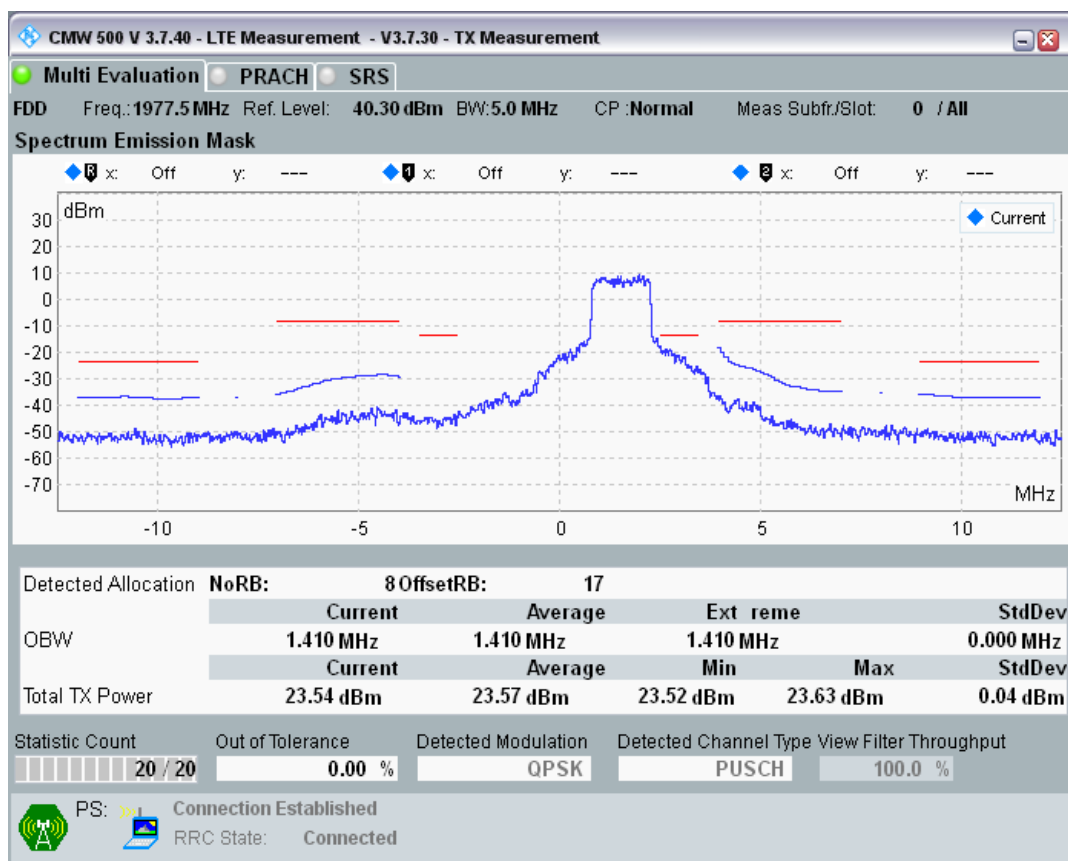
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



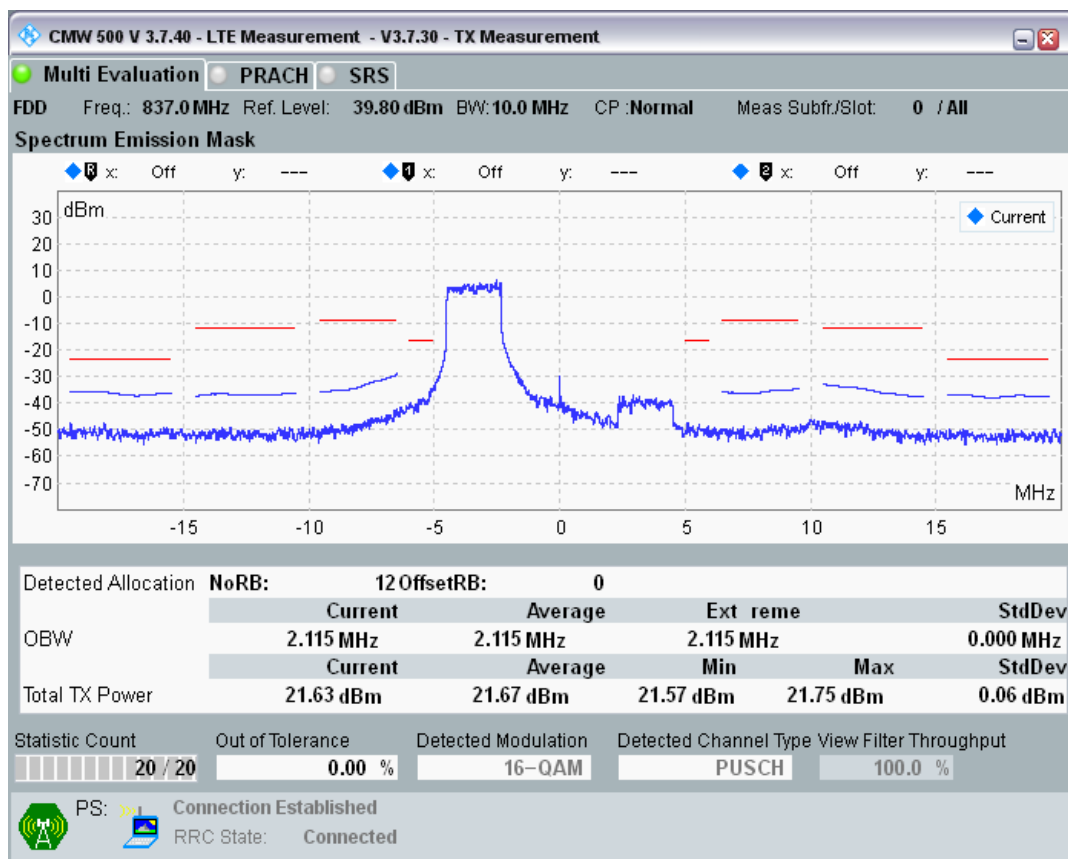
Band1 QPSK BW=5MHz Channel=18575 RB Size=8 Position=#0.png



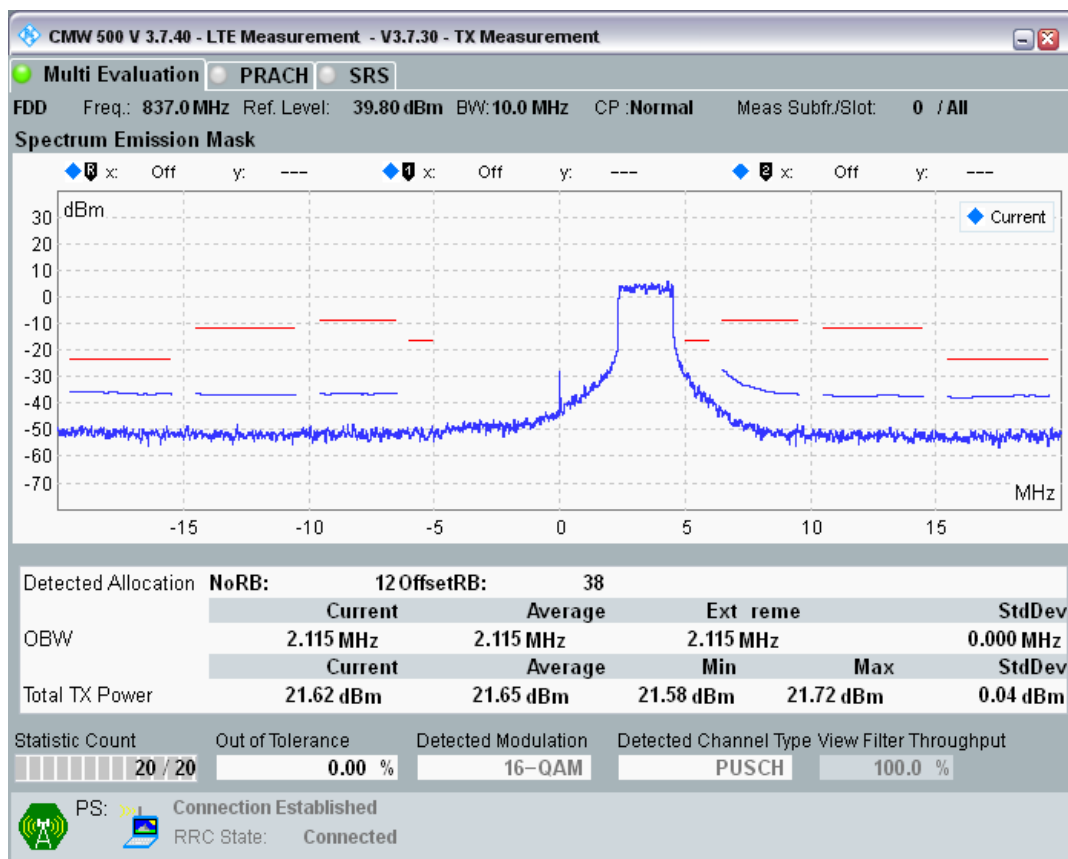
Band1 QPSK BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



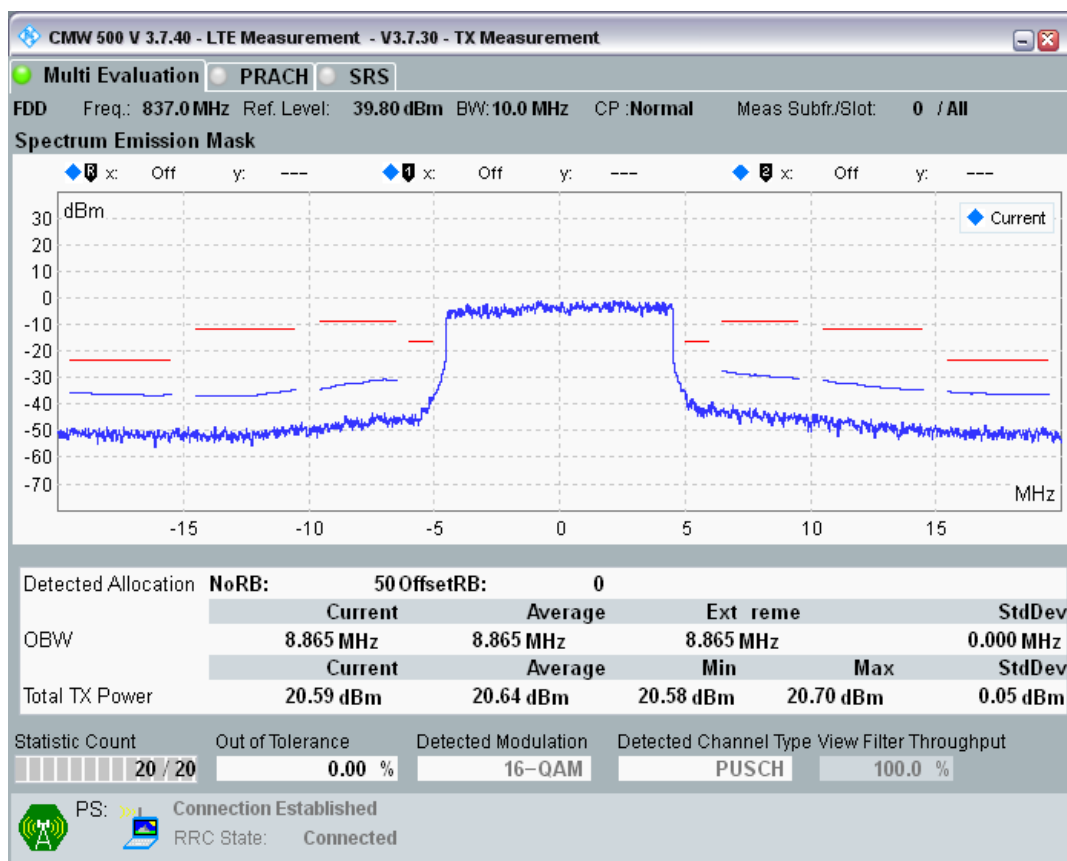
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#0.png



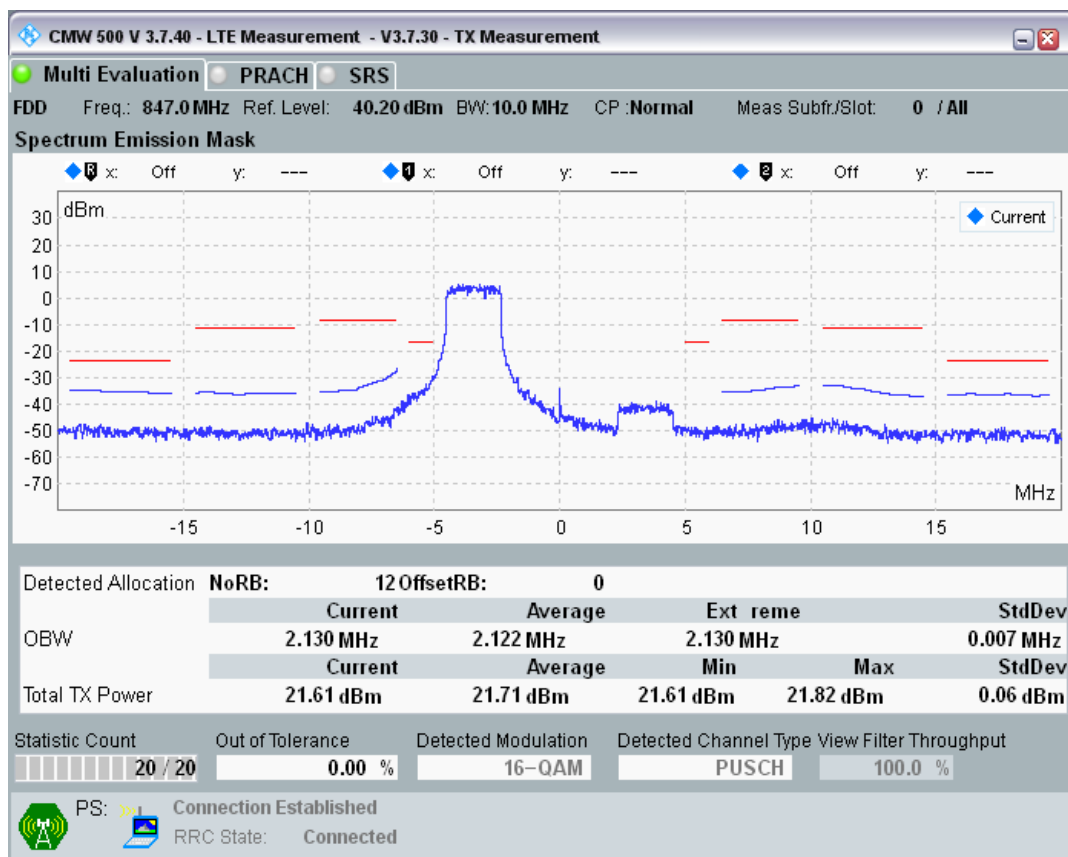
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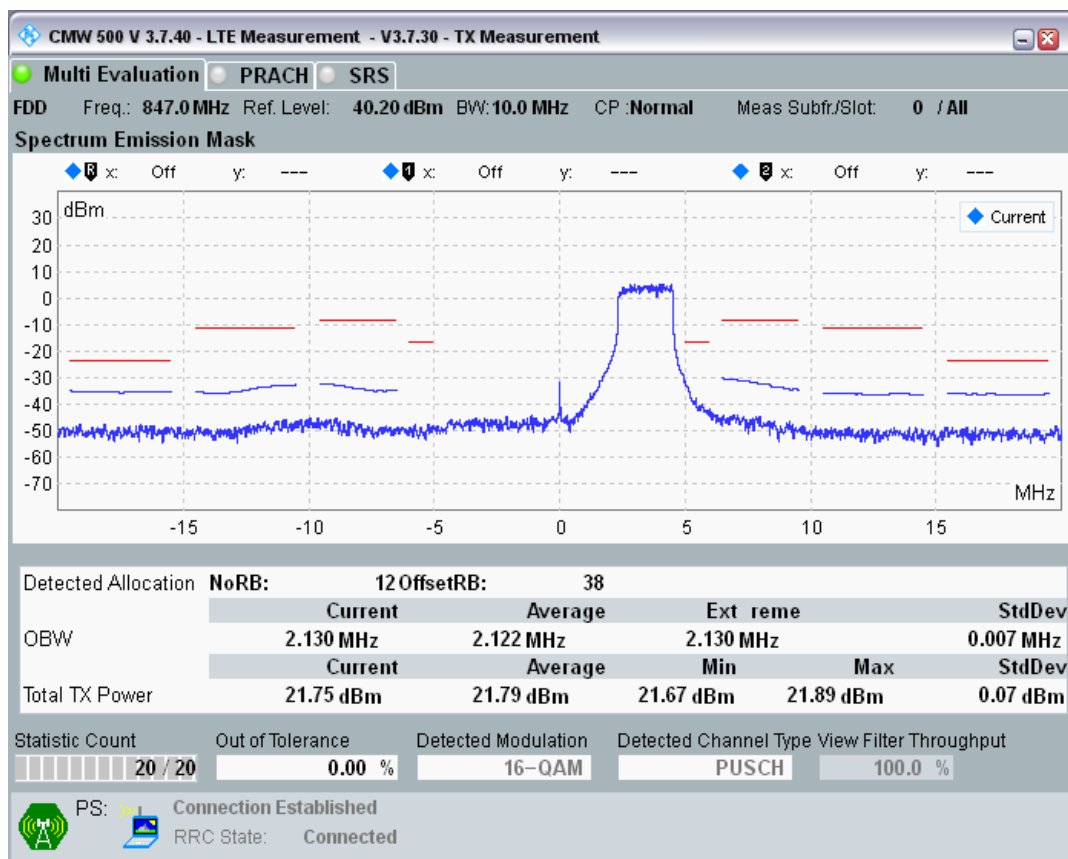
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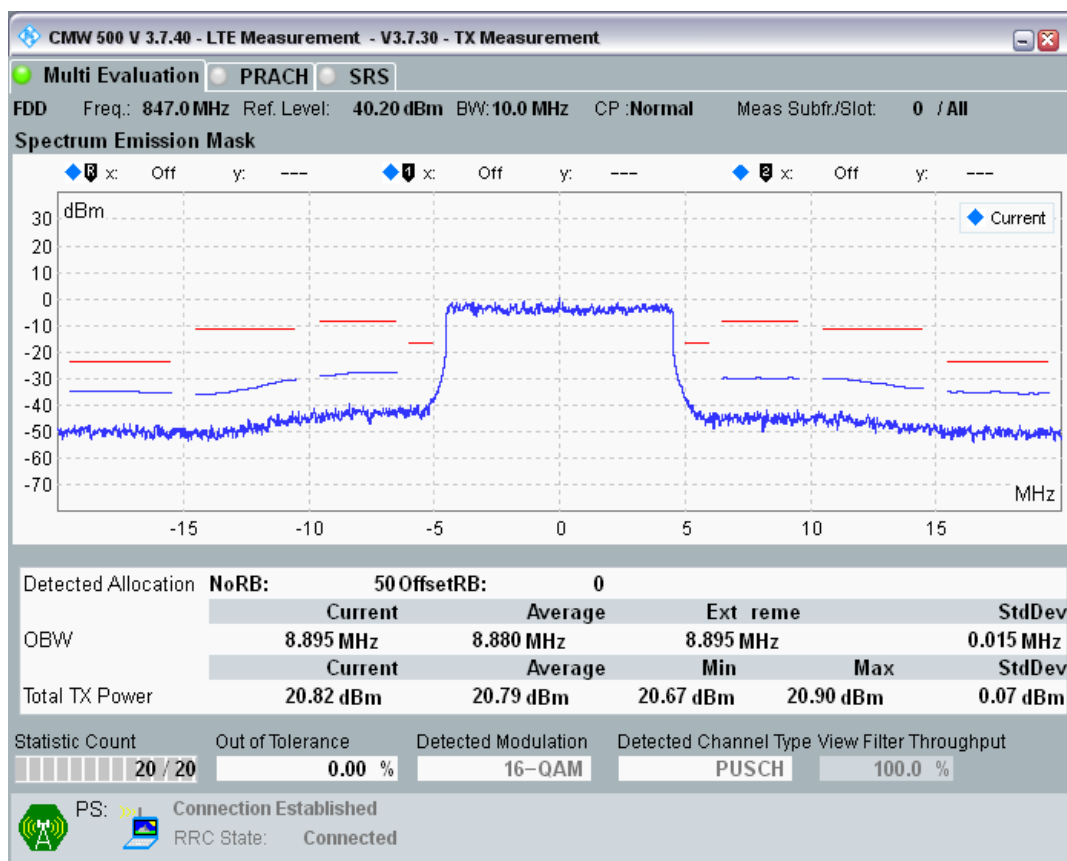
Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#0.png



Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#Max.png

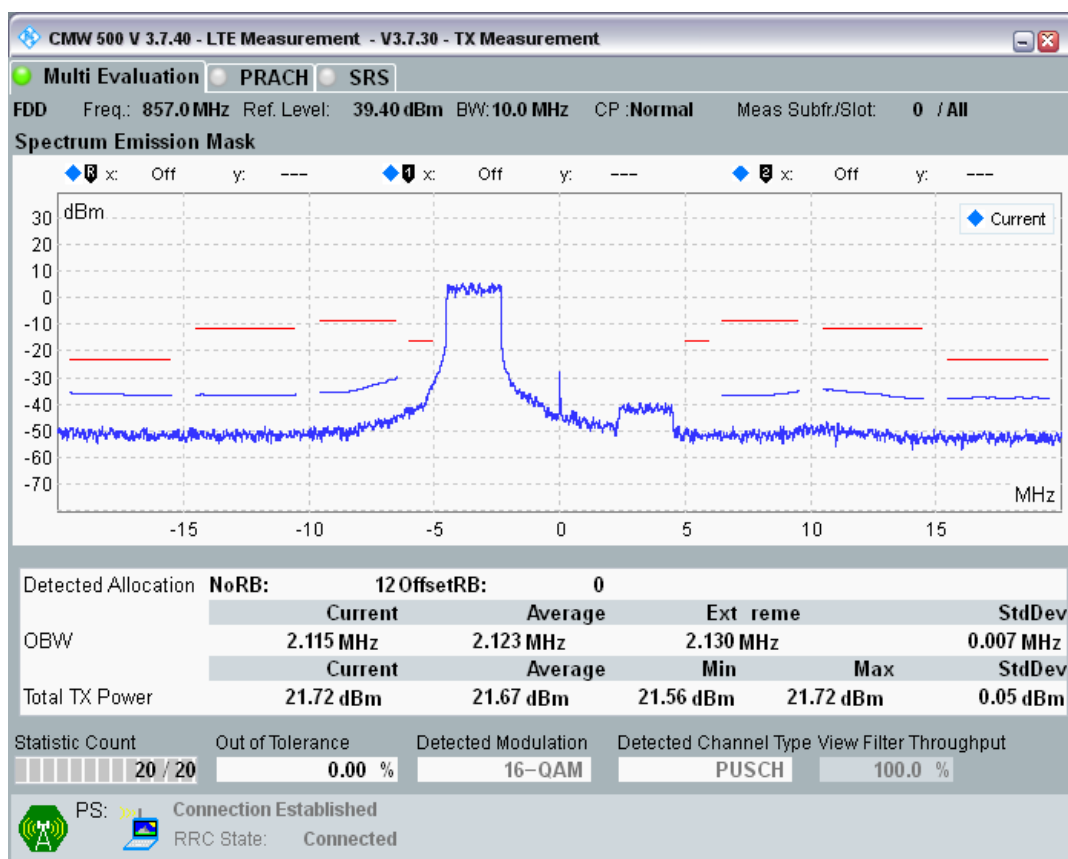


Band20 QAM16 BW=10MHz Channel=24300 RB Size=50 Position=#0.png

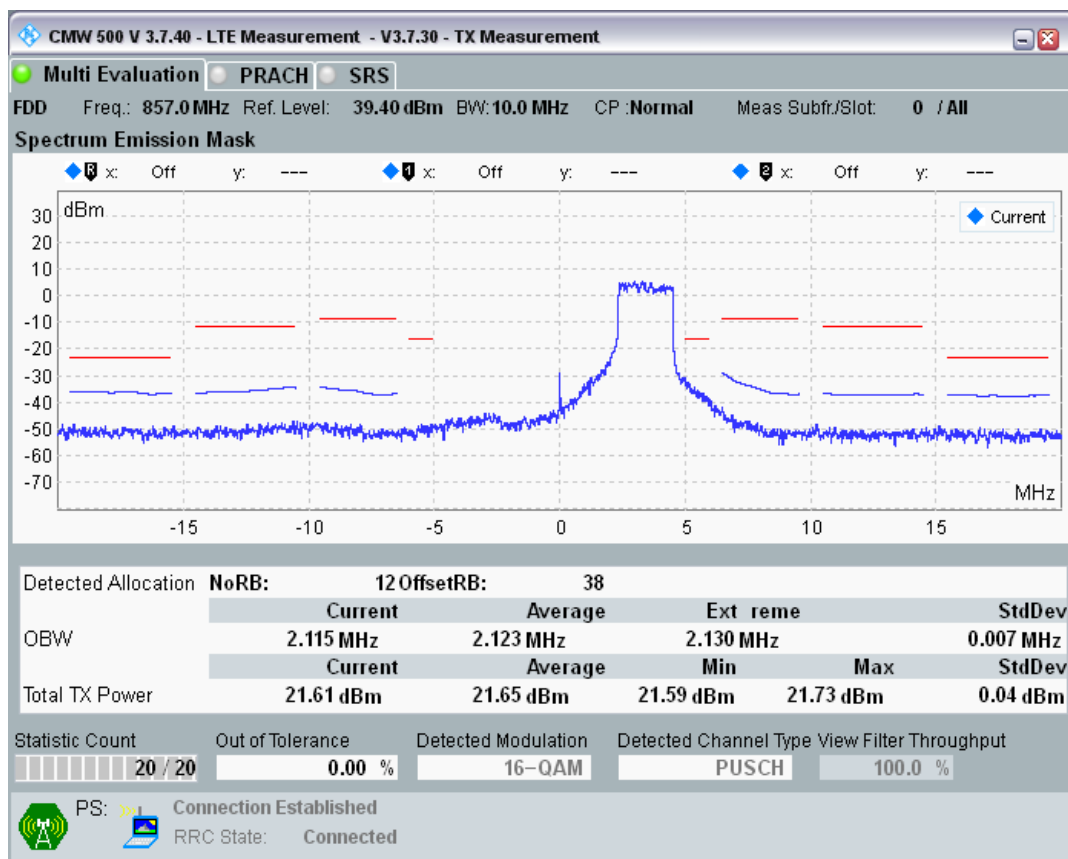


Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#0.png

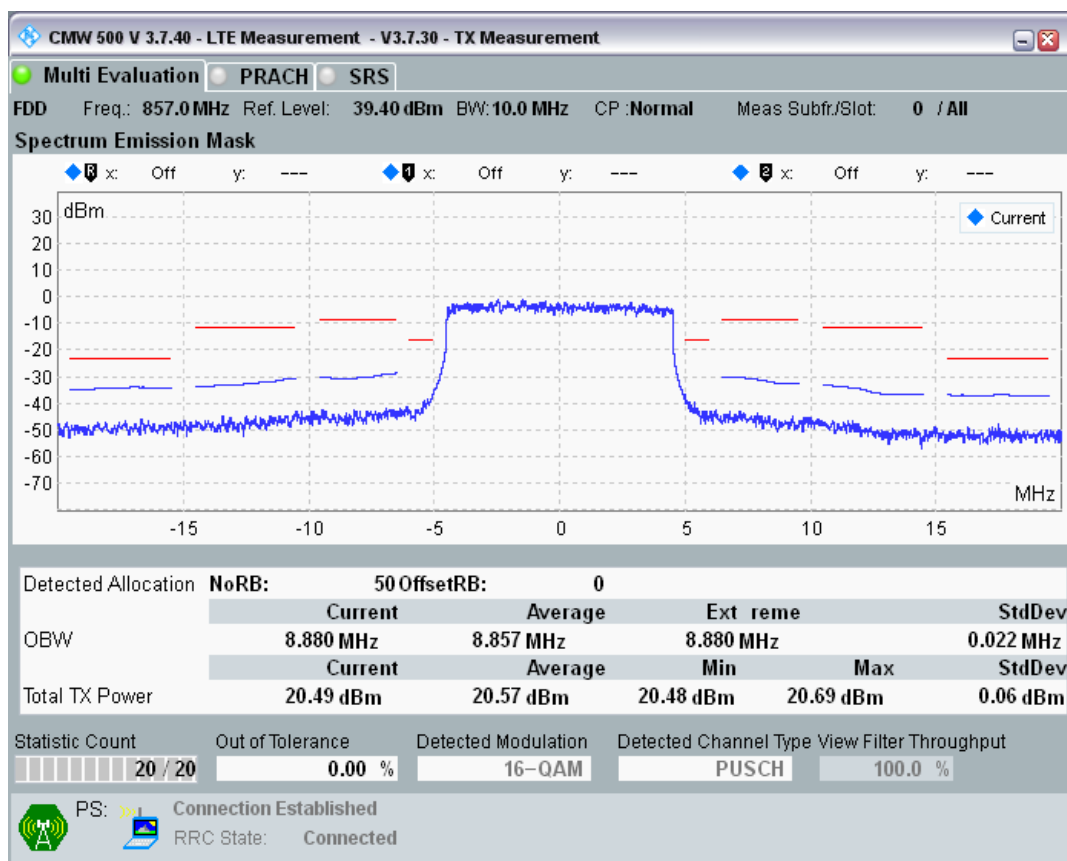




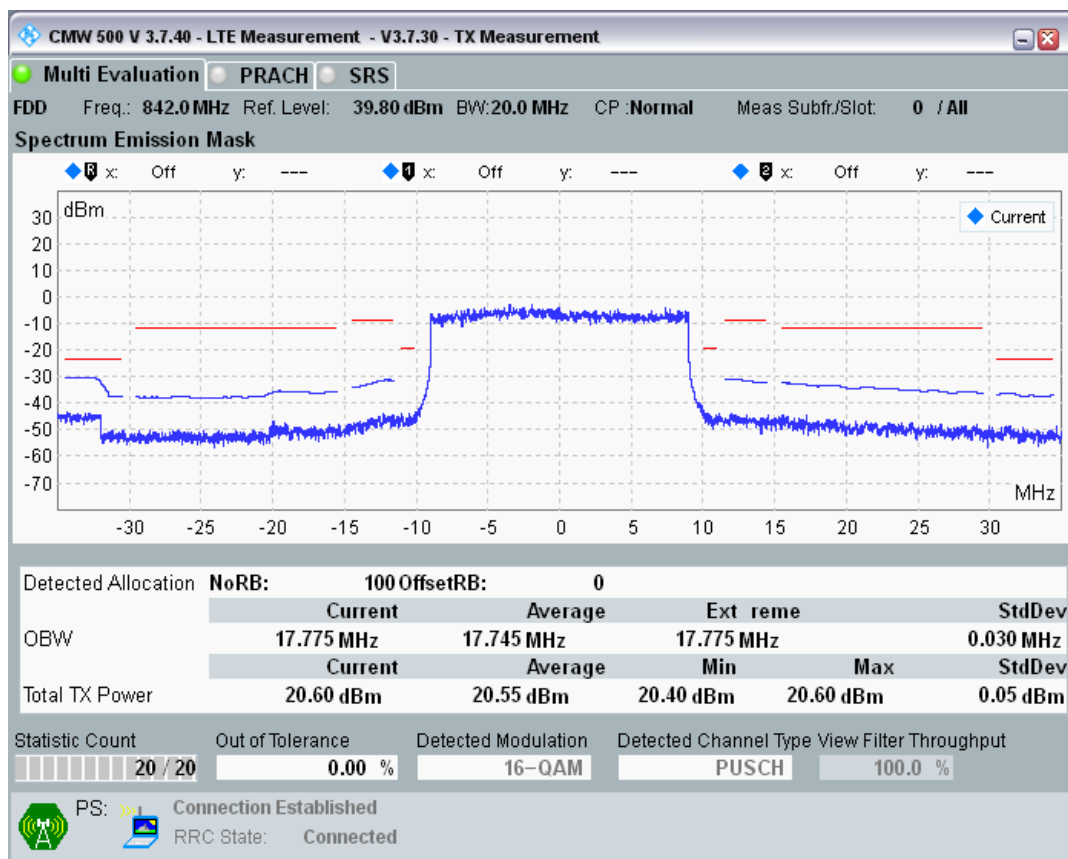
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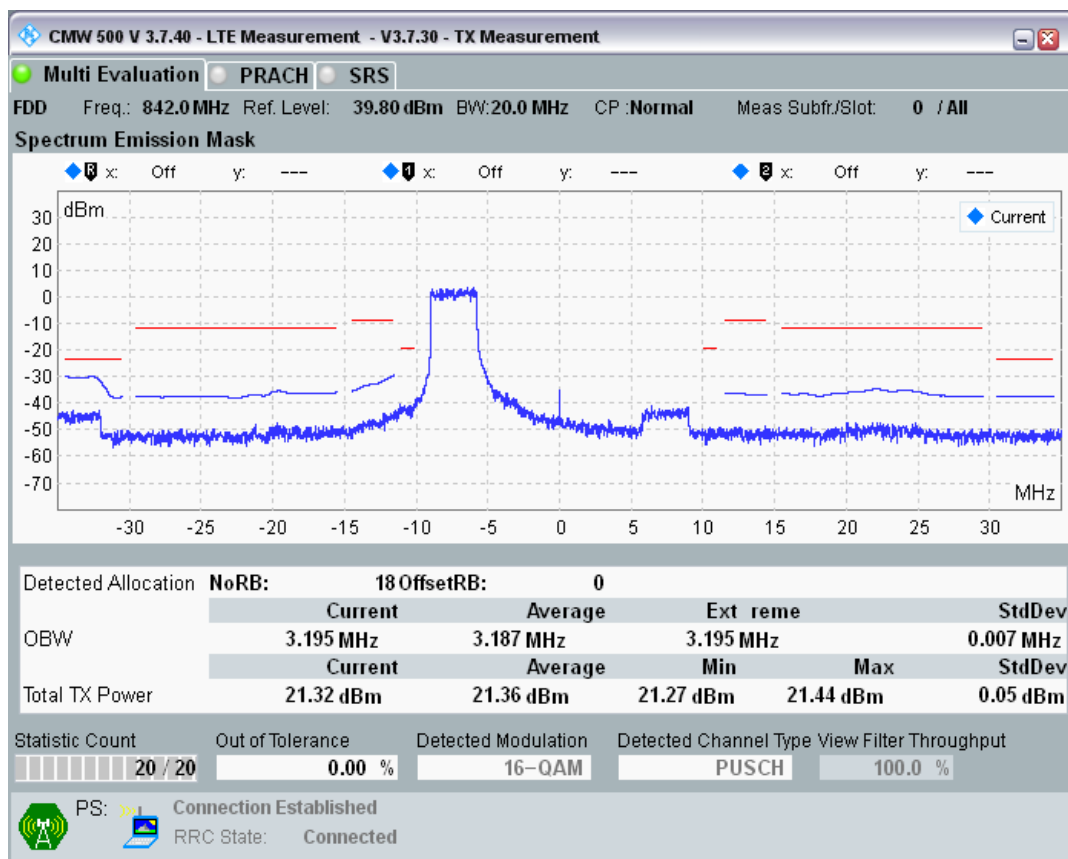
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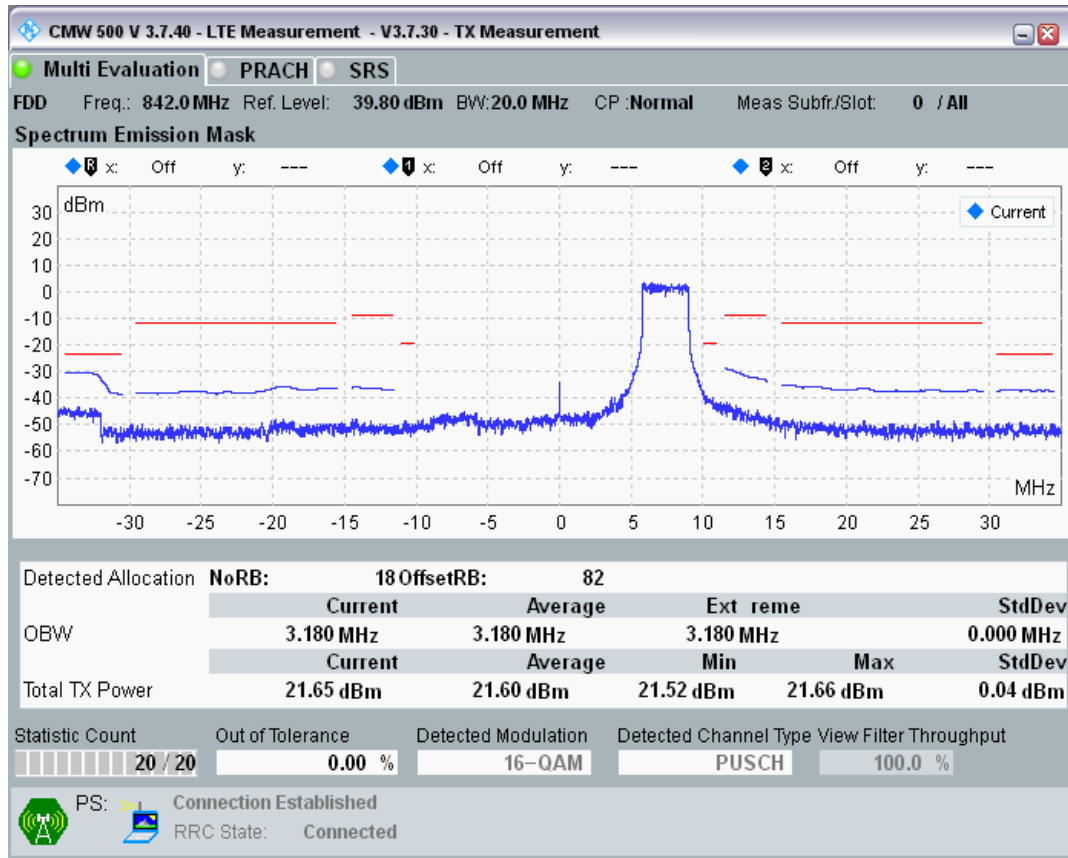
Band20 QAM16 BW=20MHz Channel=24250 RB Size=100 Position=#0.png



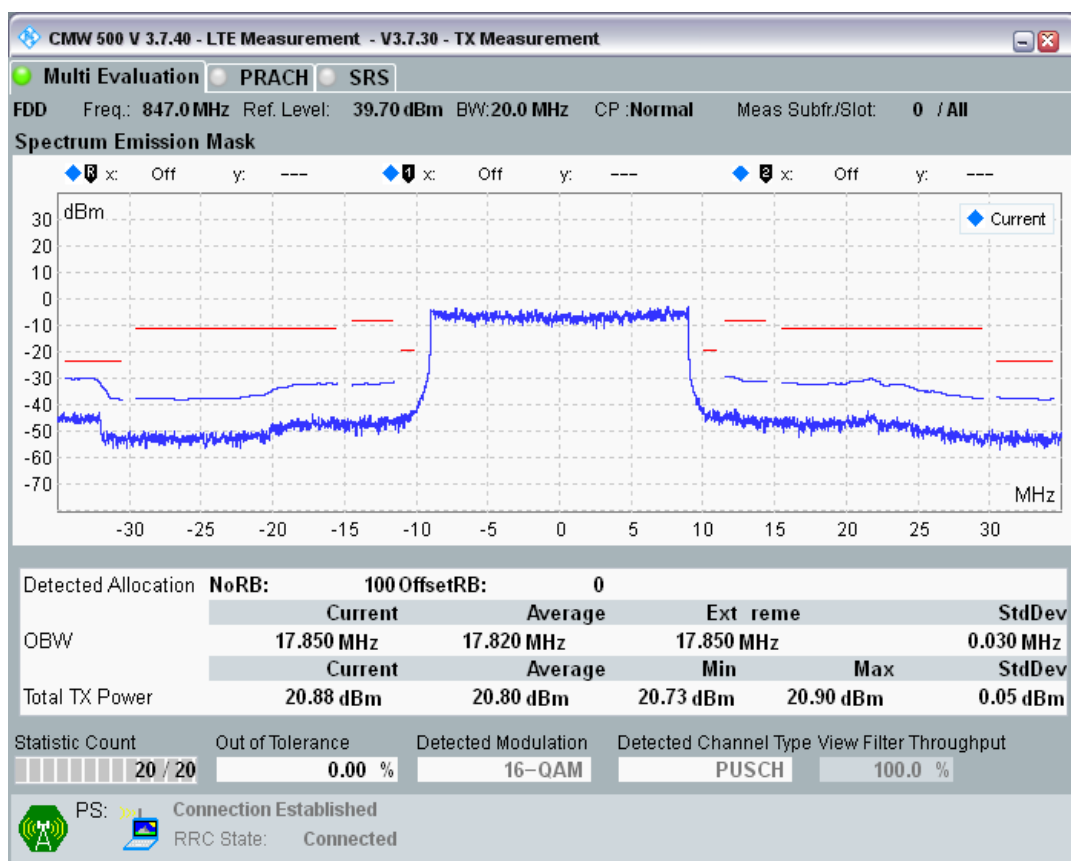
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#0.png



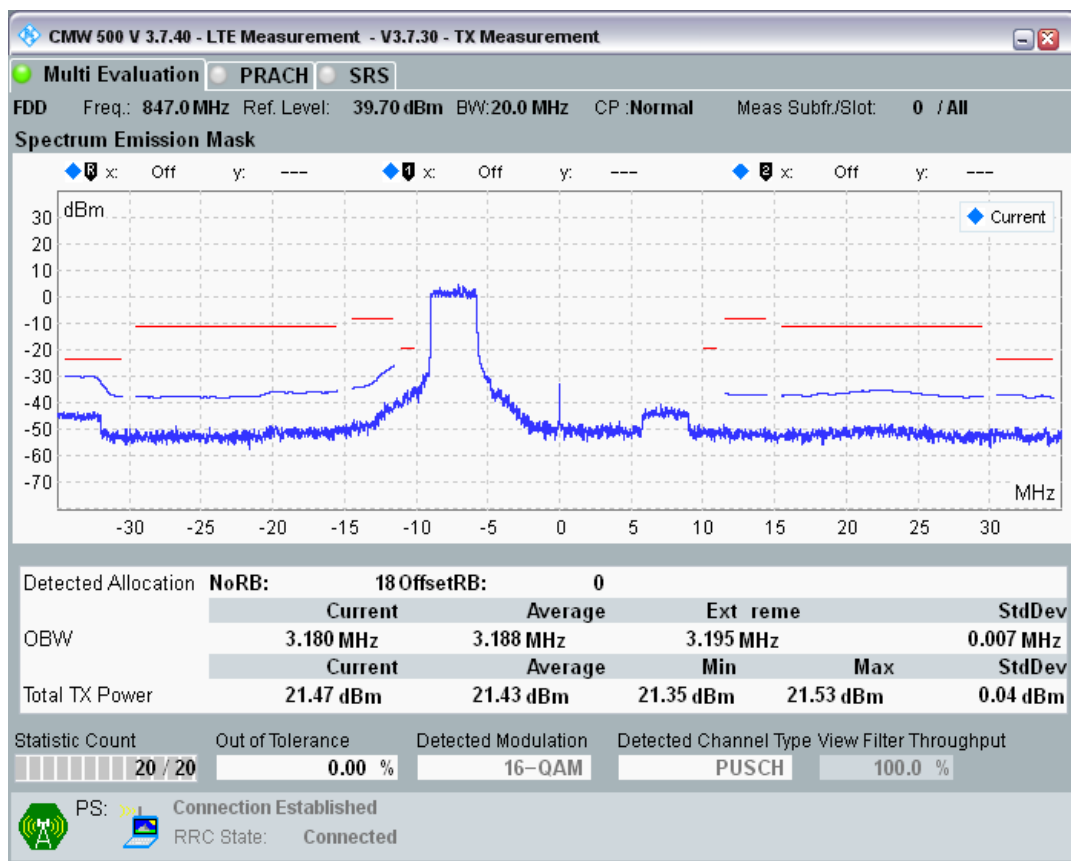
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



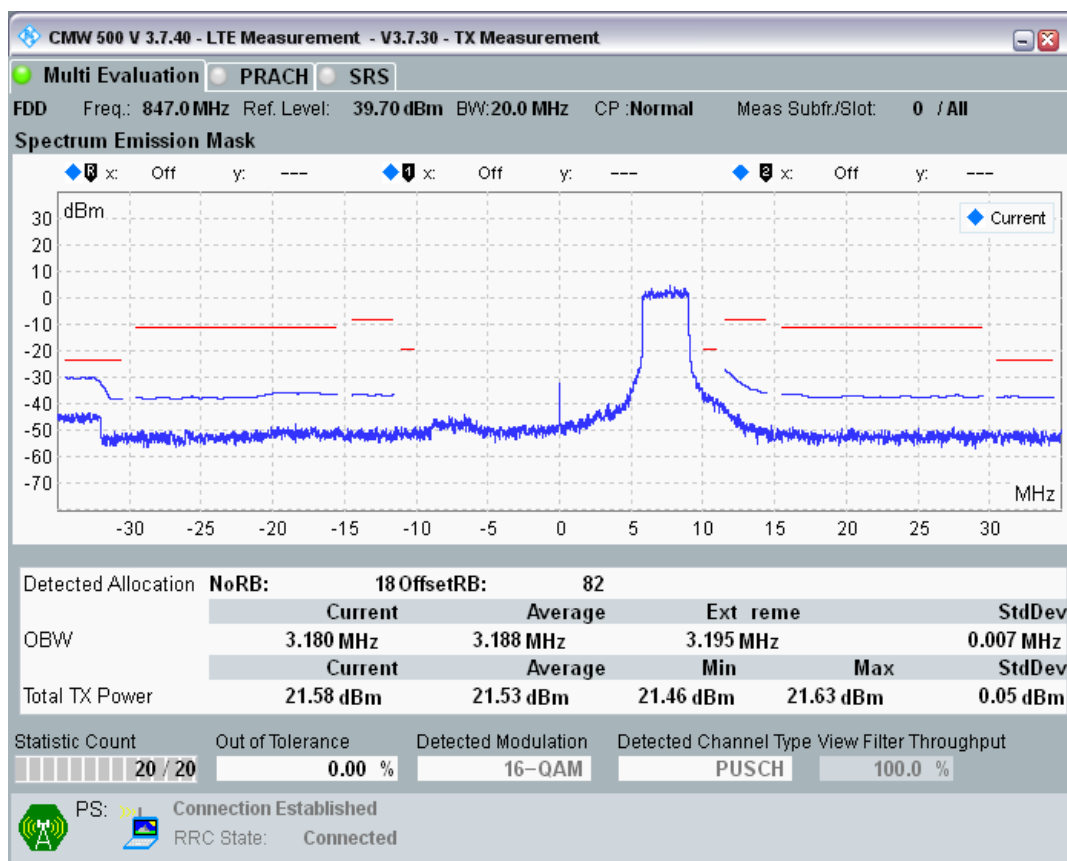
Band20 QAM16 BW=20MHz Channel=24300 RB Size=100 Position=#0.png



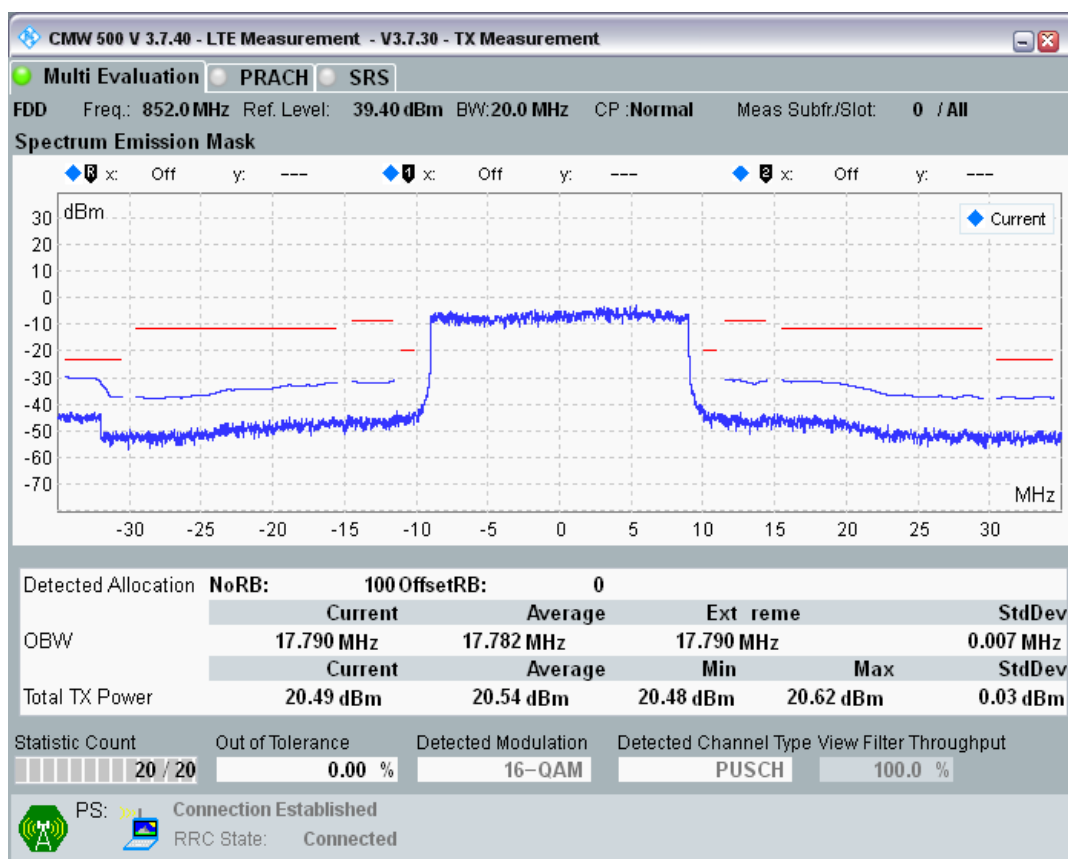
Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#0.png



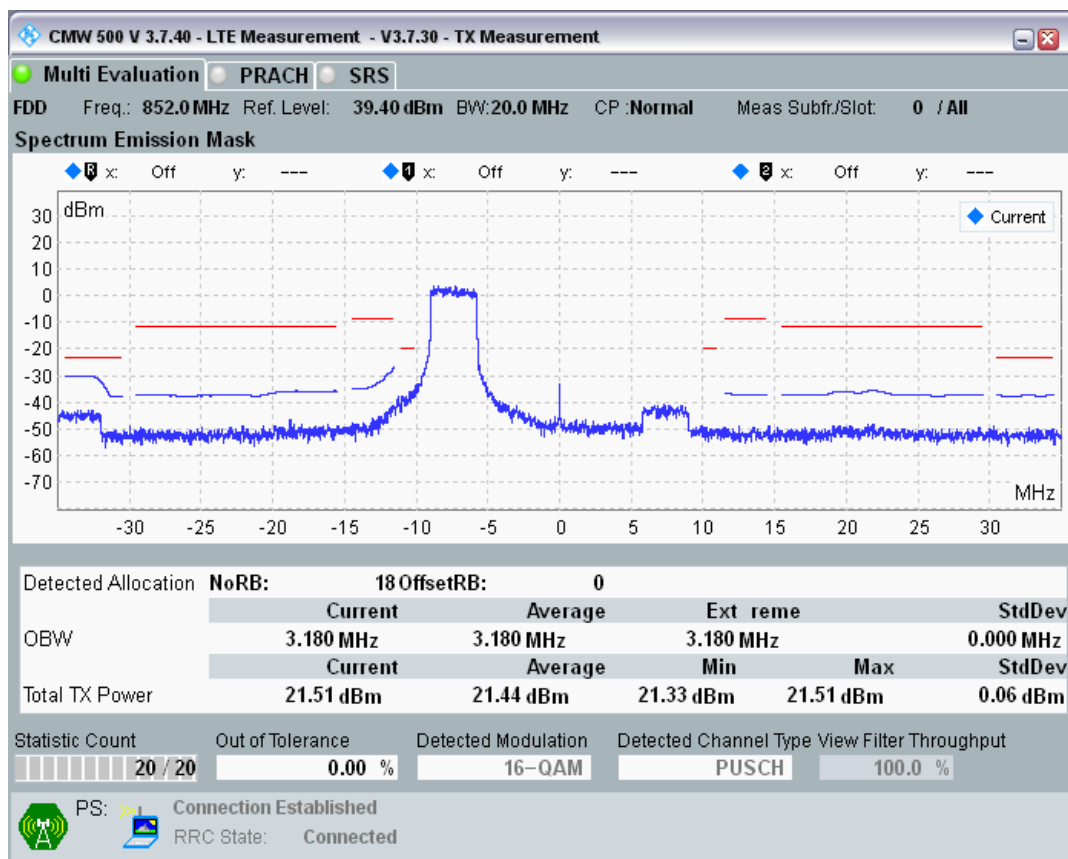
Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#Max.png



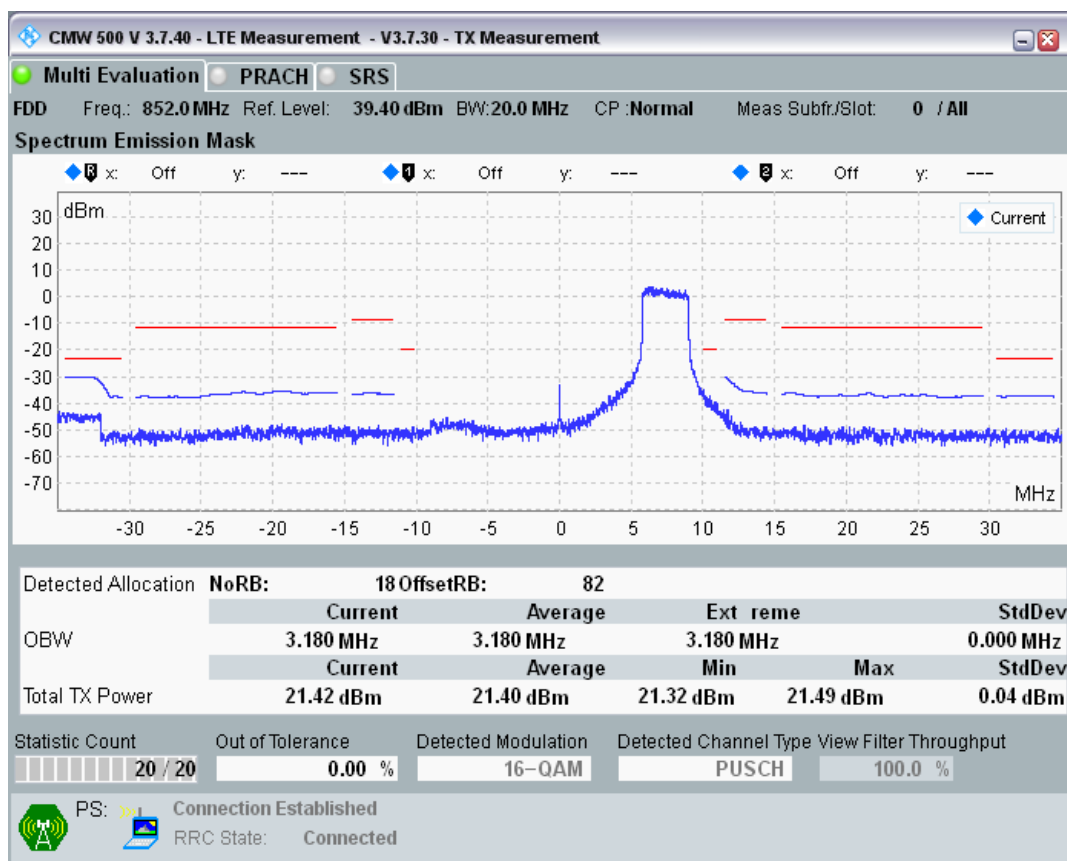
Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#0.png

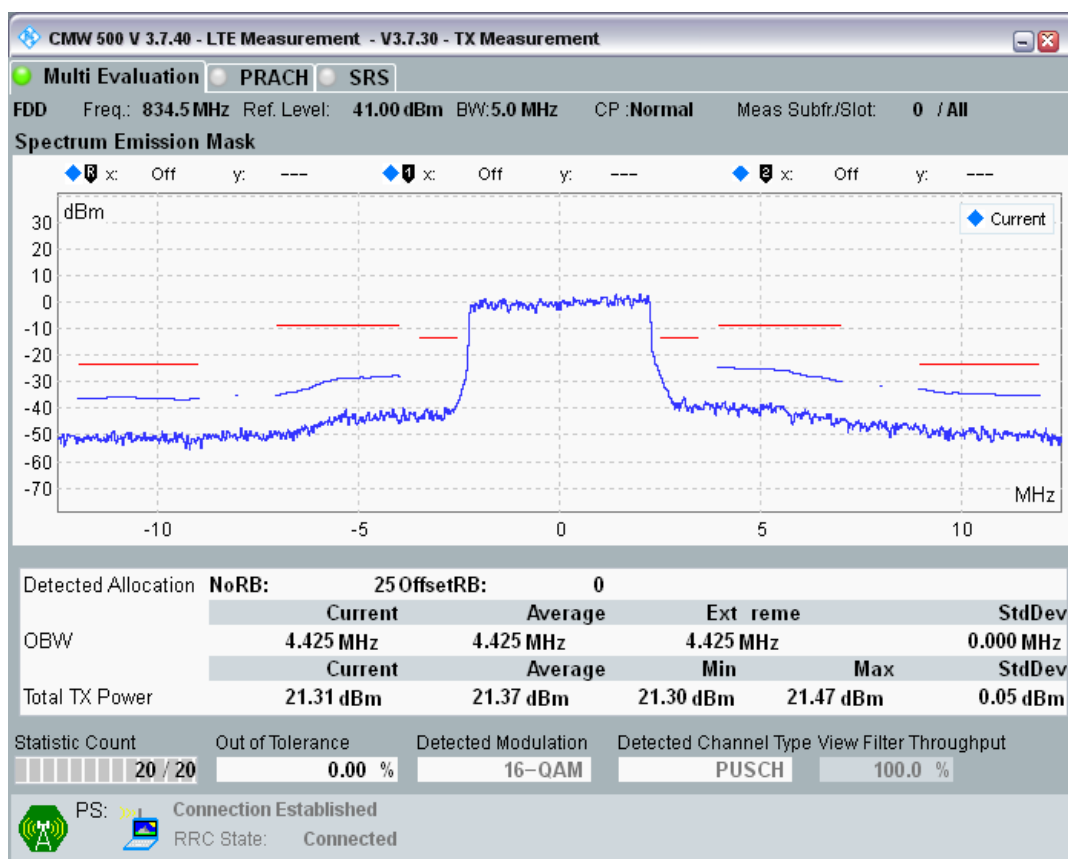


Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#Max.png

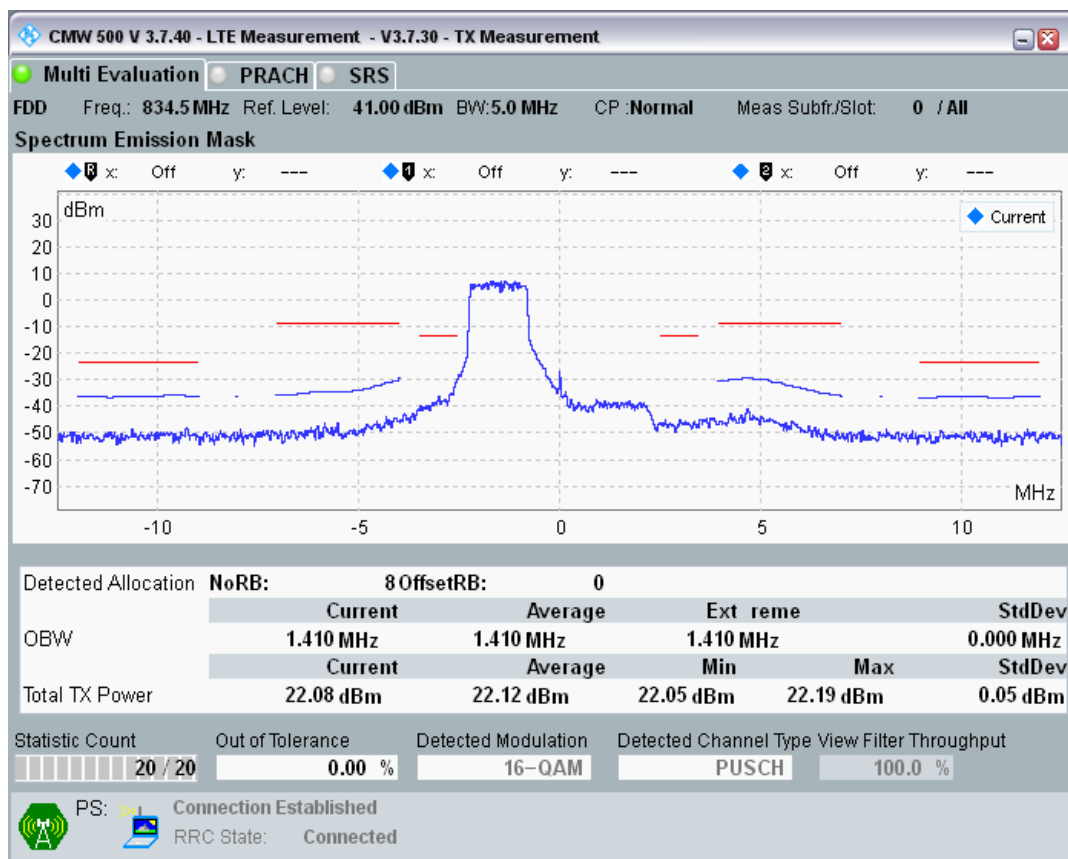


Band20 QAM16 BW=5MHz Channel=24175 RB Size=25 Position=#0.png

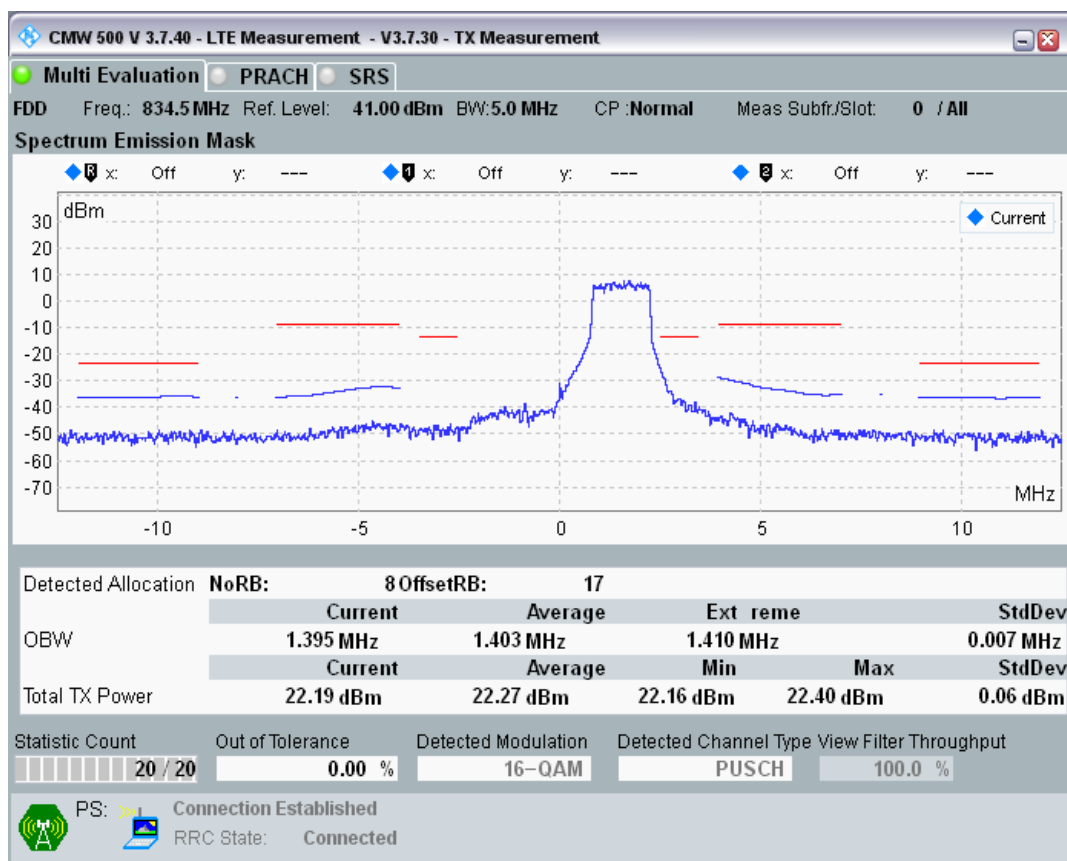




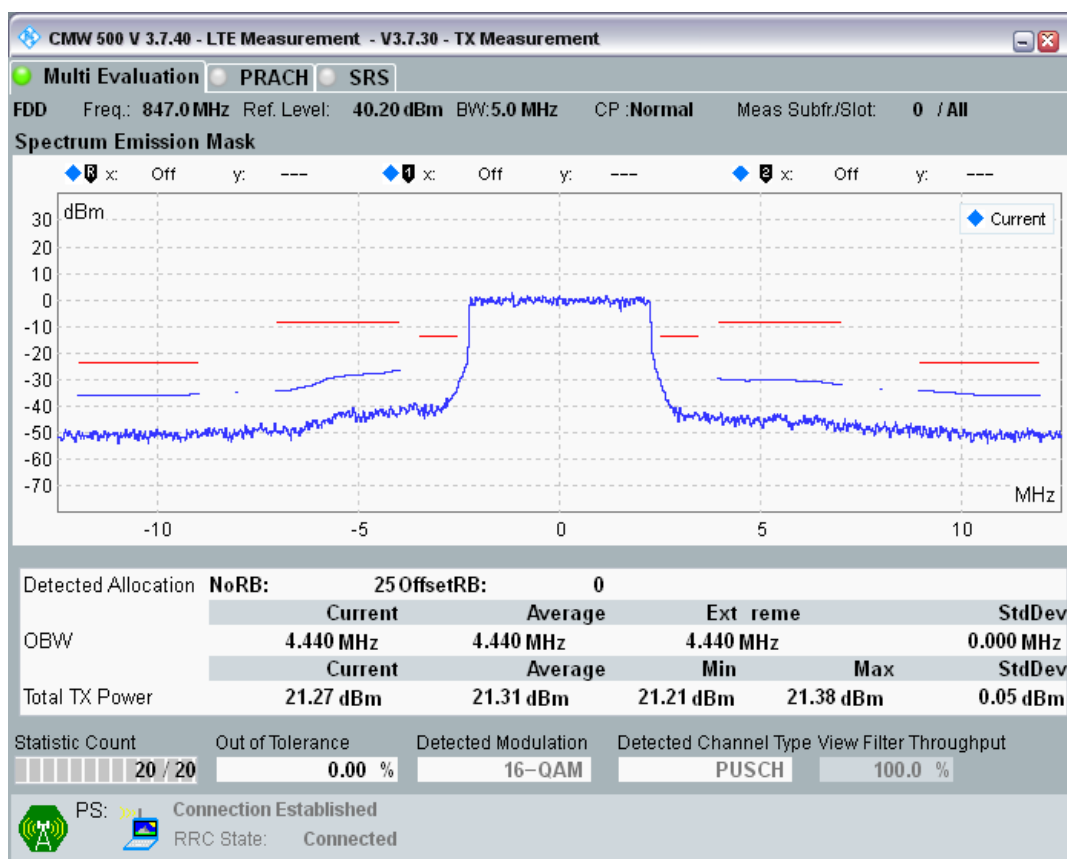
Band20 QAM16 BW=5MHz Channel=24175 RB Size=8 Position=#0.png



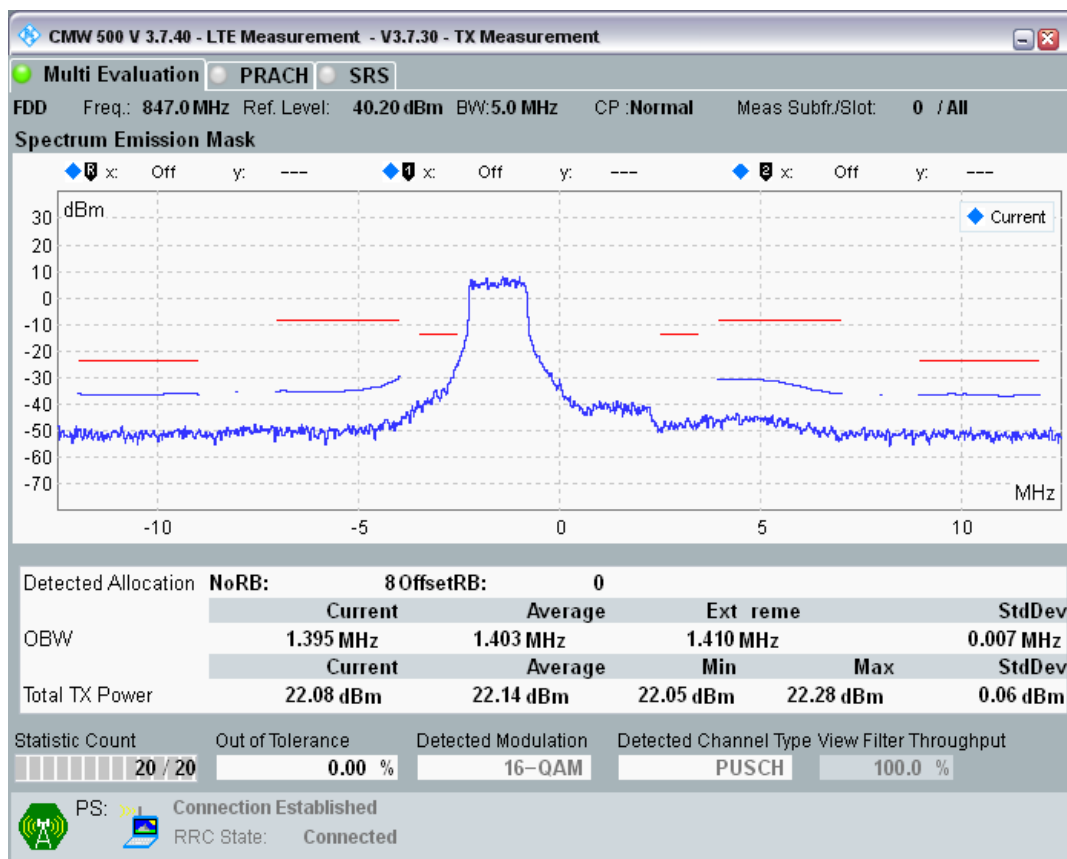
Band20 QAM16 BW=5MHz Channel=24175 RB Size=8 Position=#Max.png



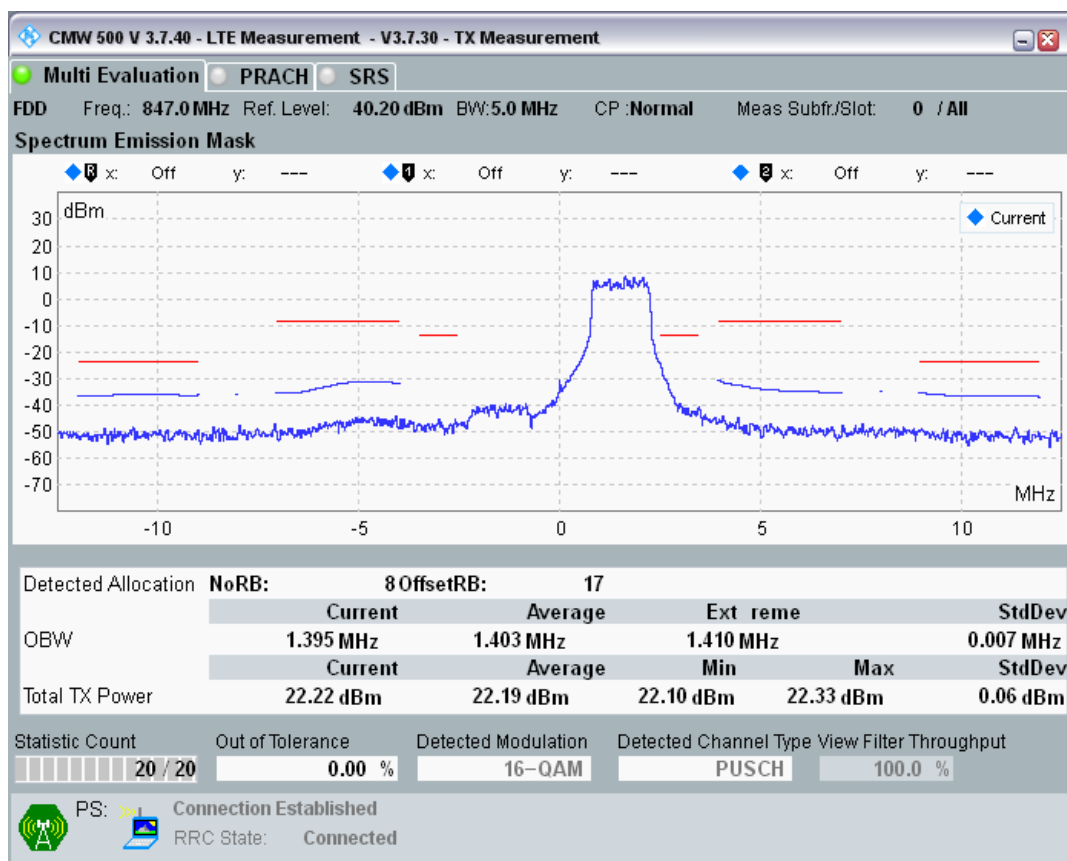
Band20 QAM16 BW=5MHz Channel=24300 RB Size=25 Position=#0.png



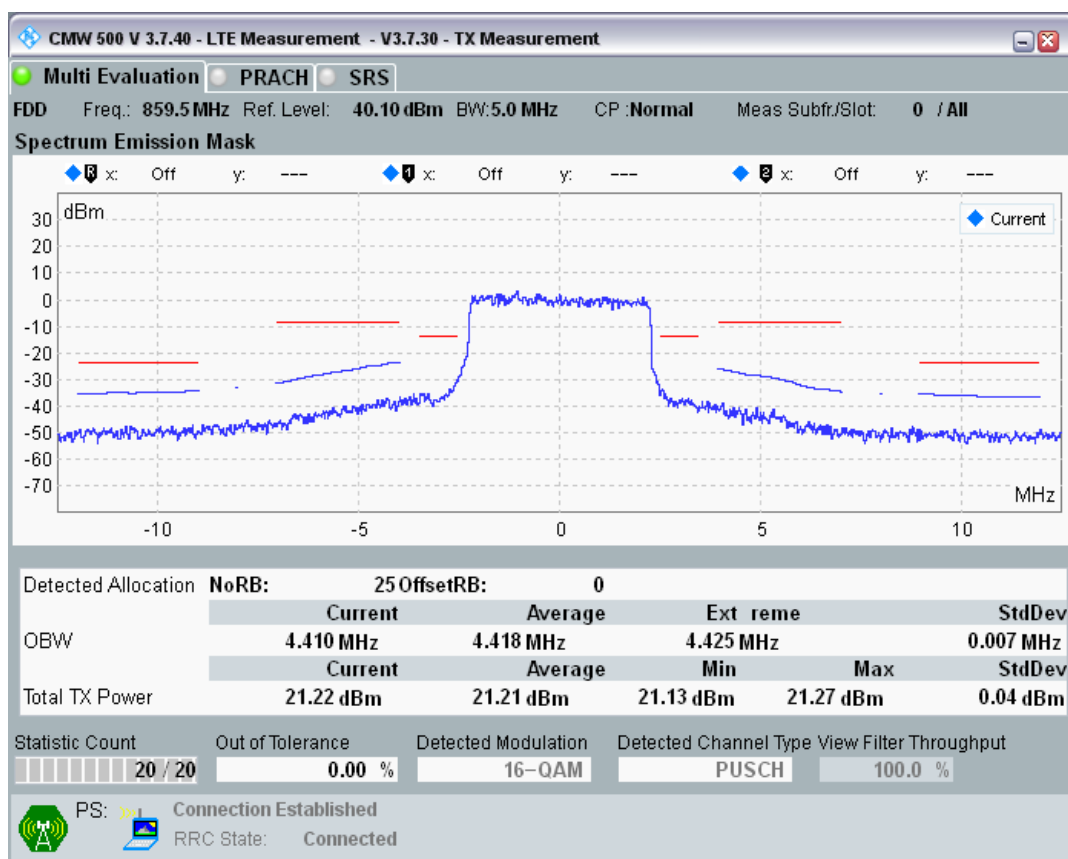
Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#0.png



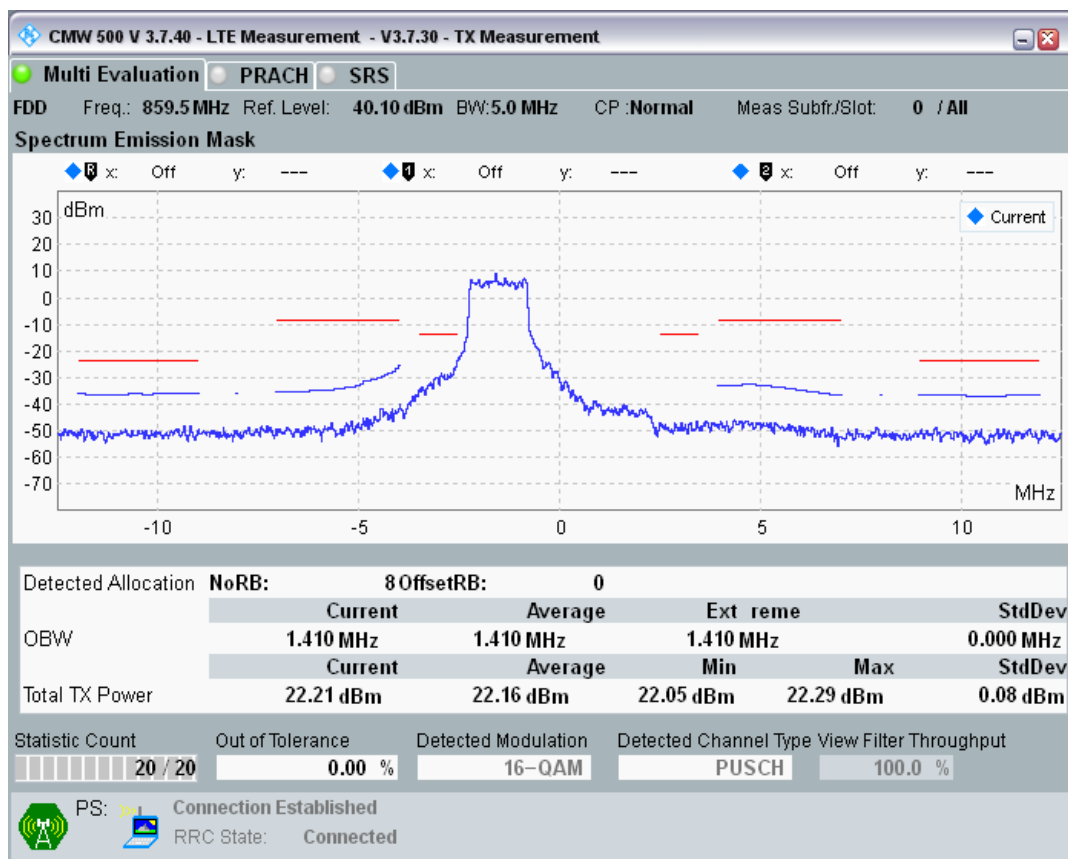
Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#Max.png



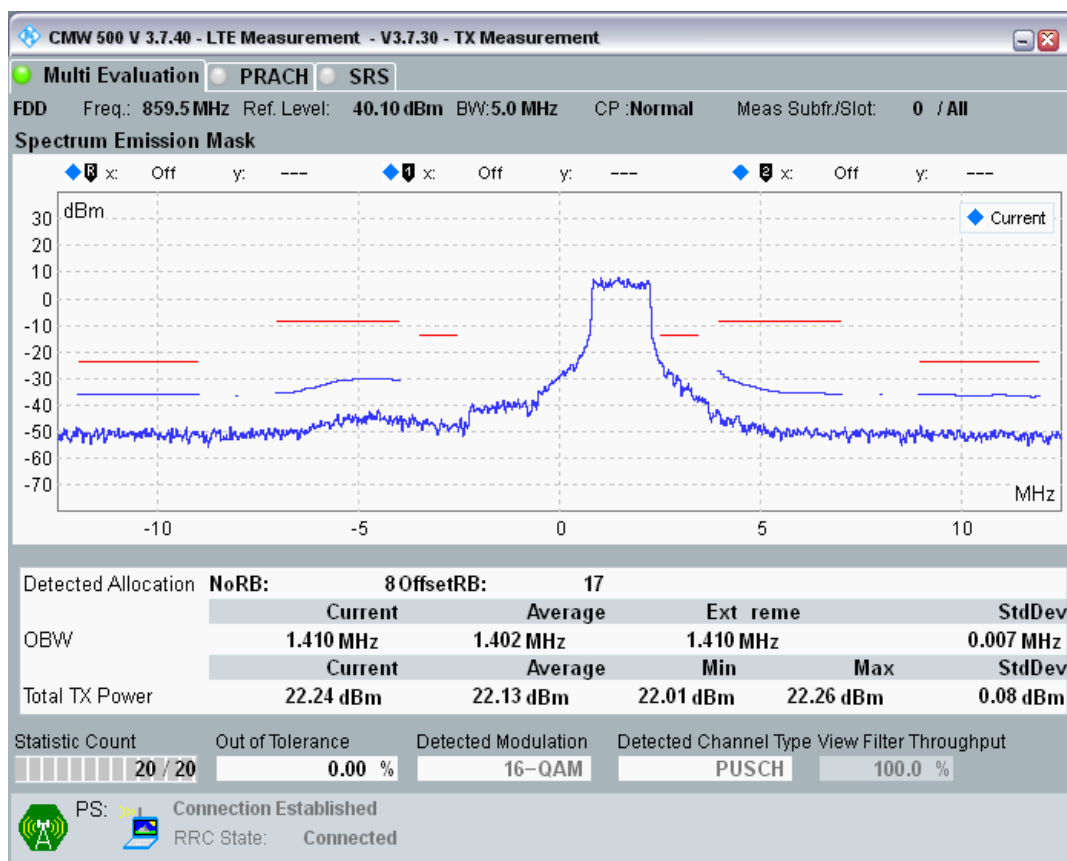
Band20 QAM16 BW=5MHz Channel=24425 RB Size=25 Position=#0.png



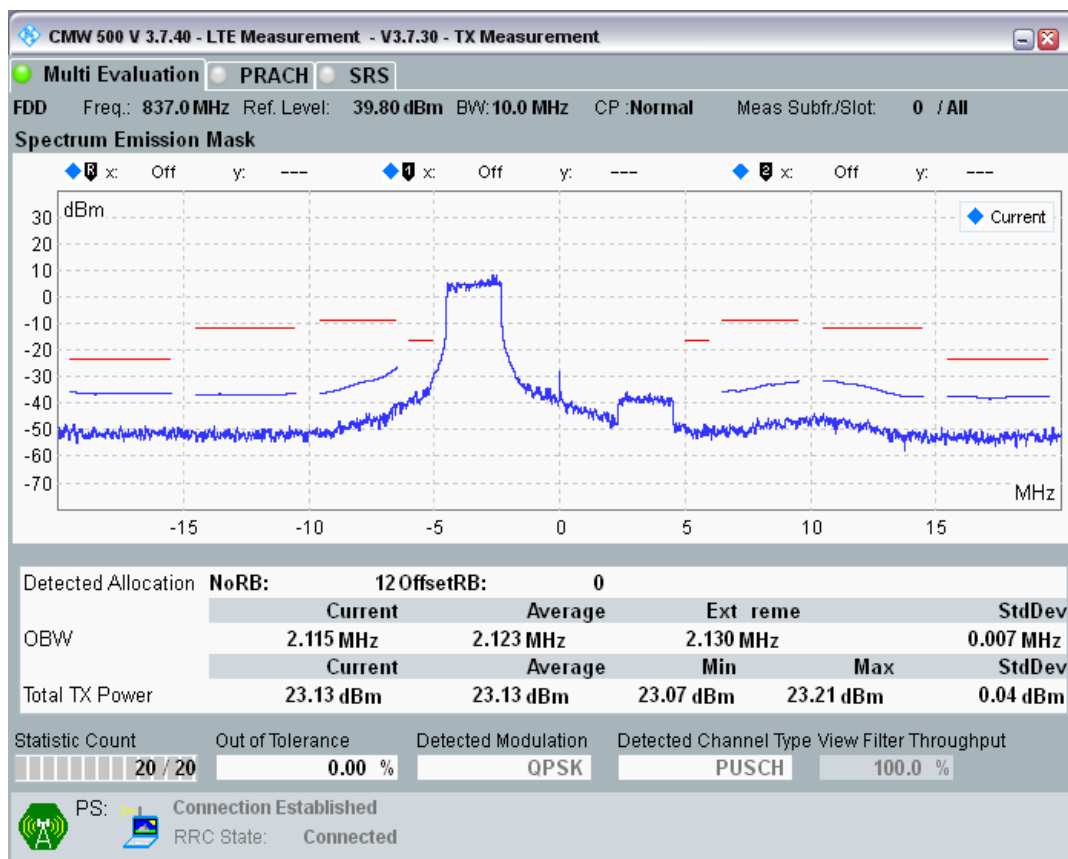
Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#0.png



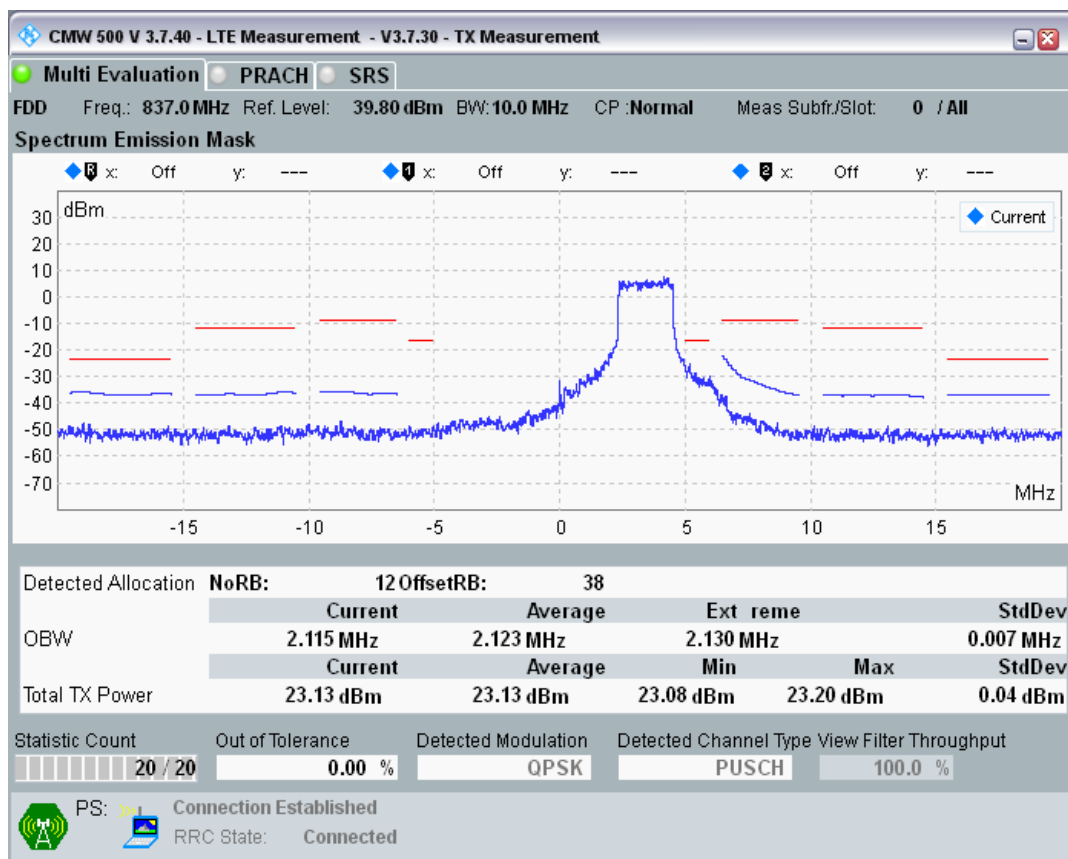
Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#Max.png



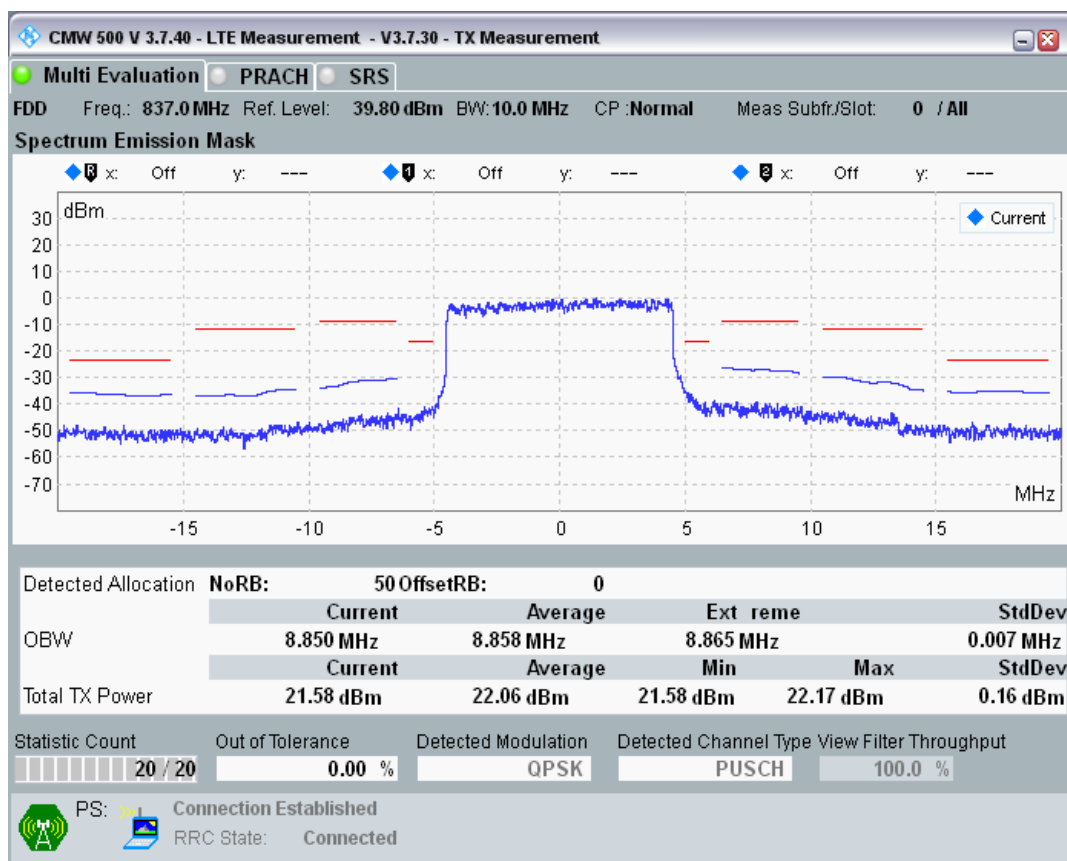
Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#Max.png

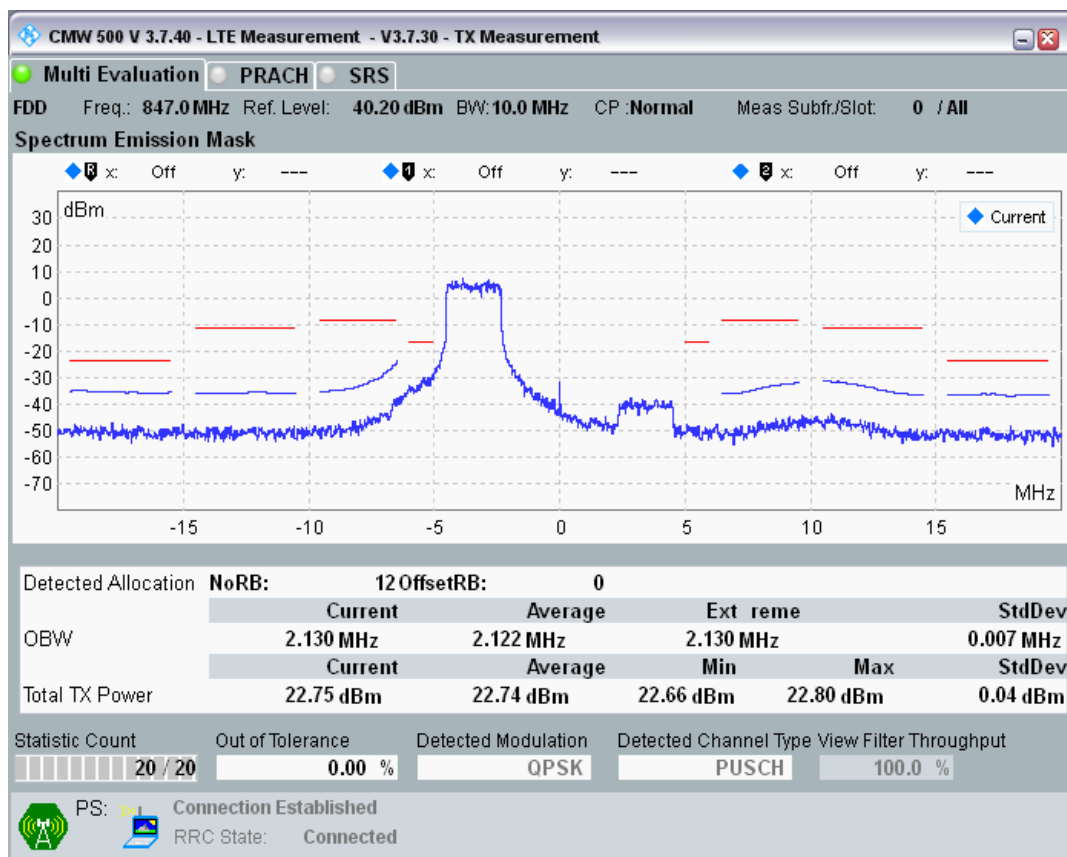


Band20 QPSK BW=10MHz Channel=24200 RB Size=50 Position=#0.png

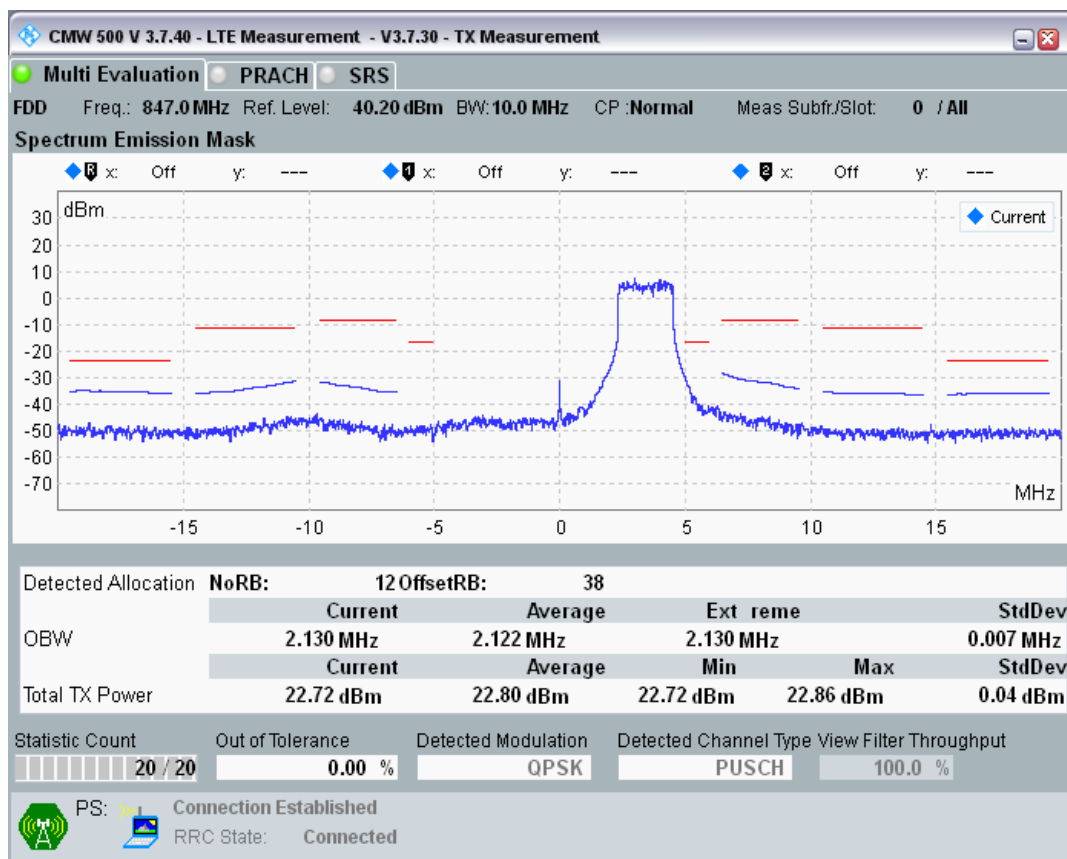


Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#0.png

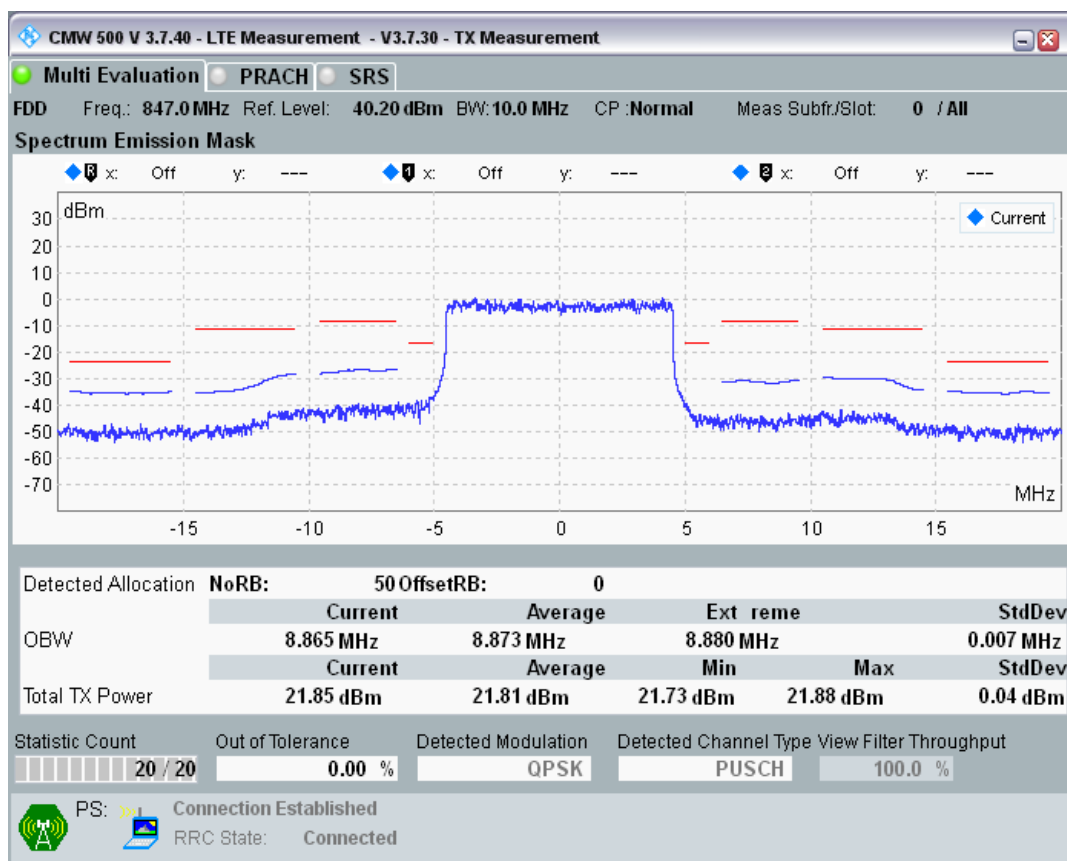




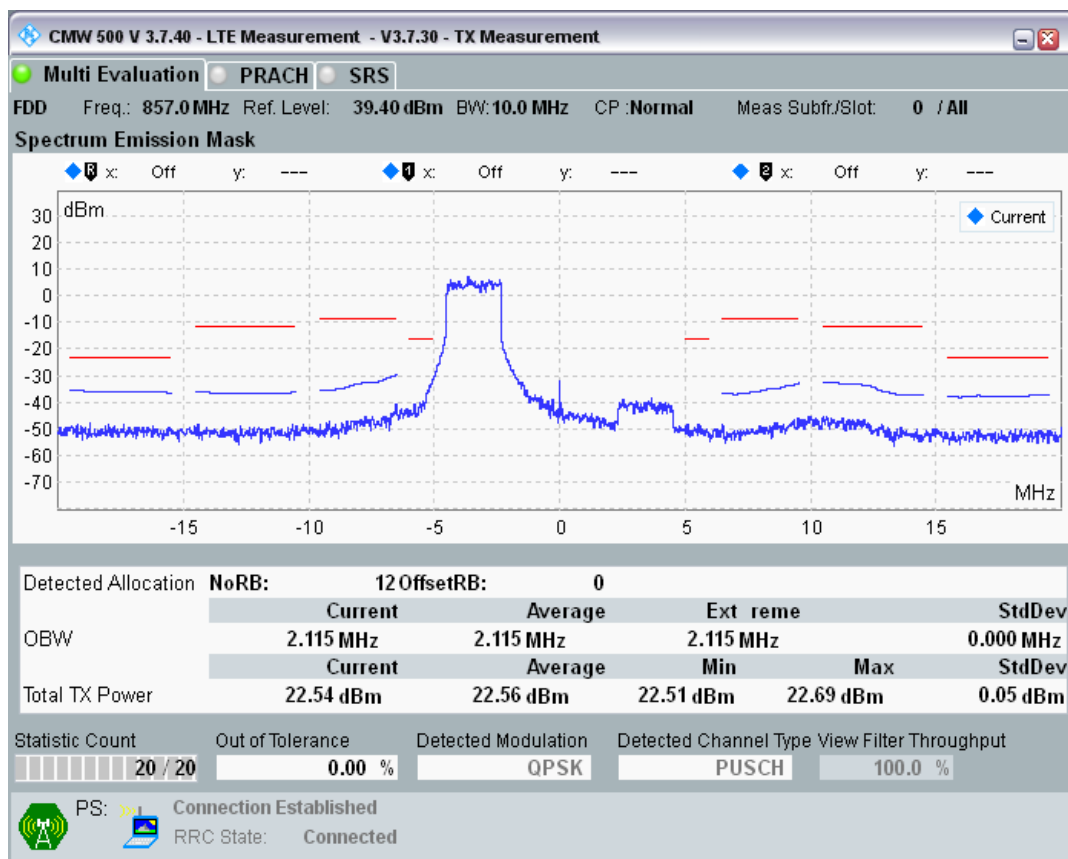
Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#Max.png



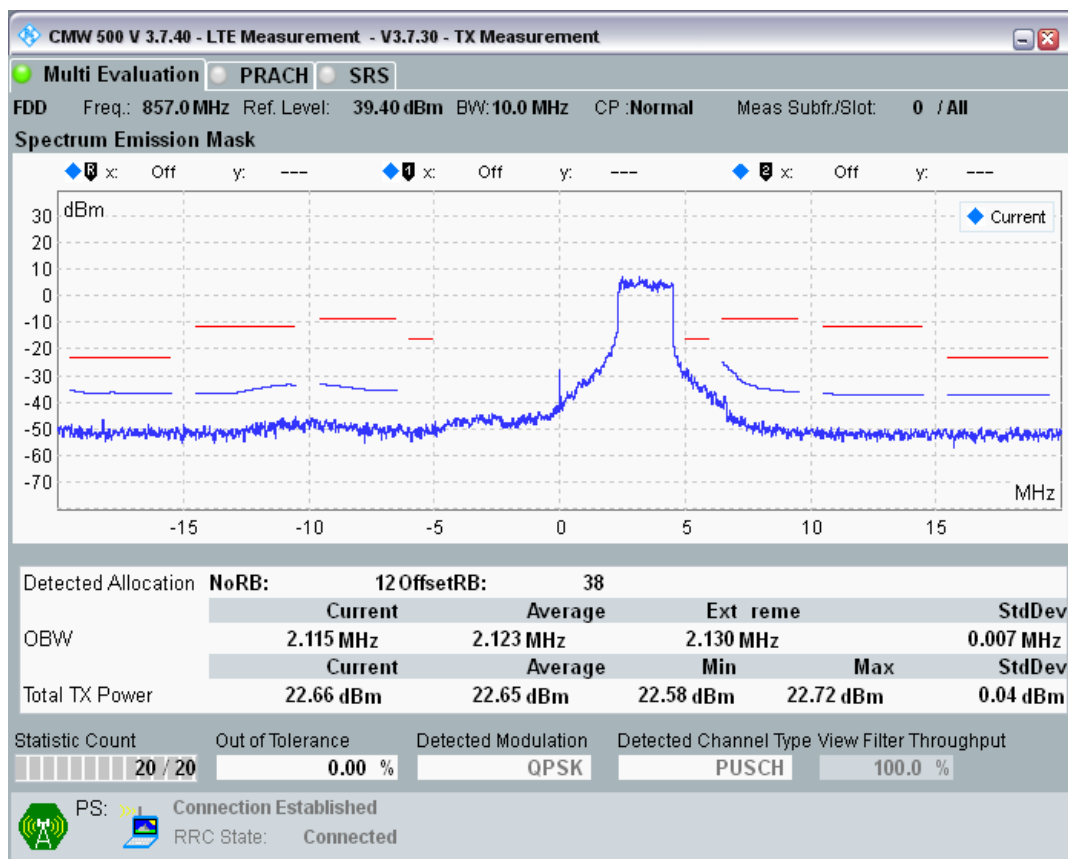
Band20 QPSK BW=10MHz Channel=24300 RB Size=50 Position=#0.png



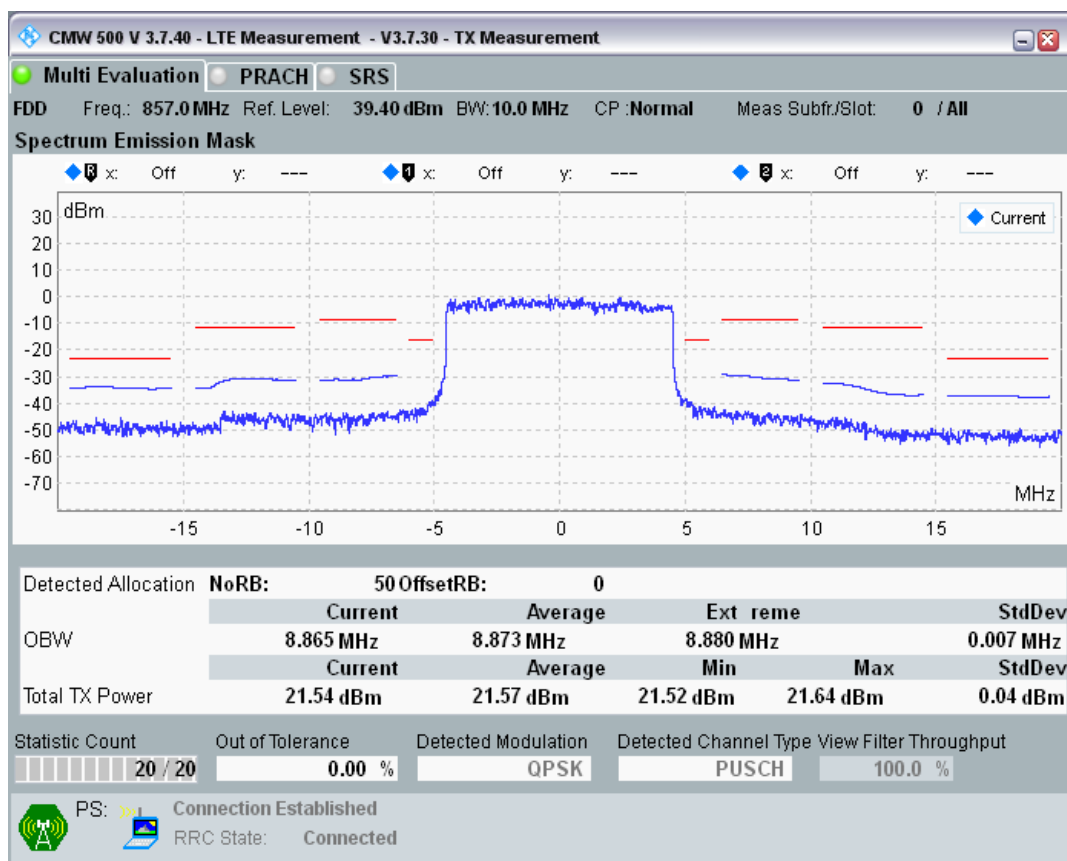
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#0.png



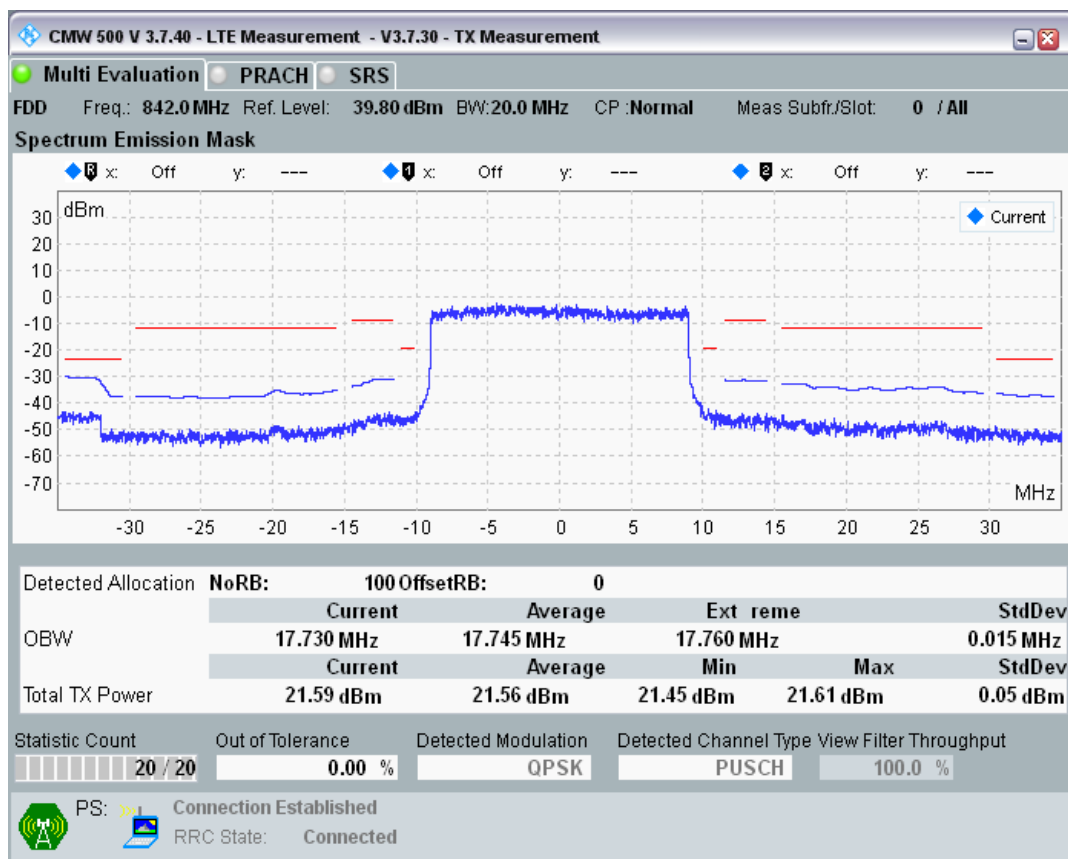
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



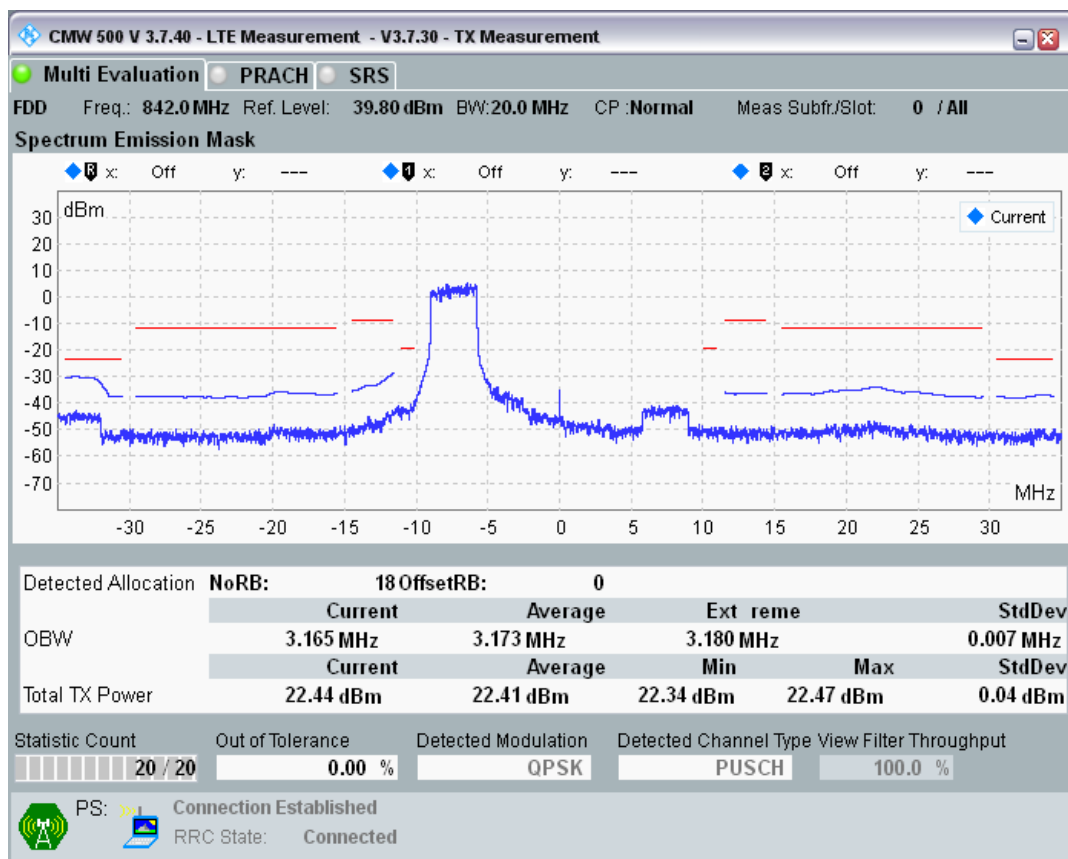
Band20 QPSK BW=10MHz Channel=24400 RB Size=50 Position=#0.png



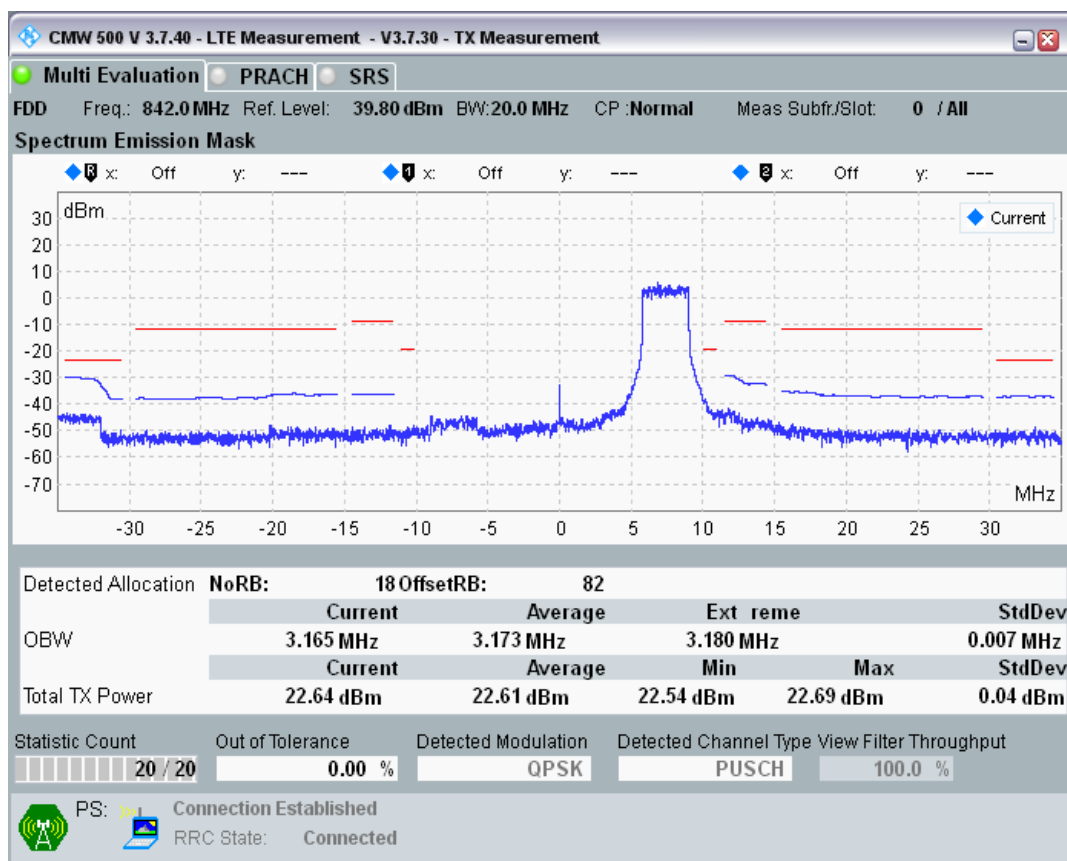
Band20 QPSK BW=20MHz Channel=24250 RB Size=100 Position=#0.png



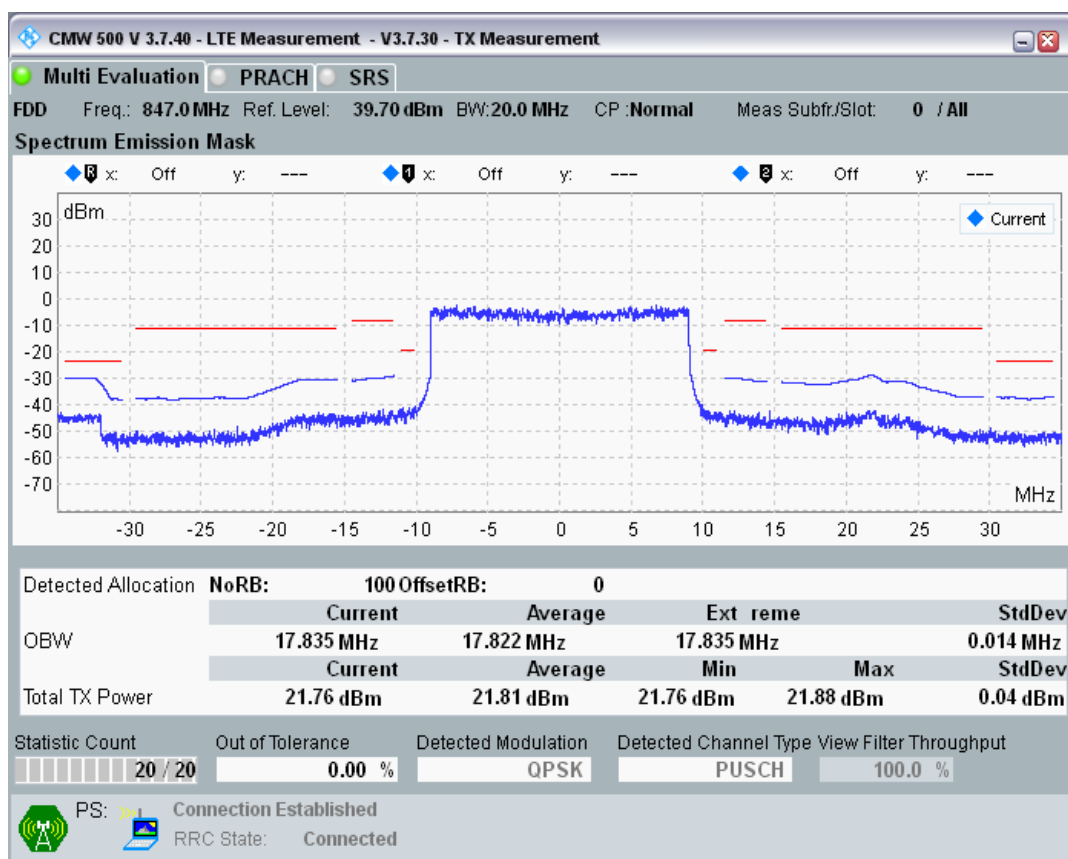
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#0.png



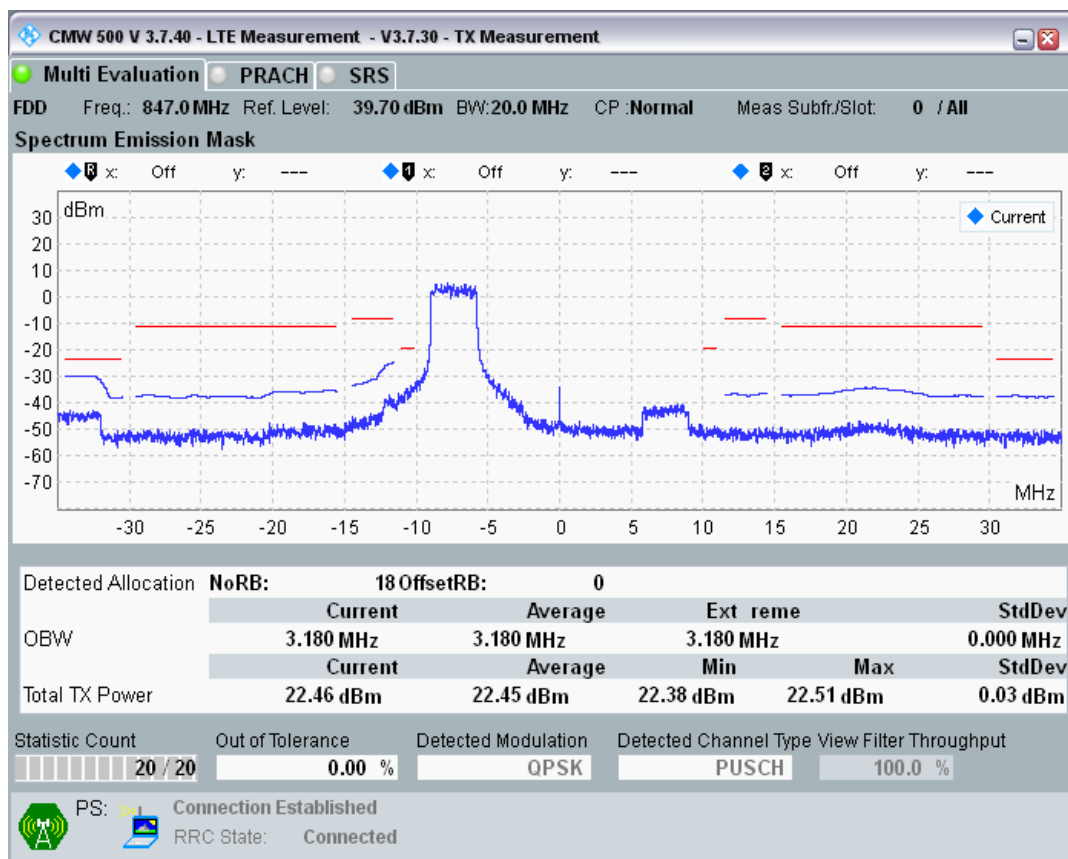
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



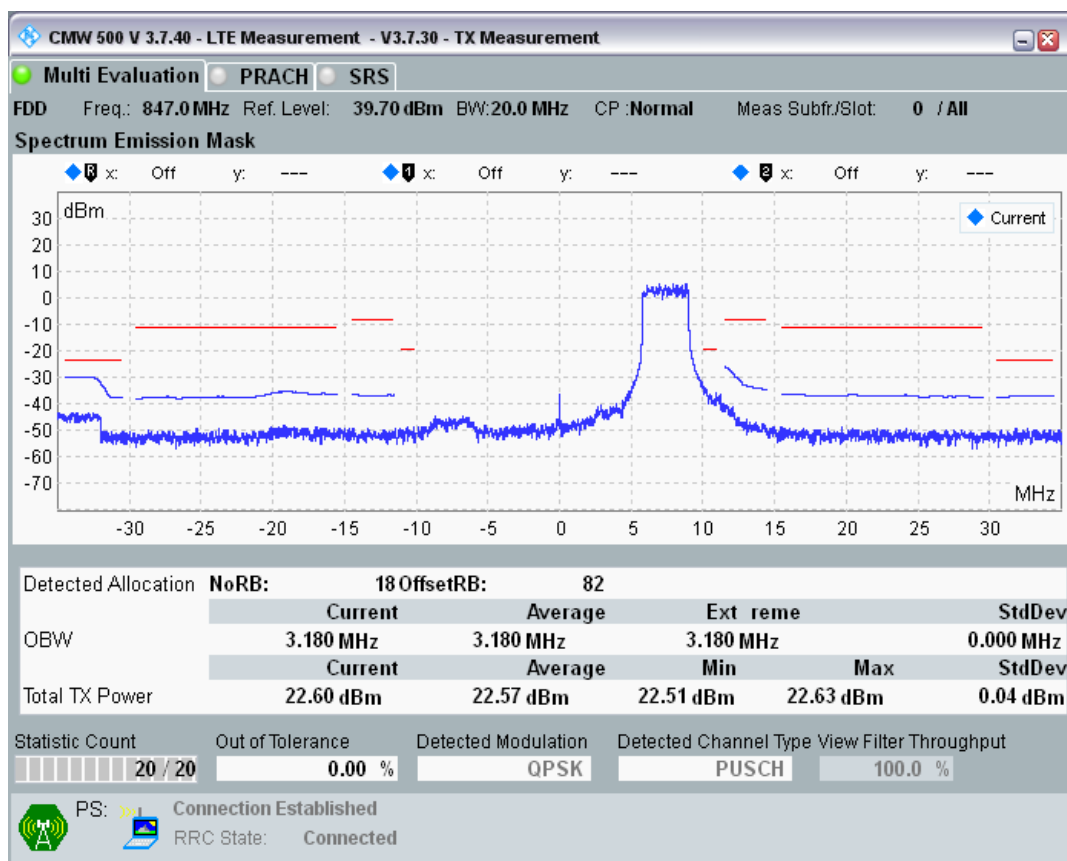
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0.png



Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#0.png

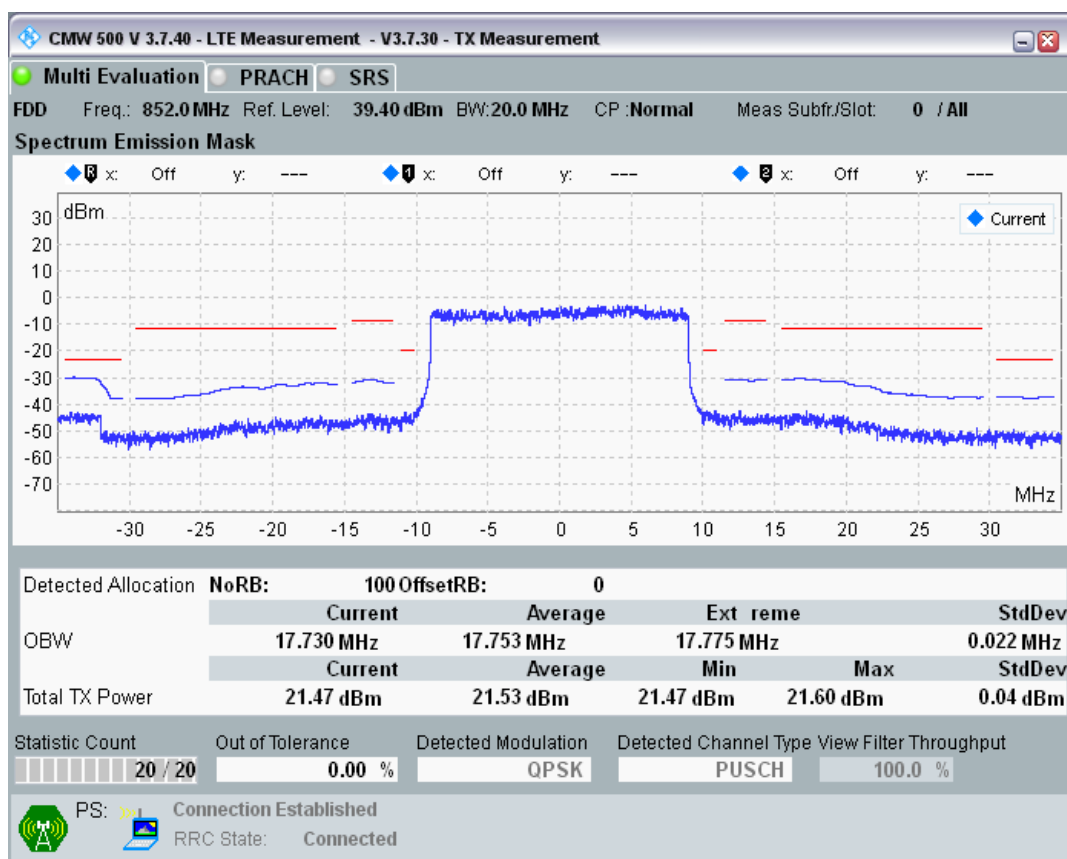


Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#Max.png

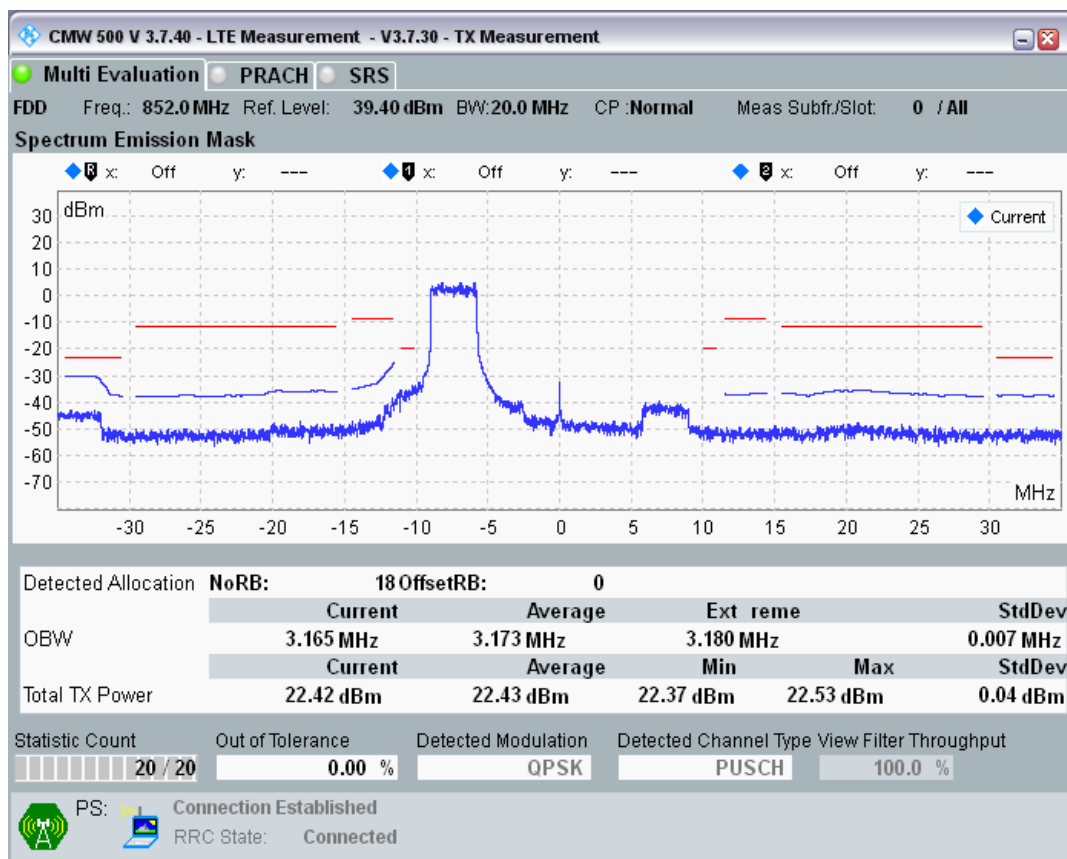


Band20 QPSK BW=20MHz Channel=24350 RB Size=100 Position=#0.png

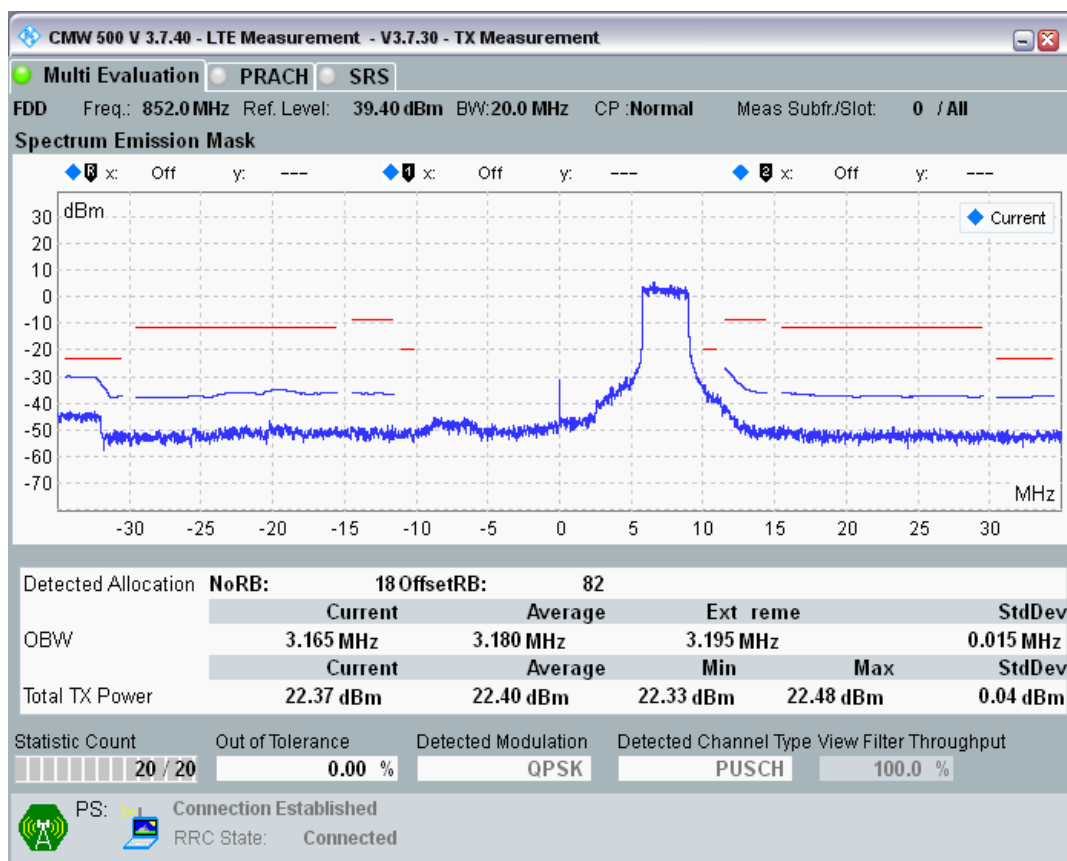




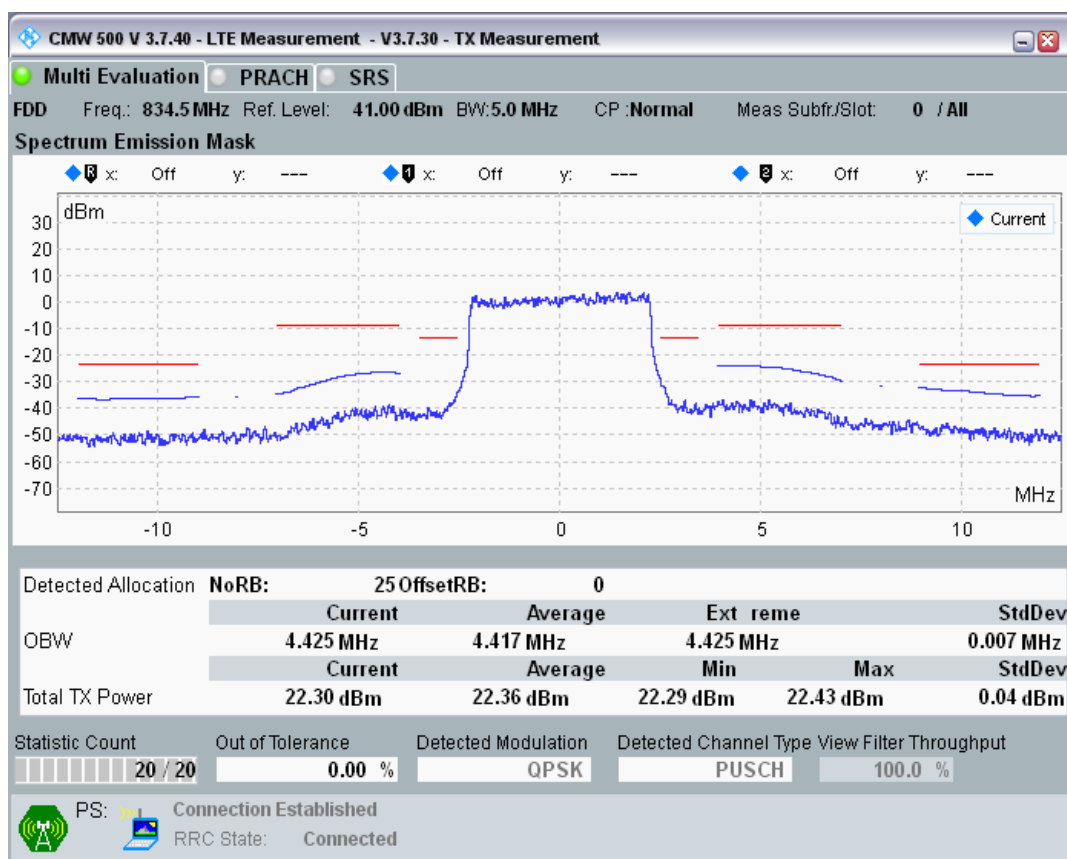
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#0.png



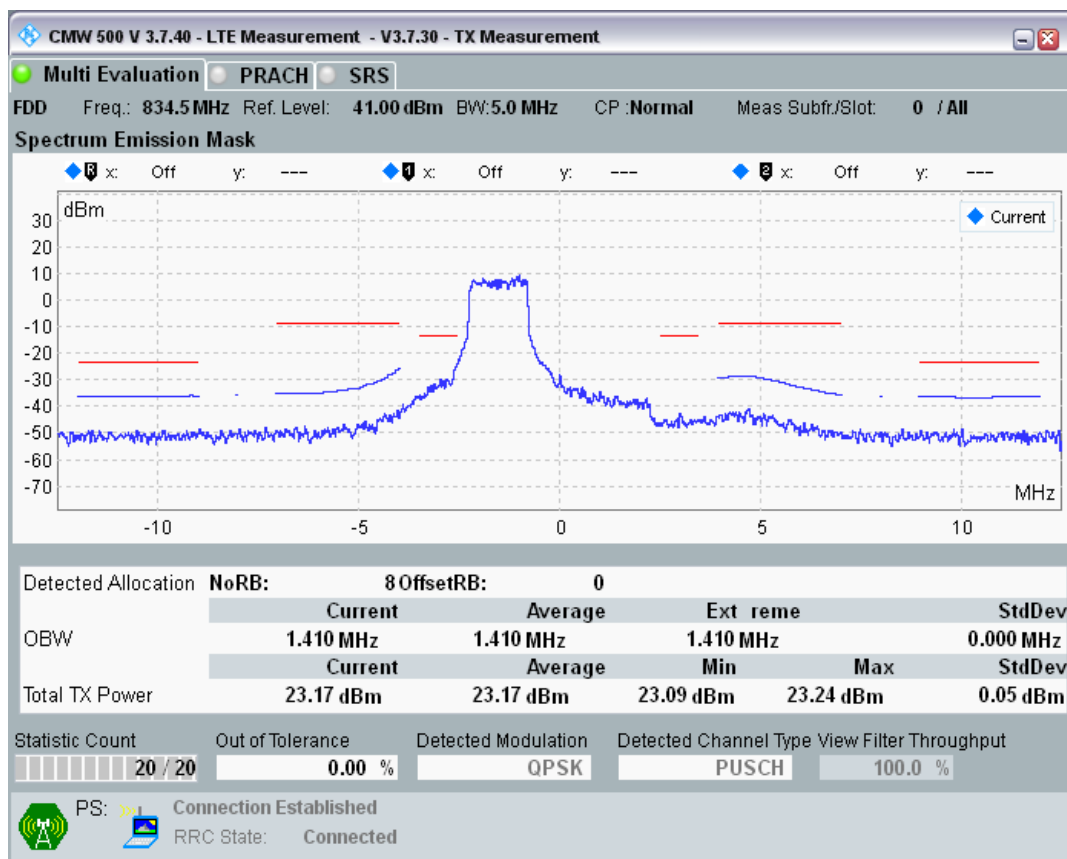
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



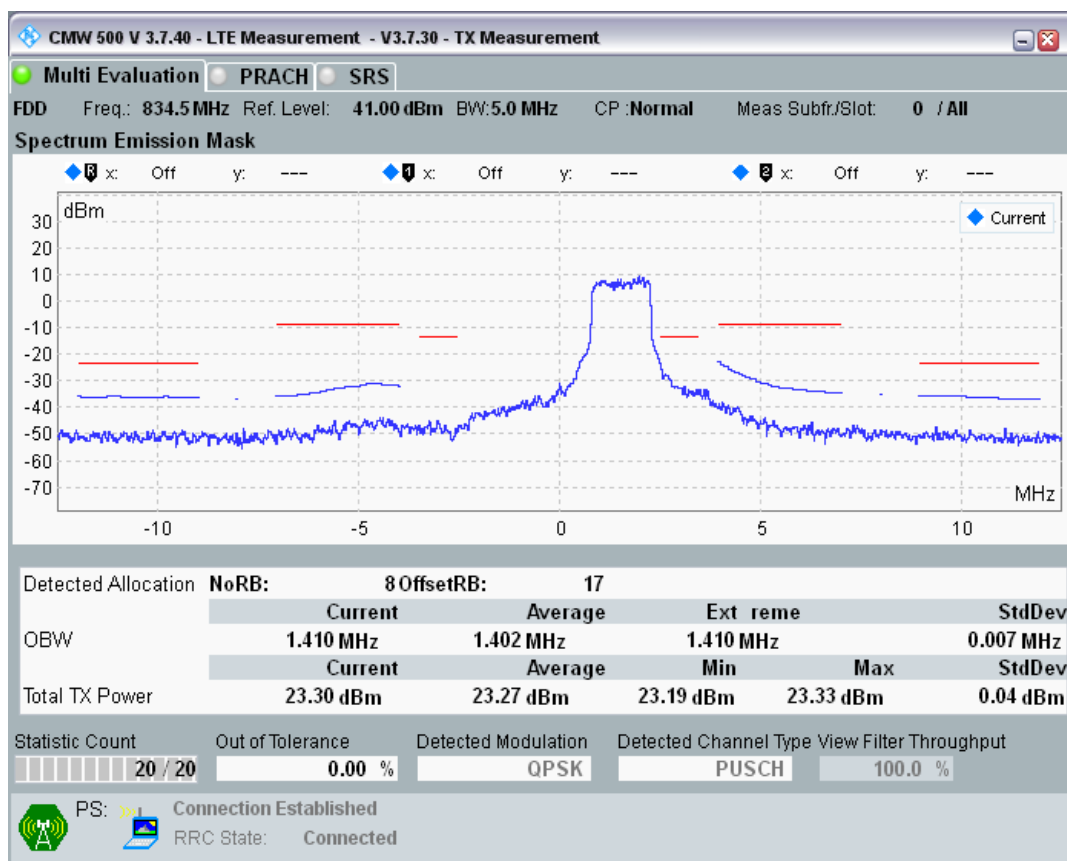
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



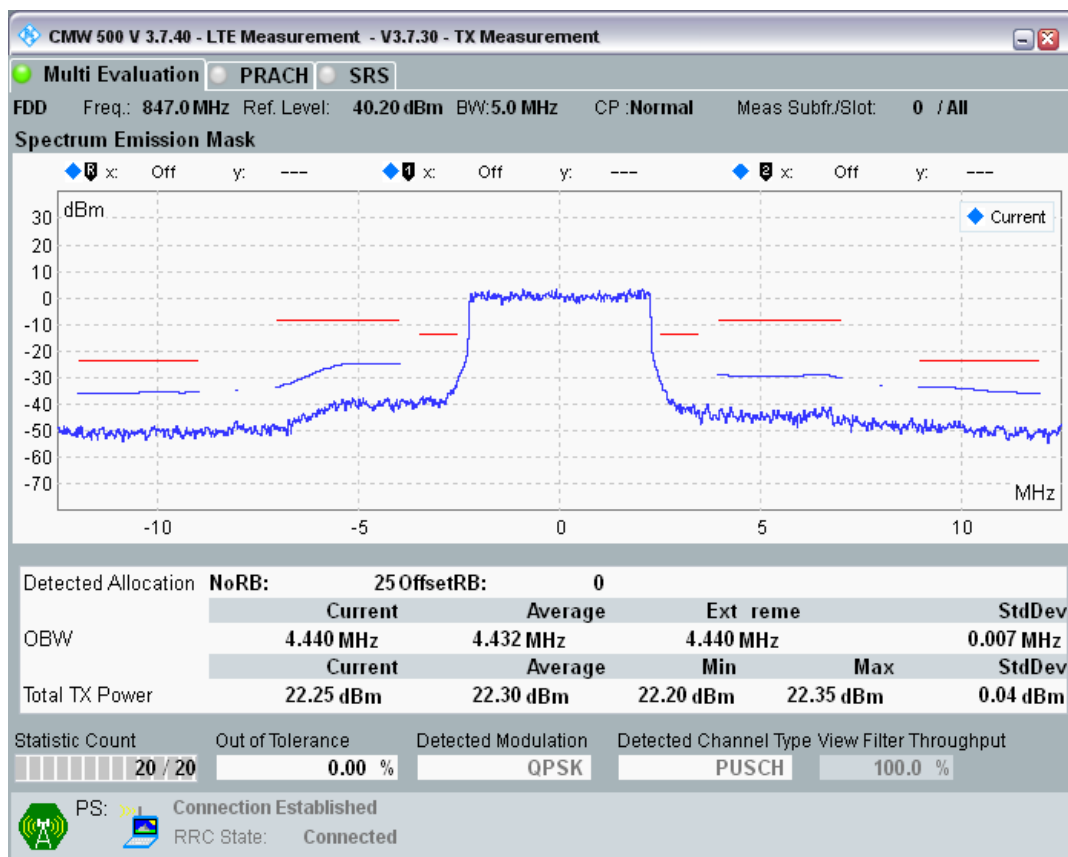
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#0.png



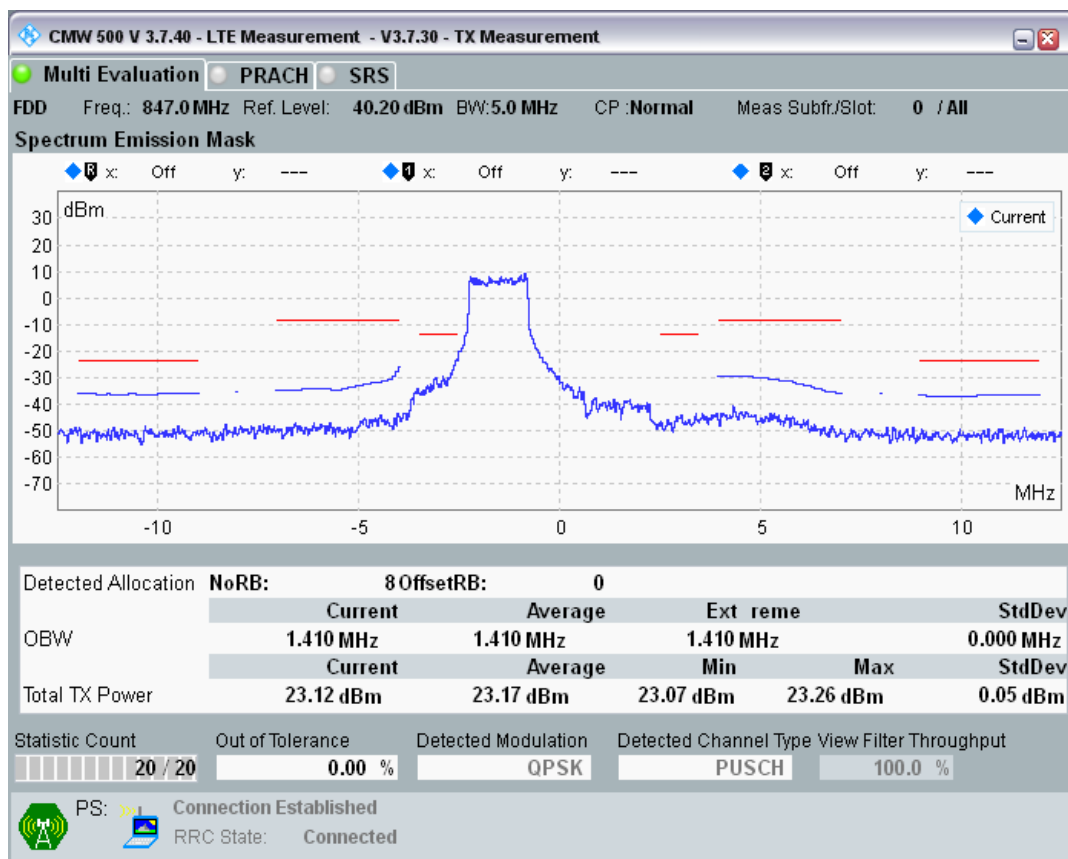
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#Max.png



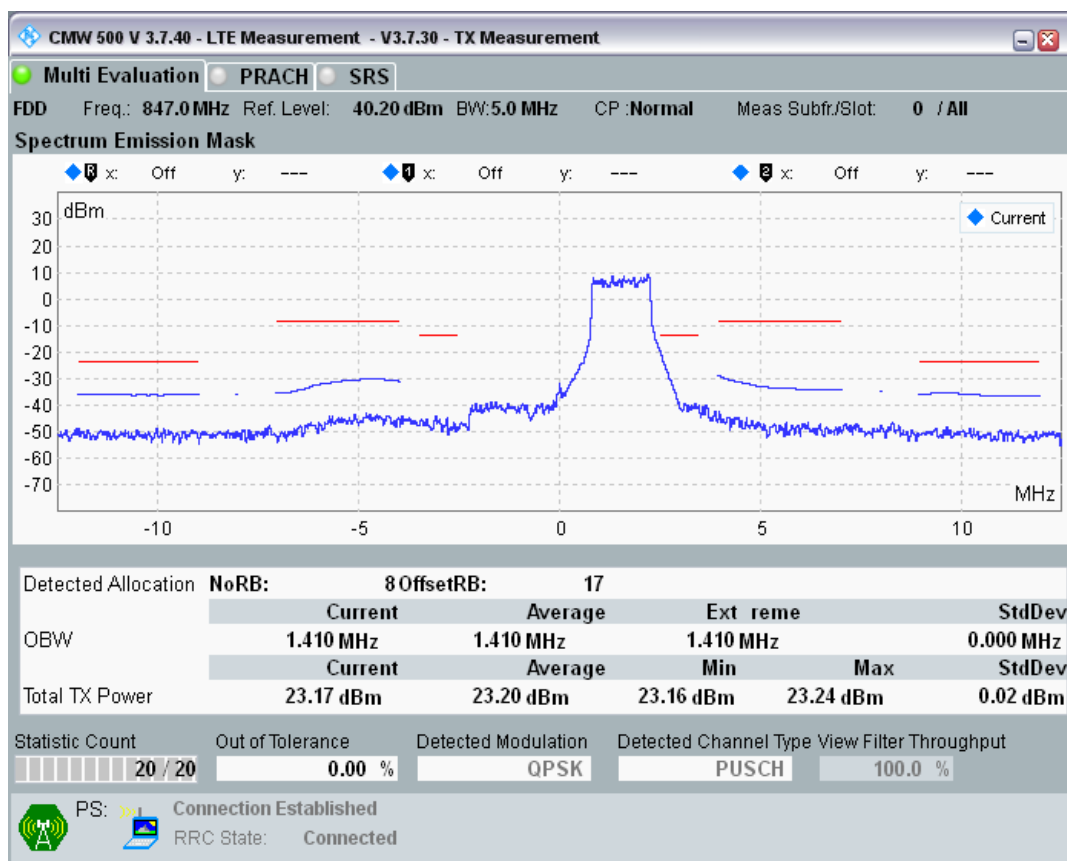
Band20 QPSK BW=5MHz Channel=24300 RB Size=25 Position=#0.png



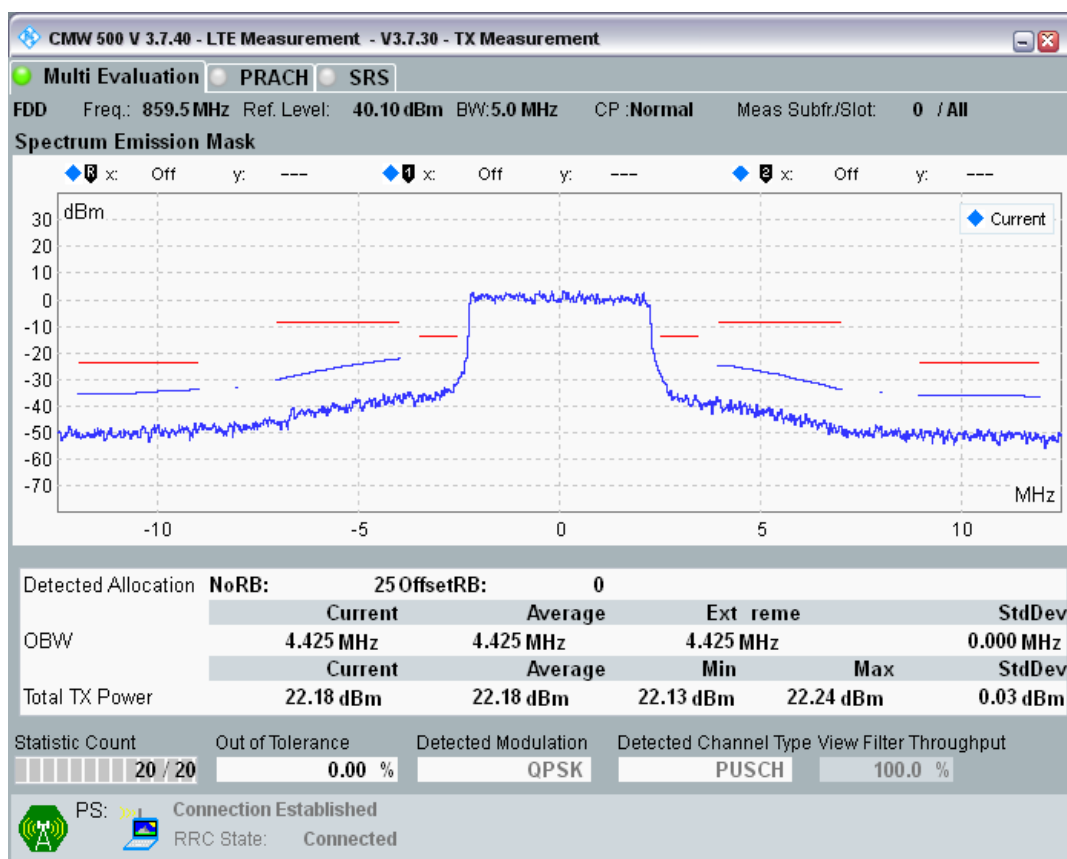
Band20 QPSK BW=5MHz Channel=24300 RB Size=8 Position=#0.png



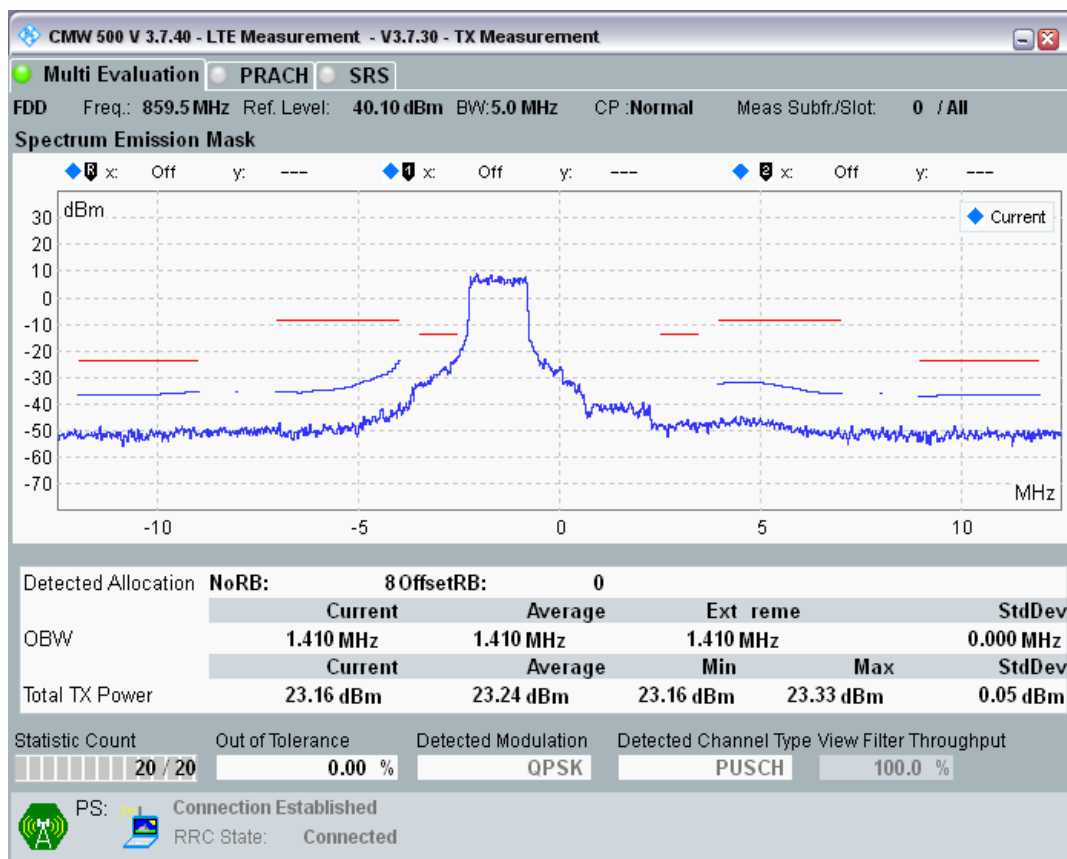
Band20 QPSK BW=5MHz Channel=24300 RB Size=8 Position=#Max.png



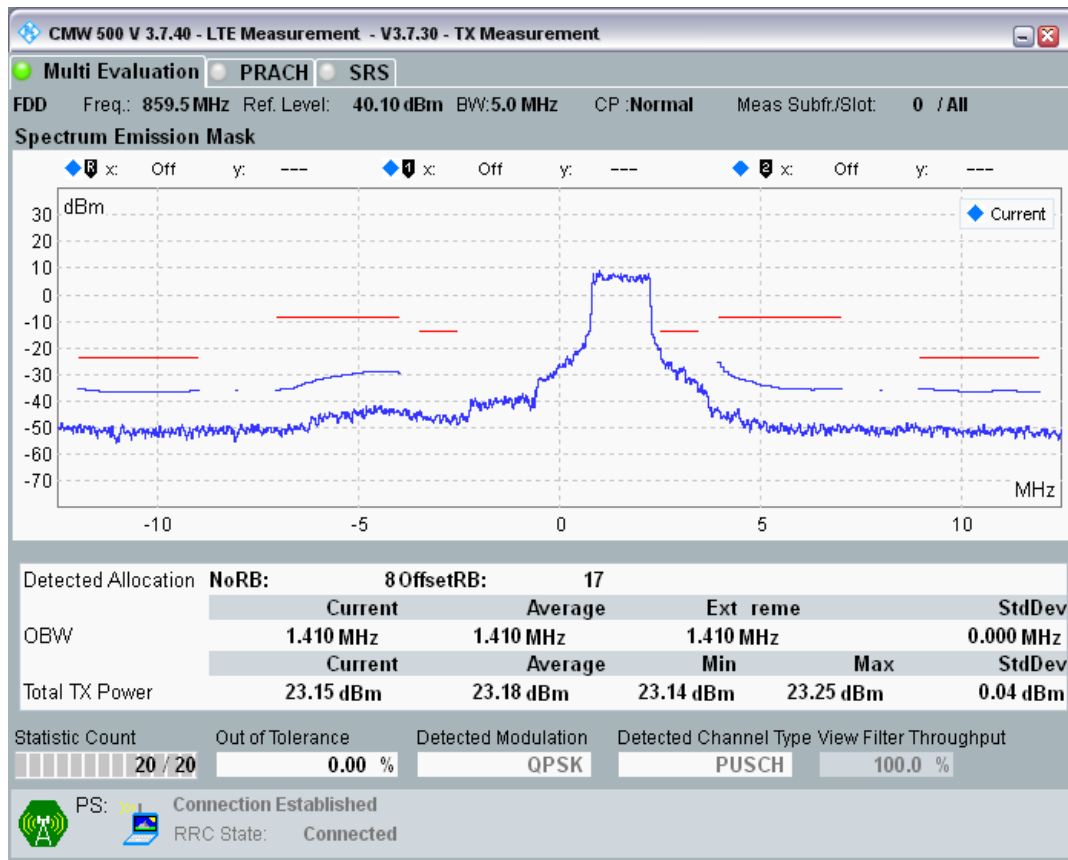
Band20 QPSK BW=5MHz Channel=24425 RB Size=25 Position=#0.png



Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#0.png



Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#Max.png



## Clause 4.2.4 LTE Transmitter Spurious Emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Range (MHz)	RBW (KHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
3	1.4	19457	1	#0	QPSK	0.009-0.15	1	0.063003	-96.83	-36	PASS
3	1.4	19457	1	#0	QPSK	0.15-30	10	0.17	-100.72	-36	PASS
3	1.4	19457	1	#0	QPSK	30-462.5	100	440.2	-100.25	-36	PASS
3	1.4	19457	1	#0	QPSK	462.5-467.5	1000	465.3	-91.03	-50	PASS
3	1.4	19457	1	#0	QPSK	467.5-738	100	723.9	-100.06	-36	PASS
3	1.4	19457	1	#0	QPSK	738-821	1000	764.975	-89.53	-50	PASS
3	1.4	19457	1	#0	QPSK	821-925	100	885	-98.91	-36	PASS
3	1.4	19457	1	#0	QPSK	925-960	1000	958.145	-88.72	-50	PASS
3	1.4	19457	1	#0	QPSK	960-1000	100	964.84	-97.33	-36	PASS
3	1.4	19457	1	#0	QPSK	1000-1452	1000	1245.436	-87.02	-30	PASS
3	1.4	19457	1	#0	QPSK	1452-1496	1000	1478.576	-87.16	-50	PASS
3	1.4	19457	1	#0	QPSK	1496-1707.2	1000	1670.0288	-85.22	-30	PASS
3	1.4	19457	1	#0	QPSK	1785-1805	1000	1792.48	-86.79	-30	PASS
3	1.4	19457	1	#0	QPSK	1805-1880	1000	1850.45	-84.84	-50	PASS
3	1.4	19457	1	#0	QPSK	1880-1900	1000	1898.92	-85.91	-30	PASS
3	1.4	19457	1	#0	QPSK	1900-1920	1000	1913.04	-85.63	-50	PASS
3	1.4	19457	1	#0	QPSK	1920-2010	1000	1926.48	-84.40	-30	PASS



3	1.4	19457	1	#0	QPSK	2010-2025	1000	2021.73	-85.18	-50	PASS
3	1.4	19457	1	#0	QPSK	2025-2110	1000	2101.84	-85.36	-30	PASS
3	1.4	19457	1	#0	QPSK	2110-2200	1000	2119.81	-84.69	-50	PASS
3	1.4	19457	1	#0	QPSK	2200-2300	1000	2297.8	-84.63	-30	PASS
3	1.4	19457	1	#0	QPSK	2300-2400	1000	2360.3	-84.03	-50	PASS
3	1.4	19457	1	#0	QPSK	2400-2570	1000	2558.61	-83.04	-30	PASS
3	1.4	19457	1	#0	QPSK	2570-2690	1000	2655.2	-82.60	-50	PASS
3	1.4	19457	1	#0	QPSK	2690-3400	1000	3157.89	-82.37	-30	PASS
3	1.4	19457	1	#0	QPSK	3400-3800	1000	3470.8	-55.00	-50	PASS
3	1.4	19457	1	#0	QPSK	3800-12750	1000	6940	-69.29	-30	PASS
3	1.4	19457	1	#Max	QPSK	0.009-0.15	1	0.063003	-95.65	-36	PASS
3	1.4	19457	1	#Max	QPSK	0.15-30	10	0.17	-101.10	-36	PASS
3	1.4	19457	1	#Max	QPSK	30-462.5	100	437	-100.40	-36	PASS
3	1.4	19457	1	#Max	QPSK	462.5-467.5	1000	466.88	-90.62	-50	PASS
3	1.4	19457	1	#Max	QPSK	467.5-738	100	697.8	-99.43	-36	PASS
3	1.4	19457	1	#Max	QPSK	738-821	1000	786.721	-89.41	-50	PASS
3	1.4	19457	1	#Max	QPSK	821-925	100	825.2	-76.49	-36	PASS
3	1.4	19457	1	#Max	QPSK	925-960	1000	941.205	-89.05	-50	PASS
3	1.4	19457	1	#Max	QPSK	960-1000	100	978.2	-97.63	-36	PASS
3	1.4	19457	1	#Max	QPSK	1000-1452	1000	1335.384	-87.29	-30	PASS
3	1.4	19457	1	#Max	QPSK	1452-1496	1000	1469.38	-87.02	-50	PASS
3	1.4	19457	1	#Max	QPSK	1496-1707.2	1000	1691.1488	-85.15	-30	PASS
3	1.4	19457	1	#Max	QPSK	1785-1805	1000	1797.16	-86.46	-30	PASS
3	1.4	19457	1	#Max	QPSK	1805-1880	1000	1830.95	-84.71	-50	PASS
3	1.4	19457	1	#Max	QPSK	1880-1900	1000	1883.36	-86.24	-30	PASS
3	1.4	19457	1	#Max	QPSK	1900-1920	1000	1907.48	-85.85	-50	PASS
3	1.4	19457	1	#Max	QPSK	1920-2010	1000	1925.4	-84.12	-30	PASS
3	1.4	19457	1	#Max	QPSK	2010-2025	1000	2012.085	-85.24	-50	PASS
3	1.4	19457	1	#Max	QPSK	2025-2110	1000	2048.29	-84.64	-30	PASS
3	1.4	19457	1	#Max	QPSK	2110-2200	1000	2119.99	-84.87	-50	PASS
3	1.4	19457	1	#Max	QPSK	2200-2300	1000	2263.5	-84.43	-30	PASS
3	1.4	19457	1	#Max	QPSK	2300-2400	1000	2376.9	-84.28	-50	PASS
3	1.4	19457	1	#Max	QPSK	2400-2570	1000	2509.14	-83.48	-30	PASS
3	1.4	19457	1	#Max	QPSK	2570-2690	1000	2688.68	-82.61	-50	PASS
3	1.4	19457	1	#Max	QPSK	2690-3400	1000	2705.62	-82.17	-30	PASS
3	1.4	19457	1	#Max	QPSK	3400-3800	1000	3472.4	-55.32	-50	PASS
3	1.4	19457	1	#Max	QPSK	3800-12750	1000	6944	-65.96	-30	PASS
3	1.4	19457	6	#0	QPSK	0.009-0.15	1	0.063003	-96.19	-36	PASS
3	1.4	19457	6	#0	QPSK	0.15-30	10	0.16	-99.65	-36	PASS
3	1.4	19457	6	#0	QPSK	30-462.5	100	379	-100.10	-36	PASS
3	1.4	19457	6	#0	QPSK	462.5-467.5	1000	466.38	-90.36	-50	PASS
3	1.4	19457	6	#0	QPSK	467.5-738	100	659.9	-99.72	-36	PASS

3	1.4	19457	6	#0	QPSK	738-821	1000	783.982	-89.52	-50	PASS
3	1.4	19457	6	#0	QPSK	821-925	100	881.8	-98.58	-36	PASS
3	1.4	19457	6	#0	QPSK	925-960	1000	948.415	-88.58	-50	PASS
3	1.4	19457	6	#0	QPSK	960-1000	100	974.76	-98.09	-36	PASS
3	1.4	19457	6	#0	QPSK	1000-1452	1000	1382.392	-87.28	-30	PASS
3	1.4	19457	6	#0	QPSK	1452-1496	1000	1479.016	-87.27	-50	PASS
3	1.4	19457	6	#0	QPSK	1496-1707.2	1000	1651.4432	-85.21	-30	PASS
3	1.4	19457	6	#0	QPSK	1785-1805	1000	1792.48	-86.71	-30	PASS
3	1.4	19457	6	#0	QPSK	1805-1880	1000	1830.35	-84.69	-50	PASS
3	1.4	19457	6	#0	QPSK	1880-1900	1000	1883.7	-85.61	-30	PASS
3	1.4	19457	6	#0	QPSK	1900-1920	1000	1912.14	-86.19	-50	PASS
3	1.4	19457	6	#0	QPSK	1920-2010	1000	1925.67	-84.05	-30	PASS
3	1.4	19457	6	#0	QPSK	2010-2025	1000	2010.705	-85.20	-50	PASS
3	1.4	19457	6	#0	QPSK	2025-2110	1000	2077.02	-85.02	-30	PASS
3	1.4	19457	6	#0	QPSK	2110-2200	1000	2136.46	-84.53	-50	PASS
3	1.4	19457	6	#0	QPSK	2200-2300	1000	2282.7	-84.73	-30	PASS
3	1.4	19457	6	#0	QPSK	2300-2400	1000	2311.9	-83.85	-50	PASS
3	1.4	19457	6	#0	QPSK	2400-2570	1000	2526.14	-72.31	-30	PASS
3	1.4	19457	6	#0	QPSK	2570-2690	1000	2657	-82.73	-50	PASS
3	1.4	19457	6	#0	QPSK	2690-3400	1000	3064.88	-82.58	-30	PASS
3	1.4	19457	6	#0	QPSK	3400-3800	1000	3471.2	-57.36	-50	PASS
3	1.4	19457	6	#0	QPSK	3800-12750	1000	6942	-69.28	-30	PASS
3	1.4	19675	1	#0	QPSK	0.009-0.15	1	0.063003	-96.41	-36	PASS
3	1.4	19675	1	#0	QPSK	0.15-30	10	0.17	-101.10	-36	PASS
3	1.4	19675	1	#0	QPSK	30-462.5	100	447	-100.20	-36	PASS
3	1.4	19675	1	#0	QPSK	462.5-467.5	1000	465.655	-91.10	-50	PASS
3	1.4	19675	1	#0	QPSK	467.5-738	100	730.7	-100.04	-36	PASS
3	1.4	19675	1	#0	QPSK	738-821	1000	764.311	-89.57	-50	PASS
3	1.4	19675	1	#0	QPSK	821-925	100	911.3	-99.29	-36	PASS
3	1.4	19675	1	#0	QPSK	925-960	1000	949.115	-89.27	-50	PASS
3	1.4	19675	1	#0	QPSK	960-1000	100	971.08	-98.66	-36	PASS
3	1.4	19675	1	#0	QPSK	1000-1452	1000	1388.268	-87.05	-30	PASS
3	1.4	19675	1	#0	QPSK	1452-1496	1000	1478.708	-86.93	-50	PASS
3	1.4	19675	1	#0	QPSK	1496-1710	1000	1615.412	-86.87	-30	PASS
3	1.4	19675	1	#0	QPSK	1785-1805	1000	1800.74	-86.89	-30	PASS
3	1.4	19675	1	#0	QPSK	1805-1880	1000	1852.025	-85.84	-50	PASS
3	1.4	19675	1	#0	QPSK	1880-1900	1000	1891.2	-86.28	-30	PASS
3	1.4	19675	1	#0	QPSK	1900-1920	1000	1905.46	-86.02	-50	PASS
3	1.4	19675	1	#0	QPSK	1920-2010	1000	1947.99	-84.39	-30	PASS
3	1.4	19675	1	#0	QPSK	2010-2025	1000	2022.48	-85.48	-50	PASS
3	1.4	19675	1	#0	QPSK	2025-2110	1000	2031.12	-84.15	-30	PASS
3	1.4	19675	1	#0	QPSK	2110-2200	1000	2120.71	-84.71	-50	PASS

3	1.4	19675	1	#0	QPSK	2200-2300	1000	2213	-84.31	-30	PASS
3	1.4	19675	1	#0	QPSK	2300-2400	1000	2361.3	-84.11	-50	PASS
3	1.4	19675	1	#0	QPSK	2400-2570	1000	2526.14	-72.25	-30	PASS
3	1.4	19675	1	#0	QPSK	2570-2690	1000	2668.52	-82.66	-50	PASS
3	1.4	19675	1	#0	QPSK	2690-3400	1000	3152.92	-82.88	-30	PASS
3	1.4	19675	1	#0	QPSK	3400-3800	1000	3514.4	-56.16	-50	PASS
3	1.4	19675	1	#0	QPSK	3800-12750	1000	7028	-68.62	-30	PASS
3	1.4	19675	1	#Max	QPSK	0.009-0.15	1	0.062862	-96.43	-36	PASS
3	1.4	19675	1	#Max	QPSK	0.15-30	10	0.18	-98.87	-36	PASS
3	1.4	19675	1	#Max	QPSK	30-462.5	100	447.9	-100.04	-36	PASS
3	1.4	19675	1	#Max	QPSK	462.5-467.5	1000	465.58	-89.64	-50	PASS
3	1.4	19675	1	#Max	QPSK	467.5-738	100	668.1	-99.56	-36	PASS
3	1.4	19675	1	#Max	QPSK	738-821	1000	788.381	-89.34	-50	PASS
3	1.4	19675	1	#Max	QPSK	821-925	100	889.5	-98.68	-36	PASS
3	1.4	19675	1	#Max	QPSK	925-960	1000	943.27	-89.27	-50	PASS
3	1.4	19675	1	#Max	QPSK	960-1000	100	982.08	-98.04	-36	PASS
3	1.4	19675	1	#Max	QPSK	1000-1452	1000	1395.952	-86.63	-30	PASS
3	1.4	19675	1	#Max	QPSK	1452-1496	1000	1461.988	-87.32	-50	PASS
3	1.4	19675	1	#Max	QPSK	1496-1710	1000	1686.246	-86.54	-30	PASS
3	1.4	19675	1	#Max	QPSK	1785-1805	1000	1791.2	-86.75	-30	PASS
3	1.4	19675	1	#Max	QPSK	1805-1880	1000	1852.55	-85.29	-50	PASS
3	1.4	19675	1	#Max	QPSK	1880-1900	1000	1881.36	-85.80	-30	PASS
3	1.4	19675	1	#Max	QPSK	1900-1920	1000	1901.96	-85.69	-50	PASS
3	1.4	19675	1	#Max	QPSK	1920-2010	1000	1947.54	-84.47	-30	PASS
3	1.4	19675	1	#Max	QPSK	2010-2025	1000	2012.79	-85.28	-50	PASS
3	1.4	19675	1	#Max	QPSK	2025-2110	1000	2096.4	-84.97	-30	PASS
3	1.4	19675	1	#Max	QPSK	2110-2200	1000	2158.87	-84.81	-50	PASS
3	1.4	19675	1	#Max	QPSK	2200-2300	1000	2272.6	-84.31	-30	PASS
3	1.4	19675	1	#Max	QPSK	2300-2400	1000	2366.5	-84.28	-50	PASS
3	1.4	19675	1	#Max	QPSK	2400-2570	1000	2565.92	-82.74	-30	PASS
3	1.4	19675	1	#Max	QPSK	2570-2690	1000	2678.72	-82.43	-50	PASS
3	1.4	19675	1	#Max	QPSK	2690-3400	1000	2718.4	-82.91	-30	PASS
3	1.4	19675	1	#Max	QPSK	3400-3800	1000	3516	-57.14	-50	PASS
3	1.4	19675	1	#Max	QPSK	3800-12750	1000	7031	-69.48	-30	PASS
3	1.4	19675	6	#0	QPSK	0.009-0.15	1	0.063003	-96.81	-36	PASS
3	1.4	19675	6	#0	QPSK	0.15-30	10	0.16	-100.23	-36	PASS
3	1.4	19675	6	#0	QPSK	30-462.5	100	440.2	-100.09	-36	PASS
3	1.4	19675	6	#0	QPSK	462.5-467.5	1000	464.99	-90.78	-50	PASS
3	1.4	19675	6	#0	QPSK	467.5-738	100	642.3	-99.79	-36	PASS
3	1.4	19675	6	#0	QPSK	738-821	1000	818.759	-88.43	-50	PASS
3	1.4	19675	6	#0	QPSK	821-925	100	853.6	-98.72	-36	PASS
3	1.4	19675	6	#0	QPSK	925-960	1000	938.055	-89.20	-50	PASS

3	1.4	19675	6	#0	QPSK	960-1000	100	987.64	-98.52	-36	PASS
3	1.4	19675	6	#0	QPSK	1000-1452	1000	1430.756	-87.01	-30	PASS
3	1.4	19675	6	#0	QPSK	1452-1496	1000	1467.224	-86.78	-50	PASS
3	1.4	19675	6	#0	QPSK	1496-1710	1000	1694.806	-86.96	-30	PASS
3	1.4	19675	6	#0	QPSK	1785-1805	1000	1788.88	-86.80	-30	PASS
3	1.4	19675	6	#0	QPSK	1805-1880	1000	1852.1	-86.16	-50	PASS
3	1.4	19675	6	#0	QPSK	1880-1900	1000	1880.98	-86.05	-30	PASS
3	1.4	19675	6	#0	QPSK	1900-1920	1000	1915.38	-85.64	-50	PASS
3	1.4	19675	6	#0	QPSK	1920-2010	1000	1947.09	-84.64	-30	PASS
3	1.4	19675	6	#0	QPSK	2010-2025	1000	2015.76	-85.31	-50	PASS
3	1.4	19675	6	#0	QPSK	2025-2110	1000	2086.71	-85.13	-30	PASS
3	1.4	19675	6	#0	QPSK	2110-2200	1000	2177.23	-84.49	-50	PASS
3	1.4	19675	6	#0	QPSK	2200-2300	1000	2276.8	-84.25	-30	PASS
3	1.4	19675	6	#0	QPSK	2300-2400	1000	2374.6	-84.19	-50	PASS
3	1.4	19675	6	#0	QPSK	2400-2570	1000	2560.82	-83.11	-30	PASS
3	1.4	19675	6	#0	QPSK	2570-2690	1000	2653.4	-82.86	-50	PASS
3	1.4	19675	6	#0	QPSK	2690-3400	1000	2816.38	-82.70	-30	PASS
3	1.4	19675	6	#0	QPSK	3400-3800	1000	3514.8	-59.06	-50	PASS
3	1.4	19675	6	#0	QPSK	3800-12750	1000	7029	-71.02	-30	PASS
3	1.4	19893	1	#0	QPSK	0.009-0.15	1	0.062862	-97.67	-36	PASS
3	1.4	19893	1	#0	QPSK	0.15-30	10	0.17	-99.52	-36	PASS
3	1.4	19893	1	#0	QPSK	30-462.5	100	394.4	-100.13	-36	PASS
3	1.4	19893	1	#0	QPSK	462.5-467.5	1000	463.14	-90.57	-50	PASS
3	1.4	19893	1	#0	QPSK	467.5-738	100	719.2	-99.69	-36	PASS
3	1.4	19893	1	#0	QPSK	738-821	1000	743.893	-89.47	-50	PASS
3	1.4	19893	1	#0	QPSK	821-925	100	881.4	-98.10	-36	PASS
3	1.4	19893	1	#0	QPSK	925-960	1000	954.47	-89.26	-50	PASS
3	1.4	19893	1	#0	QPSK	960-1000	100	988.24	-98.04	-36	PASS
3	1.4	19893	1	#0	QPSK	1000-1452	1000	1396.404	-87.11	-30	PASS
3	1.4	19893	1	#0	QPSK	1452-1496	1000	1488.344	-86.72	-50	PASS
3	1.4	19893	1	#0	QPSK	1496-1710	1000	1696.518	-86.79	-30	PASS
3	1.4	19893	1	#0	QPSK	1787.8-1805	1000	1803.3144	-85.10	-30	PASS
3	1.4	19893	1	#0	QPSK	1805-1880	1000	1874.375	-85.75	-50	PASS
3	1.4	19893	1	#0	QPSK	1880-1900	1000	1894.54	-85.48	-30	PASS
3	1.4	19893	1	#0	QPSK	1900-1920	1000	1906.04	-85.94	-50	PASS
3	1.4	19893	1	#0	QPSK	1920-2010	1000	1969.41	-85.37	-30	PASS
3	1.4	19893	1	#0	QPSK	2010-2025	1000	2011.455	-84.50	-50	PASS
3	1.4	19893	1	#0	QPSK	2025-2110	1000	2083.055	-84.96	-30	PASS
3	1.4	19893	1	#0	QPSK	2110-2200	1000	2160.76	-84.64	-50	PASS
3	1.4	19893	1	#0	QPSK	2200-2300	1000	2280.1	-84.95	-30	PASS
3	1.4	19893	1	#0	QPSK	2300-2400	1000	2352.7	-83.96	-50	PASS
3	1.4	19893	1	#0	QPSK	2400-2570	1000	2425.67	-83.43	-30	PASS

3	1.4	19893	1	#0	QPSK	2570-2690	1000	2687.36	-81.99	-50	PASS
3	1.4	19893	1	#0	QPSK	2690-3400	1000	3169.25	-82.69	-30	PASS
3	1.4	19893	1	#0	QPSK	3400-3800	1000	3558	-55.75	-50	PASS
3	1.4	19893	1	#0	QPSK	3800-12750	1000	7115	-67.17	-30	PASS
3	1.4	19893	1	#Max	QPSK	0.009-0.15	1	0.063003	-96.23	-36	PASS
3	1.4	19893	1	#Max	QPSK	0.15-30	10	0.18	-99.92	-36	PASS
3	1.4	19893	1	#Max	QPSK	30-462.5	100	400	-100.23	-36	PASS
3	1.4	19893	1	#Max	QPSK	462.5-467.5	1000	466.355	-90.35	-50	PASS
3	1.4	19893	1	#Max	QPSK	467.5-738	100	688.1	-99.63	-36	PASS
3	1.4	19893	1	#Max	QPSK	738-821	1000	791.037	-89.46	-50	PASS
3	1.4	19893	1	#Max	QPSK	821-925	100	891.5	-98.91	-36	PASS
3	1.4	19893	1	#Max	QPSK	925-960	1000	942.395	-89.04	-50	PASS
3	1.4	19893	1	#Max	QPSK	960-1000	100	998.04	-97.96	-36	PASS
3	1.4	19893	1	#Max	QPSK	1000-1452	1000	1310.072	-87.19	-30	PASS
3	1.4	19893	1	#Max	QPSK	1452-1496	1000	1458.864	-87.12	-50	PASS
3	1.4	19893	1	#Max	QPSK	1496-1710	1000	1600.432	-86.03	-30	PASS
3	1.4	19893	1	#Max	QPSK	1787.8-1805	1000	1797.8104	-84.85	-30	PASS
3	1.4	19893	1	#Max	QPSK	1805-1880	1000	1874.225	-84.72	-50	PASS
3	1.4	19893	1	#Max	QPSK	1880-1900	1000	1891.06	-85.96	-30	PASS
3	1.4	19893	1	#Max	QPSK	1900-1920	1000	1916.26	-85.42	-50	PASS
3	1.4	19893	1	#Max	QPSK	1920-2010	1000	1968.51	-84.17	-30	PASS
3	1.4	19893	1	#Max	QPSK	2010-2025	1000	2018.955	-85.68	-50	PASS
3	1.4	19893	1	#Max	QPSK	2025-2110	1000	2075.065	-84.56	-30	PASS
3	1.4	19893	1	#Max	QPSK	2110-2200	1000	2160.49	-84.68	-50	PASS
3	1.4	19893	1	#Max	QPSK	2200-2300	1000	2218	-85.03	-30	PASS
3	1.4	19893	1	#Max	QPSK	2300-2400	1000	2379.5	-83.89	-50	PASS
3	1.4	19893	1	#Max	QPSK	2400-2570	1000	2548.07	-83.17	-30	PASS
3	1.4	19893	1	#Max	QPSK	2570-2690	1000	2674.88	-82.46	-50	PASS
3	1.4	19893	1	#Max	QPSK	2690-3400	1000	2690.71	-82.93	-30	PASS
3	1.4	19893	1	#Max	QPSK	3400-3800	1000	3559.6	-55.96	-50	PASS
3	1.4	19893	1	#Max	QPSK	3800-12750	1000	7119	-67.02	-30	PASS
3	1.4	19893	6	#0	QPSK	0.009-0.15	1	0.062862	-96.39	-36	PASS
3	1.4	19893	6	#0	QPSK	0.15-30	10	0.16	-100.21	-36	PASS
3	1.4	19893	6	#0	QPSK	30-462.5	100	379.2	-99.71	-36	PASS
3	1.4	19893	6	#0	QPSK	462.5-467.5	1000	465.355	-90.03	-50	PASS
3	1.4	19893	6	#0	QPSK	467.5-738	100	673.6	-99.44	-36	PASS
3	1.4	19893	6	#0	QPSK	738-821	1000	801.329	-89.60	-50	PASS
3	1.4	19893	6	#0	QPSK	821-925	100	838.3	-98.73	-36	PASS
3	1.4	19893	6	#0	QPSK	925-960	1000	946.98	-89.03	-50	PASS
3	1.4	19893	6	#0	QPSK	960-1000	100	977.4	-98.21	-36	PASS
3	1.4	19893	6	#0	QPSK	1000-1452	1000	1326.344	-86.97	-30	PASS
3	1.4	19893	6	#0	QPSK	1452-1496	1000	1460.888	-87.04	-50	PASS

3	1.4	19893	6	#0	QPSK	1496-1710	1000	1696.518	-86.43	-30	PASS
3	1.4	19893	6	#0	QPSK	1787.8-1805	1000	1803.5208	-84.65	-30	PASS
3	1.4	19893	6	#0	QPSK	1805-1880	1000	1874	-85.39	-50	PASS
3	1.4	19893	6	#0	QPSK	1880-1900	1000	1885.3	-85.66	-30	PASS
3	1.4	19893	6	#0	QPSK	1900-1920	1000	1915.44	-85.81	-50	PASS
3	1.4	19893	6	#0	QPSK	1920-2010	1000	1969.05	-84.94	-30	PASS
3	1.4	19893	6	#0	QPSK	2010-2025	1000	2019.225	-85.45	-50	PASS
3	1.4	19893	6	#0	QPSK	2025-2110	1000	2095.89	-84.42	-30	PASS
3	1.4	19893	6	#0	QPSK	2110-2200	1000	2185.15	-84.70	-50	PASS
3	1.4	19893	6	#0	QPSK	2200-2300	1000	2223.5	-84.59	-30	PASS
3	1.4	19893	6	#0	QPSK	2300-2400	1000	2301.2	-83.75	-50	PASS
3	1.4	19893	6	#0	QPSK	2400-2570	1000	2560.48	-83.60	-30	PASS
3	1.4	19893	6	#0	QPSK	2570-2690	1000	2649.92	-81.65	-50	PASS
3	1.4	19893	6	#0	QPSK	2690-3400	1000	2697.81	-82.47	-30	PASS
3	1.4	19893	6	#0	QPSK	3400-3800	1000	3558.8	-58.05	-50	PASS
3	1.4	19893	6	#0	QPSK	3800-12750	1000	7117	-69.12	-30	PASS
3	5	19475	1	#0	QPSK	0.009-0.15	1	0.063003	-97.27	-36	PASS
3	5	19475	1	#0	QPSK	0.15-30	10	0.16	-99.61	-36	PASS
3	5	19475	1	#0	QPSK	30-462.5	100	433.5	-99.94	-36	PASS
3	5	19475	1	#0	QPSK	462.5-467.5	1000	465.645	-90.77	-50	PASS
3	5	19475	1	#0	QPSK	467.5-738	100	611.5	-99.69	-36	PASS
3	5	19475	1	#0	QPSK	738-821	1000	799.171	-89.03	-50	PASS
3	5	19475	1	#0	QPSK	821-925	100	885.6	-98.90	-36	PASS
3	5	19475	1	#0	QPSK	925-960	1000	954.295	-88.82	-50	PASS
3	5	19475	1	#0	QPSK	960-1000	100	996.04	-97.49	-36	PASS
3	5	19475	1	#0	QPSK	1000-1452	1000	1227.356	-86.79	-30	PASS
3	5	19475	1	#0	QPSK	1452-1496	1000	1487.376	-86.97	-50	PASS
3	5	19475	1	#0	QPSK	1496-1700	1000	1541.084	-85.22	-30	PASS
3	5	19475	1	#0	QPSK	1785-1805	1000	1795.02	-86.06	-30	PASS
3	5	19475	1	#0	QPSK	1805-1880	1000	1832.975	-81.72	-50	PASS
3	5	19475	1	#0	QPSK	1880-1900	1000	1893.8	-86.08	-30	PASS
3	5	19475	1	#0	QPSK	1900-1920	1000	1916.78	-85.65	-50	PASS
3	5	19475	1	#0	QPSK	1920-2010	1000	1929.45	-84.37	-30	PASS
3	5	19475	1	#0	QPSK	2010-2025	1000	2020.485	-85.36	-50	PASS
3	5	19475	1	#0	QPSK	2025-2110	1000	2107.79	-85.23	-30	PASS
3	5	19475	1	#0	QPSK	2110-2200	1000	2195.14	-85.14	-50	PASS
3	5	19475	1	#0	QPSK	2200-2300	1000	2244.4	-85.02	-30	PASS
3	5	19475	1	#0	QPSK	2300-2400	1000	2352.5	-84.11	-50	PASS
3	5	19475	1	#0	QPSK	2400-2570	1000	2542.12	-82.91	-30	PASS
3	5	19475	1	#0	QPSK	2570-2690	1000	2646.68	-82.59	-50	PASS
3	5	19475	1	#0	QPSK	2690-3400	1000	2723.37	-83.09	-30	PASS
3	5	19475	1	#0	QPSK	3400-3800	1000	3470.8	-55.73	-50	PASS

3	5	19475	1	#0	QPSK	3800-12750	1000	6941	-69.60	-30	PASS
3	5	19475	1	#Max	QPSK	0.009-0.15	1	0.062862	-96.06	-36	PASS
3	5	19475	1	#Max	QPSK	0.15-30	10	0.19	-99.88	-36	PASS
3	5	19475	1	#Max	QPSK	30-462.5	100	454.9	-100.15	-36	PASS
3	5	19475	1	#Max	QPSK	462.5-467.5	1000	463.78	-90.72	-50	PASS
3	5	19475	1	#Max	QPSK	467.5-738	100	698.1	-99.76	-36	PASS
3	5	19475	1	#Max	QPSK	738-821	1000	800.914	-89.34	-50	PASS
3	5	19475	1	#Max	QPSK	821-925	100	889.3	-98.77	-36	PASS
3	5	19475	1	#Max	QPSK	925-960	1000	957.725	-88.82	-50	PASS
3	5	19475	1	#Max	QPSK	960-1000	100	980.8	-98.39	-36	PASS
3	5	19475	1	#Max	QPSK	1000-1452	1000	1390.528	-86.93	-30	PASS
3	5	19475	1	#Max	QPSK	1452-1496	1000	1475.848	-87.47	-50	PASS
3	5	19475	1	#Max	QPSK	1496-1700	1000	1626.356	-85.26	-30	PASS
3	5	19475	1	#Max	QPSK	1785-1805	1000	1803.74	-86.67	-30	PASS
3	5	19475	1	#Max	QPSK	1805-1880	1000	1832.225	-82.51	-50	PASS
3	5	19475	1	#Max	QPSK	1880-1900	1000	1895.58	-86.22	-30	PASS
3	5	19475	1	#Max	QPSK	1900-1920	1000	1917	-85.50	-50	PASS
3	5	19475	1	#Max	QPSK	1920-2010	1000	1925.31	-83.94	-30	PASS
3	5	19475	1	#Max	QPSK	2010-2025	1000	2021.97	-85.35	-50	PASS
3	5	19475	1	#Max	QPSK	2025-2110	1000	2038.515	-85.03	-30	PASS
3	5	19475	1	#Max	QPSK	2110-2200	1000	2157.7	-84.89	-50	PASS
3	5	19475	1	#Max	QPSK	2200-2300	1000	2288.5	-84.17	-30	PASS
3	5	19475	1	#Max	QPSK	2300-2400	1000	2378	-84.04	-50	PASS
3	5	19475	1	#Max	QPSK	2400-2570	1000	2536.51	-83.33	-30	PASS
3	5	19475	1	#Max	QPSK	2570-2690	1000	2663.84	-82.67	-50	PASS
3	5	19475	1	#Max	QPSK	2690-3400	1000	3271.49	-83.46	-30	PASS
3	5	19475	1	#Max	QPSK	3400-3800	1000	3479.2	-56.32	-50	PASS
3	5	19475	1	#Max	QPSK	3800-12750	1000	6958	-70.94	-30	PASS
3	5	19475	25	#0	QPSK	0.009-0.15	1	0.063003	-96.46	-36	PASS
3	5	19475	25	#0	QPSK	0.15-30	10	0.16	-99.79	-36	PASS
3	5	19475	25	#0	QPSK	30-462.5	100	460.8	-99.63	-36	PASS
3	5	19475	25	#0	QPSK	462.5-467.5	1000	463.09	-90.85	-50	PASS
3	5	19475	25	#0	QPSK	467.5-738	100	521.4	-99.38	-36	PASS
3	5	19475	25	#0	QPSK	738-821	1000	819.838	-89.38	-50	PASS
3	5	19475	25	#0	QPSK	821-925	100	923	-98.72	-36	PASS
3	5	19475	25	#0	QPSK	925-960	1000	940.4	-88.26	-50	PASS
3	5	19475	25	#0	QPSK	960-1000	100	999.64	-98.16	-36	PASS
3	5	19475	25	#0	QPSK	1000-1452	1000	1366.572	-86.72	-30	PASS
3	5	19475	25	#0	QPSK	1452-1496	1000	1455.872	-87.31	-50	PASS
3	5	19475	25	#0	QPSK	1496-1700	1000	1691.432	-85.16	-30	PASS
3	5	19475	25	#0	QPSK	1785-1805	1000	1799.58	-87.01	-30	PASS
3	5	19475	25	#0	QPSK	1805-1880	1000	1834.025	-82.85	-50	PASS



3	5	19475	25	#0	QPSK	1880-1900	1000	1899.16	-86.07	-30	PASS
3	5	19475	25	#0	QPSK	1900-1920	1000	1911.44	-85.60	-50	PASS
3	5	19475	25	#0	QPSK	1920-2010	1000	2005.32	-85.02	-30	PASS
3	5	19475	25	#0	QPSK	2010-2025	1000	2017.005	-85.28	-50	PASS
3	5	19475	25	#0	QPSK	2025-2110	1000	2047.015	-84.82	-30	PASS
3	5	19475	25	#0	QPSK	2110-2200	1000	2170.66	-84.69	-50	PASS
3	5	19475	25	#0	QPSK	2200-2300	1000	2287.6	-84.48	-30	PASS
3	5	19475	25	#0	QPSK	2300-2400	1000	2309.7	-83.72	-50	PASS
3	5	19475	25	#0	QPSK	2400-2570	1000	2530.39	-83.15	-30	PASS
3	5	19475	25	#0	QPSK	2570-2690	1000	2681.48	-82.35	-50	PASS
3	5	19475	25	#0	QPSK	2690-3400	1000	3167.83	-82.50	-30	PASS
3	5	19475	25	#0	QPSK	3400-3800	1000	3476	-63.74	-50	PASS
3	5	19475	25	#0	QPSK	3800-12750	1000	6949	-76.32	-30	PASS
3	5	19675	1	#0	QPSK	0.009-0.15	1	0.062862	-96.58	-36	PASS
3	5	19675	1	#0	QPSK	0.15-30	10	0.16	-100.10	-36	PASS
3	5	19675	1	#0	QPSK	30-462.5	100	453.3	-99.33	-36	PASS
3	5	19675	1	#0	QPSK	462.5-467.5	1000	466.97	-90.84	-50	PASS
3	5	19675	1	#0	QPSK	467.5-738	100	731.4	-99.59	-36	PASS
3	5	19675	1	#0	QPSK	738-821	1000	779.334	-88.93	-50	PASS
3	5	19675	1	#0	QPSK	821-925	100	886.7	-98.80	-36	PASS
3	5	19675	1	#0	QPSK	925-960	1000	949.29	-89.22	-50	PASS
3	5	19675	1	#0	QPSK	960-1000	100	983.48	-98.64	-36	PASS
3	5	19675	1	#0	QPSK	1000-1452	1000	1386.46	-87.30	-30	PASS
3	5	19675	1	#0	QPSK	1452-1496	1000	1478.532	-87.37	-50	PASS
3	5	19675	1	#0	QPSK	1496-1710	1000	1640.022	-85.93	-30	PASS
3	5	19675	1	#0	QPSK	1785-1805	1000	1794.5	-86.54	-30	PASS
3	5	19675	1	#0	QPSK	1805-1880	1000	1853	-84.99	-50	PASS
3	5	19675	1	#0	QPSK	1880-1900	1000	1887.76	-85.85	-30	PASS
3	5	19675	1	#0	QPSK	1900-1920	1000	1908.14	-85.88	-50	PASS
3	5	19675	1	#0	QPSK	1920-2010	1000	1949.88	-85.26	-30	PASS
3	5	19675	1	#0	QPSK	2010-2025	1000	2019.375	-84.33	-50	PASS
3	5	19675	1	#0	QPSK	2025-2110	1000	2085.35	-84.86	-30	PASS
3	5	19675	1	#0	QPSK	2110-2200	1000	2177.32	-84.78	-50	PASS
3	5	19675	1	#0	QPSK	2200-2300	1000	2289.5	-84.67	-30	PASS
3	5	19675	1	#0	QPSK	2300-2400	1000	2349.3	-83.79	-50	PASS
3	5	19675	1	#0	QPSK	2400-2570	1000	2555.55	-83.10	-30	PASS
3	5	19675	1	#0	QPSK	2570-2690	1000	2670.92	-82.60	-50	PASS
3	5	19675	1	#0	QPSK	2690-3400	1000	3253.74	-82.83	-30	PASS
3	5	19675	1	#0	QPSK	3400-3800	1000	3510.8	-56.97	-50	PASS
3	5	19675	1	#0	QPSK	3800-12750	1000	7021	-67.47	-30	PASS
3	5	19675	1	#Max	QPSK	0.009-0.15	1	0.063003	-96.65	-36	PASS
3	5	19675	1	#Max	QPSK	0.15-30	10	0.16	-99.73	-36	PASS



3	5	19675	1	#Max	QPSK	30-462.5	100	389.2	-99.80	-36	PASS
3	5	19675	1	#Max	QPSK	462.5-467.5	1000	465.995	-90.83	-50	PASS
3	5	19675	1	#Max	QPSK	467.5-738	100	728.5	-99.74	-36	PASS
3	5	19675	1	#Max	QPSK	738-821	1000	791.95	-89.67	-50	PASS
3	5	19675	1	#Max	QPSK	821-925	100	861.2	-98.97	-36	PASS
3	5	19675	1	#Max	QPSK	925-960	1000	959.125	-88.66	-50	PASS
3	5	19675	1	#Max	QPSK	960-1000	100	994.36	-98.74	-36	PASS
3	5	19675	1	#Max	QPSK	1000-1452	1000	1442.508	-87.58	-30	PASS
3	5	19675	1	#Max	QPSK	1452-1496	1000	1474.308	-87.41	-50	PASS
3	5	19675	1	#Max	QPSK	1496-1710	1000	1689.242	-86.40	-30	PASS
3	5	19675	1	#Max	QPSK	1785-1805	1000	1798.26	-86.49	-30	PASS
3	5	19675	1	#Max	QPSK	1805-1880	1000	1852.7	-84.69	-50	PASS
3	5	19675	1	#Max	QPSK	1880-1900	1000	1888.48	-86.24	-30	PASS
3	5	19675	1	#Max	QPSK	1900-1920	1000	1901.52	-85.85	-50	PASS
3	5	19675	1	#Max	QPSK	1920-2010	1000	1945.38	-84.31	-30	PASS
3	5	19675	1	#Max	QPSK	2010-2025	1000	2019.39	-85.19	-50	PASS
3	5	19675	1	#Max	QPSK	2025-2110	1000	2104.9	-84.52	-30	PASS
3	5	19675	1	#Max	QPSK	2110-2200	1000	2153.74	-84.61	-50	PASS
3	5	19675	1	#Max	QPSK	2200-2300	1000	2263.1	-83.89	-30	PASS
3	5	19675	1	#Max	QPSK	2300-2400	1000	2389.6	-83.74	-50	PASS
3	5	19675	1	#Max	QPSK	2400-2570	1000	2502	-83.00	-30	PASS
3	5	19675	1	#Max	QPSK	2570-2690	1000	2664.32	-82.93	-50	PASS
3	5	19675	1	#Max	QPSK	2690-3400	1000	3156.47	-83.10	-30	PASS
3	5	19675	1	#Max	QPSK	3400-3800	1000	3519.2	-58.77	-50	PASS
3	5	19675	1	#Max	QPSK	3800-12750	1000	7038	-68.87	-30	PASS
3	5	19675	25	#0	QPSK	0.009-0.15	1	0.063003	-96.54	-36	PASS
3	5	19675	25	#0	QPSK	0.15-30	10	0.16	-100.03	-36	PASS
3	5	19675	25	#0	QPSK	30-462.5	100	443.7	-99.96	-36	PASS
3	5	19675	25	#0	QPSK	462.5-467.5	1000	466.985	-90.93	-50	PASS
3	5	19675	25	#0	QPSK	467.5-738	100	721.5	-99.57	-36	PASS
3	5	19675	25	#0	QPSK	738-821	1000	810.542	-89.10	-50	PASS
3	5	19675	25	#0	QPSK	821-925	100	898	-99.07	-36	PASS
3	5	19675	25	#0	QPSK	925-960	1000	943.9	-88.82	-50	PASS
3	5	19675	25	#0	QPSK	960-1000	100	977.84	-98.15	-36	PASS
3	5	19675	25	#0	QPSK	1000-1452	1000	1251.764	-86.59	-30	PASS
3	5	19675	25	#0	QPSK	1452-1496	1000	1494.856	-87.02	-50	PASS
3	5	19675	25	#0	QPSK	1496-1710	1000	1512.05	-86.94	-30	PASS
3	5	19675	25	#0	QPSK	1785-1805	1000	1802.6	-86.43	-30	PASS
3	5	19675	25	#0	QPSK	1805-1880	1000	1854.35	-84.85	-50	PASS
3	5	19675	25	#0	QPSK	1880-1900	1000	1899.5	-86.34	-30	PASS
3	5	19675	25	#0	QPSK	1900-1920	1000	1918.14	-85.81	-50	PASS
3	5	19675	25	#0	QPSK	1920-2010	1000	1987.5	-85.21	-30	PASS

3	5	19675	25	#0	QPSK	2010-2025	1000	2024.415	-85.24	-50	PASS
3	5	19675	25	#0	QPSK	2025-2110	1000	2096.23	-84.57	-30	PASS
3	5	19675	25	#0	QPSK	2110-2200	1000	2158.96	-84.44	-50	PASS
3	5	19675	25	#0	QPSK	2200-2300	1000	2227.1	-84.36	-30	PASS
3	5	19675	25	#0	QPSK	2300-2400	1000	2377.9	-84.38	-50	PASS
3	5	19675	25	#0	QPSK	2400-2570	1000	2470.38	-83.19	-30	PASS
3	5	19675	25	#0	QPSK	2570-2690	1000	2641.88	-82.03	-50	PASS
3	5	19675	25	#0	QPSK	2690-3400	1000	3147.95	-82.14	-30	PASS
3	5	19675	25	#0	QPSK	3400-3800	1000	3516.8	-64.33	-50	PASS
3	5	19675	25	#0	QPSK	3800-12750	1000	7025	-74.49	-30	PASS
3	5	19875	1	#0	QPSK	0.009-0.15	1	0.063003	-97.08	-36	PASS
3	5	19875	1	#0	QPSK	0.15-30	10	0.18	-99.60	-36	PASS
3	5	19875	1	#0	QPSK	30-462.5	100	461.6	-99.48	-36	PASS
3	5	19875	1	#0	QPSK	462.5-467.5	1000	464.375	-90.73	-50	PASS
3	5	19875	1	#0	QPSK	467.5-738	100	703.2	-99.48	-36	PASS
3	5	19875	1	#0	QPSK	738-821	1000	807.139	-89.50	-50	PASS
3	5	19875	1	#0	QPSK	821-925	100	887.7	-99.26	-36	PASS
3	5	19875	1	#0	QPSK	925-960	1000	937.11	-88.92	-50	PASS
3	5	19875	1	#0	QPSK	960-1000	100	964.64	-98.61	-36	PASS
3	5	19875	1	#0	QPSK	1000-1452	1000	1371.092	-87.49	-30	PASS
3	5	19875	1	#0	QPSK	1452-1496	1000	1492.392	-86.66	-50	PASS
3	5	19875	1	#0	QPSK	1496-1710	1000	1698.872	-86.37	-30	PASS
3	5	19875	1	#0	QPSK	1795-1805	1000	1802.07	-85.07	-30	PASS
3	5	19875	1	#0	QPSK	1805-1880	1000	1871.375	-83.17	-50	PASS
3	5	19875	1	#0	QPSK	1880-1900	1000	1896.76	-85.69	-30	PASS
3	5	19875	1	#0	QPSK	1900-1920	1000	1916.64	-85.04	-50	PASS
3	5	19875	1	#0	QPSK	1920-2010	1000	1930.44	-85.20	-30	PASS
3	5	19875	1	#0	QPSK	2010-2025	1000	2024.4	-85.20	-50	PASS
3	5	19875	1	#0	QPSK	2025-2110	1000	2084.33	-84.86	-30	PASS
3	5	19875	1	#0	QPSK	2110-2200	1000	2140.87	-84.97	-50	PASS
3	5	19875	1	#0	QPSK	2200-2300	1000	2217	-85.12	-30	PASS
3	5	19875	1	#0	QPSK	2300-2400	1000	2318.4	-84.30	-50	PASS
3	5	19875	1	#0	QPSK	2400-2570	1000	2410.88	-81.51	-30	PASS
3	5	19875	1	#0	QPSK	2570-2690	1000	2648.84	-82.50	-50	PASS
3	5	19875	1	#0	QPSK	2690-3400	1000	2695.68	-82.24	-30	PASS
3	5	19875	1	#0	QPSK	3400-3800	1000	3550.8	-56.78	-50	PASS
3	5	19875	1	#0	QPSK	3800-12750	1000	7101	-67.56	-30	PASS
3	5	19875	1	#Max	QPSK	0.009-0.15	1	0.062862	-96.78	-36	PASS
3	5	19875	1	#Max	QPSK	0.15-30	10	0.16	-100.80	-36	PASS
3	5	19875	1	#Max	QPSK	30-462.5	100	427	-99.86	-36	PASS
3	5	19875	1	#Max	QPSK	462.5-467.5	1000	464.365	-90.75	-50	PASS
3	5	19875	1	#Max	QPSK	467.5-738	100	737.3	-99.52	-36	PASS

3	5	19875	1	#Max	QPSK	738-821	1000	779.998	-89.31	-50	PASS
3	5	19875	1	#Max	QPSK	821-925	100	869.3	-99.07	-36	PASS
3	5	19875	1	#Max	QPSK	925-960	1000	954.82	-89.05	-50	PASS
3	5	19875	1	#Max	QPSK	960-1000	100	986.56	-98.38	-36	PASS
3	5	19875	1	#Max	QPSK	1000-1452	1000	1449.74	-87.29	-30	PASS
3	5	19875	1	#Max	QPSK	1452-1496	1000	1479.676	-86.71	-50	PASS
3	5	19875	1	#Max	QPSK	1496-1710	1000	1633.816	-86.48	-30	PASS
3	5	19875	1	#Max	QPSK	1795-1805	1000	1803.74	-84.85	-30	PASS
3	5	19875	1	#Max	QPSK	1805-1880	1000	1871.075	-83.13	-50	PASS
3	5	19875	1	#Max	QPSK	1880-1900	1000	1888.72	-85.60	-30	PASS
3	5	19875	1	#Max	QPSK	1900-1920	1000	1917.1	-85.91	-50	PASS
3	5	19875	1	#Max	QPSK	1920-2010	1000	1965.81	-84.69	-30	PASS
3	5	19875	1	#Max	QPSK	2010-2025	1000	2016.69	-84.73	-50	PASS
3	5	19875	1	#Max	QPSK	2025-2110	1000	2069.285	-85.11	-30	PASS
3	5	19875	1	#Max	QPSK	2110-2200	1000	2163.73	-84.53	-50	PASS
3	5	19875	1	#Max	QPSK	2200-2300	1000	2290.4	-84.95	-30	PASS
3	5	19875	1	#Max	QPSK	2300-2400	1000	2391.5	-84.06	-50	PASS
3	5	19875	1	#Max	QPSK	2400-2570	1000	2541.1	-83.50	-30	PASS
3	5	19875	1	#Max	QPSK	2570-2690	1000	2676.92	-82.24	-50	PASS
3	5	19875	1	#Max	QPSK	2690-3400	1000	2705.62	-81.83	-30	PASS
3	5	19875	1	#Max	QPSK	3400-3800	1000	3559.6	-54.61	-50	PASS
3	5	19875	1	#Max	QPSK	3800-12750	1000	7118	-68.48	-30	PASS
3	5	19875	25	#0	QPSK	0.009-0.15	1	0.063003	-96.60	-36	PASS
3	5	19875	25	#0	QPSK	0.15-30	10	0.19	-100.13	-36	PASS
3	5	19875	25	#0	QPSK	30-462.5	100	455.6	-99.98	-36	PASS
3	5	19875	25	#0	QPSK	462.5-467.5	1000	464.225	-90.53	-50	PASS
3	5	19875	25	#0	QPSK	467.5-738	100	688.1	-99.82	-36	PASS
3	5	19875	25	#0	QPSK	738-821	1000	750.865	-89.60	-50	PASS
3	5	19875	25	#0	QPSK	821-925	100	897.9	-99.03	-36	PASS
3	5	19875	25	#0	QPSK	925-960	1000	947.785	-89.12	-50	PASS
3	5	19875	25	#0	QPSK	960-1000	100	994.16	-98.13	-36	PASS
3	5	19875	25	#0	QPSK	1000-1452	1000	1343.972	-87.21	-30	PASS
3	5	19875	25	#0	QPSK	1452-1496	1000	1477.608	-86.68	-50	PASS
3	5	19875	25	#0	QPSK	1496-1710	1000	1540.084	-86.73	-30	PASS
3	5	19875	25	#0	QPSK	1795-1805	1000	1800.55	-85.06	-30	PASS
3	5	19875	25	#0	QPSK	1805-1880	1000	1871.375	-84.15	-50	PASS
3	5	19875	25	#0	QPSK	1880-1900	1000	1898.38	-85.47	-30	PASS
3	5	19875	25	#0	QPSK	1900-1920	1000	1916.7	-86.02	-50	PASS
3	5	19875	25	#0	QPSK	1920-2010	1000	1941.87	-85.18	-30	PASS
3	5	19875	25	#0	QPSK	2010-2025	1000	2019.945	-85.22	-50	PASS
3	5	19875	25	#0	QPSK	2025-2110	1000	2059.425	-85.37	-30	PASS
3	5	19875	25	#0	QPSK	2110-2200	1000	2173.09	-84.94	-50	PASS

3	5	19875	25	#0	QPSK	2200-2300	1000	2249.8	-84.56	-30	PASS
3	5	19875	25	#0	QPSK	2300-2400	1000	2342	-84.18	-50	PASS
3	5	19875	25	#0	QPSK	2400-2570	1000	2548.75	-82.59	-30	PASS
3	5	19875	25	#0	QPSK	2570-2690	1000	2688.92	-82.84	-50	PASS
3	5	19875	25	#0	QPSK	2690-3400	1000	3199.78	-82.74	-30	PASS
3	5	19875	25	#0	QPSK	3400-3800	1000	3556.4	-63.00	-50	PASS
3	5	19875	25	#0	QPSK	3800-12750	1000	7109	-73.40	-30	PASS
3	20	19550	1	#0	QPSK	0.009-0.15	1	0.062862	-96.61	-36	PASS
3	20	19550	1	#0	QPSK	0.15-30	10	0.16	-100.24	-36	PASS
3	20	19550	1	#0	QPSK	30-462.5	100	434.2	-100.36	-36	PASS
3	20	19550	1	#0	QPSK	462.5-467.5	1000	466.03	-90.43	-50	PASS
3	20	19550	1	#0	QPSK	467.5-738	100	688.8	-99.93	-36	PASS
3	20	19550	1	#0	QPSK	738-821	1000	763.73	-89.31	-50	PASS
3	20	19550	1	#0	QPSK	821-925	100	826.2	-98.91	-36	PASS
3	20	19550	1	#0	QPSK	925-960	1000	948.03	-88.39	-50	PASS
3	20	19550	1	#0	QPSK	960-1000	100	987.8	-98.68	-36	PASS
3	20	19550	1	#0	QPSK	1000-1452	1000	1402.28	-87.45	-30	PASS
3	20	19550	1	#0	QPSK	1452-1496	1000	1473.032	-86.97	-50	PASS
3	20	19550	1	#0	QPSK	1496-1685	1000	1641.53	-85.00	-30	PASS
3	20	19550	1	#0	QPSK	1785-1805	1000	1804.06	-86.54	-30	PASS
3	20	19550	1	#0	QPSK	1805-1880	1000	1838.45	-81.98	-50	PASS
3	20	19550	1	#0	QPSK	1880-1900	1000	1886.78	-86.29	-30	PASS
3	20	19550	1	#0	QPSK	1900-1920	1000	1901.02	-85.98	-50	PASS
3	20	19550	1	#0	QPSK	1920-2010	1000	1944.12	-83.84	-30	PASS
3	20	19550	1	#0	QPSK	2010-2025	1000	2019.405	-84.76	-50	PASS
3	20	19550	1	#0	QPSK	2025-2110	1000	2029.675	-84.93	-30	PASS
3	20	19550	1	#0	QPSK	2110-2200	1000	2161.66	-84.40	-50	PASS
3	20	19550	1	#0	QPSK	2200-2300	1000	2210.4	-84.21	-30	PASS
3	20	19550	1	#0	QPSK	2300-2400	1000	2395.5	-83.56	-50	PASS
3	20	19550	1	#0	QPSK	2400-2570	1000	2555.55	-83.41	-30	PASS
3	20	19550	1	#0	QPSK	2570-2690	1000	2681.12	-82.72	-50	PASS
3	20	19550	1	#0	QPSK	2690-3400	1000	2690.71	-82.85	-30	PASS
3	20	19550	1	#0	QPSK	3400-3800	1000	3472.4	-55.38	-50	PASS
3	20	19550	1	#0	QPSK	3800-12750	1000	6944	-71.44	-30	PASS
3	20	19550	1	#Max	QPSK	0.009-0.15	1	0.063003	-96.73	-36	PASS
3	20	19550	1	#Max	QPSK	0.15-30	10	0.16	-100.14	-36	PASS
3	20	19550	1	#Max	QPSK	30-462.5	100	421.3	-100.24	-36	PASS
3	20	19550	1	#Max	QPSK	462.5-467.5	1000	464.995	-90.93	-50	PASS
3	20	19550	1	#Max	QPSK	467.5-738	100	736.4	-99.59	-36	PASS
3	20	19550	1	#Max	QPSK	738-821	1000	817.182	-89.34	-50	PASS
3	20	19550	1	#Max	QPSK	821-925	100	922.7	-99.12	-36	PASS
3	20	19550	1	#Max	QPSK	925-960	1000	948.135	-89.22	-50	PASS

3	20	19550	1	#Max	QPSK	960-1000	100	968.24	-98.45	-36	PASS
3	20	19550	1	#Max	QPSK	1000-1452	1000	1363.408	-87.04	-30	PASS
3	20	19550	1	#Max	QPSK	1452-1496	1000	1488.872	-87.32	-50	PASS
3	20	19550	1	#Max	QPSK	1496-1685	1000	1682.732	-83.81	-30	PASS
3	20	19550	1	#Max	QPSK	1785-1805	1000	1794.04	-86.12	-30	PASS
3	20	19550	1	#Max	QPSK	1805-1880	1000	1835.75	-82.60	-50	PASS
3	20	19550	1	#Max	QPSK	1880-1900	1000	1894.28	-85.79	-30	PASS
3	20	19550	1	#Max	QPSK	1900-1920	1000	1910.52	-85.68	-50	PASS
3	20	19550	1	#Max	QPSK	1920-2010	1000	1926.48	-83.43	-30	PASS
3	20	19550	1	#Max	QPSK	2010-2025	1000	2021.775	-85.26	-50	PASS
3	20	19550	1	#Max	QPSK	2025-2110	1000	2099.29	-85.08	-30	PASS
3	20	19550	1	#Max	QPSK	2110-2200	1000	2189.74	-84.24	-50	PASS
3	20	19550	1	#Max	QPSK	2200-2300	1000	2279.6	-83.99	-30	PASS
3	20	19550	1	#Max	QPSK	2300-2400	1000	2395.1	-83.76	-50	PASS
3	20	19550	1	#Max	QPSK	2400-2570	1000	2545.86	-82.96	-30	PASS
3	20	19550	1	#Max	QPSK	2570-2690	1000	2681.12	-82.74	-50	PASS
3	20	19550	1	#Max	QPSK	2690-3400	1000	3292.79	-82.35	-30	PASS
3	20	19550	1	#Max	QPSK	3400-3800	1000	3508	-56.55	-50	PASS
3	20	19550	1	#Max	QPSK	3800-12750	1000	7015	-68.79	-30	PASS
3	20	19550	100	#0	QPSK	0.009-0.15	1	0.063003	-96.80	-36	PASS
3	20	19550	100	#0	QPSK	0.15-30	10	0.18	-99.75	-36	PASS
3	20	19550	100	#0	QPSK	30-462.5	100	454.6	-100.18	-36	PASS
3	20	19550	100	#0	QPSK	462.5-467.5	1000	463.685	-90.79	-50	PASS
3	20	19550	100	#0	QPSK	467.5-738	100	731.2	-99.89	-36	PASS
3	20	19550	100	#0	QPSK	738-821	1000	789.377	-89.42	-50	PASS
3	20	19550	100	#0	QPSK	821-925	100	875	-98.77	-36	PASS
3	20	19550	100	#0	QPSK	925-960	1000	940.995	-87.69	-50	PASS
3	20	19550	100	#0	QPSK	960-1000	100	990.32	-98.25	-36	PASS
3	20	19550	100	#0	QPSK	1000-1452	1000	1376.968	-87.08	-30	PASS
3	20	19550	100	#0	QPSK	1452-1496	1000	1480.82	-87.36	-50	PASS
3	20	19550	100	#0	QPSK	1496-1685	1000	1683.488	-83.10	-30	PASS
3	20	19550	100	#0	QPSK	1785-1805	1000	1802.9	-86.89	-30	PASS
3	20	19550	100	#0	QPSK	1805-1880	1000	1839.95	-82.81	-50	PASS
3	20	19550	100	#0	QPSK	1880-1900	1000	1882.8	-85.82	-30	PASS
3	20	19550	100	#0	QPSK	1900-1920	1000	1907.02	-85.97	-50	PASS
3	20	19550	100	#0	QPSK	1920-2010	1000	1979.13	-84.96	-30	PASS
3	20	19550	100	#0	QPSK	2010-2025	1000	2022.765	-85.47	-50	PASS
3	20	19550	100	#0	QPSK	2025-2110	1000	2099.545	-85.19	-30	PASS
3	20	19550	100	#0	QPSK	2110-2200	1000	2187.04	-84.57	-50	PASS
3	20	19550	100	#0	QPSK	2200-2300	1000	2289.4	-84.19	-30	PASS
3	20	19550	100	#0	QPSK	2300-2400	1000	2379.9	-83.23	-50	PASS
3	20	19550	100	#0	QPSK	2400-2570	1000	2528.01	-83.17	-30	PASS

3	20	19550	100	#0	QPSK	2570-2690	1000	2651.12	-82.29	-50	PASS
3	20	19550	100	#0	QPSK	2690-3400	1000	3119.55	-82.96	-30	PASS
3	20	19550	100	#0	QPSK	3400-3800	1000	3485.2	-69.22	-50	PASS
3	20	19550	100	#0	QPSK	3800-12750	1000	6980	-76.31	-30	PASS
3	20	19675	1	#0	QPSK	0.009-0.15	1	0.063003	-96.98	-36	PASS
3	20	19675	1	#0	QPSK	0.15-30	10	0.16	-100.10	-36	PASS
3	20	19675	1	#0	QPSK	30-462.5	100	417.5	-99.92	-36	PASS
3	20	19675	1	#0	QPSK	462.5-467.5	1000	466.475	-90.66	-50	PASS
3	20	19675	1	#0	QPSK	467.5-738	100	737.9	-100.08	-36	PASS
3	20	19675	1	#0	QPSK	738-821	1000	806.06	-89.15	-50	PASS
3	20	19675	1	#0	QPSK	821-925	100	887.7	-98.54	-36	PASS
3	20	19675	1	#0	QPSK	925-960	1000	948.1	-89.03	-50	PASS
3	20	19675	1	#0	QPSK	960-1000	100	965.04	-97.77	-36	PASS
3	20	19675	1	#0	QPSK	1000-1452	1000	1424.88	-87.14	-30	PASS
3	20	19675	1	#0	QPSK	1452-1496	1000	1475.936	-87.08	-50	PASS
3	20	19675	1	#0	QPSK	1496-1710	1000	1592.086	-86.78	-30	PASS
3	20	19675	1	#0	QPSK	1785-1805	1000	1800.74	-86.04	-30	PASS
3	20	19675	1	#0	QPSK	1805-1880	1000	1858.475	-83.73	-50	PASS
3	20	19675	1	#0	QPSK	1880-1900	1000	1886.44	-86.17	-30	PASS
3	20	19675	1	#0	QPSK	1900-1920	1000	1919.5	-85.98	-50	PASS
3	20	19675	1	#0	QPSK	1920-2010	1000	1956.27	-85.09	-30	PASS
3	20	19675	1	#0	QPSK	2010-2025	1000	2011.26	-85.35	-50	PASS
3	20	19675	1	#0	QPSK	2025-2110	1000	2068.435	-85.01	-30	PASS
3	20	19675	1	#0	QPSK	2110-2200	1000	2136.46	-84.89	-50	PASS
3	20	19675	1	#0	QPSK	2200-2300	1000	2297.4	-84.43	-30	PASS
3	20	19675	1	#0	QPSK	2300-2400	1000	2394.1	-83.73	-50	PASS
3	20	19675	1	#0	QPSK	2400-2570	1000	2526.31	-68.11	-30	PASS
3	20	19675	1	#0	QPSK	2570-2690	1000	2682.56	-82.61	-50	PASS
3	20	19675	1	#0	QPSK	2690-3400	1000	3289.24	-83.10	-30	PASS
3	20	19675	1	#0	QPSK	3400-3800	1000	3497.2	-58.04	-50	PASS
3	20	19675	1	#0	QPSK	3800-12750	1000	6994	-67.17	-30	PASS
3	20	19675	1	#Max	QPSK	0.009-0.15	1	0.063144	-97.33	-36	PASS
3	20	19675	1	#Max	QPSK	0.15-30	10	0.17	-99.98	-36	PASS
3	20	19675	1	#Max	QPSK	30-462.5	100	404.3	-100.43	-36	PASS
3	20	19675	1	#Max	QPSK	462.5-467.5	1000	465.11	-91.00	-50	PASS
3	20	19675	1	#Max	QPSK	467.5-738	100	689	-99.67	-36	PASS
3	20	19675	1	#Max	QPSK	738-821	1000	790.954	-89.50	-50	PASS
3	20	19675	1	#Max	QPSK	821-925	100	920.9	-98.84	-36	PASS
3	20	19675	1	#Max	QPSK	925-960	1000	947.68	-88.28	-50	PASS
3	20	19675	1	#Max	QPSK	960-1000	100	964.72	-97.70	-36	PASS
3	20	19675	1	#Max	QPSK	1000-1452	1000	1416.744	-87.13	-30	PASS
3	20	19675	1	#Max	QPSK	1452-1496	1000	1456.4	-86.99	-50	PASS

3	20	19675	1	#Max	QPSK	1496-1710	1000	1698.016	-85.85	-30	PASS
3	20	19675	1	#Max	QPSK	1785-1805	1000	1790.28	-86.99	-30	PASS
3	20	19675	1	#Max	QPSK	1805-1880	1000	1860.05	-83.44	-50	PASS
3	20	19675	1	#Max	QPSK	1880-1900	1000	1885.64	-85.93	-30	PASS
3	20	19675	1	#Max	QPSK	1900-1920	1000	1903	-85.76	-50	PASS
3	20	19675	1	#Max	QPSK	1920-2010	1000	1938.81	-83.71	-30	PASS
3	20	19675	1	#Max	QPSK	2010-2025	1000	2022.51	-84.86	-50	PASS
3	20	19675	1	#Max	QPSK	2025-2110	1000	2067.075	-84.85	-30	PASS
3	20	19675	1	#Max	QPSK	2110-2200	1000	2168.14	-84.61	-50	PASS
3	20	19675	1	#Max	QPSK	2200-2300	1000	2233.2	-84.49	-30	PASS
3	20	19675	1	#Max	QPSK	2300-2400	1000	2392.8	-84.14	-50	PASS
3	20	19675	1	#Max	QPSK	2400-2570	1000	2526.14	-63.98	-30	PASS
3	20	19675	1	#Max	QPSK	2570-2690	1000	2674.16	-82.48	-50	PASS
3	20	19675	1	#Max	QPSK	2690-3400	1000	2690.71	-82.53	-30	PASS
3	20	19675	1	#Max	QPSK	3400-3800	1000	3532.8	-57.51	-50	PASS
3	20	19675	1	#Max	QPSK	3800-12750	1000	7065	-67.27	-30	PASS
3	20	19675	100	#0	QPSK	0.009-0.15	1	0.062721	-97.14	-36	PASS
3	20	19675	100	#0	QPSK	0.15-30	10	0.16	-101.22	-36	PASS
3	20	19675	100	#0	QPSK	30-462.5	100	440.4	-99.86	-36	PASS
3	20	19675	100	#0	QPSK	462.5-467.5	1000	463.185	-90.57	-50	PASS
3	20	19675	100	#0	QPSK	467.5-738	100	729.3	-99.86	-36	PASS
3	20	19675	100	#0	QPSK	738-821	1000	817.597	-89.09	-50	PASS
3	20	19675	100	#0	QPSK	821-925	100	874.3	-98.85	-36	PASS
3	20	19675	100	#0	QPSK	925-960	1000	932.945	-88.50	-50	PASS
3	20	19675	100	#0	QPSK	960-1000	100	985.76	-98.40	-36	PASS
3	20	19675	100	#0	QPSK	1000-1452	1000	1432.112	-87.01	-30	PASS
3	20	19675	100	#0	QPSK	1452-1496	1000	1462.604	-87.34	-50	PASS
3	20	19675	100	#0	QPSK	1496-1710	1000	1700.37	-78.20	-30	PASS
3	20	19675	100	#0	QPSK	1785-1805	1000	1788.58	-86.44	-30	PASS
3	20	19675	100	#0	QPSK	1805-1880	1000	1860.125	-83.26	-50	PASS
3	20	19675	100	#0	QPSK	1880-1900	1000	1895.36	-85.86	-30	PASS
3	20	19675	100	#0	QPSK	1900-1920	1000	1905.38	-85.75	-50	PASS
3	20	19675	100	#0	QPSK	1920-2010	1000	1966.35	-85.04	-30	PASS
3	20	19675	100	#0	QPSK	2010-2025	1000	2021.73	-85.19	-50	PASS
3	20	19675	100	#0	QPSK	2025-2110	1000	2025.85	-85.05	-30	PASS
3	20	19675	100	#0	QPSK	2110-2200	1000	2125.39	-84.78	-50	PASS
3	20	19675	100	#0	QPSK	2200-2300	1000	2294.5	-83.99	-30	PASS
3	20	19675	100	#0	QPSK	2300-2400	1000	2358.8	-84.25	-50	PASS
3	20	19675	100	#0	QPSK	2400-2570	1000	2526.14	-64.30	-30	PASS
3	20	19675	100	#0	QPSK	2570-2690	1000	2583.8	-82.60	-50	PASS
3	20	19675	100	#0	QPSK	2690-3400	1000	3171.38	-82.70	-30	PASS
3	20	19675	100	#0	QPSK	3400-3800	1000	3515.2	-69.06	-50	PASS



3	20	19675	100	#0	QPSK	3800-12750	1000	7030	-75.75	-30	PASS
3	20	19800	1	#0	QPSK	0.009-0.15	1	0.062862	-97.47	-36	PASS
3	20	19800	1	#0	QPSK	0.15-30	10	0.18	-99.95	-36	PASS
3	20	19800	1	#0	QPSK	30-462.5	100	429.5	-100.19	-36	PASS
3	20	19800	1	#0	QPSK	462.5-467.5	1000	466.19	-90.72	-50	PASS
3	20	19800	1	#0	QPSK	467.5-738	100	729.7	-99.63	-36	PASS
3	20	19800	1	#0	QPSK	738-821	1000	798.507	-89.71	-50	PASS
3	20	19800	1	#0	QPSK	821-925	100	868.7	-98.83	-36	PASS
3	20	19800	1	#0	QPSK	925-960	1000	931.545	-88.31	-50	PASS
3	20	19800	1	#0	QPSK	960-1000	100	972.52	-98.68	-36	PASS
3	20	19800	1	#0	QPSK	1000-1452	1000	1306.456	-87.19	-30	PASS
3	20	19800	1	#0	QPSK	1452-1496	1000	1480.248	-86.91	-50	PASS
3	20	19800	1	#0	QPSK	1496-1710	1000	1699.3	-86.21	-30	PASS
3	20	19800	1	#0	QPSK	1785-1805	1000	1791.02	-84.76	-30	PASS
3	20	19800	1	#0	QPSK	1805-1880	1000	1862.375	-81.35	-50	PASS
3	20	19800	1	#0	QPSK	1880-1900	1000	1883.68	-85.92	-30	PASS
3	20	19800	1	#0	QPSK	1900-1920	1000	1917.34	-85.88	-50	PASS
3	20	19800	1	#0	QPSK	1920-2010	1000	1968.69	-83.79	-30	PASS
3	20	19800	1	#0	QPSK	2010-2025	1000	2019.135	-85.14	-50	PASS
3	20	19800	1	#0	QPSK	2025-2110	1000	2053.05	-85.05	-30	PASS
3	20	19800	1	#0	QPSK	2110-2200	1000	2193.16	-84.76	-50	PASS
3	20	19800	1	#0	QPSK	2200-2300	1000	2250	-84.38	-30	PASS
3	20	19800	1	#0	QPSK	2300-2400	1000	2340.6	-83.80	-50	PASS
3	20	19800	1	#0	QPSK	2400-2570	1000	2567.96	-83.37	-30	PASS
3	20	19800	1	#0	QPSK	2570-2690	1000	2653.4	-80.81	-50	PASS
3	20	19800	1	#0	QPSK	2690-3400	1000	2708.46	-82.77	-30	PASS
3	20	19800	1	#0	QPSK	3400-3800	1000	3522.4	-56.79	-50	PASS
3	20	19800	1	#0	QPSK	3800-12750	1000	7044	-68.07	-30	PASS
3	20	19800	1	#Max	QPSK	0.009-0.15	1	0.062862	-96.48	-36	PASS
3	20	19800	1	#Max	QPSK	0.15-30	10	0.16	-99.28	-36	PASS
3	20	19800	1	#Max	QPSK	30-462.5	100	279.8	-100.24	-36	PASS
3	20	19800	1	#Max	QPSK	462.5-467.5	1000	464.54	-90.93	-50	PASS
3	20	19800	1	#Max	QPSK	467.5-738	100	687	-99.59	-36	PASS
3	20	19800	1	#Max	QPSK	738-821	1000	812.368	-89.58	-50	PASS
3	20	19800	1	#Max	QPSK	821-925	100	909.7	-99.18	-36	PASS
3	20	19800	1	#Max	QPSK	925-960	1000	958.04	-89.08	-50	PASS
3	20	19800	1	#Max	QPSK	960-1000	100	960.76	-98.41	-36	PASS
3	20	19800	1	#Max	QPSK	1000-1452	1000	1377.872	-87.23	-30	PASS
3	20	19800	1	#Max	QPSK	1452-1496	1000	1478.4	-86.84	-50	PASS
3	20	19800	1	#Max	QPSK	1496-1710	1000	1650.936	-86.34	-30	PASS
3	20	19800	1	#Max	QPSK	1785-1805	1000	1787.44	-85.29	-30	PASS
3	20	19800	1	#Max	QPSK	1805-1880	1000	1862.6	-82.11	-50	PASS



3	20	19800	1	#Max	QPSK	1880-1900	1000	1891.08	-85.71	-30	PASS
3	20	19800	1	#Max	QPSK	1900-1920	1000	1903.12	-85.71	-50	PASS
3	20	19800	1	#Max	QPSK	1920-2010	1000	1951.23	-84.33	-30	PASS
3	20	19800	1	#Max	QPSK	2010-2025	1000	2021.07	-85.31	-50	PASS
3	20	19800	1	#Max	QPSK	2025-2110	1000	2102.18	-85.05	-30	PASS
3	20	19800	1	#Max	QPSK	2110-2200	1000	2115.58	-84.78	-50	PASS
3	20	19800	1	#Max	QPSK	2200-2300	1000	2231.5	-84.23	-30	PASS
3	20	19800	1	#Max	QPSK	2300-2400	1000	2378.5	-84.25	-50	PASS
3	20	19800	1	#Max	QPSK	2400-2570	1000	2554.02	-82.98	-30	PASS
3	20	19800	1	#Max	QPSK	2570-2690	1000	2594.24	-82.21	-50	PASS
3	20	19800	1	#Max	QPSK	2690-3400	1000	2754.61	-83.16	-30	PASS
3	20	19800	1	#Max	QPSK	3400-3800	1000	3558	-55.94	-50	PASS
3	20	19800	1	#Max	QPSK	3800-12750	1000	7115	-66.86	-30	PASS
3	20	19800	100	#0	QPSK	0.009-0.15	1	0.062862	-97.26	-36	PASS
3	20	19800	100	#0	QPSK	0.15-30	10	0.16	-99.40	-36	PASS
3	20	19800	100	#0	QPSK	30-462.5	100	426.4	-100.19	-36	PASS
3	20	19800	100	#0	QPSK	462.5-467.5	1000	463.36	-90.88	-50	PASS
3	20	19800	100	#0	QPSK	467.5-738	100	726.8	-99.70	-36	PASS
3	20	19800	100	#0	QPSK	738-821	1000	796.017	-89.53	-50	PASS
3	20	19800	100	#0	QPSK	821-925	100	879.7	-98.93	-36	PASS
3	20	19800	100	#0	QPSK	925-960	1000	956.675	-88.45	-50	PASS
3	20	19800	100	#0	QPSK	960-1000	100	999.36	-97.97	-36	PASS
3	20	19800	100	#0	QPSK	1000-1452	1000	1436.632	-86.81	-30	PASS
3	20	19800	100	#0	QPSK	1452-1496	1000	1453.716	-86.98	-50	PASS
3	20	19800	100	#0	QPSK	1496-1710	1000	1698.872	-79.89	-30	PASS
3	20	19800	100	#0	QPSK	1785-1805	1000	1791.6	-83.03	-30	PASS
3	20	19800	100	#0	QPSK	1805-1880	1000	1866.65	-82.49	-50	PASS
3	20	19800	100	#0	QPSK	1880-1900	1000	1892.46	-85.53	-30	PASS
3	20	19800	100	#0	QPSK	1900-1920	1000	1919.08	-85.20	-50	PASS
3	20	19800	100	#0	QPSK	1920-2010	1000	2005.41	-85.09	-30	PASS
3	20	19800	100	#0	QPSK	2010-2025	1000	2015.385	-85.07	-50	PASS
3	20	19800	100	#0	QPSK	2025-2110	1000	2107.535	-84.74	-30	PASS
3	20	19800	100	#0	QPSK	2110-2200	1000	2188.57	-84.71	-50	PASS
3	20	19800	100	#0	QPSK	2200-2300	1000	2243.7	-84.12	-30	PASS
3	20	19800	100	#0	QPSK	2300-2400	1000	2304.8	-84.31	-50	PASS
3	20	19800	100	#0	QPSK	2400-2570	1000	2446.41	-83.21	-30	PASS
3	20	19800	100	#0	QPSK	2570-2690	1000	2583.92	-82.69	-50	PASS
3	20	19800	100	#0	QPSK	2690-3400	1000	2810.7	-82.71	-30	PASS
3	20	19800	100	#0	QPSK	3400-3800	1000	3538	-68.43	-50	PASS
3	20	19800	100	#0	QPSK	3800-12750	1000	7079	-74.38	-30	PASS
7	5	20775	1	#0	QPSK	0.009-0.15	1	0.065118	-99.25	-36	PASS
7	5	20775	1	#0	QPSK	0.15-30	10	2.38	-97.42	-36	PASS

7	5	20775	1	#0	QPSK	30-462.5	100	455.9	-100.15	-36	PASS
7	5	20775	1	#0	QPSK	462.5-467.5	1000	465.7	-90.61	-50	PASS
7	5	20775	1	#0	QPSK	467.5-738	100	729.9	-99.68	-36	PASS
7	5	20775	1	#0	QPSK	738-821	1000	807.637	-89.53	-50	PASS
7	5	20775	1	#0	QPSK	821-925	100	913.4	-98.46	-36	PASS
7	5	20775	1	#0	QPSK	925-960	1000	940.715	-88.86	-50	PASS
7	5	20775	1	#0	QPSK	960-1000	100	968.76	-98.07	-36	PASS
7	5	20775	1	#0	QPSK	1000-1452	1000	1444.316	-87.16	-30	PASS
7	5	20775	1	#0	QPSK	1452-1496	1000	1455.916	-87.10	-50	PASS
7	5	20775	1	#0	QPSK	1496-1805	1000	1723.424	-86.68	-30	PASS
7	5	20775	1	#0	QPSK	1805-1880	1000	1812.8	-86.31	-50	PASS
7	5	20775	1	#0	QPSK	1880-1900	1000	1894.22	-85.89	-30	PASS
7	5	20775	1	#0	QPSK	1900-1920	1000	1901.7	-85.62	-50	PASS
7	5	20775	1	#0	QPSK	1920-2010	1000	1994.79	-85.06	-30	PASS
7	5	20775	1	#0	QPSK	2010-2025	1000	2021.115	-85.27	-50	PASS
7	5	20775	1	#0	QPSK	2025-2110	1000	2096.825	-84.70	-30	PASS
7	5	20775	1	#0	QPSK	2110-2200	1000	2185.96	-84.20	-50	PASS
7	5	20775	1	#0	QPSK	2200-2300	1000	2298.7	-84.04	-30	PASS
7	5	20775	1	#0	QPSK	2300-2400	1000	2347.5	-83.31	-50	PASS
7	5	20775	1	#0	QPSK	2400-2490	1000	2439.51	-56.59	-30	PASS
7	5	20775	1	#0	QPSK	2570-2575	5000	2572.5	-76.54	1.6	PASS
7	5	20775	1	#0	QPSK	2575-2595	5000	2586.7	-74.34	-15.5	PASS
7	5	20775	1	#0	QPSK	2595-2620	1000	2606.025	-80.14	-40	PASS
7	5	20775	1	#0	QPSK	2620-2690	1000	2670.61	-79.50	-50	PASS
7	5	20775	1	#0	QPSK	2690-3400	1000	2711.3	-83.18	-30	PASS
7	5	20775	1	#0	QPSK	3400-3800	1000	3644.8	-82.36	-50	PASS
7	5	20775	1	#0	QPSK	3800-4000	1000	3841.4	-82.79	-30	PASS
7	5	20775	1	#0	QPSK	4000-12750	1000	7501	-59.82	-30	PASS
7	5	20775	1	#Max	QPSK	0.009-0.15	1	0.075975	-99.76	-36	PASS
7	5	20775	1	#Max	QPSK	0.15-30	10	2.47	-95.57	-36	PASS
7	5	20775	1	#Max	QPSK	30-462.5	100	451.9	-99.99	-36	PASS
7	5	20775	1	#Max	QPSK	462.5-467.5	1000	466.785	-90.74	-50	PASS
7	5	20775	1	#Max	QPSK	467.5-738	100	736.8	-99.71	-36	PASS
7	5	20775	1	#Max	QPSK	738-821	1000	761.489	-89.49	-50	PASS
7	5	20775	1	#Max	QPSK	821-925	100	912.2	-98.66	-36	PASS
7	5	20775	1	#Max	QPSK	925-960	1000	944.145	-89.15	-50	PASS
7	5	20775	1	#Max	QPSK	960-1000	100	987.44	-98.29	-36	PASS
7	5	20775	1	#Max	QPSK	1000-1452	1000	1250.408	-87.39	-30	PASS
7	5	20775	1	#Max	QPSK	1452-1496	1000	1475.716	-86.67	-50	PASS
7	5	20775	1	#Max	QPSK	1496-1805	1000	1688.507	-86.64	-30	PASS
7	5	20775	1	#Max	QPSK	1805-1880	1000	1868.225	-85.96	-50	PASS
7	5	20775	1	#Max	QPSK	1880-1900	1000	1889.28	-85.88	-30	PASS

7	5	20775	1	#Max	QPSK	1900-1920	1000	1908.62	-85.93	-50	PASS
7	5	20775	1	#Max	QPSK	1920-2010	1000	1988.67	-84.74	-30	PASS
7	5	20775	1	#Max	QPSK	2010-2025	1000	2018.895	-85.48	-50	PASS
7	5	20775	1	#Max	QPSK	2025-2110	1000	2099.46	-84.66	-30	PASS
7	5	20775	1	#Max	QPSK	2110-2200	1000	2189.47	-84.33	-50	PASS
7	5	20775	1	#Max	QPSK	2200-2300	1000	2259.6	-84.27	-30	PASS
7	5	20775	1	#Max	QPSK	2300-2400	1000	2399	-83.40	-50	PASS
7	5	20775	1	#Max	QPSK	2400-2490	1000	2429.25	-63.92	-30	PASS
7	5	20775	1	#Max	QPSK	2570-2575	5000	2572.5	-75.19	1.6	PASS
7	5	20775	1	#Max	QPSK	2575-2595	5000	2586.16	-74.16	-15.5	PASS
7	5	20775	1	#Max	QPSK	2595-2620	1000	2599.975	-80.21	-40	PASS
7	5	20775	1	#Max	QPSK	2620-2690	1000	2649.96	-80.38	-50	PASS
7	5	20775	1	#Max	QPSK	2690-3400	1000	3163.57	-82.55	-30	PASS
7	5	20775	1	#Max	QPSK	3400-3800	1000	3667.6	-82.11	-50	PASS
7	5	20775	1	#Max	QPSK	3800-4000	1000	3822.6	-82.94	-30	PASS
7	5	20775	1	#Max	QPSK	4000-12750	1000	7513	-61.30	-30	PASS
7	5	20775	25	#0	QPSK	0.009-0.15	1	0.098253	-100.02	-36	PASS
7	5	20775	25	#0	QPSK	0.15-30	10	0.18	-99.23	-36	PASS
7	5	20775	25	#0	QPSK	30-462.5	100	438.5	-100.14	-36	PASS
7	5	20775	25	#0	QPSK	462.5-467.5	1000	466.255	-90.80	-50	PASS
7	5	20775	25	#0	QPSK	467.5-738	100	721.7	-99.28	-36	PASS
7	5	20775	25	#0	QPSK	738-821	1000	812.202	-89.46	-50	PASS
7	5	20775	25	#0	QPSK	821-925	100	905.2	-98.67	-36	PASS
7	5	20775	25	#0	QPSK	925-960	1000	952.965	-89.12	-50	PASS
7	5	20775	25	#0	QPSK	960-1000	100	998.04	-97.65	-36	PASS
7	5	20775	25	#0	QPSK	1000-1452	1000	1401.376	-87.40	-30	PASS
7	5	20775	25	#0	QPSK	1452-1496	1000	1478.664	-87.08	-50	PASS
7	5	20775	25	#0	QPSK	1496-1805	1000	1619.909	-85.87	-30	PASS
7	5	20775	25	#0	QPSK	1805-1880	1000	1862.15	-85.73	-50	PASS
7	5	20775	25	#0	QPSK	1880-1900	1000	1886.4	-85.84	-30	PASS
7	5	20775	25	#0	QPSK	1900-1920	1000	1907.32	-85.93	-50	PASS
7	5	20775	25	#0	QPSK	1920-2010	1000	1998.84	-85.72	-30	PASS
7	5	20775	25	#0	QPSK	2010-2025	1000	2012.79	-85.07	-50	PASS
7	5	20775	25	#0	QPSK	2025-2110	1000	2054.92	-83.93	-30	PASS
7	5	20775	25	#0	QPSK	2110-2200	1000	2198.11	-84.49	-50	PASS
7	5	20775	25	#0	QPSK	2200-2300	1000	2278.4	-83.88	-30	PASS
7	5	20775	25	#0	QPSK	2300-2400	1000	2399.5	-83.23	-50	PASS
7	5	20775	25	#0	QPSK	2400-2490	1000	2489.1	-48.19	-30	PASS
7	5	20775	25	#0	QPSK	2570-2575	5000	2572.5	-75.51	1.6	PASS
7	5	20775	25	#0	QPSK	2575-2595	5000	2578.48	-73.97	-15.5	PASS
7	5	20775	25	#0	QPSK	2595-2620	1000	2607.375	-80.41	-40	PASS
7	5	20775	25	#0	QPSK	2620-2690	1000	2627.42	-79.90	-50	PASS

7	5	20775	25	#0	QPSK	2690-3400	1000	2761	-82.65	-30	PASS
7	5	20775	25	#0	QPSK	3400-3800	1000	3742	-81.48	-50	PASS
7	5	20775	25	#0	QPSK	3800-4000	1000	3805.6	-82.58	-30	PASS
7	5	20775	25	#0	QPSK	4000-12750	1000	7506	-69.28	-30	PASS
7	5	21100	1	#0	QPSK	0.009-0.15	1	0.064977	-98.99	-36	PASS
7	5	21100	1	#0	QPSK	0.15-30	10	2.48	-97.62	-36	PASS
7	5	21100	1	#0	QPSK	30-462.5	100	358.8	-99.58	-36	PASS
7	5	21100	1	#0	QPSK	462.5-467.5	1000	464.865	-90.92	-50	PASS
7	5	21100	1	#0	QPSK	467.5-738	100	717.7	-99.61	-36	PASS
7	5	21100	1	#0	QPSK	738-821	1000	779.998	-88.89	-50	PASS
7	5	21100	1	#0	QPSK	821-925	100	921.3	-98.43	-36	PASS
7	5	21100	1	#0	QPSK	925-960	1000	930.075	-88.77	-50	PASS
7	5	21100	1	#0	QPSK	960-1000	100	963.84	-97.16	-36	PASS
7	5	21100	1	#0	QPSK	1000-1452	1000	1339.904	-86.99	-30	PASS
7	5	21100	1	#0	QPSK	1452-1496	1000	1484.164	-87.09	-50	PASS
7	5	21100	1	#0	QPSK	1496-1805	1000	1683.563	-85.42	-30	PASS
7	5	21100	1	#0	QPSK	1805-1880	1000	1837.925	-85.89	-50	PASS
7	5	21100	1	#0	QPSK	1880-1900	1000	1898	-85.92	-30	PASS
7	5	21100	1	#0	QPSK	1900-1920	1000	1912.32	-85.77	-50	PASS
7	5	21100	1	#0	QPSK	1920-2010	1000	1978.32	-85.69	-30	PASS
7	5	21100	1	#0	QPSK	2010-2025	1000	2018.685	-85.41	-50	PASS
7	5	21100	1	#0	QPSK	2025-2110	1000	2036.135	-85.15	-30	PASS
7	5	21100	1	#0	QPSK	2110-2200	1000	2112.07	-83.80	-50	PASS
7	5	21100	1	#0	QPSK	2200-2300	1000	2203.1	-84.46	-30	PASS
7	5	21100	1	#0	QPSK	2300-2400	1000	2384.9	-83.77	-50	PASS
7	5	21100	1	#0	QPSK	2400-2500	1000	2418.9	-54.17	-30	PASS
7	5	21100	1	#0	QPSK	2570-2575	5000	2572.5	-76.72	1.6	PASS
7	5	21100	1	#0	QPSK	2575-2595	5000	2589.88	-74.24	-15.5	PASS
7	5	21100	1	#0	QPSK	2595-2620	1000	2618.4	-79.92	-40	PASS
7	5	21100	1	#0	QPSK	2620-2690	1000	2648	-79.43	-50	PASS
7	5	21100	1	#0	QPSK	2690-3400	1000	3229.6	-83.03	-30	PASS
7	5	21100	1	#0	QPSK	3400-3800	1000	3674.4	-82.18	-50	PASS
7	5	21100	1	#0	QPSK	3800-4000	1000	3825.6	-82.83	-30	PASS
7	5	21100	1	#0	QPSK	4000-12750	1000	7598	-58.61	-30	PASS
7	5	21100	1	#Max	QPSK	0.009-0.15	1	0.065259	-98.29	-36	PASS
7	5	21100	1	#Max	QPSK	0.15-30	10	2.43	-98.49	-36	PASS
7	5	21100	1	#Max	QPSK	30-462.5	100	400	-99.99	-36	PASS
7	5	21100	1	#Max	QPSK	462.5-467.5	1000	464.5	-90.17	-50	PASS
7	5	21100	1	#Max	QPSK	467.5-738	100	705.6	-99.58	-36	PASS
7	5	21100	1	#Max	QPSK	738-821	1000	759.248	-89.64	-50	PASS
7	5	21100	1	#Max	QPSK	821-925	100	864.8	-99.12	-36	PASS
7	5	21100	1	#Max	QPSK	925-960	1000	954.925	-88.27	-50	PASS

7	5	21100	1	#Max	QPSK	960-1000	100	963.88	-98.54	-36	PASS
7	5	21100	1	#Max	QPSK	1000-1452	1000	1415.388	-87.43	-30	PASS
7	5	21100	1	#Max	QPSK	1452-1496	1000	1464.452	-86.83	-50	PASS
7	5	21100	1	#Max	QPSK	1496-1805	1000	1715.699	-86.58	-30	PASS
7	5	21100	1	#Max	QPSK	1805-1880	1000	1839.8	-86.30	-50	PASS
7	5	21100	1	#Max	QPSK	1880-1900	1000	1898.58	-86.22	-30	PASS
7	5	21100	1	#Max	QPSK	1900-1920	1000	1906.92	-85.40	-50	PASS
7	5	21100	1	#Max	QPSK	1920-2010	1000	1967.61	-85.45	-30	PASS
7	5	21100	1	#Max	QPSK	2010-2025	1000	2019.18	-85.00	-50	PASS
7	5	21100	1	#Max	QPSK	2025-2110	1000	2103.625	-84.39	-30	PASS
7	5	21100	1	#Max	QPSK	2110-2200	1000	2164.54	-85.06	-50	PASS
7	5	21100	1	#Max	QPSK	2200-2300	1000	2278.1	-84.29	-30	PASS
7	5	21100	1	#Max	QPSK	2300-2400	1000	2386.8	-82.94	-50	PASS
7	5	21100	1	#Max	QPSK	2400-2500	1000	2440.7	-59.61	-30	PASS
7	5	21100	1	#Max	QPSK	2570-2575	5000	2572.5	-76.91	1.6	PASS
7	5	21100	1	#Max	QPSK	2575-2595	5000	2585.46	-74.54	-15.5	PASS
7	5	21100	1	#Max	QPSK	2595-2620	1000	2602.675	-80.00	-40	PASS
7	5	21100	1	#Max	QPSK	2620-2690	1000	2656.19	-78.97	-50	PASS
7	5	21100	1	#Max	QPSK	2690-3400	1000	3303.44	-82.77	-30	PASS
7	5	21100	1	#Max	QPSK	3400-3800	1000	3668.8	-82.40	-50	PASS
7	5	21100	1	#Max	QPSK	3800-4000	1000	3819.8	-83.04	-30	PASS
7	5	21100	1	#Max	QPSK	4000-12750	1000	7611	-58.33	-30	PASS
7	5	21100	25	#0	QPSK	0.009-0.15	1	0.065259	-97.53	-36	PASS
7	5	21100	25	#0	QPSK	0.15-30	10	2.48	-98.21	-36	PASS
7	5	21100	25	#0	QPSK	30-462.5	100	450.6	-100.33	-36	PASS
7	5	21100	25	#0	QPSK	462.5-467.5	1000	463.19	-90.50	-50	PASS
7	5	21100	25	#0	QPSK	467.5-738	100	701.4	-99.46	-36	PASS
7	5	21100	25	#0	QPSK	738-821	1000	786.306	-89.20	-50	PASS
7	5	21100	25	#0	QPSK	821-925	100	861.6	-98.68	-36	PASS
7	5	21100	25	#0	QPSK	925-960	1000	925.98	-89.29	-50	PASS
7	5	21100	25	#0	QPSK	960-1000	100	964.8	-98.57	-36	PASS
7	5	21100	25	#0	QPSK	1000-1452	1000	1436.18	-87.14	-30	PASS
7	5	21100	25	#0	QPSK	1452-1496	1000	1479.544	-87.23	-50	PASS
7	5	21100	25	#0	QPSK	1496-1805	1000	1665.95	-86.26	-30	PASS
7	5	21100	25	#0	QPSK	1805-1880	1000	1824.125	-85.71	-50	PASS
7	5	21100	25	#0	QPSK	1880-1900	1000	1893.5	-85.83	-30	PASS
7	5	21100	25	#0	QPSK	1900-1920	1000	1916.22	-84.94	-50	PASS
7	5	21100	25	#0	QPSK	1920-2010	1000	1956.9	-85.55	-30	PASS
7	5	21100	25	#0	QPSK	2010-2025	1000	2024.115	-84.69	-50	PASS
7	5	21100	25	#0	QPSK	2025-2110	1000	2045.655	-84.38	-30	PASS
7	5	21100	25	#0	QPSK	2110-2200	1000	2189.83	-83.84	-50	PASS
7	5	21100	25	#0	QPSK	2200-2300	1000	2244.1	-84.41	-30	PASS

7	5	21100	25	#0	QPSK	2300-2400	1000	2379.8	-83.29	-50	PASS
7	5	21100	25	#0	QPSK	2400-2500	1000	2430.4	-68.96	-30	PASS
7	5	21100	25	#0	QPSK	2570-2575	5000	2572.5	-75.74	1.6	PASS
7	5	21100	25	#0	QPSK	2575-2595	5000	2582.78	-74.39	-15.5	PASS
7	5	21100	25	#0	QPSK	2595-2620	1000	2618.675	-80.17	-40	PASS
7	5	21100	25	#0	QPSK	2620-2690	1000	2622.31	-80.03	-50	PASS
7	5	21100	25	#0	QPSK	2690-3400	1000	3280.72	-82.78	-30	PASS
7	5	21100	25	#0	QPSK	3400-3800	1000	3616.8	-82.55	-50	PASS
7	5	21100	25	#0	QPSK	3800-4000	1000	3815	-82.75	-30	PASS
7	5	21100	25	#0	QPSK	4000-12750	1000	7602	-67.77	-30	PASS
7	5	21425	1	#0	QPSK	0.009-0.15	1	0.065118	-99.80	-36	PASS
7	5	21425	1	#0	QPSK	0.15-30	10	2.52	-99.69	-36	PASS
7	5	21425	1	#0	QPSK	30-462.5	100	447.9	-99.31	-36	PASS
7	5	21425	1	#0	QPSK	462.5-467.5	1000	464.46	-90.27	-50	PASS
7	5	21425	1	#0	QPSK	467.5-738	100	713.2	-99.48	-36	PASS
7	5	21425	1	#0	QPSK	738-821	1000	797.345	-89.38	-50	PASS
7	5	21425	1	#0	QPSK	821-925	100	821.2	-98.60	-36	PASS
7	5	21425	1	#0	QPSK	925-960	1000	939.105	-88.92	-50	PASS
7	5	21425	1	#0	QPSK	960-1000	100	987.44	-98.55	-36	PASS
7	5	21425	1	#0	QPSK	1000-1452	1000	1247.696	-87.09	-30	PASS
7	5	21425	1	#0	QPSK	1452-1496	1000	1476.948	-86.91	-50	PASS
7	5	21425	1	#0	QPSK	1496-1805	1000	1708.901	-86.47	-30	PASS
7	5	21425	1	#0	QPSK	1805-1880	1000	1861.7	-85.82	-50	PASS
7	5	21425	1	#0	QPSK	1880-1900	1000	1893.54	-85.61	-30	PASS
7	5	21425	1	#0	QPSK	1900-1920	1000	1917.98	-86.10	-50	PASS
7	5	21425	1	#0	QPSK	1920-2010	1000	1940.97	-85.33	-30	PASS
7	5	21425	1	#0	QPSK	2010-2025	1000	2021.79	-85.20	-50	PASS
7	5	21425	1	#0	QPSK	2025-2110	1000	2107.62	-84.79	-30	PASS
7	5	21425	1	#0	QPSK	2110-2200	1000	2163.28	-84.78	-50	PASS
7	5	21425	1	#0	QPSK	2200-2300	1000	2211.3	-84.60	-30	PASS
7	5	21425	1	#0	QPSK	2300-2400	1000	2379.1	-83.08	-50	PASS
7	5	21425	1	#0	QPSK	2400-2500	1000	2490.7	-69.82	-30	PASS
7	5	21425	1	#0	QPSK	2570-2575	5000	2572.5	-73.19	1.6	PASS
7	5	21425	1	#0	QPSK	2575-2595	5000	2580.82	-74.47	-15.5	PASS
7	5	21425	1	#0	QPSK	2595-2620	1000	2595.8	-80.32	-40	PASS
7	5	21425	1	#0	QPSK	2620-2690	1000	2655.07	-79.60	-50	PASS
7	5	21425	1	#0	QPSK	2690-3400	1000	2699.94	-82.15	-30	PASS
7	5	21425	1	#0	QPSK	3400-3800	1000	3652	-82.12	-50	PASS
7	5	21425	1	#0	QPSK	3800-4000	1000	3801	-82.89	-30	PASS
7	5	21425	1	#0	QPSK	4000-12750	1000	7696	-55.69	-30	PASS
7	5	21425	1	#Max	QPSK	0.009-0.15	1	0.075834	-96.86	-36	PASS
7	5	21425	1	#Max	QPSK	0.15-30	10	2.43	-97.25	-36	PASS

7	5	21425	1	#Max	QPSK	30-462.5	100	454.1	-99.85	-36	PASS
7	5	21425	1	#Max	QPSK	462.5-467.5	1000	464.185	-90.73	-50	PASS
7	5	21425	1	#Max	QPSK	467.5-738	100	520.5	-99.75	-36	PASS
7	5	21425	1	#Max	QPSK	738-821	1000	753.687	-88.92	-50	PASS
7	5	21425	1	#Max	QPSK	821-925	100	911.5	-99.13	-36	PASS
7	5	21425	1	#Max	QPSK	925-960	1000	947.225	-88.47	-50	PASS
7	5	21425	1	#Max	QPSK	960-1000	100	993.76	-98.18	-36	PASS
7	5	21425	1	#Max	QPSK	1000-1452	1000	1448.836	-87.42	-30	PASS
7	5	21425	1	#Max	QPSK	1452-1496	1000	1466.124	-86.81	-50	PASS
7	5	21425	1	#Max	QPSK	1496-1805	1000	1630.415	-86.35	-30	PASS
7	5	21425	1	#Max	QPSK	1805-1880	1000	1853.9	-85.83	-50	PASS
7	5	21425	1	#Max	QPSK	1880-1900	1000	1887.64	-85.96	-30	PASS
7	5	21425	1	#Max	QPSK	1900-1920	1000	1908	-85.76	-50	PASS
7	5	21425	1	#Max	QPSK	1920-2010	1000	1941.15	-80.98	-30	PASS
7	5	21425	1	#Max	QPSK	2010-2025	1000	2023.83	-85.17	-50	PASS
7	5	21425	1	#Max	QPSK	2025-2110	1000	2093.255	-84.11	-30	PASS
7	5	21425	1	#Max	QPSK	2110-2200	1000	2120.53	-84.77	-50	PASS
7	5	21425	1	#Max	QPSK	2200-2300	1000	2274.9	-84.17	-30	PASS
7	5	21425	1	#Max	QPSK	2300-2400	1000	2392.4	-83.34	-50	PASS
7	5	21425	1	#Max	QPSK	2400-2500	1000	2492.4	-73.17	-30	PASS
7	5	21425	1	#Max	QPSK	2570-2575	5000	2572.5	-49.14	1.6	PASS
7	5	21425	1	#Max	QPSK	2575-2595	5000	2577.96	-71.06	-15.5	PASS
7	5	21425	1	#Max	QPSK	2595-2620	1000	2617.7	-80.35	-40	PASS
7	5	21425	1	#Max	QPSK	2620-2690	1000	2669.63	-79.75	-50	PASS
7	5	21425	1	#Max	QPSK	2690-3400	1000	3293.5	-82.85	-30	PASS
7	5	21425	1	#Max	QPSK	3400-3800	1000	3707.2	-82.43	-50	PASS
7	5	21425	1	#Max	QPSK	3800-4000	1000	3820.4	-83.15	-30	PASS
7	5	21425	1	#Max	QPSK	4000-12750	1000	7709	-54.49	-30	PASS
7	5	21425	25	#0	QPSK	0.009-0.15	1	0.065118	-99.20	-36	PASS
7	5	21425	25	#0	QPSK	0.15-30	10	2.48	-97.58	-36	PASS
7	5	21425	25	#0	QPSK	30-462.5	100	447.5	-99.82	-36	PASS
7	5	21425	25	#0	QPSK	462.5-467.5	1000	466.125	-90.36	-50	PASS
7	5	21425	25	#0	QPSK	467.5-738	100	505.6	-99.87	-36	PASS
7	5	21425	25	#0	QPSK	738-821	1000	780.33	-88.84	-50	PASS
7	5	21425	25	#0	QPSK	821-925	100	864.6	-98.53	-36	PASS
7	5	21425	25	#0	QPSK	925-960	1000	933.855	-89.25	-50	PASS
7	5	21425	25	#0	QPSK	960-1000	100	979.92	-98.56	-36	PASS
7	5	21425	25	#0	QPSK	1000-1452	1000	1407.704	-87.10	-30	PASS
7	5	21425	25	#0	QPSK	1452-1496	1000	1485.792	-87.03	-50	PASS
7	5	21425	25	#0	QPSK	1496-1805	1000	1692.833	-86.55	-30	PASS
7	5	21425	25	#0	QPSK	1805-1880	1000	1874.225	-85.86	-50	PASS
7	5	21425	25	#0	QPSK	1880-1900	1000	1894.42	-85.42	-30	PASS



7	5	21425	25	#0	QPSK	1900-1920	1000	1915.28	-85.56	-50	PASS
7	5	21425	25	#0	QPSK	1920-2010	1000	1946.46	-85.30	-30	PASS
7	5	21425	25	#0	QPSK	2010-2025	1000	2022.12	-84.94	-50	PASS
7	5	21425	25	#0	QPSK	2025-2110	1000	2053.22	-85.19	-30	PASS
7	5	21425	25	#0	QPSK	2110-2200	1000	2136.37	-84.56	-50	PASS
7	5	21425	25	#0	QPSK	2200-2300	1000	2275.6	-84.49	-30	PASS
7	5	21425	25	#0	QPSK	2300-2400	1000	2345.8	-83.80	-50	PASS
7	5	21425	25	#0	QPSK	2400-2500	1000	2462.2	-74.06	-30	PASS
7	5	21425	25	#0	QPSK	2570-2575	5000	2572.5	-58.10	1.6	PASS
7	5	21425	25	#0	QPSK	2575-2595	5000	2579.48	-74.19	-15.5	PASS
7	5	21425	25	#0	QPSK	2595-2620	1000	2600.35	-80.44	-40	PASS
7	5	21425	25	#0	QPSK	2620-2690	1000	2657.38	-79.90	-50	PASS
7	5	21425	25	#0	QPSK	2690-3400	1000	2733.31	-82.85	-30	PASS
7	5	21425	25	#0	QPSK	3400-3800	1000	3644	-82.14	-50	PASS
7	5	21425	25	#0	QPSK	3800-4000	1000	3810.4	-82.98	-30	PASS
7	5	21425	25	#0	QPSK	4000-12750	1000	7705	-63.10	-30	PASS
7	20	20850	1	#0	QPSK	0.009-0.15	1	0.025497	-101.10	-36	PASS
7	20	20850	1	#0	QPSK	0.15-30	10	2.47	-99.03	-36	PASS
7	20	20850	1	#0	QPSK	30-462.5	100	455.1	-100.05	-36	PASS
7	20	20850	1	#0	QPSK	462.5-467.5	1000	465.725	-90.29	-50	PASS
7	20	20850	1	#0	QPSK	467.5-738	100	704.8	-99.50	-36	PASS
7	20	20850	1	#0	QPSK	738-821	1000	798.59	-89.14	-50	PASS
7	20	20850	1	#0	QPSK	821-925	100	910.6	-98.48	-36	PASS
7	20	20850	1	#0	QPSK	925-960	1000	955.8	-89.08	-50	PASS
7	20	20850	1	#0	QPSK	960-1000	100	979.88	-97.73	-36	PASS
7	20	20850	1	#0	QPSK	1000-1452	1000	1350.752	-87.55	-30	PASS
7	20	20850	1	#0	QPSK	1452-1496	1000	1471.536	-87.21	-50	PASS
7	20	20850	1	#0	QPSK	1496-1805	1000	1598.588	-86.73	-30	PASS
7	20	20850	1	#0	QPSK	1805-1880	1000	1855.025	-85.96	-50	PASS
7	20	20850	1	#0	QPSK	1880-1900	1000	1891.22	-85.51	-30	PASS
7	20	20850	1	#0	QPSK	1900-1920	1000	1911.34	-85.93	-50	PASS
7	20	20850	1	#0	QPSK	1920-2010	1000	1985.16	-84.96	-30	PASS
7	20	20850	1	#0	QPSK	2010-2025	1000	2017.11	-84.38	-50	PASS
7	20	20850	1	#0	QPSK	2025-2110	1000	2088.07	-85.18	-30	PASS
7	20	20850	1	#0	QPSK	2110-2200	1000	2137.72	-84.66	-50	PASS
7	20	20850	1	#0	QPSK	2200-2300	1000	2283.3	-84.10	-30	PASS
7	20	20850	1	#0	QPSK	2300-2400	1000	2384.5	-83.32	-50	PASS
7	20	20850	1	#0	QPSK	2400-2475	1000	2440.725	-62.07	-30	PASS
7	20	20850	1	#0	QPSK	2570-2575	5000	2572.5	-76.82	1.6	PASS
7	20	20850	1	#0	QPSK	2575-2595	5000	2584.46	-74.60	-15.5	PASS
7	20	20850	1	#0	QPSK	2595-2620	1000	2610.75	-80.04	-40	PASS
7	20	20850	1	#0	QPSK	2620-2690	1000	2648.91	-79.28	-50	PASS



7	20	20850	1	#0	QPSK	2690-3400	1000	3169.96	-82.80	-30	PASS
7	20	20850	1	#0	QPSK	3400-3800	1000	3624.8	-82.01	-50	PASS
7	20	20850	1	#0	QPSK	3800-4000	1000	3825.2	-83.14	-30	PASS
7	20	20850	1	#0	QPSK	4000-12750	1000	7503	-60.40	-30	PASS
7	20	20850	1	#Max	QPSK	0.009-0.15	1	0.065118	-100.41	-36	PASS
7	20	20850	1	#Max	QPSK	0.15-30	10	2.43	-97.74	-36	PASS
7	20	20850	1	#Max	QPSK	30-462.5	100	441.3	-99.82	-36	PASS
7	20	20850	1	#Max	QPSK	462.5-467.5	1000	463.185	-90.62	-50	PASS
7	20	20850	1	#Max	QPSK	467.5-738	100	733.9	-99.93	-36	PASS
7	20	20850	1	#Max	QPSK	738-821	1000	782.073	-89.30	-50	PASS
7	20	20850	1	#Max	QPSK	821-925	100	872.4	-98.93	-36	PASS
7	20	20850	1	#Max	QPSK	925-960	1000	952.86	-88.98	-50	PASS
7	20	20850	1	#Max	QPSK	960-1000	100	971.04	-98.24	-36	PASS
7	20	20850	1	#Max	QPSK	1000-1452	1000	1364.764	-87.20	-30	PASS
7	20	20850	1	#Max	QPSK	1452-1496	1000	1476.068	-86.43	-50	PASS
7	20	20850	1	#Max	QPSK	1496-1805	1000	1700.249	-87.15	-30	PASS
7	20	20850	1	#Max	QPSK	1805-1880	1000	1872.575	-86.13	-50	PASS
7	20	20850	1	#Max	QPSK	1880-1900	1000	1899.18	-85.99	-30	PASS
7	20	20850	1	#Max	QPSK	1900-1920	1000	1909.68	-85.86	-50	PASS
7	20	20850	1	#Max	QPSK	1920-2010	1000	1981.38	-85.01	-30	PASS
7	20	20850	1	#Max	QPSK	2010-2025	1000	2022.165	-85.22	-50	PASS
7	20	20850	1	#Max	QPSK	2025-2110	1000	2104.56	-85.10	-30	PASS
7	20	20850	1	#Max	QPSK	2110-2200	1000	2163.73	-84.40	-50	PASS
7	20	20850	1	#Max	QPSK	2200-2300	1000	2267	-83.79	-30	PASS
7	20	20850	1	#Max	QPSK	2300-2400	1000	2374.6	-83.31	-50	PASS
7	20	20850	1	#Max	QPSK	2400-2475	1000	2462.25	-63.83	-30	PASS
7	20	20850	1	#Max	QPSK	2570-2575	5000	2572.5	-75.83	1.6	PASS
7	20	20850	1	#Max	QPSK	2575-2595	5000	2582.8	-74.32	-15.5	PASS
7	20	20850	1	#Max	QPSK	2595-2620	1000	2605.775	-80.23	-40	PASS
7	20	20850	1	#Max	QPSK	2620-2690	1000	2649.05	-80.13	-50	PASS
7	20	20850	1	#Max	QPSK	2690-3400	1000	2709.17	-82.92	-30	PASS
7	20	20850	1	#Max	QPSK	3400-3800	1000	3698.4	-81.53	-50	PASS
7	20	20850	1	#Max	QPSK	3800-4000	1000	3832.4	-83.15	-30	PASS
7	20	20850	1	#Max	QPSK	4000-12750	1000	7556	-59.66	-30	PASS
7	20	20850	100	#0	QPSK	0.009-0.15	1	0.0654	-96.69	-36	PASS
7	20	20850	100	#0	QPSK	0.15-30	10	2.48	-99.29	-36	PASS
7	20	20850	100	#0	QPSK	30-462.5	100	433	-99.35	-36	PASS
7	20	20850	100	#0	QPSK	462.5-467.5	1000	465.7	-90.78	-50	PASS
7	20	20850	100	#0	QPSK	467.5-738	100	697.2	-99.30	-36	PASS
7	20	20850	100	#0	QPSK	738-821	1000	783.816	-89.13	-50	PASS
7	20	20850	100	#0	QPSK	821-925	100	881.8	-98.72	-36	PASS
7	20	20850	100	#0	QPSK	925-960	1000	950.13	-88.46	-50	PASS

7	20	20850	100	#0	QPSK	960-1000	100	973.2	-98.01	-36	PASS
7	20	20850	100	#0	QPSK	1000-1452	1000	1329.056	-87.16	-30	PASS
7	20	20850	100	#0	QPSK	1452-1496	1000	1464.936	-87.33	-50	PASS
7	20	20850	100	#0	QPSK	1496-1805	1000	1600.751	-85.95	-30	PASS
7	20	20850	100	#0	QPSK	1805-1880	1000	1873.25	-86.11	-50	PASS
7	20	20850	100	#0	QPSK	1880-1900	1000	1890.3	-85.87	-30	PASS
7	20	20850	100	#0	QPSK	1900-1920	1000	1912.22	-85.60	-50	PASS
7	20	20850	100	#0	QPSK	1920-2010	1000	1952.13	-85.54	-30	PASS
7	20	20850	100	#0	QPSK	2010-2025	1000	2022.465	-84.66	-50	PASS
7	20	20850	100	#0	QPSK	2025-2110	1000	2042	-84.67	-30	PASS
7	20	20850	100	#0	QPSK	2110-2200	1000	2114.68	-84.83	-50	PASS
7	20	20850	100	#0	QPSK	2200-2300	1000	2273.8	-84.32	-30	PASS
7	20	20850	100	#0	QPSK	2300-2400	1000	2347.5	-82.59	-50	PASS
7	20	20850	100	#0	QPSK	2400-2475	1000	2473.8	-66.22	-30	PASS
7	20	20850	100	#0	QPSK	2570-2575	5000	2572.5	-76.13	1.6	PASS
7	20	20850	100	#0	QPSK	2575-2595	5000	2578.2	-74.37	-15.5	PASS
7	20	20850	100	#0	QPSK	2595-2620	1000	2606.4	-80.16	-40	PASS
7	20	20850	100	#0	QPSK	2620-2690	1000	2670.82	-79.90	-50	PASS
7	20	20850	100	#0	QPSK	2690-3400	1000	3163.57	-82.54	-30	PASS
7	20	20850	100	#0	QPSK	3400-3800	1000	3694	-82.25	-50	PASS
7	20	20850	100	#0	QPSK	3800-4000	1000	3805.8	-83.34	-30	PASS
7	20	20850	100	#0	QPSK	4000-12750	1000	7528	-73.02	-30	PASS
7	20	21100	1	#0	QPSK	0.009-0.15	1	0.063003	-100.29	-36	PASS
7	20	21100	1	#0	QPSK	0.15-30	10	2.48	-94.31	-36	PASS
7	20	21100	1	#0	QPSK	30-462.5	100	457.1	-99.72	-36	PASS
7	20	21100	1	#0	QPSK	462.5-467.5	1000	465.585	-90.94	-50	PASS
7	20	21100	1	#0	QPSK	467.5-738	100	733.7	-98.62	-36	PASS
7	20	21100	1	#0	QPSK	738-821	1000	783.567	-89.42	-50	PASS
7	20	21100	1	#0	QPSK	821-925	100	915.8	-99.09	-36	PASS
7	20	21100	1	#0	QPSK	925-960	1000	955.87	-89.05	-50	PASS
7	20	21100	1	#0	QPSK	960-1000	100	969.16	-98.82	-36	PASS
7	20	21100	1	#0	QPSK	1000-1452	1000	1268.488	-87.60	-30	PASS
7	20	21100	1	#0	QPSK	1452-1496	1000	1492.876	-87.00	-50	PASS
7	20	21100	1	#0	QPSK	1496-1805	1000	1777.499	-86.35	-30	PASS
7	20	21100	1	#0	QPSK	1805-1880	1000	1849.4	-85.85	-50	PASS
7	20	21100	1	#0	QPSK	1880-1900	1000	1896.52	-86.16	-30	PASS
7	20	21100	1	#0	QPSK	1900-1920	1000	1901.02	-85.07	-50	PASS
7	20	21100	1	#0	QPSK	1920-2010	1000	1939.89	-85.02	-30	PASS
7	20	21100	1	#0	QPSK	2010-2025	1000	2023.365	-85.35	-50	PASS
7	20	21100	1	#0	QPSK	2025-2110	1000	2050.925	-84.59	-30	PASS
7	20	21100	1	#0	QPSK	2110-2200	1000	2194.24	-84.40	-50	PASS
7	20	21100	1	#0	QPSK	2200-2300	1000	2287	-84.66	-30	PASS

7	20	21100	1	#0	QPSK	2300-2400	1000	2348.2	-83.50	-50	PASS
7	20	21100	1	#0	QPSK	2400-2500	1000	2490	-45.41	-30	PASS
7	20	21100	1	#0	QPSK	2570-2575	5000	2572.5	-76.00	1.6	PASS
7	20	21100	1	#0	QPSK	2575-2595	5000	2589.8	-74.41	-15.5	PASS
7	20	21100	1	#0	QPSK	2595-2620	1000	2609.875	-80.29	-40	PASS
7	20	21100	1	#0	QPSK	2620-2690	1000	2623.64	-79.48	-50	PASS
7	20	21100	1	#0	QPSK	2690-3400	1000	3152.92	-82.55	-30	PASS
7	20	21100	1	#0	QPSK	3400-3800	1000	3730.8	-81.96	-50	PASS
7	20	21100	1	#0	QPSK	3800-4000	1000	3875.8	-82.98	-30	PASS
7	20	21100	1	#0	QPSK	4000-12750	1000	7578	-60.48	-30	PASS
7	20	21100	1	#Max	QPSK	0.009-0.15	1	0.064977	-99.09	-36	PASS
7	20	21100	1	#Max	QPSK	0.15-30	10	2.48	-99.05	-36	PASS
7	20	21100	1	#Max	QPSK	30-462.5	100	408.4	-99.48	-36	PASS
7	20	21100	1	#Max	QPSK	462.5-467.5	1000	463.645	-90.57	-50	PASS
7	20	21100	1	#Max	QPSK	467.5-738	100	662.2	-99.47	-36	PASS
7	20	21100	1	#Max	QPSK	738-821	1000	752.525	-89.54	-50	PASS
7	20	21100	1	#Max	QPSK	821-925	100	901	-98.85	-36	PASS
7	20	21100	1	#Max	QPSK	925-960	1000	942.675	-88.95	-50	PASS
7	20	21100	1	#Max	QPSK	960-1000	100	991.72	-98.26	-36	PASS
7	20	21100	1	#Max	QPSK	1000-1452	1000	1244.08	-87.04	-30	PASS
7	20	21100	1	#Max	QPSK	1452-1496	1000	1473.648	-86.38	-50	PASS
7	20	21100	1	#Max	QPSK	1496-1805	1000	1597.352	-86.63	-30	PASS
7	20	21100	1	#Max	QPSK	1805-1880	1000	1854.725	-86.38	-50	PASS
7	20	21100	1	#Max	QPSK	1880-1900	1000	1895.04	-85.74	-30	PASS
7	20	21100	1	#Max	QPSK	1900-1920	1000	1912.08	-85.70	-50	PASS
7	20	21100	1	#Max	QPSK	1920-2010	1000	1941.06	-85.10	-30	PASS
7	20	21100	1	#Max	QPSK	2010-2025	1000	2014.335	-85.20	-50	PASS
7	20	21100	1	#Max	QPSK	2025-2110	1000	2088.58	-84.47	-30	PASS
7	20	21100	1	#Max	QPSK	2110-2200	1000	2173.27	-84.28	-50	PASS
7	20	21100	1	#Max	QPSK	2200-2300	1000	2264.3	-84.15	-30	PASS
7	20	21100	1	#Max	QPSK	2300-2400	1000	2398	-83.77	-50	PASS
7	20	21100	1	#Max	QPSK	2400-2500	1000	2474.4	-61.93	-30	PASS
7	20	21100	1	#Max	QPSK	2570-2575	5000	2572.5	-76.31	1.6	PASS
7	20	21100	1	#Max	QPSK	2575-2595	5000	2578.9	-74.06	-15.5	PASS
7	20	21100	1	#Max	QPSK	2595-2620	1000	2604.675	-79.83	-40	PASS
7	20	21100	1	#Max	QPSK	2620-2690	1000	2663.61	-80.03	-50	PASS
7	20	21100	1	#Max	QPSK	2690-3400	1000	2690.71	-82.84	-30	PASS
7	20	21100	1	#Max	QPSK	3400-3800	1000	3618.8	-82.02	-50	PASS
7	20	21100	1	#Max	QPSK	3800-4000	1000	3800.6	-83.06	-30	PASS
7	20	21100	1	#Max	QPSK	4000-12750	1000	7631	-62.06	-30	PASS
7	20	21100	100	#0	QPSK	0.009-0.15	1	0.062862	-99.98	-36	PASS
7	20	21100	100	#0	QPSK	0.15-30	10	2.43	-94.55	-36	PASS

7	20	21100	100	#0	QPSK	30-462.5	100	454.6	-99.93	-36	PASS
7	20	21100	100	#0	QPSK	462.5-467.5	1000	464.605	-90.96	-50	PASS
7	20	21100	100	#0	QPSK	467.5-738	100	714.7	-99.79	-36	PASS
7	20	21100	100	#0	QPSK	738-821	1000	776.263	-89.34	-50	PASS
7	20	21100	100	#0	QPSK	821-925	100	892.2	-98.39	-36	PASS
7	20	21100	100	#0	QPSK	925-960	1000	951.32	-89.16	-50	PASS
7	20	21100	100	#0	QPSK	960-1000	100	994.88	-98.01	-36	PASS
7	20	21100	100	#0	QPSK	1000-1452	1000	1363.86	-87.13	-30	PASS
7	20	21100	100	#0	QPSK	1452-1496	1000	1465.904	-86.90	-50	PASS
7	20	21100	100	#0	QPSK	1496-1805	1000	1778.426	-85.85	-30	PASS
7	20	21100	100	#0	QPSK	1805-1880	1000	1829.6	-86.02	-50	PASS
7	20	21100	100	#0	QPSK	1880-1900	1000	1881.4	-85.98	-30	PASS
7	20	21100	100	#0	QPSK	1900-1920	1000	1912.28	-84.98	-50	PASS
7	20	21100	100	#0	QPSK	1920-2010	1000	1964.1	-85.59	-30	PASS
7	20	21100	100	#0	QPSK	2010-2025	1000	2014.86	-85.04	-50	PASS
7	20	21100	100	#0	QPSK	2025-2110	1000	2060.105	-84.03	-30	PASS
7	20	21100	100	#0	QPSK	2110-2200	1000	2170.48	-84.63	-50	PASS
7	20	21100	100	#0	QPSK	2200-2300	1000	2292.5	-84.26	-30	PASS
7	20	21100	100	#0	QPSK	2300-2400	1000	2373.5	-83.10	-50	PASS
7	20	21100	100	#0	QPSK	2400-2500	1000	2494.6	-44.32	-30	PASS
7	20	21100	100	#0	QPSK	2570-2575	5000	2572.5	-76.43	1.6	PASS
7	20	21100	100	#0	QPSK	2575-2595	5000	2591.08	-74.41	-15.5	PASS
7	20	21100	100	#0	QPSK	2595-2620	1000	2596.425	-80.51	-40	PASS
7	20	21100	100	#0	QPSK	2620-2690	1000	2659.41	-79.52	-50	PASS
7	20	21100	100	#0	QPSK	2690-3400	1000	2699.23	-82.64	-30	PASS
7	20	21100	100	#0	QPSK	3400-3800	1000	3693.6	-81.58	-50	PASS
7	20	21100	100	#0	QPSK	3800-4000	1000	3814	-82.94	-30	PASS
7	20	21100	100	#0	QPSK	4000-12750	1000	7602	-72.89	-30	PASS
7	20	21350	1	#0	QPSK	0.009-0.15	1	0.062862	-99.95	-36	PASS
7	20	21350	1	#0	QPSK	0.15-30	10	2.43	-97.05	-36	PASS
7	20	21350	1	#0	QPSK	30-462.5	100	365.6	-100.05	-36	PASS
7	20	21350	1	#0	QPSK	462.5-467.5	1000	466.565	-90.61	-50	PASS
7	20	21350	1	#0	QPSK	467.5-738	100	719.2	-99.28	-36	PASS
7	20	21350	1	#0	QPSK	738-821	1000	756.509	-89.43	-50	PASS
7	20	21350	1	#0	QPSK	821-925	100	869.9	-98.87	-36	PASS
7	20	21350	1	#0	QPSK	925-960	1000	936.55	-88.83	-50	PASS
7	20	21350	1	#0	QPSK	960-1000	100	969.64	-98.04	-36	PASS
7	20	21350	1	#0	QPSK	1000-1452	1000	1414.484	-86.39	-30	PASS
7	20	21350	1	#0	QPSK	1452-1496	1000	1458.6	-86.70	-50	PASS
7	20	21350	1	#0	QPSK	1496-1805	1000	1798.202	-86.35	-30	PASS
7	20	21350	1	#0	QPSK	1805-1880	1000	1811.45	-85.99	-50	PASS
7	20	21350	1	#0	QPSK	1880-1900	1000	1882.02	-85.74	-30	PASS

7	20	21350	1	#0	QPSK	1900-1920	1000	1918.08	-85.43	-50	PASS
7	20	21350	1	#0	QPSK	1920-2010	1000	1994.16	-85.54	-30	PASS
7	20	21350	1	#0	QPSK	2010-2025	1000	2016.405	-85.39	-50	PASS
7	20	21350	1	#0	QPSK	2025-2110	1000	2078.805	-84.84	-30	PASS
7	20	21350	1	#0	QPSK	2110-2200	1000	2157.61	-84.42	-50	PASS
7	20	21350	1	#0	QPSK	2200-2300	1000	2208.3	-84.47	-30	PASS
7	20	21350	1	#0	QPSK	2300-2400	1000	2388	-83.93	-50	PASS
7	20	21350	1	#0	QPSK	2400-2500	1000	2498	-69.88	-30	PASS
7	20	21350	1	#0	QPSK	2570-2575	5000	2572.5	-76.01	1.6	PASS
7	20	21350	1	#0	QPSK	2575-2595	5000	2586.8	-70.09	-15.5	PASS
7	20	21350	1	#0	QPSK	2595-2620	1000	2599.075	-79.74	-40	PASS
7	20	21350	1	#0	QPSK	2620-2690	1000	2623.22	-79.90	-50	PASS
7	20	21350	1	#0	QPSK	2690-3400	1000	2702.78	-82.29	-30	PASS
7	20	21350	1	#0	QPSK	3400-3800	1000	3761.6	-81.88	-50	PASS
7	20	21350	1	#0	QPSK	3800-4000	1000	3961.2	-83.21	-30	PASS
7	20	21350	1	#0	QPSK	4000-12750	1000	7653	-59.98	-30	PASS
7	20	21350	1	#Max	QPSK	0.009-0.15	1	0.0654	-99.34	-36	PASS
7	20	21350	1	#Max	QPSK	0.15-30	10	0.16	-98.62	-36	PASS
7	20	21350	1	#Max	QPSK	30-462.5	100	438.8	-99.79	-36	PASS
7	20	21350	1	#Max	QPSK	462.5-467.5	1000	465.19	-89.88	-50	PASS
7	20	21350	1	#Max	QPSK	467.5-738	100	721.8	-99.89	-36	PASS
7	20	21350	1	#Max	QPSK	738-821	1000	774.354	-89.36	-50	PASS
7	20	21350	1	#Max	QPSK	821-925	100	860.1	-98.96	-36	PASS
7	20	21350	1	#Max	QPSK	925-960	1000	945.86	-88.60	-50	PASS
7	20	21350	1	#Max	QPSK	960-1000	100	995.08	-97.64	-36	PASS
7	20	21350	1	#Max	QPSK	1000-1452	1000	1296.06	-87.21	-30	PASS
7	20	21350	1	#Max	QPSK	1452-1496	1000	1494.328	-86.79	-50	PASS
7	20	21350	1	#Max	QPSK	1496-1805	1000	1791.404	-86.29	-30	PASS
7	20	21350	1	#Max	QPSK	1805-1880	1000	1836.35	-85.57	-50	PASS
7	20	21350	1	#Max	QPSK	1880-1900	1000	1896.26	-85.61	-30	PASS
7	20	21350	1	#Max	QPSK	1900-1920	1000	1905.44	-85.56	-50	PASS
7	20	21350	1	#Max	QPSK	1920-2010	1000	1953.66	-85.86	-30	PASS
7	20	21350	1	#Max	QPSK	2010-2025	1000	2022.87	-85.13	-50	PASS
7	20	21350	1	#Max	QPSK	2025-2110	1000	2054.41	-84.51	-30	PASS
7	20	21350	1	#Max	QPSK	2110-2200	1000	2179.21	-84.70	-50	PASS
7	20	21350	1	#Max	QPSK	2200-2300	1000	2272.6	-84.01	-30	PASS
7	20	21350	1	#Max	QPSK	2300-2400	1000	2380.9	-83.29	-50	PASS
7	20	21350	1	#Max	QPSK	2400-2500	1000	2496.9	-69.11	-30	PASS
7	20	21350	1	#Max	QPSK	2570-2575	5000	2572.5	-51.64	1.6	PASS
7	20	21350	1	#Max	QPSK	2575-2595	5000	2583.28	-74.39	-15.5	PASS
7	20	21350	1	#Max	QPSK	2595-2620	1000	2600.05	-80.33	-40	PASS
7	20	21350	1	#Max	QPSK	2620-2690	1000	2668.37	-80.09	-50	PASS

7	20	21350	1	#Max	QPSK	2690-3400	1000	2714.14	-82.64	-30	PASS
7	20	21350	1	#Max	QPSK	3400-3800	1000	3720	-81.82	-50	PASS
7	20	21350	1	#Max	QPSK	3800-4000	1000	3829.6	-83.20	-30	PASS
7	20	21350	1	#Max	QPSK	4000-12750	1000	7706	-56.06	-30	PASS
7	20	21350	100	#0	QPSK	0.009-0.15	1	0.098253	-99.88	-36	PASS
7	20	21350	100	#0	QPSK	0.15-30	10	2.43	-97.38	-36	PASS
7	20	21350	100	#0	QPSK	30-462.5	100	426.1	-99.70	-36	PASS
7	20	21350	100	#0	QPSK	462.5-467.5	1000	464.84	-90.23	-50	PASS
7	20	21350	100	#0	QPSK	467.5-738	100	687.9	-99.77	-36	PASS
7	20	21350	100	#0	QPSK	738-821	1000	785.31	-88.86	-50	PASS
7	20	21350	100	#0	QPSK	821-925	100	865.8	-98.18	-36	PASS
7	20	21350	100	#0	QPSK	925-960	1000	941.275	-88.78	-50	PASS
7	20	21350	100	#0	QPSK	960-1000	100	994.56	-97.81	-36	PASS
7	20	21350	100	#0	QPSK	1000-1452	1000	1448.836	-85.84	-30	PASS
7	20	21350	100	#0	QPSK	1452-1496	1000	1485.836	-87.17	-50	PASS
7	20	21350	100	#0	QPSK	1496-1805	1000	1801.91	-86.26	-30	PASS
7	20	21350	100	#0	QPSK	1805-1880	1000	1847.825	-86.11	-50	PASS
7	20	21350	100	#0	QPSK	1880-1900	1000	1897.4	-85.13	-30	PASS
7	20	21350	100	#0	QPSK	1900-1920	1000	1914.84	-85.79	-50	PASS
7	20	21350	100	#0	QPSK	1920-2010	1000	1988.67	-84.37	-30	PASS
7	20	21350	100	#0	QPSK	2010-2025	1000	2012.055	-85.03	-50	PASS
7	20	21350	100	#0	QPSK	2025-2110	1000	2105.24	-84.92	-30	PASS
7	20	21350	100	#0	QPSK	2110-2200	1000	2177.32	-84.17	-50	PASS
7	20	21350	100	#0	QPSK	2200-2300	1000	2217.3	-84.36	-30	PASS
7	20	21350	100	#0	QPSK	2300-2400	1000	2395.9	-83.52	-50	PASS
7	20	21350	100	#0	QPSK	2400-2500	1000	2495.6	-49.92	-30	PASS
7	20	21350	100	#0	QPSK	2570-2575	5000	2572.5	-66.98	1.6	PASS
7	20	21350	100	#0	QPSK	2575-2595	5000	2582.64	-67.13	-15.5	PASS
7	20	21350	100	#0	QPSK	2595-2620	1000	2616.125	-80.37	-40	PASS
7	20	21350	100	#0	QPSK	2620-2690	1000	2651.78	-79.73	-50	PASS
7	20	21350	100	#0	QPSK	2690-3400	1000	3174.22	-82.17	-30	PASS
7	20	21350	100	#0	QPSK	3400-3800	1000	3676.4	-81.83	-50	PASS
7	20	21350	100	#0	QPSK	3800-4000	1000	3816.6	-82.29	-30	PASS
7	20	21350	100	#0	QPSK	4000-12750	1000	7693	-70.89	-30	PASS
8	1.4	21457	1	#0	QPSK	0.009-0.15	1	0.063003	-98.66	-36	PASS
8	1.4	21457	1	#0	QPSK	0.15-30	10	2.43	-96.71	-36	PASS
8	1.4	21457	1	#0	QPSK	30-462.5	100	460.6	-99.65	-36	PASS
8	1.4	21457	1	#0	QPSK	462.5-467.5	1000	466.235	-90.82	-50	PASS
8	1.4	21457	1	#0	QPSK	467.5-738	100	533.8	-81.19	-36	PASS
8	1.4	21457	1	#0	QPSK	738-821	1000	754.683	-89.04	-50	PASS
8	1.4	21457	1	#0	QPSK	821-877.2	100	873.9966	-82.22	-36	PASS
8	1.4	21457	1	#0	QPSK	915-925	100	922.93	-97.74	-36	PASS

8	1.4	21457	1	#0	QPSK	925-960	1000	950.83	-88.22	-50	PASS
8	1.4	21457	1	#0	QPSK	960-1000	100	982.08	-97.99	-36	PASS
8	1.4	21457	1	#0	QPSK	1000-1452	1000	1444.316	-87.51	-30	PASS
8	1.4	21457	1	#0	QPSK	1452-1496	1000	1484.032	-87.11	-50	PASS
8	1.4	21457	1	#0	QPSK	1496-1805	1000	1760.813	-72.61	-30	PASS
8	1.4	21457	1	#0	QPSK	1805-1880	1000	1849.625	-85.88	-50	PASS
8	1.4	21457	1	#0	QPSK	1880-1900	1000	1881.96	-85.80	-30	PASS
8	1.4	21457	1	#0	QPSK	1900-1920	1000	1906.32	-85.36	-50	PASS
8	1.4	21457	1	#0	QPSK	1920-2010	1000	1999.29	-84.99	-30	PASS
8	1.4	21457	1	#0	QPSK	2010-2025	1000	2022.12	-84.38	-50	PASS
8	1.4	21457	1	#0	QPSK	2025-2110	1000	2082.97	-84.44	-30	PASS
8	1.4	21457	1	#0	QPSK	2110-2200	1000	2168.68	-84.63	-50	PASS
8	1.4	21457	1	#0	QPSK	2200-2300	1000	2298.8	-84.22	-30	PASS
8	1.4	21457	1	#0	QPSK	2300-2400	1000	2384.4	-83.63	-50	PASS
8	1.4	21457	1	#0	QPSK	2400-2570	1000	2560.31	-82.24	-30	PASS
8	1.4	21457	1	#0	QPSK	2570-2690	1000	2640.68	-75.50	-50	PASS
8	1.4	21457	1	#0	QPSK	2690-3400	1000	3187.71	-82.62	-30	PASS
8	1.4	21457	1	#0	QPSK	3400-3800	1000	3521.2	-77.71	-50	PASS
8	1.4	21457	1	#0	QPSK	3800-12750	1000	12387	-76.40	-30	PASS
8	1.4	21457	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.19	-36	PASS
8	1.4	21457	1	#Max	QPSK	0.15-30	10	2.48	-99.22	-36	PASS
8	1.4	21457	1	#Max	QPSK	30-462.5	100	418.9	-99.76	-36	PASS
8	1.4	21457	1	#Max	QPSK	462.5-467.5	1000	465.03	-89.68	-50	PASS
8	1.4	21457	1	#Max	QPSK	467.5-738	100	532.6	-81.37	-36	PASS
8	1.4	21457	1	#Max	QPSK	738-821	1000	795.768	-89.52	-50	PASS
8	1.4	21457	1	#Max	QPSK	821-877.2	100	873.6594	-79.11	-36	PASS
8	1.4	21457	1	#Max	QPSK	915-925	100	918.43	-97.87	-36	PASS
8	1.4	21457	1	#Max	QPSK	925-960	1000	931.44	-88.29	-50	PASS
8	1.4	21457	1	#Max	QPSK	960-1000	100	970.28	-98.13	-36	PASS
8	1.4	21457	1	#Max	QPSK	1000-1452	1000	1297.868	-87.49	-30	PASS
8	1.4	21457	1	#Max	QPSK	1452-1496	1000	1491.424	-86.42	-50	PASS
8	1.4	21457	1	#Max	QPSK	1496-1805	1000	1762.358	-72.06	-30	PASS
8	1.4	21457	1	#Max	QPSK	1805-1880	1000	1814.975	-86.36	-50	PASS
8	1.4	21457	1	#Max	QPSK	1880-1900	1000	1898.26	-86.01	-30	PASS
8	1.4	21457	1	#Max	QPSK	1900-1920	1000	1906.84	-86.21	-50	PASS
8	1.4	21457	1	#Max	QPSK	1920-2010	1000	1996.05	-85.66	-30	PASS
8	1.4	21457	1	#Max	QPSK	2010-2025	1000	2020.38	-84.49	-50	PASS
8	1.4	21457	1	#Max	QPSK	2025-2110	1000	2054.07	-84.39	-30	PASS
8	1.4	21457	1	#Max	QPSK	2110-2200	1000	2197.03	-83.44	-50	PASS
8	1.4	21457	1	#Max	QPSK	2200-2300	1000	2215.5	-84.13	-30	PASS
8	1.4	21457	1	#Max	QPSK	2300-2400	1000	2348.1	-83.76	-50	PASS
8	1.4	21457	1	#Max	QPSK	2400-2570	1000	2556.4	-82.64	-30	PASS



8	1.4	21457	1	#Max	QPSK	2570-2690	1000	2643.44	-73.90	-50	PASS
8	1.4	21457	1	#Max	QPSK	2690-3400	1000	2792.95	-82.62	-30	PASS
8	1.4	21457	1	#Max	QPSK	3400-3800	1000	3524.4	-77.97	-50	PASS
8	1.4	21457	1	#Max	QPSK	3800-12750	1000	12621	-76.07	-30	PASS
8	1.4	21457	6	#0	QPSK	0.009-0.15	1	0.063003	-99.62	-36	PASS
8	1.4	21457	6	#0	QPSK	0.15-30	10	2.48	-96.50	-36	PASS
8	1.4	21457	6	#0	QPSK	30-462.5	100	441.3	-99.68	-36	PASS
8	1.4	21457	6	#0	QPSK	462.5-467.5	1000	463.29	-90.02	-50	PASS
8	1.4	21457	6	#0	QPSK	467.5-738	100	717.4	-85.53	-36	PASS
8	1.4	21457	6	#0	QPSK	738-821	1000	762.236	-89.40	-50	PASS
8	1.4	21457	6	#0	QPSK	821-877.2	100	873.6032	-79.86	-36	PASS
8	1.4	21457	6	#0	QPSK	915-925	100	917.73	-97.58	-36	PASS
8	1.4	21457	6	#0	QPSK	925-960	1000	937.215	-88.20	-50	PASS
8	1.4	21457	6	#0	QPSK	960-1000	100	985.68	-97.79	-36	PASS
8	1.4	21457	6	#0	QPSK	1000-1452	1000	1437.536	-87.03	-30	PASS
8	1.4	21457	6	#0	QPSK	1452-1496	1000	1489.972	-86.68	-50	PASS
8	1.4	21457	6	#0	QPSK	1496-1805	1000	1761.431	-73.29	-30	PASS
8	1.4	21457	6	#0	QPSK	1805-1880	1000	1869.35	-86.24	-50	PASS
8	1.4	21457	6	#0	QPSK	1880-1900	1000	1888.36	-85.28	-30	PASS
8	1.4	21457	6	#0	QPSK	1900-1920	1000	1911.56	-86.06	-50	PASS
8	1.4	21457	6	#0	QPSK	1920-2010	1000	1931.79	-85.69	-30	PASS
8	1.4	21457	6	#0	QPSK	2010-2025	1000	2024.37	-84.63	-50	PASS
8	1.4	21457	6	#0	QPSK	2025-2110	1000	2056.875	-84.74	-30	PASS
8	1.4	21457	6	#0	QPSK	2110-2200	1000	2174.17	-84.48	-50	PASS
8	1.4	21457	6	#0	QPSK	2200-2300	1000	2294.2	-84.06	-30	PASS
8	1.4	21457	6	#0	QPSK	2300-2400	1000	2383.2	-83.61	-50	PASS
8	1.4	21457	6	#0	QPSK	2400-2570	1000	2564.39	-82.64	-30	PASS
8	1.4	21457	6	#0	QPSK	2570-2690	1000	2642.12	-78.03	-50	PASS
8	1.4	21457	6	#0	QPSK	2690-3400	1000	3071.98	-82.17	-30	PASS
8	1.4	21457	6	#0	QPSK	3400-3800	1000	3522.8	-79.71	-50	PASS
8	1.4	21457	6	#0	QPSK	3800-12750	1000	12571	-76.29	-30	PASS
8	1.4	21625	1	#0	QPSK	0.009-0.15	1	0.065259	-99.77	-36	PASS
8	1.4	21625	1	#0	QPSK	0.15-30	10	2.43	-97.02	-36	PASS
8	1.4	21625	1	#0	QPSK	30-462.5	100	449.6	-100.18	-36	PASS
8	1.4	21625	1	#0	QPSK	462.5-467.5	1000	465.345	-90.00	-50	PASS
8	1.4	21625	1	#0	QPSK	467.5-738	100	511.4	-80.80	-36	PASS
8	1.4	21625	1	#0	QPSK	738-821	1000	815.024	-88.86	-50	PASS
8	1.4	21625	1	#0	QPSK	821-880	100	874.336	-86.80	-36	PASS
8	1.4	21625	1	#0	QPSK	915-925	100	921.51	-97.43	-36	PASS
8	1.4	21625	1	#0	QPSK	925-960	1000	942.57	-85.94	-50	PASS
8	1.4	21625	1	#0	QPSK	960-1000	100	966.96	-98.37	-36	PASS
8	1.4	21625	1	#0	QPSK	1000-1452	1000	1419.908	-87.26	-30	PASS



8	1.4	21625	1	#0	QPSK	1452-1496	1000	1481.26	-86.83	-50	PASS
8	1.4	21625	1	#0	QPSK	1496-1805	1000	1794.185	-70.92	-30	PASS
8	1.4	21625	1	#0	QPSK	1805-1880	1000	1861.25	-86.18	-50	PASS
8	1.4	21625	1	#0	QPSK	1880-1900	1000	1896.14	-85.92	-30	PASS
8	1.4	21625	1	#0	QPSK	1900-1920	1000	1915.52	-85.90	-50	PASS
8	1.4	21625	1	#0	QPSK	1920-2010	1000	1972.38	-85.23	-30	PASS
8	1.4	21625	1	#0	QPSK	2010-2025	1000	2021.82	-84.73	-50	PASS
8	1.4	21625	1	#0	QPSK	2025-2110	1000	2051.945	-83.62	-30	PASS
8	1.4	21625	1	#0	QPSK	2110-2200	1000	2144.92	-84.46	-50	PASS
8	1.4	21625	1	#0	QPSK	2200-2300	1000	2265.2	-83.44	-30	PASS
8	1.4	21625	1	#0	QPSK	2300-2400	1000	2303.2	-83.87	-50	PASS
8	1.4	21625	1	#0	QPSK	2400-2570	1000	2543.99	-83.01	-30	PASS
8	1.4	21625	1	#0	QPSK	2570-2690	1000	2676.32	-82.34	-50	PASS
8	1.4	21625	1	#0	QPSK	2690-3400	1000	2691.42	-78.41	-30	PASS
8	1.4	21625	1	#0	QPSK	3400-3800	1000	3588.4	-71.11	-50	PASS
8	1.4	21625	1	#0	QPSK	3800-12750	1000	12279	-76.54	-30	PASS
8	1.4	21625	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.25	-36	PASS
8	1.4	21625	1	#Max	QPSK	0.15-30	10	2.48	-98.45	-36	PASS
8	1.4	21625	1	#Max	QPSK	30-462.5	100	418	-100.33	-36	PASS
8	1.4	21625	1	#Max	QPSK	462.5-467.5	1000	466.685	-90.16	-50	PASS
8	1.4	21625	1	#Max	QPSK	467.5-738	100	510.1	-82.53	-36	PASS
8	1.4	21625	1	#Max	QPSK	738-821	1000	773.441	-89.54	-50	PASS
8	1.4	21625	1	#Max	QPSK	821-880	100	873.687	-94.28	-36	PASS
8	1.4	21625	1	#Max	QPSK	915-925	100	916.49	-97.36	-36	PASS
8	1.4	21625	1	#Max	QPSK	925-960	1000	941.87	-86.34	-50	PASS
8	1.4	21625	1	#Max	QPSK	960-1000	100	983.52	-98.30	-36	PASS
8	1.4	21625	1	#Max	QPSK	1000-1452	1000	1381.488	-87.58	-30	PASS
8	1.4	21625	1	#Max	QPSK	1452-1496	1000	1487.332	-86.53	-50	PASS
8	1.4	21625	1	#Max	QPSK	1496-1805	1000	1796.039	-68.53	-30	PASS
8	1.4	21625	1	#Max	QPSK	1805-1880	1000	1869.2	-85.89	-50	PASS
8	1.4	21625	1	#Max	QPSK	1880-1900	1000	1897.46	-86.16	-30	PASS
8	1.4	21625	1	#Max	QPSK	1900-1920	1000	1905.4	-85.46	-50	PASS
8	1.4	21625	1	#Max	QPSK	1920-2010	1000	1980.66	-84.78	-30	PASS
8	1.4	21625	1	#Max	QPSK	2010-2025	1000	2013.96	-84.31	-50	PASS
8	1.4	21625	1	#Max	QPSK	2025-2110	1000	2065.205	-84.01	-30	PASS
8	1.4	21625	1	#Max	QPSK	2110-2200	1000	2163.91	-84.09	-50	PASS
8	1.4	21625	1	#Max	QPSK	2200-2300	1000	2272.1	-83.72	-30	PASS
8	1.4	21625	1	#Max	QPSK	2300-2400	1000	2341.6	-83.26	-50	PASS
8	1.4	21625	1	#Max	QPSK	2400-2570	1000	2432.98	-82.66	-30	PASS
8	1.4	21625	1	#Max	QPSK	2570-2690	1000	2671.64	-82.58	-50	PASS
8	1.4	21625	1	#Max	QPSK	2690-3400	1000	2694.26	-78.02	-30	PASS
8	1.4	21625	1	#Max	QPSK	3400-3800	1000	3592	-72.02	-50	PASS

8	1.4	21625	1	#Max	QPSK	3800-12750	1000	12425	-76.29	-30	PASS
8	1.4	21625	6	#0	QPSK	0.009-0.15	1	0.063144	-98.96	-36	PASS
8	1.4	21625	6	#0	QPSK	0.15-30	10	2.48	-97.72	-36	PASS
8	1.4	21625	6	#0	QPSK	30-462.5	100	384.5	-99.97	-36	PASS
8	1.4	21625	6	#0	QPSK	462.5-467.5	1000	465.52	-90.08	-50	PASS
8	1.4	21625	6	#0	QPSK	467.5-738	100	736.6	-85.93	-36	PASS
8	1.4	21625	6	#0	QPSK	738-821	1000	756.509	-88.83	-50	PASS
8	1.4	21625	6	#0	QPSK	821-880	100	873.038	-95.02	-36	PASS
8	1.4	21625	6	#0	QPSK	915-925	100	922.81	-97.03	-36	PASS
8	1.4	21625	6	#0	QPSK	925-960	1000	942.605	-86.30	-50	PASS
8	1.4	21625	6	#0	QPSK	960-1000	100	967.24	-98.47	-36	PASS
8	1.4	21625	6	#0	QPSK	1000-1452	1000	1409.512	-87.60	-30	PASS
8	1.4	21625	6	#0	QPSK	1452-1496	1000	1494.152	-86.47	-50	PASS
8	1.4	21625	6	#0	QPSK	1496-1805	1000	1795.421	-73.83	-30	PASS
8	1.4	21625	6	#0	QPSK	1805-1880	1000	1842.275	-85.97	-50	PASS
8	1.4	21625	6	#0	QPSK	1880-1900	1000	1882.98	-85.23	-30	PASS
8	1.4	21625	6	#0	QPSK	1900-1920	1000	1911.66	-85.57	-50	PASS
8	1.4	21625	6	#0	QPSK	1920-2010	1000	1944.66	-85.09	-30	PASS
8	1.4	21625	6	#0	QPSK	2010-2025	1000	2017.065	-84.46	-50	PASS
8	1.4	21625	6	#0	QPSK	2025-2110	1000	2070.56	-84.80	-30	PASS
8	1.4	21625	6	#0	QPSK	2110-2200	1000	2145.46	-84.42	-50	PASS
8	1.4	21625	6	#0	QPSK	2200-2300	1000	2276.5	-83.18	-30	PASS
8	1.4	21625	6	#0	QPSK	2300-2400	1000	2374.7	-82.86	-50	PASS
8	1.4	21625	6	#0	QPSK	2400-2570	1000	2536.51	-82.99	-30	PASS
8	1.4	21625	6	#0	QPSK	2570-2690	1000	2687.84	-82.30	-50	PASS
8	1.4	21625	6	#0	QPSK	2690-3400	1000	2692.84	-79.11	-30	PASS
8	1.4	21625	6	#0	QPSK	3400-3800	1000	3590	-75.67	-50	PASS
8	1.4	21625	6	#0	QPSK	3800-12750	1000	12281	-75.93	-30	PASS
8	1.4	21793	1	#0	QPSK	0.009-0.15	1	0.063003	-98.83	-36	PASS
8	1.4	21793	1	#0	QPSK	0.15-30	10	0.17	-99.58	-36	PASS
8	1.4	21793	1	#0	QPSK	30-462.5	100	405.2	-99.61	-36	PASS
8	1.4	21793	1	#0	QPSK	462.5-467.5	1000	465.34	-90.68	-50	PASS
8	1.4	21793	1	#0	QPSK	467.5-738	100	489	-82.26	-36	PASS
8	1.4	21793	1	#0	QPSK	738-821	1000	755.264	-88.42	-50	PASS
8	1.4	21793	1	#0	QPSK	821-880	100	872.92	-93.63	-36	PASS
8	1.4	21793	1	#0	QPSK	917.8-925	100	920.2624	-93.47	-36	PASS
8	1.4	21793	1	#0	QPSK	925-960	1000	959.475	-87.53	-50	PASS
8	1.4	21793	1	#0	QPSK	960-1000	100	975.64	-98.13	-36	PASS
8	1.4	21793	1	#0	QPSK	1000-1452	1000	1384.652	-87.06	-30	PASS
8	1.4	21793	1	#0	QPSK	1452-1496	1000	1492.26	-87.10	-50	PASS
8	1.4	21793	1	#0	QPSK	1496-1805	1000	1611.257	-86.29	-30	PASS
8	1.4	21793	1	#0	QPSK	1805-1880	1000	1827.65	-63.72	-50	PASS

8	1.4	21793	1	#0	QPSK	1880-1900	1000	1894.34	-85.87	-30	PASS
8	1.4	21793	1	#0	QPSK	1900-1920	1000	1912.14	-85.37	-50	PASS
8	1.4	21793	1	#0	QPSK	1920-2010	1000	2008.11	-85.29	-30	PASS
8	1.4	21793	1	#0	QPSK	2010-2025	1000	2023.695	-84.26	-50	PASS
8	1.4	21793	1	#0	QPSK	2025-2110	1000	2090.45	-84.57	-30	PASS
8	1.4	21793	1	#0	QPSK	2110-2200	1000	2153.02	-84.16	-50	PASS
8	1.4	21793	1	#0	QPSK	2200-2300	1000	2223.8	-84.15	-30	PASS
8	1.4	21793	1	#0	QPSK	2300-2400	1000	2375.9	-83.35	-50	PASS
8	1.4	21793	1	#0	QPSK	2400-2570	1000	2519.51	-83.16	-30	PASS
8	1.4	21793	1	#0	QPSK	2570-2690	1000	2676.32	-82.02	-50	PASS
8	1.4	21793	1	#0	QPSK	2690-3400	1000	2741.83	-60.00	-30	PASS
8	1.4	21793	1	#0	QPSK	3400-3800	1000	3655.6	-67.30	-50	PASS
8	1.4	21793	1	#0	QPSK	3800-12750	1000	12688	-76.37	-30	PASS
8	1.4	21793	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.86	-36	PASS
8	1.4	21793	1	#Max	QPSK	0.15-30	10	2.48	-98.21	-36	PASS
8	1.4	21793	1	#Max	QPSK	30-462.5	100	457.8	-100.42	-36	PASS
8	1.4	21793	1	#Max	QPSK	462.5-467.5	1000	463.71	-90.38	-50	PASS
8	1.4	21793	1	#Max	QPSK	467.5-738	100	487.8	-80.75	-36	PASS
8	1.4	21793	1	#Max	QPSK	738-821	1000	753.189	-89.22	-50	PASS
8	1.4	21793	1	#Max	QPSK	821-880	100	873.451	-93.39	-36	PASS
8	1.4	21793	1	#Max	QPSK	917.8-925	100	920.3704	-92.41	-36	PASS
8	1.4	21793	1	#Max	QPSK	925-960	1000	959.09	-87.63	-50	PASS
8	1.4	21793	1	#Max	QPSK	960-1000	100	966.32	-97.18	-36	PASS
8	1.4	21793	1	#Max	QPSK	1000-1452	1000	1415.84	-87.35	-30	PASS
8	1.4	21793	1	#Max	QPSK	1452-1496	1000	1491.16	-87.27	-50	PASS
8	1.4	21793	1	#Max	QPSK	1496-1805	1000	1676.147	-86.27	-30	PASS
8	1.4	21793	1	#Max	QPSK	1805-1880	1000	1829.525	-64.24	-50	PASS
8	1.4	21793	1	#Max	QPSK	1880-1900	1000	1888.38	-86.34	-30	PASS
8	1.4	21793	1	#Max	QPSK	1900-1920	1000	1910.7	-85.20	-50	PASS
8	1.4	21793	1	#Max	QPSK	1920-2010	1000	1942.41	-85.45	-30	PASS
8	1.4	21793	1	#Max	QPSK	2010-2025	1000	2014.53	-84.64	-50	PASS
8	1.4	21793	1	#Max	QPSK	2025-2110	1000	2040.47	-84.08	-30	PASS
8	1.4	21793	1	#Max	QPSK	2110-2200	1000	2193.7	-84.43	-50	PASS
8	1.4	21793	1	#Max	QPSK	2200-2300	1000	2236.7	-83.82	-30	PASS
8	1.4	21793	1	#Max	QPSK	2300-2400	1000	2380.9	-83.81	-50	PASS
8	1.4	21793	1	#Max	QPSK	2400-2570	1000	2560.82	-82.84	-30	PASS
8	1.4	21793	1	#Max	QPSK	2570-2690	1000	2661.2	-82.52	-50	PASS
8	1.4	21793	1	#Max	QPSK	2690-3400	1000	2744.67	-59.03	-30	PASS
8	1.4	21793	1	#Max	QPSK	3400-3800	1000	3658.8	-69.83	-50	PASS
8	1.4	21793	1	#Max	QPSK	3800-12750	1000	4573	-76.02	-30	PASS
8	1.4	21793	6	#0	QPSK	0.009-0.15	1	0.062862	-99.02	-36	PASS
8	1.4	21793	6	#0	QPSK	0.15-30	10	2.38	-100.29	-36	PASS

8	1.4	21793	6	#0	QPSK	30-462.5	100	448.2	-99.85	-36	PASS
8	1.4	21793	6	#0	QPSK	462.5-467.5	1000	465.55	-90.65	-50	PASS
8	1.4	21793	6	#0	QPSK	467.5-738	100	736.6	-85.71	-36	PASS
8	1.4	21793	6	#0	QPSK	738-821	1000	771.615	-89.31	-50	PASS
8	1.4	21793	6	#0	QPSK	821-880	100	873.805	-94.40	-36	PASS
8	1.4	21793	6	#0	QPSK	917.8-925	100	921.2128	-91.39	-36	PASS
8	1.4	21793	6	#0	QPSK	925-960	1000	959.055	-87.81	-50	PASS
8	1.4	21793	6	#0	QPSK	960-1000	100	970.72	-97.66	-36	PASS
8	1.4	21793	6	#0	QPSK	1000-1452	1000	1430.304	-86.75	-30	PASS
8	1.4	21793	6	#0	QPSK	1452-1496	1000	1476.156	-86.88	-50	PASS
8	1.4	21793	6	#0	QPSK	1496-1805	1000	1703.339	-87.02	-30	PASS
8	1.4	21793	6	#0	QPSK	1805-1880	1000	1828.55	-66.56	-50	PASS
8	1.4	21793	6	#0	QPSK	1880-1900	1000	1898.76	-85.64	-30	PASS
8	1.4	21793	6	#0	QPSK	1900-1920	1000	1916.26	-85.44	-50	PASS
8	1.4	21793	6	#0	QPSK	1920-2010	1000	1999.92	-85.55	-30	PASS
8	1.4	21793	6	#0	QPSK	2010-2025	1000	2016.78	-84.35	-50	PASS
8	1.4	21793	6	#0	QPSK	2025-2110	1000	2093.34	-84.44	-30	PASS
8	1.4	21793	6	#0	QPSK	2110-2200	1000	2182.9	-84.40	-50	PASS
8	1.4	21793	6	#0	QPSK	2200-2300	1000	2289.4	-83.98	-30	PASS
8	1.4	21793	6	#0	QPSK	2300-2400	1000	2392.5	-83.58	-50	PASS
8	1.4	21793	6	#0	QPSK	2400-2570	1000	2556.74	-82.71	-30	PASS
8	1.4	21793	6	#0	QPSK	2570-2690	1000	2649.8	-82.42	-50	PASS
8	1.4	21793	6	#0	QPSK	2690-3400	1000	2742.54	-62.40	-30	PASS
8	1.4	21793	6	#0	QPSK	3400-3800	1000	3658.4	-73.40	-50	PASS
8	1.4	21793	6	#0	QPSK	3800-12750	1000	12438	-76.40	-30	PASS
8	5	21475	1	#0	QPSK	0.009-0.15	1	0.062862	-99.03	-36	PASS
8	5	21475	1	#0	QPSK	0.15-30	10	2.48	-99.62	-36	PASS
8	5	21475	1	#0	QPSK	30-462.5	100	443.9	-100.14	-36	PASS
8	5	21475	1	#0	QPSK	462.5-467.5	1000	464.63	-90.65	-50	PASS
8	5	21475	1	#0	QPSK	467.5-738	100	533.6	-82.49	-36	PASS
8	5	21475	1	#0	QPSK	738-821	1000	767.88	-88.37	-50	PASS
8	5	21475	1	#0	QPSK	821-870	100	867.795	-92.85	-36	PASS
8	5	21475	1	#0	QPSK	915-925	100	920.84	-97.93	-36	PASS
8	5	21475	1	#0	QPSK	925-960	1000	954.89	-88.01	-50	PASS
8	5	21475	1	#0	QPSK	960-1000	100	962.12	-98.09	-36	PASS
8	5	21475	1	#0	QPSK	1000-1452	1000	1386.008	-87.45	-30	PASS
8	5	21475	1	#0	QPSK	1452-1496	1000	1478.62	-86.94	-50	PASS
8	5	21475	1	#0	QPSK	1496-1805	1000	1760.813	-71.30	-30	PASS
8	5	21475	1	#0	QPSK	1805-1880	1000	1830.8	-85.96	-50	PASS
8	5	21475	1	#0	QPSK	1880-1900	1000	1897.26	-85.63	-30	PASS
8	5	21475	1	#0	QPSK	1900-1920	1000	1918.14	-85.74	-50	PASS
8	5	21475	1	#0	QPSK	1920-2010	1000	1940.88	-85.33	-30	PASS

8	5	21475	1	#0	QPSK	2010-2025	1000	2020.635	-84.41	-50	PASS
8	5	21475	1	#0	QPSK	2025-2110	1000	2093.34	-84.44	-30	PASS
8	5	21475	1	#0	QPSK	2110-2200	1000	2176.06	-84.55	-50	PASS
8	5	21475	1	#0	QPSK	2200-2300	1000	2210.6	-84.13	-30	PASS
8	5	21475	1	#0	QPSK	2300-2400	1000	2385.7	-83.49	-50	PASS
8	5	21475	1	#0	QPSK	2400-2570	1000	2468.68	-82.81	-30	PASS
8	5	21475	1	#0	QPSK	2570-2690	1000	2640.8	-73.66	-50	PASS
8	5	21475	1	#0	QPSK	2690-3400	1000	3197.65	-82.24	-30	PASS
8	5	21475	1	#0	QPSK	3400-3800	1000	3520.8	-77.39	-50	PASS
8	5	21475	1	#0	QPSK	3800-12750	1000	12612	-76.51	-30	PASS
8	5	21475	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.48	-36	PASS
8	5	21475	1	#Max	QPSK	0.15-30	10	2.43	-97.50	-36	PASS
8	5	21475	1	#Max	QPSK	30-462.5	100	448.9	-100.24	-36	PASS
8	5	21475	1	#Max	QPSK	462.5-467.5	1000	466.975	-90.45	-50	PASS
8	5	21475	1	#Max	QPSK	467.5-738	100	527.9	-82.70	-36	PASS
8	5	21475	1	#Max	QPSK	738-821	1000	747.462	-89.24	-50	PASS
8	5	21475	1	#Max	QPSK	821-870	100	869.216	-89.98	-36	PASS
8	5	21475	1	#Max	QPSK	915-925	100	921.57	-97.80	-36	PASS
8	5	21475	1	#Max	QPSK	925-960	1000	926.12	-88.33	-50	PASS
8	5	21475	1	#Max	QPSK	960-1000	100	991.4	-98.41	-36	PASS
8	5	21475	1	#Max	QPSK	1000-1452	1000	1402.28	-86.98	-30	PASS
8	5	21475	1	#Max	QPSK	1452-1496	1000	1483.504	-86.29	-50	PASS
8	5	21475	1	#Max	QPSK	1496-1805	1000	1769.465	-75.32	-30	PASS
8	5	21475	1	#Max	QPSK	1805-1880	1000	1850.525	-86.24	-50	PASS
8	5	21475	1	#Max	QPSK	1880-1900	1000	1884.68	-85.55	-30	PASS
8	5	21475	1	#Max	QPSK	1900-1920	1000	1911.28	-85.67	-50	PASS
8	5	21475	1	#Max	QPSK	1920-2010	1000	1940.97	-85.30	-30	PASS
8	5	21475	1	#Max	QPSK	2010-2025	1000	2018.355	-84.66	-50	PASS
8	5	21475	1	#Max	QPSK	2025-2110	1000	2070.305	-84.59	-30	PASS
8	5	21475	1	#Max	QPSK	2110-2200	1000	2166.34	-83.62	-50	PASS
8	5	21475	1	#Max	QPSK	2200-2300	1000	2245.3	-83.74	-30	PASS
8	5	21475	1	#Max	QPSK	2300-2400	1000	2314.1	-83.08	-50	PASS
8	5	21475	1	#Max	QPSK	2400-2570	1000	2514.07	-83.14	-30	PASS
8	5	21475	1	#Max	QPSK	2570-2690	1000	2653.88	-82.36	-50	PASS
8	5	21475	1	#Max	QPSK	2690-3400	1000	3174.93	-82.19	-30	PASS
8	5	21475	1	#Max	QPSK	3400-3800	1000	3538.8	-73.62	-50	PASS
8	5	21475	1	#Max	QPSK	3800-12750	1000	12601	-76.22	-30	PASS
8	5	21475	25	#0	QPSK	0.009-0.15	1	0.062862	-97.99	-36	PASS
8	5	21475	25	#0	QPSK	0.15-30	10	2.48	-97.85	-36	PASS
8	5	21475	25	#0	QPSK	30-462.5	100	453.4	-100.21	-36	PASS
8	5	21475	25	#0	QPSK	462.5-467.5	1000	466.115	-90.80	-50	PASS
8	5	21475	25	#0	QPSK	467.5-738	100	707.1	-86.10	-36	PASS

8	5	21475	25	#0	QPSK	738-821	1000	807.554	-89.33	-50	PASS
8	5	21475	25	#0	QPSK	821-870	100	868.971	-77.93	-36	PASS
8	5	21475	25	#0	QPSK	915-925	100	920.06	-97.08	-36	PASS
8	5	21475	25	#0	QPSK	925-960	1000	930.215	-88.70	-50	PASS
8	5	21475	25	#0	QPSK	960-1000	100	968.56	-97.98	-36	PASS
8	5	21475	25	#0	QPSK	1000-1452	1000	1339.904	-87.29	-30	PASS
8	5	21475	25	#0	QPSK	1452-1496	1000	1455.432	-86.73	-50	PASS
8	5	21475	25	#0	QPSK	1496-1805	1000	1763.285	-78.22	-30	PASS
8	5	21475	25	#0	QPSK	1805-1880	1000	1824.725	-85.80	-50	PASS
8	5	21475	25	#0	QPSK	1880-1900	1000	1882.96	-86.23	-30	PASS
8	5	21475	25	#0	QPSK	1900-1920	1000	1900.82	-85.76	-50	PASS
8	5	21475	25	#0	QPSK	1920-2010	1000	1960.95	-85.41	-30	PASS
8	5	21475	25	#0	QPSK	2010-2025	1000	2013.345	-84.62	-50	PASS
8	5	21475	25	#0	QPSK	2025-2110	1000	2026.445	-84.49	-30	PASS
8	5	21475	25	#0	QPSK	2110-2200	1000	2180.38	-84.19	-50	PASS
8	5	21475	25	#0	QPSK	2200-2300	1000	2287	-83.44	-30	PASS
8	5	21475	25	#0	QPSK	2300-2400	1000	2351.7	-83.42	-50	PASS
8	5	21475	25	#0	QPSK	2400-2570	1000	2566.43	-83.09	-30	PASS
8	5	21475	25	#0	QPSK	2570-2690	1000	2646.32	-81.49	-50	PASS
8	5	21475	25	#0	QPSK	2690-3400	1000	3191.97	-81.61	-30	PASS
8	5	21475	25	#0	QPSK	3400-3800	1000	3525.6	-81.10	-50	PASS
8	5	21475	25	#0	QPSK	3800-12750	1000	12338	-76.76	-30	PASS
8	5	21625	1	#0	QPSK	0.009-0.15	1	0.063003	-99.62	-36	PASS
8	5	21625	1	#0	QPSK	0.15-30	10	2.48	-95.77	-36	PASS
8	5	21625	1	#0	QPSK	30-462.5	100	446.6	-100.08	-36	PASS
8	5	21625	1	#0	QPSK	462.5-467.5	1000	466.085	-90.73	-50	PASS
8	5	21625	1	#0	QPSK	467.5-738	100	513.7	-81.68	-36	PASS
8	5	21625	1	#0	QPSK	738-821	1000	784.48	-89.33	-50	PASS
8	5	21625	1	#0	QPSK	821-880	100	872.861	-93.15	-36	PASS
8	5	21625	1	#0	QPSK	915-925	100	923.91	-96.49	-36	PASS
8	5	21625	1	#0	QPSK	925-960	1000	941.17	-83.89	-50	PASS
8	5	21625	1	#0	QPSK	960-1000	100	965.16	-98.09	-36	PASS
8	5	21625	1	#0	QPSK	1000-1452	1000	1303.292	-86.99	-30	PASS
8	5	21625	1	#0	QPSK	1452-1496	1000	1465.596	-86.95	-50	PASS
8	5	21625	1	#0	QPSK	1496-1805	1000	1790.786	-72.02	-30	PASS
8	5	21625	1	#0	QPSK	1805-1880	1000	1865.075	-86.09	-50	PASS
8	5	21625	1	#0	QPSK	1880-1900	1000	1890.72	-85.29	-30	PASS
8	5	21625	1	#0	QPSK	1900-1920	1000	1904.18	-85.78	-50	PASS
8	5	21625	1	#0	QPSK	1920-2010	1000	1938.09	-85.79	-30	PASS
8	5	21625	1	#0	QPSK	2010-2025	1000	2018.43	-84.56	-50	PASS
8	5	21625	1	#0	QPSK	2025-2110	1000	2063.675	-84.18	-30	PASS
8	5	21625	1	#0	QPSK	2110-2200	1000	2181.73	-84.18	-50	PASS

8	5	21625	1	#0	QPSK	2200-2300	1000	2204.2	-83.84	-30	PASS
8	5	21625	1	#0	QPSK	2300-2400	1000	2320.2	-83.03	-50	PASS
8	5	21625	1	#0	QPSK	2400-2570	1000	2524.27	-82.97	-30	PASS
8	5	21625	1	#0	QPSK	2570-2690	1000	2685.56	-75.43	-50	PASS
8	5	21625	1	#0	QPSK	2690-3400	1000	3184.16	-82.73	-30	PASS
8	5	21625	1	#0	QPSK	3400-3800	1000	3581.6	-71.56	-50	PASS
8	5	21625	1	#0	QPSK	3800-12750	1000	12686	-76.05	-30	PASS
8	5	21625	1	#Max	QPSK	0.009-0.15	1	0.063144	-99.28	-36	PASS
8	5	21625	1	#Max	QPSK	0.15-30	10	2.48	-99.37	-36	PASS
8	5	21625	1	#Max	QPSK	30-462.5	100	426	-100.08	-36	PASS
8	5	21625	1	#Max	QPSK	462.5-467.5	1000	463.21	-90.28	-50	PASS
8	5	21625	1	#Max	QPSK	467.5-738	100	507.9	-81.31	-36	PASS
8	5	21625	1	#Max	QPSK	738-821	1000	818.759	-88.99	-50	PASS
8	5	21625	1	#Max	QPSK	821-880	100	873.51	-94.03	-36	PASS
8	5	21625	1	#Max	QPSK	915-925	100	917.5	-97.59	-36	PASS
8	5	21625	1	#Max	QPSK	925-960	1000	941.73	-83.92	-50	PASS
8	5	21625	1	#Max	QPSK	960-1000	100	974.84	-97.35	-36	PASS
8	5	21625	1	#Max	QPSK	1000-1452	1000	1433.92	-87.26	-30	PASS
8	5	21625	1	#Max	QPSK	1452-1496	1000	1491.996	-87.24	-50	PASS
8	5	21625	1	#Max	QPSK	1496-1805	1000	1799.438	-64.38	-30	PASS
8	5	21625	1	#Max	QPSK	1805-1880	1000	1844.3	-86.18	-50	PASS
8	5	21625	1	#Max	QPSK	1880-1900	1000	1882.78	-86.18	-30	PASS
8	5	21625	1	#Max	QPSK	1900-1920	1000	1910.32	-85.54	-50	PASS
8	5	21625	1	#Max	QPSK	1920-2010	1000	1941.24	-84.87	-30	PASS
8	5	21625	1	#Max	QPSK	2010-2025	1000	2023.275	-84.34	-50	PASS
8	5	21625	1	#Max	QPSK	2025-2110	1000	2025.595	-84.05	-30	PASS
8	5	21625	1	#Max	QPSK	2110-2200	1000	2160.4	-84.01	-50	PASS
8	5	21625	1	#Max	QPSK	2200-2300	1000	2279.1	-83.78	-30	PASS
8	5	21625	1	#Max	QPSK	2300-2400	1000	2386.9	-83.40	-50	PASS
8	5	21625	1	#Max	QPSK	2400-2570	1000	2540.42	-82.94	-30	PASS
8	5	21625	1	#Max	QPSK	2570-2690	1000	2673.32	-82.16	-50	PASS
8	5	21625	1	#Max	QPSK	2690-3400	1000	2699.23	-78.53	-30	PASS
8	5	21625	1	#Max	QPSK	3400-3800	1000	3598.8	-75.18	-50	PASS
8	5	21625	1	#Max	QPSK	3800-12750	1000	12216	-75.42	-30	PASS
8	5	21625	25	#0	QPSK	0.009-0.15	1	0.062862	-98.69	-36	PASS
8	5	21625	25	#0	QPSK	0.15-30	10	2.48	-95.93	-36	PASS
8	5	21625	25	#0	QPSK	30-462.5	100	433.2	-100.29	-36	PASS
8	5	21625	25	#0	QPSK	462.5-467.5	1000	465.485	-90.49	-50	PASS
8	5	21625	25	#0	QPSK	467.5-738	100	737.1	-86.14	-36	PASS
8	5	21625	25	#0	QPSK	738-821	1000	806.06	-89.55	-50	PASS
8	5	21625	25	#0	QPSK	821-880	100	873.923	-84.00	-36	PASS
8	5	21625	25	#0	QPSK	915-925	100	917.2	-97.31	-36	PASS



8	5	21625	25	#0	QPSK	925-960	1000	941.555	-83.10	-50	PASS
8	5	21625	25	#0	QPSK	960-1000	100	996.16	-98.09	-36	PASS
8	5	21625	25	#0	QPSK	1000-1452	1000	1441.152	-87.35	-30	PASS
8	5	21625	25	#0	QPSK	1452-1496	1000	1484.252	-87.06	-50	PASS
8	5	21625	25	#0	QPSK	1496-1805	1000	1796.657	-74.30	-30	PASS
8	5	21625	25	#0	QPSK	1805-1880	1000	1869.65	-86.37	-50	PASS
8	5	21625	25	#0	QPSK	1880-1900	1000	1886.66	-85.79	-30	PASS
8	5	21625	25	#0	QPSK	1900-1920	1000	1918.22	-85.47	-50	PASS
8	5	21625	25	#0	QPSK	1920-2010	1000	2002.89	-84.73	-30	PASS
8	5	21625	25	#0	QPSK	2010-2025	1000	2023.155	-84.53	-50	PASS
8	5	21625	25	#0	QPSK	2025-2110	1000	2042.765	-84.27	-30	PASS
8	5	21625	25	#0	QPSK	2110-2200	1000	2154.55	-84.00	-50	PASS
8	5	21625	25	#0	QPSK	2200-2300	1000	2265	-83.94	-30	PASS
8	5	21625	25	#0	QPSK	2300-2400	1000	2303.6	-83.85	-50	PASS
8	5	21625	25	#0	QPSK	2400-2570	1000	2533.79	-83.32	-30	PASS
8	5	21625	25	#0	QPSK	2570-2690	1000	2688.92	-82.31	-50	PASS
8	5	21625	25	#0	QPSK	2690-3400	1000	2694.97	-82.36	-30	PASS
8	5	21625	25	#0	QPSK	3400-3800	1000	3590	-78.65	-50	PASS
8	5	21625	25	#0	QPSK	3800-12750	1000	12489	-76.49	-30	PASS
8	5	21775	1	#0	QPSK	0.009-0.15	1	0.063003	-99.25	-36	PASS
8	5	21775	1	#0	QPSK	0.15-30	10	2.48	-96.97	-36	PASS
8	5	21775	1	#0	QPSK	30-462.5	100	437	-99.40	-36	PASS
8	5	21775	1	#0	QPSK	462.5-467.5	1000	465.675	-90.60	-50	PASS
8	5	21775	1	#0	QPSK	467.5-738	100	624.9	-80.09	-36	PASS
8	5	21775	1	#0	QPSK	738-821	1000	756.841	-89.38	-50	PASS
8	5	21775	1	#0	QPSK	821-880	100	872.507	-94.34	-36	PASS
8	5	21775	1	#0	QPSK	915-925	100	918.95	-92.02	-36	PASS
8	5	21775	1	#0	QPSK	925-960	1000	959.09	-86.37	-50	PASS
8	5	21775	1	#0	QPSK	960-1000	100	992.76	-97.26	-36	PASS
8	5	21775	1	#0	QPSK	1000-1452	1000	1398.664	-87.61	-30	PASS
8	5	21775	1	#0	QPSK	1452-1496	1000	1461.944	-87.02	-50	PASS
8	5	21775	1	#0	QPSK	1496-1805	1000	1661.006	-86.98	-30	PASS
8	5	21775	1	#0	QPSK	1805-1880	1000	1820.6	-67.19	-50	PASS
8	5	21775	1	#0	QPSK	1880-1900	1000	1894.9	-86.05	-30	PASS
8	5	21775	1	#0	QPSK	1900-1920	1000	1918	-85.43	-50	PASS
8	5	21775	1	#0	QPSK	1920-2010	1000	1939.98	-85.05	-30	PASS
8	5	21775	1	#0	QPSK	2010-2025	1000	2020.455	-84.60	-50	PASS
8	5	21775	1	#0	QPSK	2025-2110	1000	2047.27	-84.55	-30	PASS
8	5	21775	1	#0	QPSK	2110-2200	1000	2187.76	-84.09	-50	PASS
8	5	21775	1	#0	QPSK	2200-2300	1000	2285.7	-84.39	-30	PASS
8	5	21775	1	#0	QPSK	2300-2400	1000	2359.5	-83.45	-50	PASS
8	5	21775	1	#0	QPSK	2400-2570	1000	2566.6	-82.71	-30	PASS



8	5	21775	1	#0	QPSK	2570-2690	1000	2599.88	-82.37	-50	PASS
8	5	21775	1	#0	QPSK	2690-3400	1000	2731.18	-71.71	-30	PASS
8	5	21775	1	#0	QPSK	3400-3800	1000	3641.2	-67.81	-50	PASS
8	5	21775	1	#0	QPSK	3800-12750	1000	12605	-75.77	-30	PASS
8	5	21775	1	#Max	QPSK	0.009-0.15	1	0.062862	-99.08	-36	PASS
8	5	21775	1	#Max	QPSK	0.15-30	10	0.19	-100.40	-36	PASS
8	5	21775	1	#Max	QPSK	30-462.5	100	443.1	-99.75	-36	PASS
8	5	21775	1	#Max	QPSK	462.5-467.5	1000	464.47	-90.55	-50	PASS
8	5	21775	1	#Max	QPSK	467.5-738	100	487.9	-80.68	-36	PASS
8	5	21775	1	#Max	QPSK	738-821	1000	753.936	-89.43	-50	PASS
8	5	21775	1	#Max	QPSK	821-880	100	873.451	-93.04	-36	PASS
8	5	21775	1	#Max	QPSK	915-925	100	915.12	-73.03	-36	PASS
8	5	21775	1	#Max	QPSK	925-960	1000	955.87	-86.53	-50	PASS
8	5	21775	1	#Max	QPSK	960-1000	100	962.16	-98.20	-36	PASS
8	5	21775	1	#Max	QPSK	1000-1452	1000	1343.52	-87.58	-30	PASS
8	5	21775	1	#Max	QPSK	1452-1496	1000	1486.056	-86.57	-50	PASS
8	5	21775	1	#Max	QPSK	1496-1805	1000	1802.837	-87.15	-30	PASS
8	5	21775	1	#Max	QPSK	1805-1880	1000	1829.225	-63.43	-50	PASS
8	5	21775	1	#Max	QPSK	1880-1900	1000	1887.14	-85.89	-30	PASS
8	5	21775	1	#Max	QPSK	1900-1920	1000	1907.7	-85.19	-50	PASS
8	5	21775	1	#Max	QPSK	1920-2010	1000	1976.16	-84.89	-30	PASS
8	5	21775	1	#Max	QPSK	2010-2025	1000	2021.01	-84.39	-50	PASS
8	5	21775	1	#Max	QPSK	2025-2110	1000	2080.25	-84.58	-30	PASS
8	5	21775	1	#Max	QPSK	2110-2200	1000	2176.69	-83.50	-50	PASS
8	5	21775	1	#Max	QPSK	2200-2300	1000	2221.2	-83.84	-30	PASS
8	5	21775	1	#Max	QPSK	2300-2400	1000	2388.8	-83.98	-50	PASS
8	5	21775	1	#Max	QPSK	2400-2570	1000	2511.01	-82.20	-30	PASS
8	5	21775	1	#Max	QPSK	2570-2690	1000	2669.6	-82.46	-50	PASS
8	5	21775	1	#Max	QPSK	2690-3400	1000	2743.96	-62.13	-30	PASS
8	5	21775	1	#Max	QPSK	3400-3800	1000	3658.4	-71.98	-50	PASS
8	5	21775	1	#Max	QPSK	3800-12750	1000	4573	-70.76	-30	PASS
8	5	21775	25	#0	QPSK	0.009-0.15	1	0.062862	-98.99	-36	PASS
8	5	21775	25	#0	QPSK	0.15-30	10	2.48	-97.61	-36	PASS
8	5	21775	25	#0	QPSK	30-462.5	100	455.2	-99.85	-36	PASS
8	5	21775	25	#0	QPSK	462.5-467.5	1000	463.045	-90.45	-50	PASS
8	5	21775	25	#0	QPSK	467.5-738	100	733.2	-86.58	-36	PASS
8	5	21775	25	#0	QPSK	738-821	1000	789.626	-89.11	-50	PASS
8	5	21775	25	#0	QPSK	821-880	100	873.156	-91.65	-36	PASS
8	5	21775	25	#0	QPSK	915-925	100	916.57	-84.17	-36	PASS
8	5	21775	25	#0	QPSK	925-960	1000	959.335	-87.15	-50	PASS
8	5	21775	25	#0	QPSK	960-1000	100	968	-96.38	-36	PASS
8	5	21775	25	#0	QPSK	1000-1452	1000	1409.512	-87.19	-30	PASS

8	5	21775	25	#0	QPSK	1452-1496	1000	1468.324	-86.70	-50	PASS
8	5	21775	25	#0	QPSK	1496-1805	1000	1548.221	-86.40	-30	PASS
8	5	21775	25	#0	QPSK	1805-1880	1000	1822.1	-71.39	-50	PASS
8	5	21775	25	#0	QPSK	1880-1900	1000	1884.92	-85.92	-30	PASS
8	5	21775	25	#0	QPSK	1900-1920	1000	1911.34	-85.70	-50	PASS
8	5	21775	25	#0	QPSK	1920-2010	1000	1973.82	-85.21	-30	PASS
8	5	21775	25	#0	QPSK	2010-2025	1000	2022.225	-84.46	-50	PASS
8	5	21775	25	#0	QPSK	2025-2110	1000	2087.22	-84.52	-30	PASS
8	5	21775	25	#0	QPSK	2110-2200	1000	2191.63	-84.16	-50	PASS
8	5	21775	25	#0	QPSK	2200-2300	1000	2237.5	-83.82	-30	PASS
8	5	21775	25	#0	QPSK	2300-2400	1000	2339	-83.66	-50	PASS
8	5	21775	25	#0	QPSK	2400-2570	1000	2535.49	-82.84	-30	PASS
8	5	21775	25	#0	QPSK	2570-2690	1000	2618.6	-82.75	-50	PASS
8	5	21775	25	#0	QPSK	2690-3400	1000	2735.44	-68.66	-30	PASS
8	5	21775	25	#0	QPSK	3400-3800	1000	3650	-76.75	-50	PASS
8	5	21775	25	#0	QPSK	3800-12750	1000	12619	-75.67	-30	PASS
8	10	21500	1	#0	QPSK	0.009-0.15	1	0.063003	-99.69	-36	PASS
8	10	21500	1	#0	QPSK	0.15-30	10	2.39	-99.03	-36	PASS
8	10	21500	1	#0	QPSK	30-462.5	100	448.6	-100.22	-36	PASS
8	10	21500	1	#0	QPSK	462.5-467.5	1000	466.095	-90.46	-50	PASS
8	10	21500	1	#0	QPSK	467.5-738	100	533.3	-82.25	-36	PASS
8	10	21500	1	#0	QPSK	738-821	1000	759.912	-88.94	-50	PASS
8	10	21500	1	#0	QPSK	821-865	100	863.064	-86.18	-36	PASS
8	10	21500	1	#0	QPSK	915-925	100	924.28	-97.52	-36	PASS
8	10	21500	1	#0	QPSK	925-960	1000	940.505	-88.49	-50	PASS
8	10	21500	1	#0	QPSK	960-1000	100	969.68	-98.10	-36	PASS
8	10	21500	1	#0	QPSK	1000-1452	1000	1433.016	-86.27	-30	PASS
8	10	21500	1	#0	QPSK	1452-1496	1000	1491.468	-86.40	-50	PASS
8	10	21500	1	#0	QPSK	1496-1805	1000	1761.431	-71.18	-30	PASS
8	10	21500	1	#0	QPSK	1805-1880	1000	1830.2	-85.82	-50	PASS
8	10	21500	1	#0	QPSK	1880-1900	1000	1893.64	-85.33	-30	PASS
8	10	21500	1	#0	QPSK	1900-1920	1000	1909.1	-85.78	-50	PASS
8	10	21500	1	#0	QPSK	1920-2010	1000	1944.84	-85.23	-30	PASS
8	10	21500	1	#0	QPSK	2010-2025	1000	2023.275	-84.35	-50	PASS
8	10	21500	1	#0	QPSK	2025-2110	1000	2056.195	-84.25	-30	PASS
8	10	21500	1	#0	QPSK	2110-2200	1000	2115.67	-84.48	-50	PASS
8	10	21500	1	#0	QPSK	2200-2300	1000	2255.6	-83.96	-30	PASS
8	10	21500	1	#0	QPSK	2300-2400	1000	2303.5	-83.91	-50	PASS
8	10	21500	1	#0	QPSK	2400-2570	1000	2551.64	-82.95	-30	PASS
8	10	21500	1	#0	QPSK	2570-2690	1000	2642.12	-73.74	-50	PASS
8	10	21500	1	#0	QPSK	2690-3400	1000	2707.75	-83.09	-30	PASS
8	10	21500	1	#0	QPSK	3400-3800	1000	3522.8	-75.48	-50	PASS

8	10	21500	1	#0	QPSK	3800-12750	1000	12573	-76.40	-30	PASS
8	10	21500	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.73	-36	PASS
8	10	21500	1	#Max	QPSK	0.15-30	10	0.16	-99.03	-36	PASS
8	10	21500	1	#Max	QPSK	30-462.5	100	448	-100.17	-36	PASS
8	10	21500	1	#Max	QPSK	462.5-467.5	1000	465.75	-90.91	-50	PASS
8	10	21500	1	#Max	QPSK	467.5-738	100	551.7	-80.89	-36	PASS
8	10	21500	1	#Max	QPSK	738-821	1000	768.627	-88.98	-50	PASS
8	10	21500	1	#Max	QPSK	821-865	100	841.724	-93.86	-36	PASS
8	10	21500	1	#Max	QPSK	915-925	100	915.88	-97.79	-36	PASS
8	10	21500	1	#Max	QPSK	925-960	1000	934.415	-88.14	-50	PASS
8	10	21500	1	#Max	QPSK	960-1000	100	965.24	-97.92	-36	PASS
8	10	21500	1	#Max	QPSK	1000-1452	1000	1438.892	-87.38	-30	PASS
8	10	21500	1	#Max	QPSK	1452-1496	1000	1459.964	-87.31	-50	PASS
8	10	21500	1	#Max	QPSK	1496-1805	1000	1779.044	-74.94	-30	PASS
8	10	21500	1	#Max	QPSK	1805-1880	1000	1826.15	-85.74	-50	PASS
8	10	21500	1	#Max	QPSK	1880-1900	1000	1898.52	-85.84	-30	PASS
8	10	21500	1	#Max	QPSK	1900-1920	1000	1910.86	-85.50	-50	PASS
8	10	21500	1	#Max	QPSK	1920-2010	1000	1983.54	-85.26	-30	PASS
8	10	21500	1	#Max	QPSK	2010-2025	1000	2022.54	-84.49	-50	PASS
8	10	21500	1	#Max	QPSK	2025-2110	1000	2043.955	-84.12	-30	PASS
8	10	21500	1	#Max	QPSK	2110-2200	1000	2150.68	-83.84	-50	PASS
8	10	21500	1	#Max	QPSK	2200-2300	1000	2269	-84.34	-30	PASS
8	10	21500	1	#Max	QPSK	2300-2400	1000	2347.2	-83.25	-50	PASS
8	10	21500	1	#Max	QPSK	2400-2570	1000	2568.13	-83.16	-30	PASS
8	10	21500	1	#Max	QPSK	2570-2690	1000	2668.4	-72.73	-50	PASS
8	10	21500	1	#Max	QPSK	2690-3400	1000	3155.05	-82.57	-30	PASS
8	10	21500	1	#Max	QPSK	3400-3800	1000	3558	-72.95	-50	PASS
8	10	21500	1	#Max	QPSK	3800-12750	1000	12612	-75.67	-30	PASS
8	10	21500	50	#0	QPSK	0.009-0.15	1	0.065259	-100.24	-36	PASS
8	10	21500	50	#0	QPSK	0.15-30	10	0.19	-99.87	-36	PASS
8	10	21500	50	#0	QPSK	30-462.5	100	444.4	-100.16	-36	PASS
8	10	21500	50	#0	QPSK	462.5-467.5	1000	463.945	-90.50	-50	PASS
8	10	21500	50	#0	QPSK	467.5-738	100	720.4	-85.22	-36	PASS
8	10	21500	50	#0	QPSK	738-821	1000	784.397	-88.70	-50	PASS
8	10	21500	50	#0	QPSK	821-865	100	864.868	-91.94	-36	PASS
8	10	21500	50	#0	QPSK	915-925	100	923.96	-97.22	-36	PASS
8	10	21500	50	#0	QPSK	925-960	1000	934.03	-87.76	-50	PASS
8	10	21500	50	#0	QPSK	960-1000	100	995.72	-97.66	-36	PASS
8	10	21500	50	#0	QPSK	1000-1452	1000	1444.768	-87.11	-30	PASS
8	10	21500	50	#0	QPSK	1452-1496	1000	1473.604	-87.07	-50	PASS
8	10	21500	50	#0	QPSK	1496-1805	1000	1763.285	-81.84	-30	PASS
8	10	21500	50	#0	QPSK	1805-1880	1000	1859.075	-86.32	-50	PASS

8	10	21500	50	#0	QPSK	1880-1900	1000	1890.26	-85.84	-30	PASS
8	10	21500	50	#0	QPSK	1900-1920	1000	1910.46	-85.75	-50	PASS
8	10	21500	50	#0	QPSK	1920-2010	1000	1941.42	-85.10	-30	PASS
8	10	21500	50	#0	QPSK	2010-2025	1000	2023.05	-84.84	-50	PASS
8	10	21500	50	#0	QPSK	2025-2110	1000	2094.615	-84.31	-30	PASS
8	10	21500	50	#0	QPSK	2110-2200	1000	2192.35	-84.41	-50	PASS
8	10	21500	50	#0	QPSK	2200-2300	1000	2265.3	-84.25	-30	PASS
8	10	21500	50	#0	QPSK	2300-2400	1000	2372.4	-83.23	-50	PASS
8	10	21500	50	#0	QPSK	2400-2570	1000	2517.47	-83.03	-30	PASS
8	10	21500	50	#0	QPSK	2570-2690	1000	2660.6	-82.59	-50	PASS
8	10	21500	50	#0	QPSK	2690-3400	1000	3170.67	-82.67	-30	PASS
8	10	21500	50	#0	QPSK	3400-3800	1000	3540.4	-80.18	-50	PASS
8	10	21500	50	#0	QPSK	3800-12750	1000	12622	-76.05	-30	PASS
8	10	21625	1	#0	QPSK	0.009-0.15	1	0.062721	-100.49	-36	PASS
8	10	21625	1	#0	QPSK	0.15-30	10	2.48	-94.84	-36	PASS
8	10	21625	1	#0	QPSK	30-462.5	100	452.5	-100.00	-36	PASS
8	10	21625	1	#0	QPSK	462.5-467.5	1000	464.33	-90.05	-50	PASS
8	10	21625	1	#0	QPSK	467.5-738	100	516.7	-81.78	-36	PASS
8	10	21625	1	#0	QPSK	738-821	1000	782.405	-88.45	-50	PASS
8	10	21625	1	#0	QPSK	821-880	100	875.516	-71.95	-36	PASS
8	10	21625	1	#0	QPSK	915-925	100	924.03	-97.78	-36	PASS
8	10	21625	1	#0	QPSK	925-960	1000	939.91	-81.71	-50	PASS
8	10	21625	1	#0	QPSK	960-1000	100	979.24	-97.55	-36	PASS
8	10	21625	1	#0	QPSK	1000-1452	1000	1439.344	-87.34	-30	PASS
8	10	21625	1	#0	QPSK	1452-1496	1000	1472.108	-87.28	-50	PASS
8	10	21625	1	#0	QPSK	1496-1805	1000	1786.151	-67.07	-30	PASS
8	10	21625	1	#0	QPSK	1805-1880	1000	1866.95	-86.08	-50	PASS
8	10	21625	1	#0	QPSK	1880-1900	1000	1883.5	-85.51	-30	PASS
8	10	21625	1	#0	QPSK	1900-1920	1000	1915.64	-85.00	-50	PASS
8	10	21625	1	#0	QPSK	1920-2010	1000	1940.97	-85.11	-30	PASS
8	10	21625	1	#0	QPSK	2010-2025	1000	2024.325	-85.06	-50	PASS
8	10	21625	1	#0	QPSK	2025-2110	1000	2105.665	-84.24	-30	PASS
8	10	21625	1	#0	QPSK	2110-2200	1000	2179.12	-83.99	-50	PASS
8	10	21625	1	#0	QPSK	2200-2300	1000	2249.5	-84.32	-30	PASS
8	10	21625	1	#0	QPSK	2300-2400	1000	2366.1	-83.66	-50	PASS
8	10	21625	1	#0	QPSK	2400-2570	1000	2545.86	-83.01	-30	PASS
8	10	21625	1	#0	QPSK	2570-2690	1000	2678.96	-69.16	-50	PASS
8	10	21625	1	#0	QPSK	2690-3400	1000	3182.03	-82.82	-30	PASS
8	10	21625	1	#0	QPSK	3400-3800	1000	3572.4	-72.69	-50	PASS
8	10	21625	1	#0	QPSK	3800-12750	1000	12747	-75.38	-30	PASS
8	10	21625	1	#Max	QPSK	0.009-0.15	1	0.063144	-99.23	-36	PASS
8	10	21625	1	#Max	QPSK	0.15-30	10	2.48	-97.23	-36	PASS

8	10	21625	1	#Max	QPSK	30-462.5	100	401	-100.19	-36	PASS
8	10	21625	1	#Max	QPSK	462.5-467.5	1000	464.62	-90.83	-50	PASS
8	10	21625	1	#Max	QPSK	467.5-738	100	504.9	-82.25	-36	PASS
8	10	21625	1	#Max	QPSK	738-821	1000	787.302	-88.90	-50	PASS
8	10	21625	1	#Max	QPSK	821-880	100	873.982	-91.92	-36	PASS
8	10	21625	1	#Max	QPSK	915-925	100	922.46	-97.29	-36	PASS
8	10	21625	1	#Max	QPSK	925-960	1000	940.05	-83.54	-50	PASS
8	10	21625	1	#Max	QPSK	960-1000	100	961.44	-98.21	-36	PASS
8	10	21625	1	#Max	QPSK	1000-1452	1000	1435.276	-87.01	-30	PASS
8	10	21625	1	#Max	QPSK	1452-1496	1000	1475.716	-86.87	-50	PASS
8	10	21625	1	#Max	QPSK	1496-1805	1000	1804.073	-68.79	-30	PASS
8	10	21625	1	#Max	QPSK	1805-1880	1000	1869.65	-85.81	-50	PASS
8	10	21625	1	#Max	QPSK	1880-1900	1000	1883.12	-85.80	-30	PASS
8	10	21625	1	#Max	QPSK	1900-1920	1000	1912.44	-85.12	-50	PASS
8	10	21625	1	#Max	QPSK	1920-2010	1000	1954.83	-84.82	-30	PASS
8	10	21625	1	#Max	QPSK	2010-2025	1000	2018.1	-84.41	-50	PASS
8	10	21625	1	#Max	QPSK	2025-2110	1000	2104.985	-84.60	-30	PASS
8	10	21625	1	#Max	QPSK	2110-2200	1000	2160.76	-84.04	-50	PASS
8	10	21625	1	#Max	QPSK	2200-2300	1000	2288.2	-83.86	-30	PASS
8	10	21625	1	#Max	QPSK	2300-2400	1000	2343.6	-83.65	-50	PASS
8	10	21625	1	#Max	QPSK	2400-2570	1000	2551.81	-82.83	-30	PASS
8	10	21625	1	#Max	QPSK	2570-2690	1000	2634.08	-82.41	-50	PASS
8	10	21625	1	#Max	QPSK	2690-3400	1000	2705.62	-76.87	-30	PASS
8	10	21625	1	#Max	QPSK	3400-3800	1000	3608	-75.13	-50	PASS
8	10	21625	1	#Max	QPSK	3800-12750	1000	12598	-75.82	-30	PASS
8	10	21625	50	#0	QPSK	0.009-0.15	1	0.06258	-101.10	-36	PASS
8	10	21625	50	#0	QPSK	0.15-30	10	2.53	-101.23	-36	PASS
8	10	21625	50	#0	QPSK	30-462.5	100	449.4	-99.76	-36	PASS
8	10	21625	50	#0	QPSK	462.5-467.5	1000	464.57	-90.63	-50	PASS
8	10	21625	50	#0	QPSK	467.5-738	100	733.7	-85.85	-36	PASS
8	10	21625	50	#0	QPSK	738-821	1000	779.002	-89.13	-50	PASS
8	10	21625	50	#0	QPSK	821-880	100	873.687	-71.20	-36	PASS
8	10	21625	50	#0	QPSK	915-925	100	916.05	-97.56	-36	PASS
8	10	21625	50	#0	QPSK	925-960	1000	941.485	-83.56	-50	PASS
8	10	21625	50	#0	QPSK	960-1000	100	973.92	-97.58	-36	PASS
8	10	21625	50	#0	QPSK	1000-1452	1000	1436.18	-87.61	-30	PASS
8	10	21625	50	#0	QPSK	1452-1496	1000	1484.296	-86.52	-50	PASS
8	10	21625	50	#0	QPSK	1496-1805	1000	1796.348	-76.51	-30	PASS
8	10	21625	50	#0	QPSK	1805-1880	1000	1845.575	-86.20	-50	PASS
8	10	21625	50	#0	QPSK	1880-1900	1000	1896	-86.17	-30	PASS
8	10	21625	50	#0	QPSK	1900-1920	1000	1910.52	-85.67	-50	PASS
8	10	21625	50	#0	QPSK	1920-2010	1000	1963.47	-85.50	-30	PASS

8	10	21625	50	#0	QPSK	2010-2025	1000	2010.855	-84.37	-50	PASS
8	10	21625	50	#0	QPSK	2025-2110	1000	2045.315	-83.89	-30	PASS
8	10	21625	50	#0	QPSK	2110-2200	1000	2151.67	-84.09	-50	PASS
8	10	21625	50	#0	QPSK	2200-2300	1000	2286.6	-83.35	-30	PASS
8	10	21625	50	#0	QPSK	2300-2400	1000	2383.5	-83.71	-50	PASS
8	10	21625	50	#0	QPSK	2400-2570	1000	2514.58	-82.25	-30	PASS
8	10	21625	50	#0	QPSK	2570-2690	1000	2687.6	-81.69	-50	PASS
8	10	21625	50	#0	QPSK	2690-3400	1000	3263.68	-82.47	-30	PASS
8	10	21625	50	#0	QPSK	3400-3800	1000	3590	-78.38	-50	PASS
8	10	21625	50	#0	QPSK	3800-12750	1000	12555	-76.17	-30	PASS
8	10	21750	1	#0	QPSK	0.009-0.15	1	0.025356	-99.87	-36	PASS
8	10	21750	1	#0	QPSK	0.15-30	10	2.53	-98.25	-36	PASS
8	10	21750	1	#0	QPSK	30-462.5	100	403.7	-100.15	-36	PASS
8	10	21750	1	#0	QPSK	462.5-467.5	1000	463.755	-90.57	-50	PASS
8	10	21750	1	#0	QPSK	467.5-738	100	500	-81.31	-36	PASS
8	10	21750	1	#0	QPSK	738-821	1000	812.783	-89.23	-50	PASS
8	10	21750	1	#0	QPSK	821-880	100	873.451	-92.79	-36	PASS
8	10	21750	1	#0	QPSK	915-925	100	918.86	-93.40	-36	PASS
8	10	21750	1	#0	QPSK	925-960	1000	952.405	-83.21	-50	PASS
8	10	21750	1	#0	QPSK	960-1000	100	976.36	-97.60	-36	PASS
8	10	21750	1	#0	QPSK	1000-1452	1000	1299.224	-86.25	-30	PASS
8	10	21750	1	#0	QPSK	1452-1496	1000	1462.824	-87.01	-50	PASS
8	10	21750	1	#0	QPSK	1496-1805	1000	1781.825	-87.01	-30	PASS
8	10	21750	1	#0	QPSK	1805-1880	1000	1811	-69.13	-50	PASS
8	10	21750	1	#0	QPSK	1880-1900	1000	1885.34	-84.88	-30	PASS
8	10	21750	1	#0	QPSK	1900-1920	1000	1901.18	-85.82	-50	PASS
8	10	21750	1	#0	QPSK	1920-2010	1000	1941.42	-85.26	-30	PASS
8	10	21750	1	#0	QPSK	2010-2025	1000	2023.62	-83.98	-50	PASS
8	10	21750	1	#0	QPSK	2025-2110	1000	2073.62	-84.18	-30	PASS
8	10	21750	1	#0	QPSK	2110-2200	1000	2168.77	-84.47	-50	PASS
8	10	21750	1	#0	QPSK	2200-2300	1000	2202.4	-84.15	-30	PASS
8	10	21750	1	#0	QPSK	2300-2400	1000	2383	-83.34	-50	PASS
8	10	21750	1	#0	QPSK	2400-2570	1000	2567.11	-82.35	-30	PASS
8	10	21750	1	#0	QPSK	2570-2690	1000	2640.44	-82.54	-50	PASS
8	10	21750	1	#0	QPSK	2690-3400	1000	2716.98	-75.92	-30	PASS
8	10	21750	1	#0	QPSK	3400-3800	1000	3622.8	-72.33	-50	PASS
8	10	21750	1	#0	QPSK	3800-12750	1000	12736	-75.77	-30	PASS
8	10	21750	1	#Max	QPSK	0.009-0.15	1	0.063144	-99.18	-36	PASS
8	10	21750	1	#Max	QPSK	0.15-30	10	2.48	-98.20	-36	PASS
8	10	21750	1	#Max	QPSK	30-462.5	100	451.3	-99.71	-36	PASS
8	10	21750	1	#Max	QPSK	462.5-467.5	1000	464.66	-90.23	-50	PASS
8	10	21750	1	#Max	QPSK	467.5-738	100	488.3	-80.86	-36	PASS

8	10	21750	1	#Max	QPSK	738-821	1000	774.603	-88.62	-50	PASS
8	10	21750	1	#Max	QPSK	821-880	100	873.923	-92.30	-36	PASS
8	10	21750	1	#Max	QPSK	915-925	100	915.13	-76.82	-36	PASS
8	10	21750	1	#Max	QPSK	925-960	1000	952.265	-83.30	-50	PASS
8	10	21750	1	#Max	QPSK	960-1000	100	966	-98.07	-36	PASS
8	10	21750	1	#Max	QPSK	1000-1452	1000	1370.64	-87.26	-30	PASS
8	10	21750	1	#Max	QPSK	1452-1496	1000	1481.832	-87.31	-50	PASS
8	10	21750	1	#Max	QPSK	1496-1805	1000	1789.55	-86.98	-30	PASS
8	10	21750	1	#Max	QPSK	1805-1880	1000	1829.225	-62.46	-50	PASS
8	10	21750	1	#Max	QPSK	1880-1900	1000	1898.9	-85.41	-30	PASS
8	10	21750	1	#Max	QPSK	1900-1920	1000	1907.98	-85.13	-50	PASS
8	10	21750	1	#Max	QPSK	1920-2010	1000	1929.81	-85.53	-30	PASS
8	10	21750	1	#Max	QPSK	2010-2025	1000	2018.34	-84.56	-50	PASS
8	10	21750	1	#Max	QPSK	2025-2110	1000	2038.43	-84.31	-30	PASS
8	10	21750	1	#Max	QPSK	2110-2200	1000	2174.26	-84.40	-50	PASS
8	10	21750	1	#Max	QPSK	2200-2300	1000	2289.5	-84.51	-30	PASS
8	10	21750	1	#Max	QPSK	2300-2400	1000	2338.5	-83.62	-50	PASS
8	10	21750	1	#Max	QPSK	2400-2570	1000	2446.24	-82.58	-30	PASS
8	10	21750	1	#Max	QPSK	2570-2690	1000	2687	-82.32	-50	PASS
8	10	21750	1	#Max	QPSK	2690-3400	1000	2743.25	-59.97	-30	PASS
8	10	21750	1	#Max	QPSK	3400-3800	1000	3658	-71.18	-50	PASS
8	10	21750	1	#Max	QPSK	3800-12750	1000	12270	-76.21	-30	PASS
8	10	21750	50	#0	QPSK	0.009-0.15	1	0.063003	-99.55	-36	PASS
8	10	21750	50	#0	QPSK	0.15-30	10	2.48	-98.96	-36	PASS
8	10	21750	50	#0	QPSK	30-462.5	100	460.3	-100.25	-36	PASS
8	10	21750	50	#0	QPSK	462.5-467.5	1000	463.745	-89.73	-50	PASS
8	10	21750	50	#0	QPSK	467.5-738	100	736.9	-86.06	-36	PASS
8	10	21750	50	#0	QPSK	738-821	1000	783.069	-89.13	-50	PASS
8	10	21750	50	#0	QPSK	821-880	100	873.215	-73.65	-36	PASS
8	10	21750	50	#0	QPSK	915-925	100	917.54	-87.18	-36	PASS
8	10	21750	50	#0	QPSK	925-960	1000	952.195	-83.03	-50	PASS
8	10	21750	50	#0	QPSK	960-1000	100	977.64	-98.05	-36	PASS
8	10	21750	50	#0	QPSK	1000-1452	1000	1384.652	-87.40	-30	PASS
8	10	21750	50	#0	QPSK	1452-1496	1000	1488.08	-87.16	-50	PASS
8	10	21750	50	#0	QPSK	1496-1805	1000	1761.122	-86.57	-30	PASS
8	10	21750	50	#0	QPSK	1805-1880	1000	1821.65	-72.89	-50	PASS
8	10	21750	50	#0	QPSK	1880-1900	1000	1894.2	-86.15	-30	PASS
8	10	21750	50	#0	QPSK	1900-1920	1000	1911.54	-85.93	-50	PASS
8	10	21750	50	#0	QPSK	1920-2010	1000	1968.69	-85.30	-30	PASS
8	10	21750	50	#0	QPSK	2010-2025	1000	2014.365	-84.20	-50	PASS
8	10	21750	50	#0	QPSK	2025-2110	1000	2044.55	-84.46	-30	PASS
8	10	21750	50	#0	QPSK	2110-2200	1000	2152.75	-83.73	-50	PASS



8	10	21750	50	#0	QPSK	2200-2300	1000	2268.3	-84.19	-30	PASS
8	10	21750	50	#0	QPSK	2300-2400	1000	2370.8	-83.48	-50	PASS
8	10	21750	50	#0	QPSK	2400-2570	1000	2469.36	-82.55	-30	PASS
8	10	21750	50	#0	QPSK	2570-2690	1000	2571.2	-82.52	-50	PASS
8	10	21750	50	#0	QPSK	2690-3400	1000	2736.15	-74.04	-30	PASS
8	10	21750	50	#0	QPSK	3400-3800	1000	3640	-75.81	-50	PASS
8	10	21750	50	#0	QPSK	3800-12750	1000	12195	-76.43	-30	PASS
20	5	24175	1	#0	QPSK	0.009-0.15	1	0.063003	-98.58	-36	PASS
20	5	24175	1	#0	QPSK	0.15-30	10	0.19	-100.04	-36	PASS
20	5	24175	1	#0	QPSK	30-462.5	100	381.2	-100.11	-36	PASS
20	5	24175	1	#0	QPSK	462.5-467.5	1000	466.345	-90.82	-50	PASS
20	5	24175	1	#0	QPSK	467.5-738	100	736.6	-99.70	-36	PASS
20	5	24175	1	#0	QPSK	738-788	1000	753.55	-88.98	-50	PASS
20	5	24175	1	#0	QPSK	788-791	100	790.337	-98.23	-36	PASS
20	5	24175	1	#0	QPSK	791-821	1000	793.25	-84.55	-50	PASS
20	5	24175	1	#0	QPSK	821-822	100	821.446	-94.54	-36	PASS
20	5	24175	1	#0	QPSK	862-925	100	871.324	-72.63	-36	PASS
20	5	24175	1	#0	QPSK	925-960	1000	947.75	-88.95	-50	PASS
20	5	24175	1	#0	QPSK	960-1000	100	998.64	-97.68	-36	PASS
20	5	24175	1	#0	QPSK	1000-1452	1000	1292.896	-87.34	-30	PASS
20	5	24175	1	#0	QPSK	1452-1496	1000	1459.392	-87.45	-50	PASS
20	5	24175	1	#0	QPSK	1496-1805	1000	1664.714	-80.73	-30	PASS
20	5	24175	1	#0	QPSK	1805-1880	1000	1831.85	-86.29	-50	PASS
20	5	24175	1	#0	QPSK	1880-1900	1000	1890.86	-85.81	-30	PASS
20	5	24175	1	#0	QPSK	1900-1920	1000	1908.22	-86.35	-50	PASS
20	5	24175	1	#0	QPSK	1920-2010	1000	1991.01	-85.54	-30	PASS
20	5	24175	1	#0	QPSK	2010-2025	1000	2023.47	-83.80	-50	PASS
20	5	24175	1	#0	QPSK	2025-2110	1000	2066.395	-83.92	-30	PASS
20	5	24175	1	#0	QPSK	2110-2200	1000	2151.85	-84.08	-50	PASS
20	5	24175	1	#0	QPSK	2200-2300	1000	2291.6	-83.77	-30	PASS
20	5	24175	1	#0	QPSK	2300-2400	1000	2396.9	-83.66	-50	PASS
20	5	24175	1	#0	QPSK	2400-2570	1000	2496.9	-74.81	-30	PASS
20	5	24175	1	#0	QPSK	2570-2690	1000	2590.64	-82.78	-50	PASS
20	5	24175	1	#0	QPSK	2690-3400	1000	2748.22	-82.63	-30	PASS
20	5	24175	1	#0	QPSK	3400-3800	1000	3685.6	-81.90	-50	PASS
20	5	24175	1	#0	QPSK	3800-12750	1000	12620	-75.73	-30	PASS
20	5	24175	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.40	-36	PASS
20	5	24175	1	#Max	QPSK	0.15-30	10	0.18	-99.04	-36	PASS
20	5	24175	1	#Max	QPSK	30-462.5	100	432.1	-99.86	-36	PASS
20	5	24175	1	#Max	QPSK	462.5-467.5	1000	464.43	-91.14	-50	PASS
20	5	24175	1	#Max	QPSK	467.5-738	100	736.1	-99.43	-36	PASS
20	5	24175	1	#Max	QPSK	738-788	1000	779.55	-89.33	-50	PASS



20	5	24175	1	#Max	QPSK	788-791	100	789.839	-97.80	-36	PASS
20	5	24175	1	#Max	QPSK	791-821	1000	793.22	-85.80	-50	PASS
20	5	24175	1	#Max	QPSK	821-822	100	821.554	-93.42	-36	PASS
20	5	24175	1	#Max	QPSK	862-925	100	875.041	-93.36	-36	PASS
20	5	24175	1	#Max	QPSK	925-960	1000	959.405	-88.73	-50	PASS
20	5	24175	1	#Max	QPSK	960-1000	100	990.6	-98.62	-36	PASS
20	5	24175	1	#Max	QPSK	1000-1452	1000	1439.796	-87.31	-30	PASS
20	5	24175	1	#Max	QPSK	1452-1496	1000	1493.756	-87.42	-50	PASS
20	5	24175	1	#Max	QPSK	1496-1805	1000	1673.366	-73.57	-30	PASS
20	5	24175	1	#Max	QPSK	1805-1880	1000	1836.275	-85.50	-50	PASS
20	5	24175	1	#Max	QPSK	1880-1900	1000	1885.88	-86.35	-30	PASS
20	5	24175	1	#Max	QPSK	1900-1920	1000	1908.78	-86.09	-50	PASS
20	5	24175	1	#Max	QPSK	1920-2010	1000	1960.14	-85.21	-30	PASS
20	5	24175	1	#Max	QPSK	2010-2025	1000	2023.11	-83.91	-50	PASS
20	5	24175	1	#Max	QPSK	2025-2110	1000	2091.13	-84.28	-30	PASS
20	5	24175	1	#Max	QPSK	2110-2200	1000	2155.09	-84.14	-50	PASS
20	5	24175	1	#Max	QPSK	2200-2300	1000	2256.5	-83.69	-30	PASS
20	5	24175	1	#Max	QPSK	2300-2400	1000	2346.1	-83.32	-50	PASS
20	5	24175	1	#Max	QPSK	2400-2570	1000	2510.16	-65.35	-30	PASS
20	5	24175	1	#Max	QPSK	2570-2690	1000	2676.92	-82.04	-50	PASS
20	5	24175	1	#Max	QPSK	2690-3400	1000	3340.36	-82.48	-30	PASS
20	5	24175	1	#Max	QPSK	3400-3800	1000	3639.6	-82.61	-50	PASS
20	5	24175	1	#Max	QPSK	3800-12750	1000	12650	-76.35	-30	PASS
20	5	24175	25	#0	QPSK	0.009-0.15	1	0.06258	-100.12	-36	PASS
20	5	24175	25	#0	QPSK	0.15-30	10	0.16	-99.14	-36	PASS
20	5	24175	25	#0	QPSK	30-462.5	100	460.5	-100.02	-36	PASS
20	5	24175	25	#0	QPSK	462.5-467.5	1000	466.39	-90.67	-50	PASS
20	5	24175	25	#0	QPSK	467.5-738	100	736.5	-99.62	-36	PASS
20	5	24175	25	#0	QPSK	738-788	1000	762.85	-89.02	-50	PASS
20	5	24175	25	#0	QPSK	788-791	100	788.261	-98.37	-36	PASS
20	5	24175	25	#0	QPSK	791-821	1000	794.9	-85.48	-50	PASS
20	5	24175	25	#0	QPSK	821-822	100	821.121	-94.65	-36	PASS
20	5	24175	25	#0	QPSK	862-925	100	871.135	-94.14	-36	PASS
20	5	24175	25	#0	QPSK	925-960	1000	946.35	-89.13	-50	PASS
20	5	24175	25	#0	QPSK	960-1000	100	975.92	-98.51	-36	PASS
20	5	24175	25	#0	QPSK	1000-1452	1000	1313.688	-87.75	-30	PASS
20	5	24175	25	#0	QPSK	1452-1496	1000	1492.348	-87.32	-50	PASS
20	5	24175	25	#0	QPSK	1496-1805	1000	1672.439	-84.02	-30	PASS
20	5	24175	25	#0	QPSK	1805-1880	1000	1836.275	-85.73	-50	PASS
20	5	24175	25	#0	QPSK	1880-1900	1000	1896.54	-85.75	-30	PASS
20	5	24175	25	#0	QPSK	1900-1920	1000	1912.92	-85.57	-50	PASS
20	5	24175	25	#0	QPSK	1920-2010	1000	1959.24	-85.05	-30	PASS

20	5	24175	25	#0	QPSK	2010-2025	1000	2024.265	-84.53	-50	PASS
20	5	24175	25	#0	QPSK	2025-2110	1000	2049.82	-84.51	-30	PASS
20	5	24175	25	#0	QPSK	2110-2200	1000	2172.64	-83.98	-50	PASS
20	5	24175	25	#0	QPSK	2200-2300	1000	2285	-83.91	-30	PASS
20	5	24175	25	#0	QPSK	2300-2400	1000	2348.6	-83.57	-50	PASS
20	5	24175	25	#0	QPSK	2400-2570	1000	2508.12	-77.18	-30	PASS
20	5	24175	25	#0	QPSK	2570-2690	1000	2661.56	-82.26	-50	PASS
20	5	24175	25	#0	QPSK	2690-3400	1000	3146.53	-82.26	-30	PASS
20	5	24175	25	#0	QPSK	3400-3800	1000	3633.2	-81.94	-50	PASS
20	5	24175	25	#0	QPSK	3800-12750	1000	12604	-76.33	-30	PASS
20	5	24300	1	#0	QPSK	0.009-0.15	1	0.062862	-98.78	-36	PASS
20	5	24300	1	#0	QPSK	0.15-30	10	0.18	-100.05	-36	PASS
20	5	24300	1	#0	QPSK	30-462.5	100	455.7	-100.21	-36	PASS
20	5	24300	1	#0	QPSK	462.5-467.5	1000	464.445	-90.60	-50	PASS
20	5	24300	1	#0	QPSK	467.5-738	100	625.5	-99.48	-36	PASS
20	5	24300	1	#0	QPSK	738-788	1000	785.5	-89.31	-50	PASS
20	5	24300	1	#0	QPSK	788-791	100	789.185	-98.43	-36	PASS
20	5	24300	1	#0	QPSK	791-821	1000	806.69	-84.58	-50	PASS
20	5	24300	1	#0	QPSK	821-832	100	825.642	-97.30	-36	PASS
20	5	24300	1	#0	QPSK	862-925	100	873.34	-91.07	-36	PASS
20	5	24300	1	#0	QPSK	925-960	1000	937.355	-88.64	-50	PASS
20	5	24300	1	#0	QPSK	960-1000	100	995.56	-98.69	-36	PASS
20	5	24300	1	#0	QPSK	1000-1452	1000	1438.44	-87.17	-30	PASS
20	5	24300	1	#0	QPSK	1452-1496	1000	1471.712	-87.65	-50	PASS
20	5	24300	1	#0	QPSK	1496-1805	1000	1689.743	-77.47	-30	PASS
20	5	24300	1	#0	QPSK	1805-1880	1000	1848.875	-85.86	-50	PASS
20	5	24300	1	#0	QPSK	1880-1900	1000	1881.98	-85.91	-30	PASS
20	5	24300	1	#0	QPSK	1900-1920	1000	1918.52	-86.04	-50	PASS
20	5	24300	1	#0	QPSK	1920-2010	1000	1941.15	-84.09	-30	PASS
20	5	24300	1	#0	QPSK	2010-2025	1000	2020.56	-84.73	-50	PASS
20	5	24300	1	#0	QPSK	2025-2110	1000	2073.62	-84.16	-30	PASS
20	5	24300	1	#0	QPSK	2110-2200	1000	2165.44	-83.92	-50	PASS
20	5	24300	1	#0	QPSK	2200-2300	1000	2202.8	-83.65	-30	PASS
20	5	24300	1	#0	QPSK	2300-2400	1000	2320.2	-83.09	-50	PASS
20	5	24300	1	#0	QPSK	2400-2570	1000	2534.64	-64.14	-30	PASS
20	5	24300	1	#0	QPSK	2570-2690	1000	2681.36	-82.61	-50	PASS
20	5	24300	1	#0	QPSK	2690-3400	1000	3309.83	-81.98	-30	PASS
20	5	24300	1	#0	QPSK	3400-3800	1000	3614.8	-82.07	-50	PASS
20	5	24300	1	#0	QPSK	3800-12750	1000	12696	-76.17	-30	PASS
20	5	24300	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.78	-36	PASS
20	5	24300	1	#Max	QPSK	0.15-30	10	2.48	-97.57	-36	PASS
20	5	24300	1	#Max	QPSK	30-462.5	100	450.3	-100.35	-36	PASS

20	5	24300	1	#Max	QPSK	462.5-467.5	1000	465.27	-90.96	-50	PASS
20	5	24300	1	#Max	QPSK	467.5-738	100	700.8	-99.51	-36	PASS
20	5	24300	1	#Max	QPSK	738-788	1000	754.8	-89.67	-50	PASS
20	5	24300	1	#Max	QPSK	788-791	100	789.323	-97.72	-36	PASS
20	5	24300	1	#Max	QPSK	791-821	1000	807.56	-84.97	-50	PASS
20	5	24300	1	#Max	QPSK	821-832	100	831.824	-97.55	-36	PASS
20	5	24300	1	#Max	QPSK	862-925	100	873.277	-92.86	-36	PASS
20	5	24300	1	#Max	QPSK	925-960	1000	928.185	-89.15	-50	PASS
20	5	24300	1	#Max	QPSK	960-1000	100	978.4	-98.47	-36	PASS
20	5	24300	1	#Max	QPSK	1000-1452	1000	1357.08	-87.29	-30	PASS
20	5	24300	1	#Max	QPSK	1452-1496	1000	1479.984	-87.20	-50	PASS
20	5	24300	1	#Max	QPSK	1496-1805	1000	1698.395	-82.35	-30	PASS
20	5	24300	1	#Max	QPSK	1805-1880	1000	1815.2	-85.59	-50	PASS
20	5	24300	1	#Max	QPSK	1880-1900	1000	1883.64	-85.89	-30	PASS
20	5	24300	1	#Max	QPSK	1900-1920	1000	1914	-85.65	-50	PASS
20	5	24300	1	#Max	QPSK	1920-2010	1000	2008.74	-85.45	-30	PASS
20	5	24300	1	#Max	QPSK	2010-2025	1000	2022.81	-83.88	-50	PASS
20	5	24300	1	#Max	QPSK	2025-2110	1000	2028.485	-84.50	-30	PASS
20	5	24300	1	#Max	QPSK	2110-2200	1000	2163.82	-84.40	-50	PASS
20	5	24300	1	#Max	QPSK	2200-2300	1000	2257.9	-84.32	-30	PASS
20	5	24300	1	#Max	QPSK	2300-2400	1000	2307.1	-83.78	-50	PASS
20	5	24300	1	#Max	QPSK	2400-2570	1000	2547.05	-72.18	-30	PASS
20	5	24300	1	#Max	QPSK	2570-2690	1000	2654.36	-82.34	-50	PASS
20	5	24300	1	#Max	QPSK	2690-3400	1000	2715.56	-82.52	-30	PASS
20	5	24300	1	#Max	QPSK	3400-3800	1000	3632	-82.57	-50	PASS
20	5	24300	1	#Max	QPSK	3800-12750	1000	12611	-76.35	-30	PASS
20	5	24300	25	#0	QPSK	0.009-0.15	1	0.063003	-99.21	-36	PASS
20	5	24300	25	#0	QPSK	0.15-30	10	2.53	-99.46	-36	PASS
20	5	24300	25	#0	QPSK	30-462.5	100	426.2	-100.12	-36	PASS
20	5	24300	25	#0	QPSK	462.5-467.5	1000	465.77	-90.24	-50	PASS
20	5	24300	25	#0	QPSK	467.5-738	100	705.4	-99.33	-36	PASS
20	5	24300	25	#0	QPSK	738-788	1000	778.95	-89.12	-50	PASS
20	5	24300	25	#0	QPSK	788-791	100	788.114	-98.50	-36	PASS
20	5	24300	25	#0	QPSK	791-821	1000	805.55	-84.36	-50	PASS
20	5	24300	25	#0	QPSK	821-832	100	822.947	-98.21	-36	PASS
20	5	24300	25	#0	QPSK	862-925	100	873.025	-86.03	-36	PASS
20	5	24300	25	#0	QPSK	925-960	1000	933.785	-89.22	-50	PASS
20	5	24300	25	#0	QPSK	960-1000	100	994.56	-98.46	-36	PASS
20	5	24300	25	#0	QPSK	1000-1452	1000	1402.732	-86.95	-30	PASS
20	5	24300	25	#0	QPSK	1452-1496	1000	1468.016	-87.53	-50	PASS
20	5	24300	25	#0	QPSK	1496-1805	1000	1778.426	-86.17	-30	PASS
20	5	24300	25	#0	QPSK	1805-1880	1000	1824.2	-85.91	-50	PASS

20	5	24300	25	#0	QPSK	1880-1900	1000	1895.12	-86.17	-30	PASS
20	5	24300	25	#0	QPSK	1900-1920	1000	1905.34	-85.76	-50	PASS
20	5	24300	25	#0	QPSK	1920-2010	1000	1986.24	-85.24	-30	PASS
20	5	24300	25	#0	QPSK	2010-2025	1000	2019.405	-84.26	-50	PASS
20	5	24300	25	#0	QPSK	2025-2110	1000	2095.295	-84.31	-30	PASS
20	5	24300	25	#0	QPSK	2110-2200	1000	2134.39	-84.38	-50	PASS
20	5	24300	25	#0	QPSK	2200-2300	1000	2230.3	-83.67	-30	PASS
20	5	24300	25	#0	QPSK	2300-2400	1000	2320.2	-83.45	-50	PASS
20	5	24300	25	#0	QPSK	2400-2570	1000	2536.85	-73.88	-30	PASS
20	5	24300	25	#0	QPSK	2570-2690	1000	2654	-82.88	-50	PASS
20	5	24300	25	#0	QPSK	2690-3400	1000	3197.65	-82.46	-30	PASS
20	5	24300	25	#0	QPSK	3400-3800	1000	3667.6	-82.44	-50	PASS
20	5	24300	25	#0	QPSK	3800-12750	1000	12638	-75.73	-30	PASS
20	5	24425	1	#0	QPSK	0.009-0.15	1	0.062862	-97.56	-36	PASS
20	5	24425	1	#0	QPSK	0.15-30	10	2.48	-96.77	-36	PASS
20	5	24425	1	#0	QPSK	30-462.5	100	435.6	-99.80	-36	PASS
20	5	24425	1	#0	QPSK	462.5-467.5	1000	465.54	-90.17	-50	PASS
20	5	24425	1	#0	QPSK	467.5-738	100	725.7	-99.64	-36	PASS
20	5	24425	1	#0	QPSK	738-788	1000	773.15	-88.36	-50	PASS
20	5	24425	1	#0	QPSK	788-791	100	790.064	-98.35	-36	PASS
20	5	24425	1	#0	QPSK	791-821	1000	818.36	-87.12	-50	PASS
20	5	24425	1	#0	QPSK	821-832	100	829.393	-98.70	-36	PASS
20	5	24425	1	#0	QPSK	872-925	100	874.65	-77.47	-36	PASS
20	5	24425	1	#0	QPSK	925-960	1000	936.025	-89.06	-50	PASS
20	5	24425	1	#0	QPSK	960-1000	100	989.84	-98.12	-36	PASS
20	5	24425	1	#0	QPSK	1000-1452	1000	1310.524	-87.56	-30	PASS
20	5	24425	1	#0	QPSK	1452-1496	1000	1482.36	-87.43	-50	PASS
20	5	24425	1	#0	QPSK	1496-1805	1000	1767.92	-86.52	-30	PASS
20	5	24425	1	#0	QPSK	1805-1880	1000	1853.45	-85.51	-50	PASS
20	5	24425	1	#0	QPSK	1880-1900	1000	1883.98	-85.15	-30	PASS
20	5	24425	1	#0	QPSK	1900-1920	1000	1908.56	-86.35	-50	PASS
20	5	24425	1	#0	QPSK	1920-2010	1000	1986.6	-85.16	-30	PASS
20	5	24425	1	#0	QPSK	2010-2025	1000	2021.925	-84.52	-50	PASS
20	5	24425	1	#0	QPSK	2025-2110	1000	2050.33	-84.37	-30	PASS
20	5	24425	1	#0	QPSK	2110-2200	1000	2158.33	-84.25	-50	PASS
20	5	24425	1	#0	QPSK	2200-2300	1000	2289.2	-83.93	-30	PASS
20	5	24425	1	#0	QPSK	2300-2400	1000	2393.3	-83.50	-50	PASS
20	5	24425	1	#0	QPSK	2400-2570	1000	2554.02	-82.60	-30	PASS
20	5	24425	1	#0	QPSK	2570-2690	1000	2572.28	-64.35	-50	PASS
20	5	24425	1	#0	QPSK	2690-3400	1000	3326.87	-82.68	-30	PASS
20	5	24425	1	#0	QPSK	3400-3800	1000	3648	-82.84	-50	PASS
20	5	24425	1	#0	QPSK	3800-12750	1000	12254	-76.20	-30	PASS

20	5	24425	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.47	-36	PASS
20	5	24425	1	#Max	QPSK	0.15-30	10	2.48	-99.79	-36	PASS
20	5	24425	1	#Max	QPSK	30-462.5	100	414.4	-100.14	-36	PASS
20	5	24425	1	#Max	QPSK	462.5-467.5	1000	466.66	-90.80	-50	PASS
20	5	24425	1	#Max	QPSK	467.5-738	100	735.5	-98.78	-36	PASS
20	5	24425	1	#Max	QPSK	738-788	1000	752.85	-89.00	-50	PASS
20	5	24425	1	#Max	QPSK	788-791	100	790.616	-98.68	-36	PASS
20	5	24425	1	#Max	QPSK	791-821	1000	820.04	-87.90	-50	PASS
20	5	24425	1	#Max	QPSK	821-832	100	828.909	-98.50	-36	PASS
20	5	24425	1	#Max	QPSK	872-925	100	872.318	-84.79	-36	PASS
20	5	24425	1	#Max	QPSK	925-960	1000	929.48	-89.17	-50	PASS
20	5	24425	1	#Max	QPSK	960-1000	100	984.48	-98.43	-36	PASS
20	5	24425	1	#Max	QPSK	1000-1452	1000	1275.268	-87.38	-30	PASS
20	5	24425	1	#Max	QPSK	1452-1496	1000	1476.376	-87.30	-50	PASS
20	5	24425	1	#Max	QPSK	1496-1805	1000	1723.424	-76.02	-30	PASS
20	5	24425	1	#Max	QPSK	1805-1880	1000	1836.05	-86.09	-50	PASS
20	5	24425	1	#Max	QPSK	1880-1900	1000	1894.92	-85.90	-30	PASS
20	5	24425	1	#Max	QPSK	1900-1920	1000	1911.02	-85.62	-50	PASS
20	5	24425	1	#Max	QPSK	1920-2010	1000	1997.67	-85.17	-30	PASS
20	5	24425	1	#Max	QPSK	2010-2025	1000	2017.065	-85.02	-50	PASS
20	5	24425	1	#Max	QPSK	2025-2110	1000	2084.16	-84.56	-30	PASS
20	5	24425	1	#Max	QPSK	2110-2200	1000	2160.4	-84.03	-50	PASS
20	5	24425	1	#Max	QPSK	2200-2300	1000	2227.2	-84.13	-30	PASS
20	5	24425	1	#Max	QPSK	2300-2400	1000	2394.1	-83.12	-50	PASS
20	5	24425	1	#Max	QPSK	2400-2570	1000	2550.96	-82.88	-30	PASS
20	5	24425	1	#Max	QPSK	2570-2690	1000	2585.12	-72.22	-50	PASS
20	5	24425	1	#Max	QPSK	2690-3400	1000	3191.26	-81.88	-30	PASS
20	5	24425	1	#Max	QPSK	3400-3800	1000	3624	-81.92	-50	PASS
20	5	24425	1	#Max	QPSK	3800-12750	1000	12584	-76.15	-30	PASS
20	5	24425	25	#0	QPSK	0.009-0.15	1	0.062862	-99.21	-36	PASS
20	5	24425	25	#0	QPSK	0.15-30	10	0.16	-99.32	-36	PASS
20	5	24425	25	#0	QPSK	30-462.5	100	452.6	-100.17	-36	PASS
20	5	24425	25	#0	QPSK	462.5-467.5	1000	464.21	-91.00	-50	PASS
20	5	24425	25	#0	QPSK	467.5-738	100	734.3	-99.35	-36	PASS
20	5	24425	25	#0	QPSK	738-788	1000	770.8	-89.14	-50	PASS
20	5	24425	25	#0	QPSK	788-791	100	790.553	-98.61	-36	PASS
20	5	24425	25	#0	QPSK	791-821	1000	819.14	-87.73	-50	PASS
20	5	24425	25	#0	QPSK	821-832	100	823.376	-98.02	-36	PASS
20	5	24425	25	#0	QPSK	872-925	100	872.53	-69.31	-36	PASS
20	5	24425	25	#0	QPSK	925-960	1000	938.09	-88.73	-50	PASS
20	5	24425	25	#0	QPSK	960-1000	100	979.8	-98.39	-36	PASS
20	5	24425	25	#0	QPSK	1000-1452	1000	1168.596	-87.35	-30	PASS

20	5	24425	25	#0	QPSK	1452-1496	1000	1489.576	-86.86	-50	PASS
20	5	24425	25	#0	QPSK	1496-1805	1000	1738.256	-86.27	-30	PASS
20	5	24425	25	#0	QPSK	1805-1880	1000	1848.05	-85.55	-50	PASS
20	5	24425	25	#0	QPSK	1880-1900	1000	1885.98	-85.51	-30	PASS
20	5	24425	25	#0	QPSK	1900-1920	1000	1918.66	-85.15	-50	PASS
20	5	24425	25	#0	QPSK	1920-2010	1000	1940.34	-85.12	-30	PASS
20	5	24425	25	#0	QPSK	2010-2025	1000	2018.13	-84.71	-50	PASS
20	5	24425	25	#0	QPSK	2025-2110	1000	2071.24	-84.23	-30	PASS
20	5	24425	25	#0	QPSK	2110-2200	1000	2194.06	-84.31	-50	PASS
20	5	24425	25	#0	QPSK	2200-2300	1000	2243.8	-83.89	-30	PASS
20	5	24425	25	#0	QPSK	2300-2400	1000	2380.4	-83.48	-50	PASS
20	5	24425	25	#0	QPSK	2400-2570	1000	2558.1	-82.66	-30	PASS
20	5	24425	25	#0	QPSK	2570-2690	1000	2576.36	-76.35	-50	PASS
20	5	24425	25	#0	QPSK	2690-3400	1000	3277.88	-82.34	-30	PASS
20	5	24425	25	#0	QPSK	3400-3800	1000	3667.6	-81.41	-50	PASS
20	5	24425	25	#0	QPSK	3800-12750	1000	12600	-76.01	-30	PASS
20	20	24250	1	#0	QPSK	0.009-0.15	1	0.063003	-99.11	-36	PASS
20	20	24250	1	#0	QPSK	0.15-30	10	0.17	-99.47	-36	PASS
20	20	24250	1	#0	QPSK	30-462.5	100	422.7	-100.03	-36	PASS
20	20	24250	1	#0	QPSK	462.5-467.5	1000	464.53	-90.85	-50	PASS
20	20	24250	1	#0	QPSK	467.5-738	100	732.9	-99.78	-36	PASS
20	20	24250	1	#0	QPSK	738-788	1000	787.35	-89.29	-50	PASS
20	20	24250	1	#0	QPSK	788-791	100	789.671	-98.53	-36	PASS
20	20	24250	1	#0	QPSK	791-821	1000	807.05	-84.53	-50	PASS
20	20	24250	1	#0	QPSK	821-832	100	823.343	-93.56	-36	PASS
20	20	24250	1	#0	QPSK	862-925	100	868.804	-59.59	-36	PASS
20	20	24250	1	#0	QPSK	925-960	1000	934.345	-89.06	-50	PASS
20	20	24250	1	#0	QPSK	960-1000	100	978.36	-98.18	-36	PASS
20	20	24250	1	#0	QPSK	1000-1452	1000	1444.316	-87.37	-30	PASS
20	20	24250	1	#0	QPSK	1452-1496	1000	1481.48	-87.29	-50	PASS
20	20	24250	1	#0	QPSK	1496-1805	1000	1666.259	-77.68	-30	PASS
20	20	24250	1	#0	QPSK	1805-1880	1000	1821.2	-85.84	-50	PASS
20	20	24250	1	#0	QPSK	1880-1900	1000	1891.72	-85.78	-30	PASS
20	20	24250	1	#0	QPSK	1900-1920	1000	1916.66	-85.83	-50	PASS
20	20	24250	1	#0	QPSK	1920-2010	1000	1964.91	-85.19	-30	PASS
20	20	24250	1	#0	QPSK	2010-2025	1000	2017.5	-84.61	-50	PASS
20	20	24250	1	#0	QPSK	2025-2110	1000	2096.91	-84.42	-30	PASS
20	20	24250	1	#0	QPSK	2110-2200	1000	2197.93	-83.83	-50	PASS
20	20	24250	1	#0	QPSK	2200-2300	1000	2262.1	-83.95	-30	PASS
20	20	24250	1	#0	QPSK	2300-2400	1000	2330.3	-83.86	-50	PASS
20	20	24250	1	#0	QPSK	2400-2570	1000	2499.28	-70.87	-30	PASS
20	20	24250	1	#0	QPSK	2570-2690	1000	2688.44	-82.28	-50	PASS

20	20	24250	1	#0	QPSK	2690-3400	1000	3052.1	-82.86	-30	PASS
20	20	24250	1	#0	QPSK	3400-3800	1000	3718.4	-81.99	-50	PASS
20	20	24250	1	#0	QPSK	3800-12750	1000	12641	-75.94	-30	PASS
20	20	24250	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.31	-36	PASS
20	20	24250	1	#Max	QPSK	0.15-30	10	2.44	-98.93	-36	PASS
20	20	24250	1	#Max	QPSK	30-462.5	100	389.3	-100.58	-36	PASS
20	20	24250	1	#Max	QPSK	462.5-467.5	1000	463.29	-90.71	-50	PASS
20	20	24250	1	#Max	QPSK	467.5-738	100	731.7	-99.66	-36	PASS
20	20	24250	1	#Max	QPSK	738-788	1000	742.05	-89.19	-50	PASS
20	20	24250	1	#Max	QPSK	788-791	100	789.782	-97.80	-36	PASS
20	20	24250	1	#Max	QPSK	791-821	1000	805.85	-85.00	-50	PASS
20	20	24250	1	#Max	QPSK	821-832	100	830.053	-93.71	-36	PASS
20	20	24250	1	#Max	QPSK	862-925	100	871.387	-81.13	-36	PASS
20	20	24250	1	#Max	QPSK	925-960	1000	953.84	-88.61	-50	PASS
20	20	24250	1	#Max	QPSK	960-1000	100	964.04	-98.31	-36	PASS
20	20	24250	1	#Max	QPSK	1000-1452	1000	1324.084	-86.89	-30	PASS
20	20	24250	1	#Max	QPSK	1452-1496	1000	1478.928	-87.52	-50	PASS
20	20	24250	1	#Max	QPSK	1496-1805	1000	1701.794	-80.91	-30	PASS
20	20	24250	1	#Max	QPSK	1805-1880	1000	1870.925	-86.27	-50	PASS
20	20	24250	1	#Max	QPSK	1880-1900	1000	1888.06	-86.01	-30	PASS
20	20	24250	1	#Max	QPSK	1900-1920	1000	1915.76	-86.06	-50	PASS
20	20	24250	1	#Max	QPSK	1920-2010	1000	1969.77	-85.23	-30	PASS
20	20	24250	1	#Max	QPSK	2010-2025	1000	2016.735	-84.75	-50	PASS
20	20	24250	1	#Max	QPSK	2025-2110	1000	2087.815	-84.53	-30	PASS
20	20	24250	1	#Max	QPSK	2110-2200	1000	2138.26	-84.05	-50	PASS
20	20	24250	1	#Max	QPSK	2200-2300	1000	2273.7	-83.59	-30	PASS
20	20	24250	1	#Max	QPSK	2300-2400	1000	2321.4	-83.72	-50	PASS
20	20	24250	1	#Max	QPSK	2400-2570	1000	2552.49	-77.54	-30	PASS
20	20	24250	1	#Max	QPSK	2570-2690	1000	2574.2	-82.54	-50	PASS
20	20	24250	1	#Max	QPSK	2690-3400	1000	3162.86	-82.59	-30	PASS
20	20	24250	1	#Max	QPSK	3400-3800	1000	3668.8	-81.62	-50	PASS
20	20	24250	1	#Max	QPSK	3800-12750	1000	12623	-76.62	-30	PASS
20	20	24250	100	#0	QPSK	0.009-0.15	1	0.063003	-99.05	-36	PASS
20	20	24250	100	#0	QPSK	0.15-30	10	2.48	-98.48	-36	PASS
20	20	24250	100	#0	QPSK	30-462.5	100	440.5	-100.40	-36	PASS
20	20	24250	100	#0	QPSK	462.5-467.5	1000	465.035	-90.93	-50	PASS
20	20	24250	100	#0	QPSK	467.5-738	100	733.2	-99.84	-36	PASS
20	20	24250	100	#0	QPSK	738-788	1000	778.9	-88.94	-50	PASS
20	20	24250	100	#0	QPSK	788-791	100	790.562	-98.32	-36	PASS
20	20	24250	100	#0	QPSK	791-821	1000	819.62	-81.91	-50	PASS
20	20	24250	100	#0	QPSK	821-832	100	824.465	-93.88	-36	PASS
20	20	24250	100	#0	QPSK	862-925	100	871.954	-64.13	-36	PASS



20	20	24250	100	#0	QPSK	925-960	1000	933.505	-88.88	-50	PASS
20	20	24250	100	#0	QPSK	960-1000	100	968.52	-98.30	-36	PASS
20	20	24250	100	#0	QPSK	1000-1452	1000	1335.836	-87.49	-30	PASS
20	20	24250	100	#0	QPSK	1452-1496	1000	1454.112	-87.29	-50	PASS
20	20	24250	100	#0	QPSK	1496-1805	1000	1676.147	-81.47	-30	PASS
20	20	24250	100	#0	QPSK	1805-1880	1000	1820.75	-85.97	-50	PASS
20	20	24250	100	#0	QPSK	1880-1900	1000	1882.02	-85.94	-30	PASS
20	20	24250	100	#0	QPSK	1900-1920	1000	1906.58	-85.98	-50	PASS
20	20	24250	100	#0	QPSK	1920-2010	1000	1997.58	-85.78	-30	PASS
20	20	24250	100	#0	QPSK	2010-2025	1000	2020.875	-84.52	-50	PASS
20	20	24250	100	#0	QPSK	2025-2110	1000	2030.78	-84.28	-30	PASS
20	20	24250	100	#0	QPSK	2110-2200	1000	2164.36	-84.37	-50	PASS
20	20	24250	100	#0	QPSK	2200-2300	1000	2263.7	-84.14	-30	PASS
20	20	24250	100	#0	QPSK	2300-2400	1000	2347.8	-83.18	-50	PASS
20	20	24250	100	#0	QPSK	2400-2570	1000	2524.44	-79.99	-30	PASS
20	20	24250	100	#0	QPSK	2570-2690	1000	2646.32	-82.41	-50	PASS
20	20	24250	100	#0	QPSK	2690-3400	1000	3181.32	-82.36	-30	PASS
20	20	24250	100	#0	QPSK	3400-3800	1000	3728.4	-81.72	-50	PASS
20	20	24250	100	#0	QPSK	3800-12750	1000	12576	-76.51	-30	PASS
20	20	24300	1	#0	QPSK	0.009-0.15	1	0.062721	-97.56	-36	PASS
20	20	24300	1	#0	QPSK	0.15-30	10	2.53	-99.13	-36	PASS
20	20	24300	1	#0	QPSK	30-462.5	100	439	-100.18	-36	PASS
20	20	24300	1	#0	QPSK	462.5-467.5	1000	463.64	-89.81	-50	PASS
20	20	24300	1	#0	QPSK	467.5-738	100	737.6	-99.70	-36	PASS
20	20	24300	1	#0	QPSK	738-788	1000	775.8	-89.04	-50	PASS
20	20	24300	1	#0	QPSK	788-791	100	790.163	-98.51	-36	PASS
20	20	24300	1	#0	QPSK	791-821	1000	806.36	-84.51	-50	PASS
20	20	24300	1	#0	QPSK	821-832	100	823.596	-98.18	-36	PASS
20	20	24300	1	#0	QPSK	862-925	100	873.781	-51.54	-36	PASS
20	20	24300	1	#0	QPSK	925-960	1000	934.31	-88.91	-50	PASS
20	20	24300	1	#0	QPSK	960-1000	100	986.36	-97.83	-36	PASS
20	20	24300	1	#0	QPSK	1000-1452	1000	1313.688	-87.09	-30	PASS
20	20	24300	1	#0	QPSK	1452-1496	1000	1481.348	-87.31	-50	PASS
20	20	24300	1	#0	QPSK	1496-1805	1000	1676.147	-68.77	-30	PASS
20	20	24300	1	#0	QPSK	1805-1880	1000	1824.05	-85.90	-50	PASS
20	20	24300	1	#0	QPSK	1880-1900	1000	1881.72	-85.58	-30	PASS
20	20	24300	1	#0	QPSK	1900-1920	1000	1909.64	-86.05	-50	PASS
20	20	24300	1	#0	QPSK	1920-2010	1000	2003.88	-85.39	-30	PASS
20	20	24300	1	#0	QPSK	2010-2025	1000	2011.68	-84.80	-50	PASS
20	20	24300	1	#0	QPSK	2025-2110	1000	2108.215	-84.46	-30	PASS
20	20	24300	1	#0	QPSK	2110-2200	1000	2178.67	-84.57	-50	PASS
20	20	24300	1	#0	QPSK	2200-2300	1000	2210.2	-83.89	-30	PASS



20	20	24300	1	#0	QPSK	2300-2400	1000	2364.6	-83.65	-50	PASS
20	20	24300	1	#0	QPSK	2400-2570	1000	2514.07	-60.15	-30	PASS
20	20	24300	1	#0	QPSK	2570-2690	1000	2656.04	-82.32	-50	PASS
20	20	24300	1	#0	QPSK	2690-3400	1000	3187.71	-82.49	-30	PASS
20	20	24300	1	#0	QPSK	3400-3800	1000	3693.6	-81.84	-50	PASS
20	20	24300	1	#0	QPSK	3800-12750	1000	12673	-75.95	-30	PASS
20	20	24300	1	#Max	QPSK	0.009-0.15	1	0.062862	-98.57	-36	PASS
20	20	24300	1	#Max	QPSK	0.15-30	10	2.48	-97.48	-36	PASS
20	20	24300	1	#Max	QPSK	30-462.5	100	431.2	-100.29	-36	PASS
20	20	24300	1	#Max	QPSK	462.5-467.5	1000	464.315	-90.12	-50	PASS
20	20	24300	1	#Max	QPSK	467.5-738	100	728	-100.03	-36	PASS
20	20	24300	1	#Max	QPSK	738-788	1000	763.6	-88.80	-50	PASS
20	20	24300	1	#Max	QPSK	788-791	100	790.94	-98.42	-36	PASS
20	20	24300	1	#Max	QPSK	791-821	1000	806.06	-86.02	-50	PASS
20	20	24300	1	#Max	QPSK	821-832	100	823.926	-98.16	-36	PASS
20	20	24300	1	#Max	QPSK	862-925	100	873.781	-70.34	-36	PASS
20	20	24300	1	#Max	QPSK	925-960	1000	951.215	-89.22	-50	PASS
20	20	24300	1	#Max	QPSK	960-1000	100	999.56	-98.14	-36	PASS
20	20	24300	1	#Max	QPSK	1000-1452	1000	1340.808	-86.63	-30	PASS
20	20	24300	1	#Max	QPSK	1452-1496	1000	1453.98	-87.41	-50	PASS
20	20	24300	1	#Max	QPSK	1496-1805	1000	1784.915	-86.06	-30	PASS
20	20	24300	1	#Max	QPSK	1805-1880	1000	1845.725	-85.85	-50	PASS
20	20	24300	1	#Max	QPSK	1880-1900	1000	1892.46	-86.02	-30	PASS
20	20	24300	1	#Max	QPSK	1900-1920	1000	1913.42	-85.51	-50	PASS
20	20	24300	1	#Max	QPSK	1920-2010	1000	1961.85	-85.37	-30	PASS
20	20	24300	1	#Max	QPSK	2010-2025	1000	2019.555	-84.76	-50	PASS
20	20	24300	1	#Max	QPSK	2025-2110	1000	2095.295	-83.92	-30	PASS
20	20	24300	1	#Max	QPSK	2110-2200	1000	2158.06	-84.63	-50	PASS
20	20	24300	1	#Max	QPSK	2200-2300	1000	2239.7	-83.37	-30	PASS
20	20	24300	1	#Max	QPSK	2300-2400	1000	2396.8	-83.53	-50	PASS
20	20	24300	1	#Max	QPSK	2400-2570	1000	2567.45	-72.09	-30	PASS
20	20	24300	1	#Max	QPSK	2570-2690	1000	2673.32	-82.73	-50	PASS
20	20	24300	1	#Max	QPSK	2690-3400	1000	2694.26	-82.31	-30	PASS
20	20	24300	1	#Max	QPSK	3400-3800	1000	3612	-81.99	-50	PASS
20	20	24300	1	#Max	QPSK	3800-12750	1000	12630	-76.03	-30	PASS
20	20	24300	100	#0	QPSK	0.009-0.15	1	0.062862	-97.95	-36	PASS
20	20	24300	100	#0	QPSK	0.15-30	10	0.16	-99.74	-36	PASS
20	20	24300	100	#0	QPSK	30-462.5	100	418.3	-100.34	-36	PASS
20	20	24300	100	#0	QPSK	462.5-467.5	1000	465.94	-90.95	-50	PASS
20	20	24300	100	#0	QPSK	467.5-738	100	727.5	-99.80	-36	PASS
20	20	24300	100	#0	QPSK	738-788	1000	756.1	-88.81	-50	PASS
20	20	24300	100	#0	QPSK	788-791	100	788.897	-99.00	-36	PASS

20	20	24300	100	#0	QPSK	791-821	1000	807.65	-85.31	-50	PASS
20	20	24300	100	#0	QPSK	821-832	100	829.855	-97.77	-36	PASS
20	20	24300	100	#0	QPSK	862-925	100	872.584	-56.81	-36	PASS
20	20	24300	100	#0	QPSK	925-960	1000	942.045	-89.02	-50	PASS
20	20	24300	100	#0	QPSK	960-1000	100	971.28	-98.68	-36	PASS
20	20	24300	100	#0	QPSK	1000-1452	1000	1379.68	-87.75	-30	PASS
20	20	24300	100	#0	QPSK	1452-1496	1000	1464.804	-86.72	-50	PASS
20	20	24300	100	#0	QPSK	1496-1805	1000	1788.932	-86.26	-30	PASS
20	20	24300	100	#0	QPSK	1805-1880	1000	1840.4	-86.18	-50	PASS
20	20	24300	100	#0	QPSK	1880-1900	1000	1883.22	-86.05	-30	PASS
20	20	24300	100	#0	QPSK	1900-1920	1000	1902.6	-85.95	-50	PASS
20	20	24300	100	#0	QPSK	1920-2010	1000	2006.4	-85.55	-30	PASS
20	20	24300	100	#0	QPSK	2010-2025	1000	2016.945	-84.13	-50	PASS
20	20	24300	100	#0	QPSK	2025-2110	1000	2088.495	-84.33	-30	PASS
20	20	24300	100	#0	QPSK	2110-2200	1000	2184.7	-84.42	-50	PASS
20	20	24300	100	#0	QPSK	2200-2300	1000	2287.5	-84.11	-30	PASS
20	20	24300	100	#0	QPSK	2300-2400	1000	2348.4	-83.30	-50	PASS
20	20	24300	100	#0	QPSK	2400-2570	1000	2542.97	-80.58	-30	PASS
20	20	24300	100	#0	QPSK	2570-2690	1000	2668.88	-82.80	-50	PASS
20	20	24300	100	#0	QPSK	2690-3400	1000	2699.23	-82.10	-30	PASS
20	20	24300	100	#0	QPSK	3400-3800	1000	3681.6	-82.18	-50	PASS
20	20	24300	100	#0	QPSK	3800-12750	1000	12677	-76.14	-30	PASS
20	20	24350	1	#0	QPSK	0.009-0.15	1	0.063144	-99.46	-36	PASS
20	20	24350	1	#0	QPSK	0.15-30	10	2.48	-97.31	-36	PASS
20	20	24350	1	#0	QPSK	30-462.5	100	425.8	-100.05	-36	PASS
20	20	24350	1	#0	QPSK	462.5-467.5	1000	465.42	-90.39	-50	PASS
20	20	24350	1	#0	QPSK	467.5-738	100	714.8	-99.66	-36	PASS
20	20	24350	1	#0	QPSK	738-788	1000	773	-89.48	-50	PASS
20	20	24350	1	#0	QPSK	788-791	100	790.355	-98.75	-36	PASS
20	20	24350	1	#0	QPSK	791-821	1000	806.27	-84.79	-50	PASS
20	20	24350	1	#0	QPSK	821-832	100	823.453	-98.34	-36	PASS
20	20	24350	1	#0	QPSK	887-925	100	907.14	-93.45	-36	PASS
20	20	24350	1	#0	QPSK	925-960	1000	938.265	-89.00	-50	PASS
20	20	24350	1	#0	QPSK	960-1000	100	995.96	-98.58	-36	PASS
20	20	24350	1	#0	QPSK	1000-1452	1000	1313.236	-87.19	-30	PASS
20	20	24350	1	#0	QPSK	1452-1496	1000	1454.464	-86.67	-50	PASS
20	20	24350	1	#0	QPSK	1496-1805	1000	1686.344	-80.25	-30	PASS
20	20	24350	1	#0	QPSK	1805-1880	1000	1865.15	-85.69	-50	PASS
20	20	24350	1	#0	QPSK	1880-1900	1000	1882.72	-86.02	-30	PASS
20	20	24350	1	#0	QPSK	1900-1920	1000	1905.06	-85.90	-50	PASS
20	20	24350	1	#0	QPSK	1920-2010	1000	1953.48	-85.58	-30	PASS
20	20	24350	1	#0	QPSK	2010-2025	1000	2011.23	-84.99	-50	PASS

20	20	24350	1	#0	QPSK	2025-2110	1000	2070.645	-84.61	-30	PASS
20	20	24350	1	#0	QPSK	2110-2200	1000	2130.34	-84.50	-50	PASS
20	20	24350	1	#0	QPSK	2200-2300	1000	2295.7	-83.79	-30	PASS
20	20	24350	1	#0	QPSK	2300-2400	1000	2384.1	-83.57	-50	PASS
20	20	24350	1	#0	QPSK	2400-2570	1000	2529.2	-70.47	-30	PASS
20	20	24350	1	#0	QPSK	2570-2690	1000	2670.56	-82.47	-50	PASS
20	20	24350	1	#0	QPSK	2690-3400	1000	2702.78	-82.55	-30	PASS
20	20	24350	1	#0	QPSK	3400-3800	1000	3620.4	-82.10	-50	PASS
20	20	24350	1	#0	QPSK	3800-12750	1000	12660	-76.19	-30	PASS
20	20	24350	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.63	-36	PASS
20	20	24350	1	#Max	QPSK	0.15-30	10	2.44	-100.04	-36	PASS
20	20	24350	1	#Max	QPSK	30-462.5	100	429	-100.11	-36	PASS
20	20	24350	1	#Max	QPSK	462.5-467.5	1000	465.05	-90.11	-50	PASS
20	20	24350	1	#Max	QPSK	467.5-738	100	733.7	-99.78	-36	PASS
20	20	24350	1	#Max	QPSK	738-788	1000	745.25	-88.93	-50	PASS
20	20	24350	1	#Max	QPSK	788-791	100	790.694	-97.49	-36	PASS
20	20	24350	1	#Max	QPSK	791-821	1000	806.57	-85.05	-50	PASS
20	20	24350	1	#Max	QPSK	821-832	100	826.038	-97.58	-36	PASS
20	20	24350	1	#Max	QPSK	887-925	100	922.15	-92.66	-36	PASS
20	20	24350	1	#Max	QPSK	925-960	1000	929.725	-88.86	-50	PASS
20	20	24350	1	#Max	QPSK	960-1000	100	991.88	-98.38	-36	PASS
20	20	24350	1	#Max	QPSK	1000-1452	1000	1448.836	-87.11	-30	PASS
20	20	24350	1	#Max	QPSK	1452-1496	1000	1485.484	-87.63	-50	PASS
20	20	24350	1	#Max	QPSK	1496-1805	1000	1722.188	-82.83	-30	PASS
20	20	24350	1	#Max	QPSK	1805-1880	1000	1836.65	-86.11	-50	PASS
20	20	24350	1	#Max	QPSK	1880-1900	1000	1890.68	-86.11	-30	PASS
20	20	24350	1	#Max	QPSK	1900-1920	1000	1910.82	-85.67	-50	PASS
20	20	24350	1	#Max	QPSK	1920-2010	1000	1938.81	-85.42	-30	PASS
20	20	24350	1	#Max	QPSK	2010-2025	1000	2024.13	-84.55	-50	PASS
20	20	24350	1	#Max	QPSK	2025-2110	1000	2060.7	-84.40	-30	PASS
20	20	24350	1	#Max	QPSK	2110-2200	1000	2197.75	-84.13	-50	PASS
20	20	24350	1	#Max	QPSK	2200-2300	1000	2221.5	-84.16	-30	PASS
20	20	24350	1	#Max	QPSK	2300-2400	1000	2331.2	-83.24	-50	PASS
20	20	24350	1	#Max	QPSK	2400-2570	1000	2451.85	-82.76	-30	PASS
20	20	24350	1	#Max	QPSK	2570-2690	1000	2583.2	-76.52	-50	PASS
20	20	24350	1	#Max	QPSK	2690-3400	1000	3141.56	-82.46	-30	PASS
20	20	24350	1	#Max	QPSK	3400-3800	1000	3623.6	-81.97	-50	PASS
20	20	24350	1	#Max	QPSK	3800-12750	1000	12280	-76.39	-30	PASS
20	20	24350	100	#0	QPSK	0.009-0.15	1	0.063003	-99.07	-36	PASS
20	20	24350	100	#0	QPSK	0.15-30	10	2.49	-96.52	-36	PASS
20	20	24350	100	#0	QPSK	30-462.5	100	443.5	-100.27	-36	PASS
20	20	24350	100	#0	QPSK	462.5-467.5	1000	463.81	-90.84	-50	PASS

20	20	24350	100	#0	QPSK	467.5-738	100	737.8	-99.25	-36	PASS
20	20	24350	100	#0	QPSK	738-788	1000	783.1	-88.55	-50	PASS
20	20	24350	100	#0	QPSK	788-791	100	788.138	-98.03	-36	PASS
20	20	24350	100	#0	QPSK	791-821	1000	806.84	-85.92	-50	PASS
20	20	24350	100	#0	QPSK	821-832	100	821.979	-97.70	-36	PASS
20	20	24350	100	#0	QPSK	887-925	100	897.45	-93.37	-36	PASS
20	20	24350	100	#0	QPSK	925-960	1000	954.12	-89.16	-50	PASS
20	20	24350	100	#0	QPSK	960-1000	100	987.28	-98.26	-36	PASS
20	20	24350	100	#0	QPSK	1000-1452	1000	1417.648	-87.40	-30	PASS
20	20	24350	100	#0	QPSK	1452-1496	1000	1456.356	-87.30	-50	PASS
20	20	24350	100	#0	QPSK	1496-1805	1000	1699.322	-86.71	-30	PASS
20	20	24350	100	#0	QPSK	1805-1880	1000	1828.775	-86.19	-50	PASS
20	20	24350	100	#0	QPSK	1880-1900	1000	1889.9	-85.64	-30	PASS
20	20	24350	100	#0	QPSK	1900-1920	1000	1901.9	-86.42	-50	PASS
20	20	24350	100	#0	QPSK	1920-2010	1000	1932.6	-85.46	-30	PASS
20	20	24350	100	#0	QPSK	2010-2025	1000	2019.195	-84.89	-50	PASS
20	20	24350	100	#0	QPSK	2025-2110	1000	2026.7	-84.81	-30	PASS
20	20	24350	100	#0	QPSK	2110-2200	1000	2155.99	-83.79	-50	PASS
20	20	24350	100	#0	QPSK	2200-2300	1000	2277.3	-83.60	-30	PASS
20	20	24350	100	#0	QPSK	2300-2400	1000	2356.8	-83.38	-50	PASS
20	20	24350	100	#0	QPSK	2400-2570	1000	2565.58	-80.76	-30	PASS
20	20	24350	100	#0	QPSK	2570-2690	1000	2571.08	-81.86	-50	PASS
20	20	24350	100	#0	QPSK	2690-3400	1000	3203.33	-82.37	-30	PASS
20	20	24350	100	#0	QPSK	3400-3800	1000	3678.4	-82.36	-50	PASS
20	20	24350	100	#0	QPSK	3800-12750	1000	12625	-75.78	-30	PASS
1	5	18025	1	#0	QPSK	0.009-0.15	1	0.064977	-100.00	-36	PASS
1	5	18025	1	#0	QPSK	0.15-30	10	0.18	-99.23	-36	PASS
1	5	18025	1	#0	QPSK	30-462.5	100	411.6	-100.23	-36	PASS
1	5	18025	1	#0	QPSK	462.5-467.5	1000	463.21	-90.37	-50	PASS
1	5	18025	1	#0	QPSK	467.5-738	100	714.4	-99.91	-36	PASS
1	5	18025	1	#0	QPSK	738-821	1000	812.534	-89.63	-50	PASS
1	5	18025	1	#0	QPSK	821-925	100	833.5	-89.25	-36	PASS
1	5	18025	1	#0	QPSK	925-960	1000	941.695	-88.80	-50	PASS
1	5	18025	1	#0	QPSK	960-1000	100	974.36	-97.56	-36	PASS
1	5	18025	1	#0	QPSK	1000-1452	1000	1346.684	-87.39	-30	PASS
1	5	18025	1	#0	QPSK	1452-1496	1000	1454.068	-87.14	-50	PASS
1	5	18025	1	#0	QPSK	1496-1805	1000	1658.225	-86.93	-30	PASS
1	5	18025	1	#0	QPSK	1805-1880	1000	1826.975	-86.32	-50	PASS
1	5	18025	1	#0	QPSK	1880-1895	1000	1892.795	-85.73	-30	PASS
1	5	18025	1	#0	QPSK	1895-1915	5000	1899.66	-69.88	-15.5	PASS
1	5	18025	1	#0	QPSK	1915-1920	5000	1917.5	-42.33	1.6	PASS
1	5	18025	1	#0	QPSK	1980-2110	1000	2055.14	-85.10	-30	PASS

1	5	18025	1	#0	QPSK	2010-2025	1000	2022.915	-85.05	-50	PASS
1	5	18025	1	#0	QPSK	2025-2110	1000	2077.7	-84.97	-30	PASS
1	5	18025	1	#0	QPSK	2110-2200	1000	2114.23	-83.91	-50	PASS
1	5	18025	1	#0	QPSK	2200-2300	1000	2214.6	-84.60	-30	PASS
1	5	18025	1	#0	QPSK	2300-2400	1000	2365.1	-84.18	-50	PASS
1	5	18025	1	#0	QPSK	2400-2570	1000	2561.84	-83.27	-30	PASS
1	5	18025	1	#0	QPSK	2570-2690	1000	2680.88	-82.01	-50	PASS
1	5	18025	1	#0	QPSK	2690-3400	1000	3152.21	-82.57	-30	PASS
1	5	18025	1	#0	QPSK	3400-3800	1000	3633.6	-82.54	-50	PASS
1	5	18025	1	#0	QPSK	3800-12750	1000	3840	-55.08	-30	PASS
1	5	18025	1	#Max	QPSK	0.009-0.15	1	0.063003	-98.68	-36	PASS
1	5	18025	1	#Max	QPSK	0.15-30	10	0.16	-101.18	-36	PASS
1	5	18025	1	#Max	QPSK	30-462.5	100	448.5	-100.01	-36	PASS
1	5	18025	1	#Max	QPSK	462.5-467.5	1000	463.685	-90.48	-50	PASS
1	5	18025	1	#Max	QPSK	467.5-738	100	734.1	-99.34	-36	PASS
1	5	18025	1	#Max	QPSK	738-821	1000	819.589	-89.31	-50	PASS
1	5	18025	1	#Max	QPSK	821-925	100	901.4	-99.05	-36	PASS
1	5	18025	1	#Max	QPSK	925-960	1000	932.945	-89.01	-50	PASS
1	5	18025	1	#Max	QPSK	960-1000	100	961.56	-98.32	-36	PASS
1	5	18025	1	#Max	QPSK	1000-1452	1000	1264.42	-86.98	-30	PASS
1	5	18025	1	#Max	QPSK	1452-1496	1000	1483.108	-86.63	-50	PASS
1	5	18025	1	#Max	QPSK	1496-1805	1000	1590.554	-86.71	-30	PASS
1	5	18025	1	#Max	QPSK	1805-1880	1000	1866.65	-85.41	-50	PASS
1	5	18025	1	#Max	QPSK	1880-1895	1000	1891.4	-84.95	-30	PASS
1	5	18025	1	#Max	QPSK	1895-1915	5000	1907.86	-78.08	-15.5	PASS
1	5	18025	1	#Max	QPSK	1915-1920	5000	1917.5	-81.33	1.6	PASS
1	5	18025	1	#Max	QPSK	1980-2110	1000	2056.57	-85.34	-30	PASS
1	5	18025	1	#Max	QPSK	2010-2025	1000	2022.765	-85.16	-50	PASS
1	5	18025	1	#Max	QPSK	2025-2110	1000	2086.2	-84.94	-30	PASS
1	5	18025	1	#Max	QPSK	2110-2200	1000	2113.96	-83.74	-50	PASS
1	5	18025	1	#Max	QPSK	2200-2300	1000	2293.9	-84.00	-30	PASS
1	5	18025	1	#Max	QPSK	2300-2400	1000	2391.2	-83.67	-50	PASS
1	5	18025	1	#Max	QPSK	2400-2570	1000	2532.09	-77.63	-30	PASS
1	5	18025	1	#Max	QPSK	2570-2690	1000	2659.52	-82.87	-50	PASS
1	5	18025	1	#Max	QPSK	2690-3400	1000	2714.85	-81.67	-30	PASS
1	5	18025	1	#Max	QPSK	3400-3800	1000	3672	-81.45	-50	PASS
1	5	18025	1	#Max	QPSK	3800-12750	1000	3849	-54.03	-30	PASS
1	5	18025	25	#0	QPSK	0.009-0.15	1	0.063144	-100.20	-36	PASS
1	5	18025	25	#0	QPSK	0.15-30	10	0.16	-100.43	-36	PASS
1	5	18025	25	#0	QPSK	30-462.5	100	444.9	-99.95	-36	PASS
1	5	18025	25	#0	QPSK	462.5-467.5	1000	463.85	-90.47	-50	PASS
1	5	18025	25	#0	QPSK	467.5-738	100	724.8	-98.52	-36	PASS

1	5	18025	25	#0	QPSK	738-821	1000	787.551	-89.08	-50	PASS
1	5	18025	25	#0	QPSK	821-925	100	904	-98.83	-36	PASS
1	5	18025	25	#0	QPSK	925-960	1000	947.995	-88.78	-50	PASS
1	5	18025	25	#0	QPSK	960-1000	100	969.24	-98.15	-36	PASS
1	5	18025	25	#0	QPSK	1000-1452	1000	1450.192	-87.09	-30	PASS
1	5	18025	25	#0	QPSK	1452-1496	1000	1459.92	-87.05	-50	PASS
1	5	18025	25	#0	QPSK	1496-1805	1000	1802.837	-86.30	-30	PASS
1	5	18025	25	#0	QPSK	1805-1880	1000	1851.2	-85.34	-50	PASS
1	5	18025	25	#0	QPSK	1880-1895	1000	1894.115	-84.23	-30	PASS
1	5	18025	25	#0	QPSK	1895-1915	5000	1902.3	-58.12	-15.5	PASS
1	5	18025	25	#0	QPSK	1915-1920	5000	1917.5	-59.45	1.6	PASS
1	5	18025	25	#0	QPSK	1980-2110	1000	2052.54	-84.63	-30	PASS
1	5	18025	25	#0	QPSK	2010-2025	1000	2013.21	-85.25	-50	PASS
1	5	18025	25	#0	QPSK	2025-2110	1000	2056.28	-84.79	-30	PASS
1	5	18025	25	#0	QPSK	2110-2200	1000	2110.81	-83.46	-50	PASS
1	5	18025	25	#0	QPSK	2200-2300	1000	2288.5	-84.39	-30	PASS
1	5	18025	25	#0	QPSK	2300-2400	1000	2391	-84.47	-50	PASS
1	5	18025	25	#0	QPSK	2400-2570	1000	2527.5	-77.64	-30	PASS
1	5	18025	25	#0	QPSK	2570-2690	1000	2685.8	-82.46	-50	PASS
1	5	18025	25	#0	QPSK	2690-3400	1000	3302.02	-83.00	-30	PASS
1	5	18025	25	#0	QPSK	3400-3800	1000	3685.2	-82.67	-50	PASS
1	5	18025	25	#0	QPSK	3800-12750	1000	3845	-61.54	-30	PASS
1	5	18300	1	#0	QPSK	0.009-0.15	1	0.063003	-98.76	-36	PASS
1	5	18300	1	#0	QPSK	0.15-30	10	0.18	-100.92	-36	PASS
1	5	18300	1	#0	QPSK	30-462.5	100	435.5	-99.63	-36	PASS
1	5	18300	1	#0	QPSK	462.5-467.5	1000	465.815	-90.58	-50	PASS
1	5	18300	1	#0	QPSK	467.5-738	100	721.2	-99.54	-36	PASS
1	5	18300	1	#0	QPSK	738-821	1000	795.187	-89.81	-50	PASS
1	5	18300	1	#0	QPSK	821-925	100	906.2	-99.01	-36	PASS
1	5	18300	1	#0	QPSK	925-960	1000	930.005	-89.51	-50	PASS
1	5	18300	1	#0	QPSK	960-1000	100	971	-98.85	-36	PASS
1	5	18300	1	#0	QPSK	1000-1452	1000	1330.412	-87.23	-30	PASS
1	5	18300	1	#0	QPSK	1452-1496	1000	1471.448	-87.00	-50	PASS
1	5	18300	1	#0	QPSK	1496-1805	1000	1752.161	-86.81	-30	PASS
1	5	18300	1	#0	QPSK	1805-1880	1000	1872.5	-86.33	-50	PASS
1	5	18300	1	#0	QPSK	1880-1895	1000	1888.76	-85.63	-30	PASS
1	5	18300	1	#0	QPSK	1895-1915	5000	1902.66	-76.35	-15.5	PASS
1	5	18300	1	#0	QPSK	1915-1920	5000	1917.5	-81.22	1.6	PASS
1	5	18300	1	#0	QPSK	1980-2110	1000	2029.14	-85.03	-30	PASS
1	5	18300	1	#0	QPSK	2010-2025	1000	2019.075	-84.94	-50	PASS
1	5	18300	1	#0	QPSK	2025-2110	1000	2098.44	-84.81	-30	PASS
1	5	18300	1	#0	QPSK	2110-2200	1000	2140.15	-83.40	-50	PASS

1	5	18300	1	#0	QPSK	2200-2300	1000	2208.1	-84.30	-30	PASS
1	5	18300	1	#0	QPSK	2300-2400	1000	2337.4	-84.46	-50	PASS
1	5	18300	1	#0	QPSK	2400-2570	1000	2528.86	-75.61	-30	PASS
1	5	18300	1	#0	QPSK	2570-2690	1000	2677.76	-82.09	-50	PASS
1	5	18300	1	#0	QPSK	2690-3400	1000	3202.62	-83.27	-30	PASS
1	5	18300	1	#0	QPSK	3400-3800	1000	3712.4	-81.28	-50	PASS
1	5	18300	1	#0	QPSK	3800-12750	1000	3895	-63.14	-30	PASS
1	5	18300	1	#Max	QPSK	0.009-0.15	1	0.063003	-100.71	-36	PASS
1	5	18300	1	#Max	QPSK	0.15-30	10	0.19	-99.80	-36	PASS
1	5	18300	1	#Max	QPSK	30-462.5	100	438.8	-100.20	-36	PASS
1	5	18300	1	#Max	QPSK	462.5-467.5	1000	464.225	-90.71	-50	PASS
1	5	18300	1	#Max	QPSK	467.5-738	100	721.4	-99.51	-36	PASS
1	5	18300	1	#Max	QPSK	738-821	1000	800.25	-89.26	-50	PASS
1	5	18300	1	#Max	QPSK	821-925	100	899.1	-99.05	-36	PASS
1	5	18300	1	#Max	QPSK	925-960	1000	947.995	-89.12	-50	PASS
1	5	18300	1	#Max	QPSK	960-1000	100	982.56	-98.75	-36	PASS
1	5	18300	1	#Max	QPSK	1000-1452	1000	1418.1	-87.42	-30	PASS
1	5	18300	1	#Max	QPSK	1452-1496	1000	1473.384	-86.64	-50	PASS
1	5	18300	1	#Max	QPSK	1496-1805	1000	1748.762	-86.66	-30	PASS
1	5	18300	1	#Max	QPSK	1805-1880	1000	1845.875	-85.81	-50	PASS
1	5	18300	1	#Max	QPSK	1880-1895	1000	1888.76	-85.59	-30	PASS
1	5	18300	1	#Max	QPSK	1895-1915	5000	1899.52	-79.71	-15.5	PASS
1	5	18300	1	#Max	QPSK	1915-1920	5000	1917.5	-82.46	1.6	PASS
1	5	18300	1	#Max	QPSK	1980-2110	1000	2061.9	-85.11	-30	PASS
1	5	18300	1	#Max	QPSK	2010-2025	1000	2017.95	-84.81	-50	PASS
1	5	18300	1	#Max	QPSK	2025-2110	1000	2109.49	-85.12	-30	PASS
1	5	18300	1	#Max	QPSK	2110-2200	1000	2139.16	-82.89	-50	PASS
1	5	18300	1	#Max	QPSK	2200-2300	1000	2212.5	-84.48	-30	PASS
1	5	18300	1	#Max	QPSK	2300-2400	1000	2355	-84.08	-50	PASS
1	5	18300	1	#Max	QPSK	2400-2570	1000	2567.79	-83.02	-30	PASS
1	5	18300	1	#Max	QPSK	2570-2690	1000	2650.76	-81.93	-50	PASS
1	5	18300	1	#Max	QPSK	2690-3400	1000	3193.39	-82.31	-30	PASS
1	5	18300	1	#Max	QPSK	3400-3800	1000	3709.2	-82.55	-50	PASS
1	5	18300	1	#Max	QPSK	3800-12750	1000	3904	-60.56	-30	PASS
1	5	18300	25	#0	QPSK	0.009-0.15	1	0.062862	-100.30	-36	PASS
1	5	18300	25	#0	QPSK	0.15-30	10	0.17	-99.82	-36	PASS
1	5	18300	25	#0	QPSK	30-462.5	100	442	-100.28	-36	PASS
1	5	18300	25	#0	QPSK	462.5-467.5	1000	465.96	-90.16	-50	PASS
1	5	18300	25	#0	QPSK	467.5-738	100	674.5	-99.77	-36	PASS
1	5	18300	25	#0	QPSK	738-821	1000	781.99	-89.40	-50	PASS
1	5	18300	25	#0	QPSK	821-925	100	881.6	-98.96	-36	PASS
1	5	18300	25	#0	QPSK	925-960	1000	950.2	-89.16	-50	PASS



1	5	18300	25	#0	QPSK	960-1000	100	977.68	-97.99	-36	PASS
1	5	18300	25	#0	QPSK	1000-1452	1000	1410.868	-87.34	-30	PASS
1	5	18300	25	#0	QPSK	1452-1496	1000	1486.056	-87.00	-50	PASS
1	5	18300	25	#0	QPSK	1496-1805	1000	1797.584	-86.54	-30	PASS
1	5	18300	25	#0	QPSK	1805-1880	1000	1810.625	-85.82	-50	PASS
1	5	18300	25	#0	QPSK	1880-1895	1000	1887.59	-85.36	-30	PASS
1	5	18300	25	#0	QPSK	1895-1915	5000	1904.62	-75.93	-15.5	PASS
1	5	18300	25	#0	QPSK	1915-1920	5000	1917.5	-80.83	1.6	PASS
1	5	18300	25	#0	QPSK	1980-2110	1000	2000.93	-84.81	-30	PASS
1	5	18300	25	#0	QPSK	2010-2025	1000	2011.62	-82.23	-50	PASS
1	5	18300	25	#0	QPSK	2025-2110	1000	2040.13	-84.64	-30	PASS
1	5	18300	25	#0	QPSK	2110-2200	1000	2139.79	-84.32	-50	PASS
1	5	18300	25	#0	QPSK	2200-2300	1000	2223.5	-84.68	-30	PASS
1	5	18300	25	#0	QPSK	2300-2400	1000	2368.2	-84.09	-50	PASS
1	5	18300	25	#0	QPSK	2400-2570	1000	2545.01	-83.22	-30	PASS
1	5	18300	25	#0	QPSK	2570-2690	1000	2661.68	-82.45	-50	PASS
1	5	18300	25	#0	QPSK	2690-3400	1000	3151.5	-82.79	-30	PASS
1	5	18300	25	#0	QPSK	3400-3800	1000	3644.8	-82.40	-50	PASS
1	5	18300	25	#0	QPSK	3800-12750	1000	3900	-71.03	-30	PASS
1	5	18575	1	#0	QPSK	0.009-0.15	1	0.063003	-99.18	-36	PASS
1	5	18575	1	#0	QPSK	0.15-30	10	0.18	-100.31	-36	PASS
1	5	18575	1	#0	QPSK	30-462.5	100	419.2	-99.90	-36	PASS
1	5	18575	1	#0	QPSK	462.5-467.5	1000	466.565	-90.87	-50	PASS
1	5	18575	1	#0	QPSK	467.5-738	100	727.6	-99.15	-36	PASS
1	5	18575	1	#0	QPSK	738-821	1000	747.96	-89.91	-50	PASS
1	5	18575	1	#0	QPSK	821-925	100	900.5	-99.30	-36	PASS
1	5	18575	1	#0	QPSK	925-960	1000	951.81	-89.19	-50	PASS
1	5	18575	1	#0	QPSK	960-1000	100	976.16	-98.54	-36	PASS
1	5	18575	1	#0	QPSK	1000-1452	1000	1390.528	-87.33	-30	PASS
1	5	18575	1	#0	QPSK	1452-1496	1000	1492.216	-87.47	-50	PASS
1	5	18575	1	#0	QPSK	1496-1805	1000	1777.808	-86.98	-30	PASS
1	5	18575	1	#0	QPSK	1805-1880	1000	1863.2	-85.65	-50	PASS
1	5	18575	1	#0	QPSK	1880-1895	1000	1883.69	-86.04	-30	PASS
1	5	18575	1	#0	QPSK	1895-1915	5000	1901.02	-79.63	-15.5	PASS
1	5	18575	1	#0	QPSK	1915-1920	5000	1917.5	-81.28	1.6	PASS
1	5	18575	1	#0	QPSK	1990-2110	1000	2073.4	-81.78	-30	PASS
1	5	18575	1	#0	QPSK	2010-2025	1000	2021.73	-84.69	-50	PASS
1	5	18575	1	#0	QPSK	2025-2110	1000	2098.61	-85.27	-30	PASS
1	5	18575	1	#0	QPSK	2110-2200	1000	2166.52	-83.87	-50	PASS
1	5	18575	1	#0	QPSK	2200-2300	1000	2246.7	-84.66	-30	PASS
1	5	18575	1	#0	QPSK	2300-2400	1000	2369.7	-84.15	-50	PASS
1	5	18575	1	#0	QPSK	2400-2570	1000	2529.37	-71.44	-30	PASS



1	5	18575	1	#0	QPSK	2570-2690	1000	2683.88	-82.17	-50	PASS
1	5	18575	1	#0	QPSK	2690-3400	1000	3181.32	-82.73	-30	PASS
1	5	18575	1	#0	QPSK	3400-3800	1000	3672	-82.56	-50	PASS
1	5	18575	1	#0	QPSK	3800-12750	1000	3950	-50.72	-30	PASS
1	5	18575	1	#Max	QPSK	0.009-0.15	1	0.078231	-99.35	-36	PASS
1	5	18575	1	#Max	QPSK	0.15-30	10	0.16	-100.18	-36	PASS
1	5	18575	1	#Max	QPSK	30-462.5	100	438	-100.15	-36	PASS
1	5	18575	1	#Max	QPSK	462.5-467.5	1000	464.95	-90.89	-50	PASS
1	5	18575	1	#Max	QPSK	467.5-738	100	730.3	-99.59	-36	PASS
1	5	18575	1	#Max	QPSK	738-821	1000	768.129	-89.62	-50	PASS
1	5	18575	1	#Max	QPSK	821-925	100	918.5	-98.49	-36	PASS
1	5	18575	1	#Max	QPSK	925-960	1000	947.4	-88.61	-50	PASS
1	5	18575	1	#Max	QPSK	960-1000	100	997.8	-98.40	-36	PASS
1	5	18575	1	#Max	QPSK	1000-1452	1000	1388.268	-87.00	-30	PASS
1	5	18575	1	#Max	QPSK	1452-1496	1000	1453.232	-87.33	-50	PASS
1	5	18575	1	#Max	QPSK	1496-1805	1000	1802.837	-86.61	-30	PASS
1	5	18575	1	#Max	QPSK	1805-1880	1000	1832.525	-86.13	-50	PASS
1	5	18575	1	#Max	QPSK	1880-1895	1000	1881.935	-85.75	-30	PASS
1	5	18575	1	#Max	QPSK	1895-1915	5000	1899.2	-79.85	-15.5	PASS
1	5	18575	1	#Max	QPSK	1915-1920	5000	1917.5	-81.75	1.6	PASS
1	5	18575	1	#Max	QPSK	1990-2110	1000	1996.48	-82.35	-30	PASS
1	5	18575	1	#Max	QPSK	2010-2025	1000	2024.22	-85.45	-50	PASS
1	5	18575	1	#Max	QPSK	2025-2110	1000	2074.98	-84.91	-30	PASS
1	5	18575	1	#Max	QPSK	2110-2200	1000	2168.14	-83.83	-50	PASS
1	5	18575	1	#Max	QPSK	2200-2300	1000	2265.6	-84.07	-30	PASS
1	5	18575	1	#Max	QPSK	2300-2400	1000	2379	-84.44	-50	PASS
1	5	18575	1	#Max	QPSK	2400-2570	1000	2535.83	-74.54	-30	PASS
1	5	18575	1	#Max	QPSK	2570-2690	1000	2572.4	-82.33	-50	PASS
1	5	18575	1	#Max	QPSK	2690-3400	1000	3089.02	-83.00	-30	PASS
1	5	18575	1	#Max	QPSK	3400-3800	1000	3740.8	-82.51	-50	PASS
1	5	18575	1	#Max	QPSK	3800-12750	1000	3959	-54.73	-30	PASS
1	5	18575	25	#0	QPSK	0.009-0.15	1	0.065259	-98.94	-36	PASS
1	5	18575	25	#0	QPSK	0.15-30	10	0.18	-100.70	-36	PASS
1	5	18575	25	#0	QPSK	30-462.5	100	455.3	-100.23	-36	PASS
1	5	18575	25	#0	QPSK	462.5-467.5	1000	464.89	-90.41	-50	PASS
1	5	18575	25	#0	QPSK	467.5-738	100	686	-99.53	-36	PASS
1	5	18575	25	#0	QPSK	738-821	1000	771.449	-89.13	-50	PASS
1	5	18575	25	#0	QPSK	821-925	100	888.3	-98.74	-36	PASS
1	5	18575	25	#0	QPSK	925-960	1000	925.595	-88.81	-50	PASS
1	5	18575	25	#0	QPSK	960-1000	100	999.48	-98.38	-36	PASS
1	5	18575	25	#0	QPSK	1000-1452	1000	1428.044	-87.28	-30	PASS
1	5	18575	25	#0	QPSK	1452-1496	1000	1485.352	-87.19	-50	PASS

1	5	18575	25	#0	QPSK	1496-1805	1000	1743.2	-86.38	-30	PASS
1	5	18575	25	#0	QPSK	1805-1880	1000	1851.875	-85.89	-50	PASS
1	5	18575	25	#0	QPSK	1880-1895	1000	1893.845	-85.48	-30	PASS
1	5	18575	25	#0	QPSK	1895-1915	5000	1902.24	-79.57	-15.5	PASS
1	5	18575	25	#0	QPSK	1915-1920	5000	1917.5	-80.99	1.6	PASS
1	5	18575	25	#0	QPSK	1990-2110	1000	1990.84	-77.81	-30	PASS
1	5	18575	25	#0	QPSK	2010-2025	1000	2016.285	-85.12	-50	PASS
1	5	18575	25	#0	QPSK	2025-2110	1000	2075.66	-84.69	-30	PASS
1	5	18575	25	#0	QPSK	2110-2200	1000	2168.14	-83.30	-50	PASS
1	5	18575	25	#0	QPSK	2200-2300	1000	2230.1	-84.44	-30	PASS
1	5	18575	25	#0	QPSK	2300-2400	1000	2329.9	-83.84	-50	PASS
1	5	18575	25	#0	QPSK	2400-2570	1000	2535.49	-75.53	-30	PASS
1	5	18575	25	#0	QPSK	2570-2690	1000	2675.84	-82.63	-50	PASS
1	5	18575	25	#0	QPSK	2690-3400	1000	3204.04	-82.36	-30	PASS
1	5	18575	25	#0	QPSK	3400-3800	1000	3767.6	-81.42	-50	PASS
1	5	18575	25	#0	QPSK	3800-12750	1000	3954	-59.19	-30	PASS
1	20	18100	1	#0	QPSK	0.009-0.15	1	0.062862	-99.13	-36	PASS
1	20	18100	1	#0	QPSK	0.15-30	10	0.17	-99.97	-36	PASS
1	20	18100	1	#0	QPSK	30-462.5	100	448.9	-100.00	-36	PASS
1	20	18100	1	#0	QPSK	462.5-467.5	1000	465.48	-89.80	-50	PASS
1	20	18100	1	#0	QPSK	467.5-738	100	703	-99.87	-36	PASS
1	20	18100	1	#0	QPSK	738-821	1000	781.16	-89.65	-50	PASS
1	20	18100	1	#0	QPSK	821-925	100	842.8	-98.87	-36	PASS
1	20	18100	1	#0	QPSK	925-960	1000	959.09	-89.07	-50	PASS
1	20	18100	1	#0	QPSK	960-1000	100	977.52	-97.99	-36	PASS
1	20	18100	1	#0	QPSK	1000-1452	1000	1421.264	-86.49	-30	PASS
1	20	18100	1	#0	QPSK	1452-1496	1000	1473.692	-87.25	-50	PASS
1	20	18100	1	#0	QPSK	1496-1805	1000	1689.125	-86.26	-30	PASS
1	20	18100	1	#0	QPSK	1805-1880	1000	1859.375	-85.51	-50	PASS
1	20	18100	1	#0	QPSK	1880-1895	1000	1885.46	-69.12	-30	PASS
1	20	18100	1	#0	QPSK	1895-1915	5000	1902.46	-62.97	-15.5	PASS
1	20	18100	1	#0	QPSK	1915-1920	5000	1917.5	-60.23	1.6	PASS
1	20	18100	1	#0	QPSK	1980-2110	1000	2087.64	-84.03	-30	PASS
1	20	18100	1	#0	QPSK	2010-2025	1000	2021.85	-84.84	-50	PASS
1	20	18100	1	#0	QPSK	2025-2110	1000	2076.255	-84.98	-30	PASS
1	20	18100	1	#0	QPSK	2110-2200	1000	2114.77	-84.02	-50	PASS
1	20	18100	1	#0	QPSK	2200-2300	1000	2257.2	-84.09	-30	PASS
1	20	18100	1	#0	QPSK	2300-2400	1000	2354.7	-83.75	-50	PASS
1	20	18100	1	#0	QPSK	2400-2570	1000	2545.18	-82.37	-30	PASS
1	20	18100	1	#0	QPSK	2570-2690	1000	2655.44	-82.75	-50	PASS
1	20	18100	1	#0	QPSK	2690-3400	1000	2730.47	-83.07	-30	PASS
1	20	18100	1	#0	QPSK	3400-3800	1000	3677.6	-82.45	-50	PASS

1	20	18100	1	#0	QPSK	3800-12750	1000	3842	-56.72	-30	PASS
1	20	18100	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.69	-36	PASS
1	20	18100	1	#Max	QPSK	0.15-30	10	0.19	-99.89	-36	PASS
1	20	18100	1	#Max	QPSK	30-462.5	100	390.7	-99.80	-36	PASS
1	20	18100	1	#Max	QPSK	462.5-467.5	1000	465.07	-89.85	-50	PASS
1	20	18100	1	#Max	QPSK	467.5-738	100	733.6	-99.57	-36	PASS
1	20	18100	1	#Max	QPSK	738-821	1000	807.471	-89.72	-50	PASS
1	20	18100	1	#Max	QPSK	821-925	100	885.4	-98.89	-36	PASS
1	20	18100	1	#Max	QPSK	925-960	1000	948.135	-88.92	-50	PASS
1	20	18100	1	#Max	QPSK	960-1000	100	971.72	-98.65	-36	PASS
1	20	18100	1	#Max	QPSK	1000-1452	1000	1340.808	-87.41	-30	PASS
1	20	18100	1	#Max	QPSK	1452-1496	1000	1484.428	-86.83	-50	PASS
1	20	18100	1	#Max	QPSK	1496-1805	1000	1785.224	-86.74	-30	PASS
1	20	18100	1	#Max	QPSK	1805-1880	1000	1867.775	-85.67	-50	PASS
1	20	18100	1	#Max	QPSK	1880-1895	1000	1890.335	-85.17	-30	PASS
1	20	18100	1	#Max	QPSK	1895-1915	5000	1904.1	-56.45	-15.5	PASS
1	20	18100	1	#Max	QPSK	1915-1920	5000	1917.5	-81.14	1.6	PASS
1	20	18100	1	#Max	QPSK	1980-2110	1000	2084	-84.66	-30	PASS
1	20	18100	1	#Max	QPSK	2010-2025	1000	2018.655	-85.00	-50	PASS
1	20	18100	1	#Max	QPSK	2025-2110	1000	2066.99	-84.62	-30	PASS
1	20	18100	1	#Max	QPSK	2110-2200	1000	2115.94	-84.01	-50	PASS
1	20	18100	1	#Max	QPSK	2200-2300	1000	2209.6	-84.89	-30	PASS
1	20	18100	1	#Max	QPSK	2300-2400	1000	2397.8	-84.35	-50	PASS
1	20	18100	1	#Max	QPSK	2400-2570	1000	2530.05	-82.38	-30	PASS
1	20	18100	1	#Max	QPSK	2570-2690	1000	2660.12	-82.74	-50	PASS
1	20	18100	1	#Max	QPSK	2690-3400	1000	3172.09	-83.03	-30	PASS
1	20	18100	1	#Max	QPSK	3400-3800	1000	3681.6	-81.91	-50	PASS
1	20	18100	1	#Max	QPSK	3800-12750	1000	3877	-55.80	-30	PASS
1	20	18100	100	#0	QPSK	0.009-0.15	1	0.075975	-99.98	-36	PASS
1	20	18100	100	#0	QPSK	0.15-30	10	0.18	-100.52	-36	PASS
1	20	18100	100	#0	QPSK	30-462.5	100	429	-100.09	-36	PASS
1	20	18100	100	#0	QPSK	462.5-467.5	1000	464.245	-90.71	-50	PASS
1	20	18100	100	#0	QPSK	467.5-738	100	734.7	-99.50	-36	PASS
1	20	18100	100	#0	QPSK	738-821	1000	813.364	-89.15	-50	PASS
1	20	18100	100	#0	QPSK	821-925	100	863.5	-99.02	-36	PASS
1	20	18100	100	#0	QPSK	925-960	1000	954.155	-88.99	-50	PASS
1	20	18100	100	#0	QPSK	960-1000	100	999.52	-98.35	-36	PASS
1	20	18100	100	#0	QPSK	1000-1452	1000	1390.076	-87.14	-30	PASS
1	20	18100	100	#0	QPSK	1452-1496	1000	1463.968	-87.17	-50	PASS
1	20	18100	100	#0	QPSK	1496-1805	1000	1681.4	-86.26	-30	PASS
1	20	18100	100	#0	QPSK	1805-1880	1000	1878.425	-85.82	-50	PASS
1	20	18100	100	#0	QPSK	1880-1895	1000	1894.205	-77.22	-30	PASS

1	20	18100	100	#0	QPSK	1895-1915	5000	1905.02	-54.21	-15.5	PASS
1	20	18100	100	#0	QPSK	1915-1920	5000	1917.5	-77.78	1.6	PASS
1	20	18100	100	#0	QPSK	1980-2110	1000	2045.26	-84.84	-30	PASS
1	20	18100	100	#0	QPSK	2010-2025	1000	2023.26	-84.96	-50	PASS
1	20	18100	100	#0	QPSK	2025-2110	1000	2082.715	-84.79	-30	PASS
1	20	18100	100	#0	QPSK	2110-2200	1000	2116.12	-83.37	-50	PASS
1	20	18100	100	#0	QPSK	2200-2300	1000	2288.7	-84.45	-30	PASS
1	20	18100	100	#0	QPSK	2300-2400	1000	2317.1	-84.60	-50	PASS
1	20	18100	100	#0	QPSK	2400-2570	1000	2517.3	-83.48	-30	PASS
1	20	18100	100	#0	QPSK	2570-2690	1000	2577.8	-82.13	-50	PASS
1	20	18100	100	#0	QPSK	2690-3400	1000	2694.26	-82.44	-30	PASS
1	20	18100	100	#0	QPSK	3400-3800	1000	3691.2	-82.36	-50	PASS
1	20	18100	100	#0	QPSK	3800-12750	1000	3864	-65.24	-30	PASS
1	20	18300	1	#0	QPSK	0.009-0.15	1	0.063003	-99.75	-36	PASS
1	20	18300	1	#0	QPSK	0.15-30	10	0.16	-100.39	-36	PASS
1	20	18300	1	#0	QPSK	30-462.5	100	452.4	-100.15	-36	PASS
1	20	18300	1	#0	QPSK	462.5-467.5	1000	463.49	-90.78	-50	PASS
1	20	18300	1	#0	QPSK	467.5-738	100	696.8	-99.47	-36	PASS
1	20	18300	1	#0	QPSK	738-821	1000	811.372	-89.19	-50	PASS
1	20	18300	1	#0	QPSK	821-925	100	878.7	-98.75	-36	PASS
1	20	18300	1	#0	QPSK	925-960	1000	954.505	-89.14	-50	PASS
1	20	18300	1	#0	QPSK	960-1000	100	985.08	-98.65	-36	PASS
1	20	18300	1	#0	QPSK	1000-1452	1000	1406.8	-87.14	-30	PASS
1	20	18300	1	#0	QPSK	1452-1496	1000	1464.232	-87.18	-50	PASS
1	20	18300	1	#0	QPSK	1496-1805	1000	1794.494	-86.93	-30	PASS
1	20	18300	1	#0	QPSK	1805-1880	1000	1868.525	-85.72	-50	PASS
1	20	18300	1	#0	QPSK	1880-1895	1000	1888.22	-85.33	-30	PASS
1	20	18300	1	#0	QPSK	1895-1915	5000	1904.52	-63.19	-15.5	PASS
1	20	18300	1	#0	QPSK	1915-1920	5000	1917.5	-82.07	1.6	PASS
1	20	18300	1	#0	QPSK	1980-2110	1000	1984.68	-85.12	-30	PASS
1	20	18300	1	#0	QPSK	2010-2025	1000	2016.78	-84.91	-50	PASS
1	20	18300	1	#0	QPSK	2025-2110	1000	2064.78	-84.89	-30	PASS
1	20	18300	1	#0	QPSK	2110-2200	1000	2146.09	-83.45	-50	PASS
1	20	18300	1	#0	QPSK	2200-2300	1000	2274.7	-84.48	-30	PASS
1	20	18300	1	#0	QPSK	2300-2400	1000	2399.1	-83.80	-50	PASS
1	20	18300	1	#0	QPSK	2400-2570	1000	2539.74	-82.72	-30	PASS
1	20	18300	1	#0	QPSK	2570-2690	1000	2574.68	-82.75	-50	PASS
1	20	18300	1	#0	QPSK	2690-3400	1000	3188.42	-83.15	-30	PASS
1	20	18300	1	#0	QPSK	3400-3800	1000	3662.4	-82.39	-50	PASS
1	20	18300	1	#0	QPSK	3800-12750	1000	3882	-57.58	-30	PASS
1	20	18300	1	#Max	QPSK	0.009-0.15	1	0.063003	-99.01	-36	PASS
1	20	18300	1	#Max	QPSK	0.15-30	10	0.18	-100.35	-36	PASS

1	20	18300	1	#Max	QPSK	30-462.5	100	415.4	-99.81	-36	PASS
1	20	18300	1	#Max	QPSK	462.5-467.5	1000	463.44	-90.91	-50	PASS
1	20	18300	1	#Max	QPSK	467.5-738	100	731	-99.52	-36	PASS
1	20	18300	1	#Max	QPSK	738-821	1000	812.866	-89.74	-50	PASS
1	20	18300	1	#Max	QPSK	821-925	100	898.5	-99.09	-36	PASS
1	20	18300	1	#Max	QPSK	925-960	1000	957.655	-89.10	-50	PASS
1	20	18300	1	#Max	QPSK	960-1000	100	963.44	-97.96	-36	PASS
1	20	18300	1	#Max	QPSK	1000-1452	1000	1419.908	-86.41	-30	PASS
1	20	18300	1	#Max	QPSK	1452-1496	1000	1453.936	-87.38	-50	PASS
1	20	18300	1	#Max	QPSK	1496-1805	1000	1751.543	-86.56	-30	PASS
1	20	18300	1	#Max	QPSK	1805-1880	1000	1839.2	-85.23	-50	PASS
1	20	18300	1	#Max	QPSK	1880-1895	1000	1893.8	-85.66	-30	PASS
1	20	18300	1	#Max	QPSK	1895-1915	5000	1898.32	-79.12	-15.5	PASS
1	20	18300	1	#Max	QPSK	1915-1920	5000	1917.5	-81.31	1.6	PASS
1	20	18300	1	#Max	QPSK	1980-2110	1000	1995.08	-73.77	-30	PASS
1	20	18300	1	#Max	QPSK	2010-2025	1000	2023.98	-84.95	-50	PASS
1	20	18300	1	#Max	QPSK	2025-2110	1000	2045.315	-84.62	-30	PASS
1	20	18300	1	#Max	QPSK	2110-2200	1000	2142.94	-83.32	-50	PASS
1	20	18300	1	#Max	QPSK	2200-2300	1000	2289.4	-84.92	-30	PASS
1	20	18300	1	#Max	QPSK	2300-2400	1000	2393.2	-83.87	-50	PASS
1	20	18300	1	#Max	QPSK	2400-2570	1000	2513.9	-83.34	-30	PASS
1	20	18300	1	#Max	QPSK	2570-2690	1000	2676.68	-82.70	-50	PASS
1	20	18300	1	#Max	QPSK	2690-3400	1000	3161.44	-82.76	-30	PASS
1	20	18300	1	#Max	QPSK	3400-3800	1000	3645.6	-81.88	-50	PASS
1	20	18300	1	#Max	QPSK	3800-12750	1000	3917	-53.72	-30	PASS
1	20	18300	100	#0	QPSK	0.009-0.15	1	0.062862	-98.64	-36	PASS
1	20	18300	100	#0	QPSK	0.15-30	10	0.16	-100.36	-36	PASS
1	20	18300	100	#0	QPSK	30-462.5	100	411.3	-100.23	-36	PASS
1	20	18300	100	#0	QPSK	462.5-467.5	1000	464.02	-90.27	-50	PASS
1	20	18300	100	#0	QPSK	467.5-738	100	720.8	-99.31	-36	PASS
1	20	18300	100	#0	QPSK	738-821	1000	810.044	-89.45	-50	PASS
1	20	18300	100	#0	QPSK	821-925	100	910.5	-98.74	-36	PASS
1	20	18300	100	#0	QPSK	925-960	1000	952.79	-88.88	-50	PASS
1	20	18300	100	#0	QPSK	960-1000	100	980.52	-98.18	-36	PASS
1	20	18300	100	#0	QPSK	1000-1452	1000	1448.384	-87.17	-30	PASS
1	20	18300	100	#0	QPSK	1452-1496	1000	1455.3	-87.21	-50	PASS
1	20	18300	100	#0	QPSK	1496-1805	1000	1563.671	-86.23	-30	PASS
1	20	18300	100	#0	QPSK	1805-1880	1000	1843.55	-86.19	-50	PASS
1	20	18300	100	#0	QPSK	1880-1895	1000	1892.21	-81.77	-30	PASS
1	20	18300	100	#0	QPSK	1895-1915	5000	1900.12	-64.01	-15.5	PASS
1	20	18300	100	#0	QPSK	1915-1920	5000	1917.5	-80.62	1.6	PASS
1	20	18300	100	#0	QPSK	1980-2110	1000	1990.53	-75.01	-30	PASS

1	20	18300	100	#0	QPSK	2010-2025	1000	2013.57	-83.73	-50	PASS
1	20	18300	100	#0	QPSK	2025-2110	1000	2038.175	-84.78	-30	PASS
1	20	18300	100	#0	QPSK	2110-2200	1000	2144.2	-82.86	-50	PASS
1	20	18300	100	#0	QPSK	2200-2300	1000	2295.1	-84.36	-30	PASS
1	20	18300	100	#0	QPSK	2300-2400	1000	2389	-84.38	-50	PASS
1	20	18300	100	#0	QPSK	2400-2570	1000	2556.23	-83.25	-30	PASS
1	20	18300	100	#0	QPSK	2570-2690	1000	2681.48	-82.32	-50	PASS
1	20	18300	100	#0	QPSK	2690-3400	1000	3173.51	-83.00	-30	PASS
1	20	18300	100	#0	QPSK	3400-3800	1000	3703.2	-82.21	-50	PASS
1	20	18300	100	#0	QPSK	3800-12750	1000	3887	-72.44	-30	PASS
1	20	18500	1	#0	QPSK	0.009-0.15	1	0.063003	-99.72	-36	PASS
1	20	18500	1	#0	QPSK	0.15-30	10	0.16	-99.58	-36	PASS
1	20	18500	1	#0	QPSK	30-462.5	100	445.9	-99.98	-36	PASS
1	20	18500	1	#0	QPSK	462.5-467.5	1000	464.47	-90.07	-50	PASS
1	20	18500	1	#0	QPSK	467.5-738	100	735.7	-99.53	-36	PASS
1	20	18500	1	#0	QPSK	738-821	1000	753.604	-89.34	-50	PASS
1	20	18500	1	#0	QPSK	821-925	100	842.1	-99.29	-36	PASS
1	20	18500	1	#0	QPSK	925-960	1000	926.54	-89.11	-50	PASS
1	20	18500	1	#0	QPSK	960-1000	100	966.28	-98.10	-36	PASS
1	20	18500	1	#0	QPSK	1000-1452	1000	1415.388	-87.09	-30	PASS
1	20	18500	1	#0	QPSK	1452-1496	1000	1458.512	-87.55	-50	PASS
1	20	18500	1	#0	QPSK	1496-1805	1000	1745.981	-87.12	-30	PASS
1	20	18500	1	#0	QPSK	1805-1880	1000	1839.275	-85.76	-50	PASS
1	20	18500	1	#0	QPSK	1880-1895	1000	1881.8	-85.80	-30	PASS
1	20	18500	1	#0	QPSK	1895-1915	5000	1898.3	-79.19	-15.5	PASS
1	20	18500	1	#0	QPSK	1915-1920	5000	1917.5	-82.23	1.6	PASS
1	20	18500	1	#0	QPSK	2005-2110	1000	2100.025	-83.82	-30	PASS
1	20	18500	1	#0	QPSK	2010-2025	1000	2018.22	-84.86	-50	PASS
1	20	18500	1	#0	QPSK	2025-2110	1000	2089.855	-85.02	-30	PASS
1	20	18500	1	#0	QPSK	2110-2200	1000	2168.05	-83.08	-50	PASS
1	20	18500	1	#0	QPSK	2200-2300	1000	2292.2	-84.20	-30	PASS
1	20	18500	1	#0	QPSK	2300-2400	1000	2332.5	-84.24	-50	PASS
1	20	18500	1	#0	QPSK	2400-2570	1000	2563.71	-83.36	-30	PASS
1	20	18500	1	#0	QPSK	2570-2690	1000	2664.68	-82.78	-50	PASS
1	20	18500	1	#0	QPSK	2690-3400	1000	3112.45	-82.92	-30	PASS
1	20	18500	1	#0	QPSK	3400-3800	1000	3668.8	-82.39	-50	PASS
1	20	18500	1	#0	QPSK	3800-12750	1000	3922	-52.26	-30	PASS
1	20	18500	1	#Max	QPSK	0.009-0.15	1	0.062862	-98.36	-36	PASS
1	20	18500	1	#Max	QPSK	0.15-30	10	0.18	-100.40	-36	PASS
1	20	18500	1	#Max	QPSK	30-462.5	100	417.2	-100.28	-36	PASS
1	20	18500	1	#Max	QPSK	462.5-467.5	1000	464.705	-90.45	-50	PASS
1	20	18500	1	#Max	QPSK	467.5-738	100	732.5	-99.71	-36	PASS

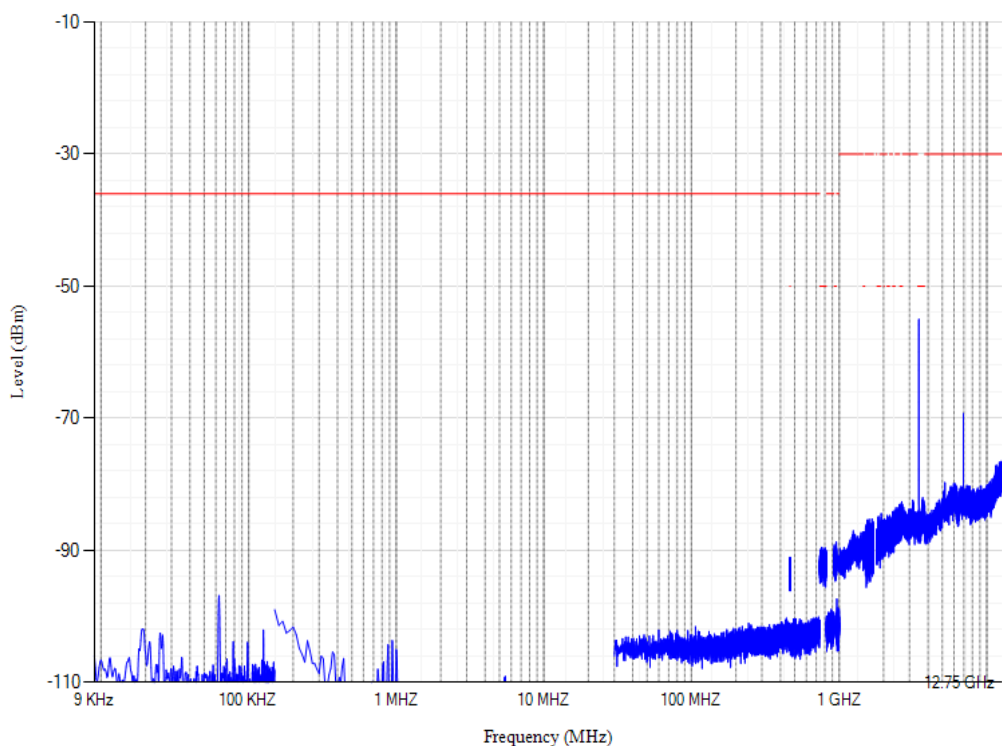
1	20	18500	1	#Max	QPSK	738-821	1000	761.655	-89.65	-50	PASS
1	20	18500	1	#Max	QPSK	821-925	100	901.6	-98.25	-36	PASS
1	20	18500	1	#Max	QPSK	925-960	1000	939.665	-88.92	-50	PASS
1	20	18500	1	#Max	QPSK	960-1000	100	971.88	-98.50	-36	PASS
1	20	18500	1	#Max	QPSK	1000-1452	1000	1256.736	-87.01	-30	PASS
1	20	18500	1	#Max	QPSK	1452-1496	1000	1465.992	-87.19	-50	PASS
1	20	18500	1	#Max	QPSK	1496-1805	1000	1738.874	-86.41	-30	PASS
1	20	18500	1	#Max	QPSK	1805-1880	1000	1831.1	-85.56	-50	PASS
1	20	18500	1	#Max	QPSK	1880-1895	1000	1893.935	-85.97	-30	PASS
1	20	18500	1	#Max	QPSK	1895-1915	5000	1901.04	-79.57	-15.5	PASS
1	20	18500	1	#Max	QPSK	1915-1920	5000	1917.5	-81.77	1.6	PASS
1	20	18500	1	#Max	QPSK	2005-2110	1000	2014.135	-74.13	-30	PASS
1	20	18500	1	#Max	QPSK	2010-2025	1000	2014.605	-75.28	-50	PASS
1	20	18500	1	#Max	QPSK	2025-2110	1000	2056.62	-84.44	-30	PASS
1	20	18500	1	#Max	QPSK	2110-2200	1000	2168.14	-83.46	-50	PASS
1	20	18500	1	#Max	QPSK	2200-2300	1000	2272.4	-83.83	-30	PASS
1	20	18500	1	#Max	QPSK	2300-2400	1000	2347.5	-84.37	-50	PASS
1	20	18500	1	#Max	QPSK	2400-2570	1000	2533.79	-82.92	-30	PASS
1	20	18500	1	#Max	QPSK	2570-2690	1000	2671.88	-82.67	-50	PASS
1	20	18500	1	#Max	QPSK	2690-3400	1000	3183.45	-82.84	-30	PASS
1	20	18500	1	#Max	QPSK	3400-3800	1000	3634.4	-82.24	-50	PASS
1	20	18500	1	#Max	QPSK	3800-12750	1000	3957	-55.08	-30	PASS
1	20	18500	100	#0	QPSK	0.009-0.15	1	0.078654	-99.52	-36	PASS
1	20	18500	100	#0	QPSK	0.15-30	10	0.17	-100.65	-36	PASS
1	20	18500	100	#0	QPSK	30-462.5	100	438.7	-100.06	-36	PASS
1	20	18500	100	#0	QPSK	462.5-467.5	1000	465.35	-90.69	-50	PASS
1	20	18500	100	#0	QPSK	467.5-738	100	690.4	-98.92	-36	PASS
1	20	18500	100	#0	QPSK	738-821	1000	781.409	-89.63	-50	PASS
1	20	18500	100	#0	QPSK	821-925	100	832.5	-80.40	-36	PASS
1	20	18500	100	#0	QPSK	925-960	1000	947.33	-89.16	-50	PASS
1	20	18500	100	#0	QPSK	960-1000	100	998.36	-98.42	-36	PASS
1	20	18500	100	#0	QPSK	1000-1452	1000	1413.58	-86.98	-30	PASS
1	20	18500	100	#0	QPSK	1452-1496	1000	1460.448	-87.51	-50	PASS
1	20	18500	100	#0	QPSK	1496-1805	1000	1766.375	-86.66	-30	PASS
1	20	18500	100	#0	QPSK	1805-1880	1000	1869.2	-85.72	-50	PASS
1	20	18500	100	#0	QPSK	1880-1895	1000	1894.265	-85.46	-30	PASS
1	20	18500	100	#0	QPSK	1895-1915	5000	1901.8	-68.44	-15.5	PASS
1	20	18500	100	#0	QPSK	1915-1920	5000	1917.5	-82.14	1.6	PASS
1	20	18500	100	#0	QPSK	2005-2110	1000	2011.3	-74.80	-30	PASS
1	20	18500	100	#0	QPSK	2010-2025	1000	2010.825	-76.41	-50	PASS
1	20	18500	100	#0	QPSK	2025-2110	1000	2105.325	-84.40	-30	PASS
1	20	18500	100	#0	QPSK	2110-2200	1000	2164.72	-83.40	-50	PASS



1	20	18500	100	#0	QPSK	2200-2300	1000	2240	-83.85	-30	PASS
1	20	18500	100	#0	QPSK	2300-2400	1000	2374	-84.02	-50	PASS
1	20	18500	100	#0	QPSK	2400-2570	1000	2564.73	-83.31	-30	PASS
1	20	18500	100	#0	QPSK	2570-2690	1000	2663.48	-81.73	-50	PASS
1	20	18500	100	#0	QPSK	2690-3400	1000	2760.29	-82.60	-30	PASS
1	20	18500	100	#0	QPSK	3400-3800	1000	3631.2	-82.35	-50	PASS
1	20	18500	100	#0	QPSK	3800-12750	1000	3939	-63.45	-30	PASS

Band3 QPSK BW=1.4MHz Channel=19457 RB Size=1 Position=#0.png

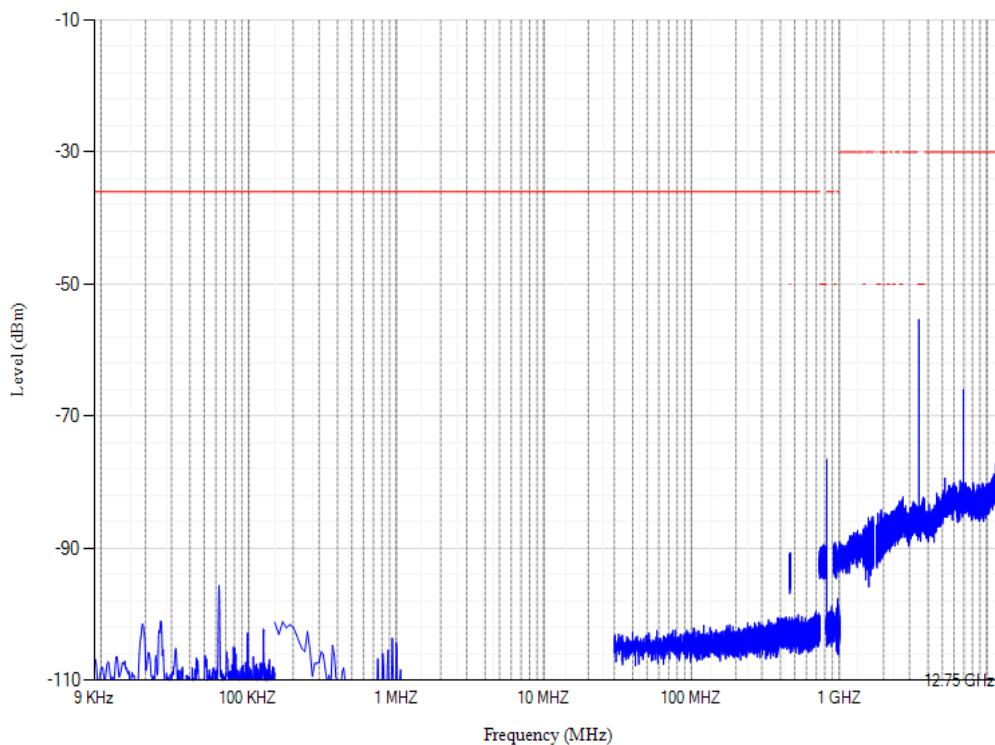
## Conducted spurious emissions



Band3 QPSK BW=1.4MHz Channel=19457 RB Size=1 Position=#Max.png

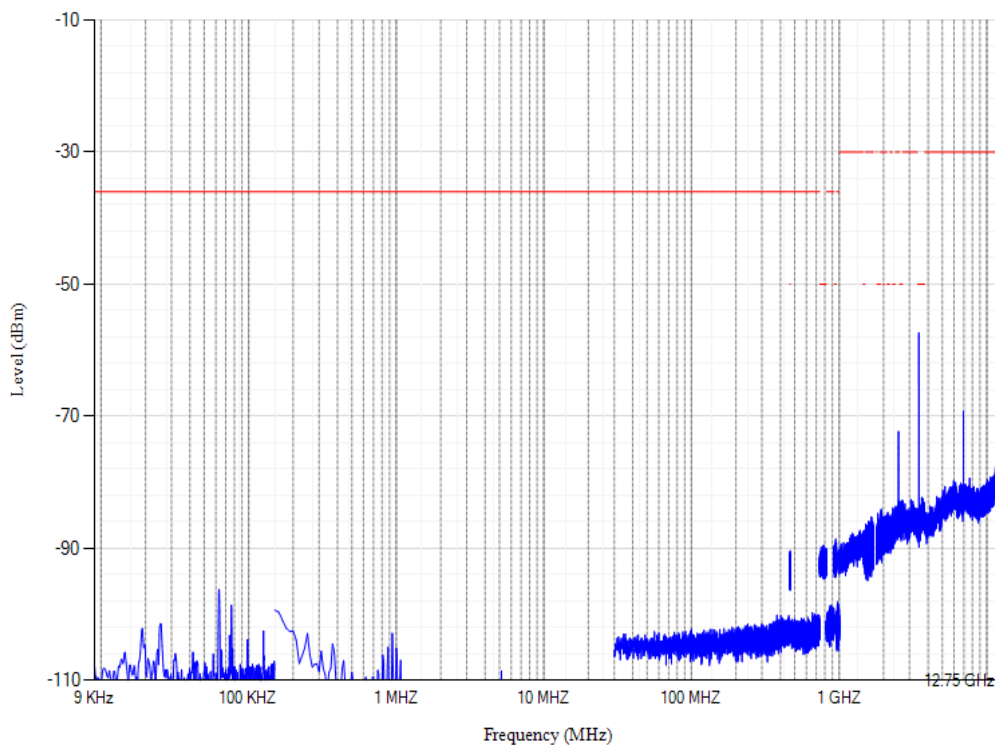


## Conducted spurious emissions



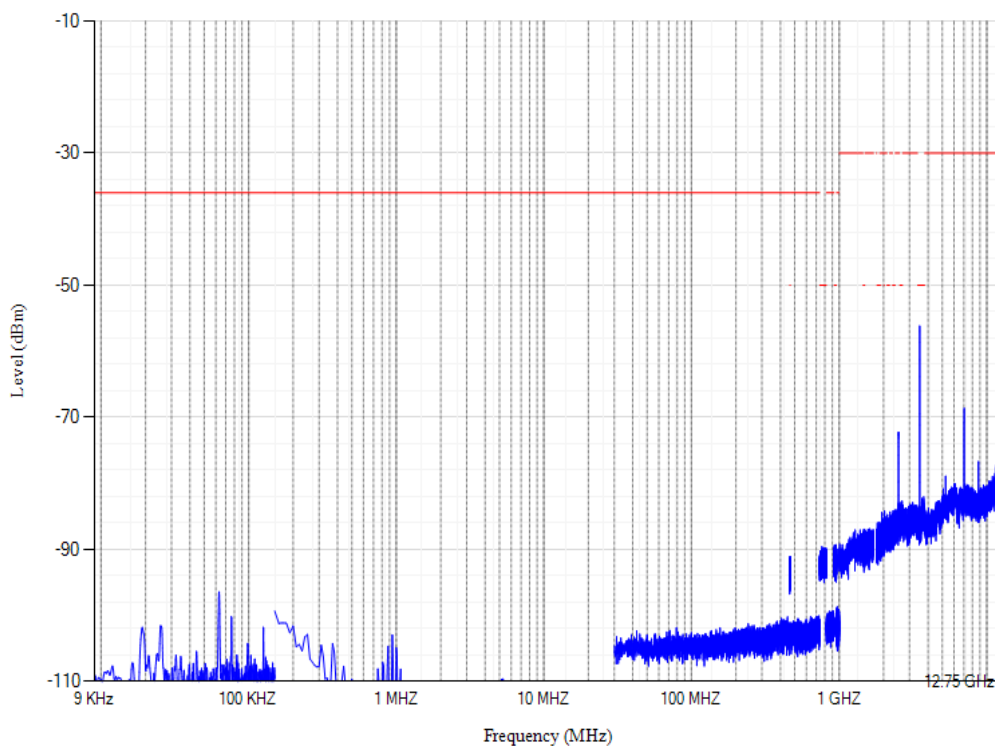
Band3 QPSK BW=1.4MHz Channel=19457 RB Size=6 Position=#0.png

## Conducted spurious emissions



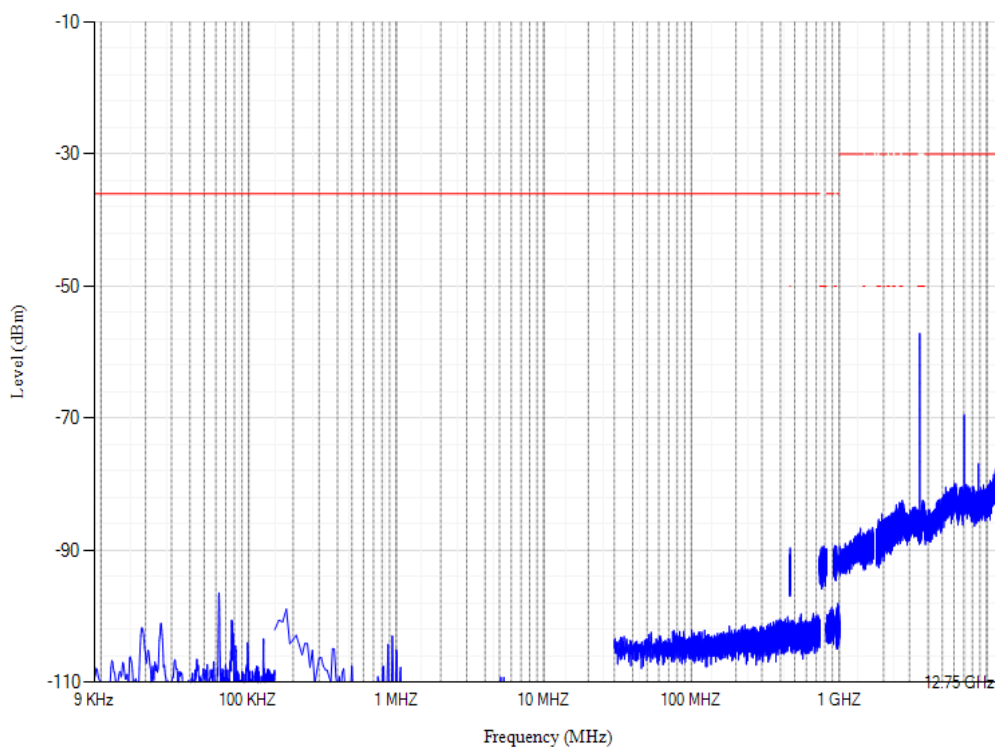
Band3 QPSK BW=1.4MHz Channel=19675 RB Size=1 Position=#0.png

## Conducted spurious emissions



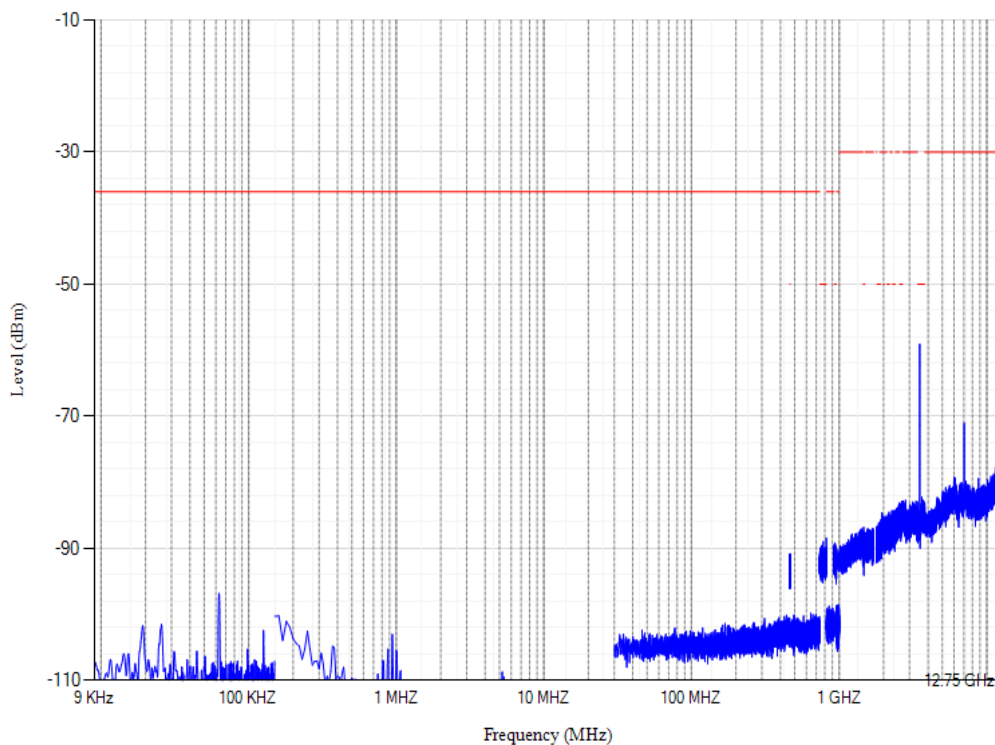
Band3 QPSK BW=1.4MHz Channel=19675 RB Size=1 Position=#Max.png

## Conducted spurious emissions



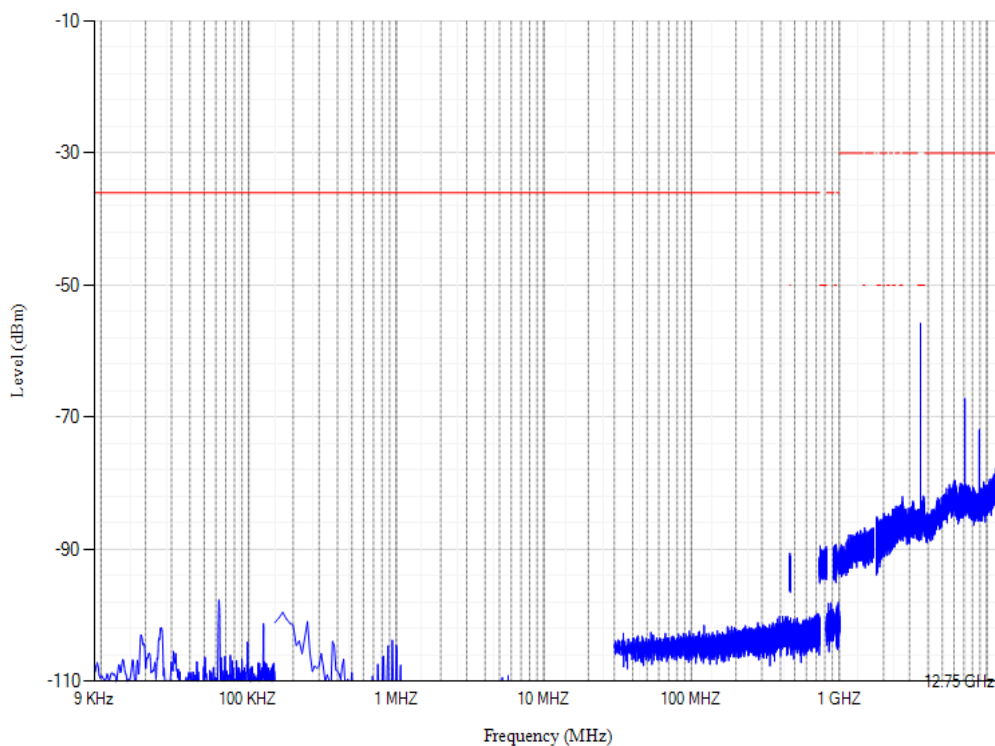
Band3 QPSK BW=1.4MHz Channel=19675 RB Size=6 Position=#0.png

## Conducted spurious emissions



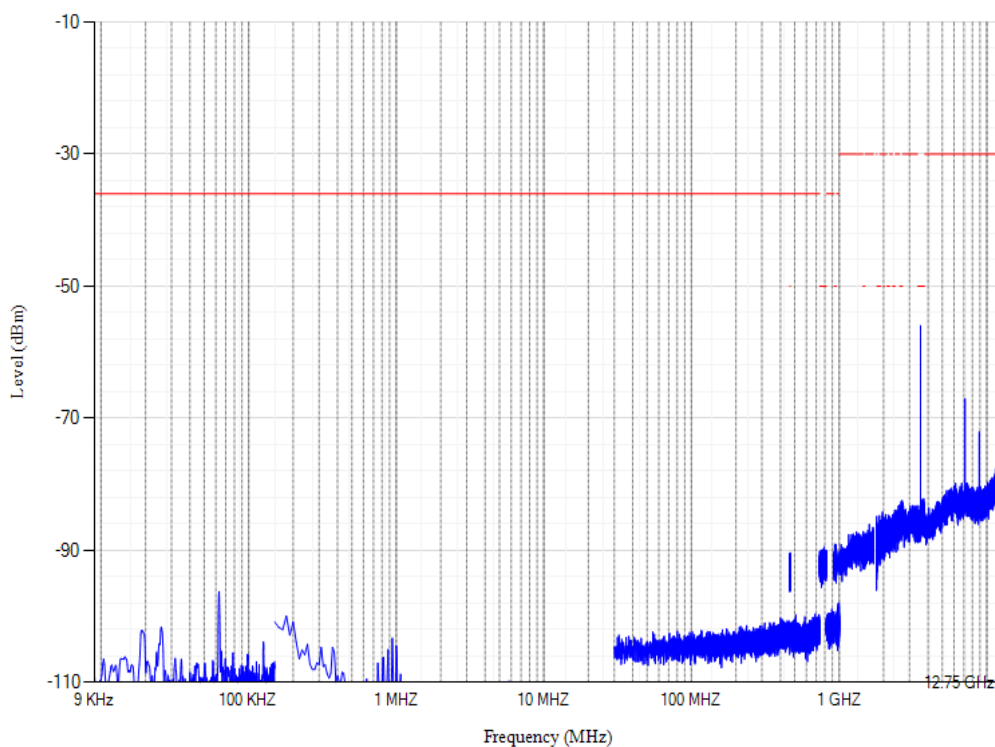
Band3 QPSK BW=1.4MHz Channel=19893 RB Size=1 Position=#0.png

## Conducted spurious emissions



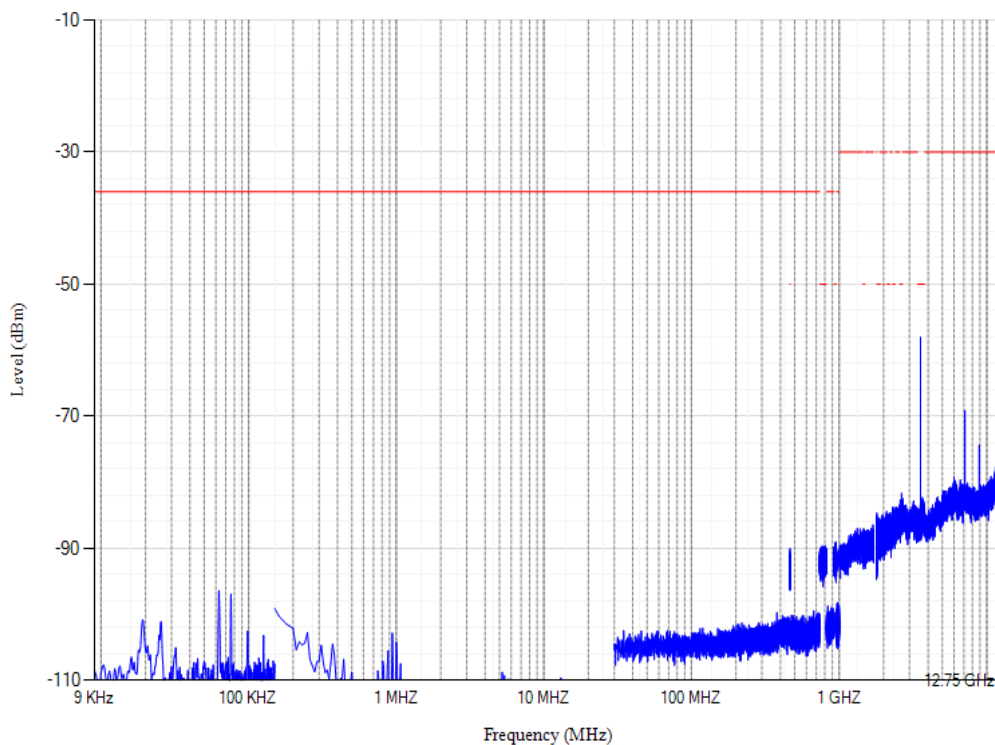
Band3 QPSK BW=1.4MHz Channel=19893 RB Size=1 Position=#Max.png

## Conducted spurious emissions



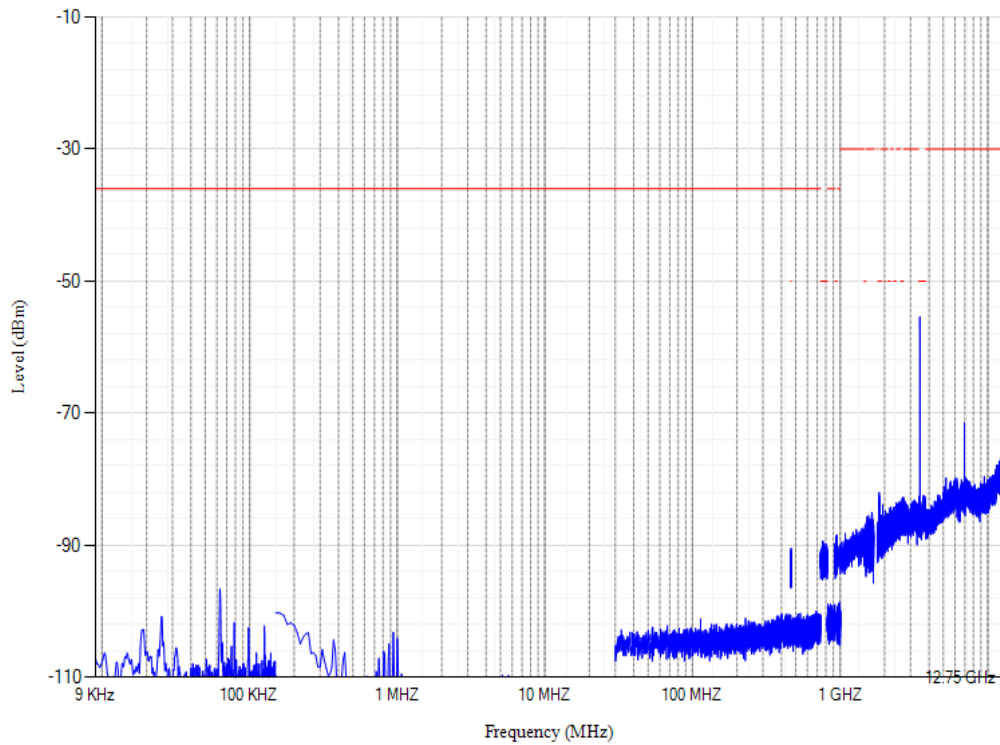
Band3 QPSK BW=1.4MHz Channel=19893 RB Size=6 Position=#0.png

## Conducted spurious emissions



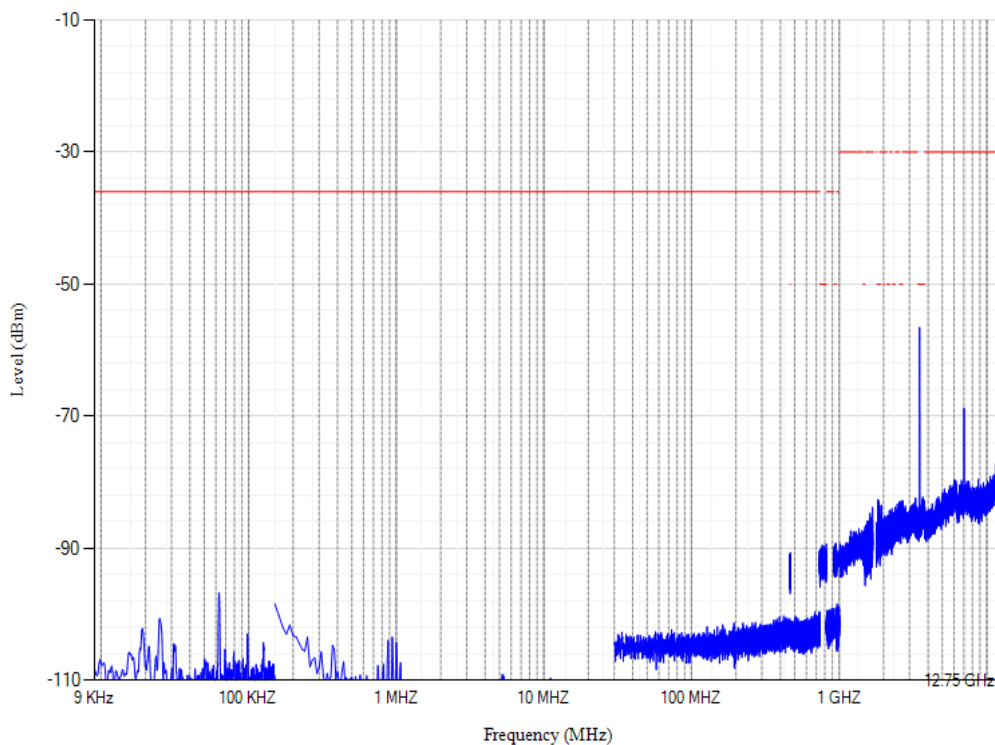
Band3 QPSK BW=20MHz Channel=19550 RB Size=1 Position=#0.png

## Conducted spurious emissions



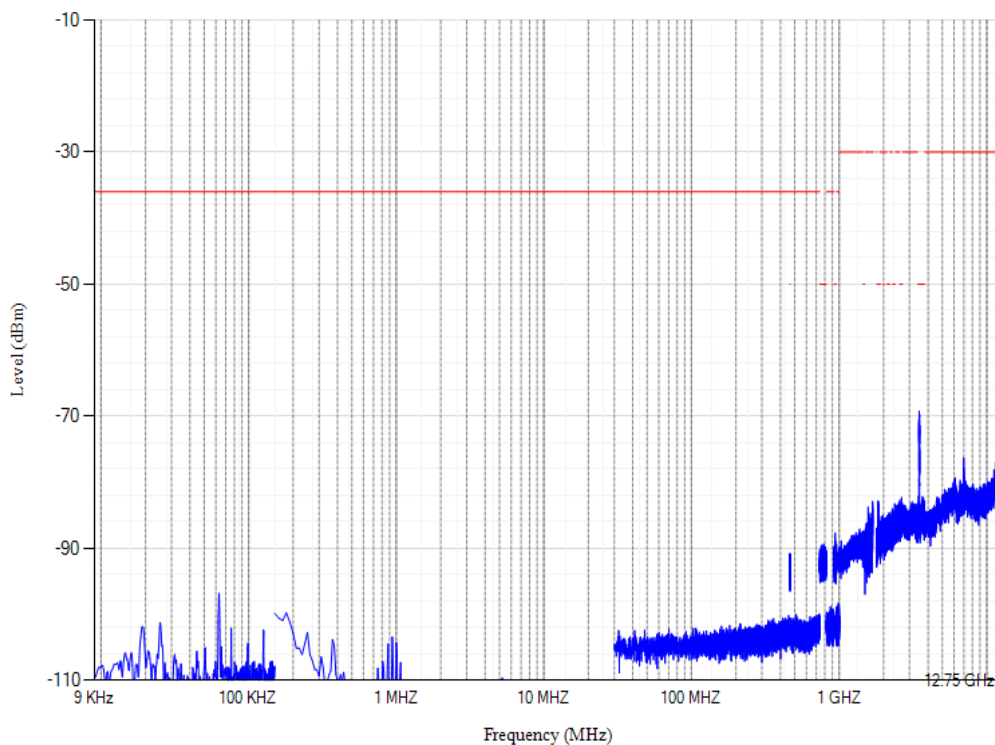
Band3 QPSK BW=20MHz Channel=19550 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band3 QPSK BW=20MHz Channel=19550 RB Size=100 Position=#0.png

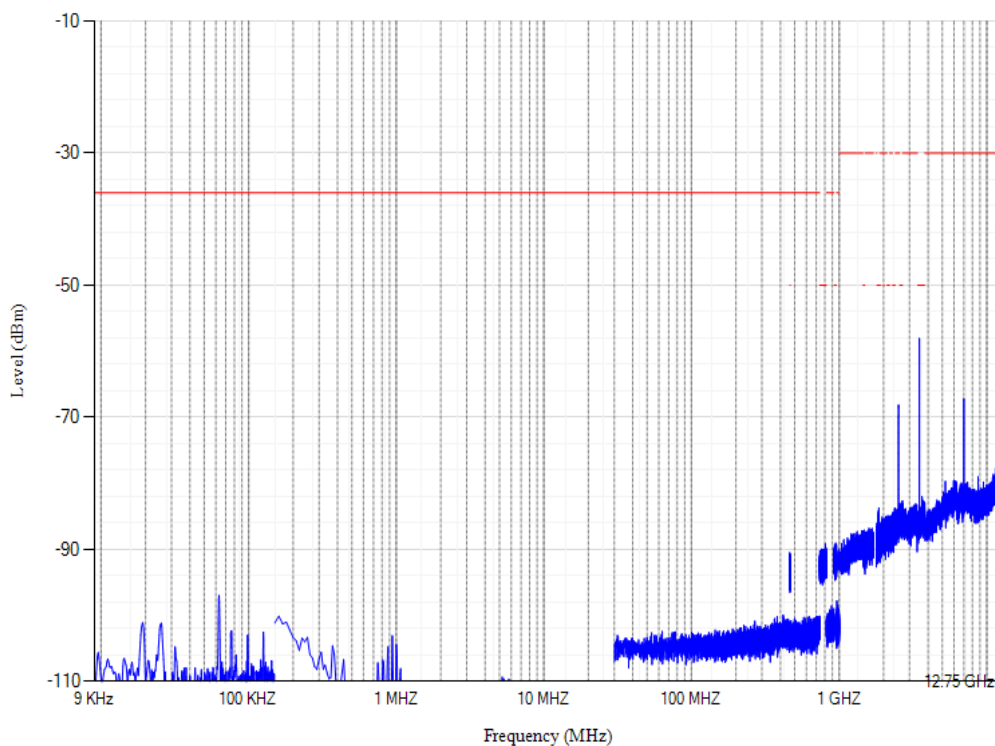
## Conducted spurious emissions





Band3 QPSK BW=20MHz Channel=19675 RB Size=1 Position=#0.png

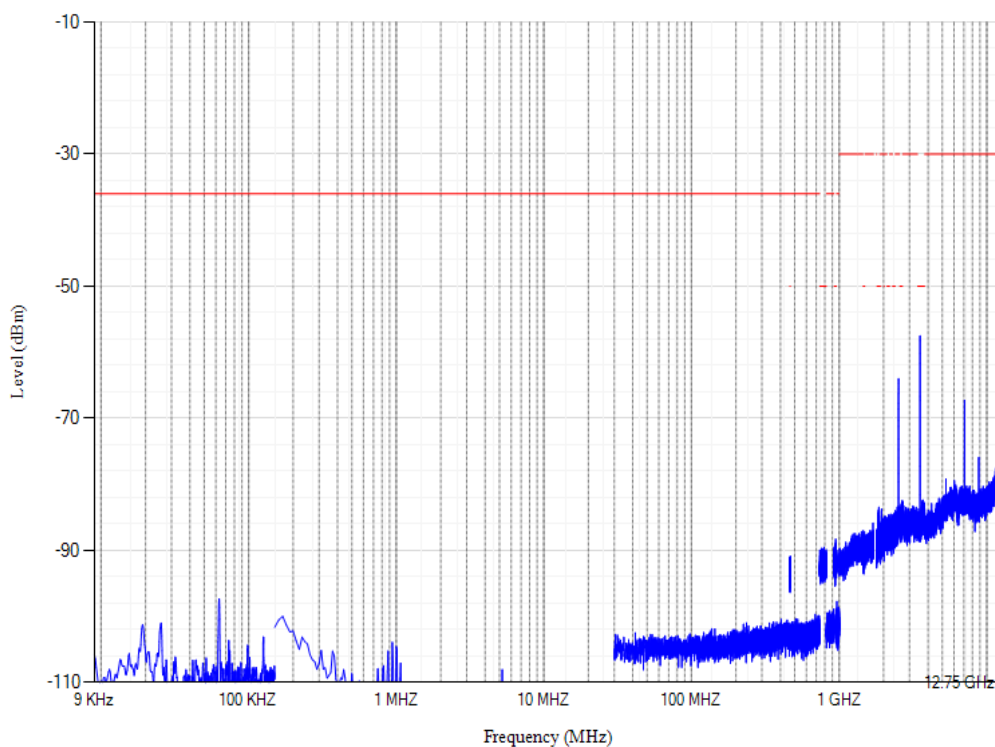
## Conducted spurious emissions



Band3 QPSK BW=20MHz Channel=19675 RB Size=1 Position=#Max.png

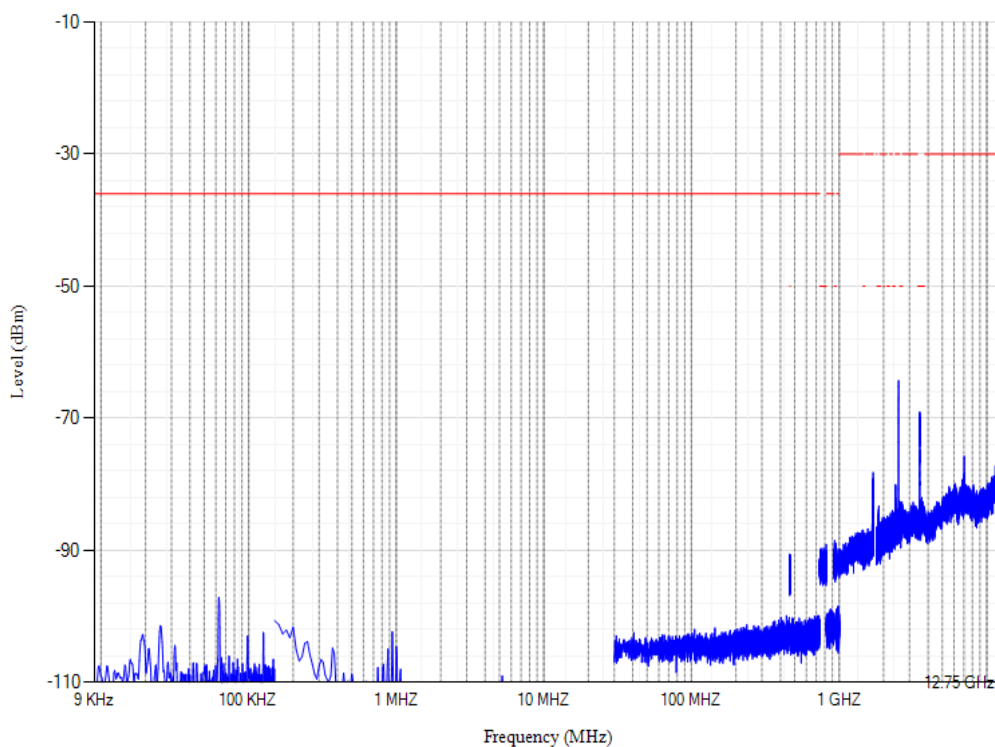


## Conducted spurious emissions



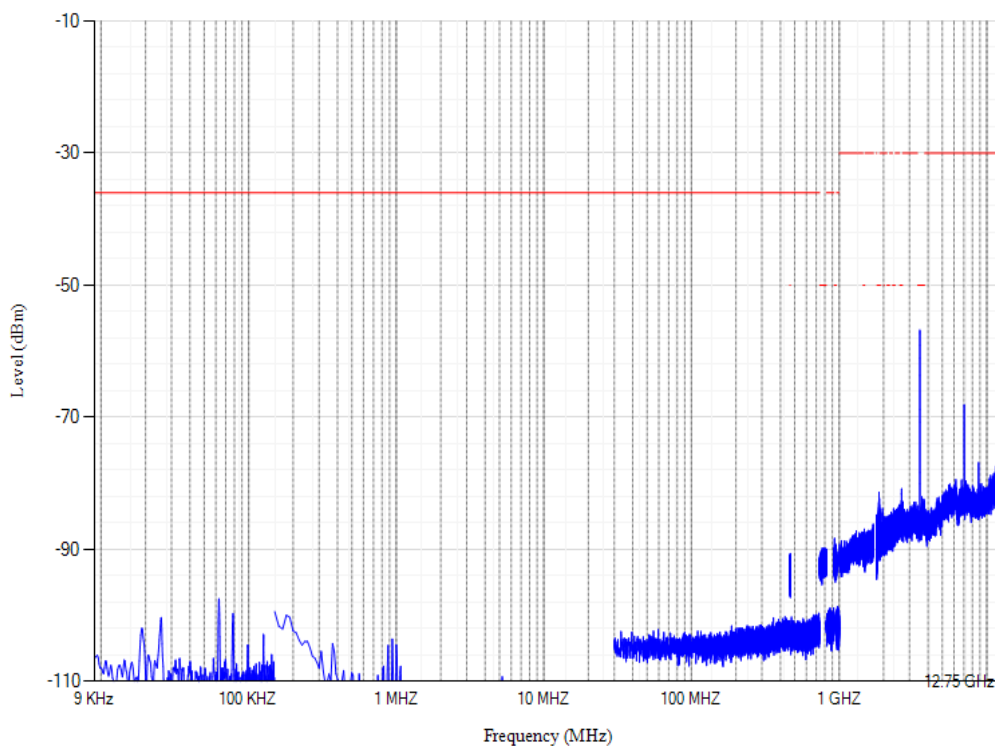
Band3 QPSK BW=20MHz Channel=19675 RB Size=100 Position=#0.png

## Conducted spurious emissions



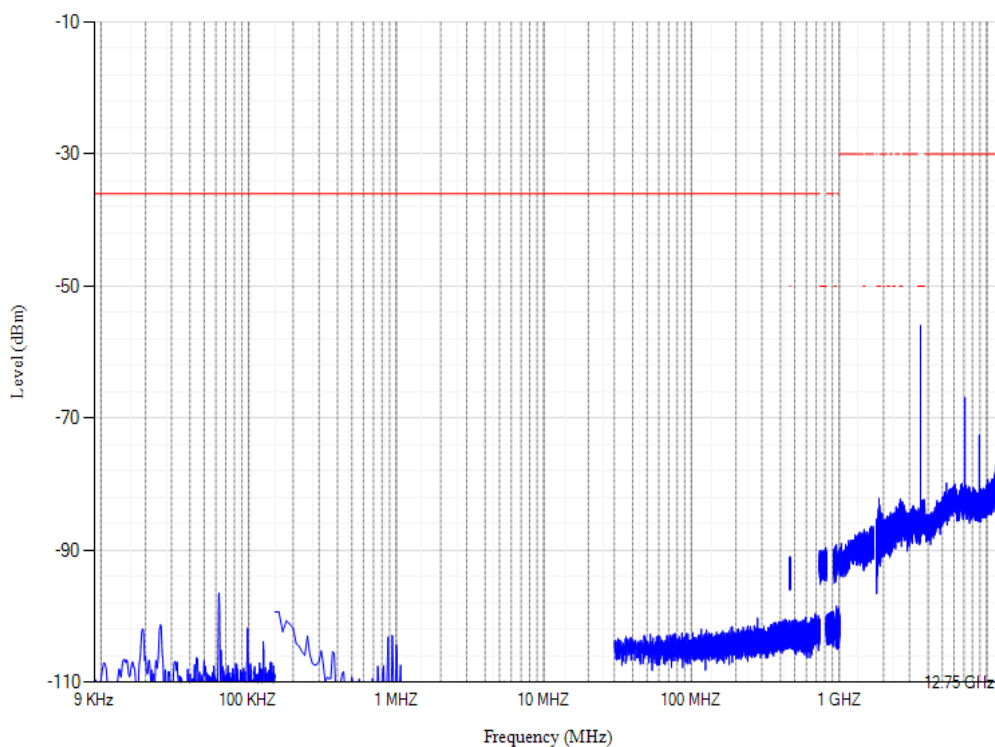
Band3 QPSK BW=20MHz Channel=19800 RB Size=1 Position=#0.png

## Conducted spurious emissions



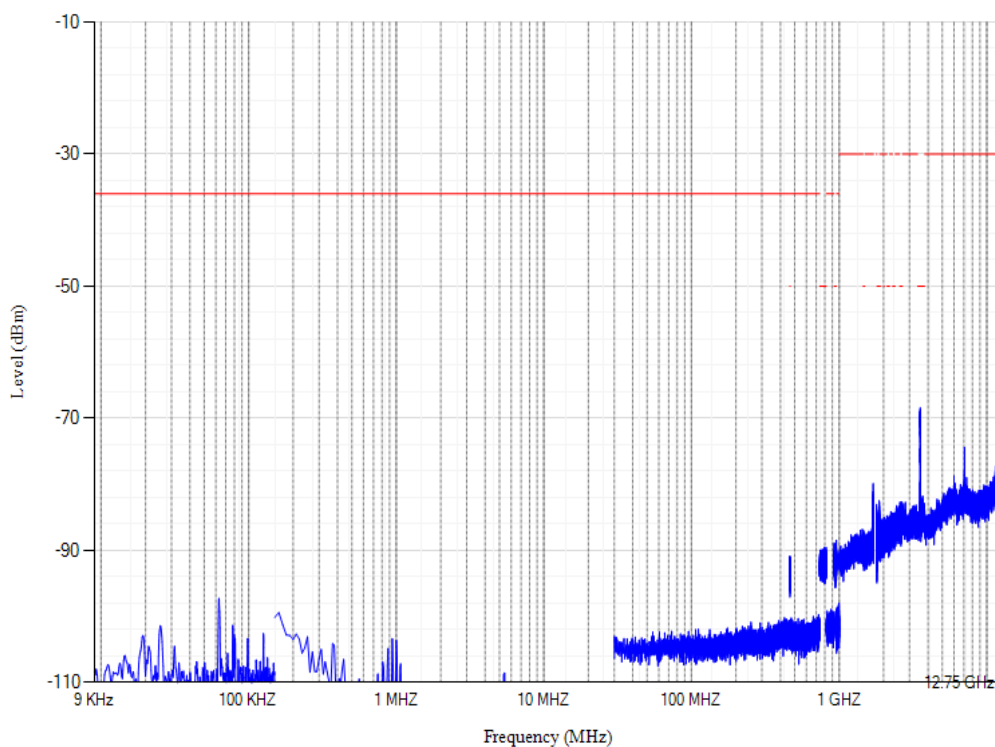
Band3 QPSK BW=20MHz Channel=19800 RB Size=1 Position=#Max.png

## Conducted spurious emissions



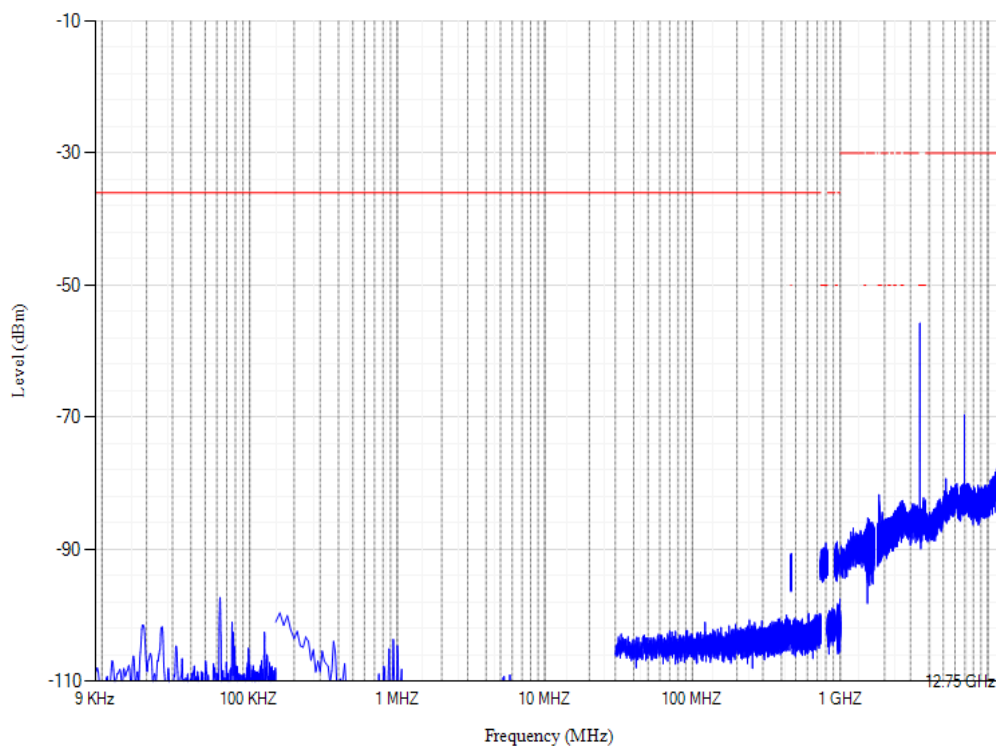
Band3 QPSK BW=20MHz Channel=19800 RB Size=100 Position=#0.png

## Conducted spurious emissions



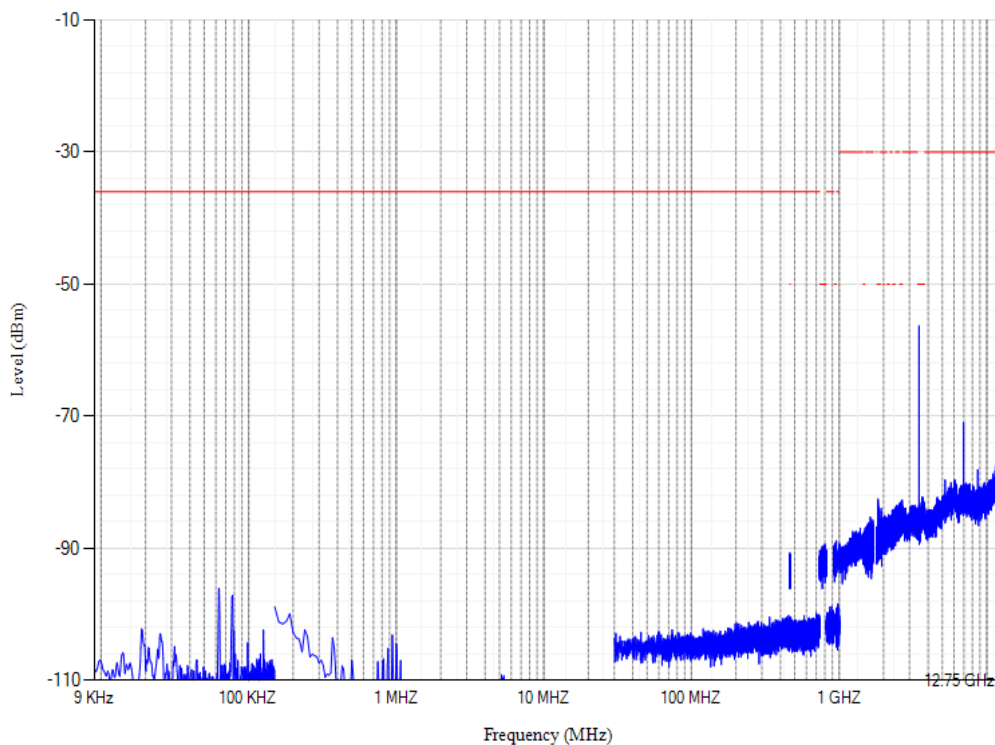
Band3 QPSK BW=5MHz Channel=19475 RB Size=1 Position=#0.png

## Conducted spurious emissions



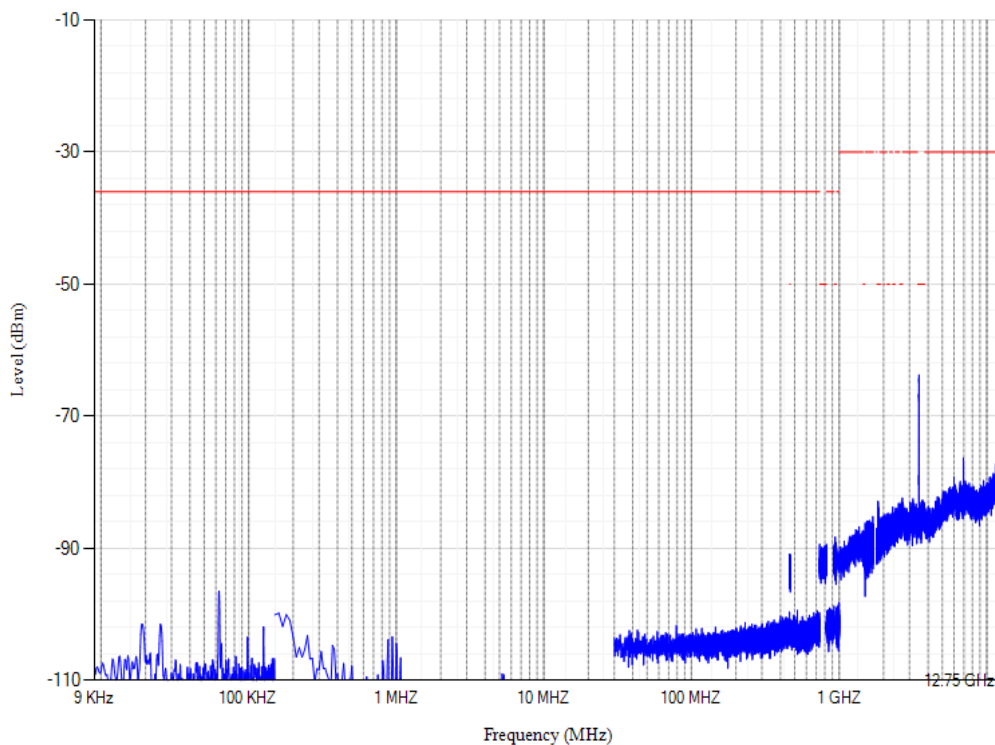
Band3 QPSK BW=5MHz Channel=19475 RB Size=1 Position=#Max.png

## Conducted spurious emissions



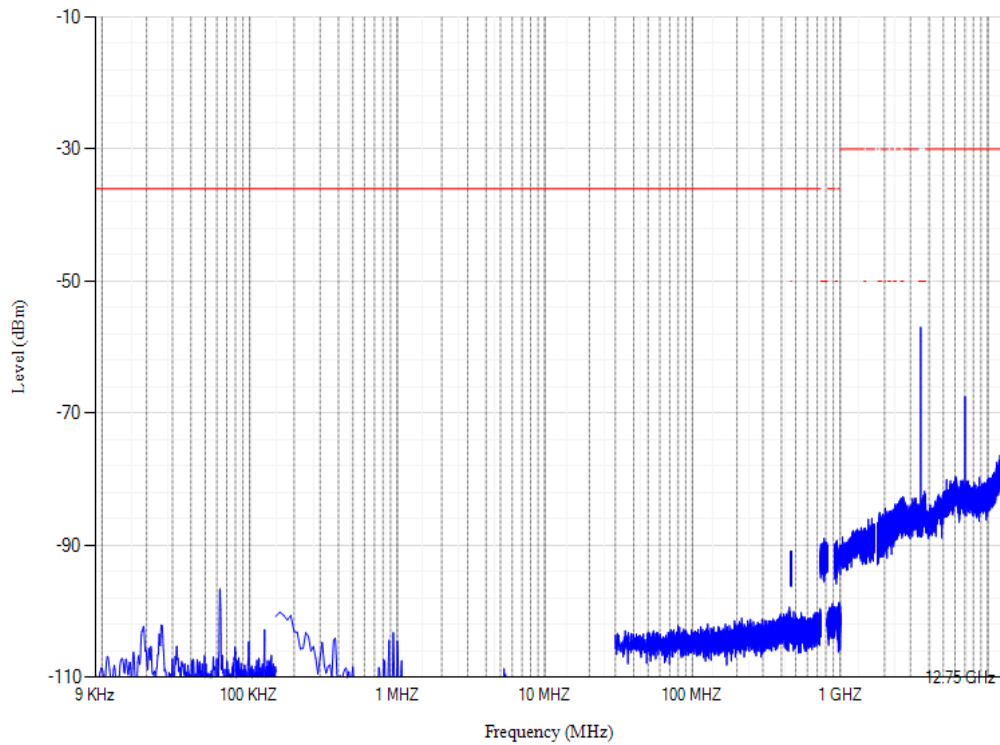
Band3 QPSK BW=5MHz Channel=19475 RB Size=25 Position=#0.png

## Conducted spurious emissions



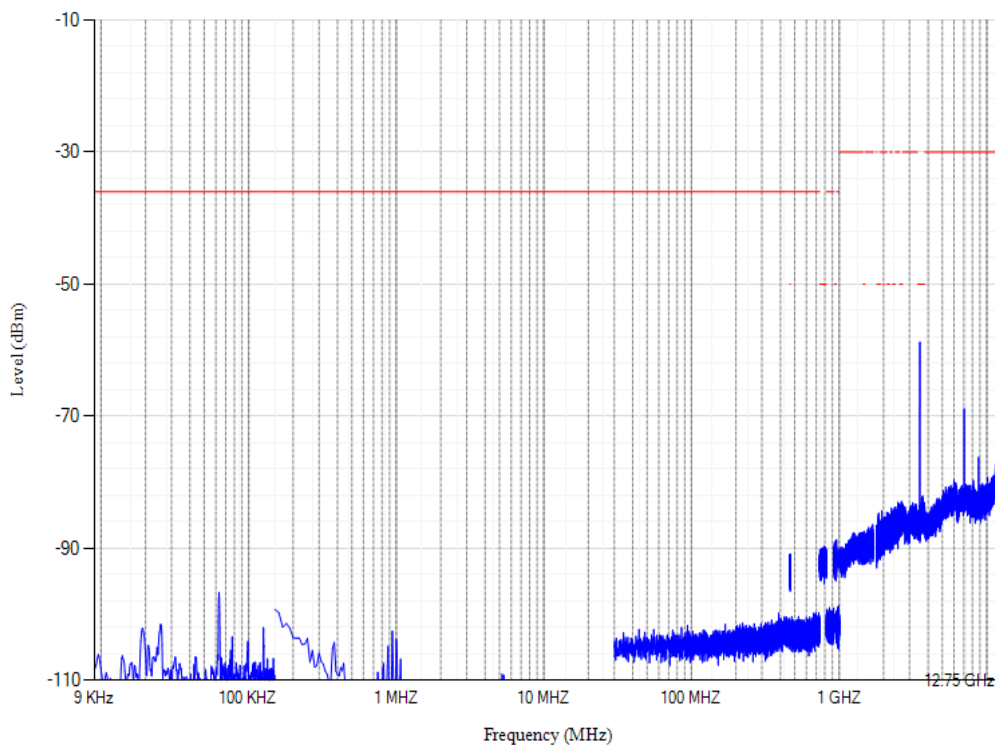
Band3 QPSK BW=5MHz Channel=19675 RB Size=1 Position=#0.png

## Conducted spurious emissions



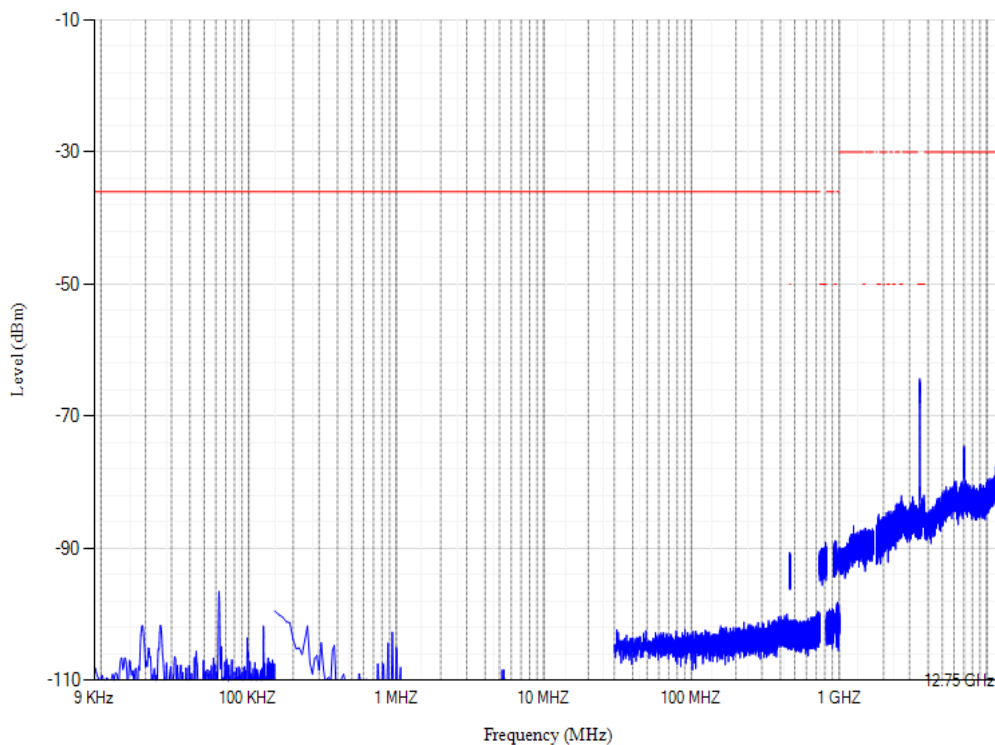
Band3 QPSK BW=5MHz Channel=19675 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band3 QPSK BW=5MHz Channel=19675 RB Size=25 Position=#0.png

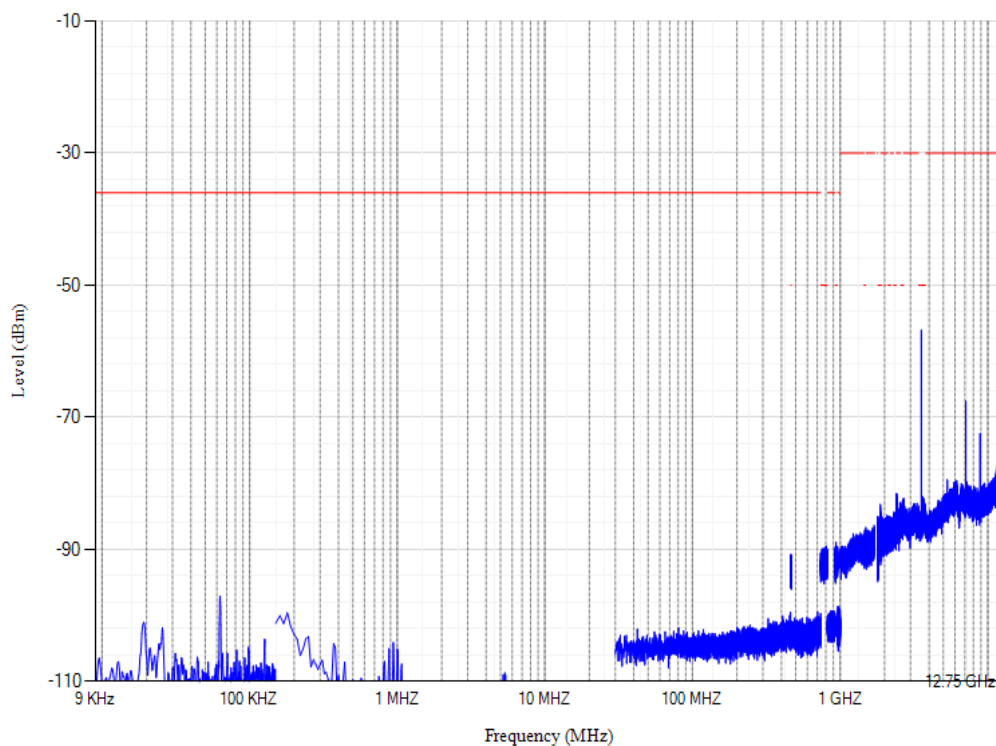
## Conducted spurious emissions





Band3 QPSK BW=5MHz Channel=19875 RB Size=1 Position=#0.png

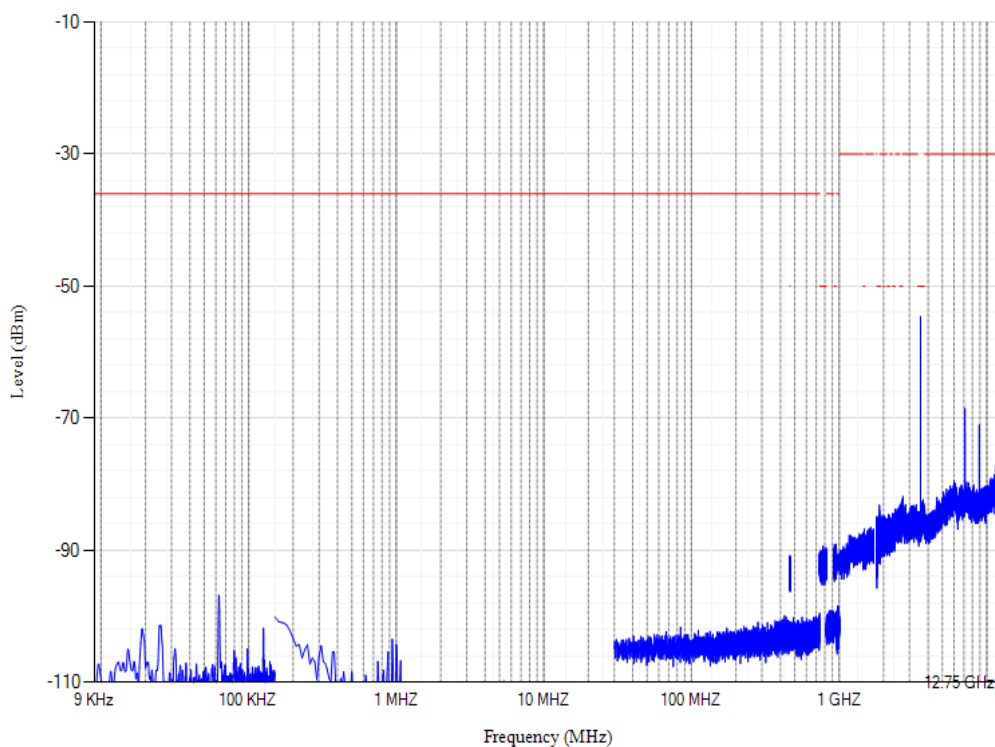
## Conducted spurious emissions



Band3 QPSK BW=5MHz Channel=19875 RB Size=1 Position=#Max.png

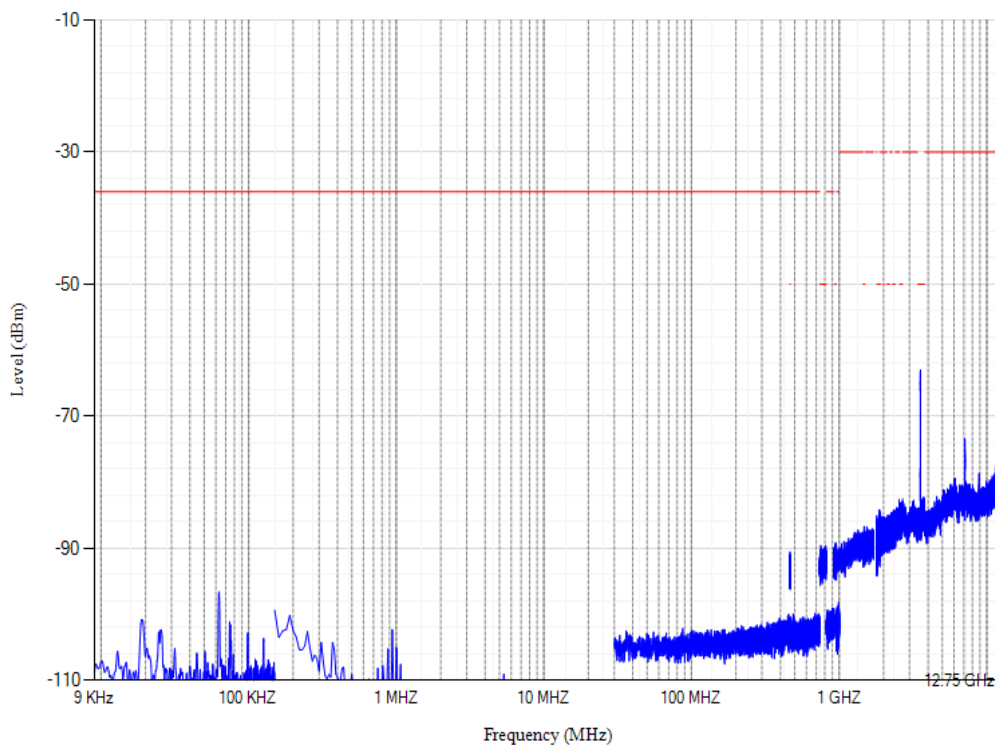


## Conducted spurious emissions



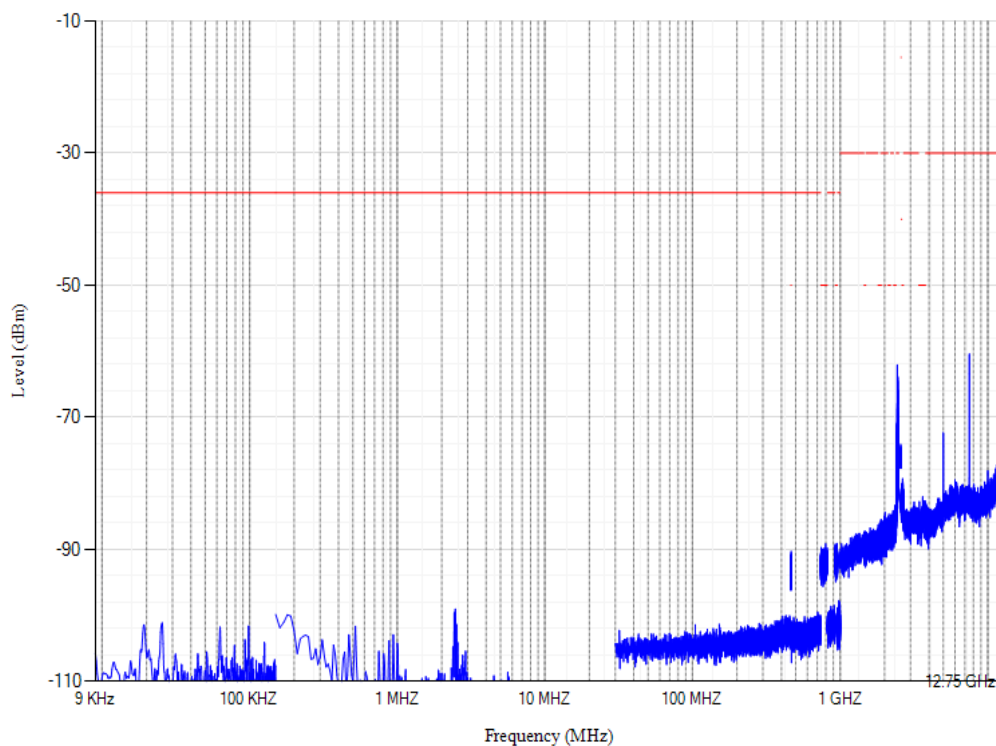
Band3 QPSK BW=5MHz Channel=19875 RB Size=25 Position=#0.png

## Conducted spurious emissions



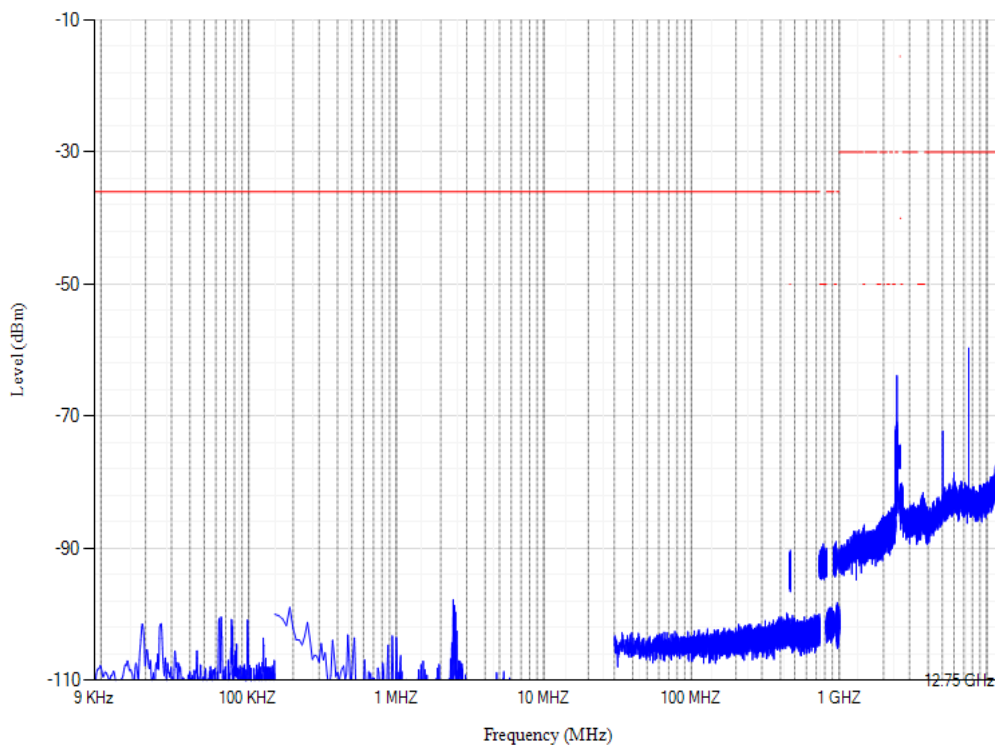
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0.png

## Conducted spurious emissions



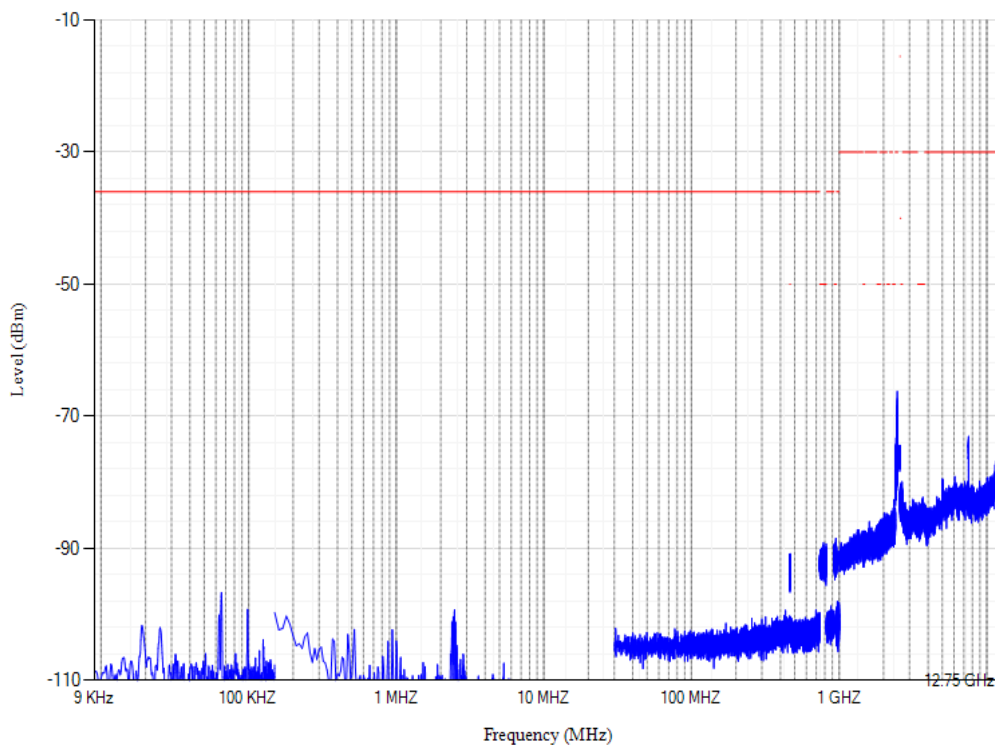
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max.png

## Conducted spurious emissions



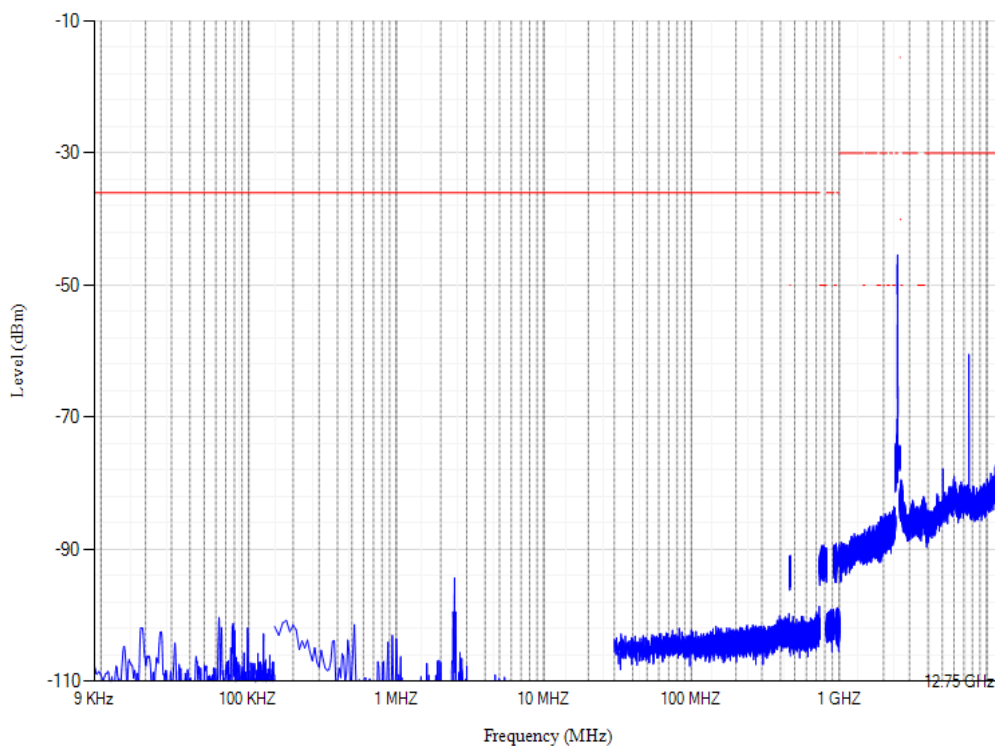
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0.png

## Conducted spurious emissions



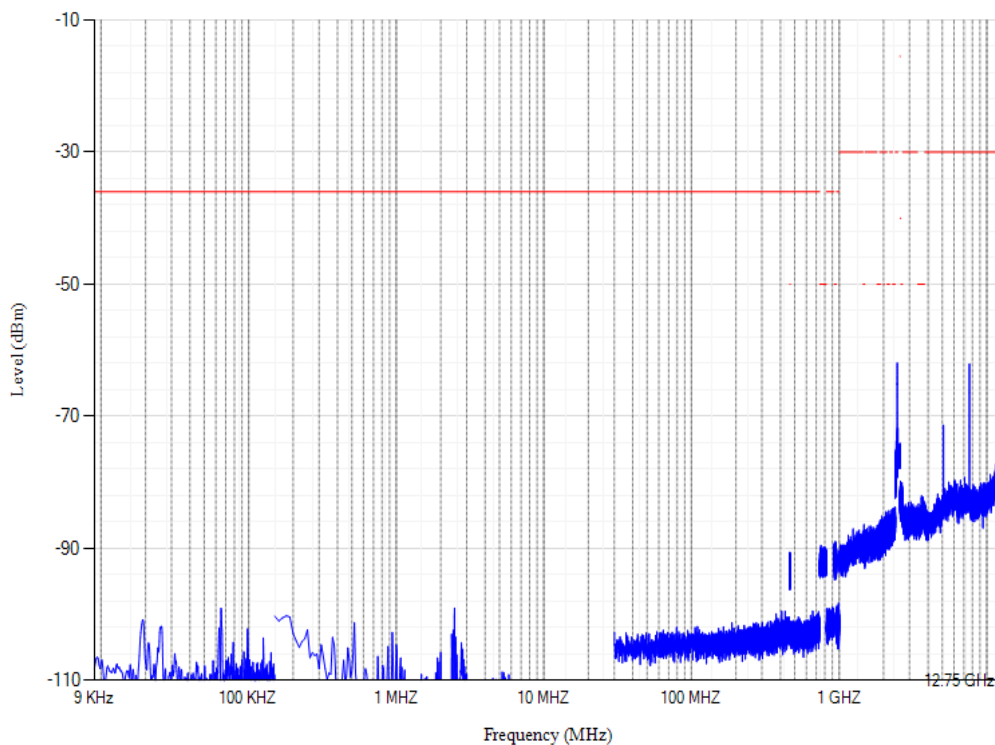
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0.png

## Conducted spurious emissions



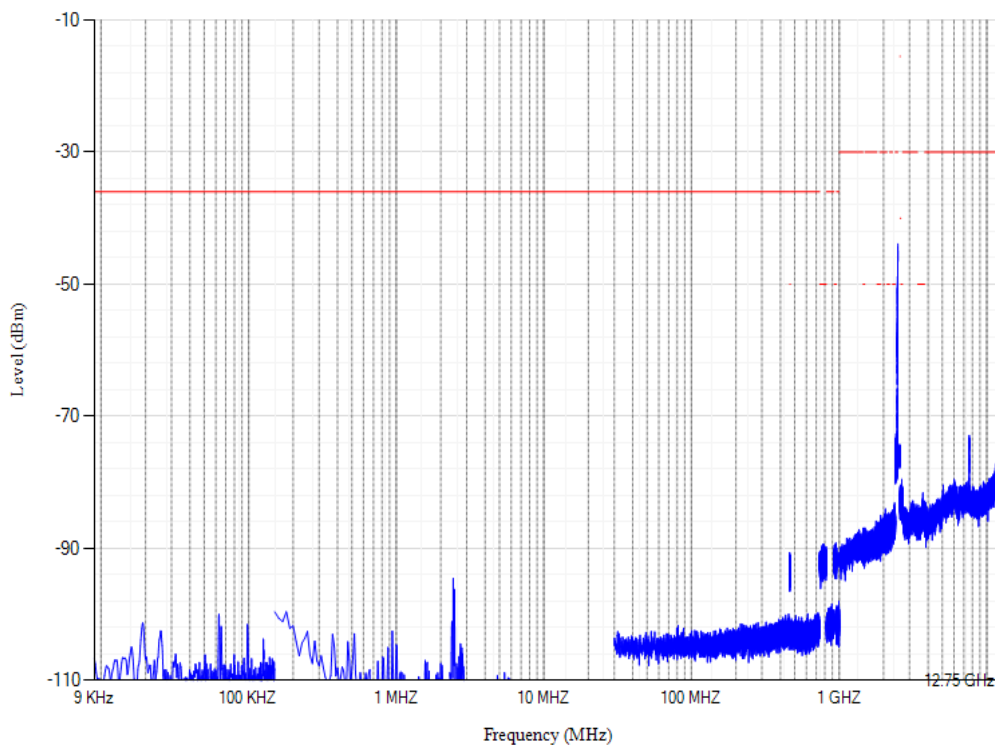
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#Max.png

## Conducted spurious emissions



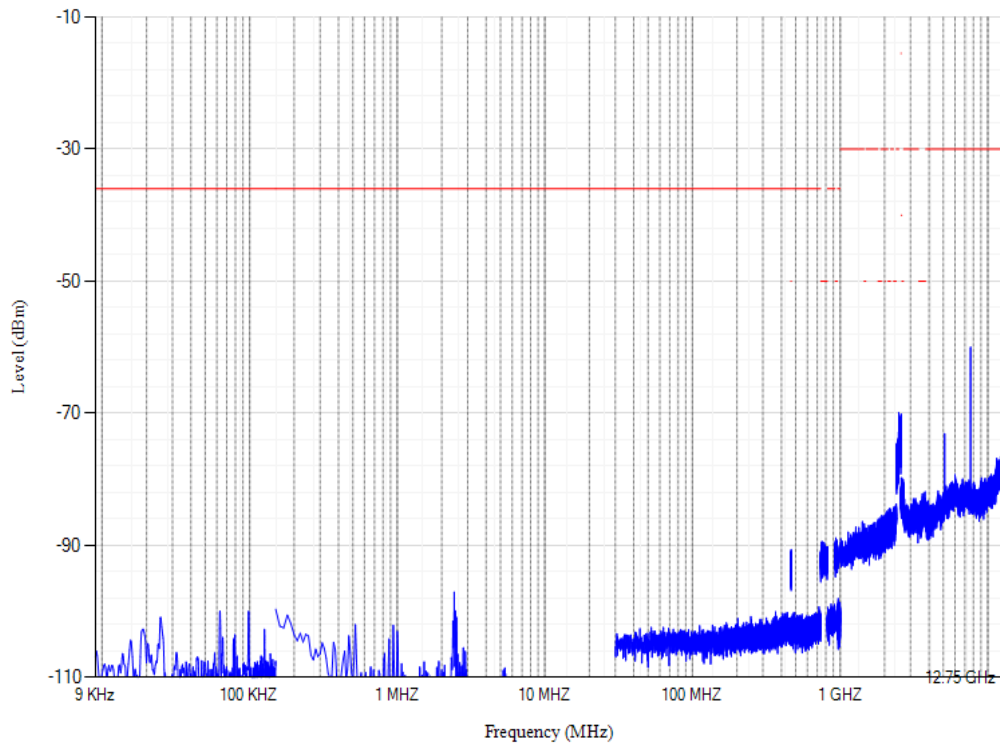
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0.png

## Conducted spurious emissions



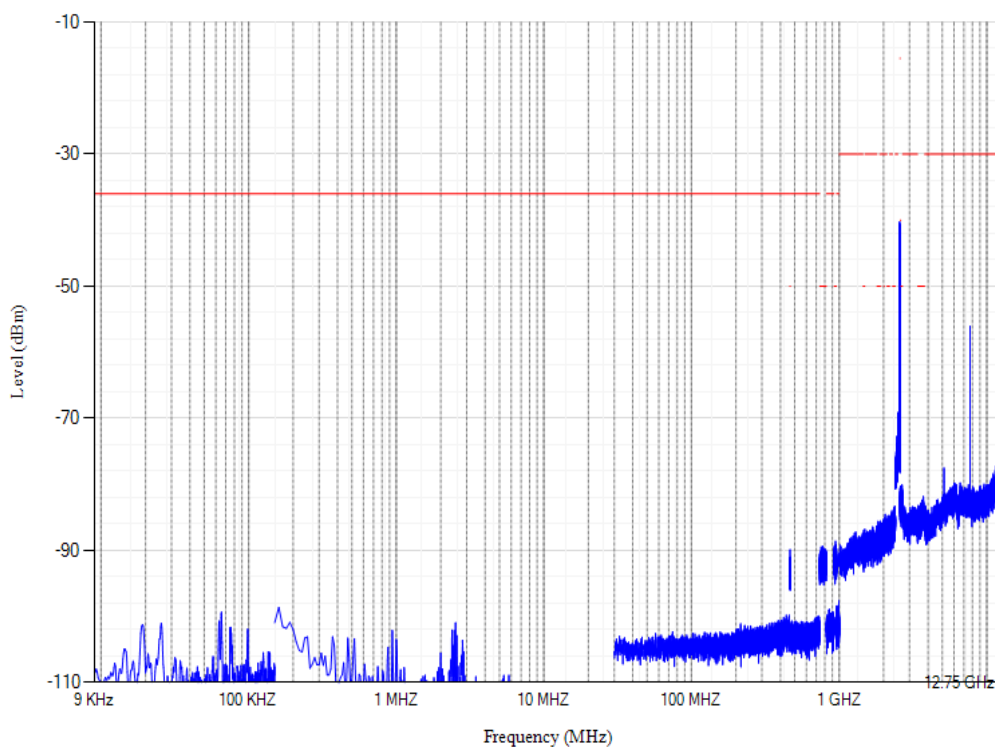
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0.png

## Conducted spurious emissions



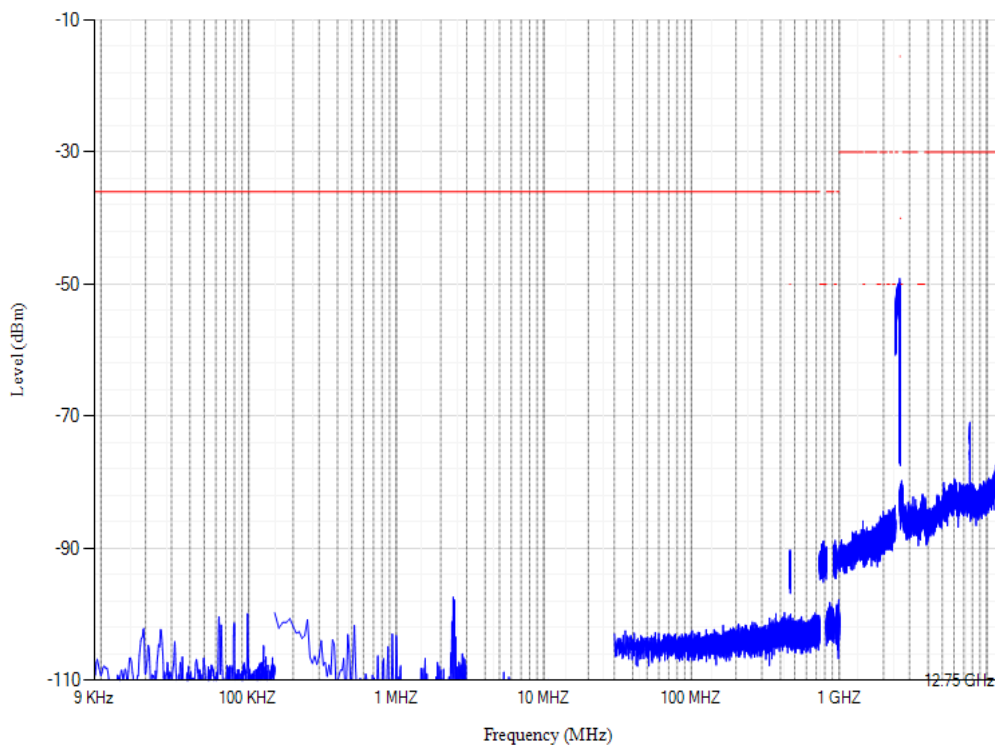
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0.png

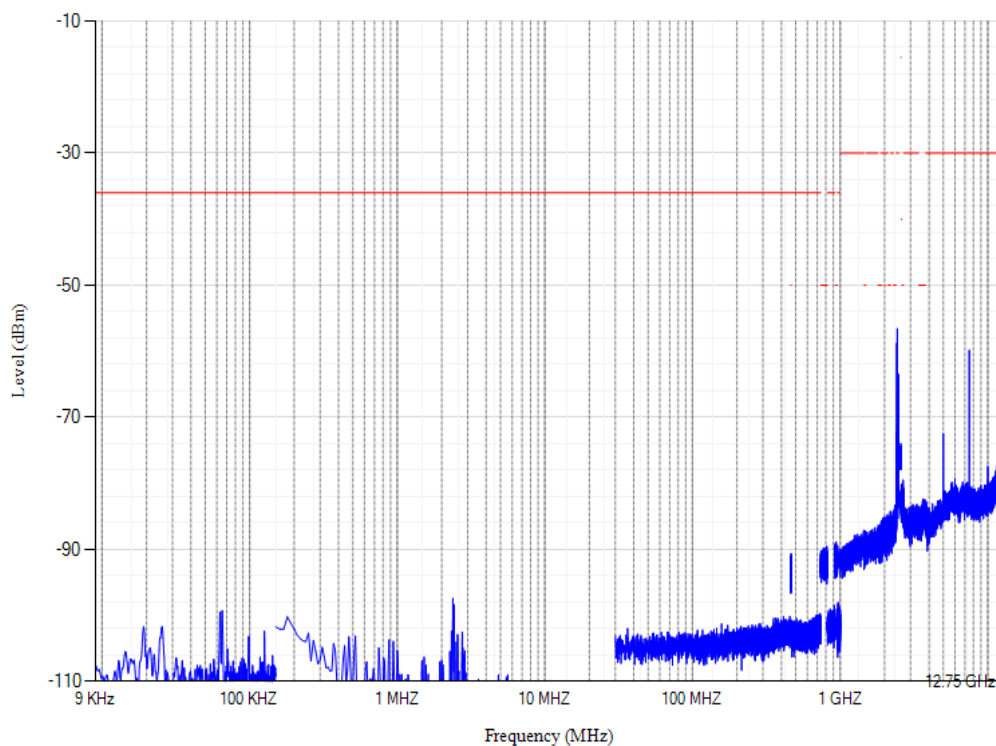
## Conducted spurious emissions





Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0.png

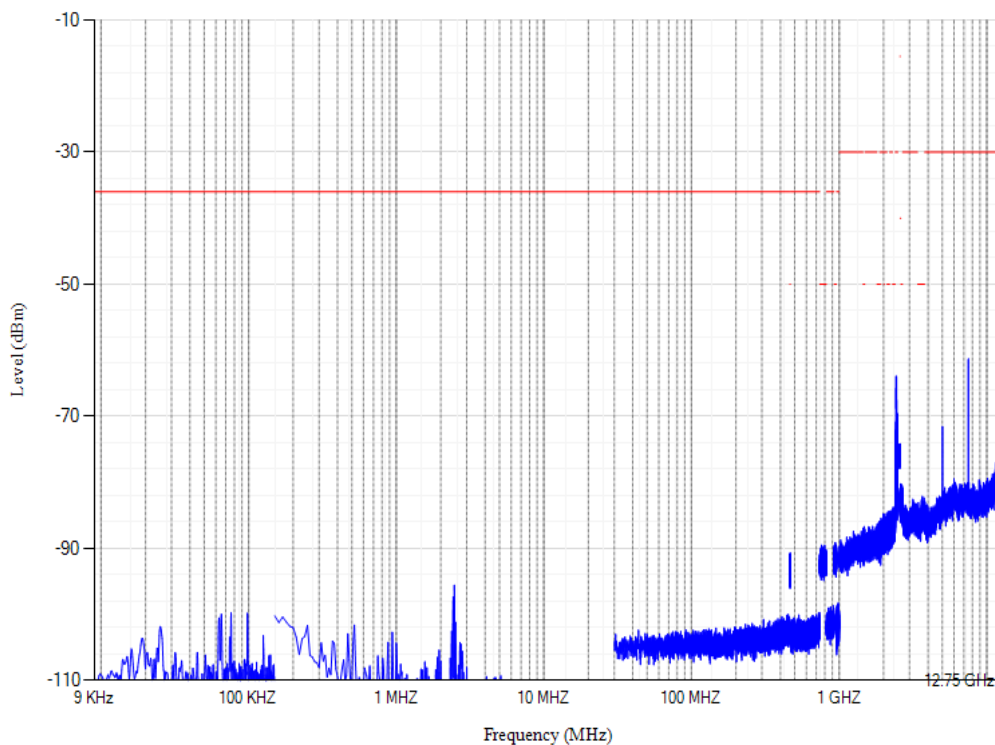
## Conducted spurious emissions



Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max.png

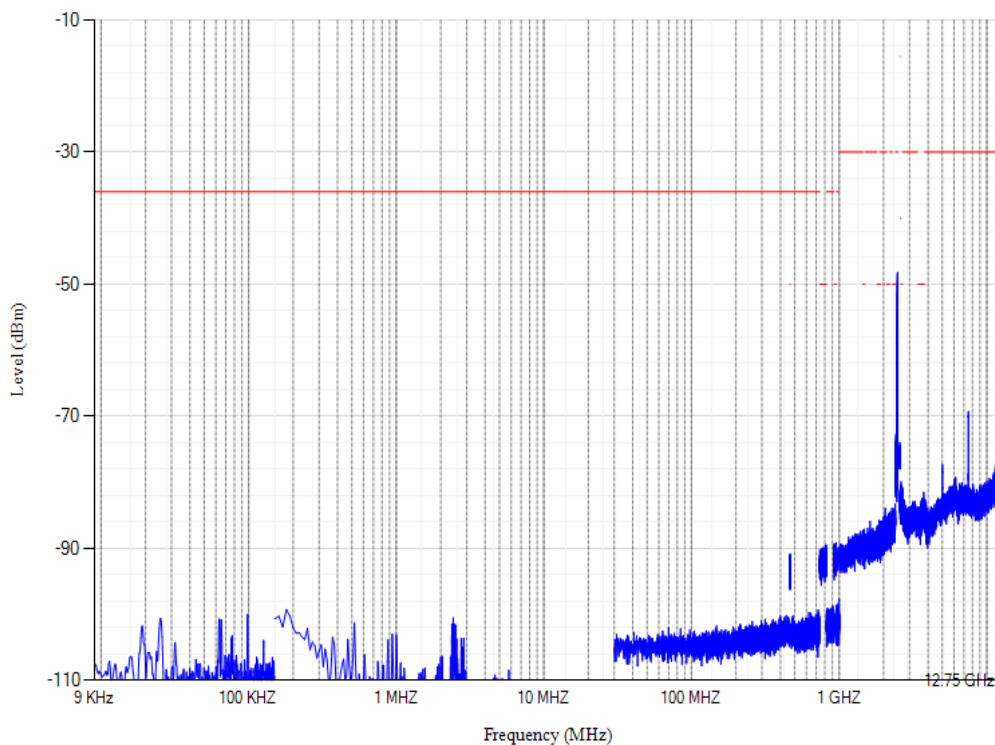


## Conducted spurious emissions



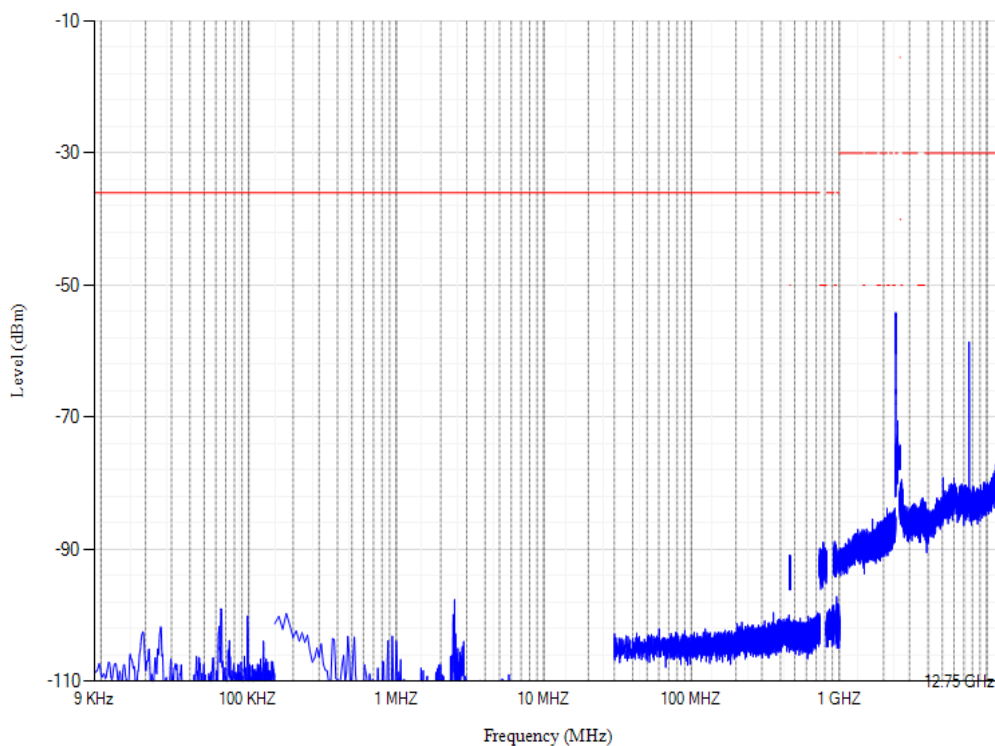
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png

## Conducted spurious emissions



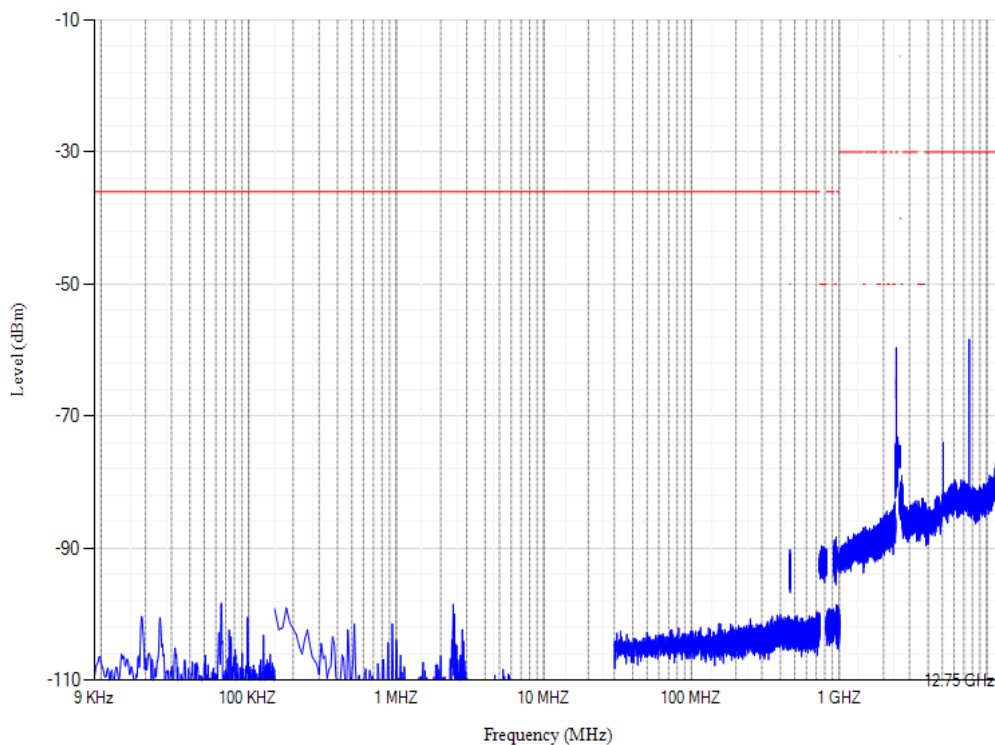
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0.png

## Conducted spurious emissions



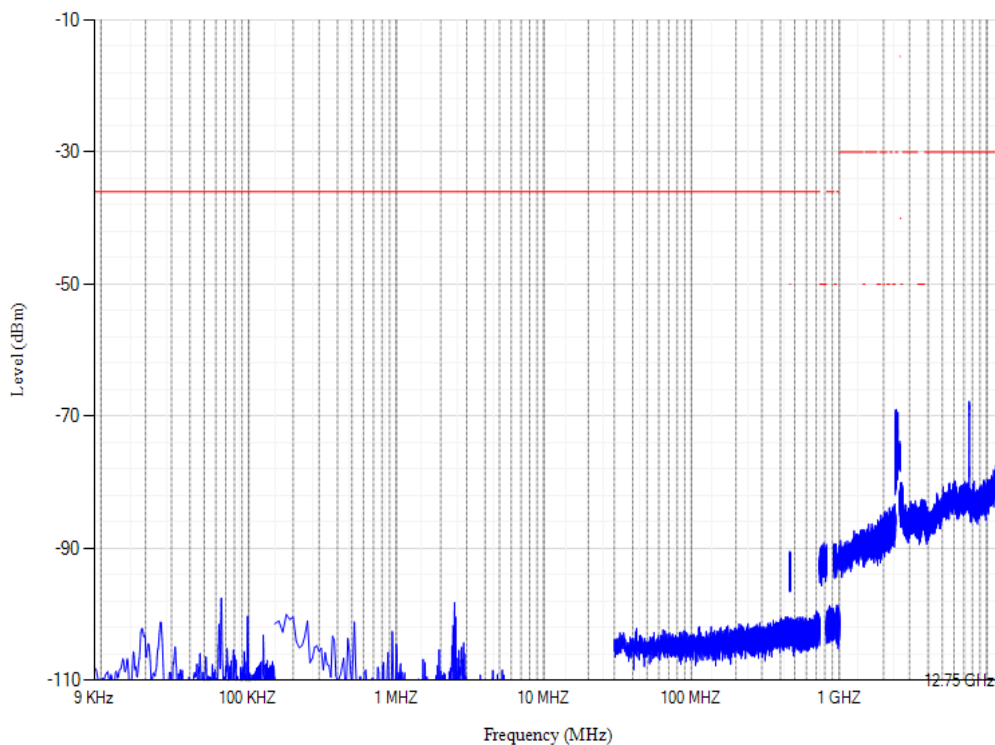
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#Max.png

## Conducted spurious emissions



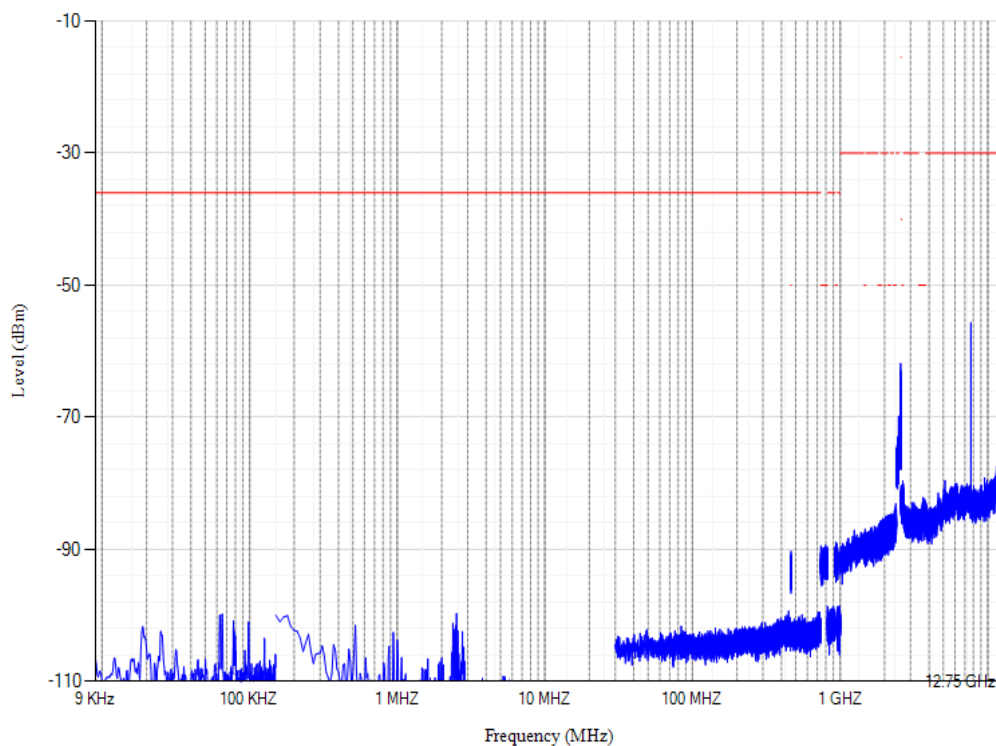
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0.png

## Conducted spurious emissions



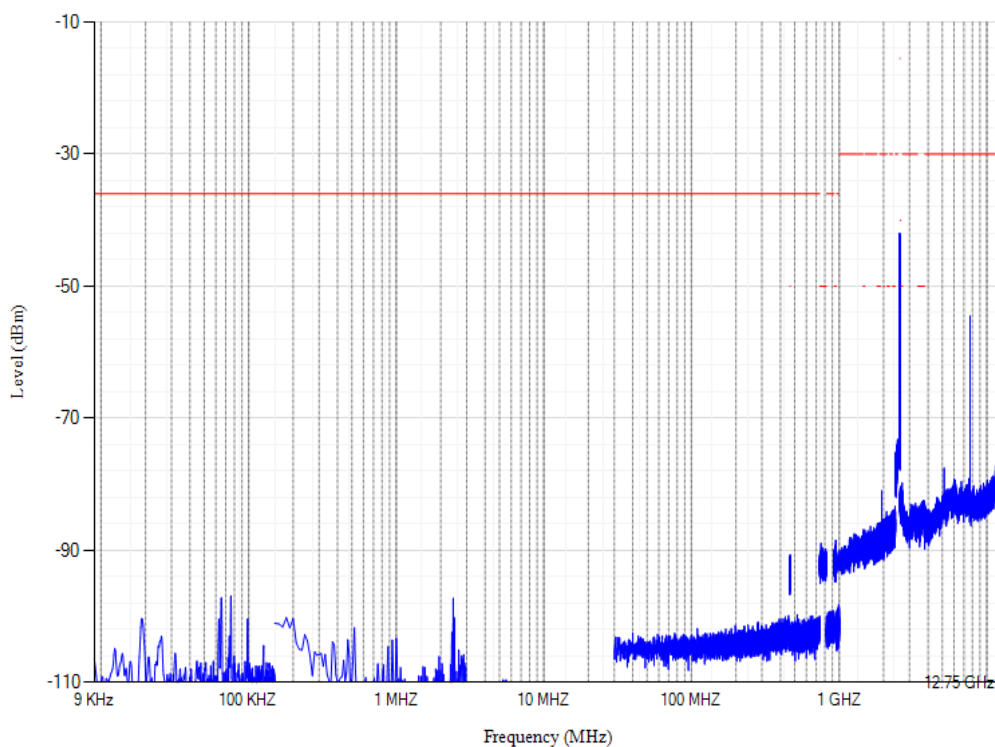
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0.png

## Conducted spurious emissions



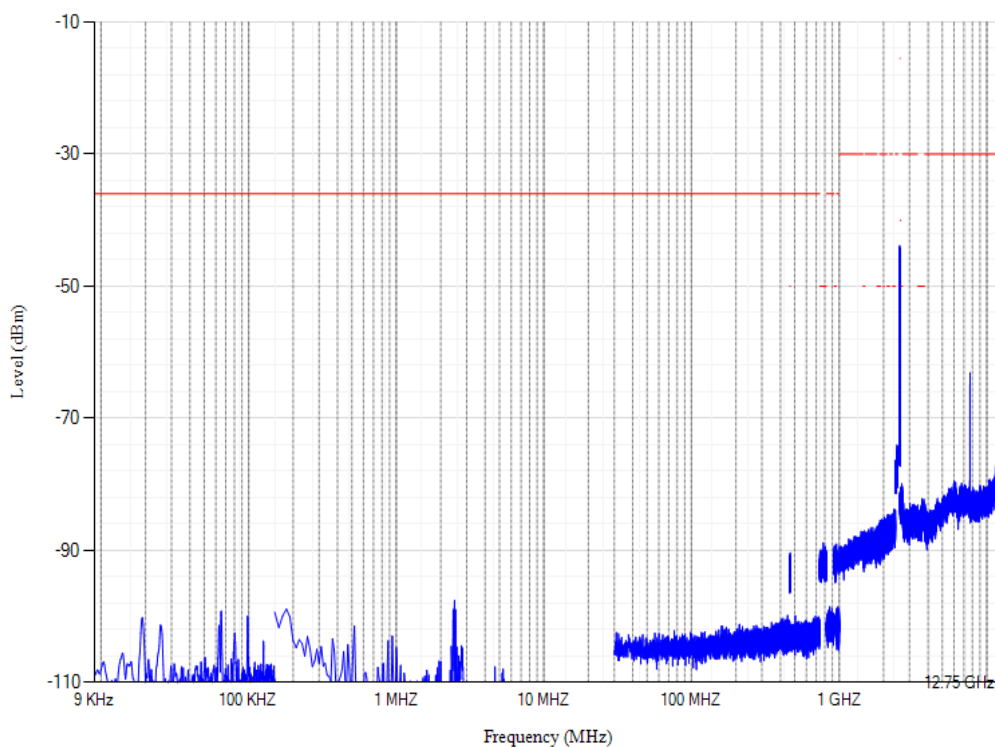
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max.png

## Conducted spurious emissions



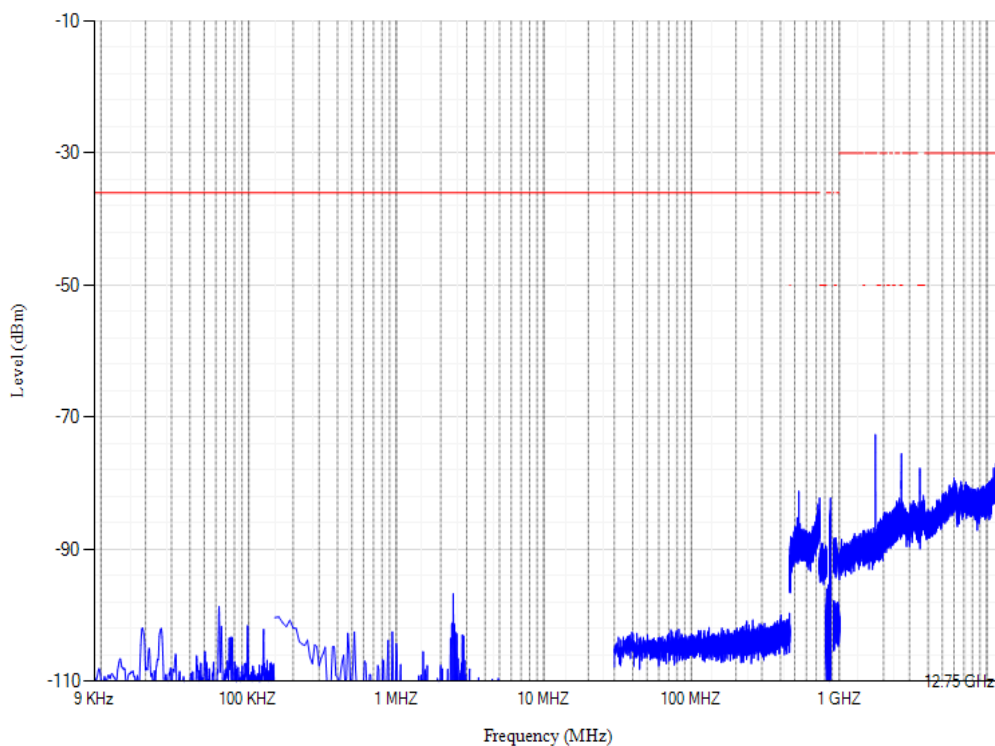
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0.png

## Conducted spurious emissions



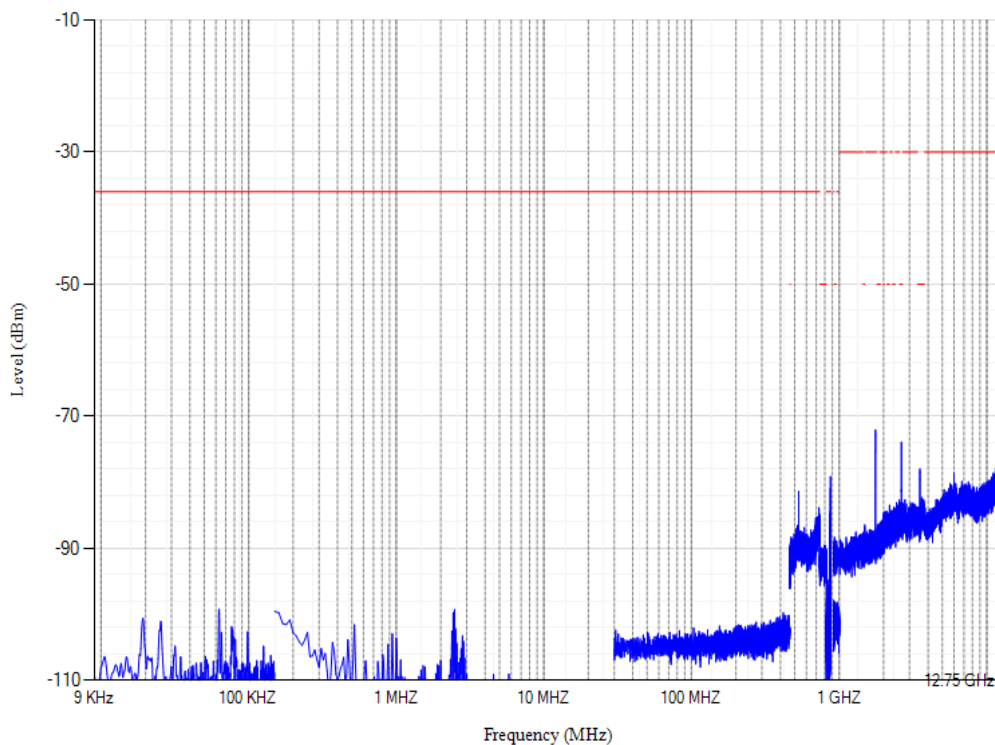
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=1 Position=#0.png

## Conducted spurious emissions



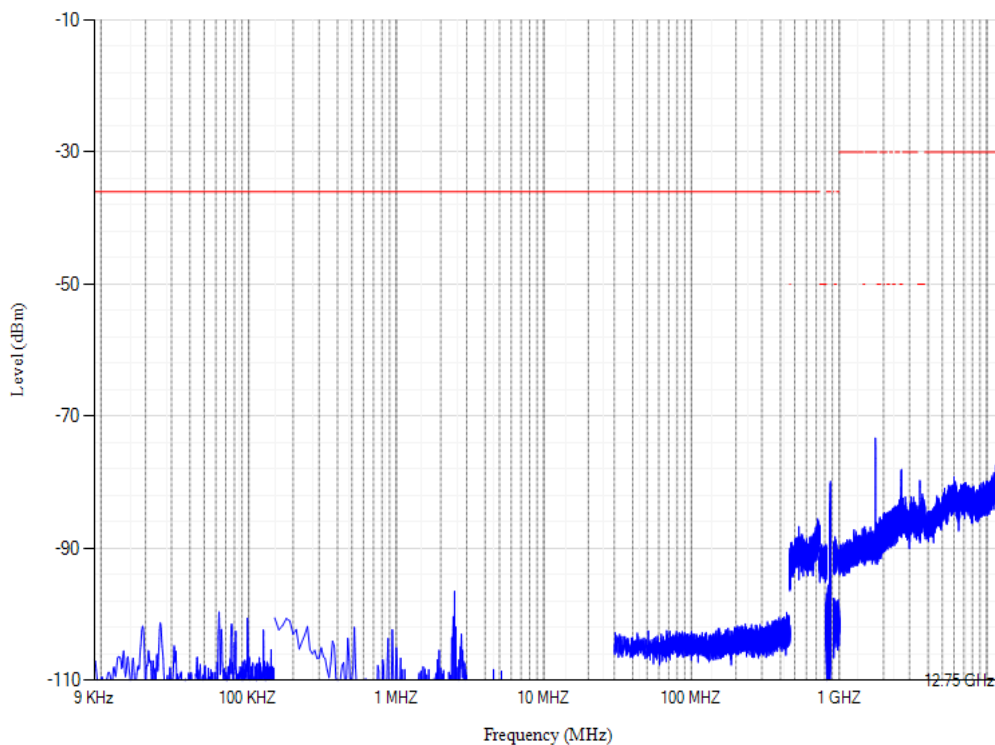
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band8 QPSK BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png

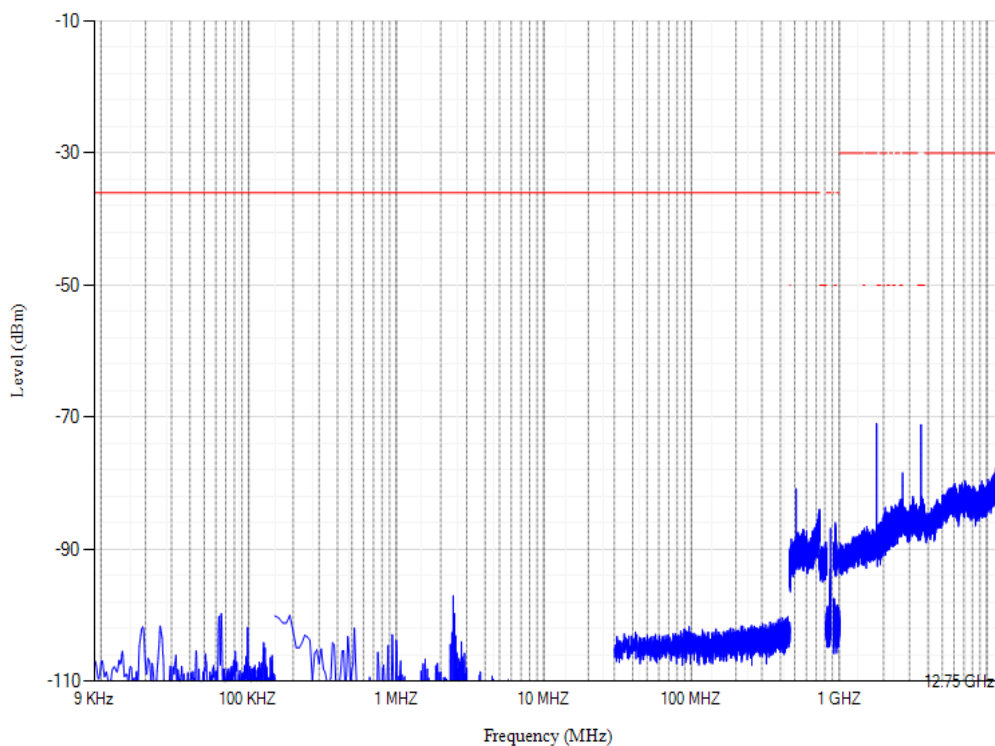
## Conducted spurious emissions





Band8 QPSK BW=1.4MHz Channel=21625 RB Size=1 Position=#0.png

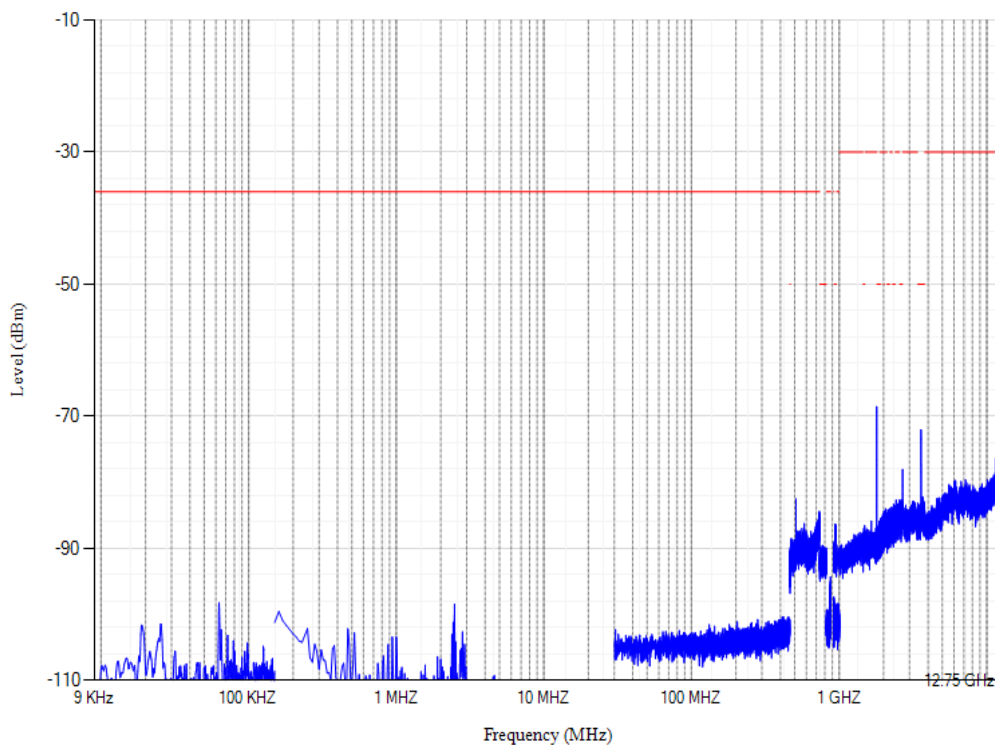
## Conducted spurious emissions



Band8 QPSK BW=1.4MHz Channel=21625 RB Size=1 Position=#Max.png

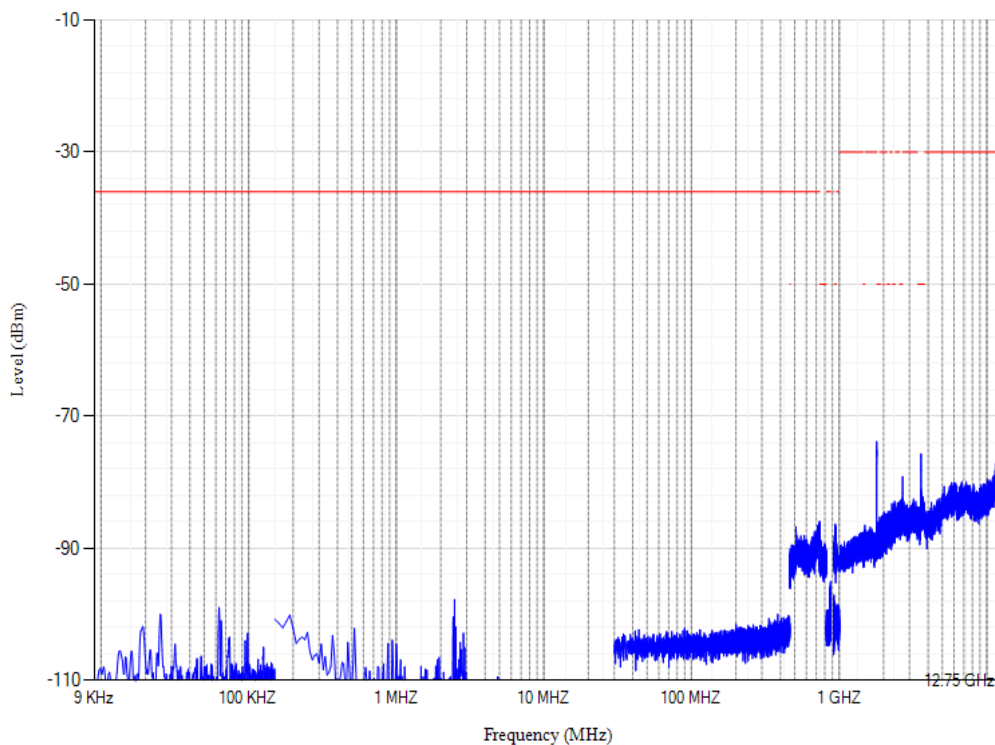


## Conducted spurious emissions



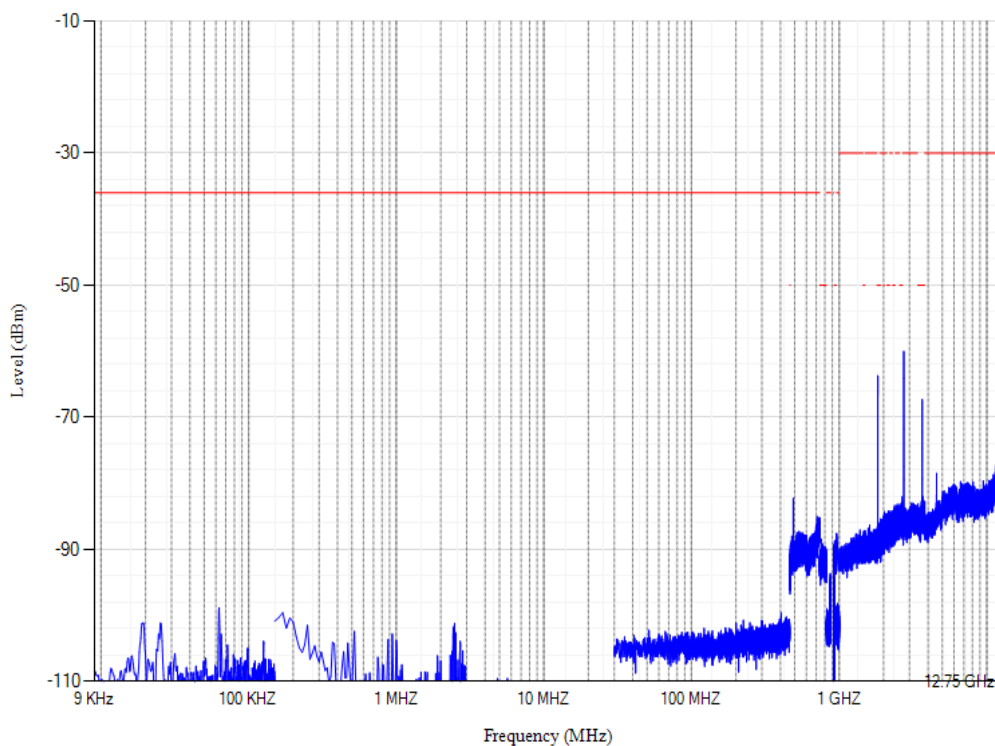
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png

## Conducted spurious emissions



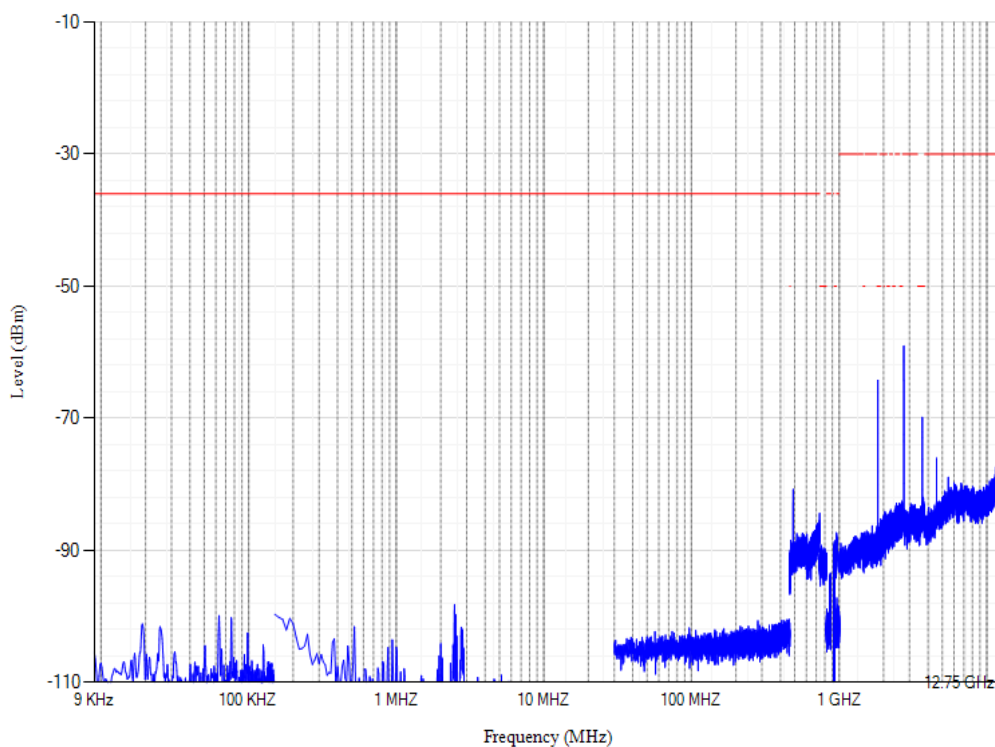
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=1 Position=#0.png

## Conducted spurious emissions



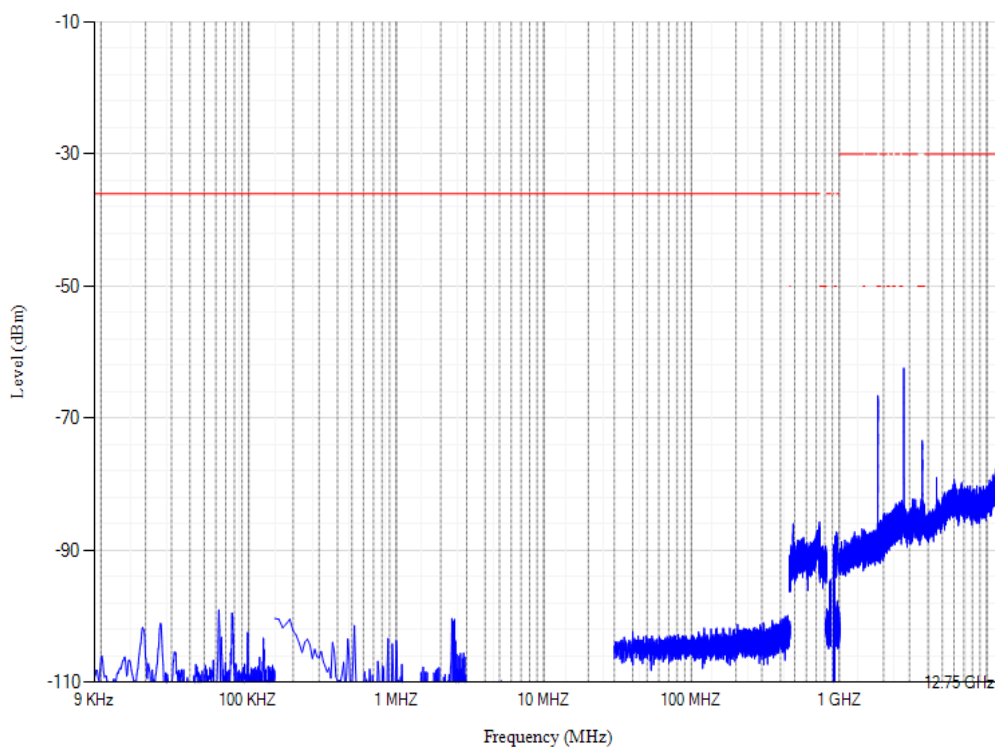
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=1 Position=#Max.png

## Conducted spurious emissions



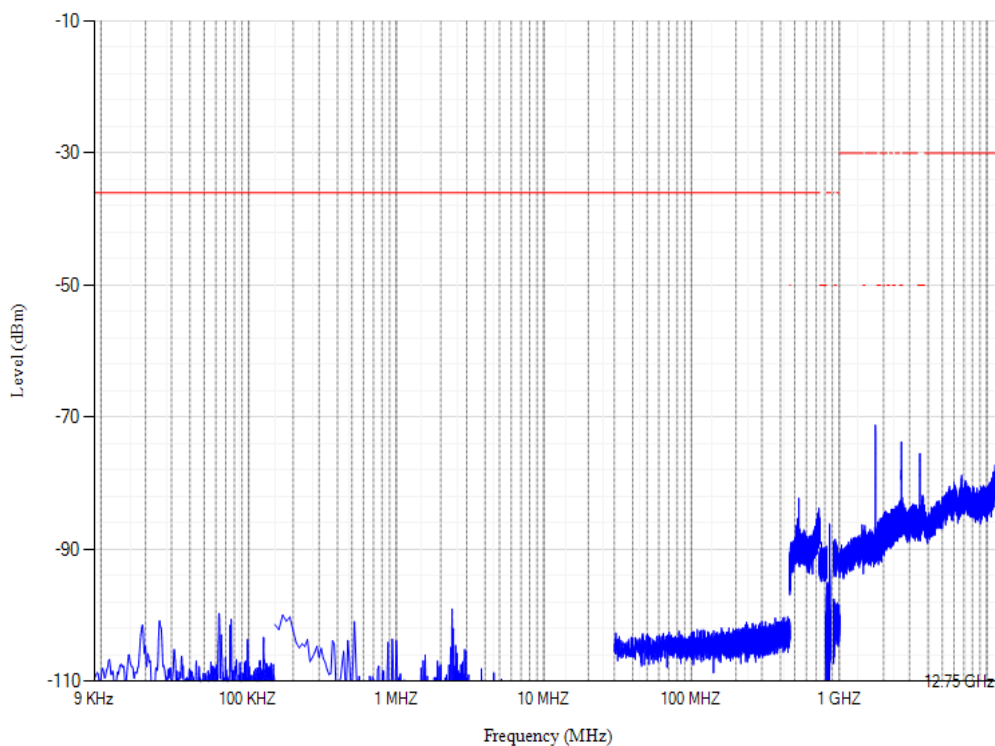
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png

## Conducted spurious emissions



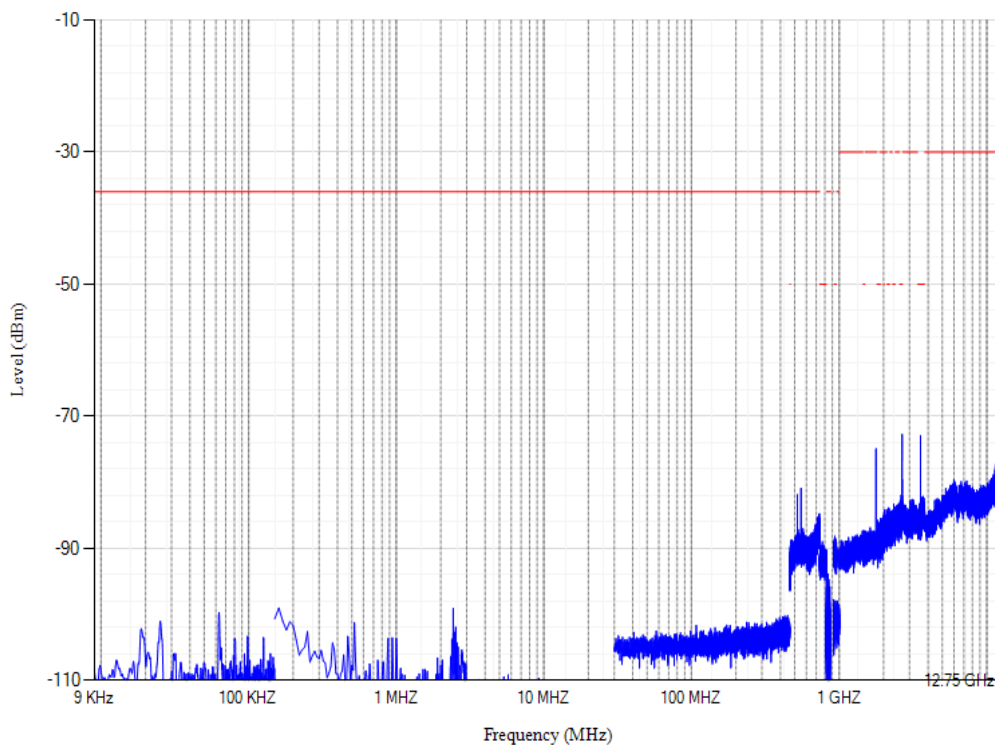
Band8 QPSK BW=10MHz Channel=21500 RB Size=1 Position=#0.png

## Conducted spurious emissions



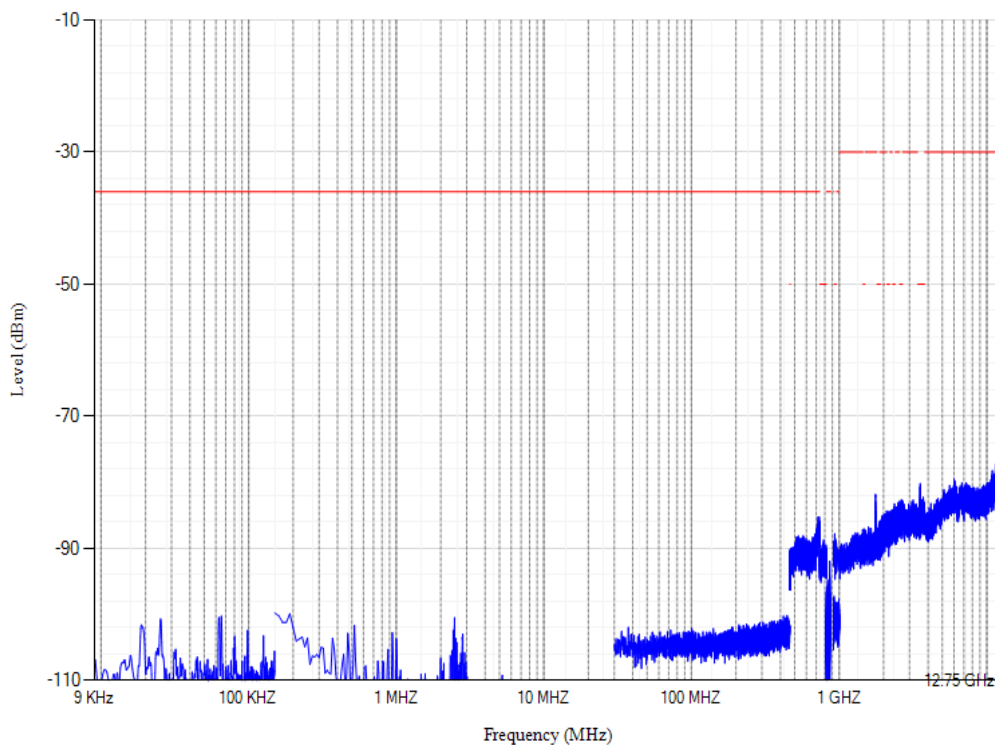
Band8 QPSK BW=10MHz Channel=21500 RB Size=1 Position=#Max.png

## Conducted spurious emissions



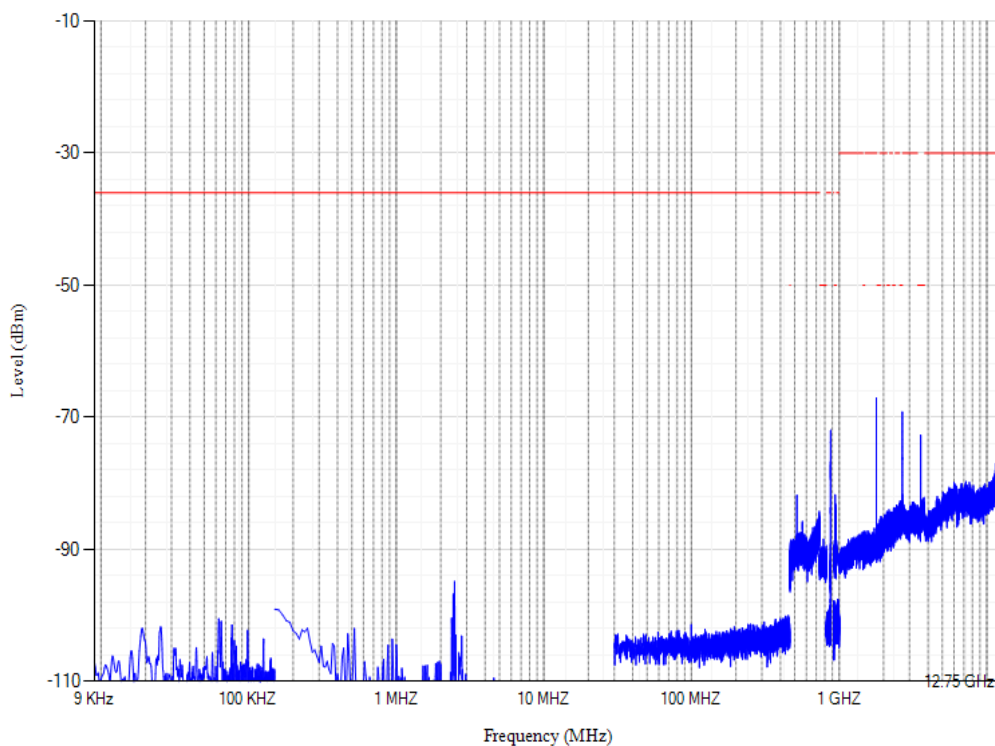
Band8 QPSK BW=10MHz Channel=21500 RB Size=50 Position=#0.png

## Conducted spurious emissions



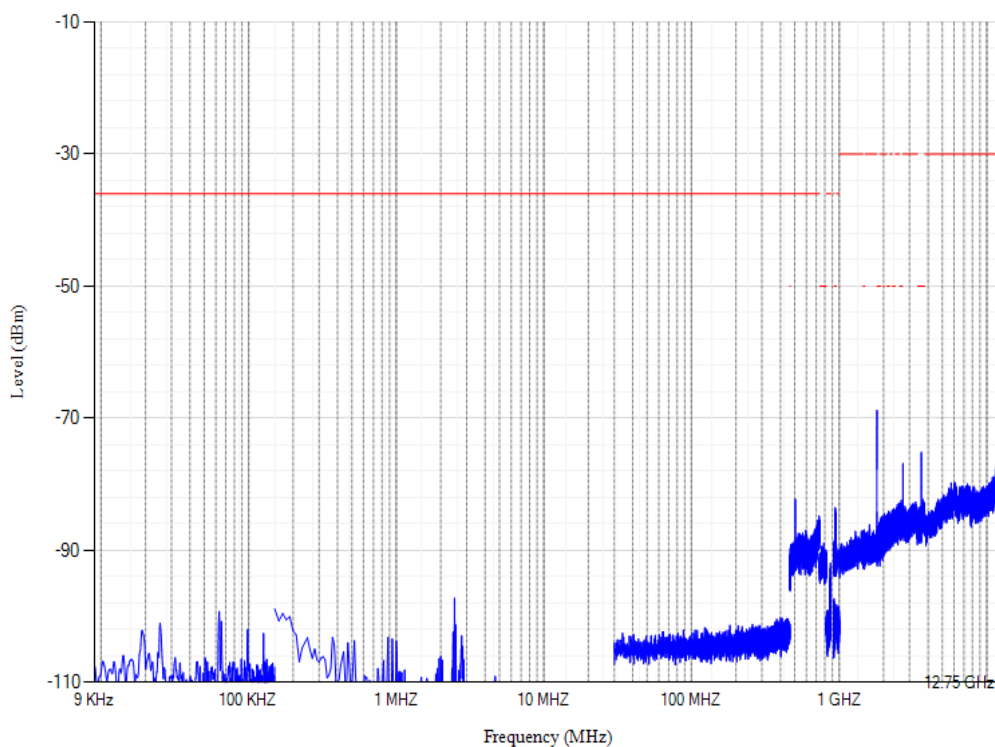
Band8 QPSK BW=10MHz Channel=21625 RB Size=1 Position=#0.png

## Conducted spurious emissions



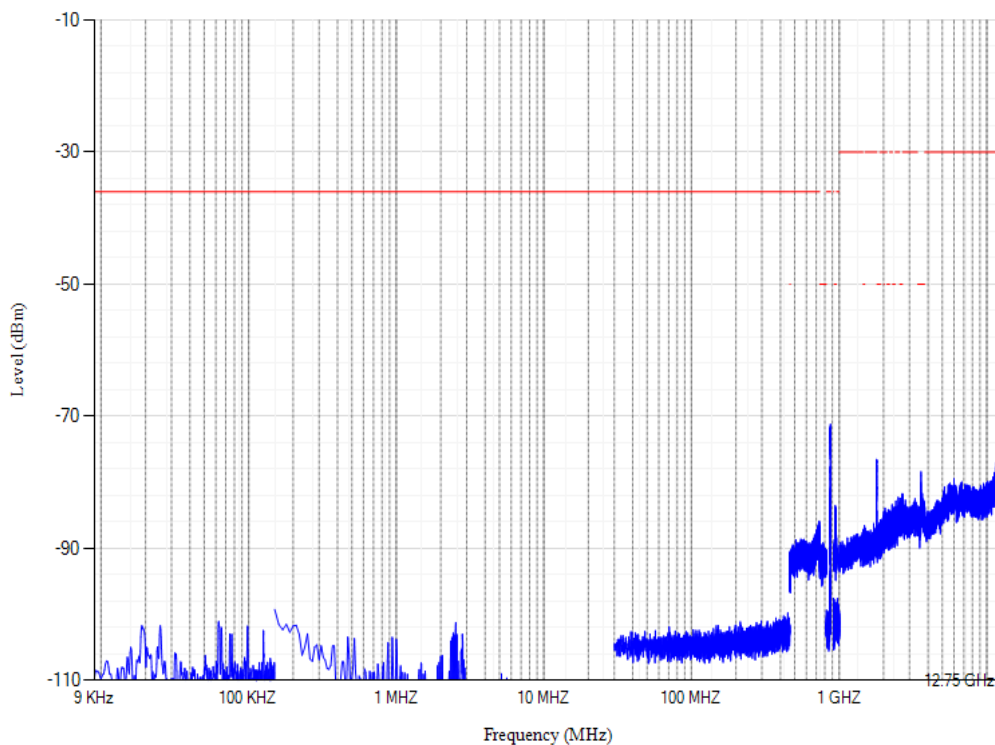
Band8 QPSK BW=10MHz Channel=21625 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band8 QPSK BW=10MHz Channel=21625 RB Size=50 Position=#0.png

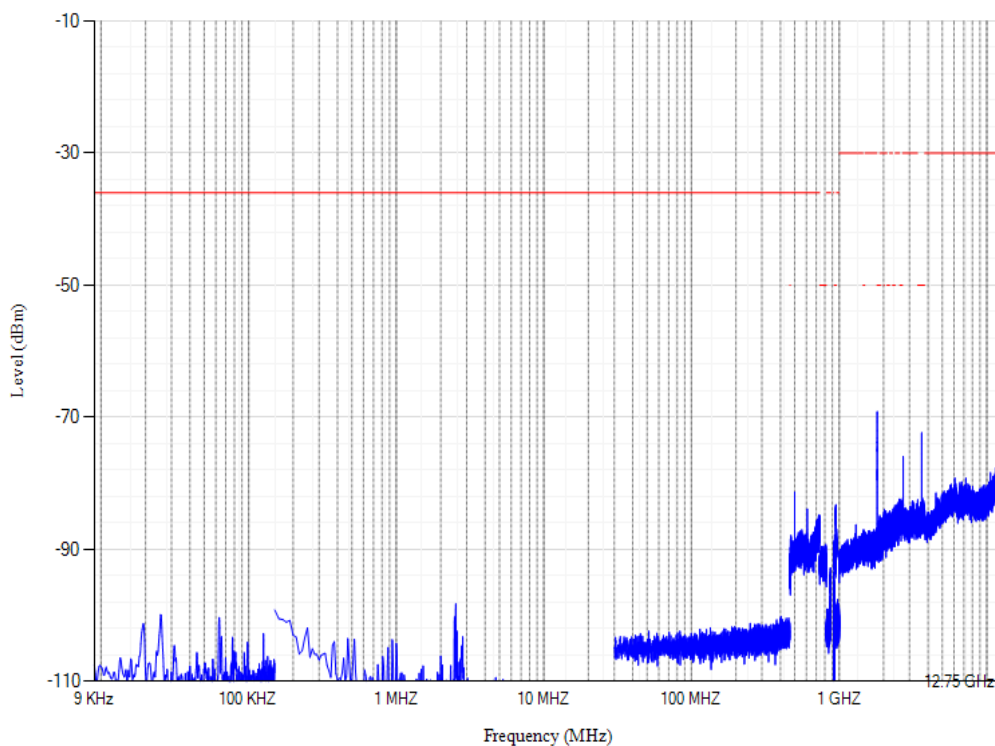
## Conducted spurious emissions





Band8 QPSK BW=10MHz Channel=21750 RB Size=1 Position=#0.png

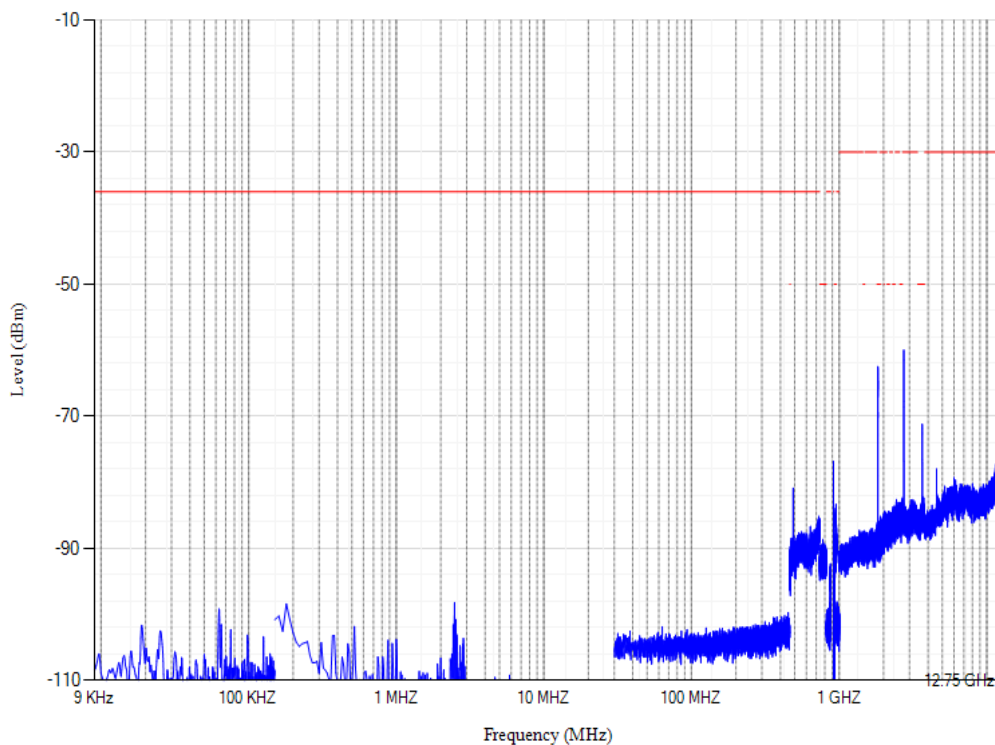
## Conducted spurious emissions



Band8 QPSK BW=10MHz Channel=21750 RB Size=1 Position=#Max.png

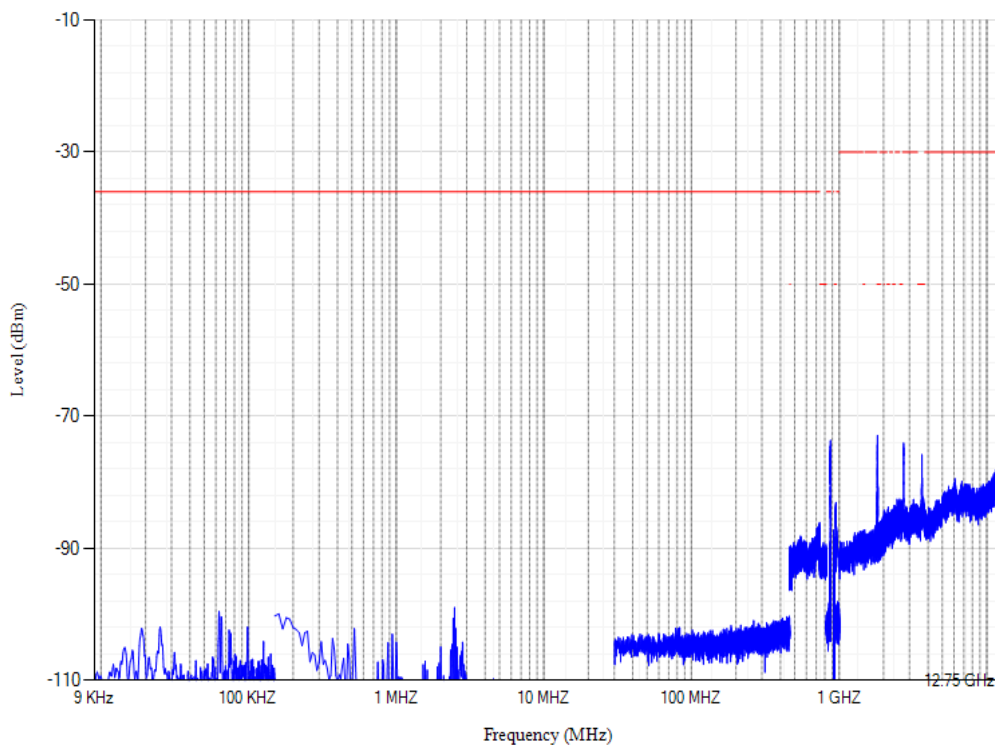


## Conducted spurious emissions



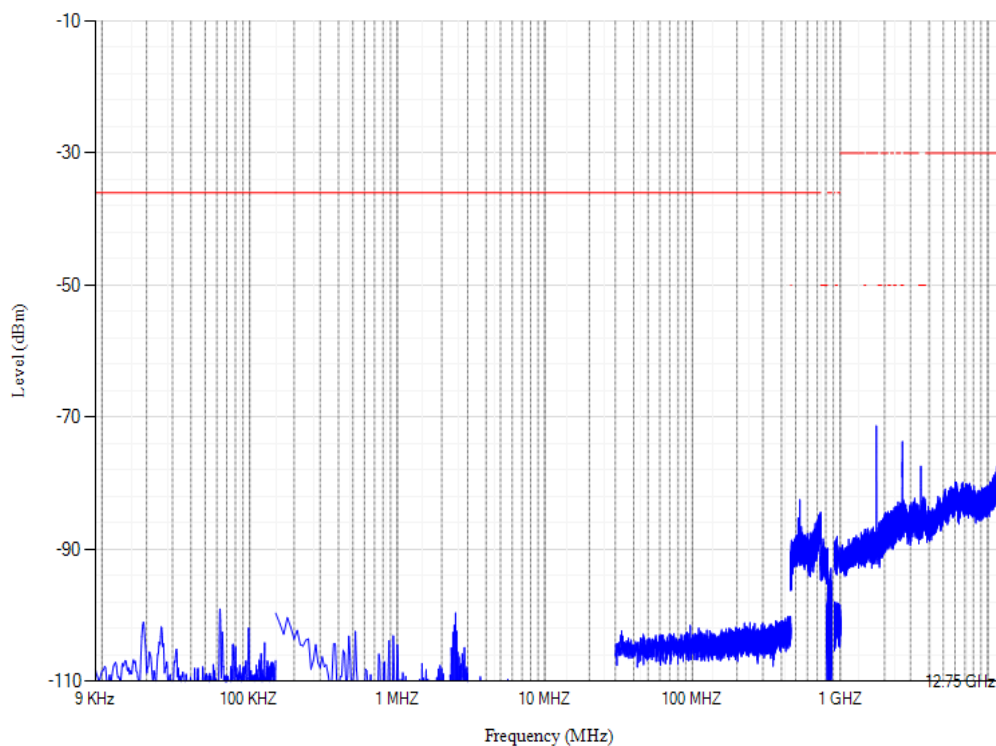
Band8 QPSK BW=10MHz Channel=21750 RB Size=50 Position=#0.png

## Conducted spurious emissions



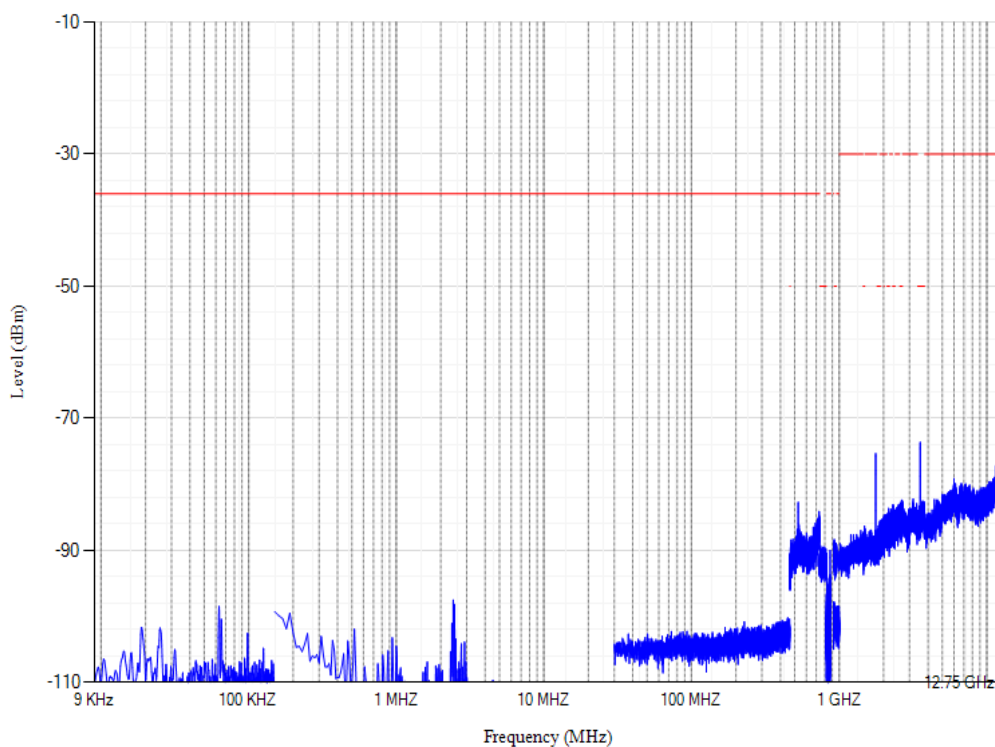
Band8 QPSK BW=5MHz Channel=21475 RB Size=1 Position=#0.png

## Conducted spurious emissions



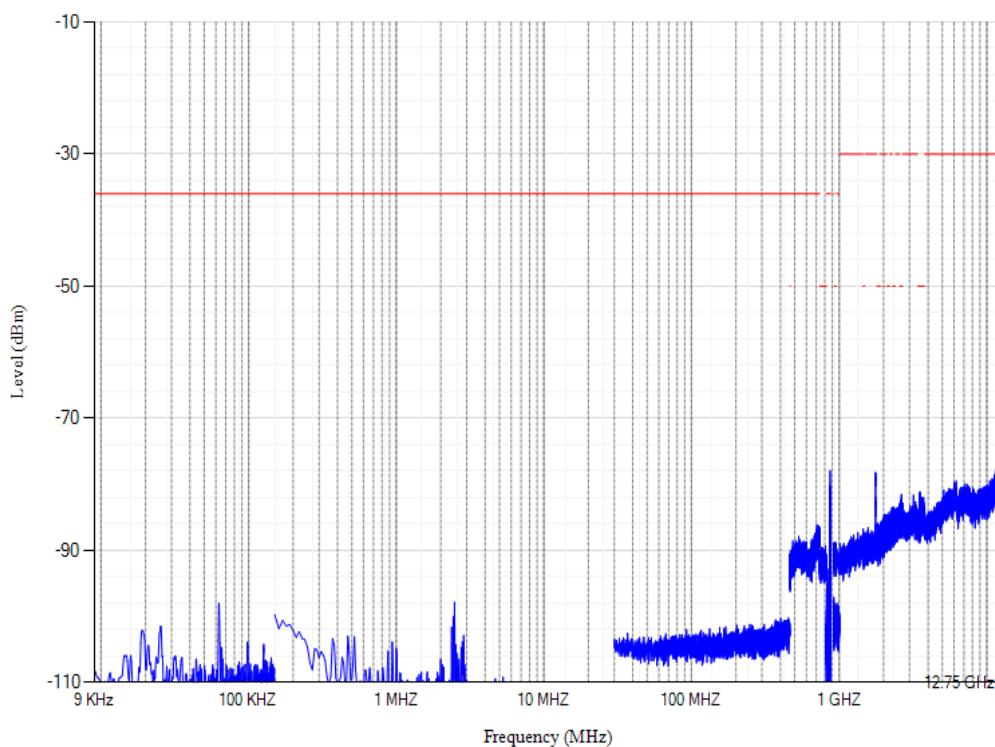
Band8 QPSK BW=5MHz Channel=21475 RB Size=1 Position=#Max.png

## Conducted spurious emissions



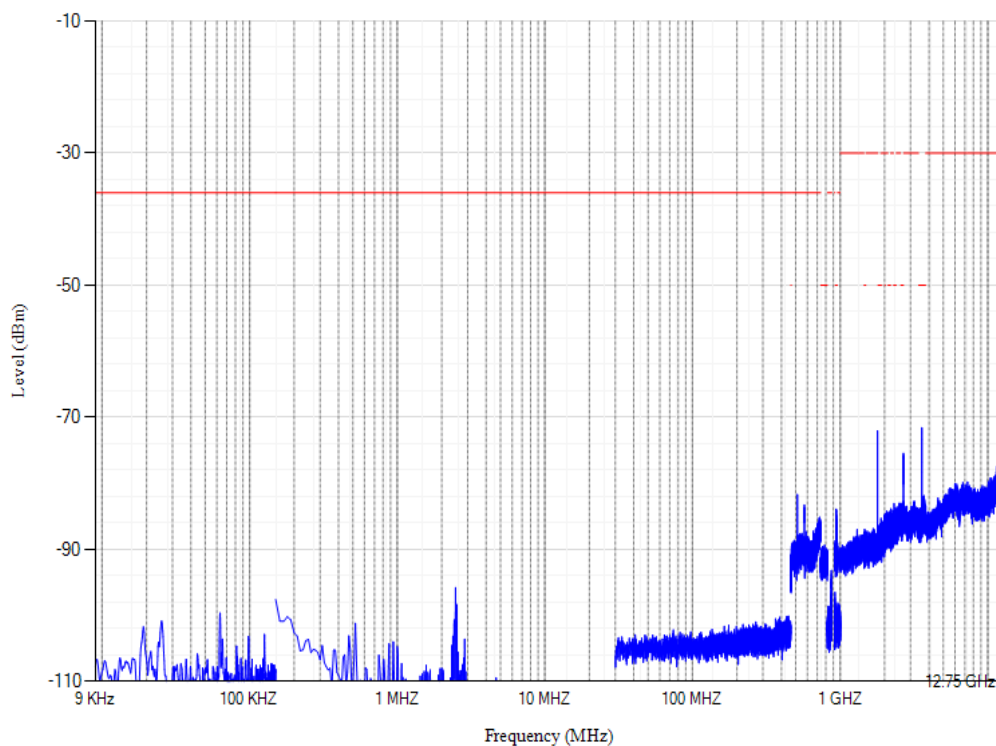
Band8 QPSK BW=5MHz Channel=21475 RB Size=25 Position=#0.png

## Conducted spurious emissions



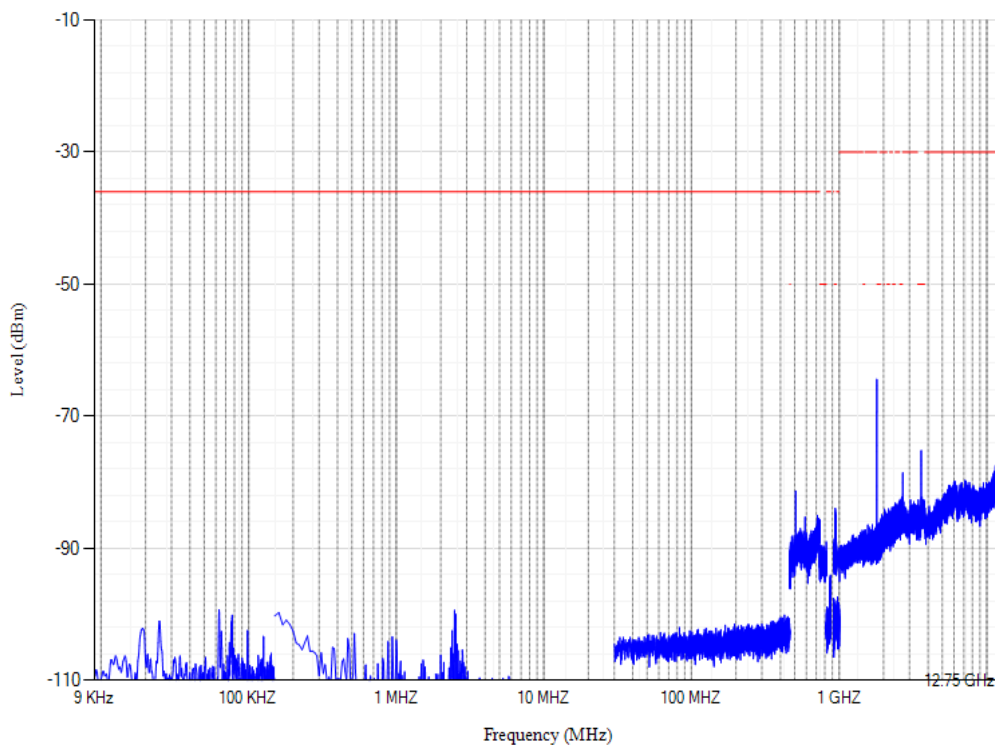
Band8 QPSK BW=5MHz Channel=21625 RB Size=1 Position=#0.png

## Conducted spurious emissions



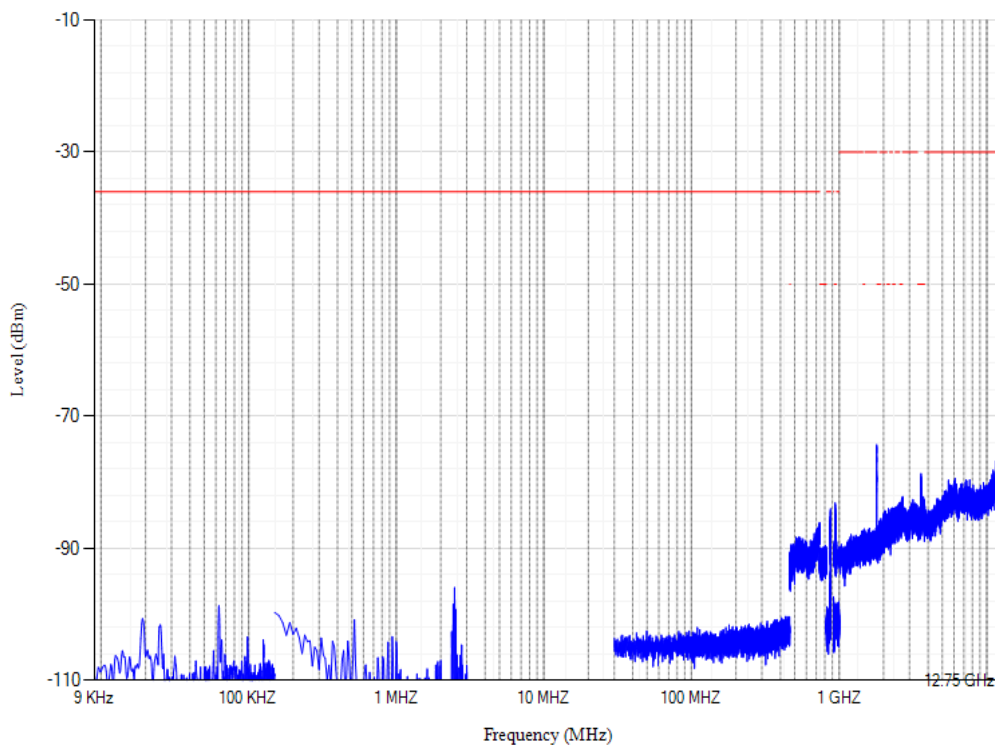
Band8 QPSK BW=5MHz Channel=21625 RB Size=1 Position=#Max.png

## Conducted spurious emissions



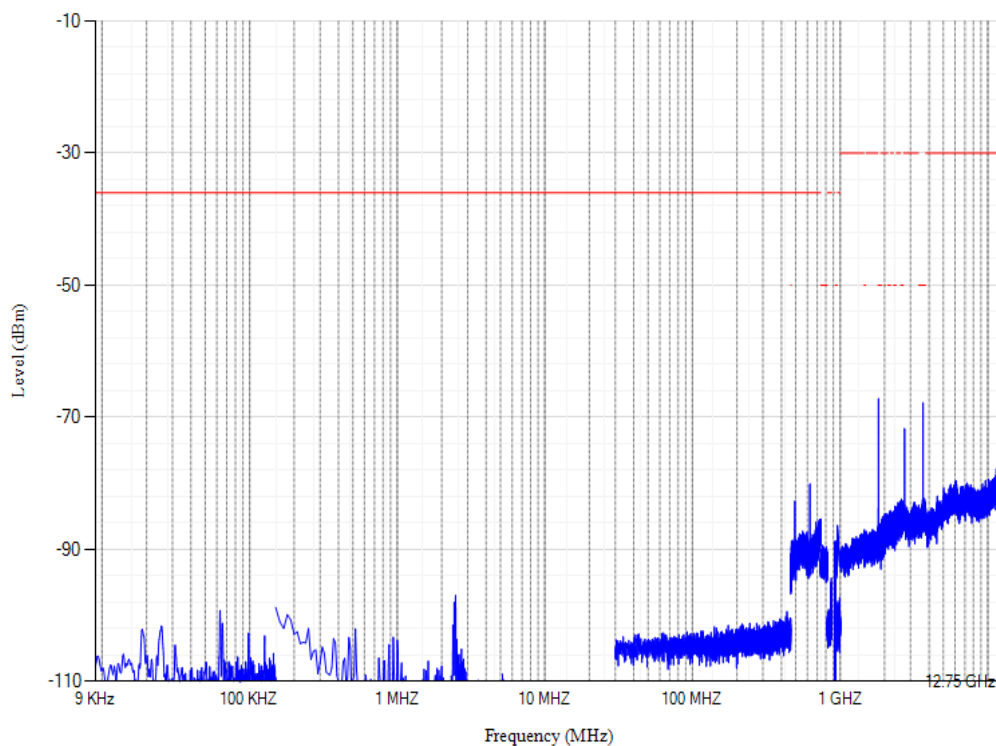
Band8 QPSK BW=5MHz Channel=21625 RB Size=25 Position=#0.png

## Conducted spurious emissions



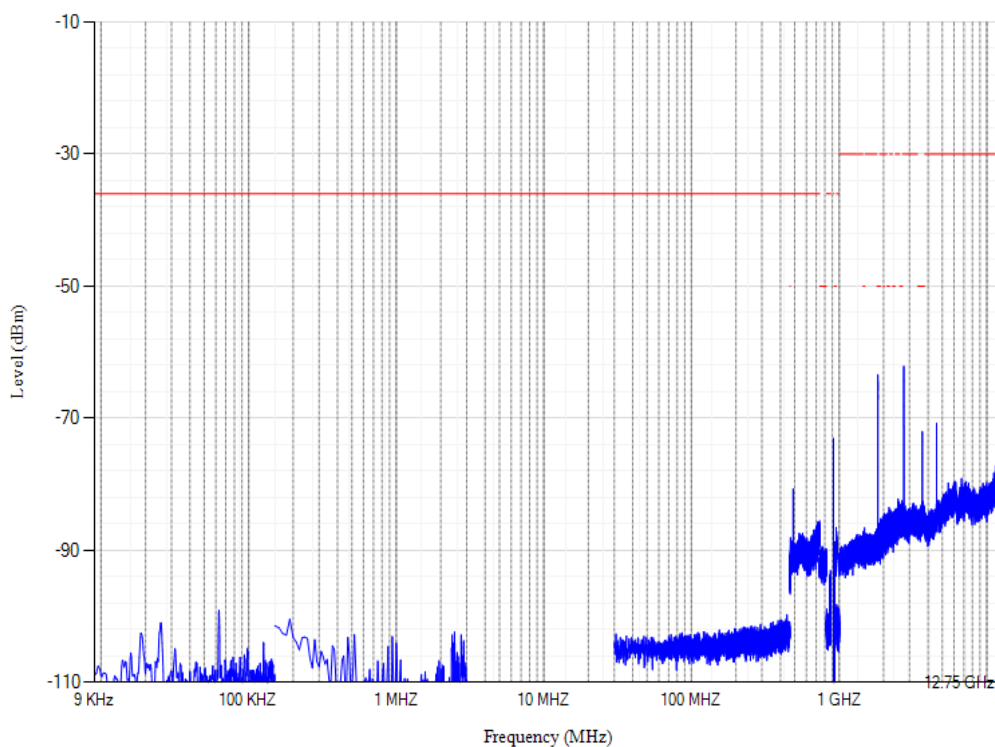
Band8 QPSK BW=5MHz Channel=21775 RB Size=1 Position=#0.png

## Conducted spurious emissions



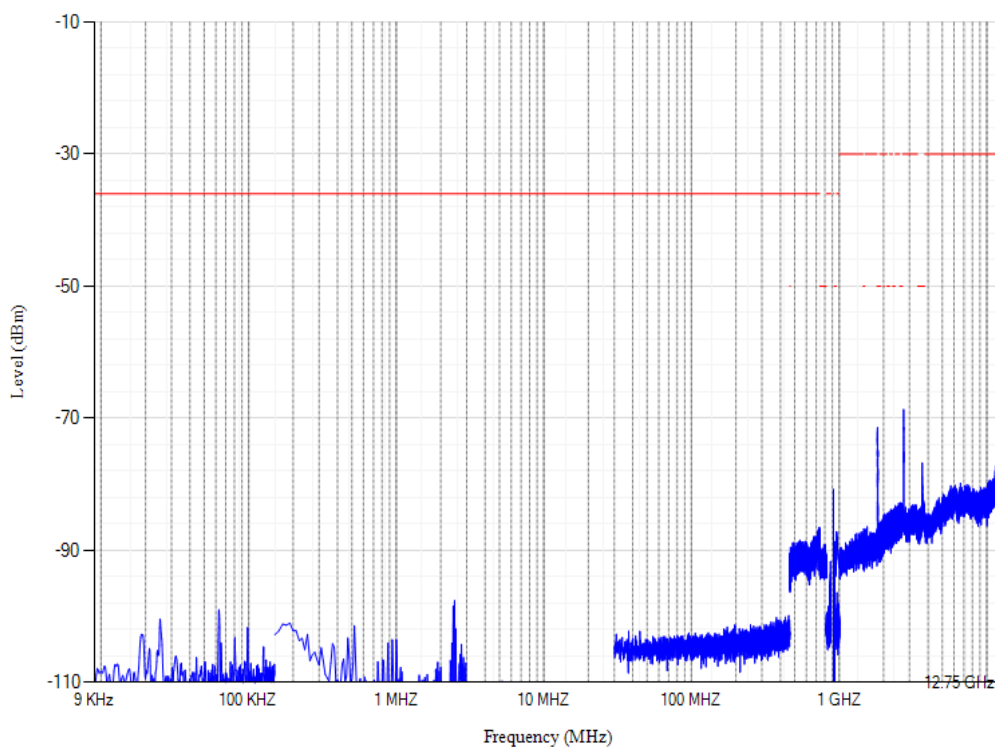
Band8 QPSK BW=5MHz Channel=21775 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band8 QPSK BW=5MHz Channel=21775 RB Size=25 Position=#0.png

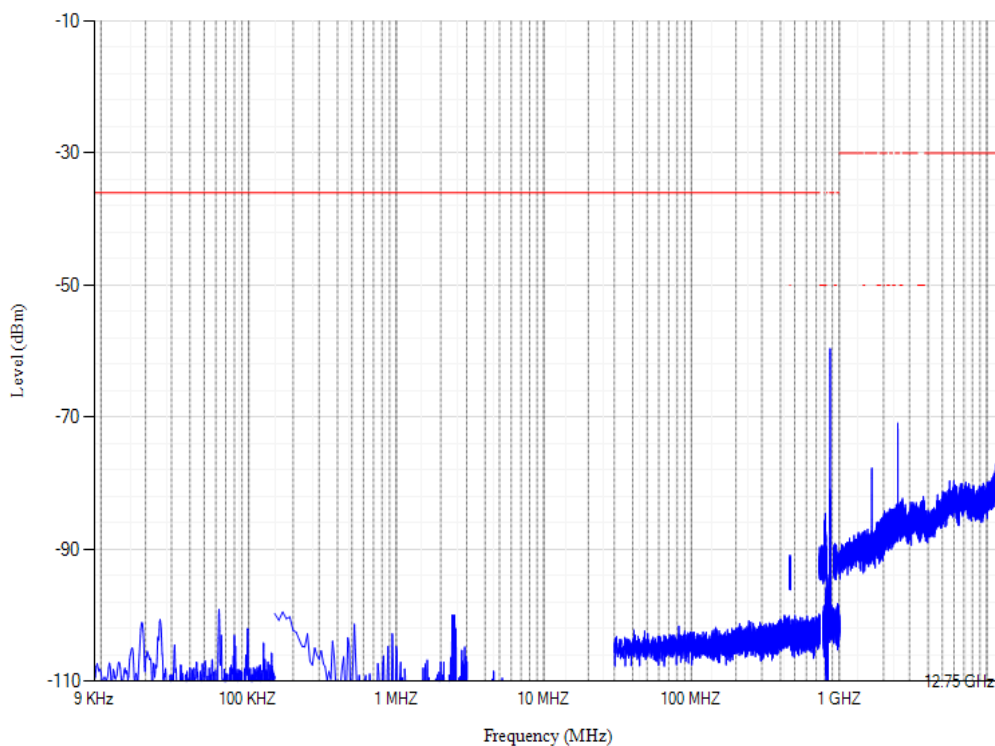
## Conducted spurious emissions





Band20 QPSK BW=20MHz Channel=24250 RB Size=1 Position=#0.png

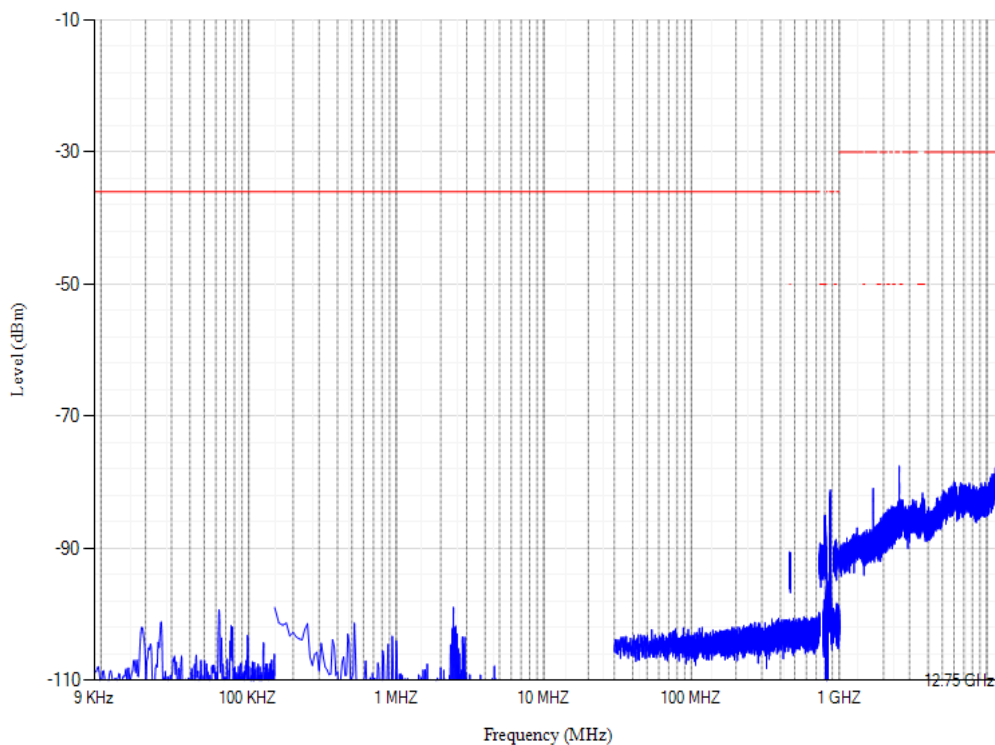
## Conducted spurious emissions



Band20 QPSK BW=20MHz Channel=24250 RB Size=1 Position=#Max.png

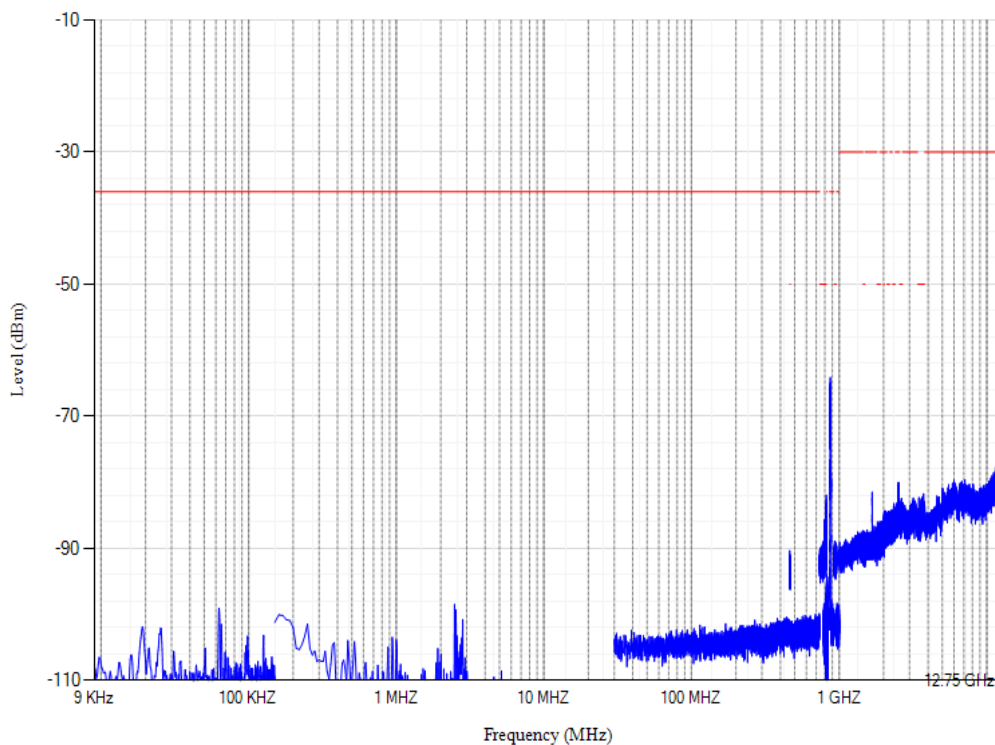


## Conducted spurious emissions



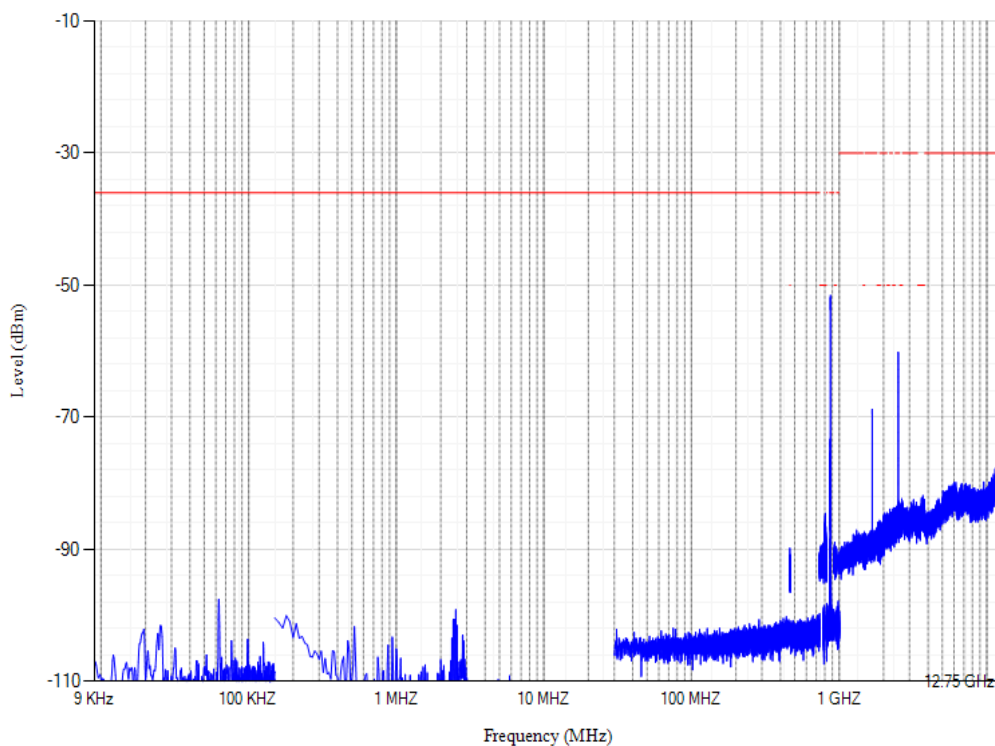
Band20 QPSK BW=20MHz Channel=24250 RB Size=100 Position=#0.png

## Conducted spurious emissions



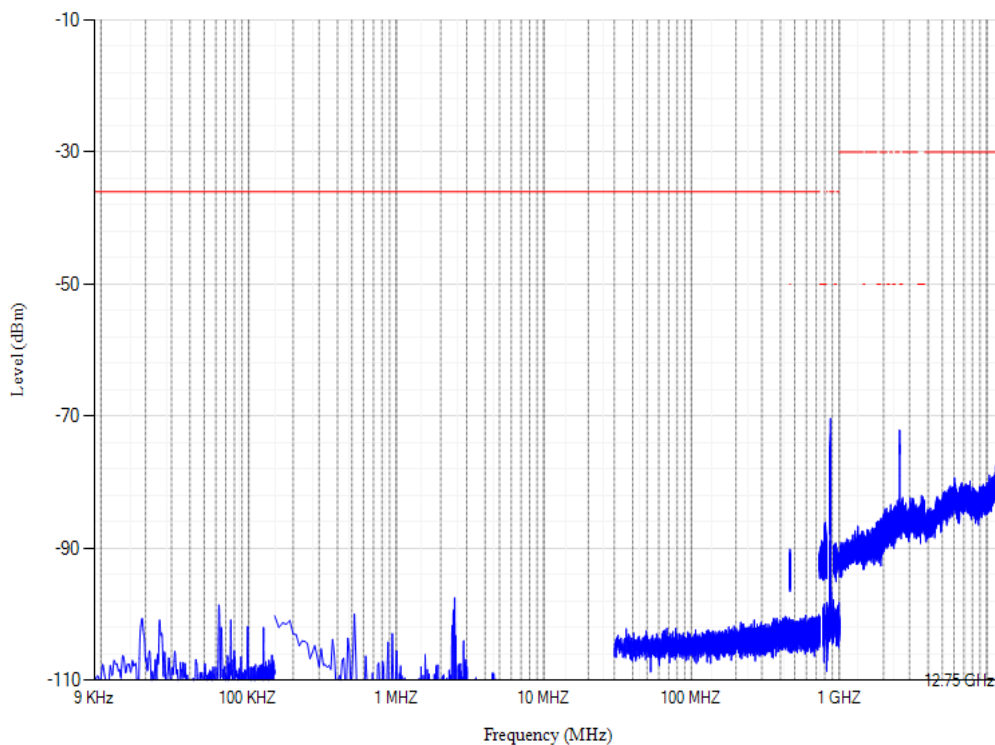
Band20 QPSK BW=20MHz Channel=24300 RB Size=1 Position=#0.png

## Conducted spurious emissions



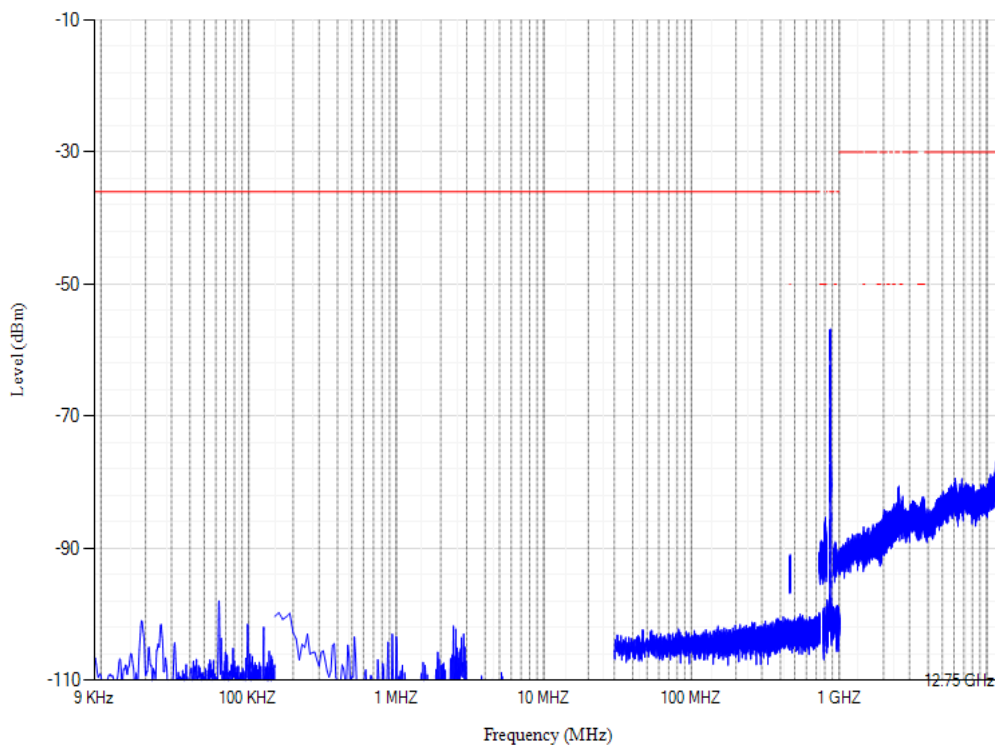
Band20 QPSK BW=20MHz Channel=24300 RB Size=1 Position=#Max.png

## Conducted spurious emissions



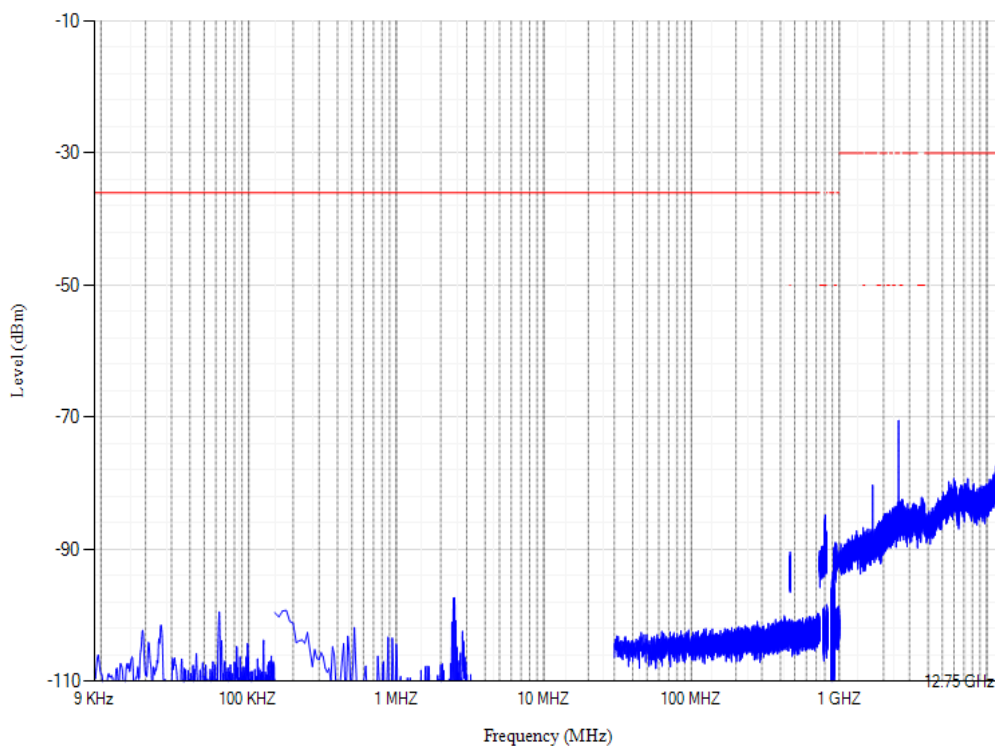
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0.png

## Conducted spurious emissions



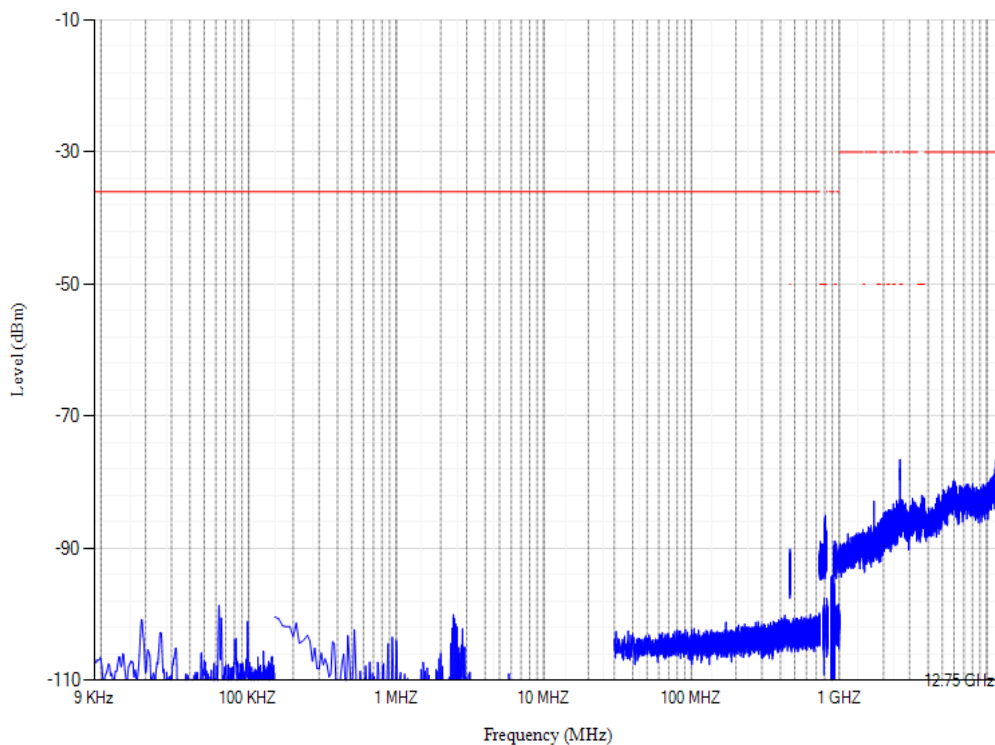
Band20 QPSK BW=20MHz Channel=24350 RB Size=1 Position=#0.png

## Conducted spurious emissions



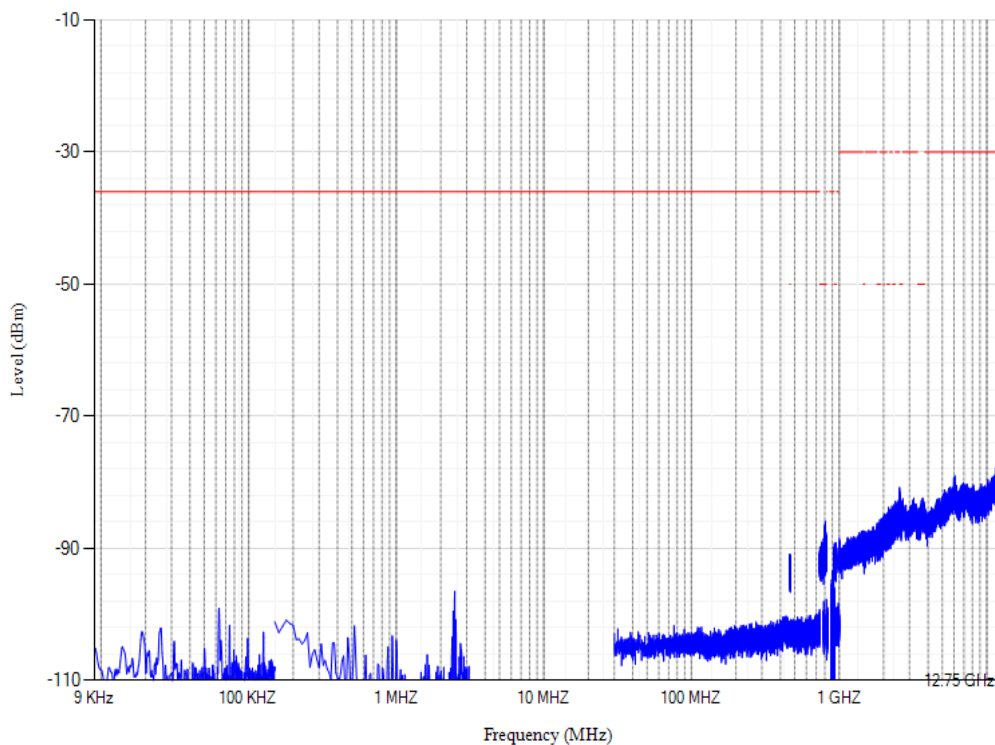
Band20 QPSK BW=20MHz Channel=24350 RB Size=1 Position=#Max.png

## Conducted spurious emissions



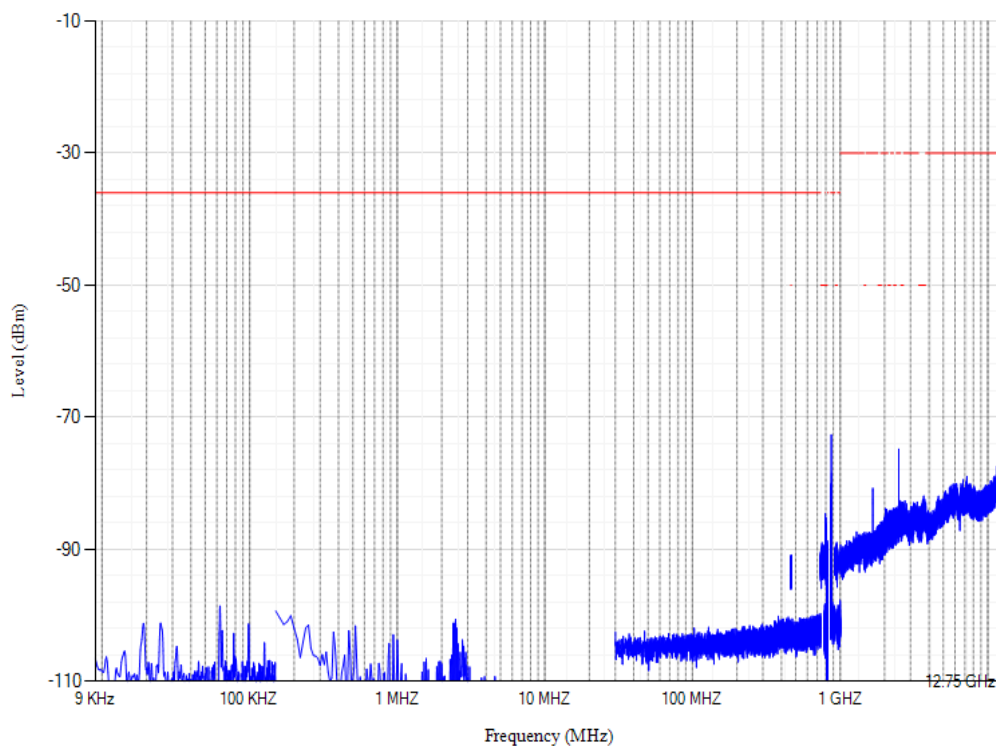
Band20 QPSK BW=20MHz Channel=24350 RB Size=100 Position=#0.png

## Conducted spurious emissions



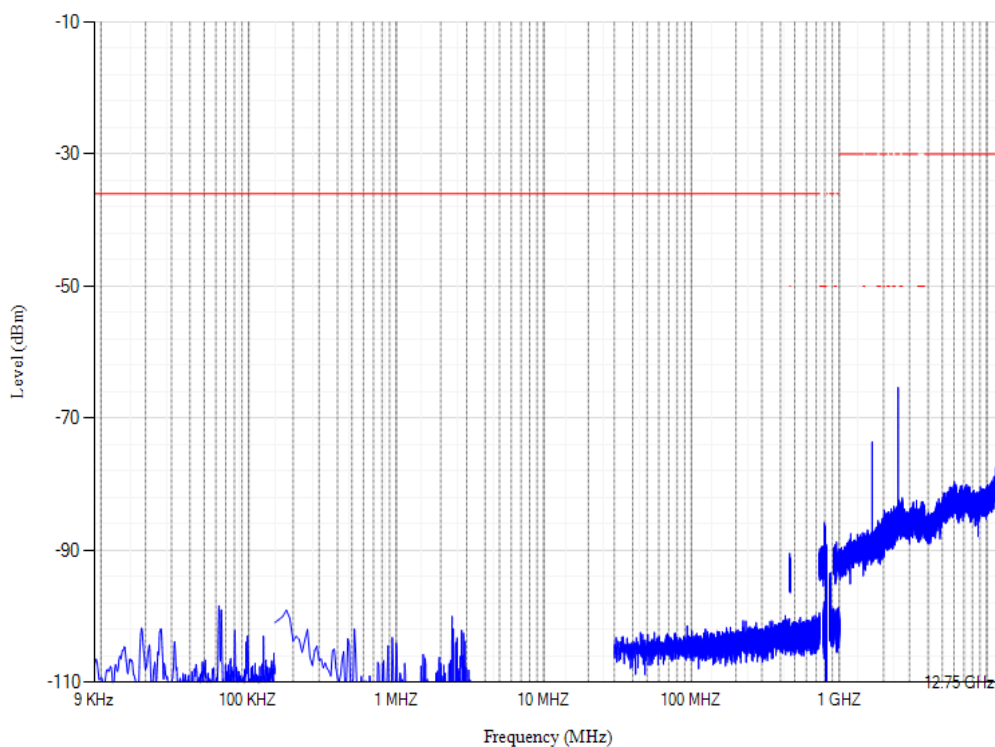
Band20 QPSK BW=5MHz Channel=24175 RB Size=1 Position=#0.png

## Conducted spurious emissions



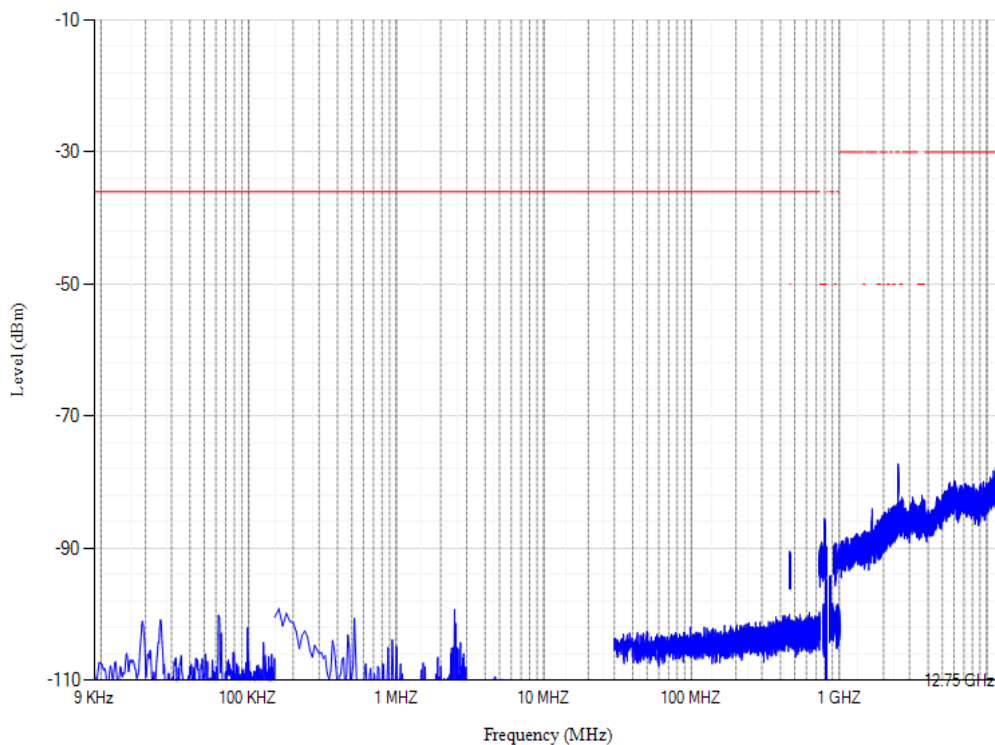
Band20 QPSK BW=5MHz Channel=24175 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png

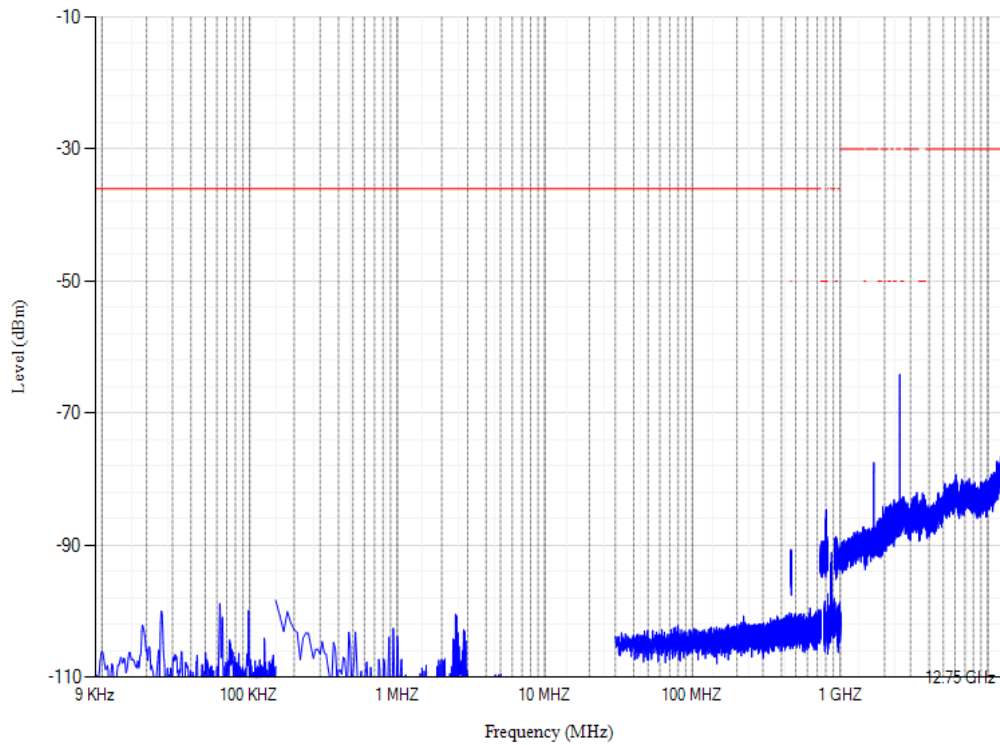
## Conducted spurious emissions





Band20 QPSK BW=5MHz Channel=24300 RB Size=1 Position=#0.png

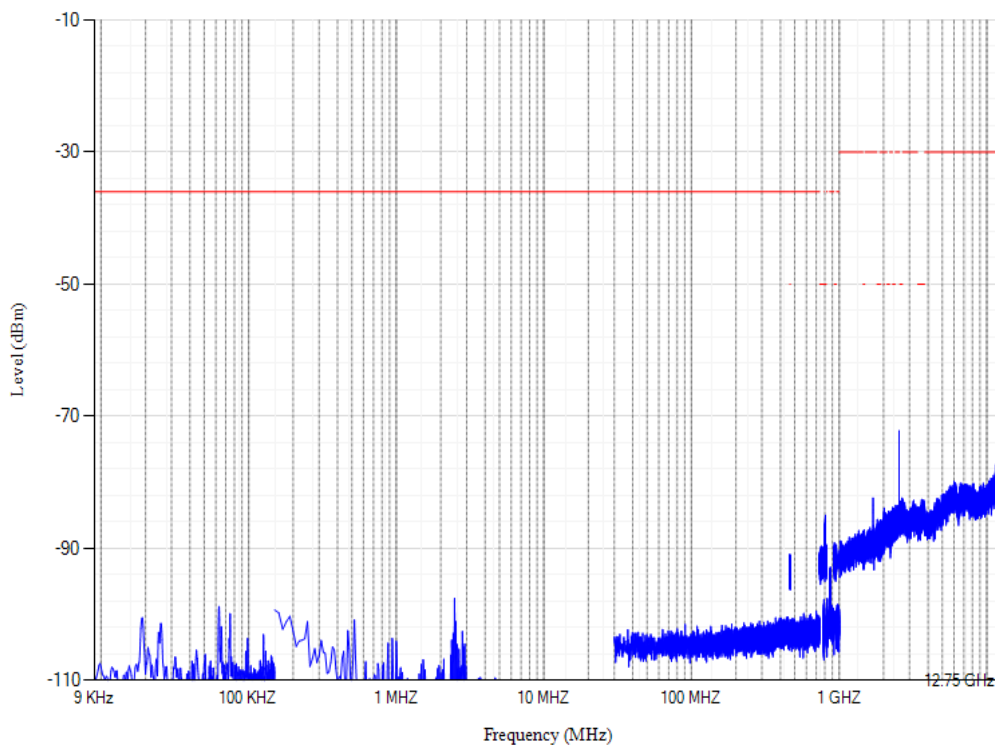
## Conducted spurious emissions



Band20 QPSK BW=5MHz Channel=24300 RB Size=1 Position=#Max.png

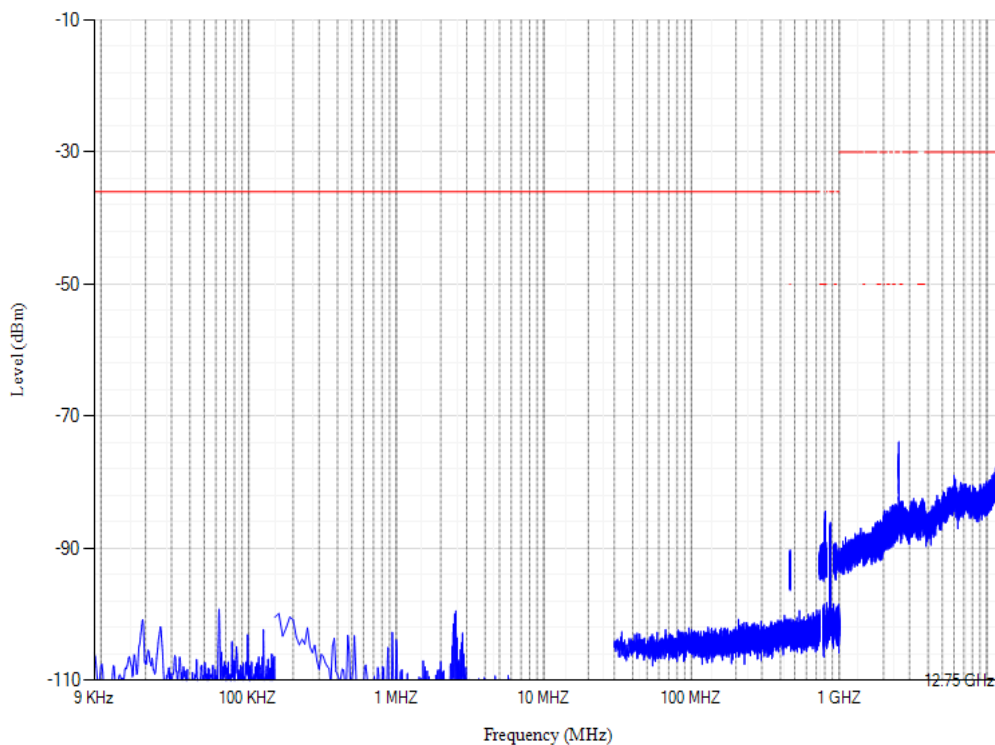


## Conducted spurious emissions



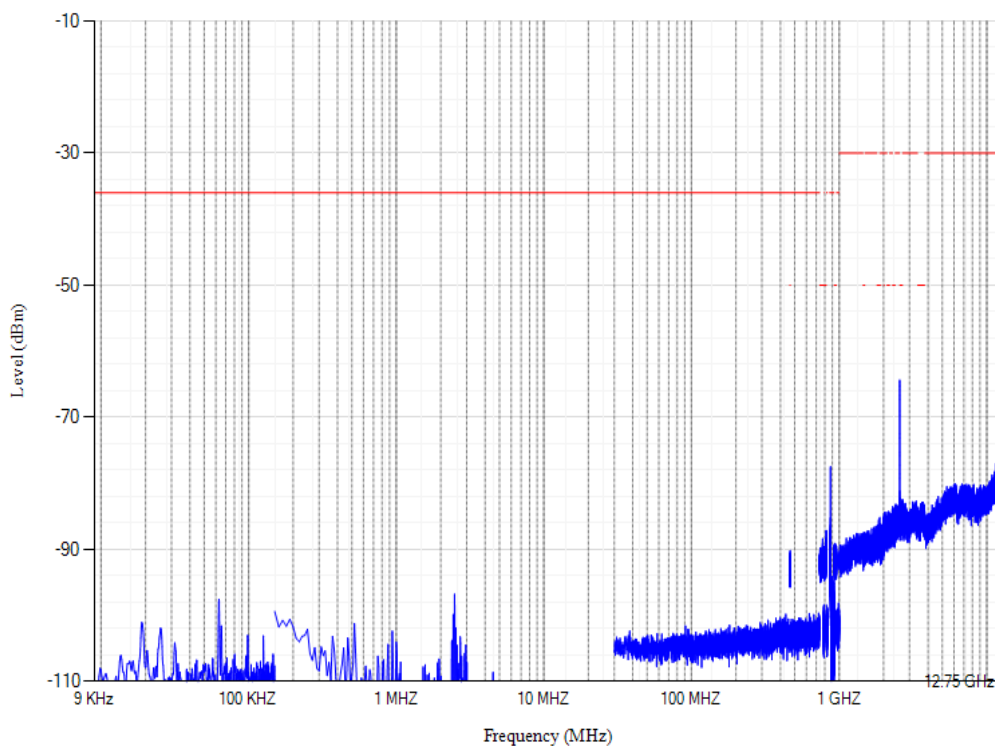
Band20 QPSK BW=5MHz Channel=24300 RB Size=25 Position=#0.png

## Conducted spurious emissions



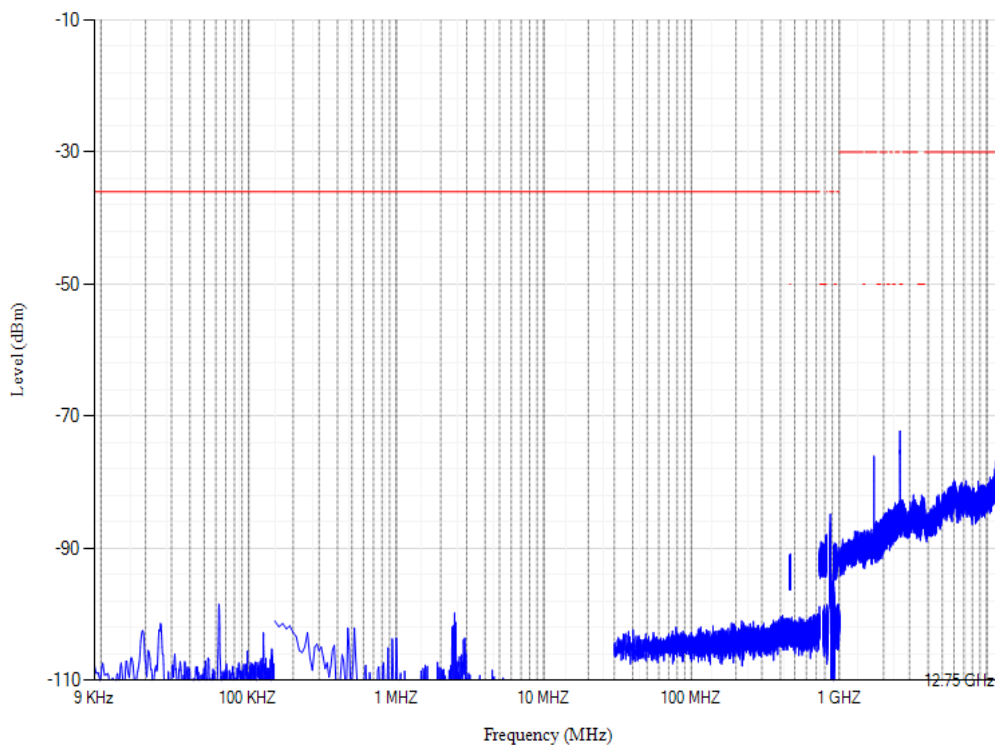
Band20 QPSK BW=5MHz Channel=24425 RB Size=1 Position=#0.png

## Conducted spurious emissions



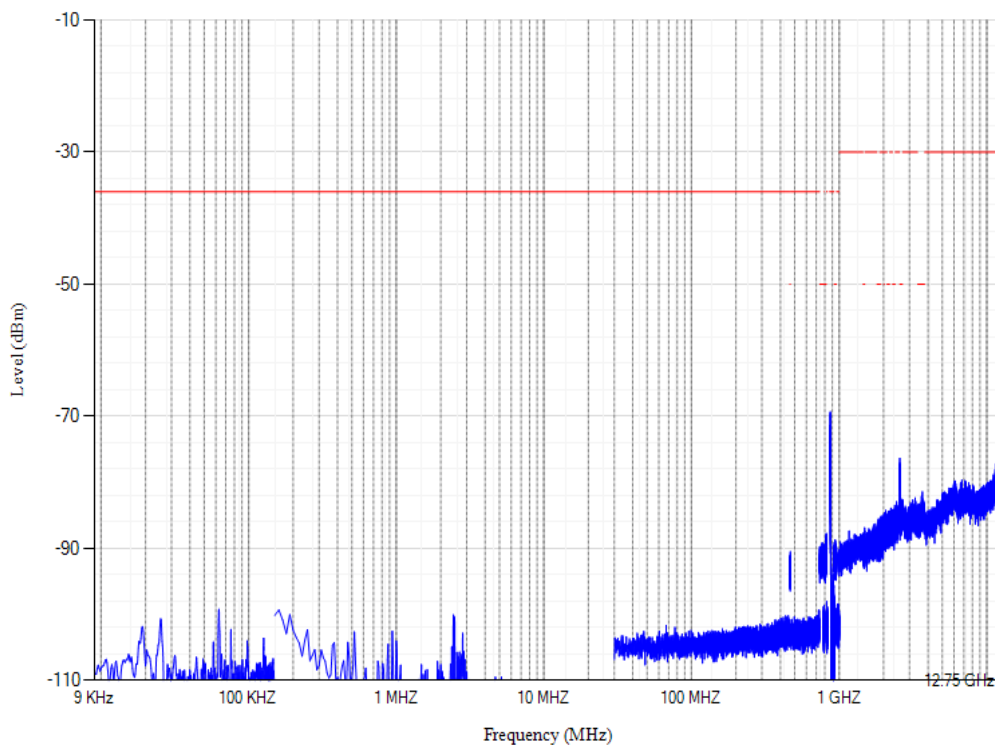
Band20 QPSK BW=5MHz Channel=24425 RB Size=1 Position=#Max.png

## Conducted spurious emissions



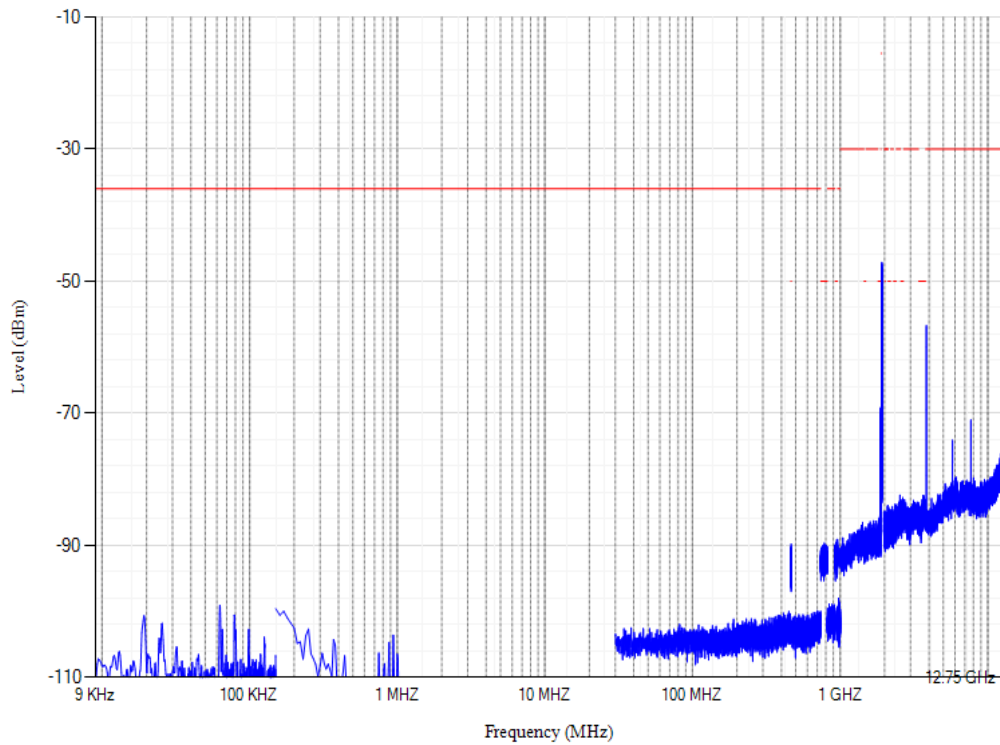
Band20 QPSK BW=5MHz Channel=24425 RB Size=25 Position=#0.png

## Conducted spurious emissions



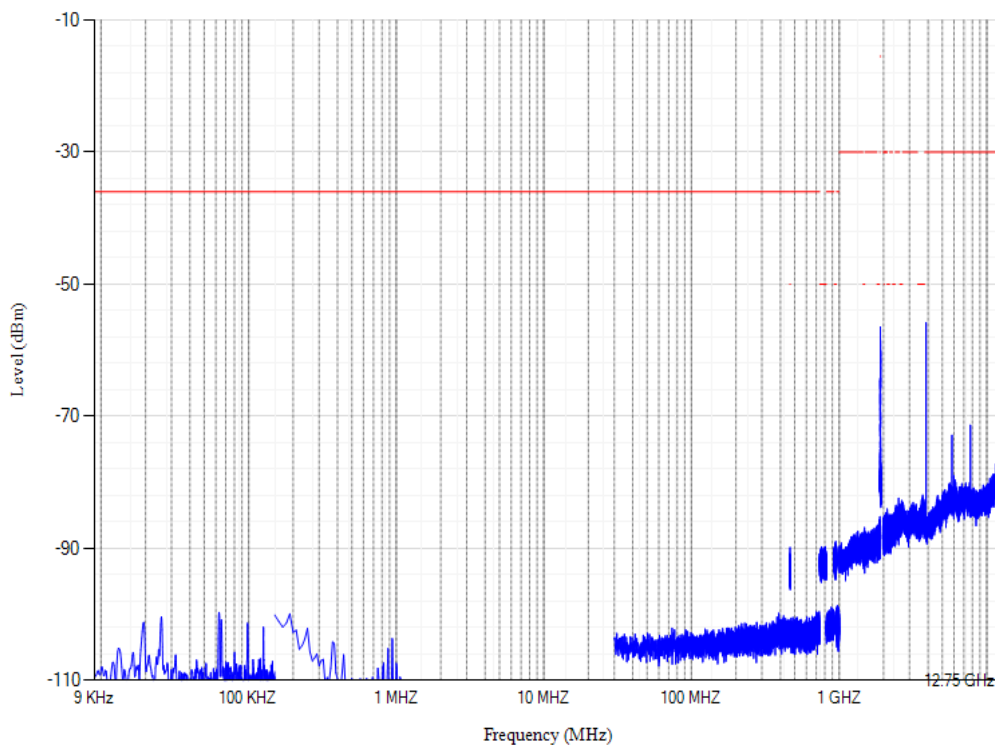
Band1 QPSK BW=20MHz Channel=18100 RB Size=1 Position=#0.png

## Conducted spurious emissions



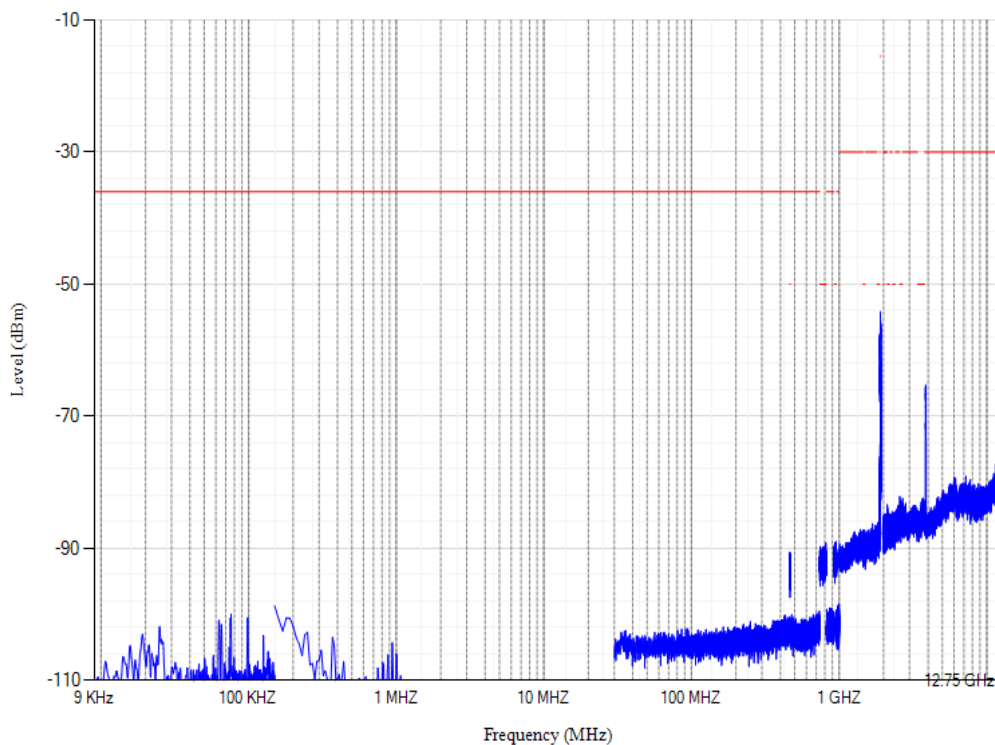
Band1 QPSK BW=20MHz Channel=18100 RB Size=1 Position=#Max.png

## Conducted spurious emissions



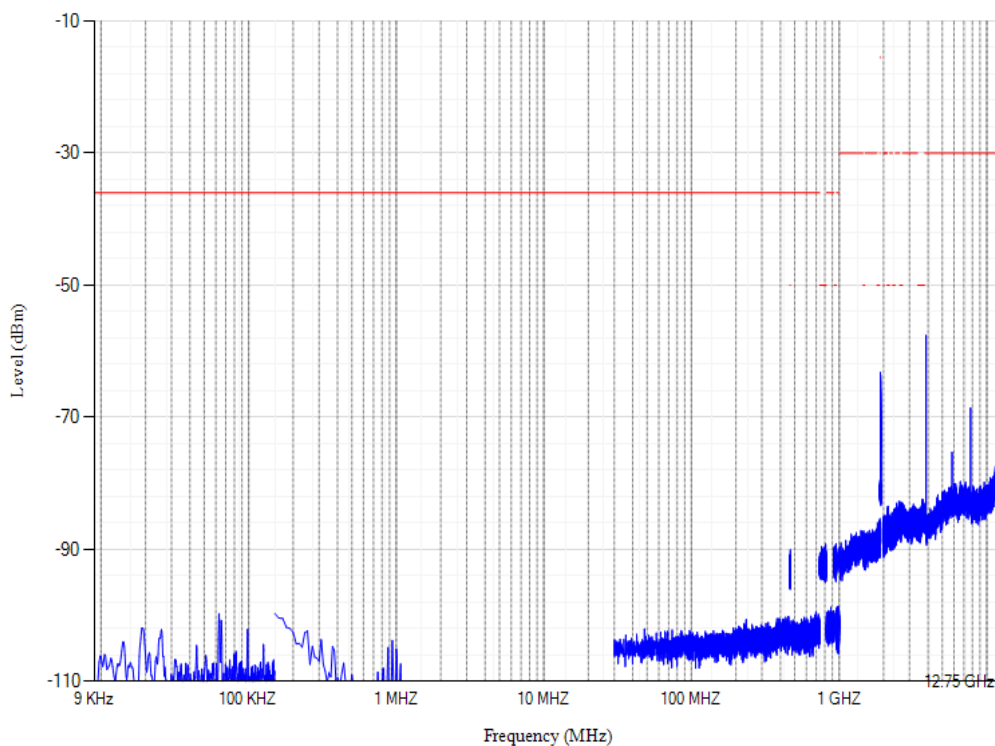
Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png

## Conducted spurious emissions



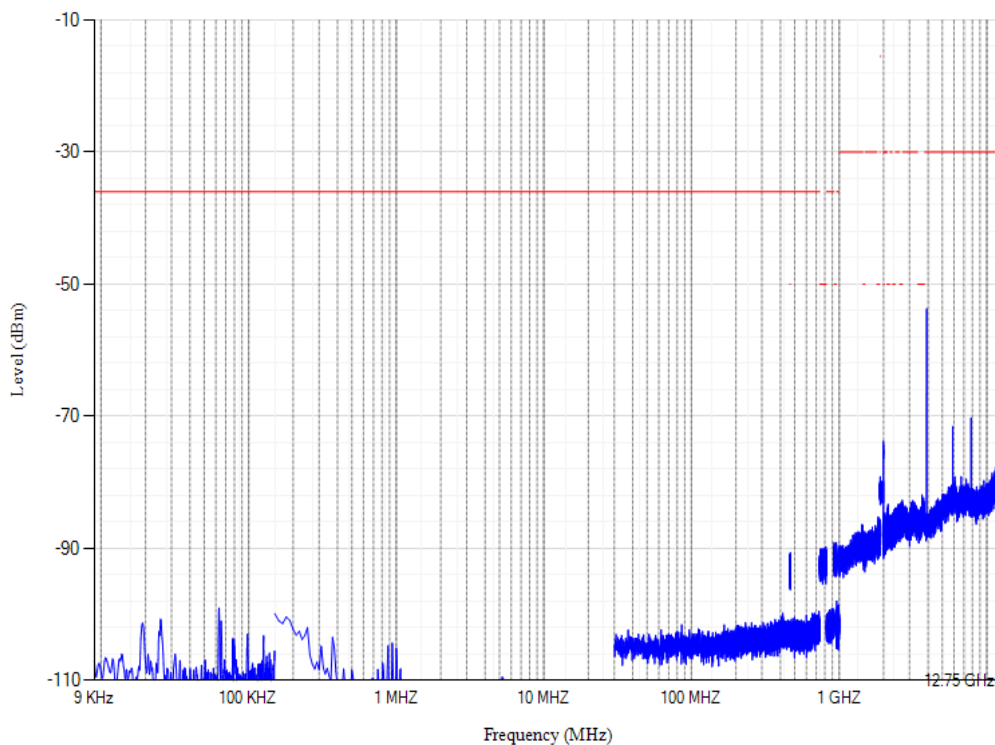
Band1 QPSK BW=20MHz Channel=18300 RB Size=1 Position=#0.png

## Conducted spurious emissions



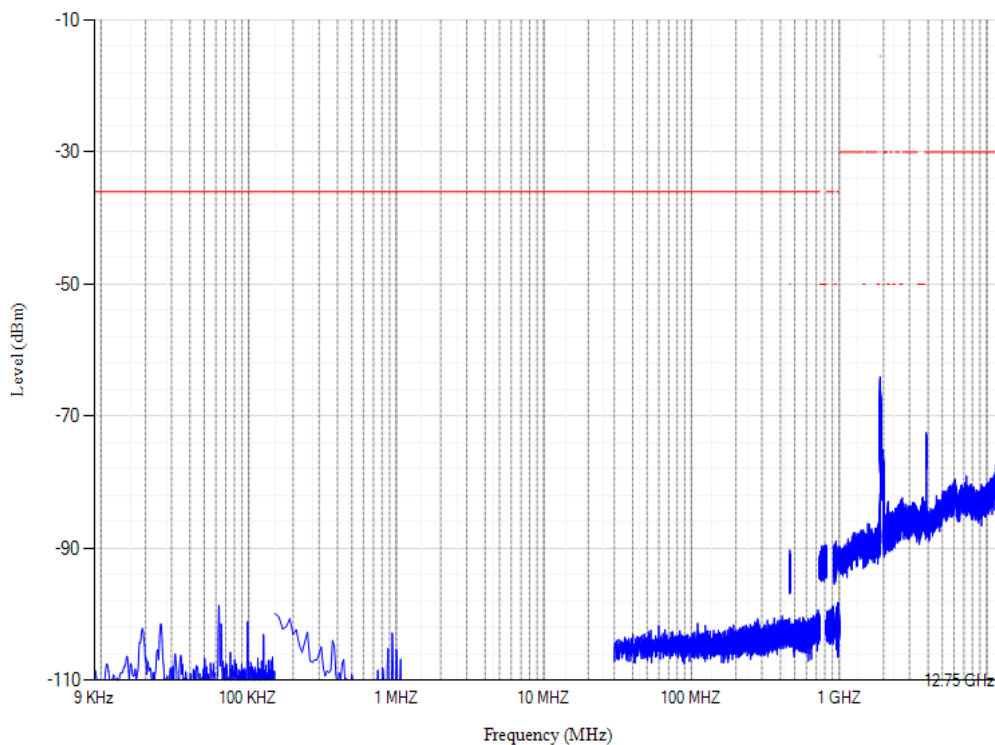
Band1 QPSK BW=20MHz Channel=18300 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band1 QPSK BW=20MHz Channel=18300 RB Size=100 Position=#0.png

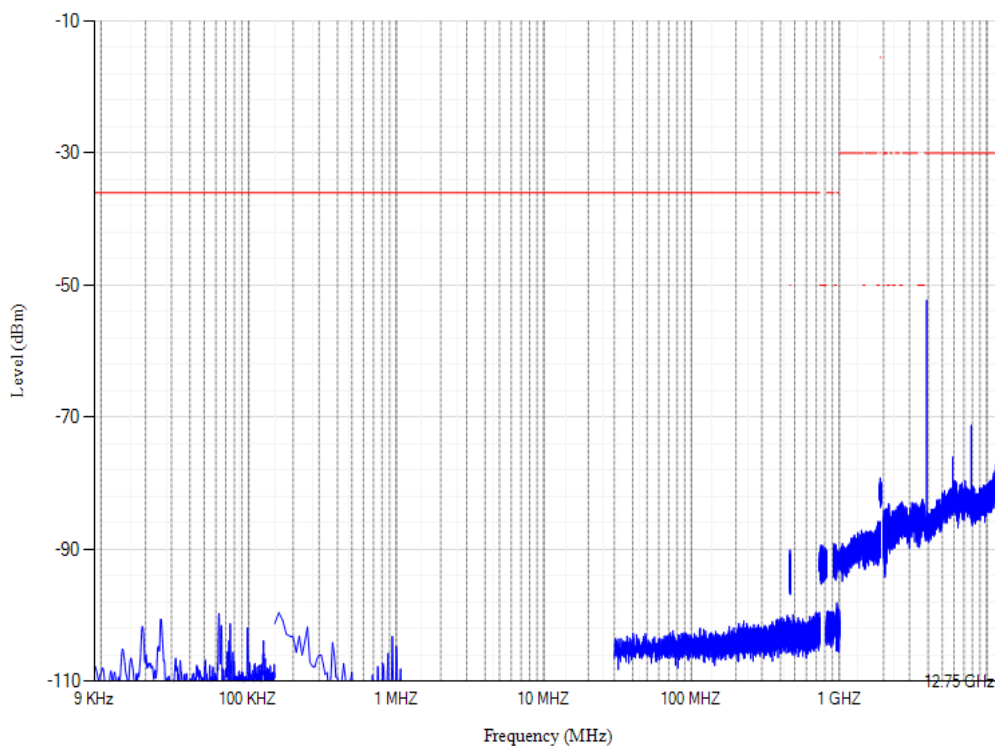
## Conducted spurious emissions





Band1 QPSK BW=20MHz Channel=18500 RB Size=1 Position=#0.png

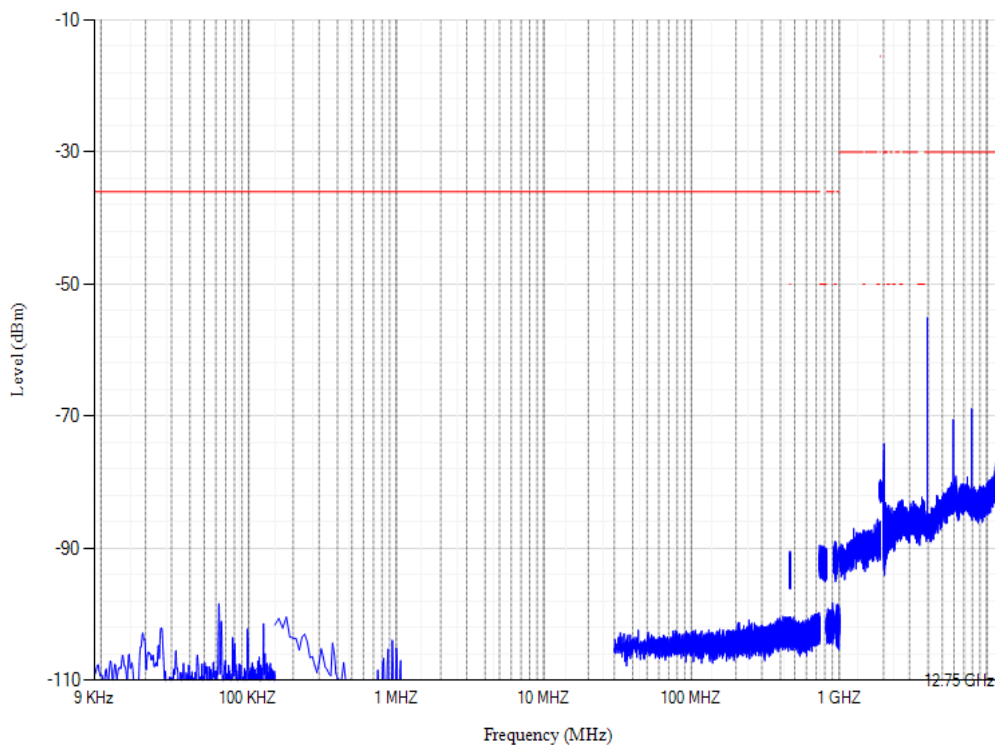
## Conducted spurious emissions



Band1 QPSK BW=20MHz Channel=18500 RB Size=1 Position=#Max.png

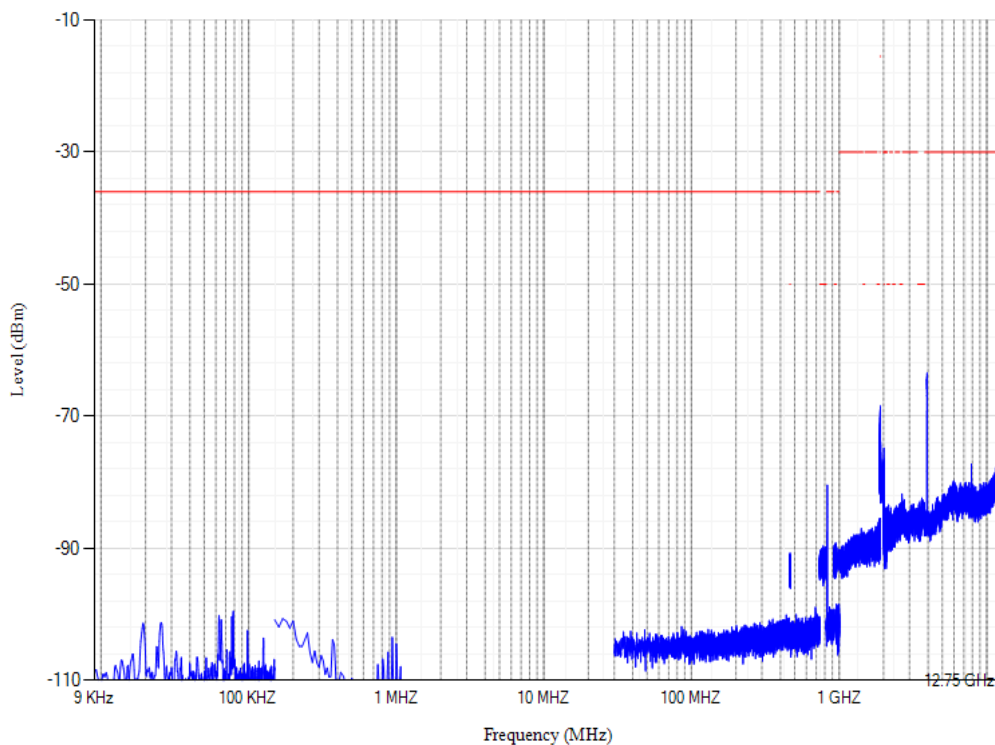


## Conducted spurious emissions



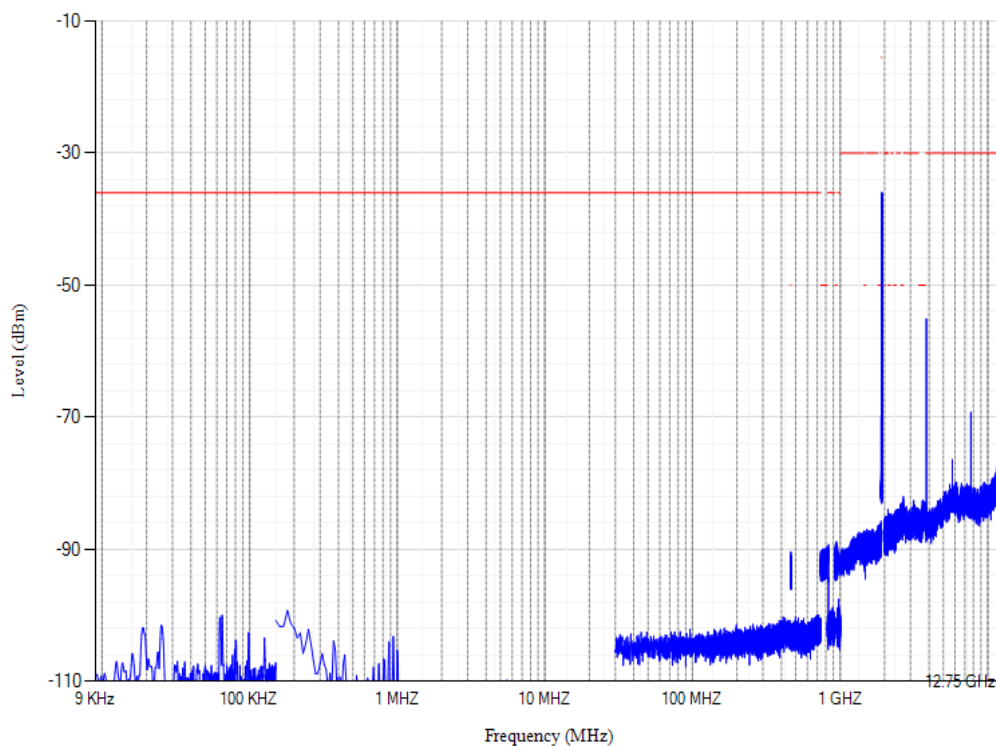
Band1 QPSK BW=20MHz Channel=18500 RB Size=100 Position=#0.png

## Conducted spurious emissions



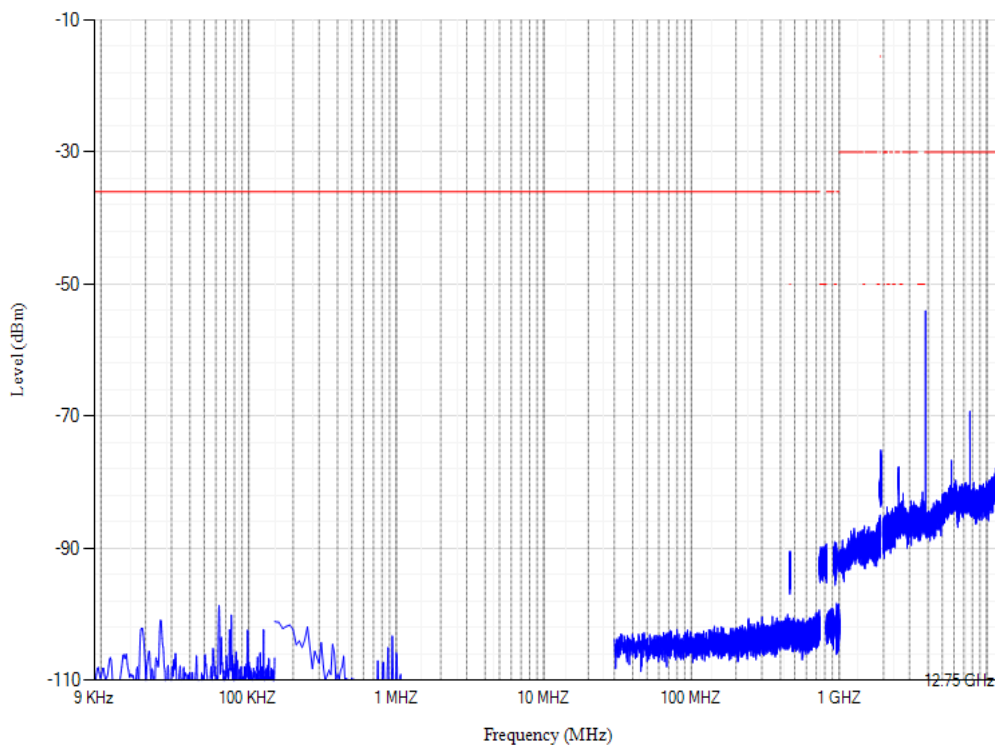
Band1 QPSK BW=5MHz Channel=18025 RB Size=1 Position=#0.png

## Conducted spurious emissions



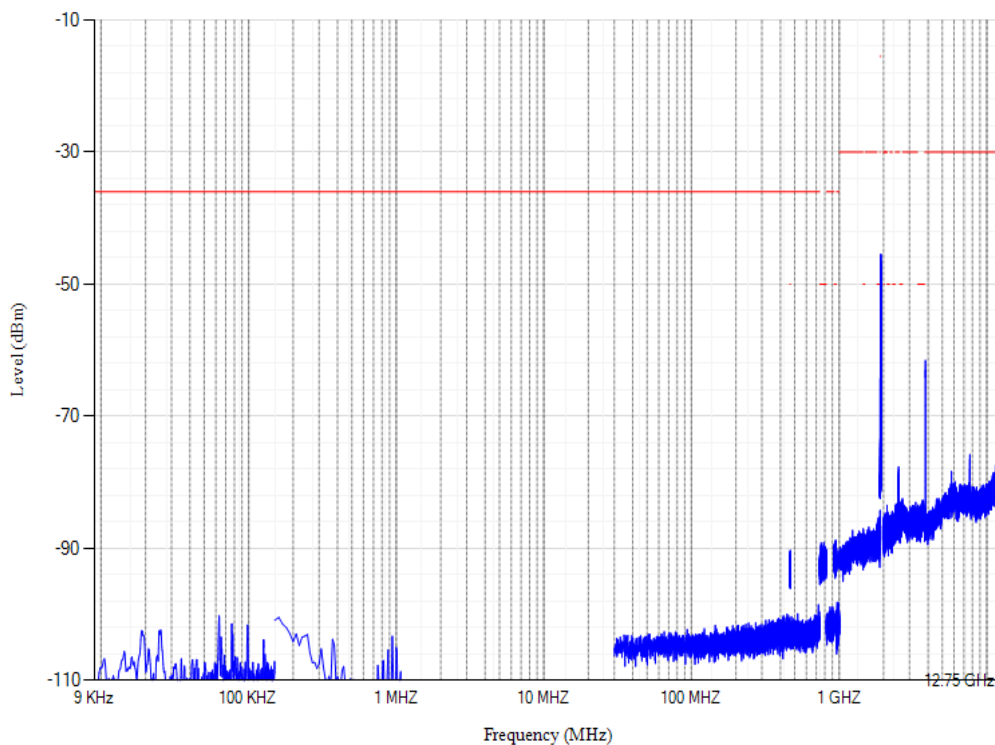
Band1 QPSK BW=5MHz Channel=18025 RB Size=1 Position=#Max.png

## Conducted spurious emissions



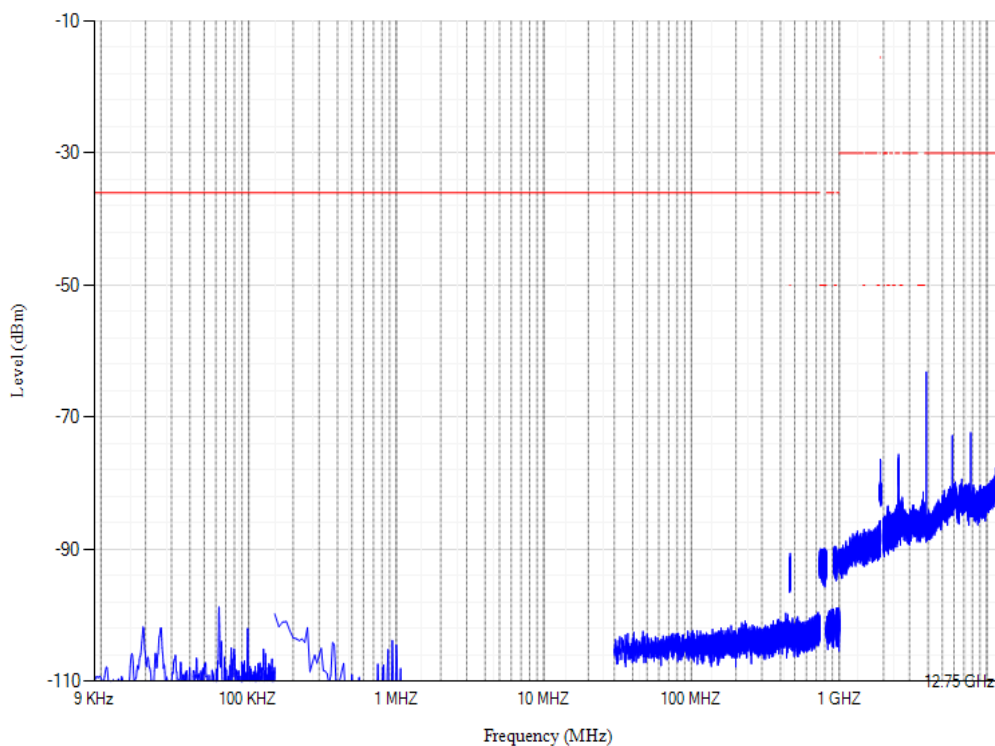
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png

## Conducted spurious emissions



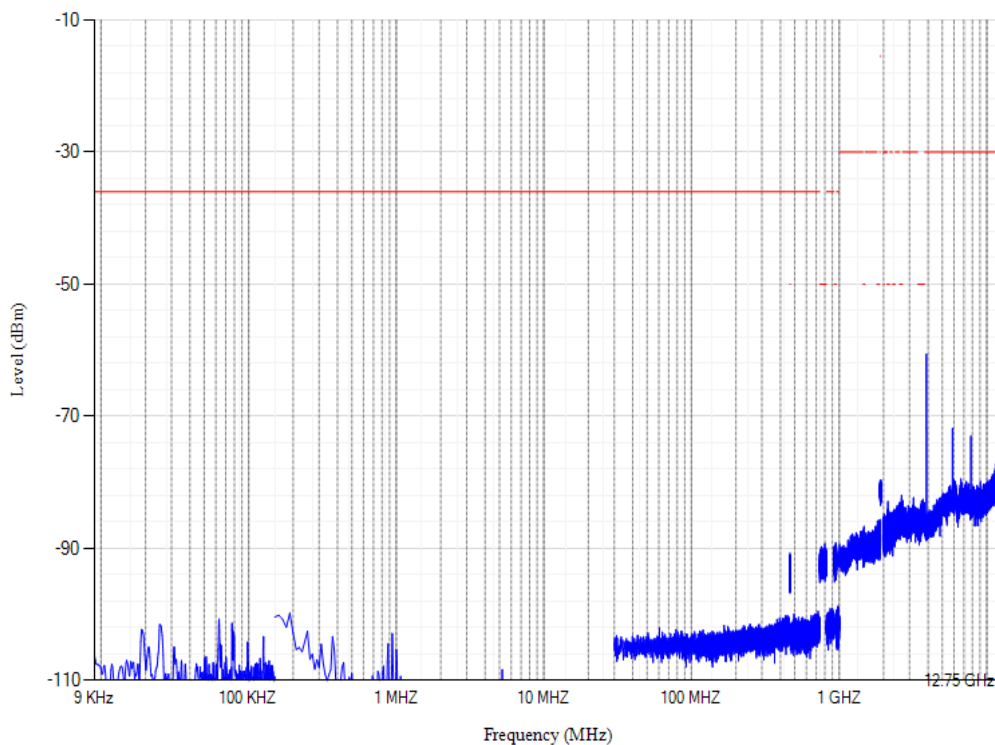
Band1 QPSK BW=5MHz Channel=18300 RB Size=1 Position=#0.png

## Conducted spurious emissions



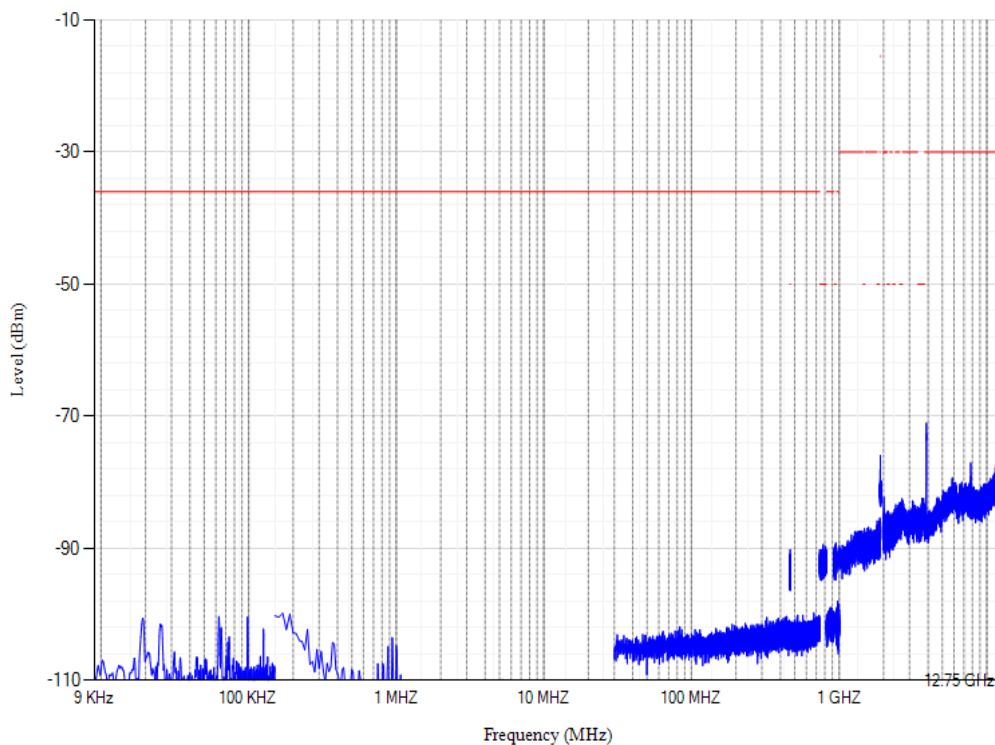
Band1 QPSK BW=5MHz Channel=18300 RB Size=1 Position=#Max.png

## Conducted spurious emissions



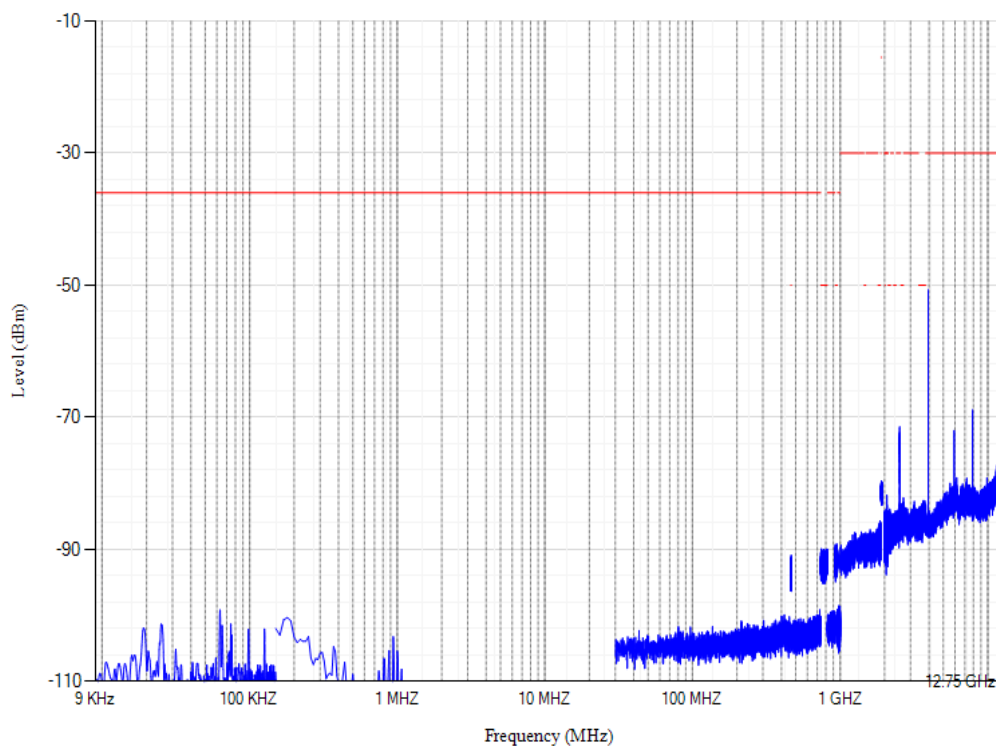
Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png

## Conducted spurious emissions



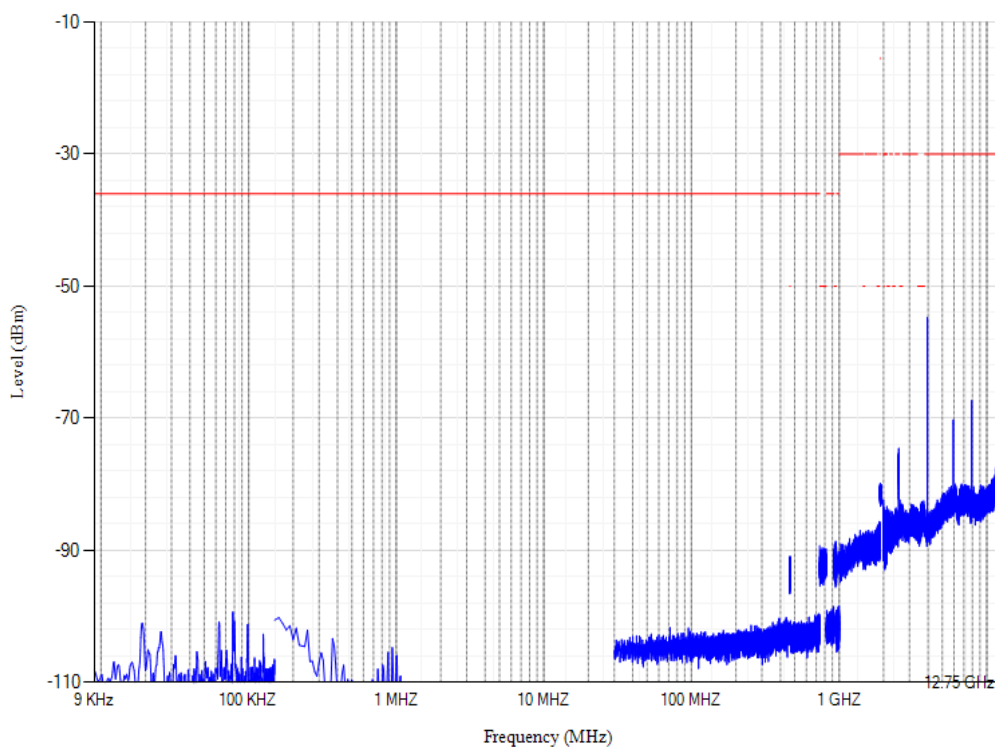
Band1 QPSK BW=5MHz Channel=18575 RB Size=1 Position=#0.png

## Conducted spurious emissions



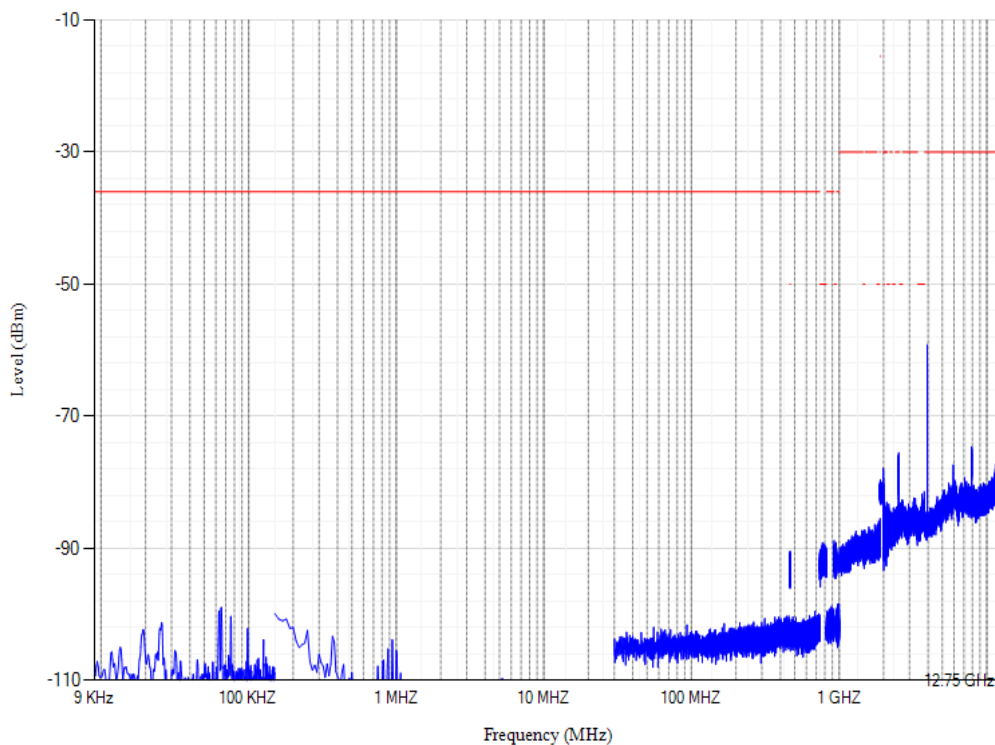
Band1 QPSK BW=5MHz Channel=18575 RB Size=1 Position=#Max.png

## Conducted spurious emissions



Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png

## Conducted spurious emissions





**Clause 4.2.5 LTE Transmitter minimum output power**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Limit (dBm)	Verdict
3	1.4	19457	6	#0	QPSK	-49.20	-39	PASS
3	1.4	19675	6	#0	QPSK	-49.74	-39	PASS
3	1.4	19893	6	#0	QPSK	-49.93	-39	PASS
3	5	19475	25	#0	QPSK	-48.37	-39	PASS
3	5	19675	25	#0	QPSK	-49.80	-39	PASS
3	5	19875	25	#0	QPSK	-49.32	-39	PASS
3	20	19550	100	#0	QPSK	-48.61	-39	PASS
3	20	19675	100	#0	QPSK	-49.24	-39	PASS
3	20	19800	100	#0	QPSK	-49.49	-39	PASS
7	5	20775	25	#0	QPSK	-49.65	-39	PASS
7	5	21100	25	#0	QPSK	-49.93	-39	PASS
7	5	21425	25	#0	QPSK	-51.40	-39	PASS
7	20	20850	100	#0	QPSK	-49.73	-39	PASS
7	20	21100	100	#0	QPSK	-48.94	-39	PASS
7	20	21350	100	#0	QPSK	-49.38	-39	PASS
8	1.4	21457	6	#0	QPSK	-50.04	-39	PASS
8	1.4	21625	6	#0	QPSK	-50.05	-39	PASS
8	1.4	21793	6	#0	QPSK	-50.67	-39	PASS
8	5	21475	25	#0	QPSK	-47.76	-39	PASS
8	5	21625	25	#0	QPSK	-49.73	-39	PASS
8	5	21775	25	#0	QPSK	-50.37	-39	PASS
8	10	21500	50	#0	QPSK	-50.48	-39	PASS
8	10	21625	50	#0	QPSK	-50.92	-39	PASS
8	10	21750	50	#0	QPSK	-47.36	-39	PASS
20	5	24175	25	#0	QPSK	-48.45	-39	PASS
20	5	24300	25	#0	QPSK	-50.63	-39	PASS
20	5	24425	25	#0	QPSK	-49.66	-39	PASS
20	20	24250	100	#0	QPSK	-50.29	-39	PASS
20	20	24300	100	#0	QPSK	-47.53	-39	PASS
20	20	24350	100	#0	QPSK	-48.19	-39	PASS
1	5	18025	25	#0	QPSK	-49.20	-39	PASS
1	5	18300	25	#0	QPSK	-50.01	-39	PASS
1	5	18575	25	#0	QPSK	-48.96	-39	PASS
1	20	18100	100	#0	QPSK	-50.64	-39	PASS
1	20	18300	100	#0	QPSK	-47.92	-39	PASS
1	20	18500	100	#0	QPSK	-48.83	-39	PASS

**Clause 4.2.6 LTE Receiver adjacent channel selectivity**

Band	Bandwidth (MHz)	UL Channel	UL RB	Modulation	Case	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
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			Size							
3	1.4	19575	6	QPSK	Case1	1841.0975	-55.5	100.00	95	PASS
3	1.4	19575	6	QPSK	Case1	1843.9025	-55.5	100.00	95	PASS
3	1.4	19575	6	QPSK	Case2	1841.0975	-25	100.00	95	PASS
3	1.4	19575	6	QPSK	Case2	1843.9025	-25	100.00	95	PASS
3	5	19575	25	QPSK	Case1	1837.4975	-50.8	100.00	95	PASS
3	5	19575	25	QPSK	Case1	1847.5025	-50.8	100.00	95	PASS
3	5	19575	25	QPSK	Case2	1837.4975	-25	100.00	95	PASS
3	5	19575	25	QPSK	Case2	1847.5025	-25	100.00	95	PASS
3	20	19575	100	QPSK	Case1	1829.9975	-50.8	100.00	95	PASS
3	20	19575	100	QPSK	Case1	1855.0025	-50.8	100.00	95	PASS
3	20	19575	100	QPSK	Case2	1829.9975	-25	100.00	95	PASS
3	20	19575	100	QPSK	Case2	1855.0025	-25	100.00	95	PASS
7	5	21100	25	QPSK	Case1	2649.9975	-51.8	100.00	95	PASS
7	5	21100	25	QPSK	Case1	2660.0025	-51.8	100.00	95	PASS
7	5	21100	25	QPSK	Case2	2649.9975	-25	100.00	95	PASS
7	5	21100	25	QPSK	Case2	2660.0025	-25	100.00	95	PASS
7	20	21100	100	QPSK	Case1	2642.4975	-51.8	100.00	95	PASS
7	20	21100	100	QPSK	Case1	2667.5025	-51.8	100.00	95	PASS
7	20	21100	100	QPSK	Case2	2642.4975	-25	100.00	95	PASS
7	20	21100	100	QPSK	Case2	2667.5025	-25	100.00	95	PASS
8	1.4	21625	6	QPSK	Case1	941.0975	-56	100.00	95	PASS
8	1.4	21625	6	QPSK	Case1	943.9025	-56	100.00	95	PASS
8	1.4	21625	6	QPSK	Case2	941.0975	-25	100.00	95	PASS
8	1.4	21625	6	QPSK	Case2	943.9025	-25	100.00	95	PASS
8	5	21625	25	QPSK	Case1	937.4975	-50.8	100.00	95	PASS
8	5	21625	25	QPSK	Case1	947.5025	-50.8	100.00	95	PASS
8	5	21625	25	QPSK	Case2	937.4975	-25	100.00	95	PASS
8	5	21625	25	QPSK	Case2	947.5025	-25	100.00	95	PASS
8	10	21625	50	QPSK	Case1	934.9925	-47.8	100.00	95	PASS
8	10	21625	50	QPSK	Case1	950.0075	-47.8	100.00	95	PASS
8	10	21625	50	QPSK	Case2	934.9925	-25	100.00	95	PASS
8	10	21625	50	QPSK	Case2	950.0075	-25	100.00	95	PASS
20	5	24300	25	QPSK	Case1	800.9975	-50.8	100.00	95	PASS
20	5	24300	25	QPSK	Case1	811.0025	-50.8	100.00	95	PASS
20	5	24300	25	QPSK	Case2	800.9975	-25	100.00	95	PASS
20	5	24300	25	QPSK	Case2	811.0025	-25	100.00	95	PASS
20	20	24300	100	QPSK	Case1	793.4975	-49.8	100.00	95	PASS
20	20	24300	100	QPSK	Case1	818.5025	-49.8	100.00	95	PASS
20	20	24300	100	QPSK	Case2	793.4975	-25	100.00	95	PASS
20	20	24300	100	QPSK	Case2	818.5025	-25	100.00	95	PASS
1	5	18300	25	QPSK	Case1	2134.9975	-53.8	100.00	95	PASS

1	5	18300	25	QPSK	Case1	2145.0025	-53.8	100.00	95	PASS
1	5	18300	25	QPSK	Case2	2134.9975	-25	100.00	95	PASS
1	5	18300	25	QPSK	Case2	2145.0025	-25	100.00	95	PASS
1	20	18300	100	QPSK	Case1	2127.4975	-53.8	100.00	95	PASS
1	20	18300	100	QPSK	Case1	2152.5025	-53.8	100.00	95	PASS
1	20	18300	100	QPSK	Case2	2127.4975	-25	100.00	95	PASS
1	20	18300	100	QPSK	Case2	2152.5025	-25	100.00	95	PASS

#### Clause 4.2.9 LTE Receiver intermodulation characteristics

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Interference 1 Freq (MHz)	Interference 1 Level (dBm)	Interference 2 Freq (MHz)	Interference 2 Level (dBm)	Throughput (%)	Limit (%)	Verdict
3	1.4	19575	6	QPSK	1839.7	-46	1836.9	-46	100.00	95	PASS
3	1.4	19575	6	QPSK	1845.3	-46	1848.1	-46	100.00	95	PASS
3	5	19575	25	QPSK	1832.5	-46	1822.5	-46	100.00	95	PASS
3	5	19575	25	QPSK	1852.5	-46	1862.5	-46	100.00	95	PASS
3	20	19575	100	QPSK	1825	-46	1807.5	-46	100.00	95	PASS
3	20	19575	100	QPSK	1860	-46	1877.5	-46	100.00	95	PASS
7	5	21100	25	QPSK	2645	-46	2635	-46	100.00	95	PASS
7	5	21100	25	QPSK	2665	-46	2675	-46	100.00	95	PASS
7	20	21100	100	QPSK	2637.5	-46	2620	-46	100.00	95	PASS
7	20	21100	100	QPSK	2672.5	-46	2690	-46	100.00	95	PASS
8	1.4	21625	6	QPSK	939.7	-46	936.9	-46	100.00	95	PASS
8	1.4	21625	6	QPSK	945.3	-46	948.1	-46	100.00	95	PASS
8	5	21625	25	QPSK	932.5	-46	922.5	-46	100.00	95	PASS
8	5	21625	25	QPSK	952.5	-46	962.5	-46	100.00	95	PASS
8	10	21625	50	QPSK	930	-46	917.5	-46	100.00	95	PASS
8	10	21625	50	QPSK	955	-46	967.5	-46	100.00	95	PASS
20	5	24300	25	QPSK	796	-46	786	-46	100.00	95	PASS
20	5	24300	25	QPSK	816	-46	826	-46	100.00	95	PASS
20	20	24300	100	QPSK	788.5	-46	771	-46	100.00	95	PASS
20	20	24300	100	QPSK	823.5	-46	841	-46	100.00	95	PASS
1	5	18300	25	QPSK	2130	-46	2120	-46	100.00	95	PASS
1	5	18300	25	QPSK	2150	-46	2160	-46	100.00	95	PASS
1	20	18300	100	QPSK	2122.5	-46	2105	-46	100.00	95	PASS
1	20	18300	100	QPSK	2157.5	-46	2175	-46	100.00	95	PASS

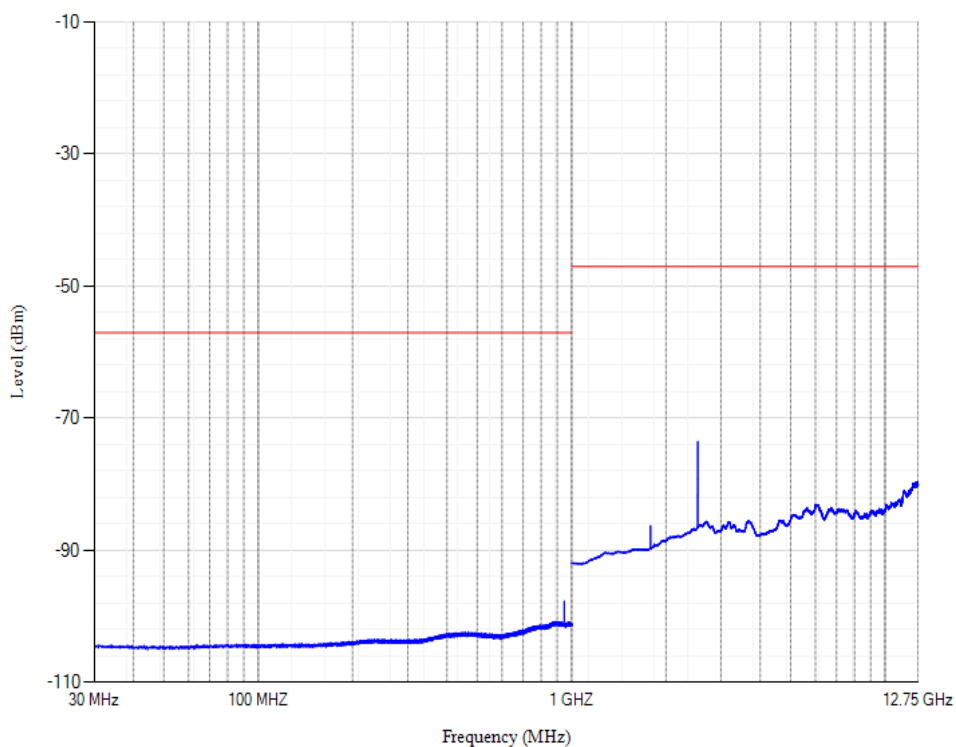
#### Clause 4.2.10 LTE Receiver spurious emissions

Band	Bandwidth (MHz)	UL Channel	Modulation	Range (MHz)	RBW (KHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
3	20	19550	QPSK	30-1000	100	947.8	-97.67	-57	PASS

3	20	19550	QPSK	1000-12750	1000	2526	-73.48	-47	PASS
3	20	19675	QPSK	30-1000	100	947.8	-98.76	-57	PASS
3	20	19675	QPSK	1000-12750	1000	12682	-79.63	-47	PASS
3	20	19800	QPSK	30-1000	100	947.8	-100.41	-57	PASS
3	20	19800	QPSK	1000-12750	1000	12683	-79.58	-47	PASS
7	20	20850	QPSK	30-1000	100	947.8	-99.87	-57	PASS
7	20	20850	QPSK	1000-12750	1000	12689	-79.65	-47	PASS
7	20	21100	QPSK	30-1000	100	947.8	-100.20	-57	PASS
7	20	21100	QPSK	1000-12750	1000	12683	-79.59	-47	PASS
7	20	21350	QPSK	30-1000	100	947.8	-99.96	-57	PASS
7	20	21350	QPSK	1000-12750	1000	12675	-79.61	-47	PASS
8	10	21500	QPSK	30-1000	100	929.9	-100.47	-57	PASS
8	10	21500	QPSK	1000-12750	1000	12680	-79.52	-47	PASS
8	10	21625	QPSK	30-1000	100	938.4	-99.69	-57	PASS
8	10	21625	QPSK	1000-12750	1000	12686	-79.66	-47	PASS
8	10	21750	QPSK	30-1000	100	955	-99.88	-57	PASS
8	10	21750	QPSK	1000-12750	1000	12686	-79.62	-47	PASS
20	20	24250	QPSK	30-1000	100	888.7	-100.72	-57	PASS
20	20	24250	QPSK	1000-12750	1000	12684	-79.61	-47	PASS
20	20	24300	QPSK	30-1000	100	914.4	-100.73	-57	PASS
20	20	24300	QPSK	1000-12750	1000	12686	-79.60	-47	PASS
20	20	24350	QPSK	30-1000	100	913.1	-100.77	-57	PASS
20	20	24350	QPSK	1000-12750	1000	12678	-79.63	-47	PASS
1	20	18100	QPSK	30-1000	100	947.8	-99.21	-57	PASS
1	20	18100	QPSK	1000-12750	1000	2526	-64.53	-47	PASS
1	20	18300	QPSK	30-1000	100	947.8	-99.61	-57	PASS
1	20	18300	QPSK	1000-12750	1000	1942	-50.37	-47	PASS
1	20	18500	QPSK	30-1000	100	947.8	-99.28	-57	PASS
1	20	18500	QPSK	1000-12750	1000	12688	-79.64	-47	PASS

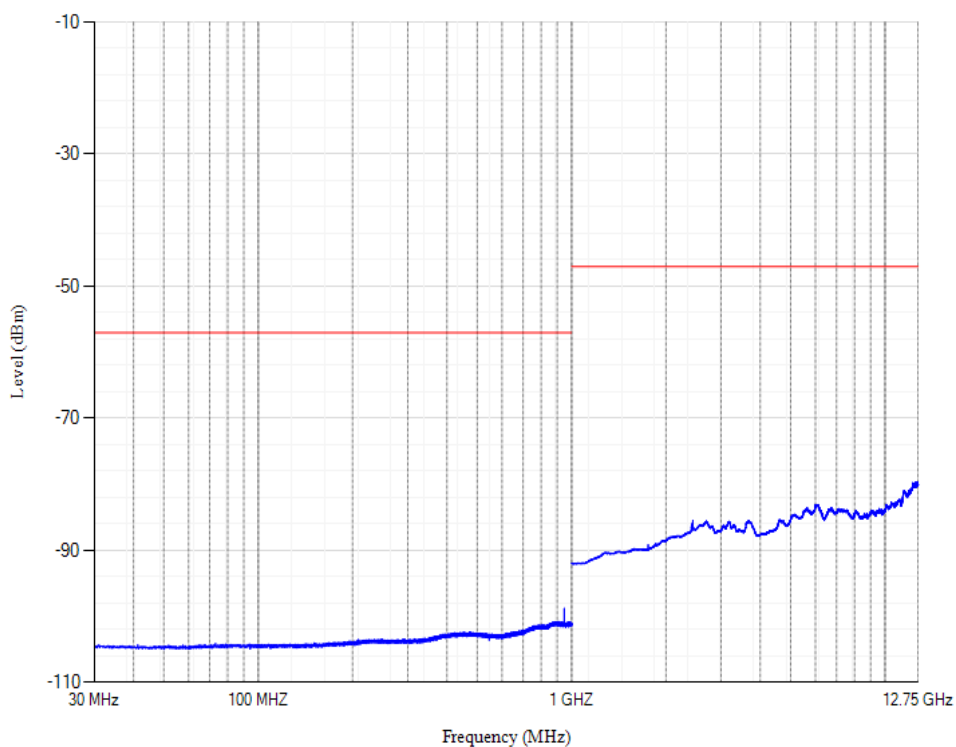
Band3 QPSK BW=20MHz Channel=19550.png

## Conducted spurious emissions



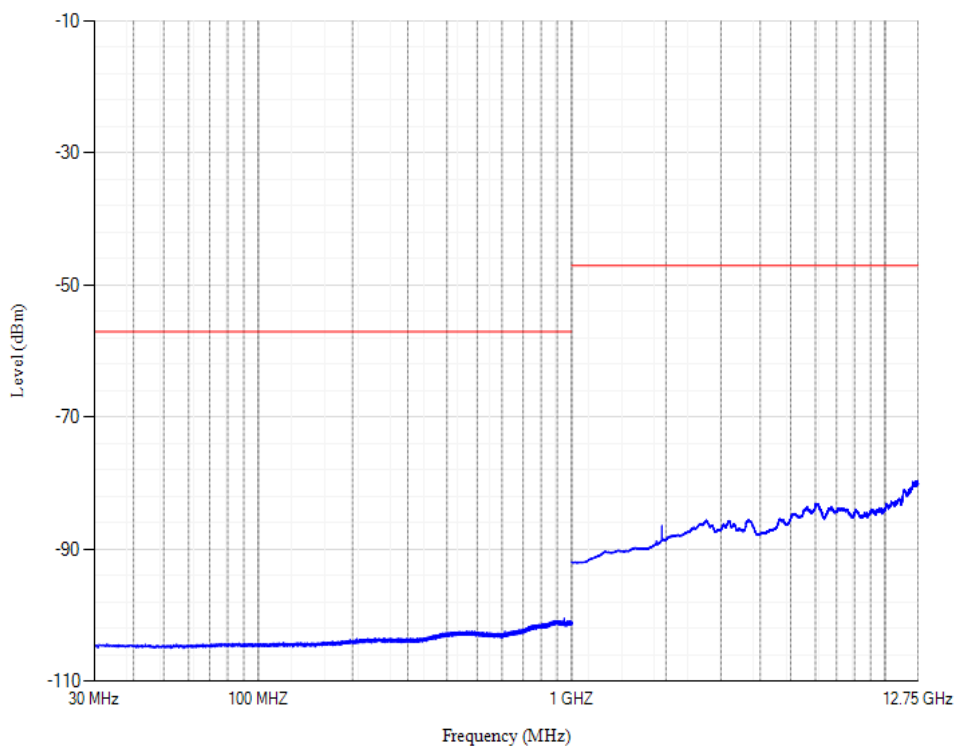
Band3 QPSK BW=20MHz Channel=19675.png

## Conducted spurious emissions



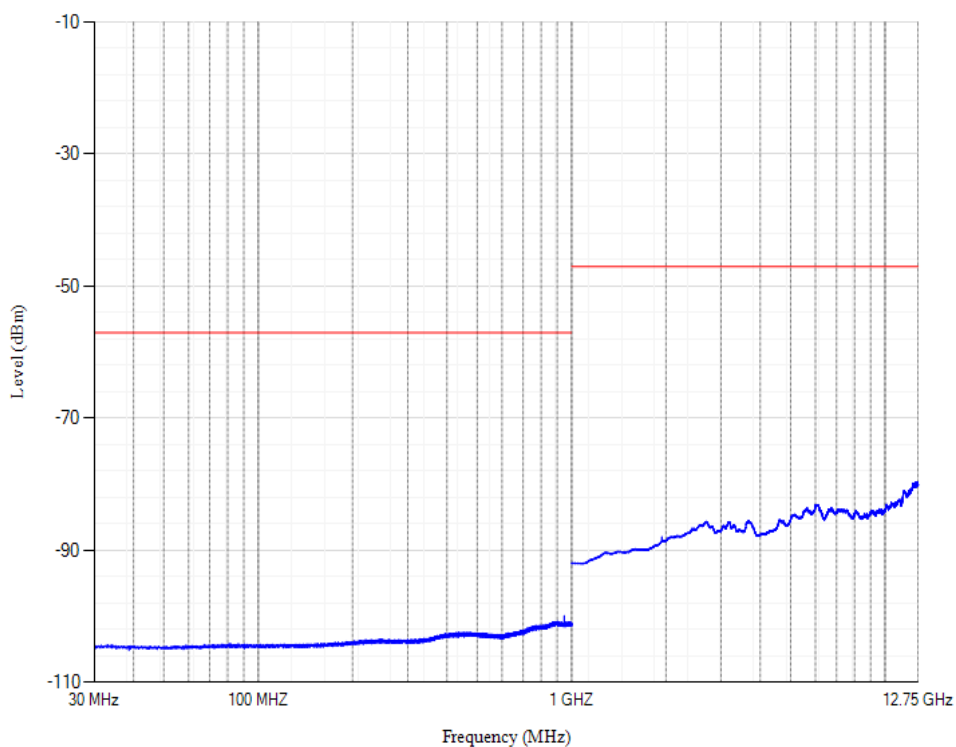
Band3 QPSK BW=20MHz Channel=19800.png

## Conducted spurious emissions



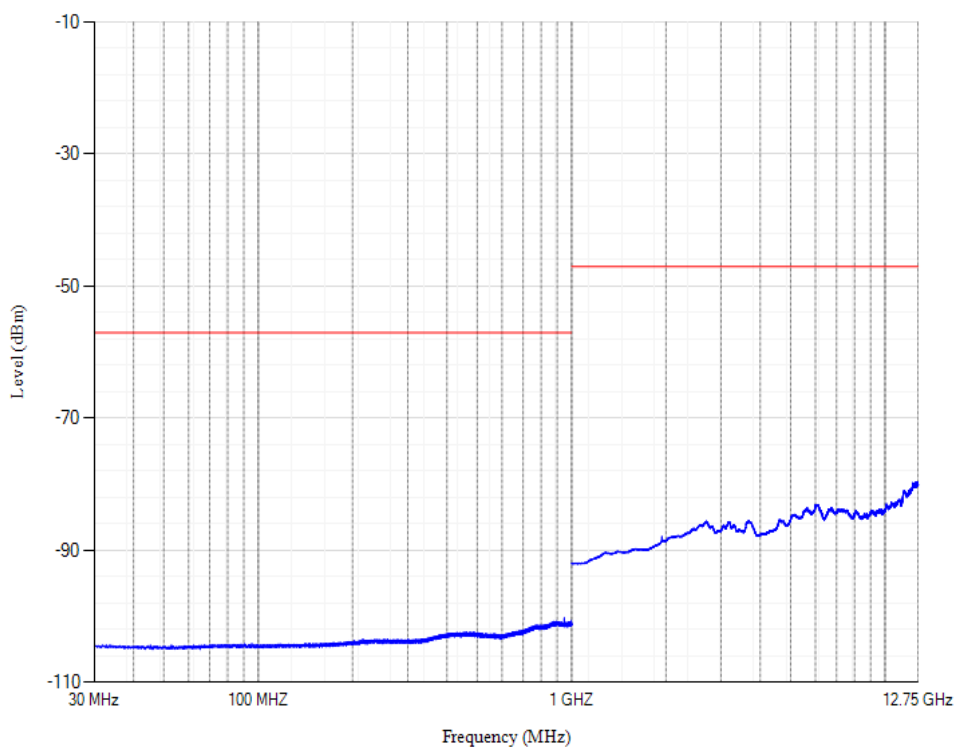
Band7 QPSK BW=20MHz Channel=20850.png

## Conducted spurious emissions



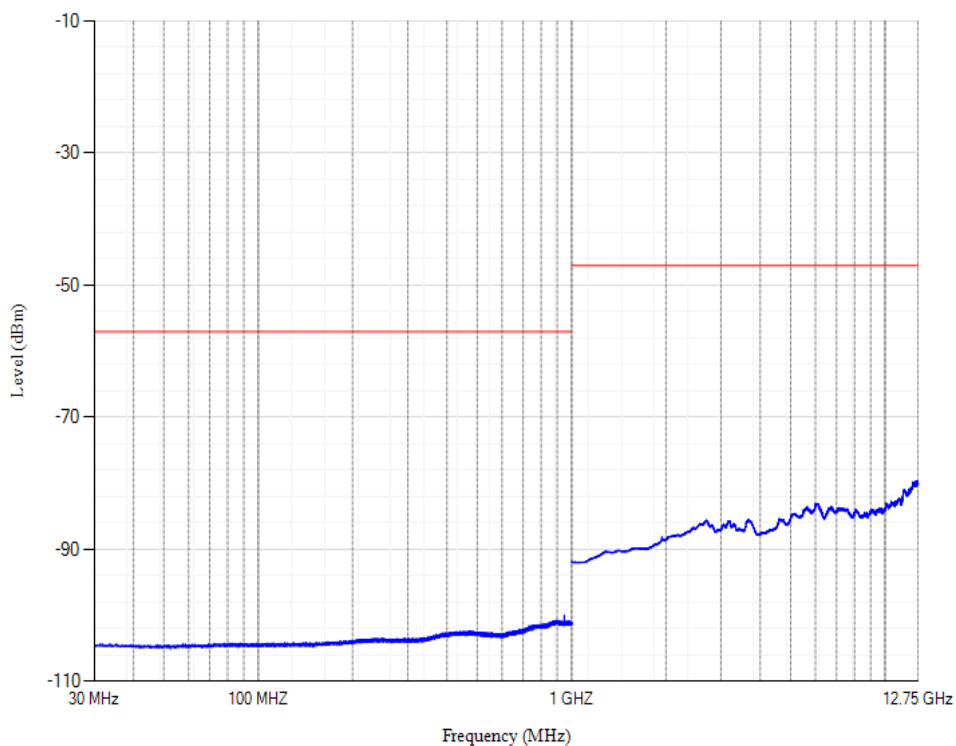
Band7 QPSK BW=20MHz Channel=21100.png

## Conducted spurious emissions



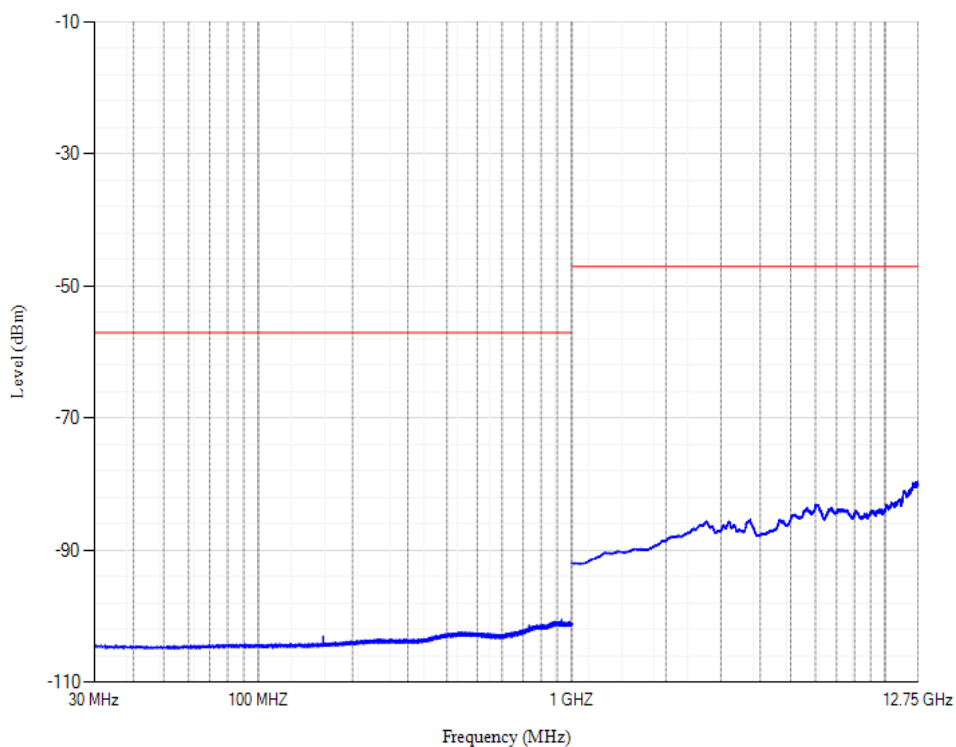
Band7 QPSK BW=20MHz Channel=21350.png

## Conducted spurious emissions



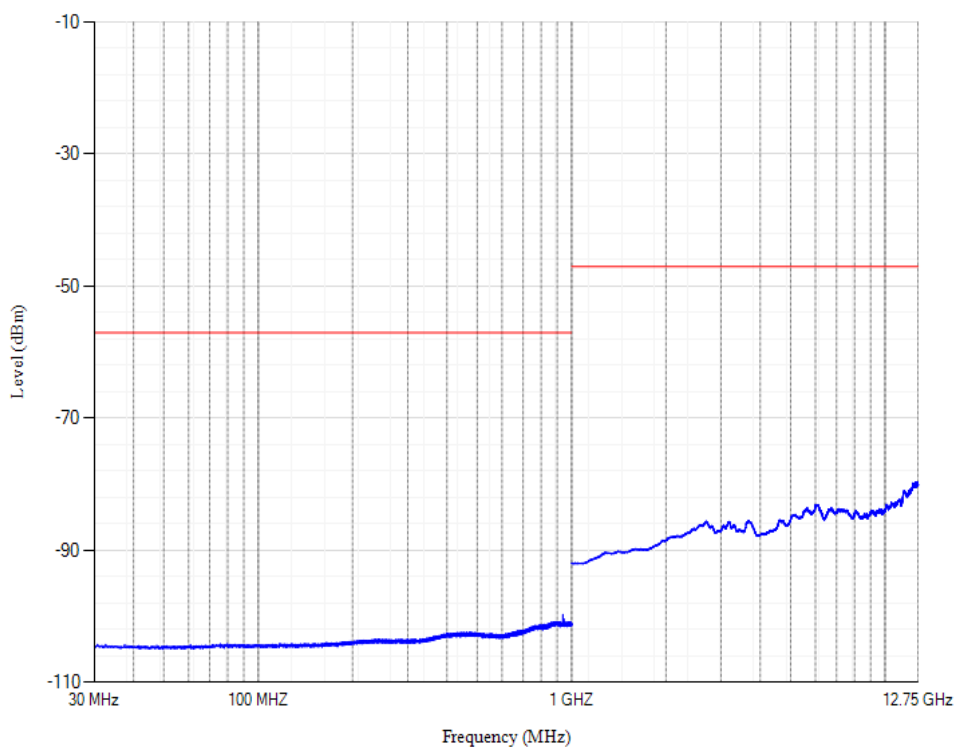
Band8 QPSK BW=10MHz Channel=21500.png

## Conducted spurious emissions



Band8 QPSK BW=10MHz Channel=21625.png

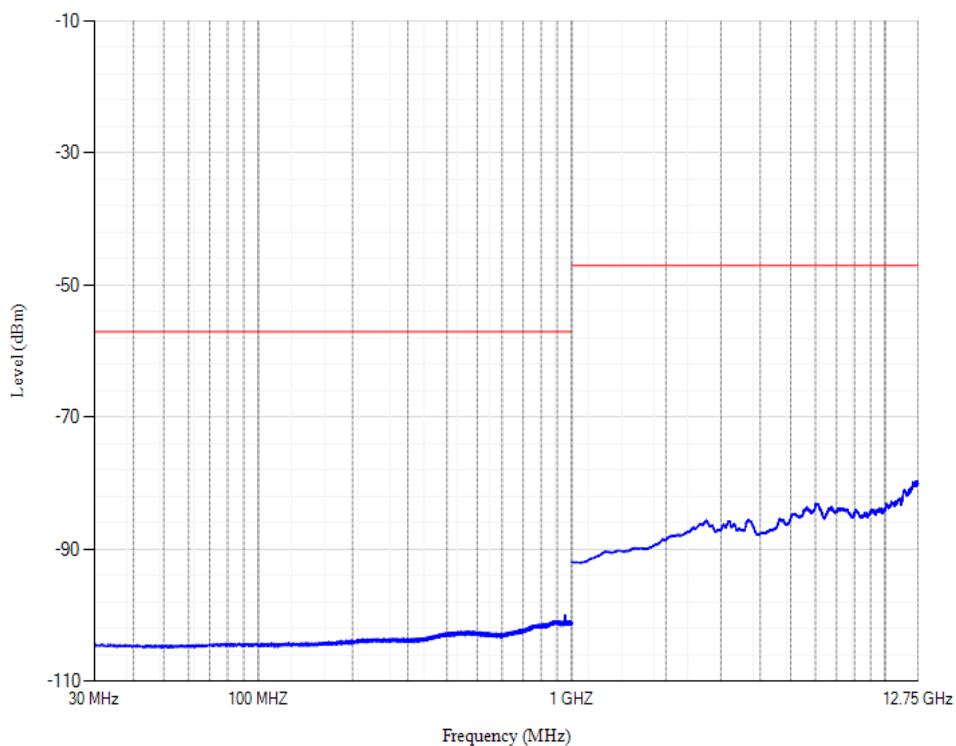
## Conducted spurious emissions





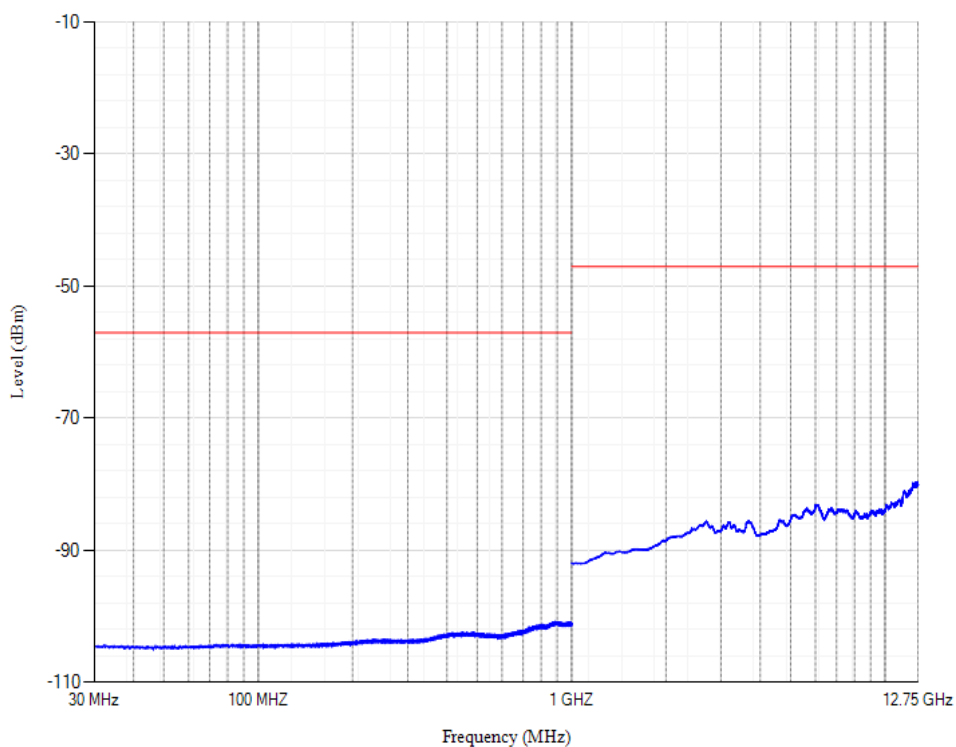
Band8 QPSK BW=10MHz Channel=21750.png

## Conducted spurious emissions



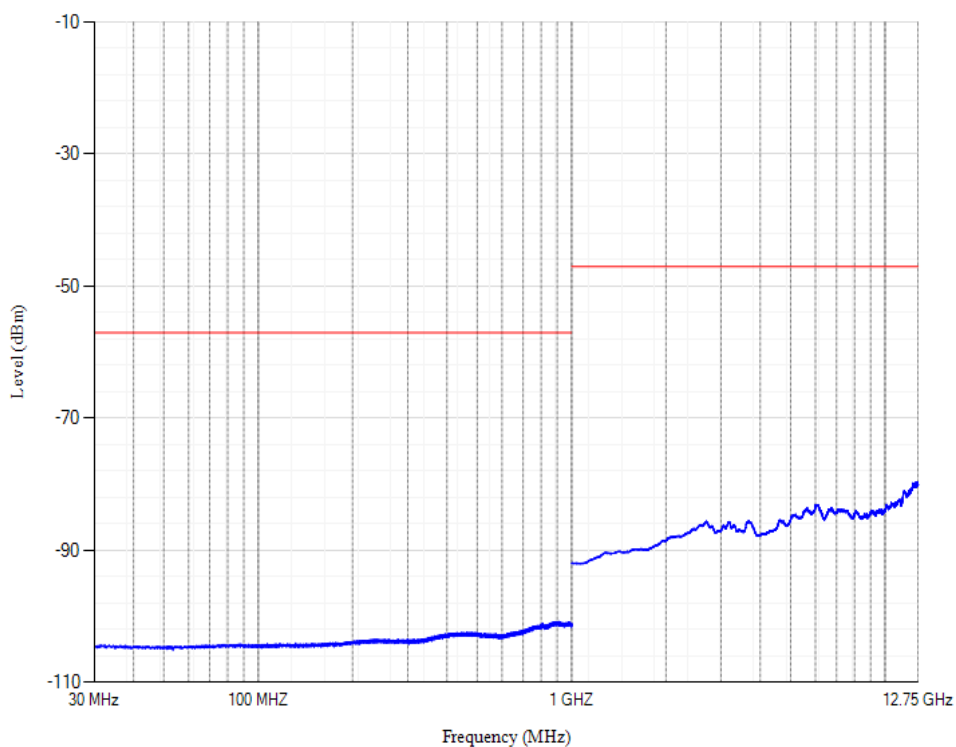
Band20 QPSK BW=20MHz Channel=24250.png

## Conducted spurious emissions



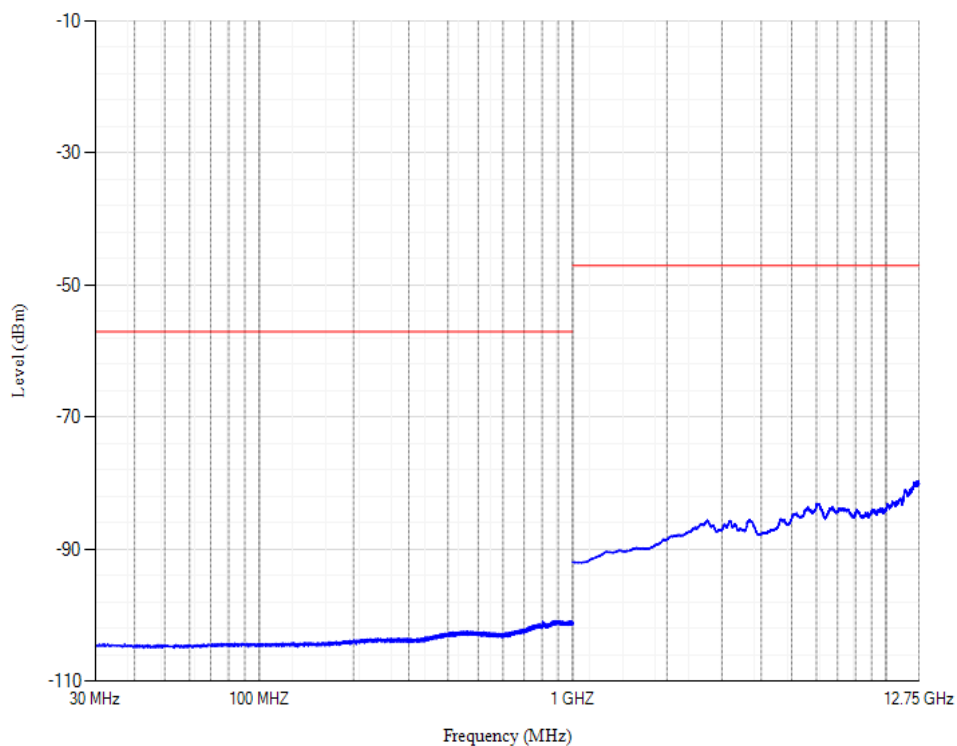
Band20 QPSK BW=20MHz Channel=24300.png

## Conducted spurious emissions



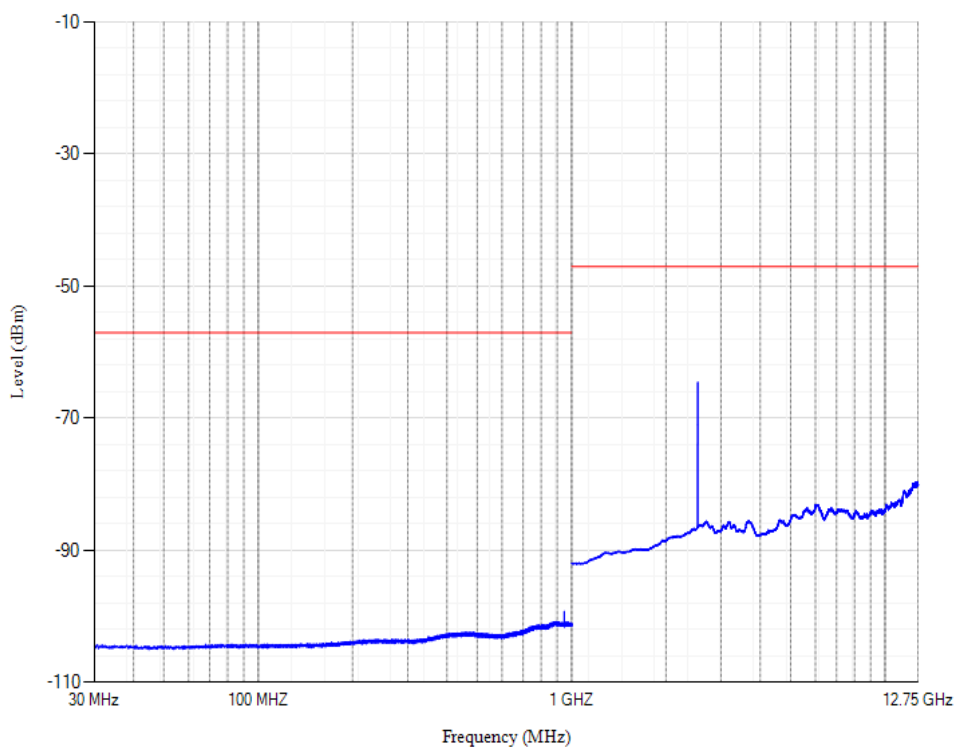
Band20 QPSK BW=20MHz Channel=24350.png

## Conducted spurious emissions

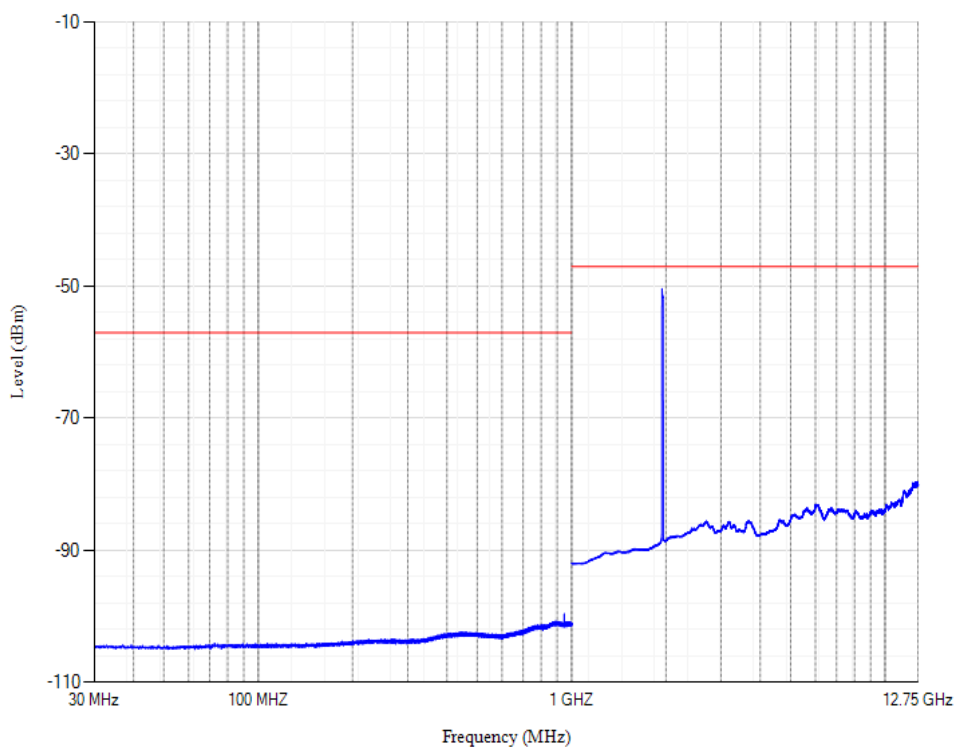


Band1 QPSK BW=20MHz Channel=18100.png

## Conducted spurious emissions

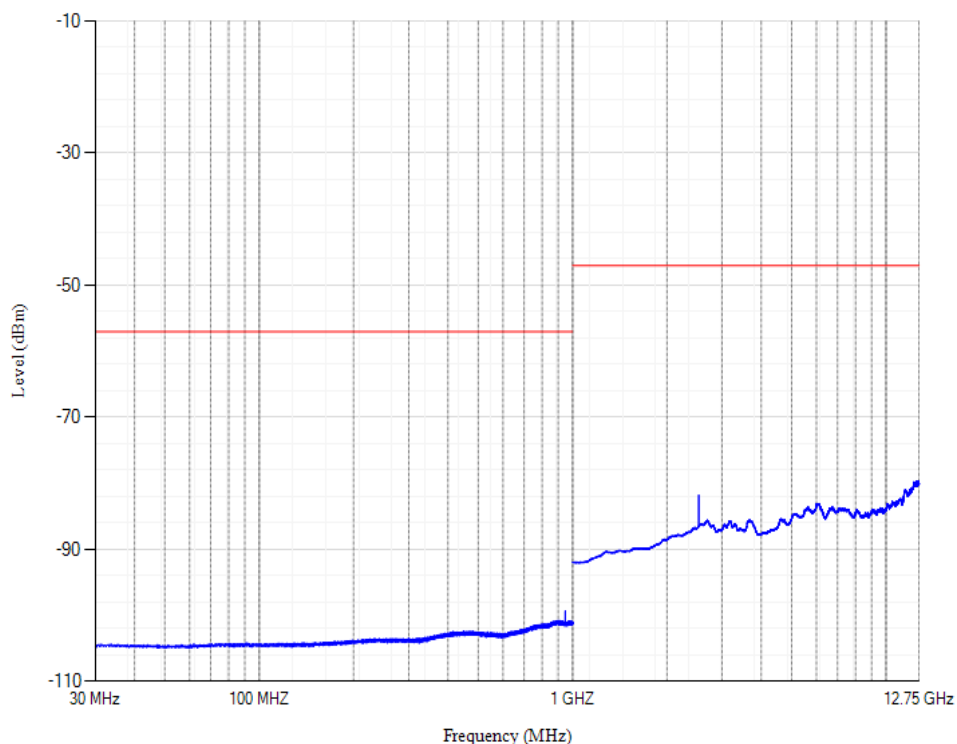


## Conducted spurious emissions



Band1 QPSK BW=20MHz Channel=18500.png

## Conducted spurious emissions



## Clause 4.2.11 LTE Transmitter adjacent channel leakage power ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Type	ACLR (dBc)	Limit (dBc)	Verdict
3	1.4	19457	5	#0	QPSK		40.24	32.2	PASS
3	1.4	19457	5	#0	QPSK		36.05	29.2	PASS
3	1.4	19457	5	#0	QPSK		0.00	0	PASS
3	1.4	19457	5	#0	QPSK		37.71	29.2	PASS
3	1.4	19457	5	#0	QPSK		42.74	32.2	PASS
3	1.4	19457	5	#Max	QPSK		42.48	32.2	PASS
3	1.4	19457	5	#Max	QPSK		37.46	29.2	PASS
3	1.4	19457	5	#Max	QPSK		0.00	0	PASS
3	1.4	19457	5	#Max	QPSK		36.04	29.2	PASS
3	1.4	19457	5	#Max	QPSK		40.34	32.2	PASS
3	1.4	19457	6	#0	QPSK		41.02	32.2	PASS
3	1.4	19457	6	#0	QPSK		38.61	29.2	PASS
3	1.4	19457	6	#0	QPSK		0.00	0	PASS
3	1.4	19457	6	#0	QPSK		39.22	29.2	PASS
3	1.4	19457	6	#0	QPSK		41.48	32.2	PASS
3	1.4	19457	5	#0	QAM16		42.01	32.2	PASS
3	1.4	19457	5	#0	QAM16		37.41	29.2	PASS
3	1.4	19457	5	#0	QAM16		0.00	0	PASS
3	1.4	19457	5	#0	QAM16		39.19	29.2	PASS

3	1.4	19457	5	#0	QAM16		43.88	32.2	PASS
3	1.4	19457	5	#Max	QAM16		44.09	32.2	PASS
3	1.4	19457	5	#Max	QAM16		39.25	29.2	PASS
3	1.4	19457	5	#Max	QAM16		0.00	0	PASS
3	1.4	19457	5	#Max	QAM16		37.77	29.2	PASS
3	1.4	19457	5	#Max	QAM16		41.64	32.2	PASS
3	1.4	19457	6	#0	QAM16		41.78	32.2	PASS
3	1.4	19457	6	#0	QAM16		38.81	29.2	PASS
3	1.4	19457	6	#0	QAM16		0.00	0	PASS
3	1.4	19457	6	#0	QAM16		38.63	29.2	PASS
3	1.4	19457	6	#0	QAM16		41.71	32.2	PASS
3	1.4	19675	5	#0	QPSK		38.78	32.2	PASS
3	1.4	19675	5	#0	QPSK		34.03	29.2	PASS
3	1.4	19675	5	#0	QPSK		0.00	0	PASS
3	1.4	19675	5	#0	QPSK		36.13	29.2	PASS
3	1.4	19675	5	#0	QPSK		41.74	32.2	PASS
3	1.4	19675	5	#Max	QPSK		41.54	32.2	PASS
3	1.4	19675	5	#Max	QPSK		36.15	29.2	PASS
3	1.4	19675	5	#Max	QPSK		0.00	0	PASS
3	1.4	19675	5	#Max	QPSK		34.66	29.2	PASS
3	1.4	19675	5	#Max	QPSK		39.41	32.2	PASS
3	1.4	19675	6	#0	QPSK		39.13	32.2	PASS
3	1.4	19675	6	#0	QPSK		36.94	29.2	PASS
3	1.4	19675	6	#0	QPSK		0.00	0	PASS
3	1.4	19675	6	#0	QPSK		37.16	29.2	PASS
3	1.4	19675	6	#0	QPSK		39.39	32.2	PASS
3	1.4	19675	5	#0	QAM16		40.34	32.2	PASS
3	1.4	19675	5	#0	QAM16		35.76	29.2	PASS
3	1.4	19675	5	#0	QAM16		0.00	0	PASS
3	1.4	19675	5	#0	QAM16		37.43	29.2	PASS
3	1.4	19675	5	#0	QAM16		42.65	32.2	PASS
3	1.4	19675	5	#Max	QAM16		42.70	32.2	PASS
3	1.4	19675	5	#Max	QAM16		37.79	29.2	PASS
3	1.4	19675	5	#Max	QAM16		0.00	0	PASS
3	1.4	19675	5	#Max	QAM16		35.77	29.2	PASS
3	1.4	19675	5	#Max	QAM16		40.29	32.2	PASS
3	1.4	19675	6	#0	QAM16		41.18	32.2	PASS
3	1.4	19675	6	#0	QAM16		37.99	29.2	PASS
3	1.4	19675	6	#0	QAM16		0.00	0	PASS
3	1.4	19675	6	#0	QAM16		37.82	29.2	PASS
3	1.4	19675	6	#0	QAM16		41.08	32.2	PASS
3	1.4	19893	5	#0	QPSK		39.66	32.2	PASS

3	1.4	19893	5	#0	QPSK		36.19	29.2	PASS
3	1.4	19893	5	#0	QPSK		0.00	0	PASS
3	1.4	19893	5	#0	QPSK		37.60	29.2	PASS
3	1.4	19893	5	#0	QPSK		42.58	32.2	PASS
3	1.4	19893	5	#Max	QPSK		41.79	32.2	PASS
3	1.4	19893	5	#Max	QPSK		36.95	29.2	PASS
3	1.4	19893	5	#Max	QPSK		0.00	0	PASS
3	1.4	19893	5	#Max	QPSK		36.22	29.2	PASS
3	1.4	19893	5	#Max	QPSK		40.08	32.2	PASS
3	1.4	19893	6	#0	QPSK		40.53	32.2	PASS
3	1.4	19893	6	#0	QPSK		38.46	29.2	PASS
3	1.4	19893	6	#0	QPSK		0.00	0	PASS
3	1.4	19893	6	#0	QPSK		38.92	29.2	PASS
3	1.4	19893	6	#0	QPSK		40.96	32.2	PASS
3	1.4	19893	5	#0	QAM16		42.00	32.2	PASS
3	1.4	19893	5	#0	QAM16		38.11	29.2	PASS
3	1.4	19893	5	#0	QAM16		0.00	0	PASS
3	1.4	19893	5	#0	QAM16		39.71	29.2	PASS
3	1.4	19893	5	#0	QAM16		44.26	32.2	PASS
3	1.4	19893	5	#Max	QAM16		44.03	32.2	PASS
3	1.4	19893	5	#Max	QAM16		39.36	29.2	PASS
3	1.4	19893	5	#Max	QAM16		0.00	0	PASS
3	1.4	19893	5	#Max	QAM16		37.96	29.2	PASS
3	1.4	19893	5	#Max	QAM16		42.09	32.2	PASS
3	1.4	19893	6	#0	QAM16		42.00	32.2	PASS
3	1.4	19893	6	#0	QAM16		38.73	29.2	PASS
3	1.4	19893	6	#0	QAM16		0.00	0	PASS
3	1.4	19893	6	#0	QAM16		39.28	29.2	PASS
3	1.4	19893	6	#0	QAM16		42.21	32.2	PASS
3	5	19475	8	#0	QPSK		53.66	35.2	PASS
3	5	19475	8	#0	QPSK		39.93	32.2	PASS
3	5	19475	8	#0	QPSK		37.95	29.2	PASS
3	5	19475	8	#0	QPSK		0.00	0	PASS
3	5	19475	8	#0	QPSK		47.64	29.2	PASS
3	5	19475	8	#0	QPSK		48.05	32.2	PASS
3	5	19475	8	#0	QPSK		54.10	35.2	PASS
3	5	19475	8	#Max	QPSK		53.63	35.2	PASS
3	5	19475	8	#Max	QPSK		47.91	32.2	PASS
3	5	19475	8	#Max	QPSK		47.52	29.2	PASS
3	5	19475	8	#Max	QPSK		0.00	0	PASS
3	5	19475	8	#Max	QPSK		37.92	29.2	PASS
3	5	19475	8	#Max	QPSK		39.78	32.2	PASS

3	5	19475	8	#Max	QPSK		53.90	35.2	PASS
3	5	19475	25	#0	QPSK		48.64	35.2	PASS
3	5	19475	25	#0	QPSK		38.46	32.2	PASS
3	5	19475	25	#0	QPSK		37.70	29.2	PASS
3	5	19475	25	#0	QPSK		0.00	0	PASS
3	5	19475	25	#0	QPSK		38.47	29.2	PASS
3	5	19475	25	#0	QPSK		39.18	32.2	PASS
3	5	19475	25	#0	QPSK		48.83	35.2	PASS
3	5	19475	8	#0	QAM16		52.76	35.2	PASS
3	5	19475	8	#0	QAM16		40.66	32.2	PASS
3	5	19475	8	#0	QAM16		38.39	29.2	PASS
3	5	19475	8	#0	QAM16		0.00	0	PASS
3	5	19475	8	#0	QAM16		47.67	29.2	PASS
3	5	19475	8	#0	QAM16		48.08	32.2	PASS
3	5	19475	8	#0	QAM16		53.11	35.2	PASS
3	5	19475	8	#Max	QAM16		52.59	35.2	PASS
3	5	19475	8	#Max	QAM16		47.74	32.2	PASS
3	5	19475	8	#Max	QAM16		47.35	29.2	PASS
3	5	19475	8	#Max	QAM16		0.00	0	PASS
3	5	19475	8	#Max	QAM16		38.69	29.2	PASS
3	5	19475	8	#Max	QAM16		40.81	32.2	PASS
3	5	19475	8	#Max	QAM16		52.87	35.2	PASS
3	5	19475	25	#0	QAM16		48.94	35.2	PASS
3	5	19475	25	#0	QAM16		38.12	32.2	PASS
3	5	19475	25	#0	QAM16		37.39	29.2	PASS
3	5	19475	25	#0	QAM16		0.00	0	PASS
3	5	19475	25	#0	QAM16		37.90	29.2	PASS
3	5	19475	25	#0	QAM16		38.66	32.2	PASS
3	5	19475	25	#0	QAM16		49.12	35.2	PASS
3	5	19675	8	#0	QPSK		53.17	35.2	PASS
3	5	19675	8	#0	QPSK		37.10	32.2	PASS
3	5	19675	8	#0	QPSK		35.18	29.2	PASS
3	5	19675	8	#0	QPSK		0.00	0	PASS
3	5	19675	8	#0	QPSK		47.41	29.2	PASS
3	5	19675	8	#0	QPSK		47.81	32.2	PASS
3	5	19675	8	#0	QPSK		53.66	35.2	PASS
3	5	19675	8	#Max	QPSK		53.34	35.2	PASS
3	5	19675	8	#Max	QPSK		47.61	32.2	PASS
3	5	19675	8	#Max	QPSK		47.18	29.2	PASS
3	5	19675	8	#Max	QPSK		0.00	0	PASS
3	5	19675	8	#Max	QPSK		35.38	29.2	PASS
3	5	19675	8	#Max	QPSK		37.37	32.2	PASS



3	5	19675	8	#Max	QPSK		53.44	35.2	PASS
3	5	19675	25	#0	QPSK		47.83	35.2	PASS
3	5	19675	25	#0	QPSK		37.73	32.2	PASS
3	5	19675	25	#0	QPSK		37.12	29.2	PASS
3	5	19675	25	#0	QPSK		0.00	0	PASS
3	5	19675	25	#0	QPSK		37.81	29.2	PASS
3	5	19675	25	#0	QPSK		38.46	32.2	PASS
3	5	19675	25	#0	QPSK		48.58	35.2	PASS
3	5	19675	8	#0	QAM16		52.19	35.2	PASS
3	5	19675	8	#0	QAM16		38.12	32.2	PASS
3	5	19675	8	#0	QAM16		36.14	29.2	PASS
3	5	19675	8	#0	QAM16		0.00	0	PASS
3	5	19675	8	#0	QAM16		47.35	29.2	PASS
3	5	19675	8	#0	QAM16		47.75	32.2	PASS
3	5	19675	8	#0	QAM16		52.61	35.2	PASS
3	5	19675	8	#Max	QAM16		52.35	35.2	PASS
3	5	19675	8	#Max	QAM16		47.57	32.2	PASS
3	5	19675	8	#Max	QAM16		47.16	29.2	PASS
3	5	19675	8	#Max	QAM16		0.00	0	PASS
3	5	19675	8	#Max	QAM16		36.46	29.2	PASS
3	5	19675	8	#Max	QAM16		38.62	32.2	PASS
3	5	19675	8	#Max	QAM16		52.52	35.2	PASS
3	5	19675	25	#0	QAM16		48.10	35.2	PASS
3	5	19675	25	#0	QAM16		37.13	32.2	PASS
3	5	19675	25	#0	QAM16		36.41	29.2	PASS
3	5	19675	25	#0	QAM16		0.00	0	PASS
3	5	19675	25	#0	QAM16		37.02	29.2	PASS
3	5	19675	25	#0	QAM16		37.76	32.2	PASS
3	5	19675	25	#0	QAM16		48.69	35.2	PASS
3	5	19875	8	#0	QPSK		53.51	35.2	PASS
3	5	19875	8	#0	QPSK		38.85	32.2	PASS
3	5	19875	8	#0	QPSK		37.25	29.2	PASS
3	5	19875	8	#0	QPSK		0.00	0	PASS
3	5	19875	8	#0	QPSK		47.01	29.2	PASS
3	5	19875	8	#0	QPSK		47.39	32.2	PASS
3	5	19875	8	#0	QPSK		54.02	35.2	PASS
3	5	19875	8	#Max	QPSK		53.75	35.2	PASS
3	5	19875	8	#Max	QPSK		46.64	32.2	PASS
3	5	19875	8	#Max	QPSK		46.30	29.2	PASS
3	5	19875	8	#Max	QPSK		0.00	0	PASS
3	5	19875	8	#Max	QPSK		36.58	29.2	PASS
3	5	19875	8	#Max	QPSK		38.35	32.2	PASS

3	5	19875	8	#Max	QPSK		53.91	35.2	PASS
3	5	19875	25	#0	QPSK		48.79	35.2	PASS
3	5	19875	25	#0	QPSK		38.67	32.2	PASS
3	5	19875	25	#0	QPSK		37.97	29.2	PASS
3	5	19875	25	#0	QPSK		0.00	0	PASS
3	5	19875	25	#0	QPSK		38.95	29.2	PASS
3	5	19875	25	#0	QPSK		39.64	32.2	PASS
3	5	19875	25	#0	QPSK		49.76	35.2	PASS
3	5	19875	8	#0	QAM16		52.64	35.2	PASS
3	5	19875	8	#0	QAM16		40.48	32.2	PASS
3	5	19875	8	#0	QAM16		38.39	29.2	PASS
3	5	19875	8	#0	QAM16		0.00	0	PASS
3	5	19875	8	#0	QAM16		47.13	29.2	PASS
3	5	19875	8	#0	QAM16		47.50	32.2	PASS
3	5	19875	8	#0	QAM16		52.97	35.2	PASS
3	5	19875	8	#Max	QAM16		52.71	35.2	PASS
3	5	19875	8	#Max	QAM16		47.02	32.2	PASS
3	5	19875	8	#Max	QAM16		46.65	29.2	PASS
3	5	19875	8	#Max	QAM16		0.00	0	PASS
3	5	19875	8	#Max	QAM16		38.45	29.2	PASS
3	5	19875	8	#Max	QAM16		40.52	32.2	PASS
3	5	19875	8	#Max	QAM16		52.94	35.2	PASS
3	5	19875	25	#0	QAM16		48.57	35.2	PASS
3	5	19875	25	#0	QAM16		37.95	32.2	PASS
3	5	19875	25	#0	QAM16		37.18	29.2	PASS
3	5	19875	25	#0	QAM16		0.00	0	PASS
3	5	19875	25	#0	QAM16		37.88	29.2	PASS
3	5	19875	25	#0	QAM16		38.71	32.2	PASS
3	5	19875	25	#0	QAM16		49.44	35.2	PASS
3	10	19500	12	#0	QPSK		53.21	35.2	PASS
3	10	19500	12	#0	QPSK		39.11	32.2	PASS
3	10	19500	12	#0	QPSK		38.63	29.2	PASS
3	10	19500	12	#0	QPSK		0.00	0	PASS
3	10	19500	12	#0	QPSK		46.56	29.2	PASS
3	10	19500	12	#0	QPSK		51.10	32.2	PASS
3	10	19500	12	#0	QPSK		50.32	35.2	PASS
3	10	19500	12	#Max	QPSK		50.27	35.2	PASS
3	10	19500	12	#Max	QPSK		50.71	32.2	PASS
3	10	19500	12	#Max	QPSK		46.38	29.2	PASS
3	10	19500	12	#Max	QPSK		0.00	0	PASS
3	10	19500	12	#Max	QPSK		38.44	29.2	PASS
3	10	19500	12	#Max	QPSK		38.93	32.2	PASS

3	10	19500	12	#Max	QPSK		53.55	35.2	PASS
3	10	19500	50	#0	QPSK		42.75	35.2	PASS
3	10	19500	50	#0	QPSK		40.58	32.2	PASS
3	10	19500	50	#0	QPSK		37.82	29.2	PASS
3	10	19500	50	#0	QPSK		0.00	0	PASS
3	10	19500	50	#0	QPSK		38.76	29.2	PASS
3	10	19500	50	#0	QPSK		41.69	32.2	PASS
3	10	19500	50	#0	QPSK		43.37	35.2	PASS
3	10	19500	12	#0	QAM16		52.29	35.2	PASS
3	10	19500	12	#0	QAM16		39.80	32.2	PASS
3	10	19500	12	#0	QAM16		39.15	29.2	PASS
3	10	19500	12	#0	QAM16		0.00	0	PASS
3	10	19500	12	#0	QAM16		46.30	29.2	PASS
3	10	19500	12	#0	QAM16		50.65	32.2	PASS
3	10	19500	12	#0	QAM16		50.27	35.2	PASS
3	10	19500	12	#Max	QAM16		49.81	35.2	PASS
3	10	19500	12	#Max	QAM16		50.49	32.2	PASS
3	10	19500	12	#Max	QAM16		46.05	29.2	PASS
3	10	19500	12	#Max	QAM16		0.00	0	PASS
3	10	19500	12	#Max	QAM16		39.11	29.2	PASS
3	10	19500	12	#Max	QAM16		39.81	32.2	PASS
3	10	19500	12	#Max	QAM16		52.66	35.2	PASS
3	10	19500	50	#0	QAM16		42.96	35.2	PASS
3	10	19500	50	#0	QAM16		39.33	32.2	PASS
3	10	19500	50	#0	QAM16		36.98	29.2	PASS
3	10	19500	50	#0	QAM16		0.00	0	PASS
3	10	19500	50	#0	QAM16		37.72	29.2	PASS
3	10	19500	50	#0	QAM16		40.03	32.2	PASS
3	10	19500	50	#0	QAM16		43.64	35.2	PASS
3	10	19675	12	#0	QPSK		52.64	35.2	PASS
3	10	19675	12	#0	QPSK		37.10	32.2	PASS
3	10	19675	12	#0	QPSK		36.62	29.2	PASS
3	10	19675	12	#0	QPSK		0.00	0	PASS
3	10	19675	12	#0	QPSK		46.11	29.2	PASS
3	10	19675	12	#0	QPSK		50.71	32.2	PASS
3	10	19675	12	#0	QPSK		49.86	35.2	PASS
3	10	19675	12	#Max	QPSK		49.61	35.2	PASS
3	10	19675	12	#Max	QPSK		50.26	32.2	PASS
3	10	19675	12	#Max	QPSK		45.77	29.2	PASS
3	10	19675	12	#Max	QPSK		0.00	0	PASS
3	10	19675	12	#Max	QPSK		37.02	29.2	PASS
3	10	19675	12	#Max	QPSK		37.44	32.2	PASS

3	10	19675	12	#Max	QPSK		53.17	35.2	PASS
3	10	19675	50	#0	QPSK		40.82	35.2	PASS
3	10	19675	50	#0	QPSK		40.45	32.2	PASS
3	10	19675	50	#0	QPSK		36.94	29.2	PASS
3	10	19675	50	#0	QPSK		0.00	0	PASS
3	10	19675	50	#0	QPSK		38.26	29.2	PASS
3	10	19675	50	#0	QPSK		41.64	32.2	PASS
3	10	19675	50	#0	QPSK		42.22	35.2	PASS
3	10	19675	12	#0	QAM16		51.72	35.2	PASS
3	10	19675	12	#0	QAM16		38.12	32.2	PASS
3	10	19675	12	#0	QAM16		37.55	29.2	PASS
3	10	19675	12	#0	QAM16		0.00	0	PASS
3	10	19675	12	#0	QAM16		45.96	29.2	PASS
3	10	19675	12	#0	QAM16		50.35	32.2	PASS
3	10	19675	12	#0	QAM16		49.82	35.2	PASS
3	10	19675	12	#Max	QAM16		49.42	35.2	PASS
3	10	19675	12	#Max	QAM16		50.06	32.2	PASS
3	10	19675	12	#Max	QAM16		45.63	29.2	PASS
3	10	19675	12	#Max	QAM16		0.00	0	PASS
3	10	19675	12	#Max	QAM16		38.08	29.2	PASS
3	10	19675	12	#Max	QAM16		38.64	32.2	PASS
3	10	19675	12	#Max	QAM16		52.37	35.2	PASS
3	10	19675	50	#0	QAM16		41.41	35.2	PASS
3	10	19675	50	#0	QAM16		38.32	32.2	PASS
3	10	19675	50	#0	QAM16		35.84	29.2	PASS
3	10	19675	50	#0	QAM16		0.00	0	PASS
3	10	19675	50	#0	QAM16		37.06	29.2	PASS
3	10	19675	50	#0	QAM16		39.43	32.2	PASS
3	10	19675	50	#0	QAM16		42.68	35.2	PASS
3	10	19850	12	#0	QPSK		52.89	35.2	PASS
3	10	19850	12	#0	QPSK		39.25	32.2	PASS
3	10	19850	12	#0	QPSK		38.76	29.2	PASS
3	10	19850	12	#0	QPSK		0.00	0	PASS
3	10	19850	12	#0	QPSK		46.08	29.2	PASS
3	10	19850	12	#0	QPSK		50.56	32.2	PASS
3	10	19850	12	#0	QPSK		50.13	35.2	PASS
3	10	19850	12	#Max	QPSK		49.54	35.2	PASS
3	10	19850	12	#Max	QPSK		50.49	32.2	PASS
3	10	19850	12	#Max	QPSK		45.74	29.2	PASS
3	10	19850	12	#Max	QPSK		0.00	0	PASS
3	10	19850	12	#Max	QPSK		38.29	29.2	PASS
3	10	19850	12	#Max	QPSK		38.75	32.2	PASS

3	10	19850	12	#Max	QPSK		53.60	35.2	PASS
3	10	19850	50	#0	QPSK		41.85	35.2	PASS
3	10	19850	50	#0	QPSK		40.56	32.2	PASS
3	10	19850	50	#0	QPSK		37.43	29.2	PASS
3	10	19850	50	#0	QPSK		0.00	0	PASS
3	10	19850	50	#0	QPSK		39.51	29.2	PASS
3	10	19850	50	#0	QPSK		42.11	32.2	PASS
3	10	19850	50	#0	QPSK		44.74	35.2	PASS
3	10	19850	12	#0	QAM16		52.17	35.2	PASS
3	10	19850	12	#0	QAM16		39.81	32.2	PASS
3	10	19850	12	#0	QAM16		39.13	29.2	PASS
3	10	19850	12	#0	QAM16		0.00	0	PASS
3	10	19850	12	#0	QAM16		45.97	29.2	PASS
3	10	19850	12	#0	QAM16		50.43	32.2	PASS
3	10	19850	12	#0	QAM16		49.95	35.2	PASS
3	10	19850	12	#Max	QAM16		49.50	35.2	PASS
3	10	19850	12	#Max	QAM16		50.18	32.2	PASS
3	10	19850	12	#Max	QAM16		45.65	29.2	PASS
3	10	19850	12	#Max	QAM16		0.00	0	PASS
3	10	19850	12	#Max	QAM16		39.18	29.2	PASS
3	10	19850	12	#Max	QAM16		39.83	32.2	PASS
3	10	19850	12	#Max	QAM16		52.79	35.2	PASS
3	10	19850	50	#0	QAM16		42.47	35.2	PASS
3	10	19850	50	#0	QAM16		39.54	32.2	PASS
3	10	19850	50	#0	QAM16		36.92	29.2	PASS
3	10	19850	50	#0	QAM16		0.00	0	PASS
3	10	19850	50	#0	QAM16		38.57	29.2	PASS
3	10	19850	50	#0	QAM16		40.69	32.2	PASS
3	10	19850	50	#0	QAM16		44.85	35.2	PASS
3	20	19550	18	#0	QPSK		51.81	35.2	PASS
3	20	19550	18	#0	QPSK		39.89	32.2	PASS
3	20	19550	18	#0	QPSK		39.94	29.2	PASS
3	20	19550	18	#0	QPSK		0.00	0	PASS
3	20	19550	18	#0	QPSK		44.68	29.2	PASS
3	20	19550	18	#0	QPSK		53.36	32.2	PASS
3	20	19550	18	#0	QPSK		52.53	35.2	PASS
3	20	19550	18	#Max	QPSK		51.39	35.2	PASS
3	20	19550	18	#Max	QPSK		52.27	32.2	PASS
3	20	19550	18	#Max	QPSK		44.52	29.2	PASS
3	20	19550	18	#Max	QPSK		0.00	0	PASS
3	20	19550	18	#Max	QPSK		38.94	29.2	PASS
3	20	19550	18	#Max	QPSK		38.72	32.2	PASS

3	20	19550	18	#Max	QPSK		52.09	35.2	PASS
3	20	19550	100	#0	QPSK		43.80	35.2	PASS
3	20	19550	100	#0	QPSK		41.98	32.2	PASS
3	20	19550	100	#0	QPSK		36.90	29.2	PASS
3	20	19550	100	#0	QPSK		0.00	0	PASS
3	20	19550	100	#0	QPSK		38.42	29.2	PASS
3	20	19550	100	#0	QPSK		43.66	32.2	PASS
3	20	19550	100	#0	QPSK		45.48	35.2	PASS
3	20	19550	18	#0	QAM16		50.99	35.2	PASS
3	20	19550	18	#0	QAM16		39.79	32.2	PASS
3	20	19550	18	#0	QAM16		39.87	29.2	PASS
3	20	19550	18	#0	QAM16		0.00	0	PASS
3	20	19550	18	#0	QAM16		44.23	29.2	PASS
3	20	19550	18	#0	QAM16		52.40	32.2	PASS
3	20	19550	18	#0	QAM16		51.97	35.2	PASS
3	20	19550	18	#Max	QAM16		50.56	35.2	PASS
3	20	19550	18	#Max	QAM16		51.25	32.2	PASS
3	20	19550	18	#Max	QAM16		43.90	29.2	PASS
3	20	19550	18	#Max	QAM16		0.00	0	PASS
3	20	19550	18	#Max	QAM16		39.23	29.2	PASS
3	20	19550	18	#Max	QAM16		39.08	32.2	PASS
3	20	19550	18	#Max	QAM16		51.37	35.2	PASS
3	20	19550	100	#0	QAM16		42.59	35.2	PASS
3	20	19550	100	#0	QAM16		40.76	32.2	PASS
3	20	19550	100	#0	QAM16		36.25	29.2	PASS
3	20	19550	100	#0	QAM16		0.00	0	PASS
3	20	19550	100	#0	QAM16		37.62	29.2	PASS
3	20	19550	100	#0	QAM16		42.41	32.2	PASS
3	20	19550	100	#0	QAM16		44.06	35.2	PASS
3	20	19675	18	#0	QPSK		51.32	35.2	PASS
3	20	19675	18	#0	QPSK		38.52	32.2	PASS
3	20	19675	18	#0	QPSK		38.73	29.2	PASS
3	20	19675	18	#0	QPSK		0.00	0	PASS
3	20	19675	18	#0	QPSK		44.55	29.2	PASS
3	20	19675	18	#0	QPSK		53.05	32.2	PASS
3	20	19675	18	#0	QPSK		52.14	35.2	PASS
3	20	19675	18	#Max	QPSK		51.53	35.2	PASS
3	20	19675	18	#Max	QPSK		52.43	32.2	PASS
3	20	19675	18	#Max	QPSK		44.43	29.2	PASS
3	20	19675	18	#Max	QPSK		0.00	0	PASS
3	20	19675	18	#Max	QPSK		39.11	29.2	PASS
3	20	19675	18	#Max	QPSK		38.92	32.2	PASS

3	20	19675	18	#Max	QPSK		51.92	35.2	PASS
3	20	19675	100	#0	QPSK		43.29	35.2	PASS
3	20	19675	100	#0	QPSK		42.03	32.2	PASS
3	20	19675	100	#0	QPSK		35.98	29.2	PASS
3	20	19675	100	#0	QPSK		0.00	0	PASS
3	20	19675	100	#0	QPSK		38.28	29.2	PASS
3	20	19675	100	#0	QPSK		44.03	32.2	PASS
3	20	19675	100	#0	QPSK		44.89	35.2	PASS
3	20	19675	18	#0	QAM16		50.59	35.2	PASS
3	20	19675	18	#0	QAM16		39.03	32.2	PASS
3	20	19675	18	#0	QAM16		39.16	29.2	PASS
3	20	19675	18	#0	QAM16		0.00	0	PASS
3	20	19675	18	#0	QAM16		44.20	29.2	PASS
3	20	19675	18	#0	QAM16		52.02	32.2	PASS
3	20	19675	18	#0	QAM16		51.58	35.2	PASS
3	20	19675	18	#Max	QAM16		50.87	35.2	PASS
3	20	19675	18	#Max	QAM16		51.51	32.2	PASS
3	20	19675	18	#Max	QAM16		43.99	29.2	PASS
3	20	19675	18	#Max	QAM16		0.00	0	PASS
3	20	19675	18	#Max	QAM16		39.77	29.2	PASS
3	20	19675	18	#Max	QAM16		39.54	32.2	PASS
3	20	19675	18	#Max	QAM16		51.41	35.2	PASS
3	20	19675	100	#0	QAM16		41.81	35.2	PASS
3	20	19675	100	#0	QAM16		40.80	32.2	PASS
3	20	19675	100	#0	QAM16		35.59	29.2	PASS
3	20	19675	100	#0	QAM16		0.00	0	PASS
3	20	19675	100	#0	QAM16		37.29	29.2	PASS
3	20	19675	100	#0	QAM16		42.18	32.2	PASS
3	20	19675	100	#0	QAM16		43.28	35.2	PASS
3	20	19800	18	#0	QPSK		51.11	35.2	PASS
3	20	19800	18	#0	QPSK		37.62	32.2	PASS
3	20	19800	18	#0	QPSK		37.88	29.2	PASS
3	20	19800	18	#0	QPSK		0.00	0	PASS
3	20	19800	18	#0	QPSK		46.35	29.2	PASS
3	20	19800	18	#0	QPSK		53.01	32.2	PASS
3	20	19800	18	#0	QPSK		52.61	35.2	PASS
3	20	19800	18	#Max	QPSK		51.75	35.2	PASS
3	20	19800	18	#Max	QPSK		52.78	32.2	PASS
3	20	19800	18	#Max	QPSK		44.76	29.2	PASS
3	20	19800	18	#Max	QPSK		0.00	0	PASS
3	20	19800	18	#Max	QPSK		40.02	29.2	PASS
3	20	19800	18	#Max	QPSK		39.90	32.2	PASS

3	20	19800	18	#Max	QPSK		52.39	35.2	PASS
3	20	19800	100	#0	QPSK		43.32	35.2	PASS
3	20	19800	100	#0	QPSK		41.78	32.2	PASS
3	20	19800	100	#0	QPSK		36.39	29.2	PASS
3	20	19800	100	#0	QPSK		0.00	0	PASS
3	20	19800	100	#0	QPSK		40.52	29.2	PASS
3	20	19800	100	#0	QPSK		43.75	32.2	PASS
3	20	19800	100	#0	QPSK		46.29	35.2	PASS
3	20	19800	18	#0	QAM16		50.44	35.2	PASS
3	20	19800	18	#0	QAM16		38.42	32.2	PASS
3	20	19800	18	#0	QAM16		38.65	29.2	PASS
3	20	19800	18	#0	QAM16		0.00	0	PASS
3	20	19800	18	#0	QAM16		45.53	29.2	PASS
3	20	19800	18	#0	QAM16		51.96	32.2	PASS
3	20	19800	18	#0	QAM16		51.89	35.2	PASS
3	20	19800	18	#Max	QAM16		51.04	35.2	PASS
3	20	19800	18	#Max	QAM16		51.74	32.2	PASS
3	20	19800	18	#Max	QAM16		44.24	29.2	PASS
3	20	19800	18	#Max	QAM16		0.00	0	PASS
3	20	19800	18	#Max	QAM16		40.74	29.2	PASS
3	20	19800	18	#Max	QAM16		40.62	32.2	PASS
3	20	19800	18	#Max	QAM16		51.79	35.2	PASS
3	20	19800	100	#0	QAM16		41.74	35.2	PASS
3	20	19800	100	#0	QAM16		40.15	32.2	PASS
3	20	19800	100	#0	QAM16		35.47	29.2	PASS
3	20	19800	100	#0	QAM16		0.00	0	PASS
3	20	19800	100	#0	QAM16		38.95	29.2	PASS
3	20	19800	100	#0	QAM16		42.09	32.2	PASS
3	20	19800	100	#0	QAM16		44.55	35.2	PASS
7	5	20775	8	#0	QPSK		52.87	35.2	PASS
7	5	20775	8	#0	QPSK		36.19	32.2	PASS
7	5	20775	8	#0	QPSK		32.94	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		44.39	29.2	PASS
7	5	20775	8	#0	QPSK		44.75	32.2	PASS
7	5	20775	8	#0	QPSK		54.09	35.2	PASS
7	5	20775	8	#Max	QPSK		53.93	35.2	PASS
7	5	20775	8	#Max	QPSK		47.22	32.2	PASS
7	5	20775	8	#Max	QPSK		46.75	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		30.66	29.2	PASS
7	5	20775	8	#Max	QPSK		33.96	32.2	PASS



7	5	20775	8	#Max	QPSK		53.03	35.2	PASS
7	5	20775	25	#0	QPSK		49.43	35.2	PASS
7	5	20775	25	#0	QPSK		34.71	32.2	PASS
7	5	20775	25	#0	QPSK		33.74	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		32.47	29.2	PASS
7	5	20775	25	#0	QPSK		33.33	32.2	PASS
7	5	20775	25	#0	QPSK		47.71	35.2	PASS
7	5	20775	8	#0	QAM16		52.40	35.2	PASS
7	5	20775	8	#0	QAM16		38.40	32.2	PASS
7	5	20775	8	#0	QAM16		34.99	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS
7	5	20775	8	#0	QAM16		44.56	29.2	PASS
7	5	20775	8	#0	QAM16		44.89	32.2	PASS
7	5	20775	8	#0	QAM16		53.10	35.2	PASS
7	5	20775	8	#Max	QAM16		52.87	35.2	PASS
7	5	20775	8	#Max	QAM16		47.14	32.2	PASS
7	5	20775	8	#Max	QAM16		46.73	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		33.46	29.2	PASS
7	5	20775	8	#Max	QAM16		36.71	32.2	PASS
7	5	20775	8	#Max	QAM16		52.63	35.2	PASS
7	5	20775	25	#0	QAM16		49.14	35.2	PASS
7	5	20775	25	#0	QAM16		37.47	32.2	PASS
7	5	20775	25	#0	QAM16		36.57	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		35.02	29.2	PASS
7	5	20775	25	#0	QAM16		35.85	32.2	PASS
7	5	20775	25	#0	QAM16		47.52	35.2	PASS
7	5	21100	8	#0	QPSK		52.59	35.2	PASS
7	5	21100	8	#0	QPSK		37.99	32.2	PASS
7	5	21100	8	#0	QPSK		34.78	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		44.52	29.2	PASS
7	5	21100	8	#0	QPSK		44.84	32.2	PASS
7	5	21100	8	#0	QPSK		54.03	35.2	PASS
7	5	21100	8	#Max	QPSK		53.61	35.2	PASS
7	5	21100	8	#Max	QPSK		46.20	32.2	PASS
7	5	21100	8	#Max	QPSK		45.77	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		32.96	29.2	PASS
7	5	21100	8	#Max	QPSK		36.13	32.2	PASS

7	5	21100	8	#Max	QPSK		53.14	35.2	PASS
7	5	21100	25	#0	QPSK		48.16	35.2	PASS
7	5	21100	25	#0	QPSK		36.76	32.2	PASS
7	5	21100	25	#0	QPSK		35.92	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		35.46	29.2	PASS
7	5	21100	25	#0	QPSK		36.26	32.2	PASS
7	5	21100	25	#0	QPSK		48.03	35.2	PASS
7	5	21100	8	#0	QAM16		52.08	35.2	PASS
7	5	21100	8	#0	QAM16		39.25	32.2	PASS
7	5	21100	8	#0	QAM16		36.44	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		44.67	29.2	PASS
7	5	21100	8	#0	QAM16		44.99	32.2	PASS
7	5	21100	8	#0	QAM16		53.03	35.2	PASS
7	5	21100	8	#Max	QAM16		52.65	35.2	PASS
7	5	21100	8	#Max	QAM16		46.39	32.2	PASS
7	5	21100	8	#Max	QAM16		46.00	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		34.51	29.2	PASS
7	5	21100	8	#Max	QAM16		37.46	32.2	PASS
7	5	21100	8	#Max	QAM16		52.46	35.2	PASS
7	5	21100	25	#0	QAM16		47.77	35.2	PASS
7	5	21100	25	#0	QAM16		38.11	32.2	PASS
7	5	21100	25	#0	QAM16		37.28	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		36.58	29.2	PASS
7	5	21100	25	#0	QAM16		37.39	32.2	PASS
7	5	21100	25	#0	QAM16		47.50	35.2	PASS
7	5	21425	8	#0	QPSK		52.49	35.2	PASS
7	5	21425	8	#0	QPSK		38.08	32.2	PASS
7	5	21425	8	#0	QPSK		34.94	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		43.95	29.2	PASS
7	5	21425	8	#0	QPSK		44.27	32.2	PASS
7	5	21425	8	#0	QPSK		54.01	35.2	PASS
7	5	21425	8	#Max	QPSK		53.65	35.2	PASS
7	5	21425	8	#Max	QPSK		44.59	32.2	PASS
7	5	21425	8	#Max	QPSK		44.27	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		32.37	29.2	PASS
7	5	21425	8	#Max	QPSK		35.67	32.2	PASS

7	5	21425	8	#Max	QPSK		52.69	35.2	PASS
7	5	21425	25	#0	QPSK		48.46	35.2	PASS
7	5	21425	25	#0	QPSK		37.47	32.2	PASS
7	5	21425	25	#0	QPSK		36.51	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		35.70	29.2	PASS
7	5	21425	25	#0	QPSK		36.57	32.2	PASS
7	5	21425	25	#0	QPSK		49.18	35.2	PASS
7	5	21425	8	#0	QAM16		52.21	35.2	PASS
7	5	21425	8	#0	QAM16		41.08	32.2	PASS
7	5	21425	8	#0	QAM16		38.06	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		44.32	29.2	PASS
7	5	21425	8	#0	QAM16		44.58	32.2	PASS
7	5	21425	8	#0	QAM16		53.04	35.2	PASS
7	5	21425	8	#Max	QAM16		52.72	35.2	PASS
7	5	21425	8	#Max	QAM16		44.96	32.2	PASS
7	5	21425	8	#Max	QAM16		44.67	29.2	PASS
7	5	21425	8	#Max	QAM16		0.00	0	PASS
7	5	21425	8	#Max	QAM16		36.24	29.2	PASS
7	5	21425	8	#Max	QAM16		39.22	32.2	PASS
7	5	21425	8	#Max	QAM16		52.45	35.2	PASS
7	5	21425	25	#0	QAM16		47.96	35.2	PASS
7	5	21425	25	#0	QAM16		38.88	32.2	PASS
7	5	21425	25	#0	QAM16		38.01	29.2	PASS
7	5	21425	25	#0	QAM16		0.00	0	PASS
7	5	21425	25	#0	QAM16		37.38	29.2	PASS
7	5	21425	25	#0	QAM16		38.16	32.2	PASS
7	5	21425	25	#0	QAM16		48.45	35.2	PASS
7	10	20800	12	#0	QPSK		52.01	35.2	PASS
7	10	20800	12	#0	QPSK		36.43	32.2	PASS
7	10	20800	12	#0	QPSK		35.82	29.2	PASS
7	10	20800	12	#0	QPSK		0.00	0	PASS
7	10	20800	12	#0	QPSK		44.35	29.2	PASS
7	10	20800	12	#0	QPSK		48.98	32.2	PASS
7	10	20800	12	#0	QPSK		48.39	35.2	PASS
7	10	20800	12	#Max	QPSK		50.34	35.2	PASS
7	10	20800	12	#Max	QPSK		50.57	32.2	PASS
7	10	20800	12	#Max	QPSK		46.33	29.2	PASS
7	10	20800	12	#Max	QPSK		0.00	0	PASS
7	10	20800	12	#Max	QPSK		34.71	29.2	PASS
7	10	20800	12	#Max	QPSK		35.31	32.2	PASS

7	10	20800	12	#Max	QPSK		52.02	35.2	PASS
7	10	20800	50	#0	QPSK		44.10	35.2	PASS
7	10	20800	50	#0	QPSK		36.87	32.2	PASS
7	10	20800	50	#0	QPSK		35.51	29.2	PASS
7	10	20800	50	#0	QPSK		0.00	0	PASS
7	10	20800	50	#0	QPSK		34.95	29.2	PASS
7	10	20800	50	#0	QPSK		36.52	32.2	PASS
7	10	20800	50	#0	QPSK		42.41	35.2	PASS
7	10	20800	12	#0	QAM16		51.34	35.2	PASS
7	10	20800	12	#0	QAM16		38.63	32.2	PASS
7	10	20800	12	#0	QAM16		37.90	29.2	PASS
7	10	20800	12	#0	QAM16		0.00	0	PASS
7	10	20800	12	#0	QAM16		44.47	29.2	PASS
7	10	20800	12	#0	QAM16		48.94	32.2	PASS
7	10	20800	12	#0	QAM16		48.53	35.2	PASS
7	10	20800	12	#Max	QAM16		50.06	35.2	PASS
7	10	20800	12	#Max	QAM16		50.25	32.2	PASS
7	10	20800	12	#Max	QAM16		46.09	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		36.64	29.2	PASS
7	10	20800	12	#Max	QAM16		37.34	32.2	PASS
7	10	20800	12	#Max	QAM16		51.53	35.2	PASS
7	10	20800	50	#0	QAM16		45.26	35.2	PASS
7	10	20800	50	#0	QAM16		38.43	32.2	PASS
7	10	20800	50	#0	QAM16		36.99	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		36.18	29.2	PASS
7	10	20800	50	#0	QAM16		37.82	32.2	PASS
7	10	20800	50	#0	QAM16		43.56	35.2	PASS
7	10	21100	12	#0	QPSK		52.01	35.2	PASS
7	10	21100	12	#0	QPSK		37.67	32.2	PASS
7	10	21100	12	#0	QPSK		37.04	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		43.81	29.2	PASS
7	10	21100	12	#0	QPSK		48.44	32.2	PASS
7	10	21100	12	#0	QPSK		47.78	35.2	PASS
7	10	21100	12	#Max	QPSK		49.40	35.2	PASS
7	10	21100	12	#Max	QPSK		50.00	32.2	PASS
7	10	21100	12	#Max	QPSK		45.53	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		34.24	29.2	PASS
7	10	21100	12	#Max	QPSK		34.76	32.2	PASS

7	10	21100	12	#Max	QPSK		52.32	35.2	PASS
7	10	21100	50	#0	QPSK		43.10	35.2	PASS
7	10	21100	50	#0	QPSK		36.96	32.2	PASS
7	10	21100	50	#0	QPSK		35.41	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		35.24	29.2	PASS
7	10	21100	50	#0	QPSK		36.80	32.2	PASS
7	10	21100	50	#0	QPSK		43.12	35.2	PASS
7	10	21100	12	#0	QAM16		51.28	35.2	PASS
7	10	21100	12	#0	QAM16		39.39	32.2	PASS
7	10	21100	12	#0	QAM16		38.58	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		44.08	29.2	PASS
7	10	21100	12	#0	QAM16		48.65	32.2	PASS
7	10	21100	12	#0	QAM16		48.30	35.2	PASS
7	10	21100	12	#Max	QAM16		49.33	35.2	PASS
7	10	21100	12	#Max	QAM16		50.12	32.2	PASS
7	10	21100	12	#Max	QAM16		45.53	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		35.71	29.2	PASS
7	10	21100	12	#Max	QAM16		36.46	32.2	PASS
7	10	21100	12	#Max	QAM16		51.83	35.2	PASS
7	10	21100	50	#0	QAM16		43.78	35.2	PASS
7	10	21100	50	#0	QAM16		38.38	32.2	PASS
7	10	21100	50	#0	QAM16		36.62	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		36.45	29.2	PASS
7	10	21100	50	#0	QAM16		38.06	32.2	PASS
7	10	21100	50	#0	QAM16		43.99	35.2	PASS
7	10	21400	12	#0	QPSK		51.64	35.2	PASS
7	10	21400	12	#0	QPSK		37.72	32.2	PASS
7	10	21400	12	#0	QPSK		37.04	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		43.26	29.2	PASS
7	10	21400	12	#0	QPSK		48.24	32.2	PASS
7	10	21400	12	#0	QPSK		47.06	35.2	PASS
7	10	21400	12	#Max	QPSK		47.00	35.2	PASS
7	10	21400	12	#Max	QPSK		48.06	32.2	PASS
7	10	21400	12	#Max	QPSK		43.17	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		35.15	29.2	PASS
7	10	21400	12	#Max	QPSK		35.72	32.2	PASS

7	10	21400	12	#Max	QPSK		52.17	35.2	PASS
7	10	21400	50	#0	QPSK		44.42	35.2	PASS
7	10	21400	50	#0	QPSK		37.99	32.2	PASS
7	10	21400	50	#0	QPSK		36.43	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		36.16	29.2	PASS
7	10	21400	50	#0	QPSK		37.73	32.2	PASS
7	10	21400	50	#0	QPSK		44.30	35.2	PASS
7	10	21400	12	#0	QAM16		51.14	35.2	PASS
7	10	21400	12	#0	QAM16		39.30	32.2	PASS
7	10	21400	12	#0	QAM16		38.49	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		43.41	29.2	PASS
7	10	21400	12	#0	QAM16		48.28	32.2	PASS
7	10	21400	12	#0	QAM16		47.32	35.2	PASS
7	10	21400	12	#Max	QAM16		47.14	35.2	PASS
7	10	21400	12	#Max	QAM16		48.28	32.2	PASS
7	10	21400	12	#Max	QAM16		43.36	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		37.33	29.2	PASS
7	10	21400	12	#Max	QAM16		38.08	32.2	PASS
7	10	21400	12	#Max	QAM16		51.43	35.2	PASS
7	10	21400	50	#0	QAM16		44.58	35.2	PASS
7	10	21400	50	#0	QAM16		38.79	32.2	PASS
7	10	21400	50	#0	QAM16		37.12	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		37.18	29.2	PASS
7	10	21400	50	#0	QAM16		38.71	32.2	PASS
7	10	21400	50	#0	QAM16		45.43	35.2	PASS
7	20	20850	18	#0	QPSK		51.19	35.2	PASS
7	20	20850	18	#0	QPSK		36.63	32.2	PASS
7	20	20850	18	#0	QPSK		38.46	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		43.87	29.2	PASS
7	20	20850	18	#0	QPSK		53.04	32.2	PASS
7	20	20850	18	#0	QPSK		52.07	35.2	PASS
7	20	20850	18	#Max	QPSK		51.70	35.2	PASS
7	20	20850	18	#Max	QPSK		52.61	32.2	PASS
7	20	20850	18	#Max	QPSK		44.95	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		39.31	29.2	PASS
7	20	20850	18	#Max	QPSK		38.06	32.2	PASS

7	20	20850	18	#Max	QPSK		51.24	35.2	PASS
7	20	20850	100	#0	QPSK		42.54	35.2	PASS
7	20	20850	100	#0	QPSK		39.50	32.2	PASS
7	20	20850	100	#0	QPSK		36.46	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		36.70	29.2	PASS
7	20	20850	100	#0	QPSK		40.84	32.2	PASS
7	20	20850	100	#0	QPSK		43.00	35.2	PASS
7	20	20850	18	#0	QAM16		50.29	35.2	PASS
7	20	20850	18	#0	QAM16		38.24	32.2	PASS
7	20	20850	18	#0	QAM16		39.47	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		43.54	29.2	PASS
7	20	20850	18	#0	QAM16		52.09	32.2	PASS
7	20	20850	18	#0	QAM16		51.58	35.2	PASS
7	20	20850	18	#Max	QAM16		50.92	35.2	PASS
7	20	20850	18	#Max	QAM16		51.66	32.2	PASS
7	20	20850	18	#Max	QAM16		44.36	29.2	PASS
7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		40.14	29.2	PASS
7	20	20850	18	#Max	QAM16		39.80	32.2	PASS
7	20	20850	18	#Max	QAM16		50.40	35.2	PASS
7	20	20850	100	#0	QAM16		43.77	35.2	PASS
7	20	20850	100	#0	QAM16		40.72	32.2	PASS
7	20	20850	100	#0	QAM16		37.56	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		37.40	29.2	PASS
7	20	20850	100	#0	QAM16		41.90	32.2	PASS
7	20	20850	100	#0	QAM16		43.62	35.2	PASS
7	20	21100	18	#0	QPSK		50.77	35.2	PASS
7	20	21100	18	#0	QPSK		39.31	32.2	PASS
7	20	21100	18	#0	QPSK		40.20	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		43.83	29.2	PASS
7	20	21100	18	#0	QPSK		53.14	32.2	PASS
7	20	21100	18	#0	QPSK		51.92	35.2	PASS
7	20	21100	18	#Max	QPSK		51.77	35.2	PASS
7	20	21100	18	#Max	QPSK		52.86	32.2	PASS
7	20	21100	18	#Max	QPSK		44.52	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		36.17	29.2	PASS
7	20	21100	18	#Max	QPSK		34.49	32.2	PASS

7	20	21100	18	#Max	QPSK		50.97	35.2	PASS
7	20	21100	100	#0	QPSK		40.23	35.2	PASS
7	20	21100	100	#0	QPSK		37.90	32.2	PASS
7	20	21100	100	#0	QPSK		34.24	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		35.72	29.2	PASS
7	20	21100	100	#0	QPSK		39.04	32.2	PASS
7	20	21100	100	#0	QPSK		41.78	35.2	PASS
7	20	21100	18	#0	QAM16		49.91	35.2	PASS
7	20	21100	18	#0	QAM16		40.17	32.2	PASS
7	20	21100	18	#0	QAM16		40.57	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		43.46	29.2	PASS
7	20	21100	18	#0	QAM16		52.20	32.2	PASS
7	20	21100	18	#0	QAM16		51.53	35.2	PASS
7	20	21100	18	#Max	QAM16		50.95	35.2	PASS
7	20	21100	18	#Max	QAM16		51.82	32.2	PASS
7	20	21100	18	#Max	QAM16		44.02	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS
7	20	21100	18	#Max	QAM16		37.79	29.2	PASS
7	20	21100	18	#Max	QAM16		36.42	32.2	PASS
7	20	21100	18	#Max	QAM16		50.76	35.2	PASS
7	20	21100	100	#0	QAM16		41.85	35.2	PASS
7	20	21100	100	#0	QAM16		39.94	32.2	PASS
7	20	21100	100	#0	QAM16		35.75	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		37.16	29.2	PASS
7	20	21100	100	#0	QAM16		40.62	32.2	PASS
7	20	21100	100	#0	QAM16		43.26	35.2	PASS
7	20	21350	18	#0	QPSK		49.61	35.2	PASS
7	20	21350	18	#0	QPSK		34.69	32.2	PASS
7	20	21350	18	#0	QPSK		36.30	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		44.65	29.2	PASS
7	20	21350	18	#0	QPSK		53.28	32.2	PASS
7	20	21350	18	#0	QPSK		52.13	35.2	PASS
7	20	21350	18	#Max	QPSK		49.73	35.2	PASS
7	20	21350	18	#Max	QPSK		52.56	32.2	PASS
7	20	21350	18	#Max	QPSK		41.14	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		37.89	29.2	PASS
7	20	21350	18	#Max	QPSK		36.17	32.2	PASS



7	20	21350	18	#Max	QPSK		51.15	35.2	PASS
7	20	21350	100	#0	QPSK		38.72	35.2	PASS
7	20	21350	100	#0	QPSK		37.48	32.2	PASS
7	20	21350	100	#0	QPSK		33.37	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		35.19	29.2	PASS
7	20	21350	100	#0	QPSK		38.47	32.2	PASS
7	20	21350	100	#0	QPSK		40.75	35.2	PASS
7	20	21350	18	#0	QAM16		49.35	35.2	PASS
7	20	21350	18	#0	QAM16		36.39	32.2	PASS
7	20	21350	18	#0	QAM16		37.46	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		44.22	29.2	PASS
7	20	21350	18	#0	QAM16		52.32	32.2	PASS
7	20	21350	18	#0	QAM16		51.77	35.2	PASS
7	20	21350	18	#Max	QAM16		49.75	35.2	PASS
7	20	21350	18	#Max	QAM16		51.60	32.2	PASS
7	20	21350	18	#Max	QAM16		41.38	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		39.97	29.2	PASS
7	20	21350	18	#Max	QAM16		38.88	32.2	PASS
7	20	21350	18	#Max	QAM16		50.78	35.2	PASS
7	20	21350	100	#0	QAM16		40.66	35.2	PASS
7	20	21350	100	#0	QAM16		39.40	32.2	PASS
7	20	21350	100	#0	QAM16		35.04	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		37.35	29.2	PASS
7	20	21350	100	#0	QAM16		41.01	32.2	PASS
7	20	21350	100	#0	QAM16		43.04	35.2	PASS
8	1.4	21457	5	#0	QPSK		42.35	32.2	PASS
8	1.4	21457	5	#0	QPSK		33.90	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		38.31	29.2	PASS
8	1.4	21457	5	#0	QPSK		47.16	32.2	PASS
8	1.4	21457	5	#Max	QPSK		46.66	32.2	PASS
8	1.4	21457	5	#Max	QPSK		38.02	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		34.04	29.2	PASS
8	1.4	21457	5	#Max	QPSK		42.66	32.2	PASS
8	1.4	21457	6	#0	QPSK		43.11	32.2	PASS
8	1.4	21457	6	#0	QPSK		37.72	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS

8	1.4	21457	6	#0	QPSK		38.60	29.2	PASS
8	1.4	21457	6	#0	QPSK		44.45	32.2	PASS
8	1.4	21457	5	#0	QAM16		44.09	32.2	PASS
8	1.4	21457	5	#0	QAM16		36.13	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		40.94	29.2	PASS
8	1.4	21457	5	#0	QAM16		48.08	32.2	PASS
8	1.4	21457	5	#Max	QAM16		48.15	32.2	PASS
8	1.4	21457	5	#Max	QAM16		41.50	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		37.97	29.2	PASS
8	1.4	21457	5	#Max	QAM16		45.46	32.2	PASS
8	1.4	21457	6	#0	QAM16		46.31	32.2	PASS
8	1.4	21457	6	#0	QAM16		42.48	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		42.71	29.2	PASS
8	1.4	21457	6	#0	QAM16		46.97	32.2	PASS
8	1.4	21625	5	#0	QPSK		46.70	32.2	PASS
8	1.4	21625	5	#0	QPSK		41.11	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		44.08	29.2	PASS
8	1.4	21625	5	#0	QPSK		49.49	32.2	PASS
8	1.4	21625	5	#Max	QPSK		48.88	32.2	PASS
8	1.4	21625	5	#Max	QPSK		44.08	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		40.98	29.2	PASS
8	1.4	21625	5	#Max	QPSK		47.14	32.2	PASS
8	1.4	21625	6	#0	QPSK		47.45	32.2	PASS
8	1.4	21625	6	#0	QPSK		45.24	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		45.04	29.2	PASS
8	1.4	21625	6	#0	QPSK		48.07	32.2	PASS
8	1.4	21625	5	#0	QAM16		47.59	32.2	PASS
8	1.4	21625	5	#0	QAM16		42.97	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		45.21	29.2	PASS
8	1.4	21625	5	#0	QAM16		49.65	32.2	PASS
8	1.4	21625	5	#Max	QAM16		49.30	32.2	PASS
8	1.4	21625	5	#Max	QAM16		45.41	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		42.36	29.2	PASS
8	1.4	21625	5	#Max	QAM16		47.65	32.2	PASS

8	1.4	21625	6	#0	QAM16		48.11	32.2	PASS
8	1.4	21625	6	#0	QAM16		47.41	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		47.50	29.2	PASS
8	1.4	21625	6	#0	QAM16		48.41	32.2	PASS
8	1.4	21793	5	#0	QPSK		43.17	32.2	PASS
8	1.4	21793	5	#0	QPSK		35.32	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		41.73	29.2	PASS
8	1.4	21793	5	#0	QPSK		48.85	32.2	PASS
8	1.4	21793	5	#Max	QPSK		46.91	32.2	PASS
8	1.4	21793	5	#Max	QPSK		38.92	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		37.57	29.2	PASS
8	1.4	21793	5	#Max	QPSK		44.97	32.2	PASS
8	1.4	21793	6	#0	QPSK		44.13	32.2	PASS
8	1.4	21793	6	#0	QPSK		38.35	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		41.32	29.2	PASS
8	1.4	21793	6	#0	QPSK		46.34	32.2	PASS
8	1.4	21793	5	#0	QAM16		46.13	32.2	PASS
8	1.4	21793	5	#0	QAM16		38.82	29.2	PASS
8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		44.77	29.2	PASS
8	1.4	21793	5	#0	QAM16		50.03	32.2	PASS
8	1.4	21793	5	#Max	QAM16		48.81	32.2	PASS
8	1.4	21793	5	#Max	QAM16		42.71	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		40.99	29.2	PASS
8	1.4	21793	5	#Max	QAM16		47.43	32.2	PASS
8	1.4	21793	6	#0	QAM16		46.18	32.2	PASS
8	1.4	21793	6	#0	QAM16		41.26	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		44.09	29.2	PASS
8	1.4	21793	6	#0	QAM16		48.02	32.2	PASS
8	5	21475	8	#0	QPSK		53.89	35.2	PASS
8	5	21475	8	#0	QPSK		39.69	32.2	PASS
8	5	21475	8	#0	QPSK		36.70	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.00	29.2	PASS
8	5	21475	8	#0	QPSK		50.49	32.2	PASS
8	5	21475	8	#0	QPSK		54.25	35.2	PASS

8	5	21475	8	#Max	QPSK		53.96	35.2	PASS
8	5	21475	8	#Max	QPSK		49.29	32.2	PASS
8	5	21475	8	#Max	QPSK		48.85	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		39.61	29.2	PASS
8	5	21475	8	#Max	QPSK		42.77	32.2	PASS
8	5	21475	8	#Max	QPSK		53.71	35.2	PASS
8	5	21475	25	#0	QPSK		52.82	35.2	PASS
8	5	21475	25	#0	QPSK		38.00	32.2	PASS
8	5	21475	25	#0	QPSK		37.22	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		40.30	29.2	PASS
8	5	21475	25	#0	QPSK		41.29	32.2	PASS
8	5	21475	25	#0	QPSK		51.33	35.2	PASS
8	5	21475	8	#0	QAM16		52.85	35.2	PASS
8	5	21475	8	#0	QAM16		42.54	32.2	PASS
8	5	21475	8	#0	QAM16		39.30	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		49.89	29.2	PASS
8	5	21475	8	#0	QAM16		50.44	32.2	PASS
8	5	21475	8	#0	QAM16		53.24	35.2	PASS
8	5	21475	8	#Max	QAM16		52.98	35.2	PASS
8	5	21475	8	#Max	QAM16		49.44	32.2	PASS
8	5	21475	8	#Max	QAM16		48.93	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS
8	5	21475	8	#Max	QAM16		42.10	29.2	PASS
8	5	21475	8	#Max	QAM16		45.14	32.2	PASS
8	5	21475	8	#Max	QAM16		52.93	35.2	PASS
8	5	21475	25	#0	QAM16		51.86	35.2	PASS
8	5	21475	25	#0	QAM16		40.26	32.2	PASS
8	5	21475	25	#0	QAM16		39.41	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		42.06	29.2	PASS
8	5	21475	25	#0	QAM16		43.01	32.2	PASS
8	5	21475	25	#0	QAM16		51.02	35.2	PASS
8	5	21625	8	#0	QPSK		53.61	35.2	PASS
8	5	21625	8	#0	QPSK		46.16	32.2	PASS
8	5	21625	8	#0	QPSK		43.37	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		49.78	29.2	PASS
8	5	21625	8	#0	QPSK		50.26	32.2	PASS
8	5	21625	8	#0	QPSK		54.20	35.2	PASS

8	5	21625	8	#Max	QPSK		53.73	35.2	PASS
8	5	21625	8	#Max	QPSK		49.14	32.2	PASS
8	5	21625	8	#Max	QPSK		48.69	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		41.33	29.2	PASS
8	5	21625	8	#Max	QPSK		44.74	32.2	PASS
8	5	21625	8	#Max	QPSK		53.89	35.2	PASS
8	5	21625	25	#0	QPSK		51.73	35.2	PASS
8	5	21625	25	#0	QPSK		45.95	32.2	PASS
8	5	21625	25	#0	QPSK		45.00	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		44.04	29.2	PASS
8	5	21625	25	#0	QPSK		45.08	32.2	PASS
8	5	21625	25	#0	QPSK		52.84	35.2	PASS
8	5	21625	8	#0	QAM16		52.67	35.2	PASS
8	5	21625	8	#0	QAM16		46.92	32.2	PASS
8	5	21625	8	#0	QAM16		44.71	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		49.45	29.2	PASS
8	5	21625	8	#0	QAM16		49.99	32.2	PASS
8	5	21625	8	#0	QAM16		53.20	35.2	PASS
8	5	21625	8	#Max	QAM16		52.79	35.2	PASS
8	5	21625	8	#Max	QAM16		49.02	32.2	PASS
8	5	21625	8	#Max	QAM16		48.54	29.2	PASS
8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		43.02	29.2	PASS
8	5	21625	8	#Max	QAM16		46.21	32.2	PASS
8	5	21625	8	#Max	QAM16		53.01	35.2	PASS
8	5	21625	25	#0	QAM16		50.90	35.2	PASS
8	5	21625	25	#0	QAM16		46.35	32.2	PASS
8	5	21625	25	#0	QAM16		45.33	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		45.16	29.2	PASS
8	5	21625	25	#0	QAM16		46.11	32.2	PASS
8	5	21625	25	#0	QAM16		51.72	35.2	PASS
8	5	21775	8	#0	QPSK		53.46	35.2	PASS
8	5	21775	8	#0	QPSK		44.60	32.2	PASS
8	5	21775	8	#0	QPSK		41.83	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		50.56	29.2	PASS
8	5	21775	8	#0	QPSK		51.12	32.2	PASS
8	5	21775	8	#0	QPSK		54.23	35.2	PASS

8	5	21775	8	#Max	QPSK		53.67	35.2	PASS
8	5	21775	8	#Max	QPSK		48.23	32.2	PASS
8	5	21775	8	#Max	QPSK		47.85	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		38.78	29.2	PASS
8	5	21775	8	#Max	QPSK		42.27	32.2	PASS
8	5	21775	8	#Max	QPSK		54.11	35.2	PASS
8	5	21775	25	#0	QPSK		51.34	35.2	PASS
8	5	21775	25	#0	QPSK		44.33	32.2	PASS
8	5	21775	25	#0	QPSK		43.17	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		43.07	29.2	PASS
8	5	21775	25	#0	QPSK		44.22	32.2	PASS
8	5	21775	25	#0	QPSK		53.09	35.2	PASS
8	5	21775	8	#0	QAM16		52.57	35.2	PASS
8	5	21775	8	#0	QAM16		47.88	32.2	PASS
8	5	21775	8	#0	QAM16		45.43	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		50.21	29.2	PASS
8	5	21775	8	#0	QAM16		50.78	32.2	PASS
8	5	21775	8	#0	QAM16		53.19	35.2	PASS
8	5	21775	8	#Max	QAM16		52.60	35.2	PASS
8	5	21775	8	#Max	QAM16		48.42	32.2	PASS
8	5	21775	8	#Max	QAM16		47.97	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS
8	5	21775	8	#Max	QAM16		42.34	29.2	PASS
8	5	21775	8	#Max	QAM16		45.66	32.2	PASS
8	5	21775	8	#Max	QAM16		53.06	35.2	PASS
8	5	21775	25	#0	QAM16		50.51	35.2	PASS
8	5	21775	25	#0	QAM16		45.62	32.2	PASS
8	5	21775	25	#0	QAM16		44.61	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		43.96	29.2	PASS
8	5	21775	25	#0	QAM16		44.99	32.2	PASS
8	5	21775	25	#0	QAM16		52.12	35.2	PASS
8	10	21500	12	#0	QPSK		53.56	35.2	PASS
8	10	21500	12	#0	QPSK		38.63	32.2	PASS
8	10	21500	12	#0	QPSK		38.02	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		47.48	29.2	PASS
8	10	21500	12	#0	QPSK		51.75	32.2	PASS
8	10	21500	12	#0	QPSK		51.36	35.2	PASS

8	10	21500	12	#Max	QPSK		52.80	35.2	PASS
8	10	21500	12	#Max	QPSK		51.84	32.2	PASS
8	10	21500	12	#Max	QPSK		48.31	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		44.28	29.2	PASS
8	10	21500	12	#Max	QPSK		45.33	32.2	PASS
8	10	21500	12	#Max	QPSK		53.67	35.2	PASS
8	10	21500	50	#0	QPSK		47.75	35.2	PASS
8	10	21500	50	#0	QPSK		39.84	32.2	PASS
8	10	21500	50	#0	QPSK		38.48	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		42.25	29.2	PASS
8	10	21500	50	#0	QPSK		44.95	32.2	PASS
8	10	21500	50	#0	QPSK		47.00	35.2	PASS
8	10	21500	12	#0	QAM16		52.54	35.2	PASS
8	10	21500	12	#0	QAM16		41.06	32.2	PASS
8	10	21500	12	#0	QAM16		40.19	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		47.32	29.2	PASS
8	10	21500	12	#0	QAM16		51.28	32.2	PASS
8	10	21500	12	#0	QAM16		51.39	35.2	PASS
8	10	21500	12	#Max	QAM16		52.03	35.2	PASS
8	10	21500	12	#Max	QAM16		51.40	32.2	PASS
8	10	21500	12	#Max	QAM16		47.79	29.2	PASS
8	10	21500	12	#Max	QAM16		0.00	0	PASS
8	10	21500	12	#Max	QAM16		44.94	29.2	PASS
8	10	21500	12	#Max	QAM16		46.32	32.2	PASS
8	10	21500	12	#Max	QAM16		52.83	35.2	PASS
8	10	21500	50	#0	QAM16		48.73	35.2	PASS
8	10	21500	50	#0	QAM16		40.41	32.2	PASS
8	10	21500	50	#0	QAM16		39.14	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		42.25	29.2	PASS
8	10	21500	50	#0	QAM16		44.88	32.2	PASS
8	10	21500	50	#0	QAM16		47.30	35.2	PASS
8	10	21625	12	#0	QPSK		53.15	35.2	PASS
8	10	21625	12	#0	QPSK		47.71	32.2	PASS
8	10	21625	12	#0	QPSK		46.11	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		48.10	29.2	PASS
8	10	21625	12	#0	QPSK		52.38	32.2	PASS
8	10	21625	12	#0	QPSK		51.95	35.2	PASS

8	10	21625	12	#Max	QPSK		51.61	35.2	PASS
8	10	21625	12	#Max	QPSK		51.81	32.2	PASS
8	10	21625	12	#Max	QPSK		47.71	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		42.87	29.2	PASS
8	10	21625	12	#Max	QPSK		43.79	32.2	PASS
8	10	21625	12	#Max	QPSK		53.65	35.2	PASS
8	10	21625	50	#0	QPSK		50.52	35.2	PASS
8	10	21625	50	#0	QPSK		47.98	32.2	PASS
8	10	21625	50	#0	QPSK		45.45	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		43.94	29.2	PASS
8	10	21625	50	#0	QPSK		45.98	32.2	PASS
8	10	21625	50	#0	QPSK		50.42	35.2	PASS
8	10	21625	12	#0	QAM16		52.31	35.2	PASS
8	10	21625	12	#0	QAM16		47.97	32.2	PASS
8	10	21625	12	#0	QAM16		46.10	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.63	29.2	PASS
8	10	21625	12	#0	QAM16		51.77	32.2	PASS
8	10	21625	12	#0	QAM16		51.48	35.2	PASS
8	10	21625	12	#Max	QAM16		51.16	35.2	PASS
8	10	21625	12	#Max	QAM16		51.21	32.2	PASS
8	10	21625	12	#Max	QAM16		47.26	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		44.17	29.2	PASS
8	10	21625	12	#Max	QAM16		45.47	32.2	PASS
8	10	21625	12	#Max	QAM16		52.78	35.2	PASS
8	10	21625	50	#0	QAM16		49.47	35.2	PASS
8	10	21625	50	#0	QAM16		47.06	32.2	PASS
8	10	21625	50	#0	QAM16		44.45	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		43.74	29.2	PASS
8	10	21625	50	#0	QAM16		45.82	32.2	PASS
8	10	21625	50	#0	QAM16		50.08	35.2	PASS
8	10	21750	12	#0	QPSK		52.70	35.2	PASS
8	10	21750	12	#0	QPSK		44.34	32.2	PASS
8	10	21750	12	#0	QPSK		43.26	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		50.06	29.2	PASS
8	10	21750	12	#0	QPSK		53.47	32.2	PASS
8	10	21750	12	#0	QPSK		54.05	35.2	PASS



8	10	21750	12	#Max	QPSK		49.92	35.2	PASS
8	10	21750	12	#Max	QPSK		51.07	32.2	PASS
8	10	21750	12	#Max	QPSK		46.34	29.2	PASS
8	10	21750	12	#Max	QPSK		0.00	0	PASS
8	10	21750	12	#Max	QPSK		42.30	29.2	PASS
8	10	21750	12	#Max	QPSK		43.10	32.2	PASS
8	10	21750	12	#Max	QPSK		54.02	35.2	PASS
8	10	21750	50	#0	QPSK		47.81	35.2	PASS
8	10	21750	50	#0	QPSK		44.71	32.2	PASS
8	10	21750	50	#0	QPSK		42.21	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		45.00	29.2	PASS
8	10	21750	50	#0	QPSK		46.16	32.2	PASS
8	10	21750	50	#0	QPSK		53.10	35.2	PASS
8	10	21750	12	#0	QAM16		51.85	35.2	PASS
8	10	21750	12	#0	QAM16		45.73	32.2	PASS
8	10	21750	12	#0	QAM16		44.22	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		49.11	29.2	PASS
8	10	21750	12	#0	QAM16		52.52	32.2	PASS
8	10	21750	12	#0	QAM16		53.08	35.2	PASS
8	10	21750	12	#Max	QAM16		49.77	35.2	PASS
8	10	21750	12	#Max	QAM16		50.59	32.2	PASS
8	10	21750	12	#Max	QAM16		46.12	29.2	PASS
8	10	21750	12	#Max	QAM16		0.00	0	PASS
8	10	21750	12	#Max	QAM16		43.74	29.2	PASS
8	10	21750	12	#Max	QAM16		45.01	32.2	PASS
8	10	21750	12	#Max	QAM16		52.99	35.2	PASS
8	10	21750	50	#0	QAM16		48.48	35.2	PASS
8	10	21750	50	#0	QAM16		45.61	32.2	PASS
8	10	21750	50	#0	QAM16		43.08	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		45.23	29.2	PASS
8	10	21750	50	#0	QAM16		46.76	32.2	PASS
8	10	21750	50	#0	QAM16		52.13	35.2	PASS
20	5	24175	8	#0	QPSK		53.83	35.2	PASS
20	5	24175	8	#0	QPSK		45.24	32.2	PASS
20	5	24175	8	#0	QPSK		42.79	29.2	PASS
20	5	24175	8	#0	QPSK		0.00	0	PASS
20	5	24175	8	#0	QPSK		47.38	29.2	PASS
20	5	24175	8	#0	QPSK		47.83	32.2	PASS
20	5	24175	8	#0	QPSK		54.13	35.2	PASS

20	5	24175	8	#Max	QPSK		53.55	35.2	PASS
20	5	24175	8	#Max	QPSK		50.44	32.2	PASS
20	5	24175	8	#Max	QPSK		49.92	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
20	5	24175	8	#Max	QPSK		43.13	29.2	PASS
20	5	24175	8	#Max	QPSK		45.27	32.2	PASS
20	5	24175	8	#Max	QPSK		53.52	35.2	PASS
20	5	24175	25	#0	QPSK		52.31	35.2	PASS
20	5	24175	25	#0	QPSK		44.92	32.2	PASS
20	5	24175	25	#0	QPSK		44.30	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		41.08	29.2	PASS
20	5	24175	25	#0	QPSK		41.66	32.2	PASS
20	5	24175	25	#0	QPSK		49.83	35.2	PASS
20	5	24175	8	#0	QAM16		52.32	35.2	PASS
20	5	24175	8	#0	QAM16		46.71	32.2	PASS
20	5	24175	8	#0	QAM16		44.46	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
20	5	24175	8	#0	QAM16		47.59	29.2	PASS
20	5	24175	8	#0	QAM16		48.08	32.2	PASS
20	5	24175	8	#0	QAM16		52.70	35.2	PASS
20	5	24175	8	#Max	QAM16		52.50	35.2	PASS
20	5	24175	8	#Max	QAM16		50.24	32.2	PASS
20	5	24175	8	#Max	QAM16		49.68	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
20	5	24175	8	#Max	QAM16		43.61	29.2	PASS
20	5	24175	8	#Max	QAM16		45.68	32.2	PASS
20	5	24175	8	#Max	QAM16		52.62	35.2	PASS
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20	5	24175	25	#0	QAM16		44.26	29.2	PASS
20	5	24175	25	#0	QAM16		0.00	0	PASS
20	5	24175	25	#0	QAM16		40.82	29.2	PASS
20	5	24175	25	#0	QAM16		41.51	32.2	PASS
20	5	24175	25	#0	QAM16		49.60	35.2	PASS
20	5	24300	8	#0	QPSK		53.05	35.2	PASS
20	5	24300	8	#0	QPSK		44.95	32.2	PASS
20	5	24300	8	#0	QPSK		42.46	29.2	PASS
20	5	24300	8	#0	QPSK		0.00	0	PASS
20	5	24300	8	#0	QPSK		48.76	29.2	PASS
20	5	24300	8	#0	QPSK		49.20	32.2	PASS
20	5	24300	8	#0	QPSK		53.62	35.2	PASS

20	5	24300	8	#Max	QPSK		53.23	35.2	PASS
20	5	24300	8	#Max	QPSK		48.99	32.2	PASS
20	5	24300	8	#Max	QPSK		48.50	29.2	PASS
20	5	24300	8	#Max	QPSK		0.00	0	PASS
20	5	24300	8	#Max	QPSK		46.50	29.2	PASS
20	5	24300	8	#Max	QPSK		48.26	32.2	PASS
20	5	24300	8	#Max	QPSK		53.14	35.2	PASS
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20	5	24300	25	#0	QPSK		43.53	32.2	PASS
20	5	24300	25	#0	QPSK		42.84	29.2	PASS
20	5	24300	25	#0	QPSK		0.00	0	PASS
20	5	24300	25	#0	QPSK		45.20	29.2	PASS
20	5	24300	25	#0	QPSK		46.16	32.2	PASS
20	5	24300	25	#0	QPSK		50.32	35.2	PASS
20	5	24300	8	#0	QAM16		52.09	35.2	PASS
20	5	24300	8	#0	QAM16		45.57	32.2	PASS
20	5	24300	8	#0	QAM16		43.35	29.2	PASS
20	5	24300	8	#0	QAM16		0.00	0	PASS
20	5	24300	8	#0	QAM16		48.49	29.2	PASS
20	5	24300	8	#0	QAM16		48.99	32.2	PASS
20	5	24300	8	#0	QAM16		52.68	35.2	PASS
20	5	24300	8	#Max	QAM16		52.31	35.2	PASS
20	5	24300	8	#Max	QAM16		48.75	32.2	PASS
20	5	24300	8	#Max	QAM16		48.25	29.2	PASS
20	5	24300	8	#Max	QAM16		0.00	0	PASS
20	5	24300	8	#Max	QAM16		46.09	29.2	PASS
20	5	24300	8	#Max	QAM16		47.61	32.2	PASS
20	5	24300	8	#Max	QAM16		52.26	35.2	PASS
20	5	24300	25	#0	QAM16		50.35	35.2	PASS
20	5	24300	25	#0	QAM16		43.62	32.2	PASS
20	5	24300	25	#0	QAM16		42.83	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS
20	5	24300	25	#0	QAM16		43.61	29.2	PASS
20	5	24300	25	#0	QAM16		44.48	32.2	PASS
20	5	24300	25	#0	QAM16		49.64	35.2	PASS
20	5	24425	8	#0	QPSK		53.18	35.2	PASS
20	5	24425	8	#0	QPSK		41.32	32.2	PASS
20	5	24425	8	#0	QPSK		38.26	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		50.17	29.2	PASS
20	5	24425	8	#0	QPSK		50.69	32.2	PASS
20	5	24425	8	#0	QPSK		53.71	35.2	PASS

20	5	24425	8	#Max	QPSK		53.29	35.2	PASS
20	5	24425	8	#Max	QPSK		47.58	32.2	PASS
20	5	24425	8	#Max	QPSK		47.24	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		40.35	29.2	PASS
20	5	24425	8	#Max	QPSK		43.47	32.2	PASS
20	5	24425	8	#Max	QPSK		53.25	35.2	PASS
20	5	24425	25	#0	QPSK		51.02	35.2	PASS
20	5	24425	25	#0	QPSK		40.76	32.2	PASS
20	5	24425	25	#0	QPSK		39.95	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		42.71	29.2	PASS
20	5	24425	25	#0	QPSK		43.77	32.2	PASS
20	5	24425	25	#0	QPSK		51.79	35.2	PASS
20	5	24425	8	#0	QAM16		52.15	35.2	PASS
20	5	24425	8	#0	QAM16		44.13	32.2	PASS
20	5	24425	8	#0	QAM16		41.32	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		49.37	29.2	PASS
20	5	24425	8	#0	QAM16		49.89	32.2	PASS
20	5	24425	8	#0	QAM16		52.63	35.2	PASS
20	5	24425	8	#Max	QAM16		52.23	35.2	PASS
20	5	24425	8	#Max	QAM16		47.91	32.2	PASS
20	5	24425	8	#Max	QAM16		47.47	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		43.32	29.2	PASS
20	5	24425	8	#Max	QAM16		46.16	32.2	PASS
20	5	24425	8	#Max	QAM16		52.38	35.2	PASS
20	5	24425	25	#0	QAM16		50.33	35.2	PASS
20	5	24425	25	#0	QAM16		42.03	32.2	PASS
20	5	24425	25	#0	QAM16		41.25	29.2	PASS
20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		43.95	29.2	PASS
20	5	24425	25	#0	QAM16		44.99	32.2	PASS
20	5	24425	25	#0	QAM16		51.00	35.2	PASS
20	10	24200	12	#0	QPSK		53.13	35.2	PASS
20	10	24200	12	#0	QPSK		45.70	32.2	PASS
20	10	24200	12	#0	QPSK		44.57	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		47.32	29.2	PASS
20	10	24200	12	#0	QPSK		51.52	32.2	PASS
20	10	24200	12	#0	QPSK		51.17	35.2	PASS

20	10	24200	12	#Max	QPSK		52.93	35.2	PASS
20	10	24200	12	#Max	QPSK		52.46	32.2	PASS
20	10	24200	12	#Max	QPSK		48.94	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
20	10	24200	12	#Max	QPSK		41.72	29.2	PASS
20	10	24200	12	#Max	QPSK		42.56	32.2	PASS
20	10	24200	12	#Max	QPSK		53.31	35.2	PASS
20	10	24200	50	#0	QPSK		51.37	35.2	PASS
20	10	24200	50	#0	QPSK		47.21	32.2	PASS
20	10	24200	50	#0	QPSK		45.23	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		41.07	29.2	PASS
20	10	24200	50	#0	QPSK		43.05	32.2	PASS
20	10	24200	50	#0	QPSK		47.56	35.2	PASS
20	10	24200	12	#0	QAM16		52.04	35.2	PASS
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20	10	24200	12	#0	QAM16		44.52	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		46.87	29.2	PASS
20	10	24200	12	#0	QAM16		50.90	32.2	PASS
20	10	24200	12	#0	QAM16		50.83	35.2	PASS
20	10	24200	12	#Max	QAM16		51.91	35.2	PASS
20	10	24200	12	#Max	QAM16		51.69	32.2	PASS
20	10	24200	12	#Max	QAM16		48.06	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		42.83	29.2	PASS
20	10	24200	12	#Max	QAM16		44.12	32.2	PASS
20	10	24200	12	#Max	QAM16		52.38	35.2	PASS
20	10	24200	50	#0	QAM16		50.49	35.2	PASS
20	10	24200	50	#0	QAM16		45.91	32.2	PASS
20	10	24200	50	#0	QAM16		44.06	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS
20	10	24200	50	#0	QAM16		41.15	29.2	PASS
20	10	24200	50	#0	QAM16		43.10	32.2	PASS
20	10	24200	50	#0	QAM16		47.63	35.2	PASS
20	10	24300	12	#0	QPSK		52.70	35.2	PASS
20	10	24300	12	#0	QPSK		42.02	32.2	PASS
20	10	24300	12	#0	QPSK		41.22	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
20	10	24300	12	#0	QPSK		47.19	29.2	PASS
20	10	24300	12	#0	QPSK		51.32	32.2	PASS
20	10	24300	12	#0	QPSK		51.25	35.2	PASS

20	10	24300	12	#Max	QPSK		51.20	35.2	PASS
20	10	24300	12	#Max	QPSK		50.99	32.2	PASS
20	10	24300	12	#Max	QPSK		47.02	29.2	PASS
20	10	24300	12	#Max	QPSK		0.00	0	PASS
20	10	24300	12	#Max	QPSK		44.92	29.2	PASS
20	10	24300	12	#Max	QPSK		46.17	32.2	PASS
20	10	24300	12	#Max	QPSK		53.18	35.2	PASS
20	10	24300	50	#0	QPSK		47.35	35.2	PASS
20	10	24300	50	#0	QPSK		42.47	32.2	PASS
20	10	24300	50	#0	QPSK		40.46	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		42.87	29.2	PASS
20	10	24300	50	#0	QPSK		46.70	32.2	PASS
20	10	24300	50	#0	QPSK		46.67	35.2	PASS
20	10	24300	12	#0	QAM16		51.88	35.2	PASS
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20	10	24300	12	#0	QAM16		42.25	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		46.92	29.2	PASS
20	10	24300	12	#0	QAM16		50.79	32.2	PASS
20	10	24300	12	#0	QAM16		50.99	35.2	PASS
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20	10	24300	12	#Max	QAM16		45.99	32.2	PASS
20	10	24300	12	#Max	QAM16		52.30	35.2	PASS
20	10	24300	50	#0	QAM16		47.65	35.2	PASS
20	10	24300	50	#0	QAM16		42.24	32.2	PASS
20	10	24300	50	#0	QAM16		40.40	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		41.44	29.2	PASS
20	10	24300	50	#0	QAM16		44.41	32.2	PASS
20	10	24300	50	#0	QAM16		46.31	35.2	PASS
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20	10	24400	12	#0	QPSK		45.22	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		48.21	29.2	PASS
20	10	24400	12	#0	QPSK		52.58	32.2	PASS
20	10	24400	12	#0	QPSK		52.00	35.2	PASS

20	10	24400	12	#Max	QPSK		51.69	35.2	PASS
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20	10	24400	12	#Max	QPSK		47.82	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
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20	10	24400	50	#0	QPSK		42.05	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		42.76	29.2	PASS
20	10	24400	50	#0	QPSK		44.73	32.2	PASS
20	10	24400	50	#0	QPSK		49.30	35.2	PASS
20	10	24400	12	#0	QAM16		52.61	35.2	PASS
20	10	24400	12	#0	QAM16		46.28	32.2	PASS
20	10	24400	12	#0	QAM16		44.89	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		47.98	29.2	PASS
20	10	24400	12	#0	QAM16		52.08	32.2	PASS
20	10	24400	12	#0	QAM16		51.82	35.2	PASS
20	10	24400	12	#Max	QAM16		51.23	35.2	PASS
20	10	24400	12	#Max	QAM16		51.42	32.2	PASS
20	10	24400	12	#Max	QAM16		47.36	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		44.09	29.2	PASS
20	10	24400	12	#Max	QAM16		45.33	32.2	PASS
20	10	24400	12	#Max	QAM16		53.03	35.2	PASS
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20	10	24400	50	#0	QAM16		41.84	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		43.62	29.2	PASS
20	10	24400	50	#0	QAM16		45.66	32.2	PASS
20	10	24400	50	#0	QAM16		50.06	35.2	PASS
20	20	24250	18	#0	QPSK		52.23	35.2	PASS
20	20	24250	18	#0	QPSK		46.66	32.2	PASS
20	20	24250	18	#0	QPSK		44.02	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		45.55	29.2	PASS
20	20	24250	18	#0	QPSK		52.69	32.2	PASS
20	20	24250	18	#0	QPSK		52.65	35.2	PASS

20	20	24250	18	#Max	QPSK		52.39	35.2	PASS
20	20	24250	18	#Max	QPSK		52.57	32.2	PASS
20	20	24250	18	#Max	QPSK		45.74	29.2	PASS
20	20	24250	18	#Max	QPSK		0.00	0	PASS
20	20	24250	18	#Max	QPSK		43.71	29.2	PASS
20	20	24250	18	#Max	QPSK		45.73	32.2	PASS
20	20	24250	18	#Max	QPSK		52.03	35.2	PASS
20	20	24250	100	#0	QPSK		51.13	35.2	PASS
20	20	24250	100	#0	QPSK		46.62	32.2	PASS
20	20	24250	100	#0	QPSK		43.12	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		41.92	29.2	PASS
20	20	24250	100	#0	QPSK		46.50	32.2	PASS
20	20	24250	100	#0	QPSK		48.86	35.2	PASS
20	20	24250	18	#0	QAM16		51.21	35.2	PASS
20	20	24250	18	#0	QAM16		46.47	32.2	PASS
20	20	24250	18	#0	QAM16		43.28	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		44.79	29.2	PASS
20	20	24250	18	#0	QAM16		51.75	32.2	PASS
20	20	24250	18	#0	QAM16		51.80	35.2	PASS
20	20	24250	18	#Max	QAM16		51.37	35.2	PASS
20	20	24250	18	#Max	QAM16		51.57	32.2	PASS
20	20	24250	18	#Max	QAM16		44.73	29.2	PASS
20	20	24250	18	#Max	QAM16		0.00	0	PASS
20	20	24250	18	#Max	QAM16		43.42	29.2	PASS
20	20	24250	18	#Max	QAM16		45.95	32.2	PASS
20	20	24250	18	#Max	QAM16		51.34	35.2	PASS
20	20	24250	100	#0	QAM16		50.21	35.2	PASS
20	20	24250	100	#0	QAM16		46.56	32.2	PASS
20	20	24250	100	#0	QAM16		42.57	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		40.98	29.2	PASS
20	20	24250	100	#0	QAM16		45.58	32.2	PASS
20	20	24250	100	#0	QAM16		47.55	35.2	PASS
20	20	24300	18	#0	QPSK		51.92	35.2	PASS
20	20	24300	18	#0	QPSK		42.27	32.2	PASS
20	20	24300	18	#0	QPSK		41.93	29.2	PASS
20	20	24300	18	#0	QPSK		0.00	0	PASS
20	20	24300	18	#0	QPSK		45.86	29.2	PASS
20	20	24300	18	#0	QPSK		53.05	32.2	PASS
20	20	24300	18	#0	QPSK		53.03	35.2	PASS



20	20	24300	18	#Max	QPSK		52.22	35.2	PASS
20	20	24300	18	#Max	QPSK		52.61	32.2	PASS
20	20	24300	18	#Max	QPSK		45.65	29.2	PASS
20	20	24300	18	#Max	QPSK		0.00	0	PASS
20	20	24300	18	#Max	QPSK		43.72	29.2	PASS
20	20	24300	18	#Max	QPSK		44.46	32.2	PASS
20	20	24300	18	#Max	QPSK		52.89	35.2	PASS
20	20	24300	100	#0	QPSK		45.90	35.2	PASS
20	20	24300	100	#0	QPSK		45.23	32.2	PASS
20	20	24300	100	#0	QPSK		41.03	29.2	PASS
20	20	24300	100	#0	QPSK		0.00	0	PASS
20	20	24300	100	#0	QPSK		40.21	29.2	PASS
20	20	24300	100	#0	QPSK		45.79	32.2	PASS
20	20	24300	100	#0	QPSK		46.94	35.2	PASS
20	20	24300	18	#0	QAM16		51.00	35.2	PASS
20	20	24300	18	#0	QAM16		42.95	32.2	PASS
20	20	24300	18	#0	QAM16		42.03	29.2	PASS
20	20	24300	18	#0	QAM16		0.00	0	PASS
20	20	24300	18	#0	QAM16		45.18	29.2	PASS
20	20	24300	18	#0	QAM16		52.10	32.2	PASS
20	20	24300	18	#0	QAM16		52.20	35.2	PASS
20	20	24300	18	#Max	QAM16		51.24	35.2	PASS
20	20	24300	18	#Max	QAM16		51.58	32.2	PASS
20	20	24300	18	#Max	QAM16		44.69	29.2	PASS
20	20	24300	18	#Max	QAM16		0.00	0	PASS
20	20	24300	18	#Max	QAM16		43.61	29.2	PASS
20	20	24300	18	#Max	QAM16		45.16	32.2	PASS
20	20	24300	18	#Max	QAM16		52.07	35.2	PASS
20	20	24300	100	#0	QAM16		46.43	35.2	PASS
20	20	24300	100	#0	QAM16		45.20	32.2	PASS
20	20	24300	100	#0	QAM16		41.02	29.2	PASS
20	20	24300	100	#0	QAM16		0.00	0	PASS
20	20	24300	100	#0	QAM16		39.81	29.2	PASS
20	20	24300	100	#0	QAM16		44.87	32.2	PASS
20	20	24300	100	#0	QAM16		46.17	35.2	PASS
20	20	24350	18	#0	QPSK		52.66	35.2	PASS
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20	20	24350	18	#0	QPSK		42.58	29.2	PASS
20	20	24350	18	#0	QPSK		0.00	0	PASS
20	20	24350	18	#0	QPSK		46.81	29.2	PASS
20	20	24350	18	#0	QPSK		53.75	32.2	PASS
20	20	24350	18	#0	QPSK		53.40	35.2	PASS

20	20	24350	18	#Max	QPSK		52.62	35.2	PASS
20	20	24350	18	#Max	QPSK		52.99	32.2	PASS
20	20	24350	18	#Max	QPSK		45.58	29.2	PASS
20	20	24350	18	#Max	QPSK		0.00	0	PASS
20	20	24350	18	#Max	QPSK		44.31	29.2	PASS
20	20	24350	18	#Max	QPSK		44.85	32.2	PASS
20	20	24350	18	#Max	QPSK		53.37	35.2	PASS
20	20	24350	100	#0	QPSK		47.97	35.2	PASS
20	20	24350	100	#0	QPSK		46.72	32.2	PASS
20	20	24350	100	#0	QPSK		41.71	29.2	PASS
20	20	24350	100	#0	QPSK		0.00	0	PASS
20	20	24350	100	#0	QPSK		41.71	29.2	PASS
20	20	24350	100	#0	QPSK		46.35	32.2	PASS
20	20	24350	100	#0	QPSK		46.72	35.2	PASS
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20	20	24350	18	#0	QAM16		43.74	32.2	PASS
20	20	24350	18	#0	QAM16		42.71	29.2	PASS
20	20	24350	18	#0	QAM16		0.00	0	PASS
20	20	24350	18	#0	QAM16		45.95	29.2	PASS
20	20	24350	18	#0	QAM16		52.75	32.2	PASS
20	20	24350	18	#0	QAM16		52.63	35.2	PASS
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20	20	24350	18	#Max	QAM16		52.00	32.2	PASS
20	20	24350	18	#Max	QAM16		44.65	29.2	PASS
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20	20	24350	18	#Max	QAM16		44.41	29.2	PASS
20	20	24350	18	#Max	QAM16		46.15	32.2	PASS
20	20	24350	18	#Max	QAM16		52.46	35.2	PASS
20	20	24350	100	#0	QAM16		47.29	35.2	PASS
20	20	24350	100	#0	QAM16		45.83	32.2	PASS
20	20	24350	100	#0	QAM16		41.07	29.2	PASS
20	20	24350	100	#0	QAM16		0.00	0	PASS
20	20	24350	100	#0	QAM16		41.53	29.2	PASS
20	20	24350	100	#0	QAM16		45.92	32.2	PASS
20	20	24350	100	#0	QAM16		46.93	35.2	PASS
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1	5	18025	8	#0	QPSK		44.17	32.2	PASS
1	5	18025	8	#0	QPSK		41.96	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		46.25	29.2	PASS
1	5	18025	8	#0	QPSK		46.59	32.2	PASS
1	5	18025	8	#0	QPSK		53.57	35.2	PASS

1	5	18025	8	#Max	QPSK		53.39	35.2	PASS
1	5	18025	8	#Max	QPSK		47.62	32.2	PASS
1	5	18025	8	#Max	QPSK		47.26	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		41.47	29.2	PASS
1	5	18025	8	#Max	QPSK		43.56	32.2	PASS
1	5	18025	8	#Max	QPSK		53.62	35.2	PASS
1	5	18025	25	#0	QPSK		50.10	35.2	PASS
1	5	18025	25	#0	QPSK		42.53	32.2	PASS
1	5	18025	25	#0	QPSK		41.80	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		42.03	29.2	PASS
1	5	18025	25	#0	QPSK		42.73	32.2	PASS
1	5	18025	25	#0	QPSK		49.84	35.2	PASS
1	5	18025	8	#0	QAM16		52.26	35.2	PASS
1	5	18025	8	#0	QAM16		44.22	32.2	PASS
1	5	18025	8	#0	QAM16		42.07	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		46.47	29.2	PASS
1	5	18025	8	#0	QAM16		46.81	32.2	PASS
1	5	18025	8	#0	QAM16		52.57	35.2	PASS
1	5	18025	8	#Max	QAM16		52.41	35.2	PASS
1	5	18025	8	#Max	QAM16		47.84	32.2	PASS
1	5	18025	8	#Max	QAM16		47.45	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		42.15	29.2	PASS
1	5	18025	8	#Max	QAM16		43.94	32.2	PASS
1	5	18025	8	#Max	QAM16		52.62	35.2	PASS
1	5	18025	25	#0	QAM16		49.85	35.2	PASS
1	5	18025	25	#0	QAM16		42.10	32.2	PASS
1	5	18025	25	#0	QAM16		41.31	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		41.34	29.2	PASS
1	5	18025	25	#0	QAM16		42.09	32.2	PASS
1	5	18025	25	#0	QAM16		49.68	35.2	PASS
1	5	18300	8	#0	QPSK		54.37	35.2	PASS
1	5	18300	8	#0	QPSK		37.68	32.2	PASS
1	5	18300	8	#0	QPSK		35.32	29.2	PASS
1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		46.93	29.2	PASS
1	5	18300	8	#0	QPSK		47.24	32.2	PASS
1	5	18300	8	#0	QPSK		54.94	35.2	PASS

1	5	18300	8	#Max	QPSK		54.51	35.2	PASS
1	5	18300	8	#Max	QPSK		46.38	32.2	PASS
1	5	18300	8	#Max	QPSK		46.07	29.2	PASS
1	5	18300	8	#Max	QPSK		0.00	0	PASS
1	5	18300	8	#Max	QPSK		37.73	29.2	PASS
1	5	18300	8	#Max	QPSK		40.12	32.2	PASS
1	5	18300	8	#Max	QPSK		54.65	35.2	PASS
1	5	18300	25	#0	QPSK		49.37	35.2	PASS
1	5	18300	25	#0	QPSK		38.97	32.2	PASS
1	5	18300	25	#0	QPSK		38.33	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		39.36	29.2	PASS
1	5	18300	25	#0	QPSK		40.09	32.2	PASS
1	5	18300	25	#0	QPSK		50.45	35.2	PASS
1	5	18300	8	#0	QAM16		53.46	35.2	PASS
1	5	18300	8	#0	QAM16		39.13	32.2	PASS
1	5	18300	8	#0	QAM16		36.97	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		46.99	29.2	PASS
1	5	18300	8	#0	QAM16		47.31	32.2	PASS
1	5	18300	8	#0	QAM16		53.86	35.2	PASS
1	5	18300	8	#Max	QAM16		53.55	35.2	PASS
1	5	18300	8	#Max	QAM16		46.46	32.2	PASS
1	5	18300	8	#Max	QAM16		46.17	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		39.01	29.2	PASS
1	5	18300	8	#Max	QAM16		41.39	32.2	PASS
1	5	18300	8	#Max	QAM16		53.67	35.2	PASS
1	5	18300	25	#0	QAM16		49.69	35.2	PASS
1	5	18300	25	#0	QAM16		39.13	32.2	PASS
1	5	18300	25	#0	QAM16		38.37	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		39.33	29.2	PASS
1	5	18300	25	#0	QAM16		40.10	32.2	PASS
1	5	18300	25	#0	QAM16		50.51	35.2	PASS
1	5	18575	8	#0	QPSK		53.99	35.2	PASS
1	5	18575	8	#0	QPSK		44.16	32.2	PASS
1	5	18575	8	#0	QPSK		41.94	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS
1	5	18575	8	#0	QPSK		46.81	29.2	PASS
1	5	18575	8	#0	QPSK		47.12	32.2	PASS
1	5	18575	8	#0	QPSK		54.26	35.2	PASS

1	5	18575	8	#Max	QPSK		53.90	35.2	PASS
1	5	18575	8	#Max	QPSK		47.28	32.2	PASS
1	5	18575	8	#Max	QPSK		46.97	29.2	PASS
1	5	18575	8	#Max	QPSK		0.00	0	PASS
1	5	18575	8	#Max	QPSK		41.20	29.2	PASS
1	5	18575	8	#Max	QPSK		43.26	32.2	PASS
1	5	18575	8	#Max	QPSK		54.09	35.2	PASS
1	5	18575	25	#0	QPSK		50.64	35.2	PASS
1	5	18575	25	#0	QPSK		44.52	32.2	PASS
1	5	18575	25	#0	QPSK		43.80	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		43.58	29.2	PASS
1	5	18575	25	#0	QPSK		44.34	32.2	PASS
1	5	18575	25	#0	QPSK		50.85	35.2	PASS
1	5	18575	8	#0	QAM16		52.98	35.2	PASS
1	5	18575	8	#0	QAM16		45.15	32.2	PASS
1	5	18575	8	#0	QAM16		43.44	29.2	PASS
1	5	18575	8	#0	QAM16		0.00	0	PASS
1	5	18575	8	#0	QAM16		47.05	29.2	PASS
1	5	18575	8	#0	QAM16		47.38	32.2	PASS
1	5	18575	8	#0	QAM16		53.24	35.2	PASS
1	5	18575	8	#Max	QAM16		52.87	35.2	PASS
1	5	18575	8	#Max	QAM16		47.33	32.2	PASS
1	5	18575	8	#Max	QAM16		46.98	29.2	PASS
1	5	18575	8	#Max	QAM16		0.00	0	PASS
1	5	18575	8	#Max	QAM16		42.81	29.2	PASS
1	5	18575	8	#Max	QAM16		44.69	32.2	PASS
1	5	18575	8	#Max	QAM16		53.10	35.2	PASS
1	5	18575	25	#0	QAM16		50.12	35.2	PASS
1	5	18575	25	#0	QAM16		43.57	32.2	PASS
1	5	18575	25	#0	QAM16		42.78	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		42.26	29.2	PASS
1	5	18575	25	#0	QAM16		43.10	32.2	PASS
1	5	18575	25	#0	QAM16		50.39	35.2	PASS
1	10	18050	12	#0	QPSK		51.08	35.2	PASS
1	10	18050	12	#0	QPSK		43.38	32.2	PASS
1	10	18050	12	#0	QPSK		42.28	29.2	PASS
1	10	18050	12	#0	QPSK		0.00	0	PASS
1	10	18050	12	#0	QPSK		44.27	29.2	PASS
1	10	18050	12	#0	QPSK		48.85	32.2	PASS
1	10	18050	12	#0	QPSK		48.13	35.2	PASS

1	10	18050	12	#Max	QPSK		49.24	35.2	PASS
1	10	18050	12	#Max	QPSK		49.89	32.2	PASS
1	10	18050	12	#Max	QPSK		45.51	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		41.19	29.2	PASS
1	10	18050	12	#Max	QPSK		42.02	32.2	PASS
1	10	18050	12	#Max	QPSK		51.64	35.2	PASS
1	10	18050	50	#0	QPSK		45.48	35.2	PASS
1	10	18050	50	#0	QPSK		43.78	32.2	PASS
1	10	18050	50	#0	QPSK		40.87	29.2	PASS
1	10	18050	50	#0	QPSK		0.00	0	PASS
1	10	18050	50	#0	QPSK		40.76	29.2	PASS
1	10	18050	50	#0	QPSK		43.94	32.2	PASS
1	10	18050	50	#0	QPSK		44.99	35.2	PASS
1	10	18050	12	#0	QAM16		50.14	35.2	PASS
1	10	18050	12	#0	QAM16		43.44	32.2	PASS
1	10	18050	12	#0	QAM16		42.14	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
1	10	18050	12	#0	QAM16		44.09	29.2	PASS
1	10	18050	12	#0	QAM16		48.56	32.2	PASS
1	10	18050	12	#0	QAM16		47.95	35.2	PASS
1	10	18050	12	#Max	QAM16		48.80	35.2	PASS
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1	10	18050	12	#Max	QAM16		45.02	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		41.36	29.2	PASS
1	10	18050	12	#Max	QAM16		42.42	32.2	PASS
1	10	18050	12	#Max	QAM16		50.68	35.2	PASS
1	10	18050	50	#0	QAM16		45.51	35.2	PASS
1	10	18050	50	#0	QAM16		43.02	32.2	PASS
1	10	18050	50	#0	QAM16		40.33	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		40.11	29.2	PASS
1	10	18050	50	#0	QAM16		42.93	32.2	PASS
1	10	18050	50	#0	QAM16		45.04	35.2	PASS
1	10	18300	12	#0	QPSK		53.94	35.2	PASS
1	10	18300	12	#0	QPSK		36.79	32.2	PASS
1	10	18300	12	#0	QPSK		36.39	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		45.76	29.2	PASS
1	10	18300	12	#0	QPSK		50.59	32.2	PASS
1	10	18300	12	#0	QPSK		49.40	35.2	PASS

1	10	18300	12	#Max	QPSK		49.70	35.2	PASS
1	10	18300	12	#Max	QPSK		50.43	32.2	PASS
1	10	18300	12	#Max	QPSK		45.85	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		40.65	29.2	PASS
1	10	18300	12	#Max	QPSK		41.20	32.2	PASS
1	10	18300	12	#Max	QPSK		54.35	35.2	PASS
1	10	18300	50	#0	QPSK		41.92	35.2	PASS
1	10	18300	50	#0	QPSK		40.80	32.2	PASS
1	10	18300	50	#0	QPSK		37.72	29.2	PASS
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1	10	18300	50	#0	QPSK		39.56	29.2	PASS
1	10	18300	50	#0	QPSK		42.58	32.2	PASS
1	10	18300	50	#0	QPSK		44.01	35.2	PASS
1	10	18300	12	#0	QAM16		53.01	35.2	PASS
1	10	18300	12	#0	QAM16		38.65	32.2	PASS
1	10	18300	12	#0	QAM16		38.08	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		45.90	29.2	PASS
1	10	18300	12	#0	QAM16		50.53	32.2	PASS
1	10	18300	12	#0	QAM16		49.85	35.2	PASS
1	10	18300	12	#Max	QAM16		49.54	35.2	PASS
1	10	18300	12	#Max	QAM16		50.55	32.2	PASS
1	10	18300	12	#Max	QAM16		45.80	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		41.46	29.2	PASS
1	10	18300	12	#Max	QAM16		42.28	32.2	PASS
1	10	18300	12	#Max	QAM16		53.49	35.2	PASS
1	10	18300	50	#0	QAM16		42.69	35.2	PASS
1	10	18300	50	#0	QAM16		40.29	32.2	PASS
1	10	18300	50	#0	QAM16		37.61	29.2	PASS
1	10	18300	50	#0	QAM16		0.00	0	PASS
1	10	18300	50	#0	QAM16		39.24	29.2	PASS
1	10	18300	50	#0	QAM16		41.74	32.2	PASS
1	10	18300	50	#0	QAM16		44.67	35.2	PASS
1	10	18550	12	#0	QPSK		53.54	35.2	PASS
1	10	18550	12	#0	QPSK		44.26	32.2	PASS
1	10	18550	12	#0	QPSK		43.39	29.2	PASS
1	10	18550	12	#0	QPSK		0.00	0	PASS
1	10	18550	12	#0	QPSK		45.82	29.2	PASS
1	10	18550	12	#0	QPSK		50.52	32.2	PASS
1	10	18550	12	#0	QPSK		49.71	35.2	PASS

1	10	18550	12	#Max	QPSK		49.94	35.2	PASS
1	10	18550	12	#Max	QPSK		50.65	32.2	PASS
1	10	18550	12	#Max	QPSK		46.07	29.2	PASS
1	10	18550	12	#Max	QPSK		0.00	0	PASS
1	10	18550	12	#Max	QPSK		43.29	29.2	PASS
1	10	18550	12	#Max	QPSK		44.06	32.2	PASS
1	10	18550	12	#Max	QPSK		53.95	35.2	PASS
1	10	18550	50	#0	QPSK		47.61	35.2	PASS
1	10	18550	50	#0	QPSK		46.74	32.2	PASS
1	10	18550	50	#0	QPSK		43.50	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		43.76	29.2	PASS
1	10	18550	50	#0	QPSK		47.07	32.2	PASS
1	10	18550	50	#0	QPSK		47.74	35.2	PASS
1	10	18550	12	#0	QAM16		52.68	35.2	PASS
1	10	18550	12	#0	QAM16		44.58	32.2	PASS
1	10	18550	12	#0	QAM16		43.53	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		45.75	29.2	PASS
1	10	18550	12	#0	QAM16		50.30	32.2	PASS
1	10	18550	12	#0	QAM16		49.69	35.2	PASS
1	10	18550	12	#Max	QAM16		49.90	35.2	PASS
1	10	18550	12	#Max	QAM16		50.51	32.2	PASS
1	10	18550	12	#Max	QAM16		46.05	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		43.54	29.2	PASS
1	10	18550	12	#Max	QAM16		44.48	32.2	PASS
1	10	18550	12	#Max	QAM16		52.95	35.2	PASS
1	10	18550	50	#0	QAM16		47.01	35.2	PASS
1	10	18550	50	#0	QAM16		44.50	32.2	PASS
1	10	18550	50	#0	QAM16		41.88	29.2	PASS
1	10	18550	50	#0	QAM16		0.00	0	PASS
1	10	18550	50	#0	QAM16		42.22	29.2	PASS
1	10	18550	50	#0	QAM16		44.84	32.2	PASS
1	10	18550	50	#0	QAM16		47.38	35.2	PASS
1	20	18100	18	#0	QPSK		51.89	35.2	PASS
1	20	18100	18	#0	QPSK		44.12	32.2	PASS
1	20	18100	18	#0	QPSK		42.97	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		44.24	29.2	PASS
1	20	18100	18	#0	QPSK		52.99	32.2	PASS
1	20	18100	18	#0	QPSK		52.06	35.2	PASS

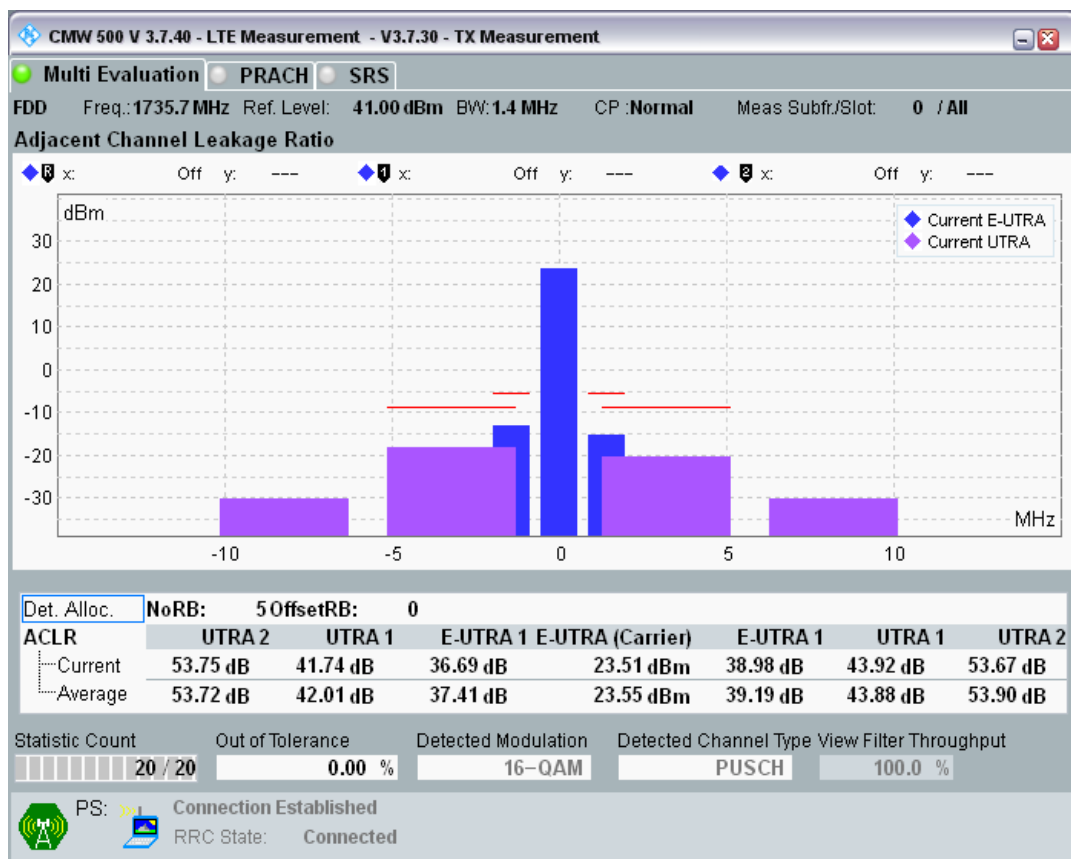


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1	20	18100	18	#Max	QPSK		45.12	29.2	PASS
1	20	18100	18	#Max	QPSK		0.00	0	PASS
1	20	18100	18	#Max	QPSK		40.37	29.2	PASS
1	20	18100	18	#Max	QPSK		40.05	32.2	PASS
1	20	18100	18	#Max	QPSK		52.69	35.2	PASS
1	20	18100	100	#0	QPSK		47.24	35.2	PASS
1	20	18100	100	#0	QPSK		46.07	32.2	PASS
1	20	18100	100	#0	QPSK		40.69	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		40.52	29.2	PASS
1	20	18100	100	#0	QPSK		45.72	32.2	PASS
1	20	18100	100	#0	QPSK		47.46	35.2	PASS
1	20	18100	18	#0	QAM16		50.91	35.2	PASS
1	20	18100	18	#0	QAM16		43.88	32.2	PASS
1	20	18100	18	#0	QAM16		42.46	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.85	29.2	PASS
1	20	18100	18	#0	QAM16		51.95	32.2	PASS
1	20	18100	18	#0	QAM16		51.59	35.2	PASS
1	20	18100	18	#Max	QAM16		50.84	35.2	PASS
1	20	18100	18	#Max	QAM16		51.43	32.2	PASS
1	20	18100	18	#Max	QAM16		44.37	29.2	PASS
1	20	18100	18	#Max	QAM16		0.00	0	PASS
1	20	18100	18	#Max	QAM16		40.84	29.2	PASS
1	20	18100	18	#Max	QAM16		41.07	32.2	PASS
1	20	18100	18	#Max	QAM16		51.72	35.2	PASS
1	20	18100	100	#0	QAM16		45.90	35.2	PASS
1	20	18100	100	#0	QAM16		44.90	32.2	PASS
1	20	18100	100	#0	QAM16		39.92	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
1	20	18100	100	#0	QAM16		39.87	29.2	PASS
1	20	18100	100	#0	QAM16		44.62	32.2	PASS
1	20	18100	100	#0	QAM16		46.36	35.2	PASS
1	20	18300	18	#0	QPSK		52.20	35.2	PASS
1	20	18300	18	#0	QPSK		37.75	32.2	PASS
1	20	18300	18	#0	QPSK		38.55	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		44.60	29.2	PASS
1	20	18300	18	#0	QPSK		53.51	32.2	PASS
1	20	18300	18	#0	QPSK		52.38	35.2	PASS

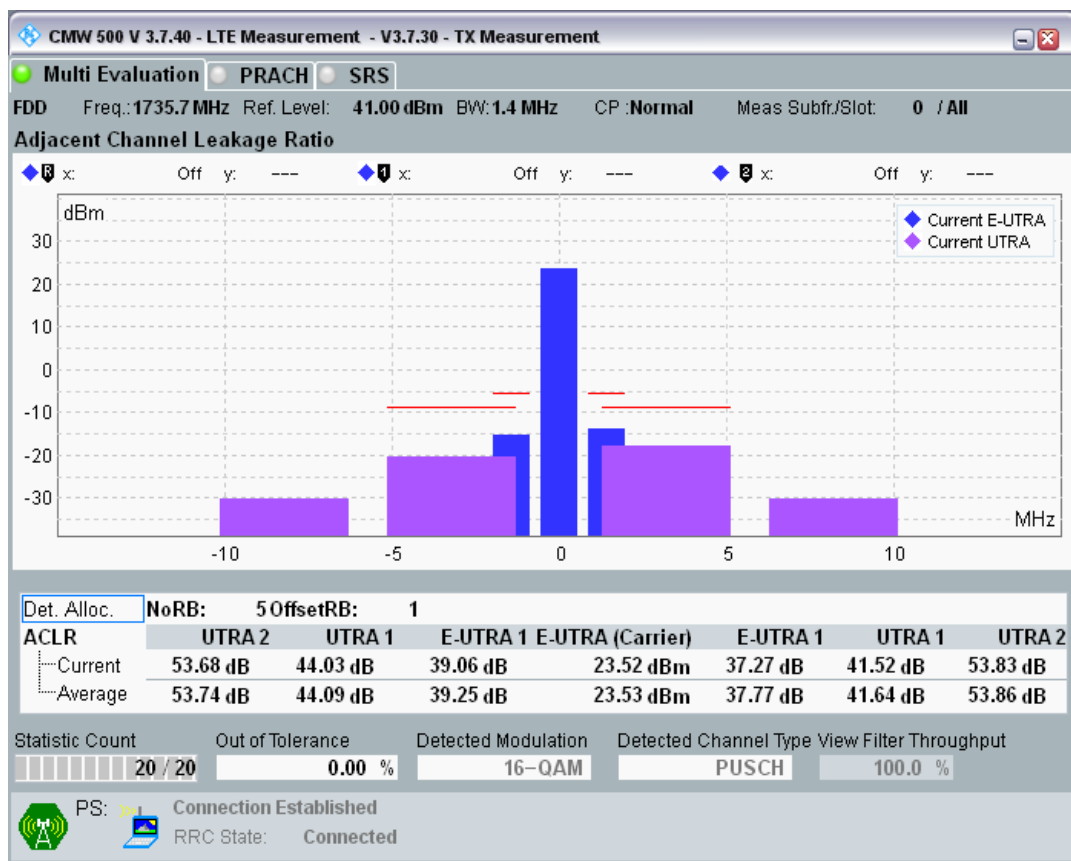
1	20	18300	18	#Max	QPSK		51.49	35.2	PASS
1	20	18300	18	#Max	QPSK		52.75	32.2	PASS
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1	20	18300	18	#Max	QPSK		43.39	29.2	PASS
1	20	18300	18	#Max	QPSK		44.43	32.2	PASS
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1	20	18300	100	#0	QPSK		43.89	35.2	PASS
1	20	18300	100	#0	QPSK		43.17	32.2	PASS
1	20	18300	100	#0	QPSK		37.37	29.2	PASS
1	20	18300	100	#0	QPSK		0.00	0	PASS
1	20	18300	100	#0	QPSK		39.43	29.2	PASS
1	20	18300	100	#0	QPSK		44.96	32.2	PASS
1	20	18300	100	#0	QPSK		45.82	35.2	PASS
1	20	18300	18	#0	QAM16		51.36	35.2	PASS
1	20	18300	18	#0	QAM16		38.77	32.2	PASS
1	20	18300	18	#0	QAM16		39.37	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		44.39	29.2	PASS
1	20	18300	18	#0	QAM16		52.55	32.2	PASS
1	20	18300	18	#0	QAM16		52.02	35.2	PASS
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1	20	18300	18	#Max	QAM16		44.01	29.2	PASS
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1	20	18300	18	#Max	QAM16		43.11	29.2	PASS
1	20	18300	18	#Max	QAM16		44.38	32.2	PASS
1	20	18300	18	#Max	QAM16		51.97	35.2	PASS
1	20	18300	100	#0	QAM16		43.34	35.2	PASS
1	20	18300	100	#0	QAM16		42.27	32.2	PASS
1	20	18300	100	#0	QAM16		37.21	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		39.00	29.2	PASS
1	20	18300	100	#0	QAM16		43.90	32.2	PASS
1	20	18300	100	#0	QAM16		45.09	35.2	PASS
1	20	18500	18	#0	QPSK		52.33	35.2	PASS
1	20	18500	18	#0	QPSK		46.12	32.2	PASS
1	20	18500	18	#0	QPSK		44.16	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		44.61	29.2	PASS
1	20	18500	18	#0	QPSK		53.44	32.2	PASS
1	20	18500	18	#0	QPSK		52.41	35.2	PASS

1	20	18500	18	#Max	QPSK		52.14	35.2	PASS
1	20	18500	18	#Max	QPSK		53.21	32.2	PASS
1	20	18500	18	#Max	QPSK		44.90	29.2	PASS
1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		43.65	29.2	PASS
1	20	18500	18	#Max	QPSK		44.87	32.2	PASS
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1	20	18500	18	#Max	QAM16		51.40	35.2	PASS
1	20	18500	18	#Max	QAM16		52.17	32.2	PASS
1	20	18500	18	#Max	QAM16		44.43	29.2	PASS
1	20	18500	18	#Max	QAM16		0.00	0	PASS
1	20	18500	18	#Max	QAM16		43.10	29.2	PASS
1	20	18500	18	#Max	QAM16		44.51	32.2	PASS
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1	20	18500	100	#0	QAM16		41.53	29.2	PASS
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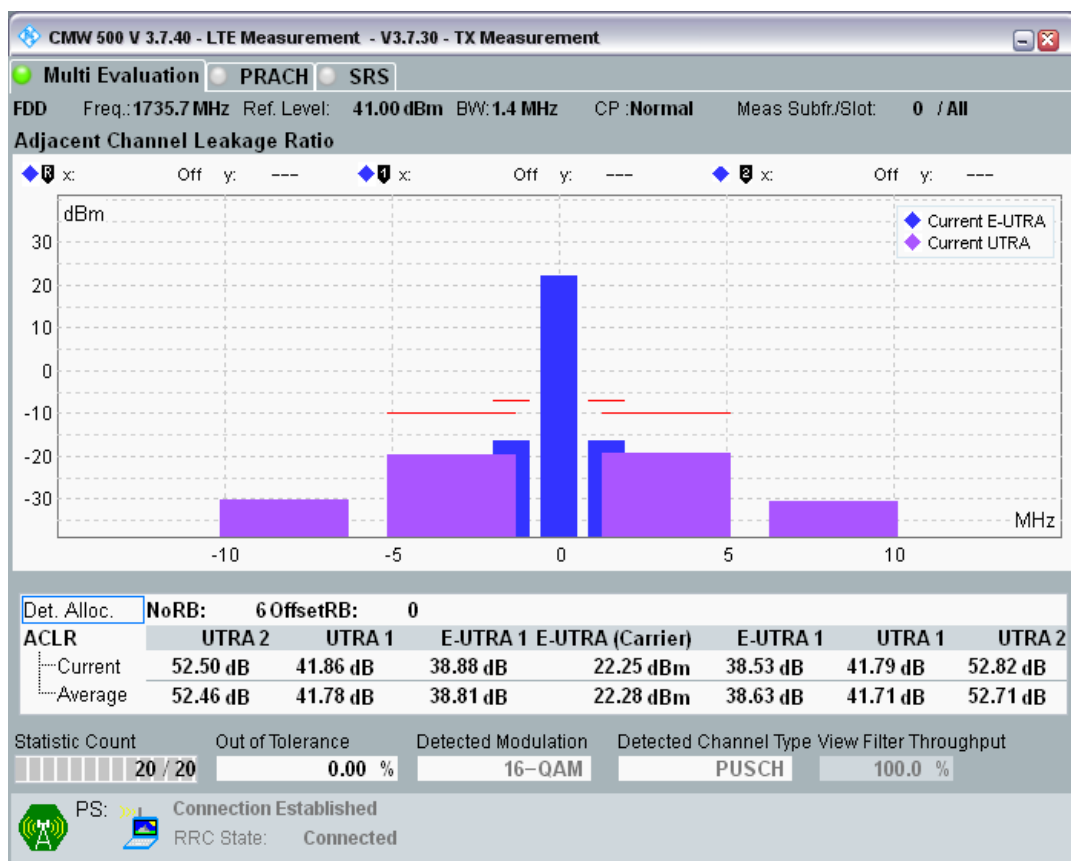
Band3 QAM16 BW=1.4MHz Channel=19457 RB Size=5 Position=#0.png



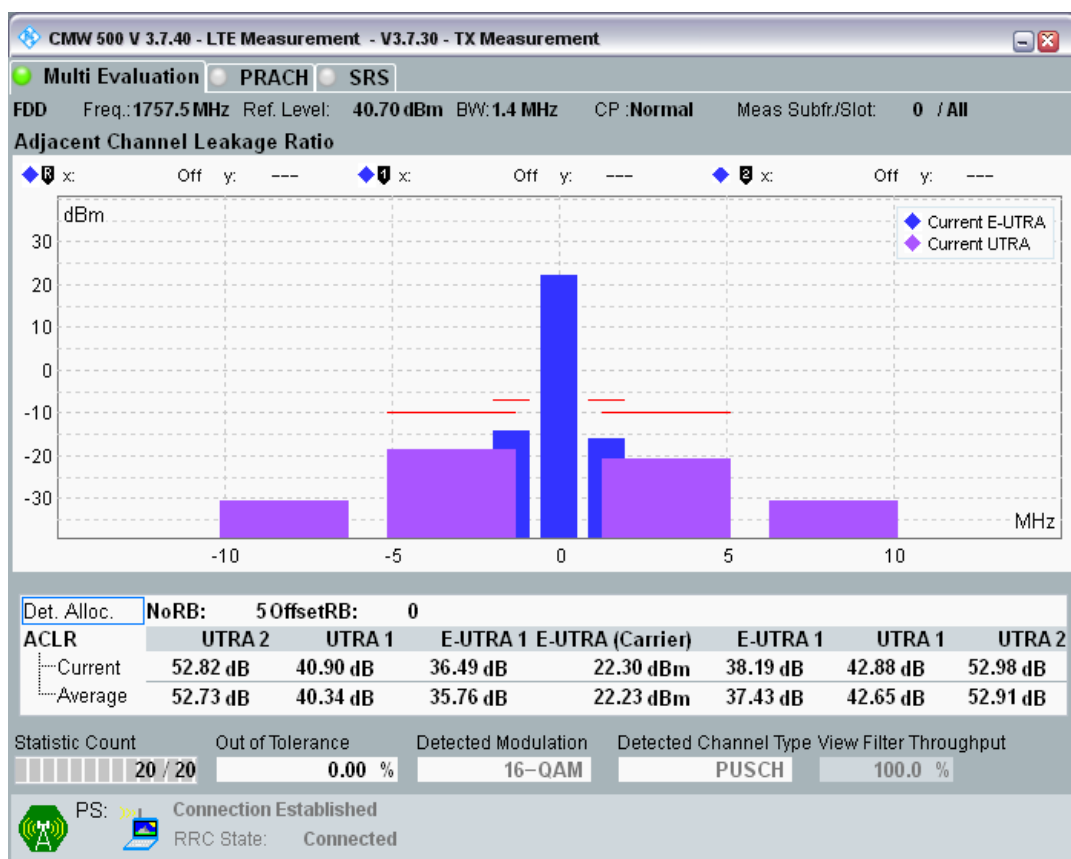
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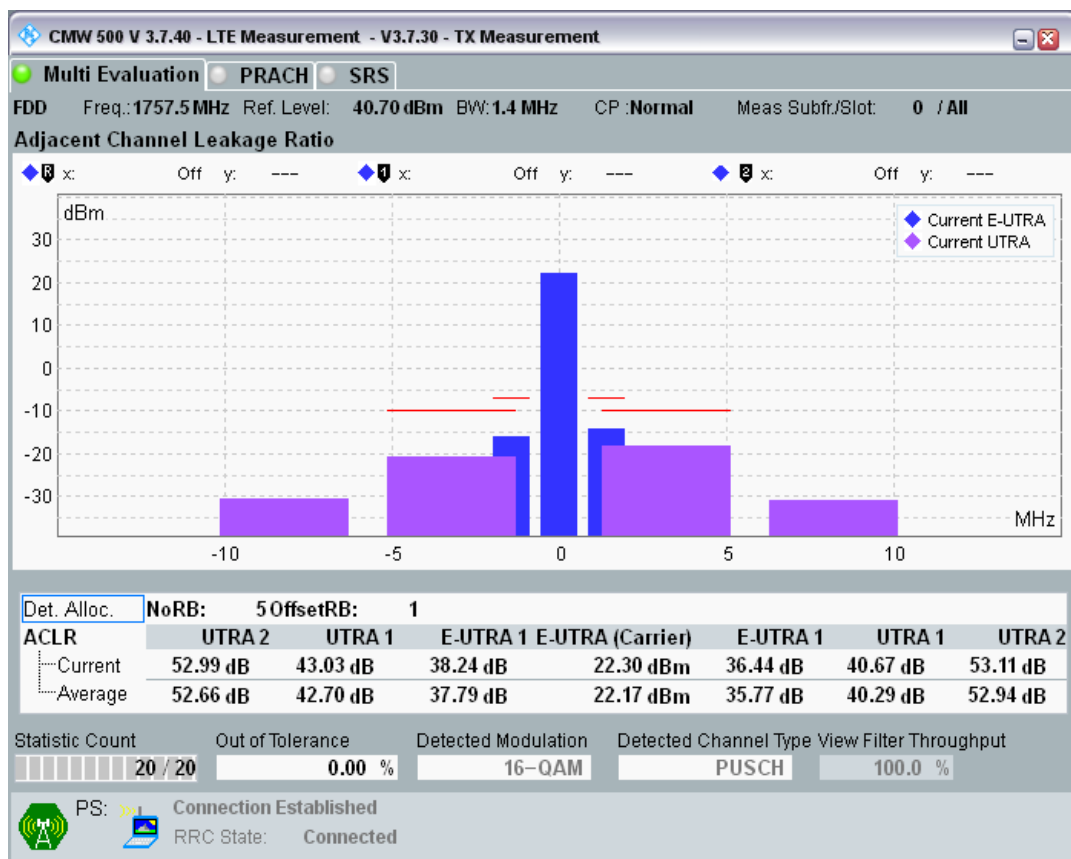
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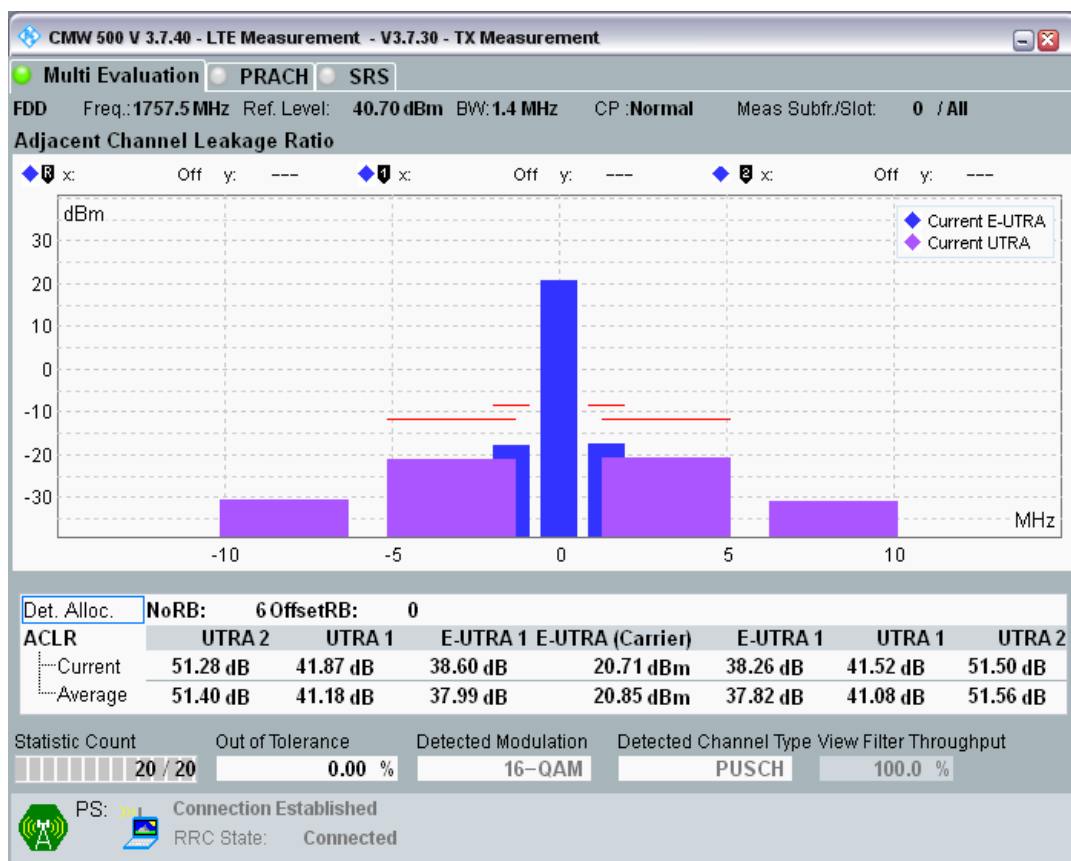
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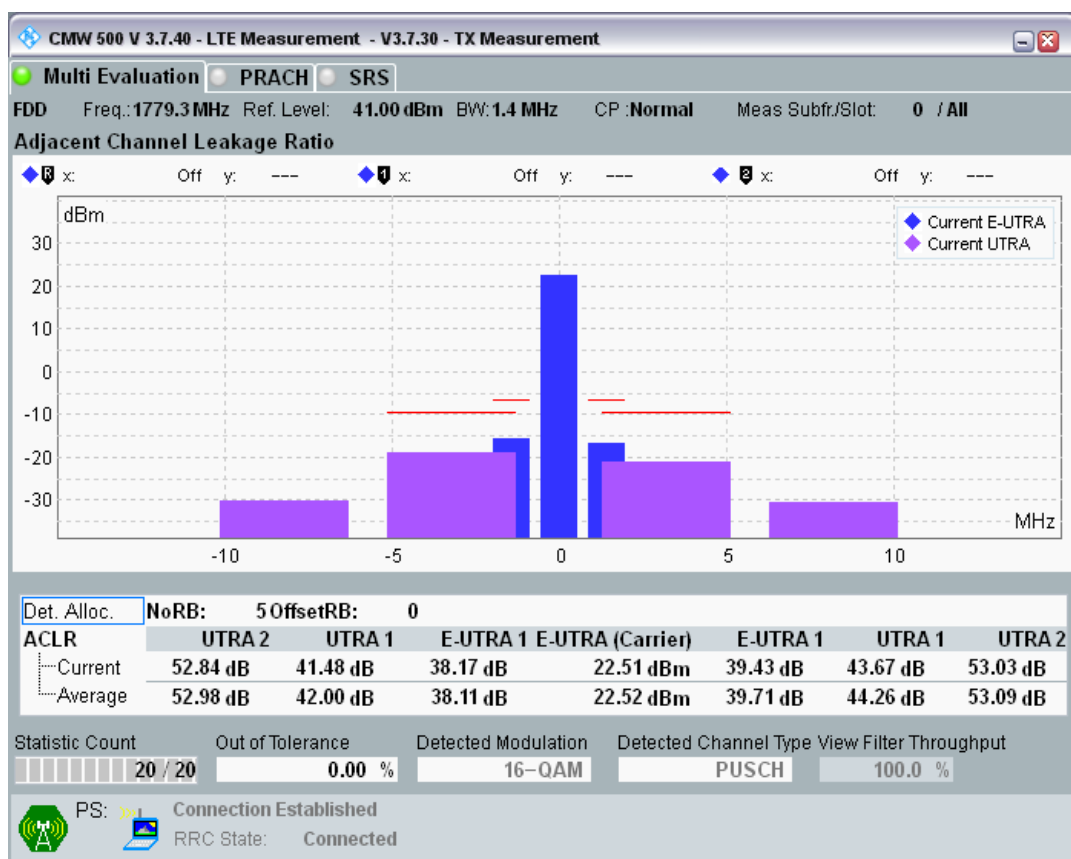
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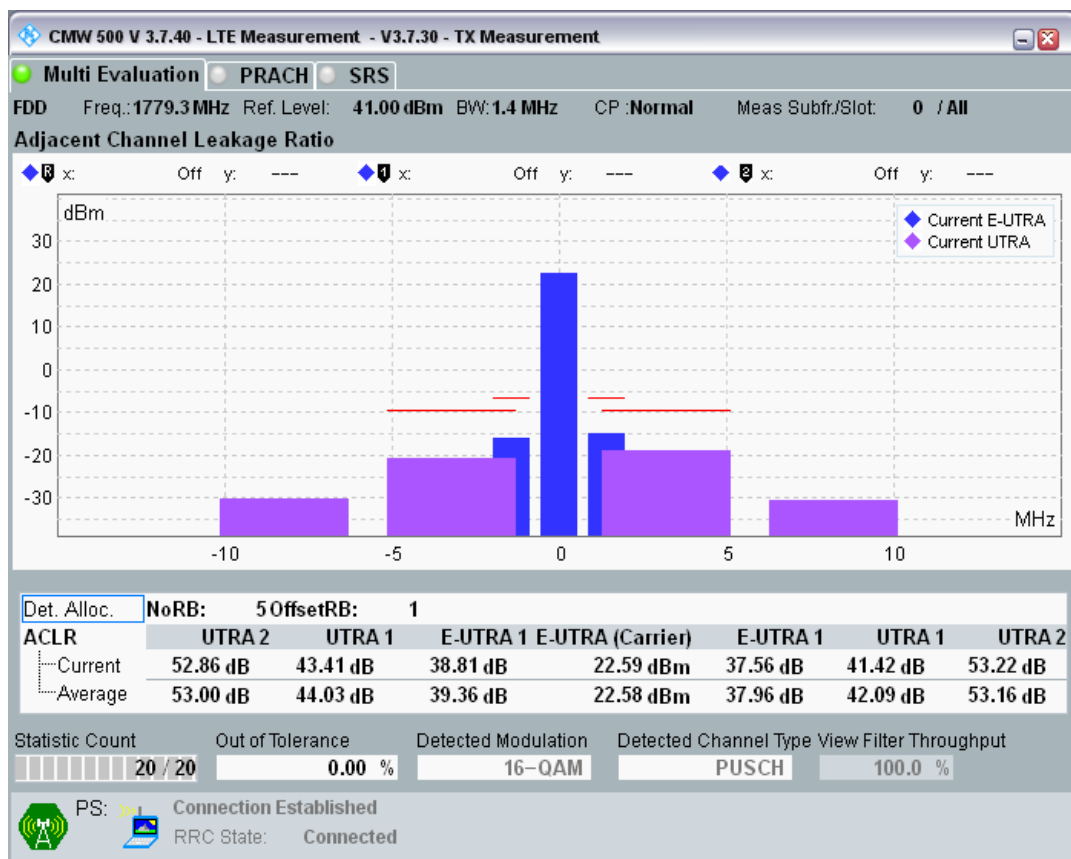
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Band3 QAM16 BW=1.4MHz Channel=19893 RB Size=5 Position=#0.png

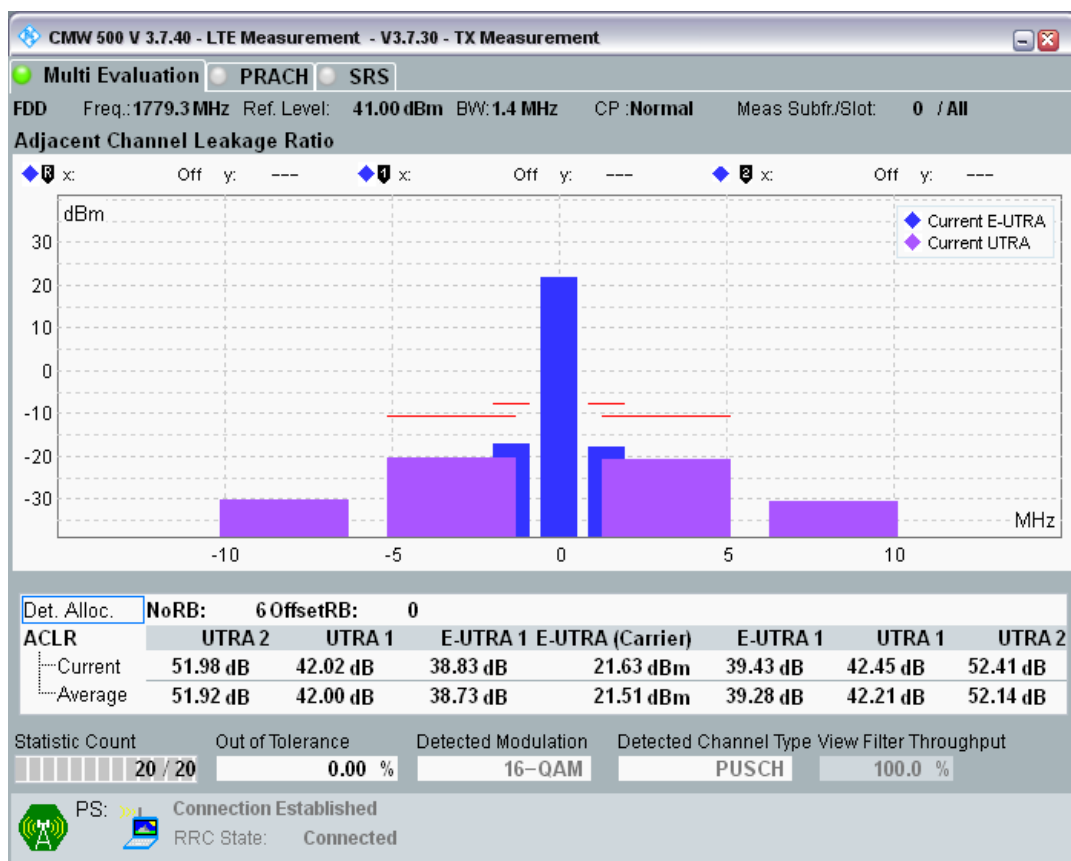


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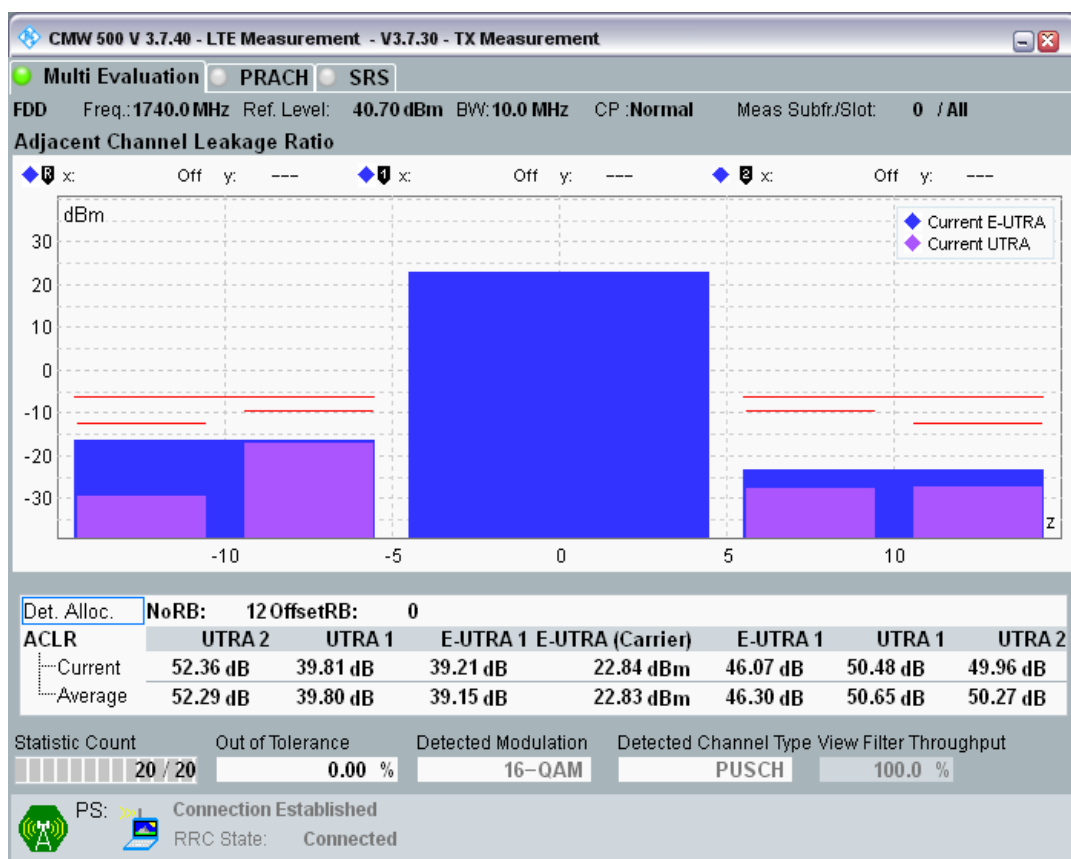




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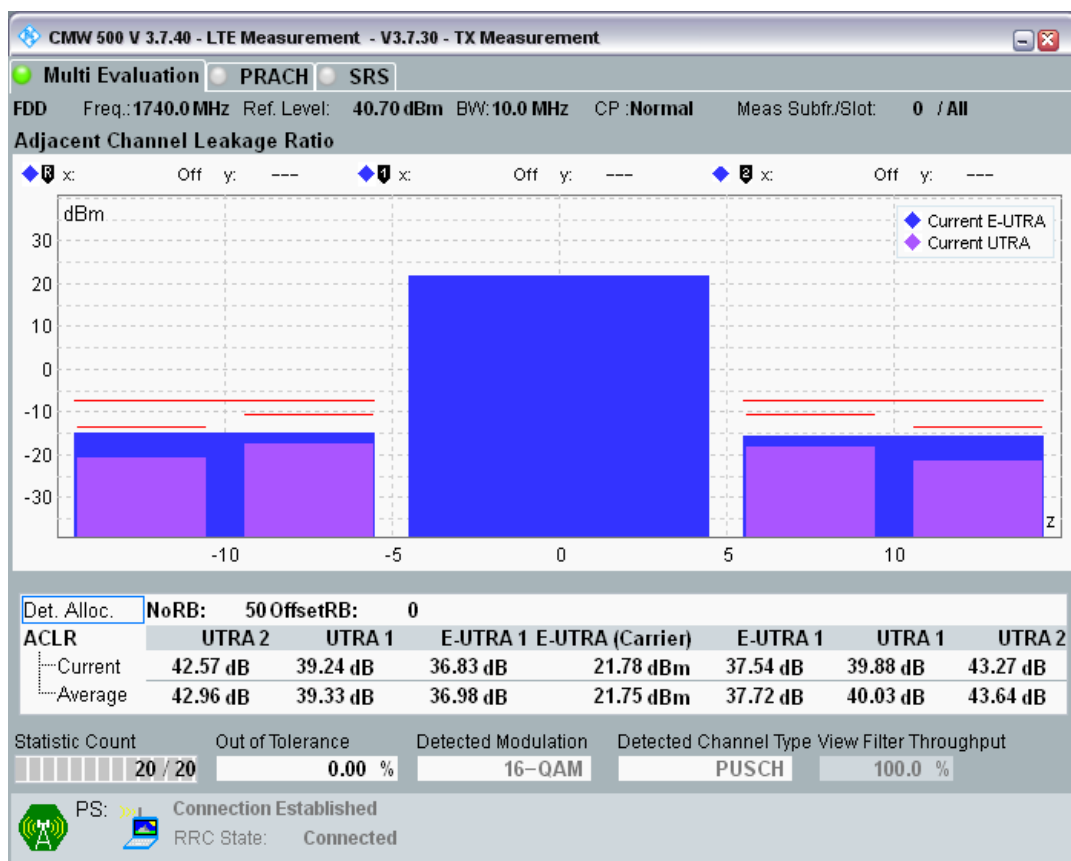
Band3 QAM16 BW=10MHz Channel=19500 RB Size=12 Position=#0.png



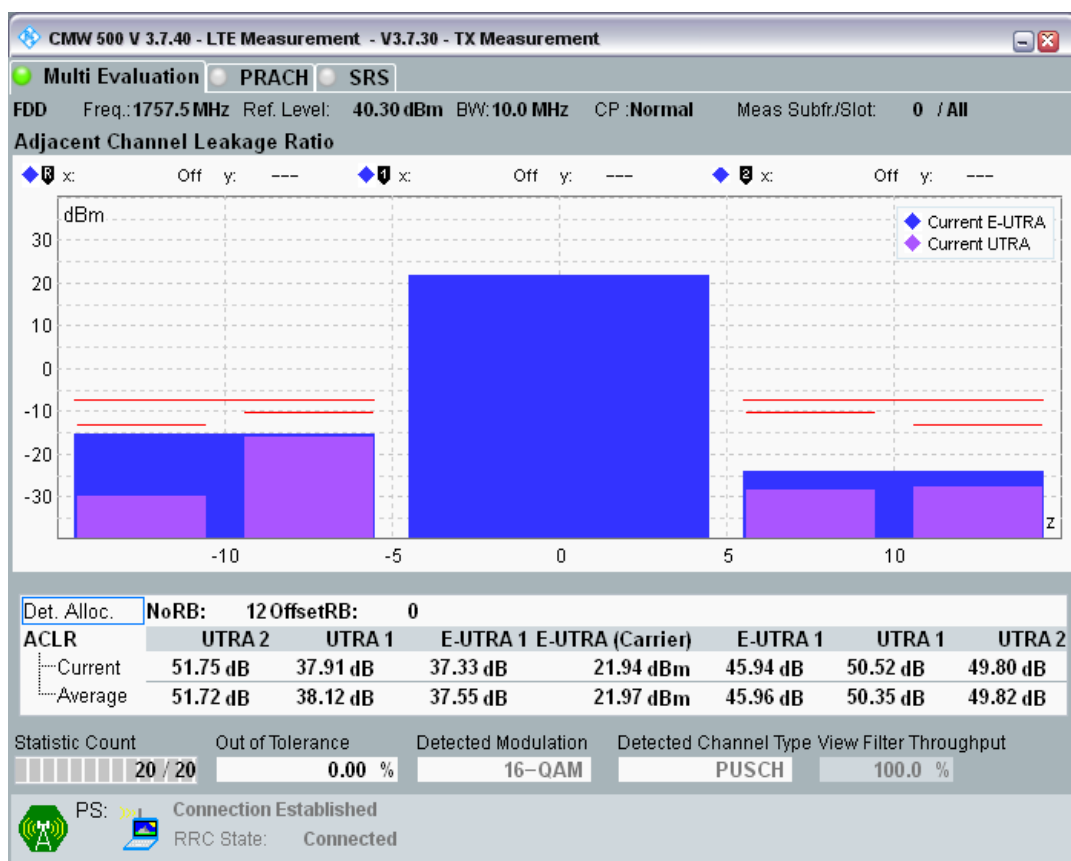
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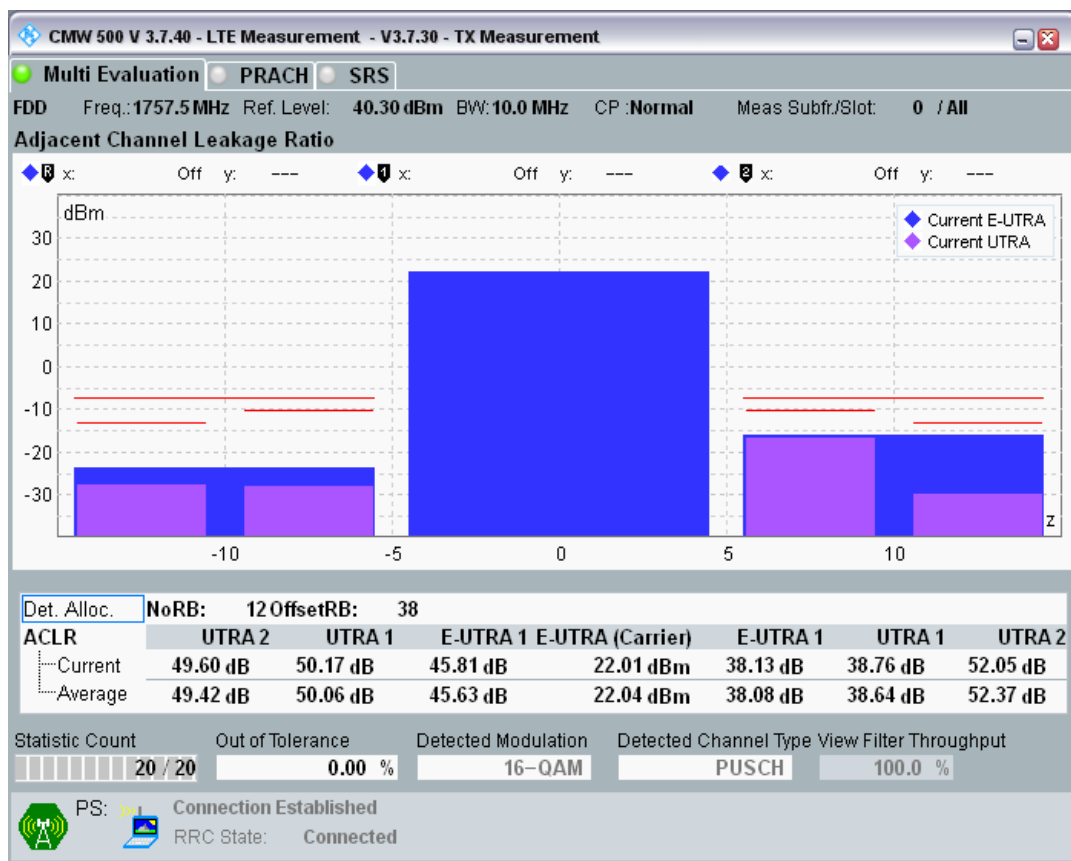
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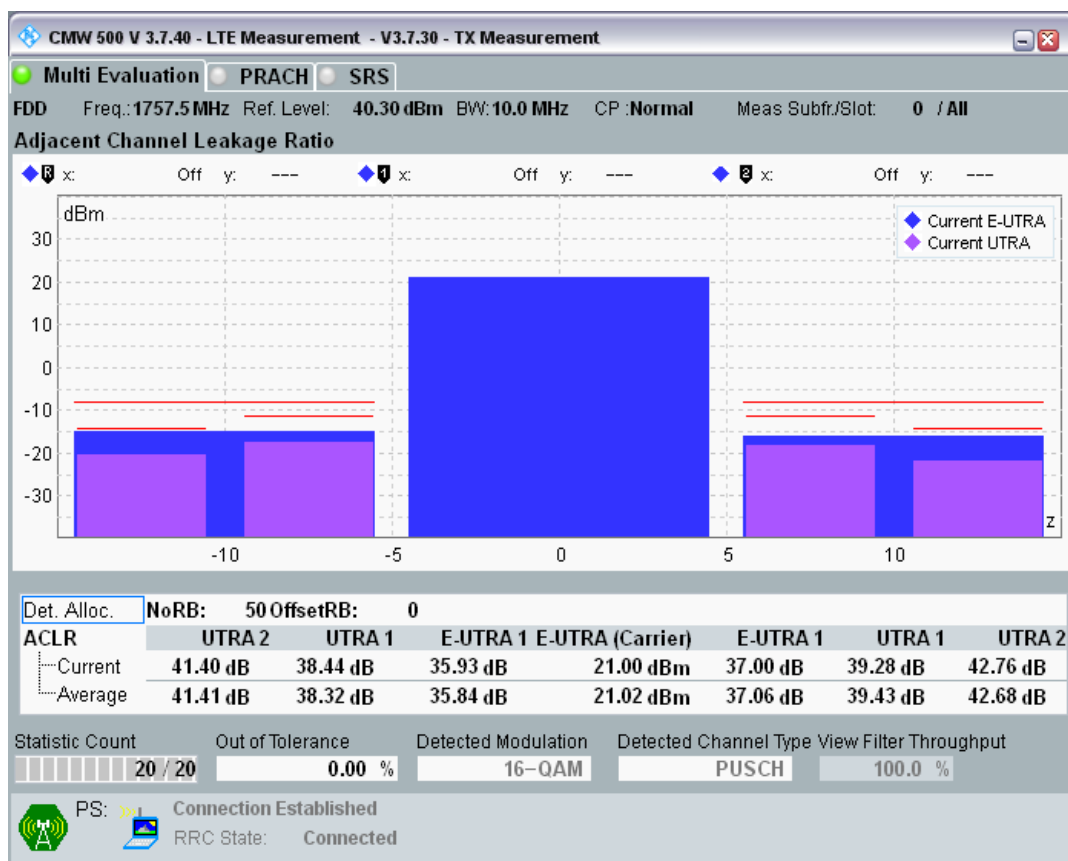
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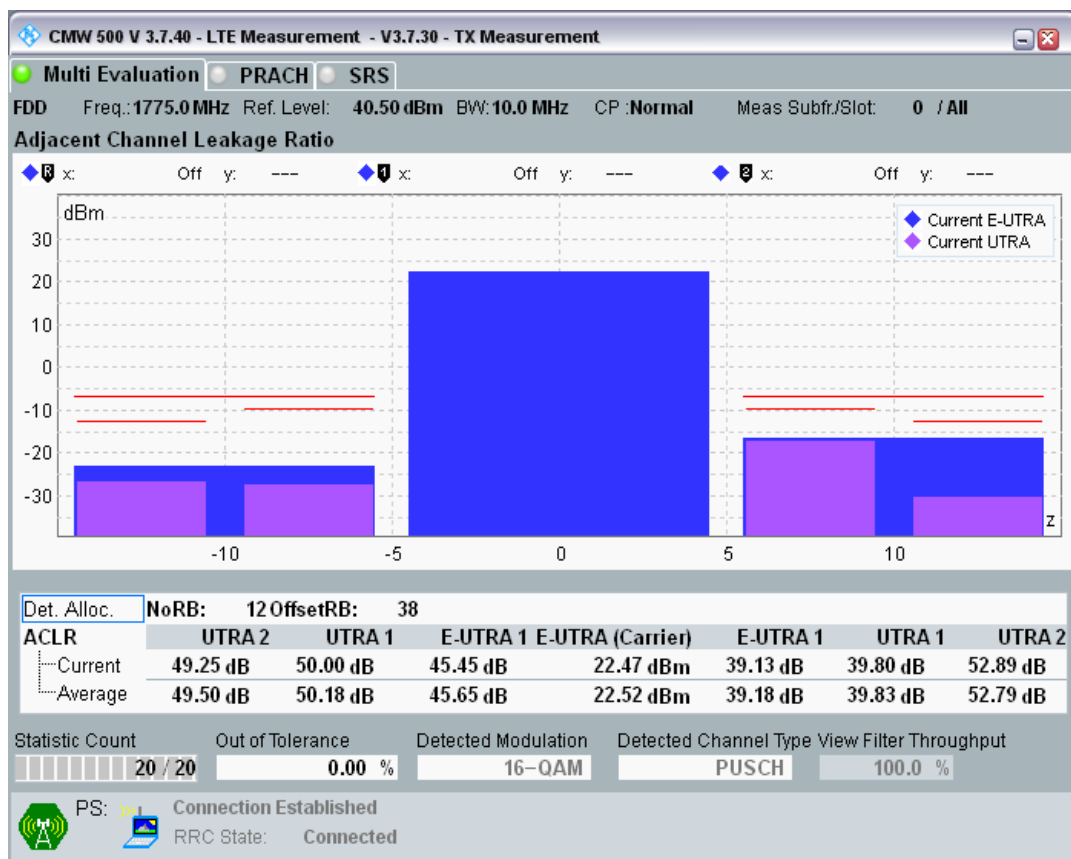
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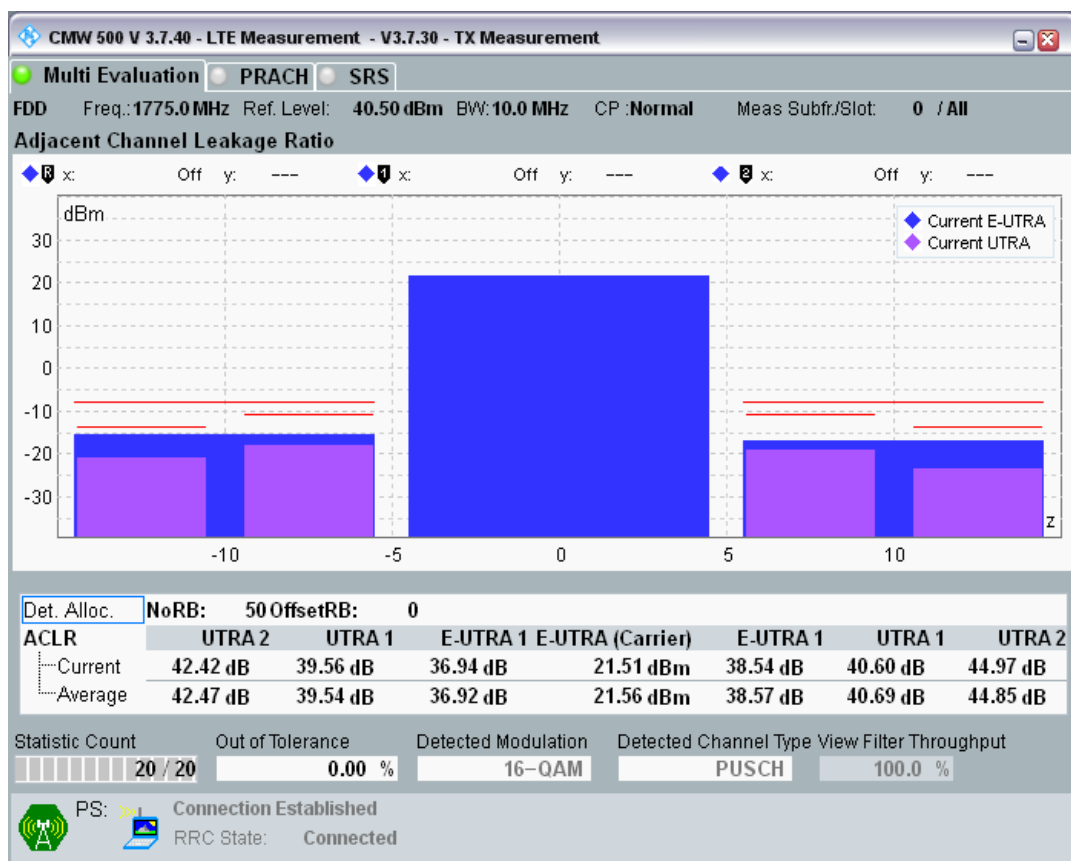
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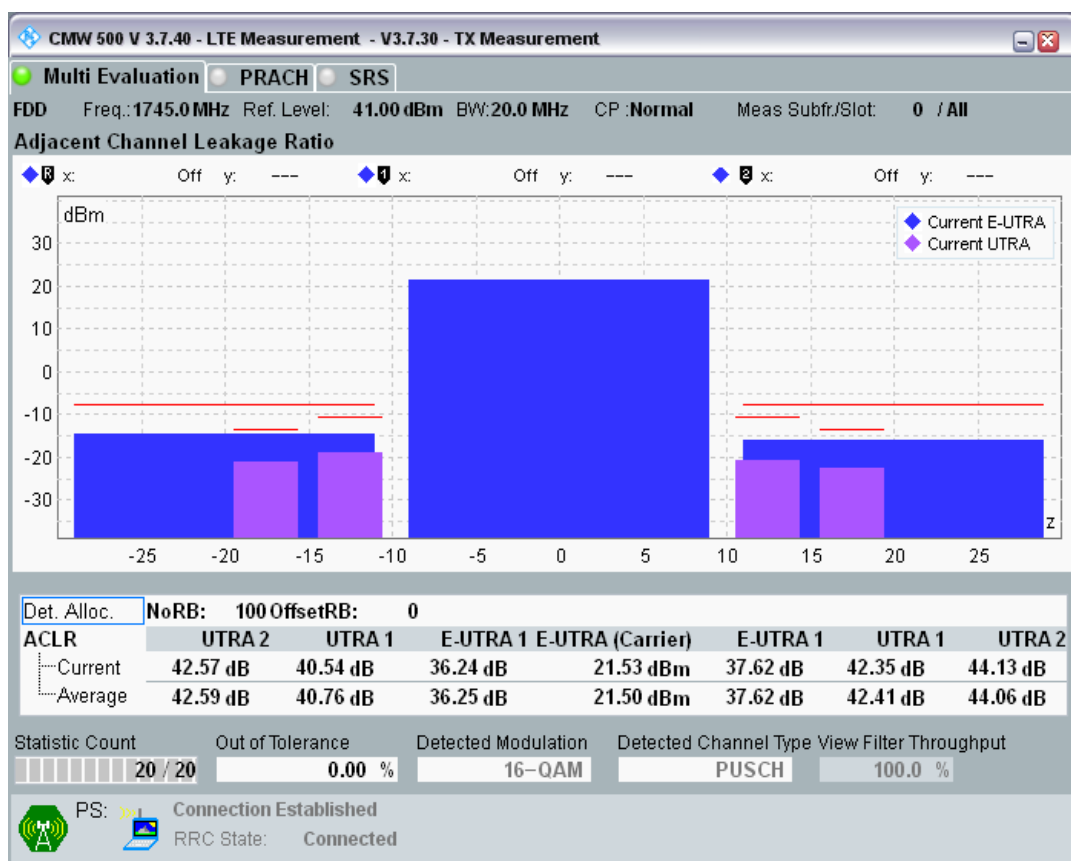
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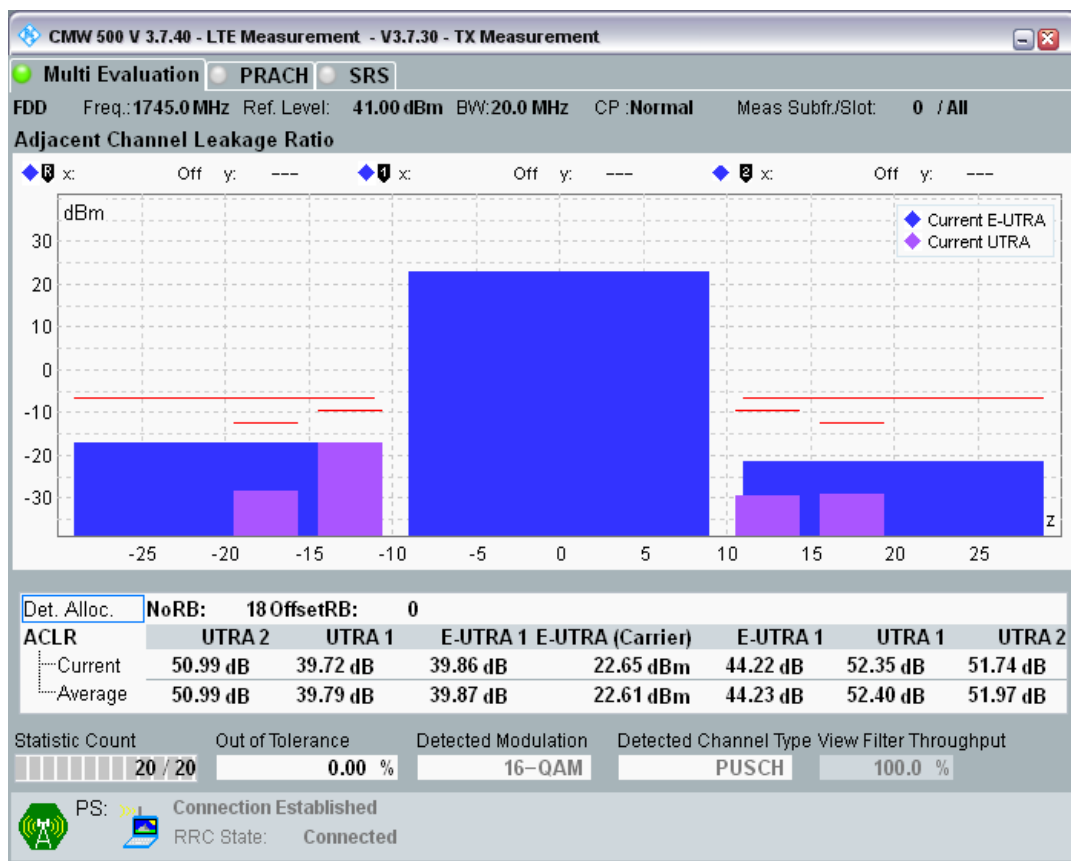
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Band3 QAM16 BW=20MHz Channel=19550 RB Size=100 Position=#0.png

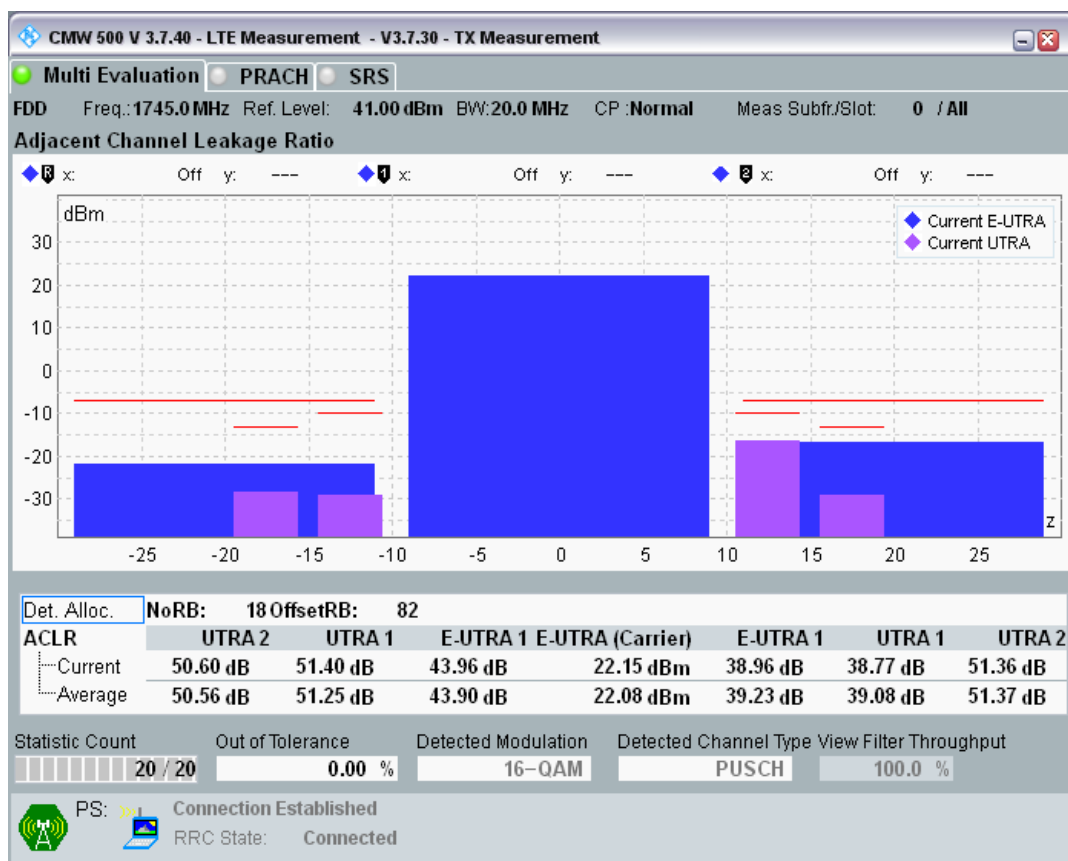


Band3 QAM16 BW=20MHz Channel=19550 RB Size=18 Position=#0.png

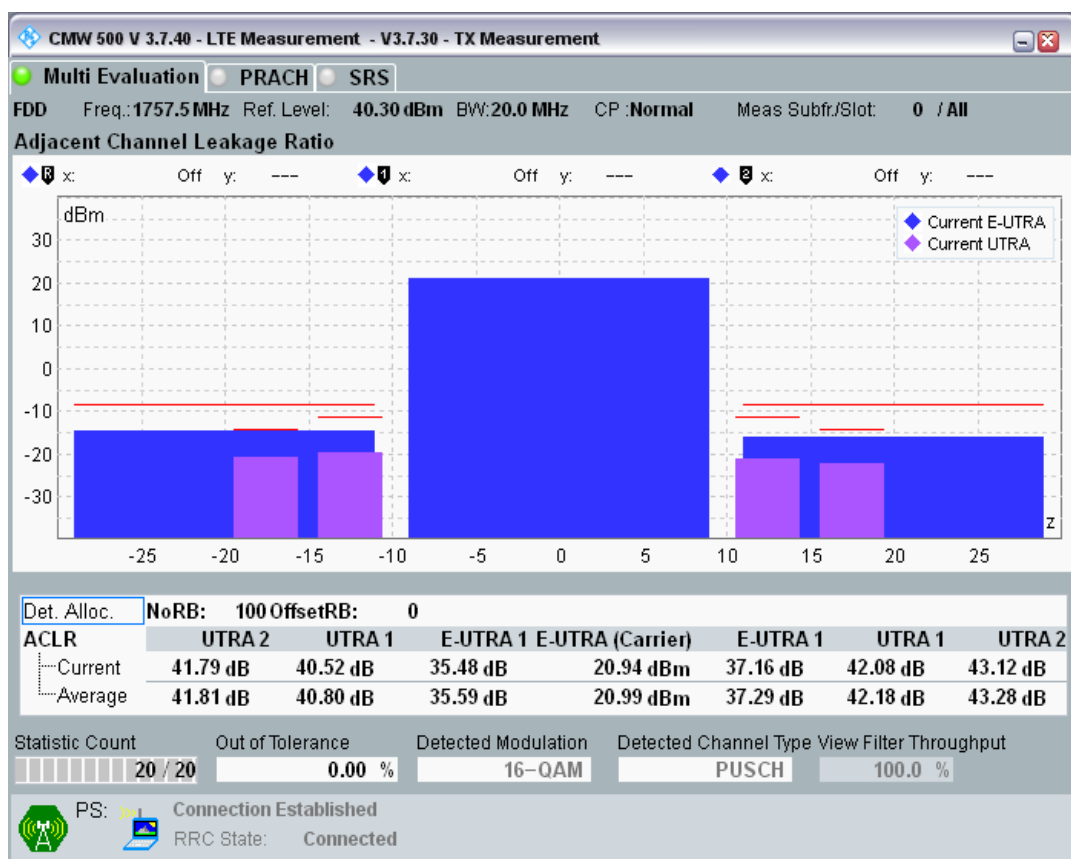




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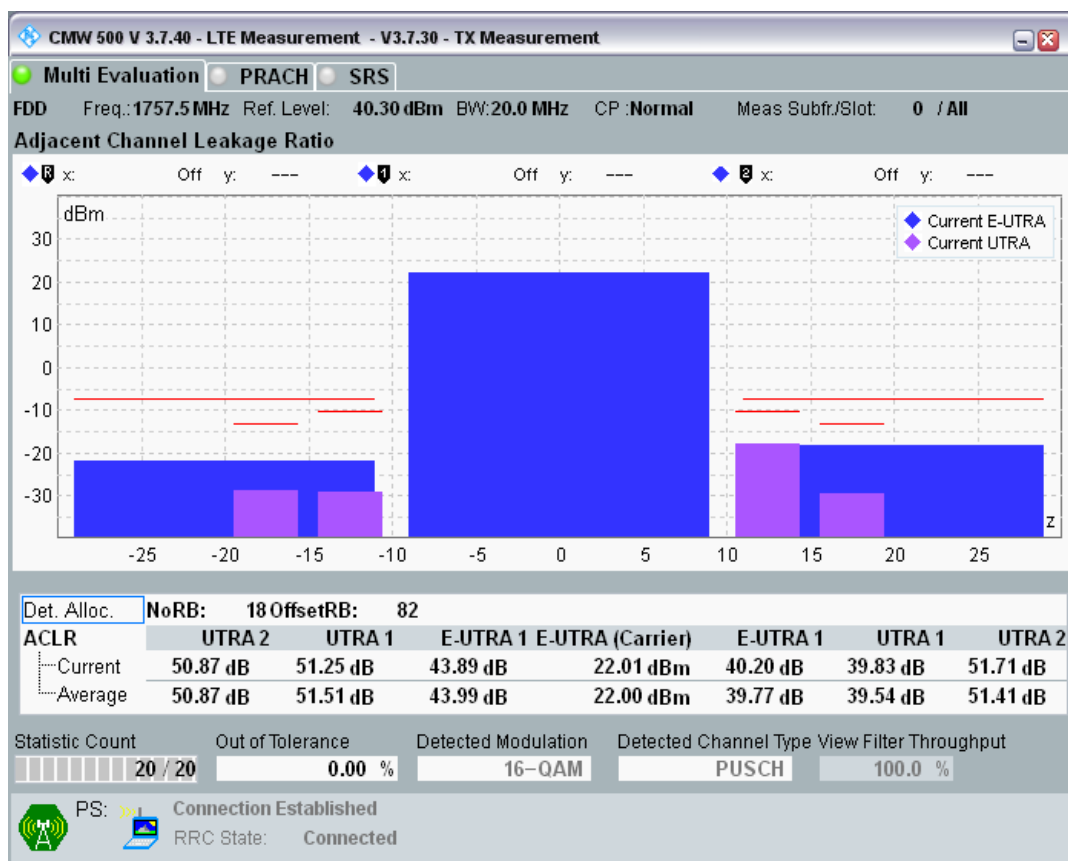
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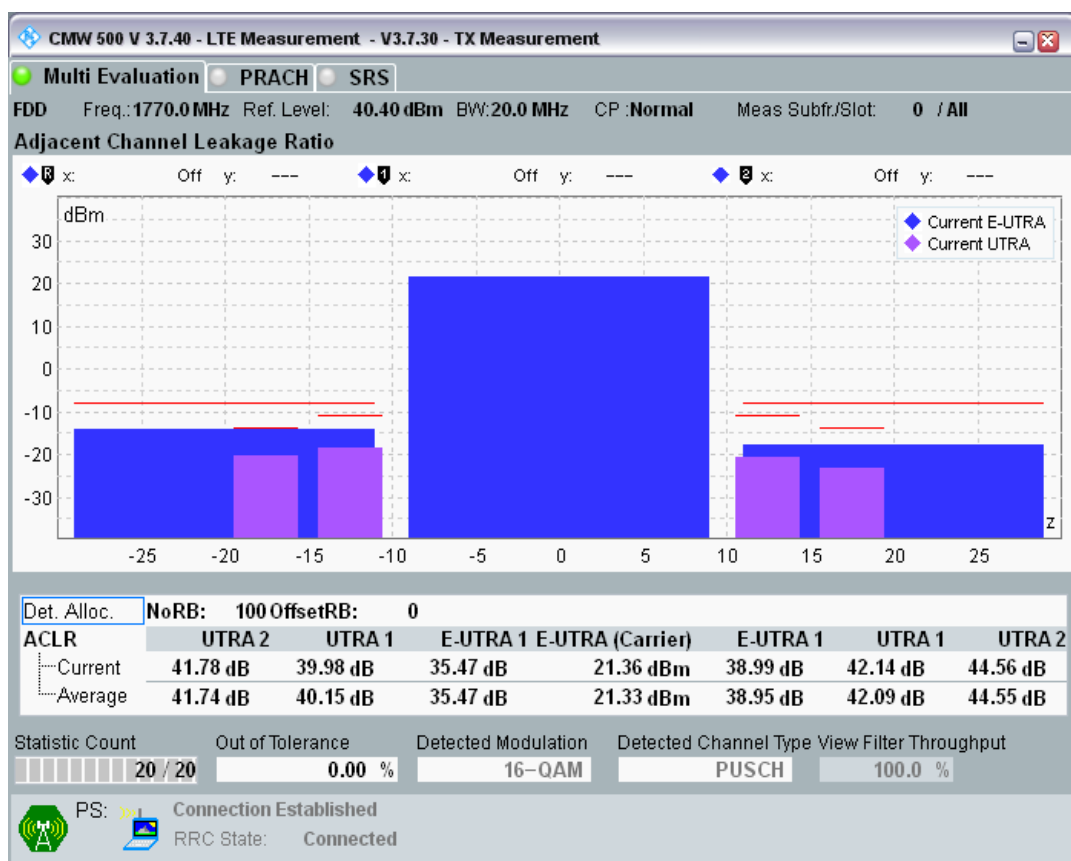
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Band3 QAM16 BW=20MHz Channel=19675 RB Size=18 Position=#Max.png



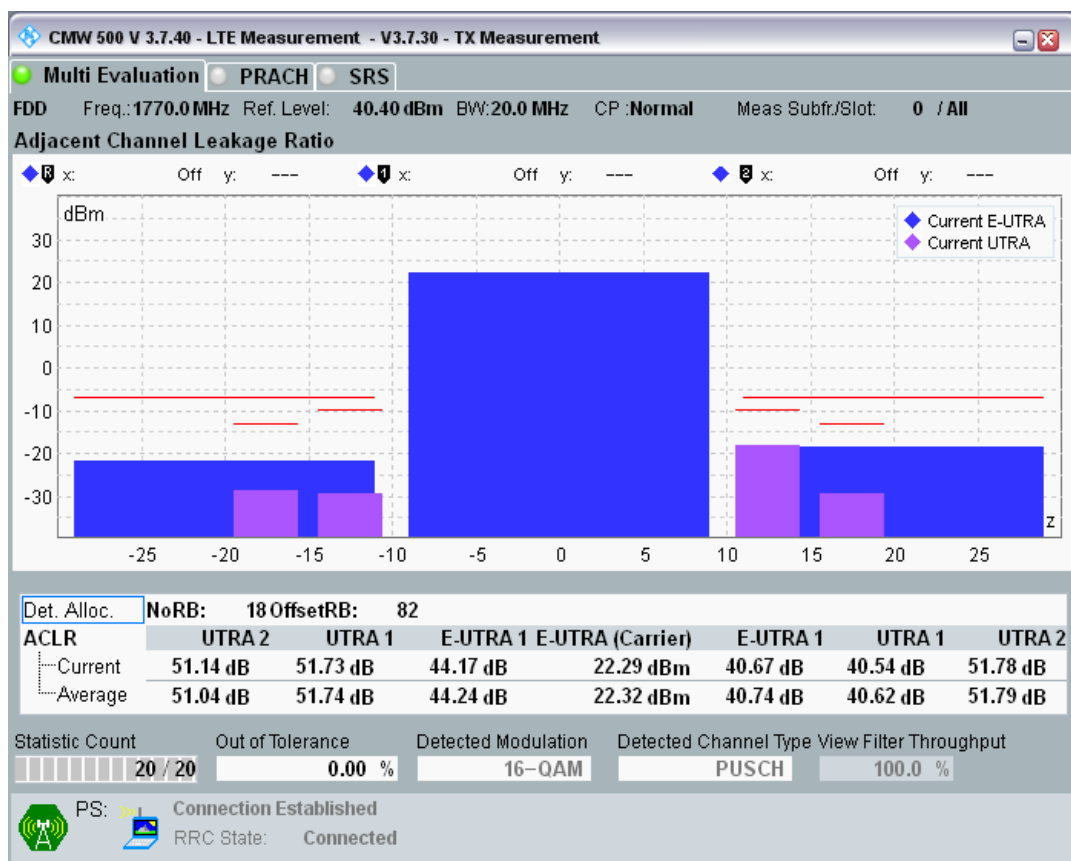
Band3 QAM16 BW=20MHz Channel=19800 RB Size=100 Position=#0.png



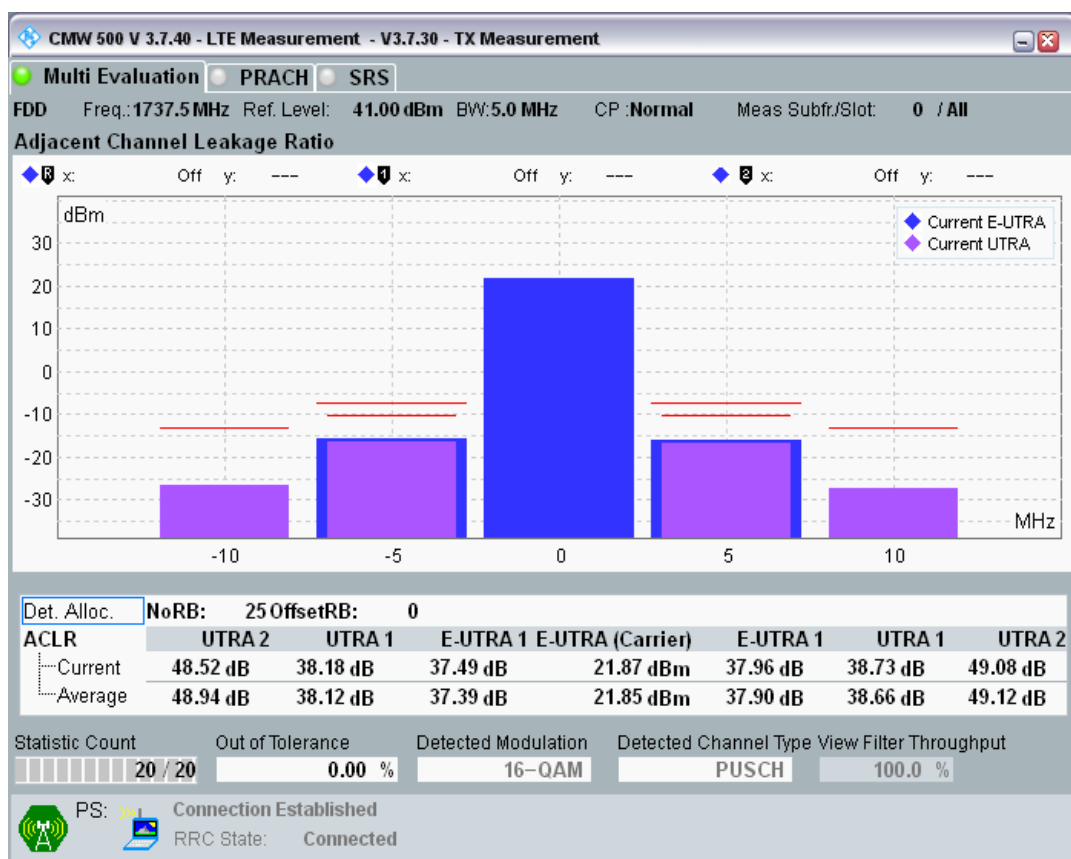
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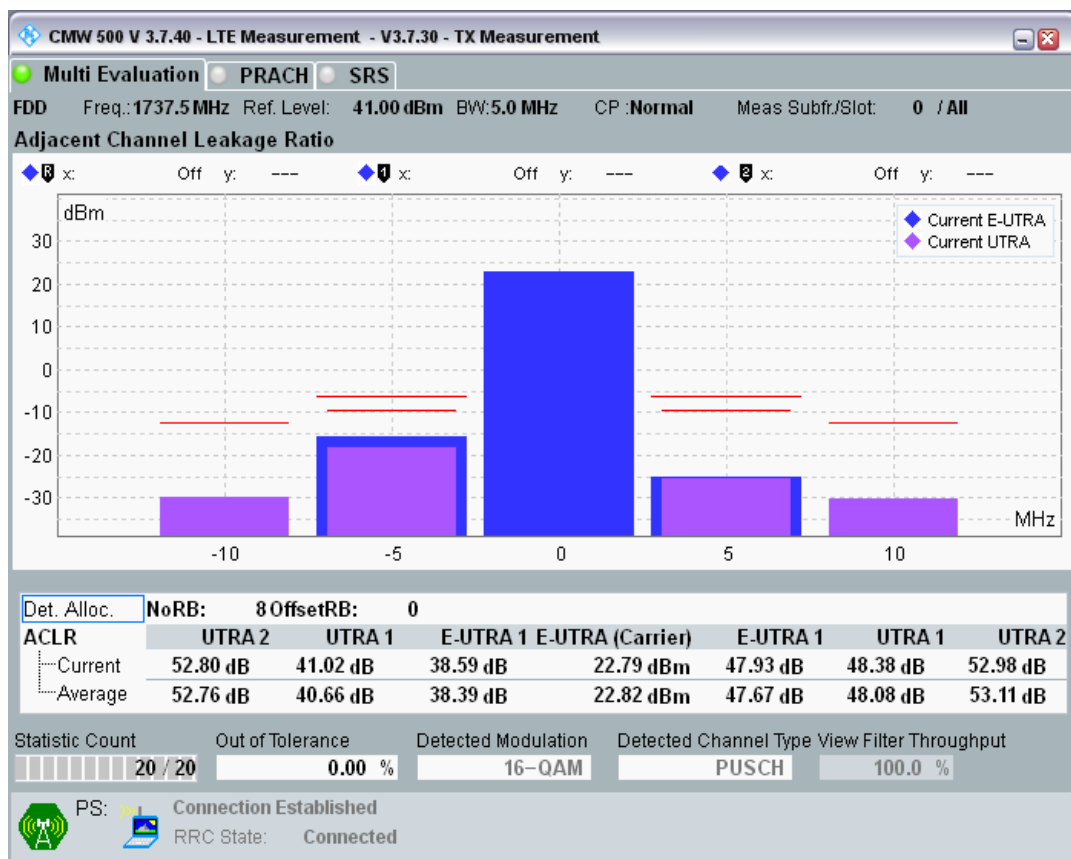
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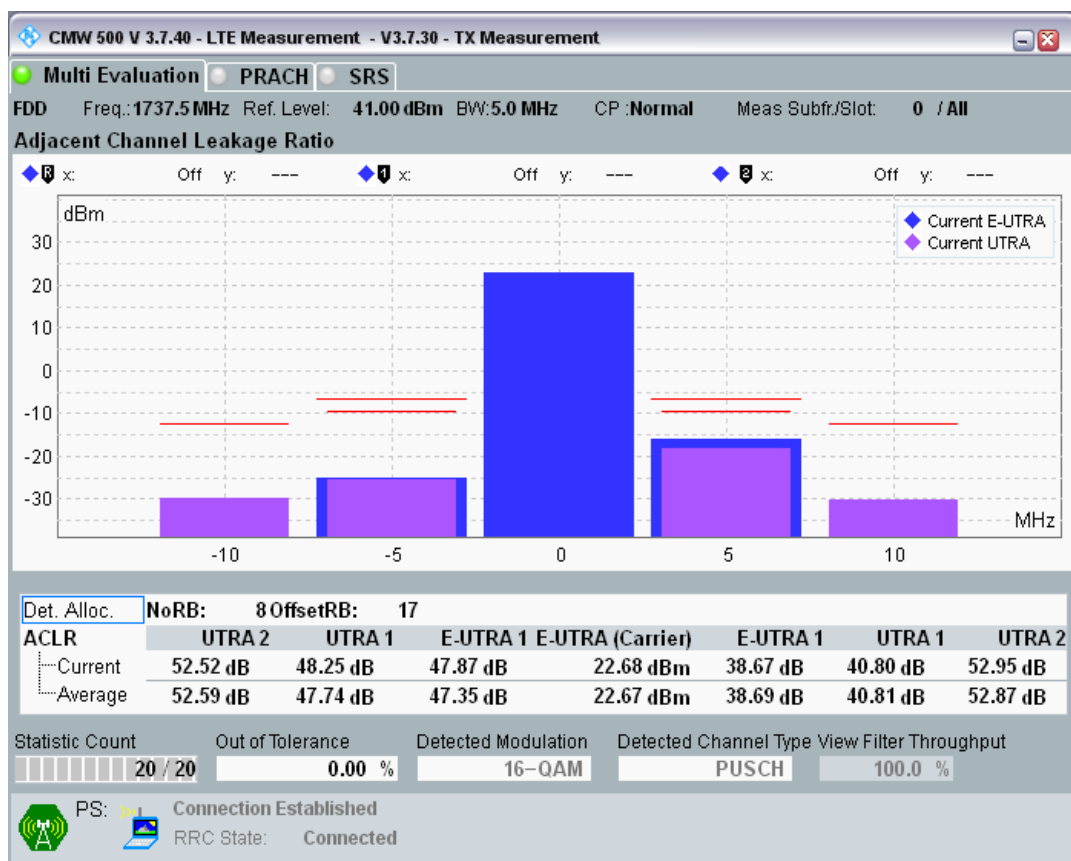
Band3 QAM16 BW=5MHz Channel=19475 RB Size=25 Position=#0.png



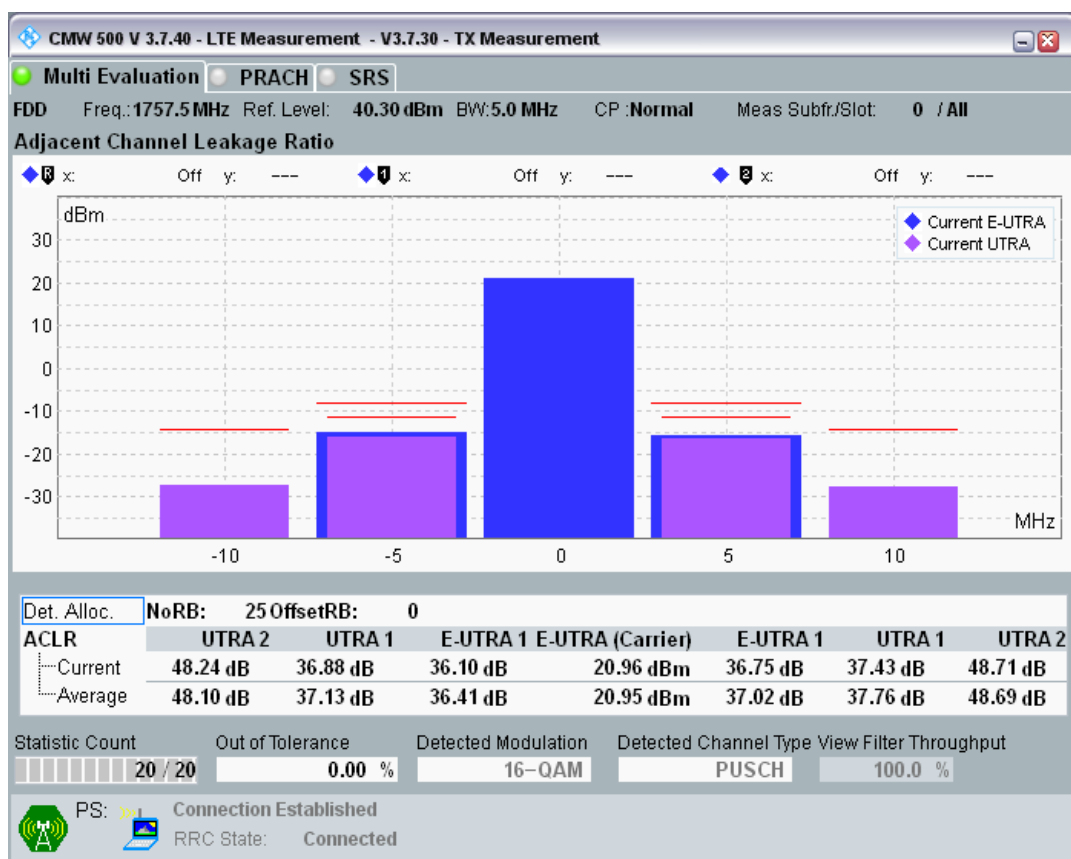
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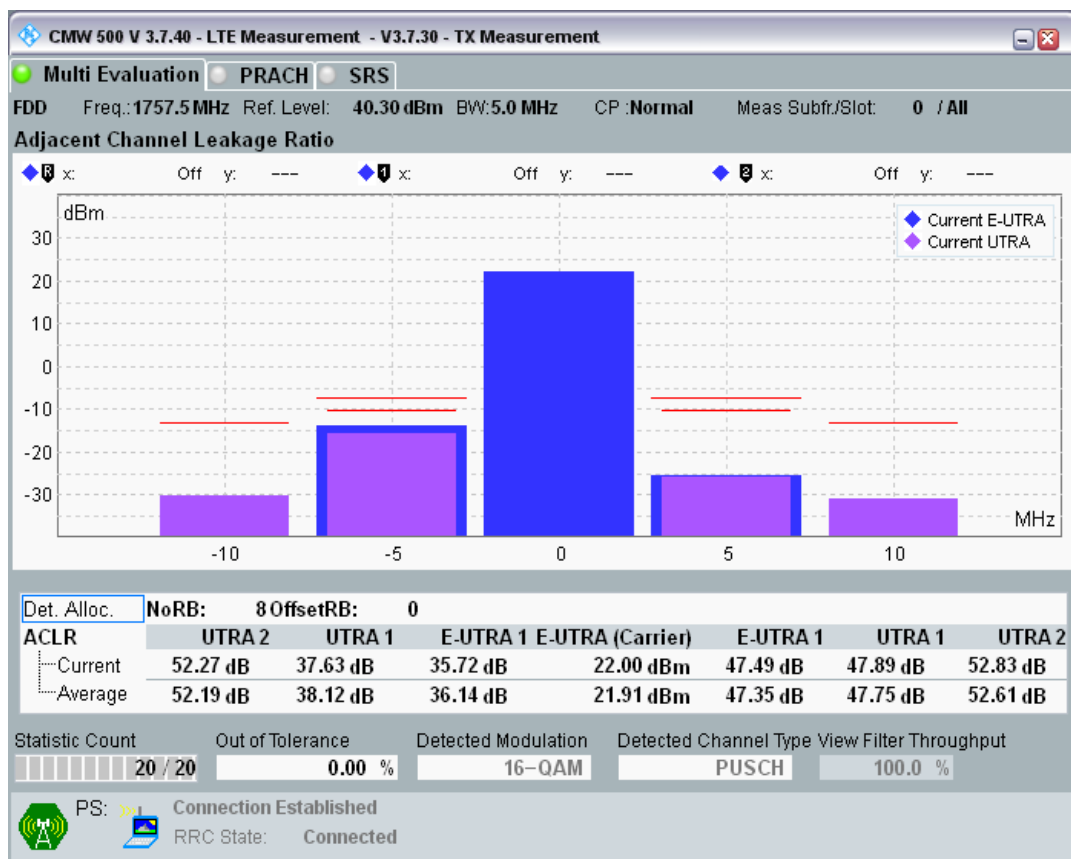
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Band3 QAM16 BW=5MHz Channel=19675 RB Size=25 Position=#0.png

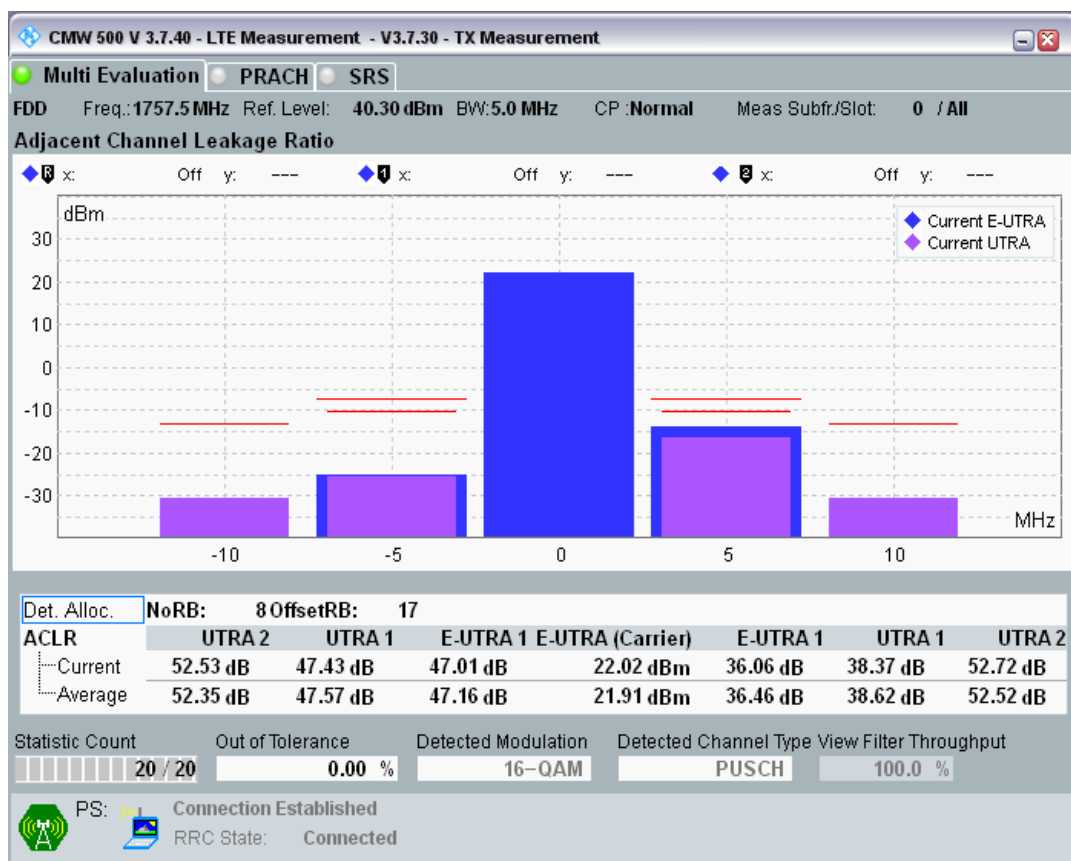


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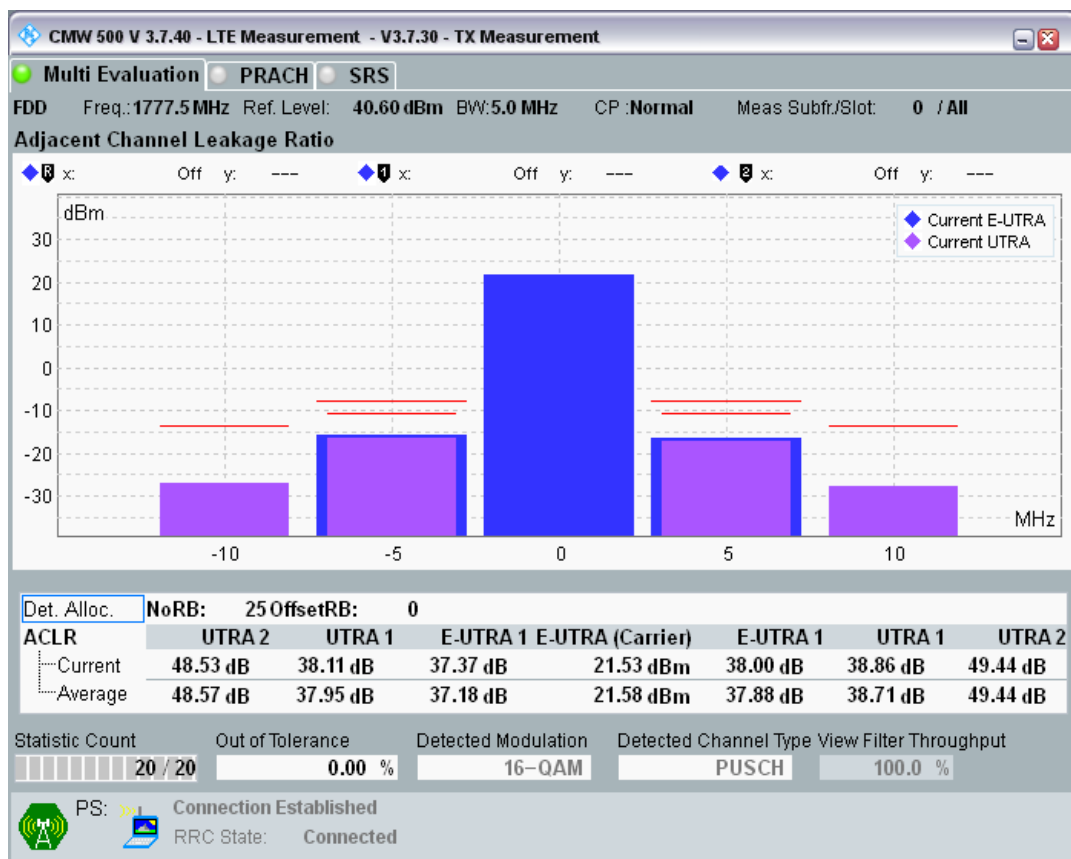




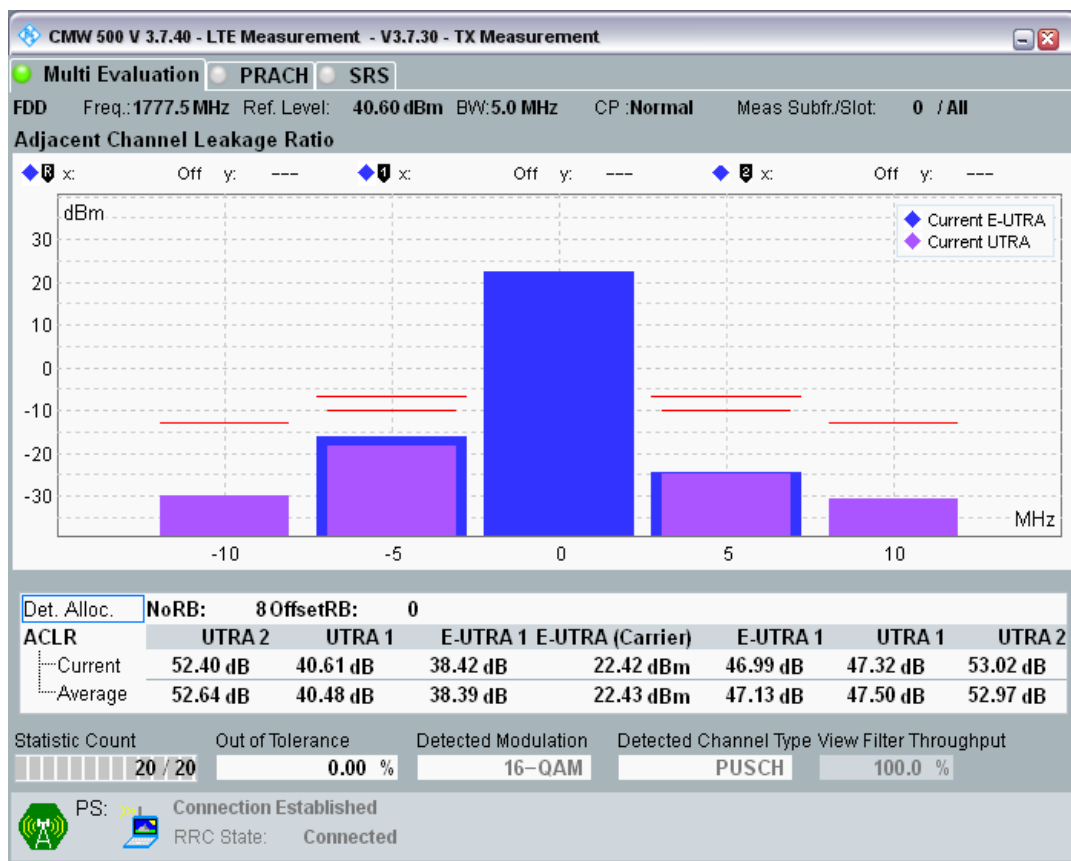
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Band3 QAM16 BW=5MHz Channel=19875 RB Size=25 Position=#0.png



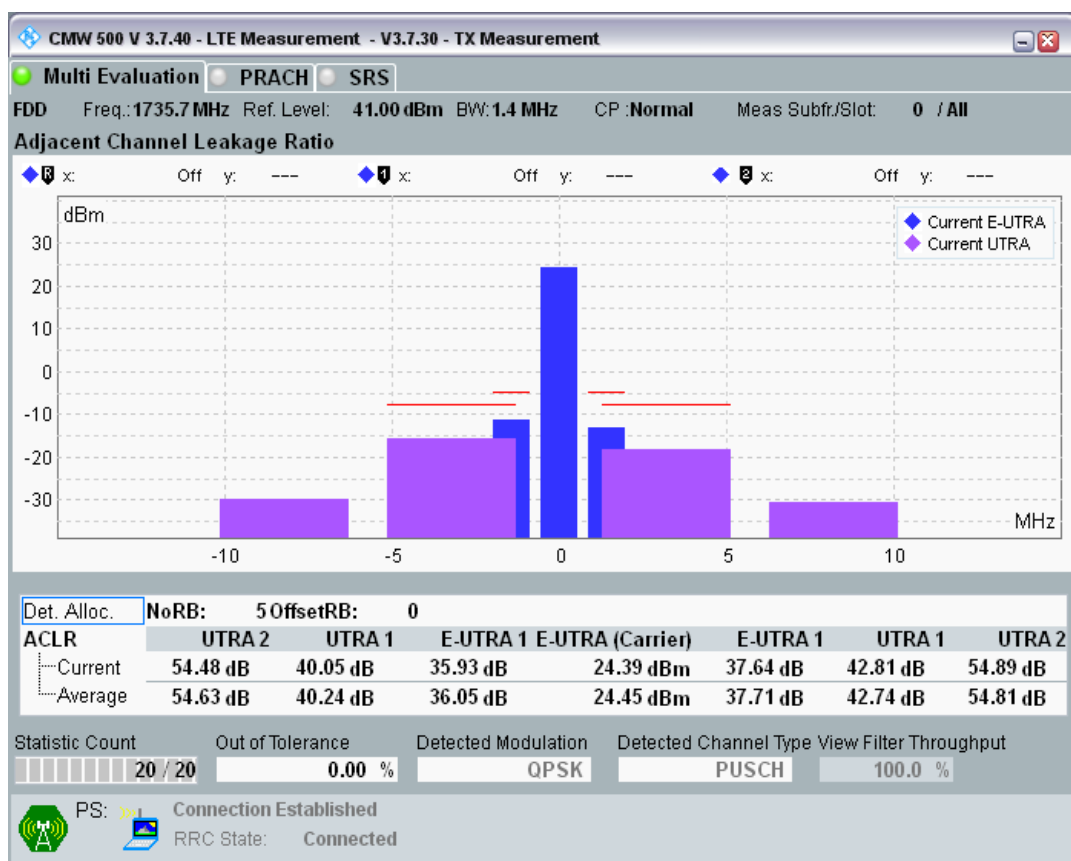
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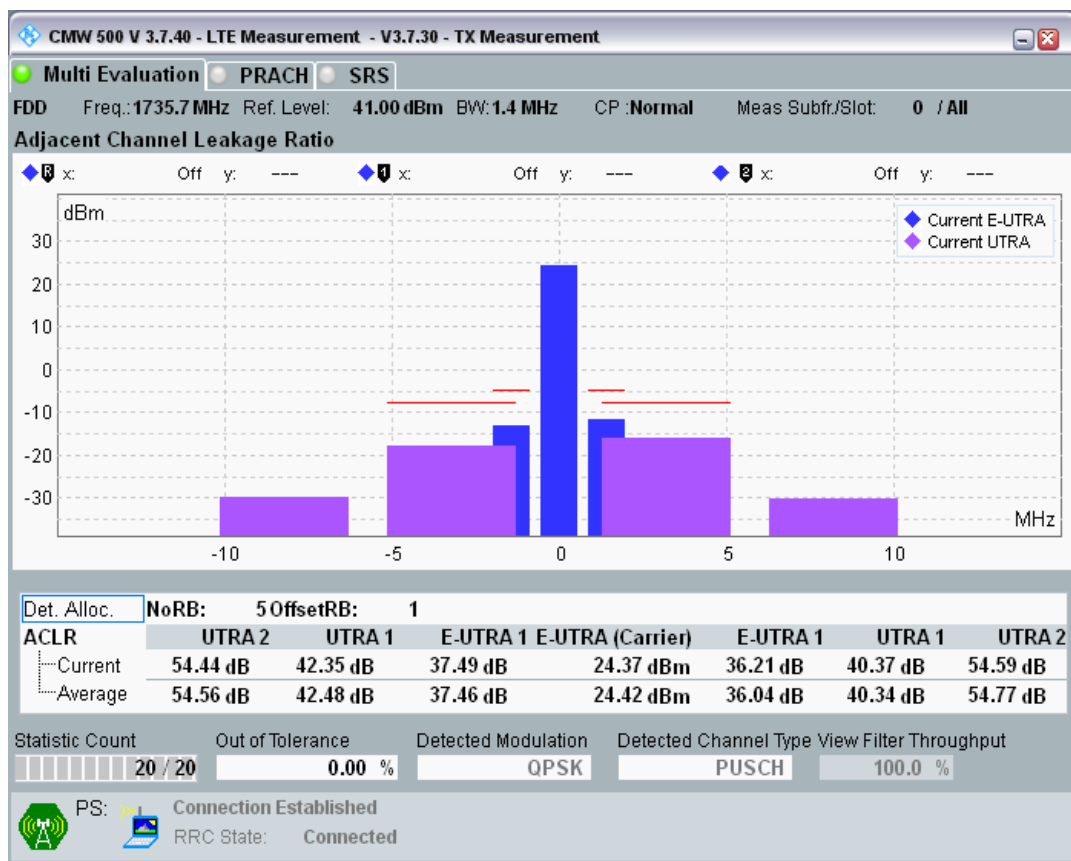
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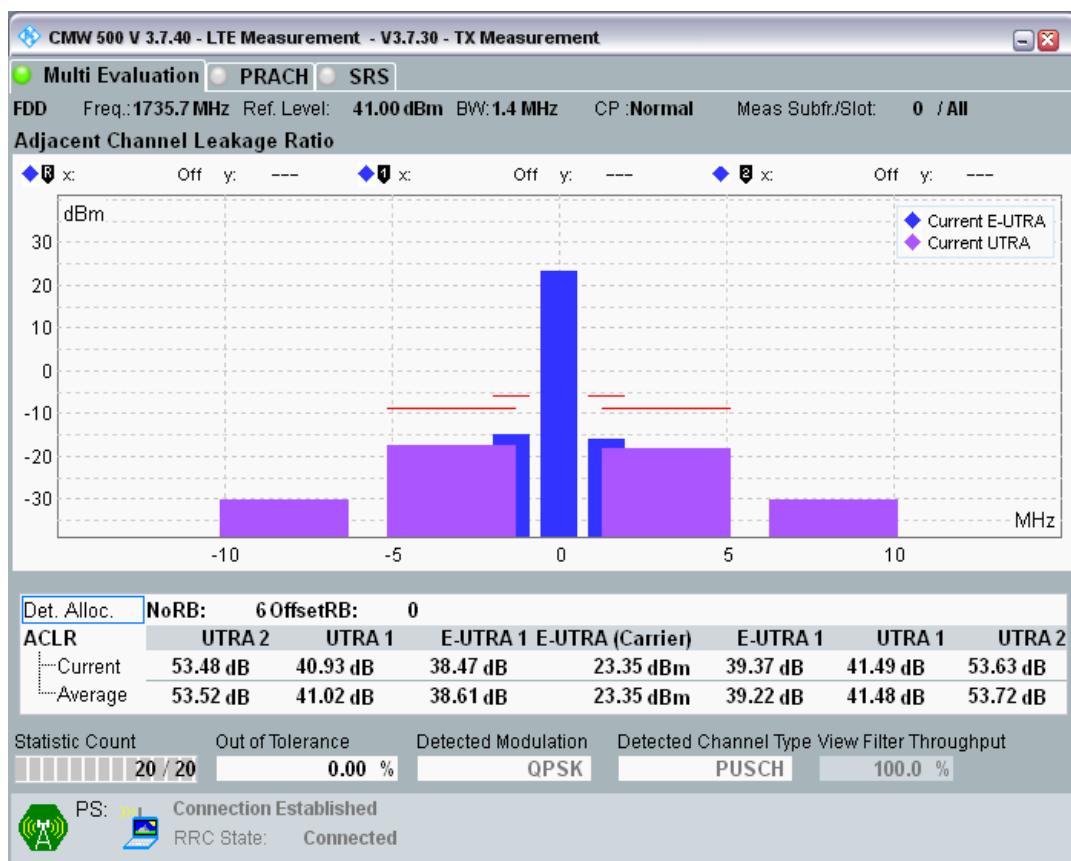
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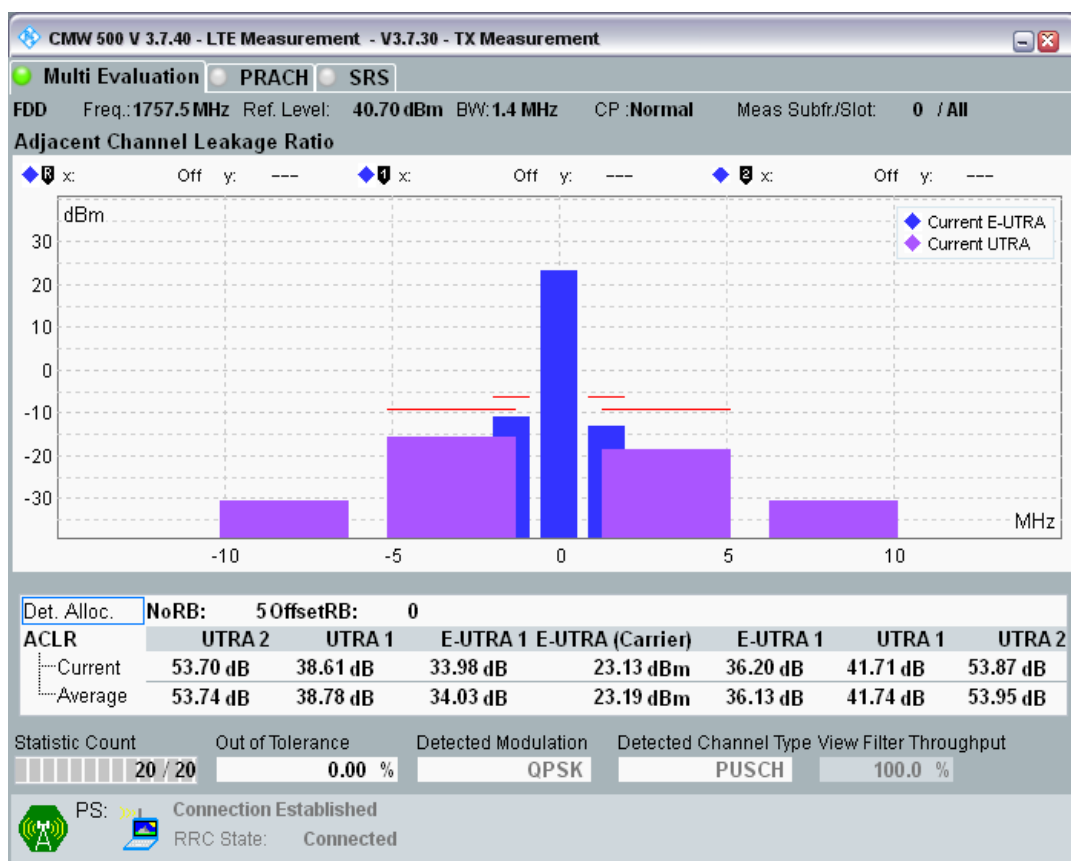
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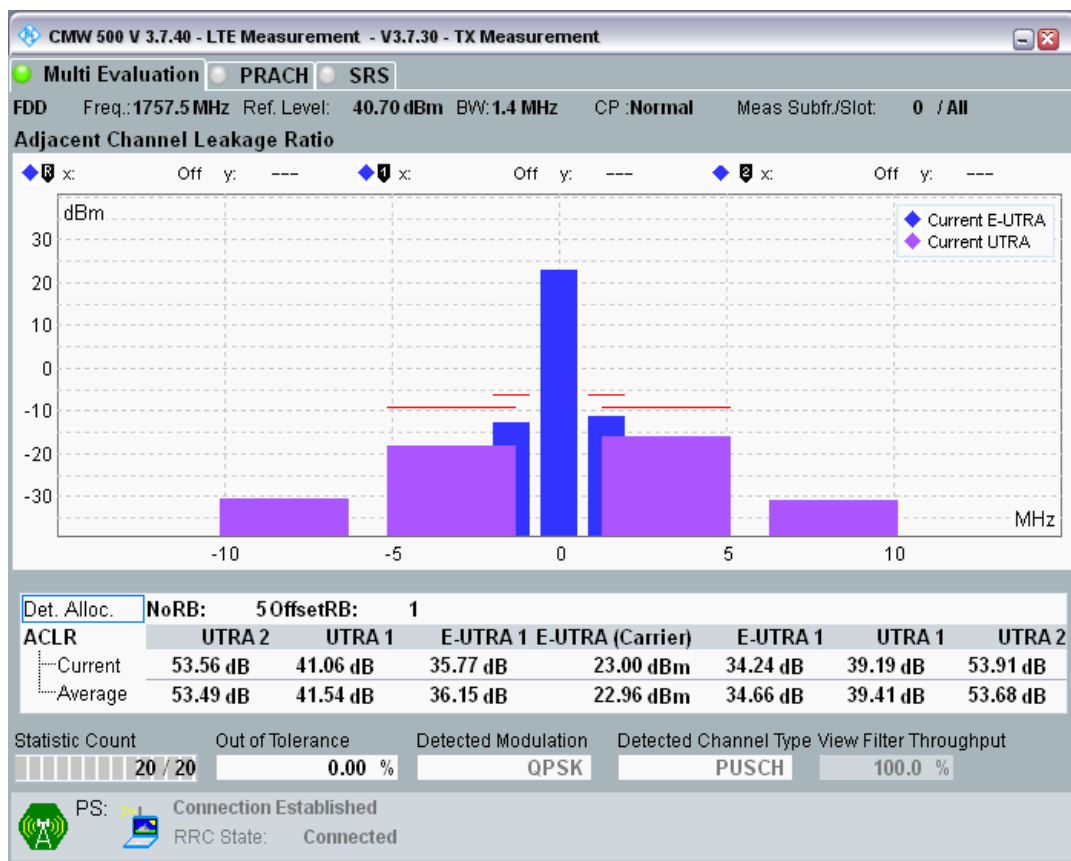
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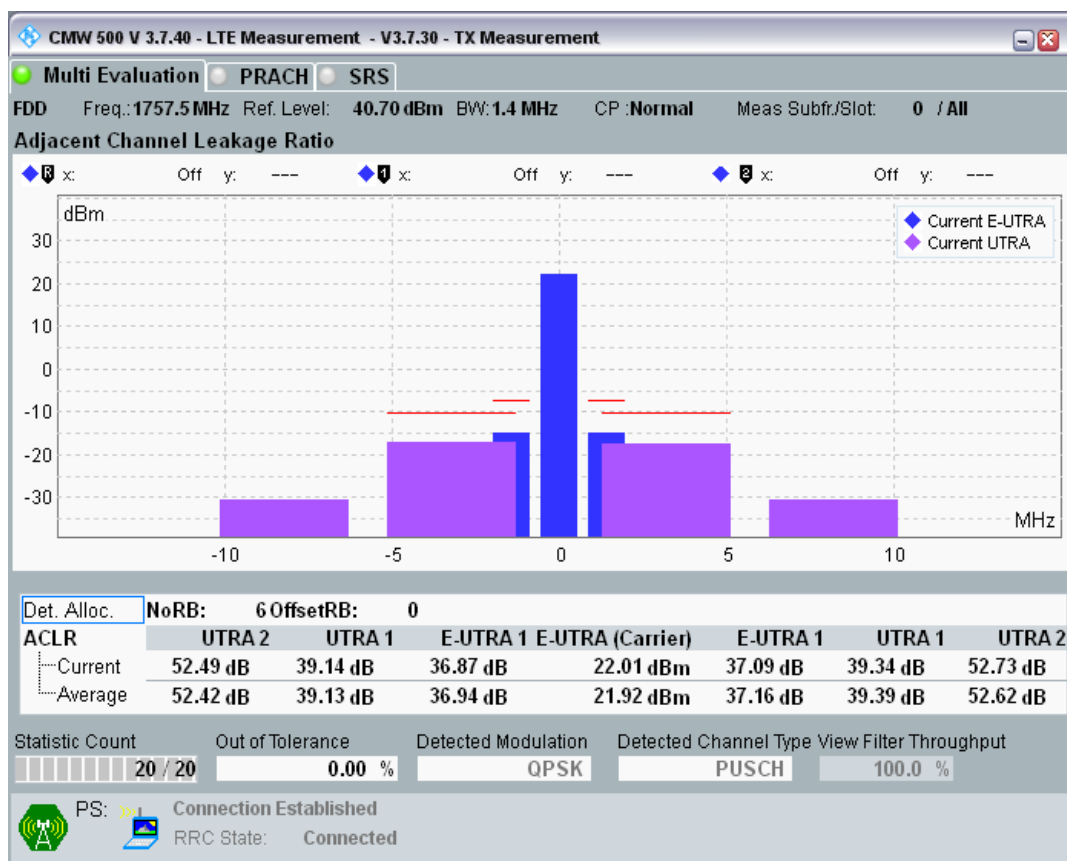
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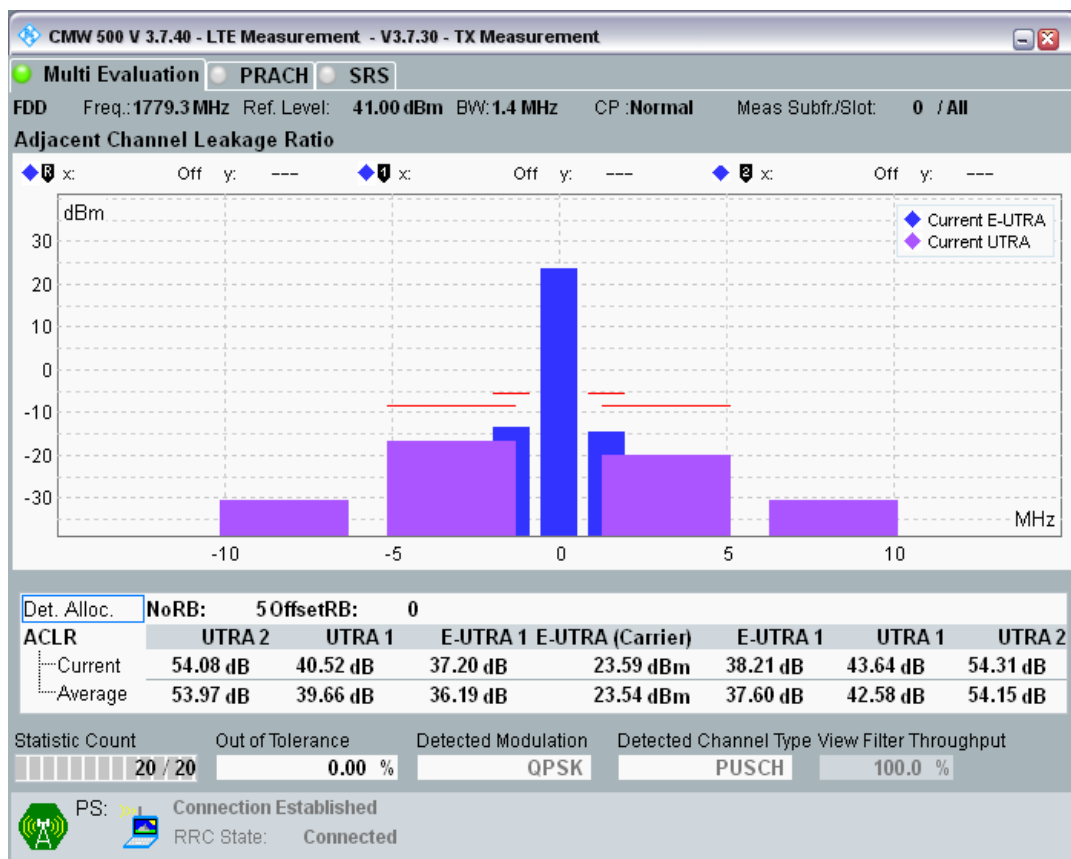
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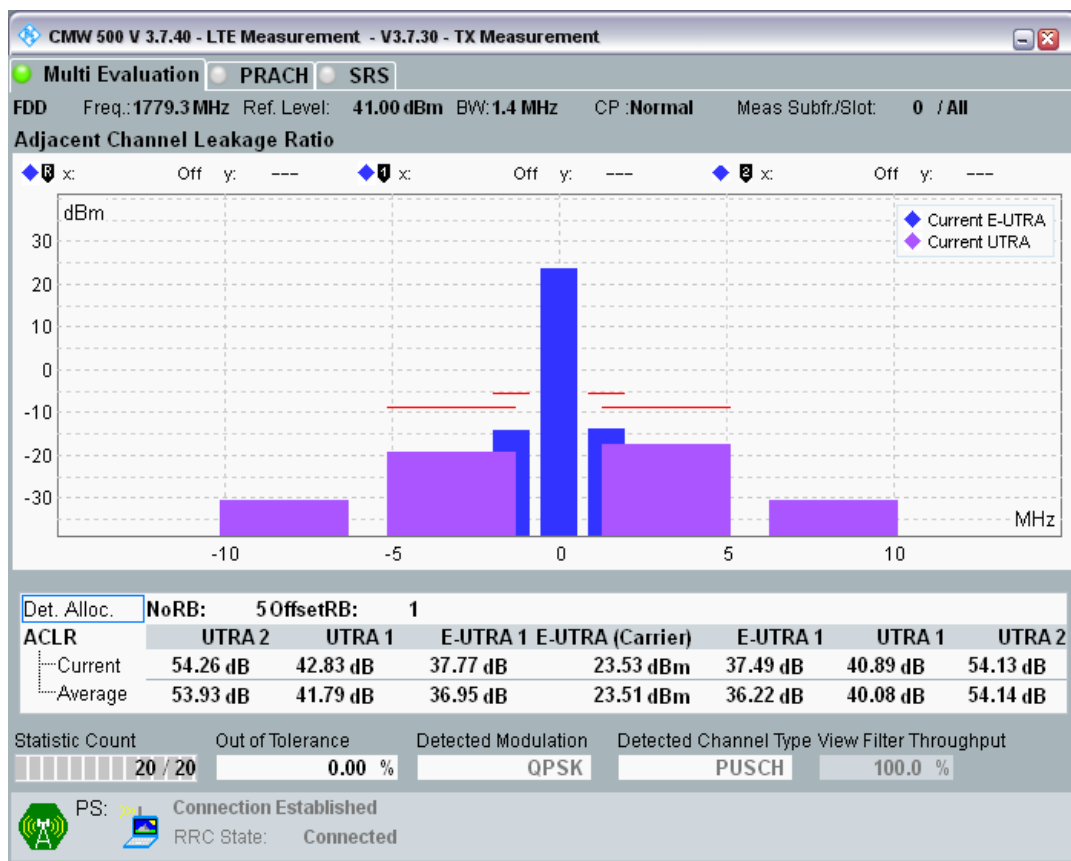
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Band3 QPSK BW=1.4MHz Channel=19893 RB Size=5 Position=#0.png

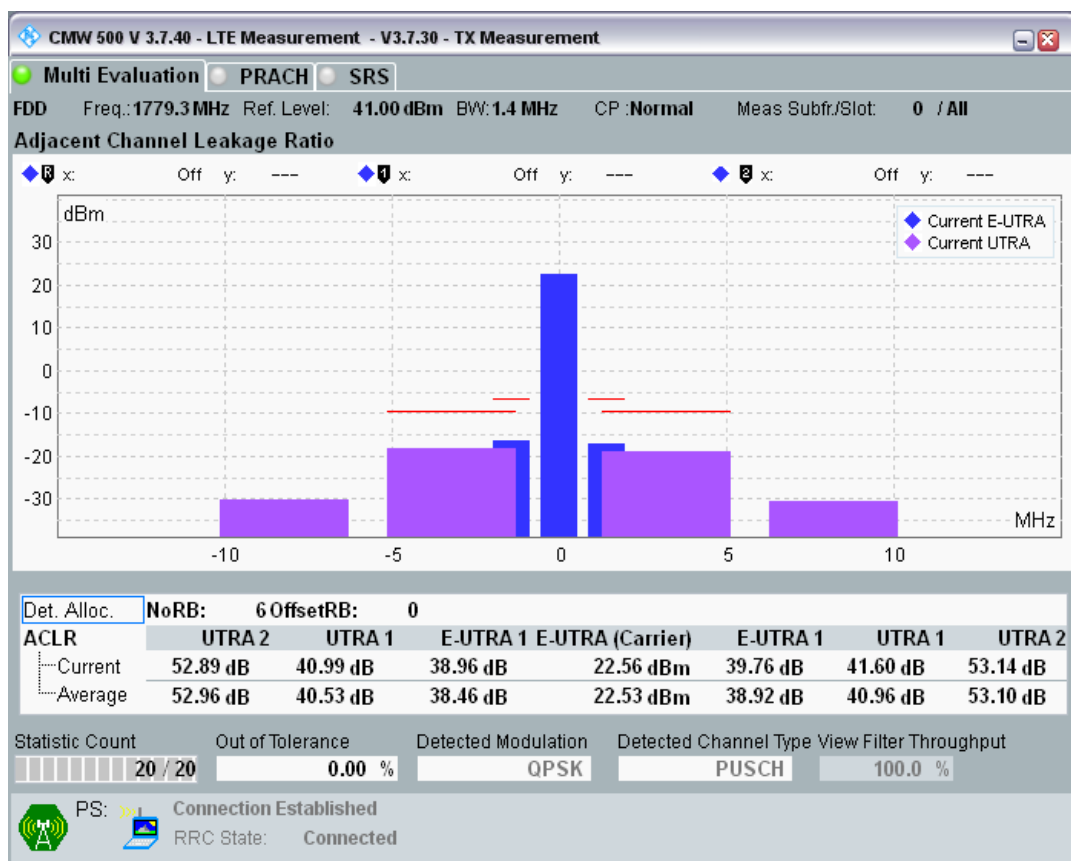


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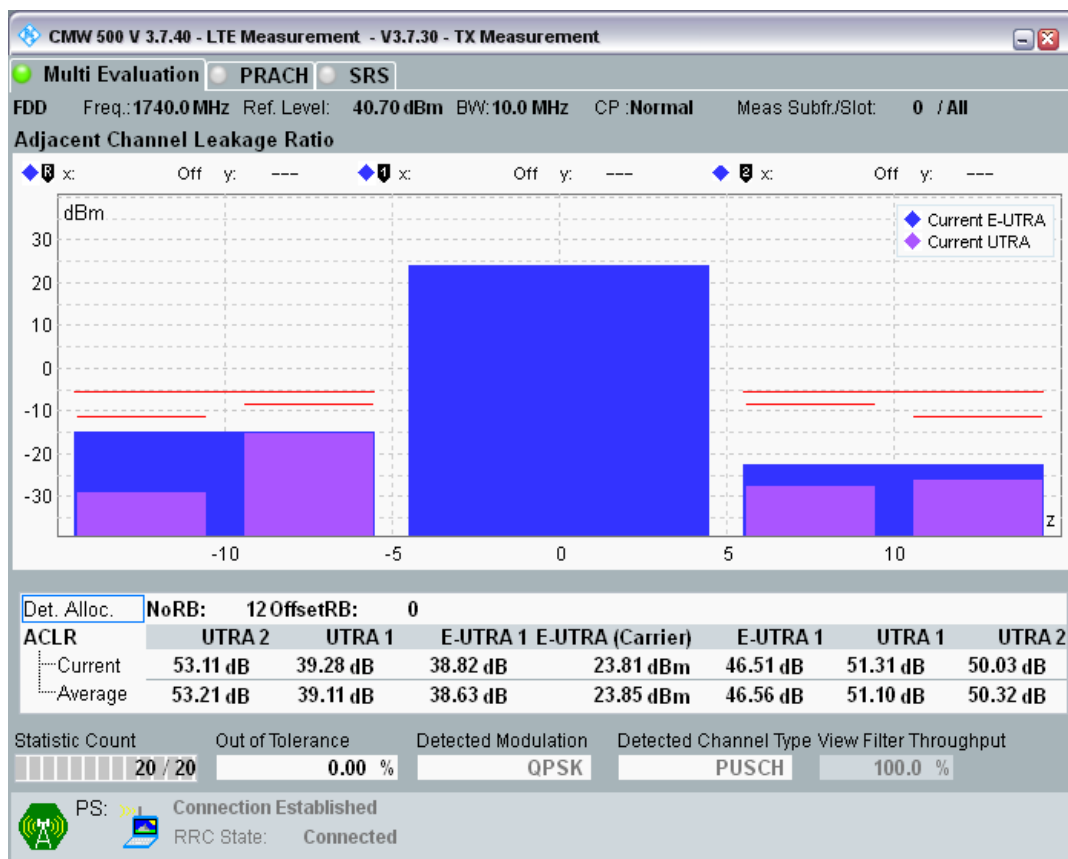




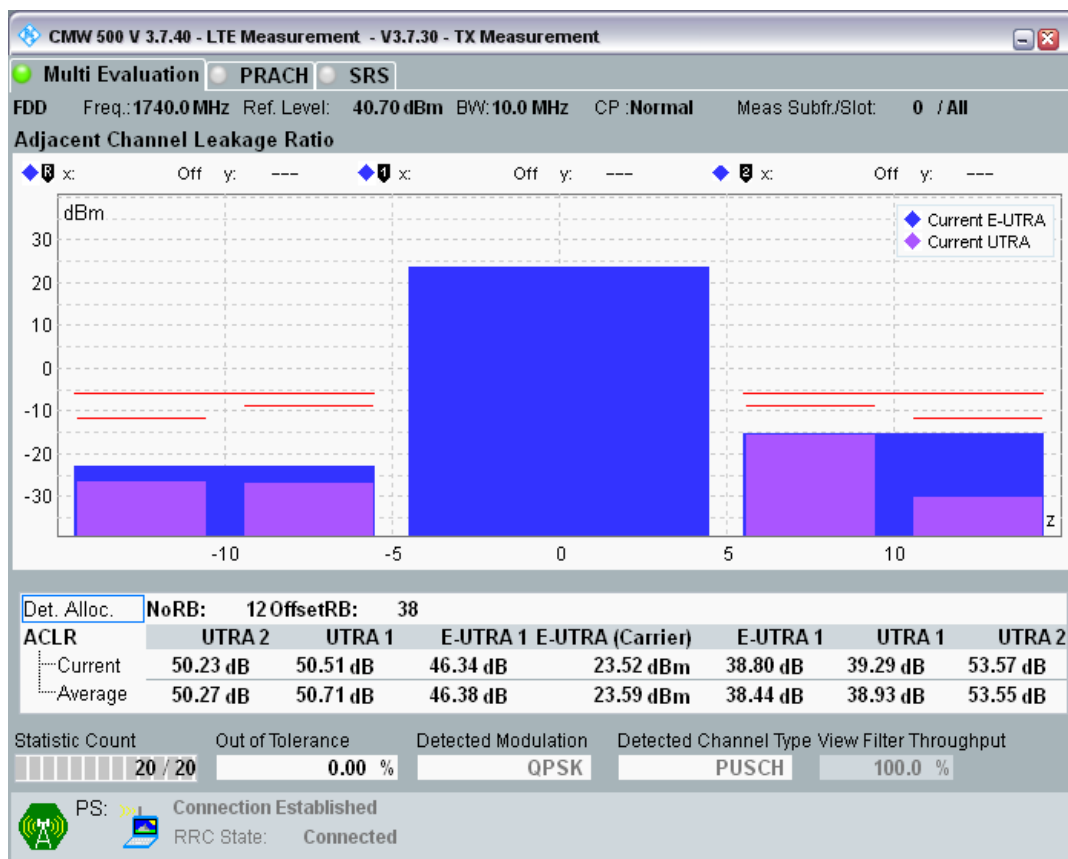
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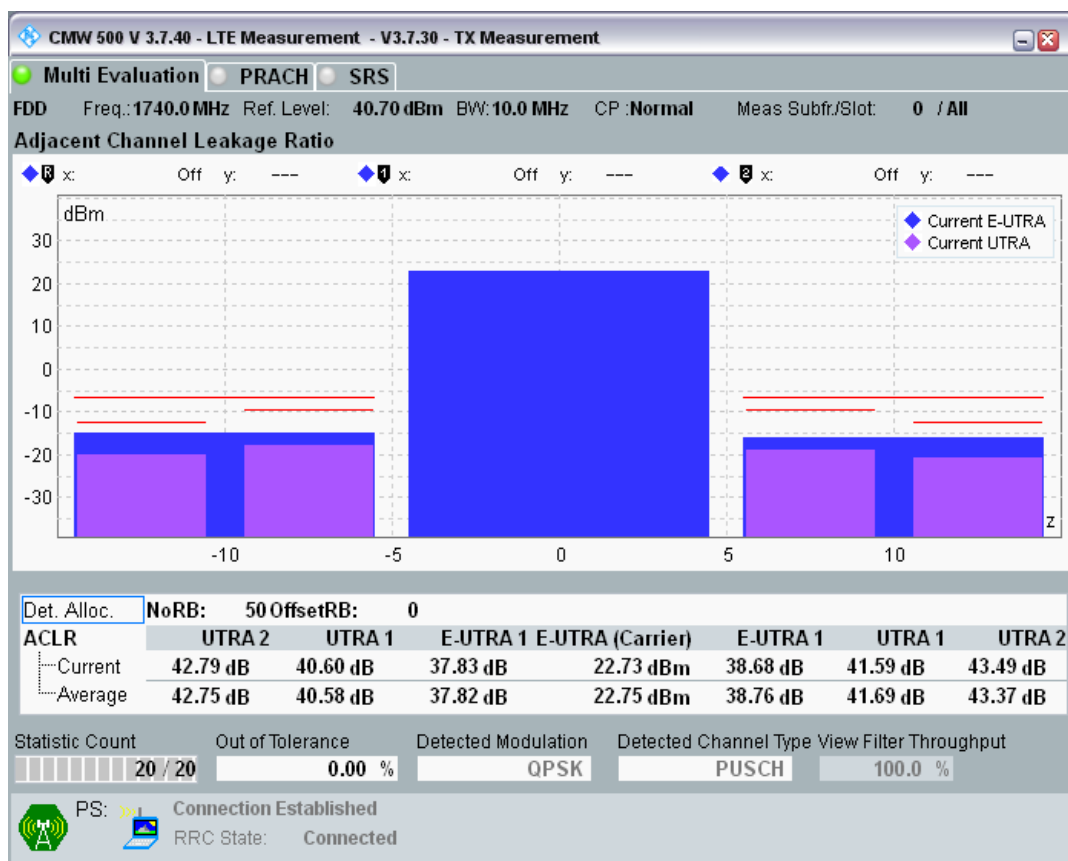
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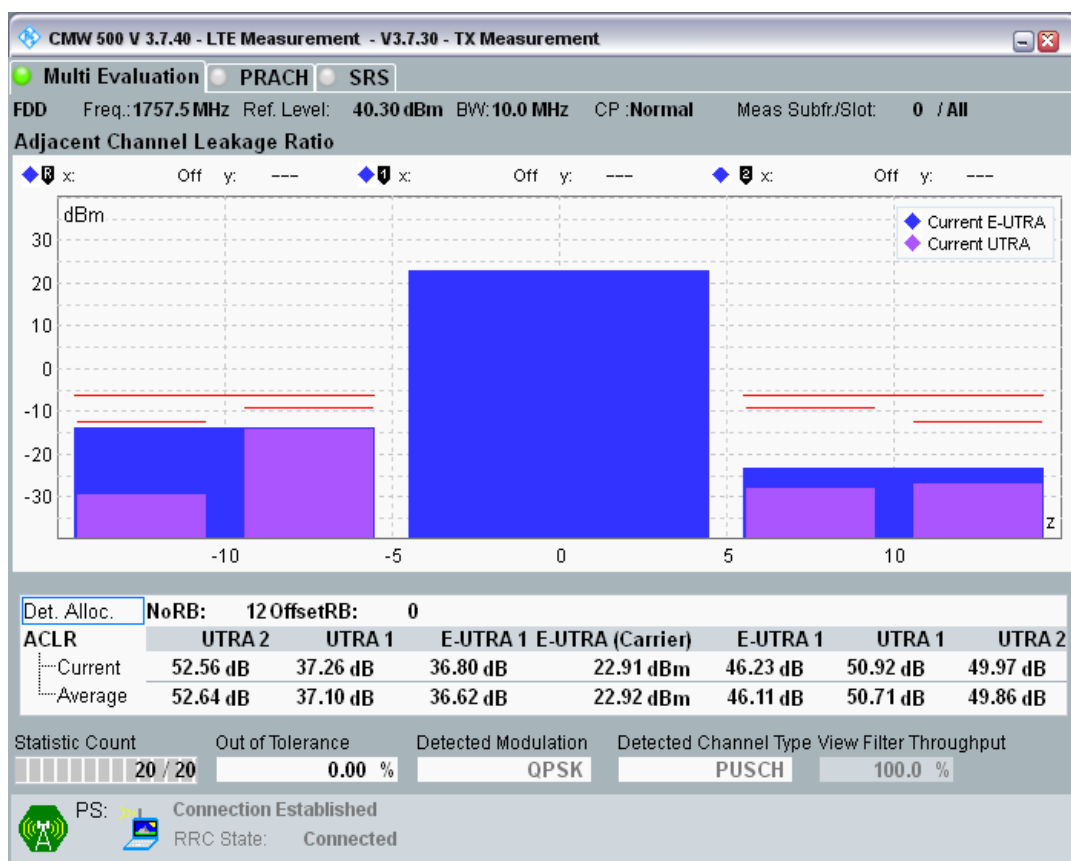
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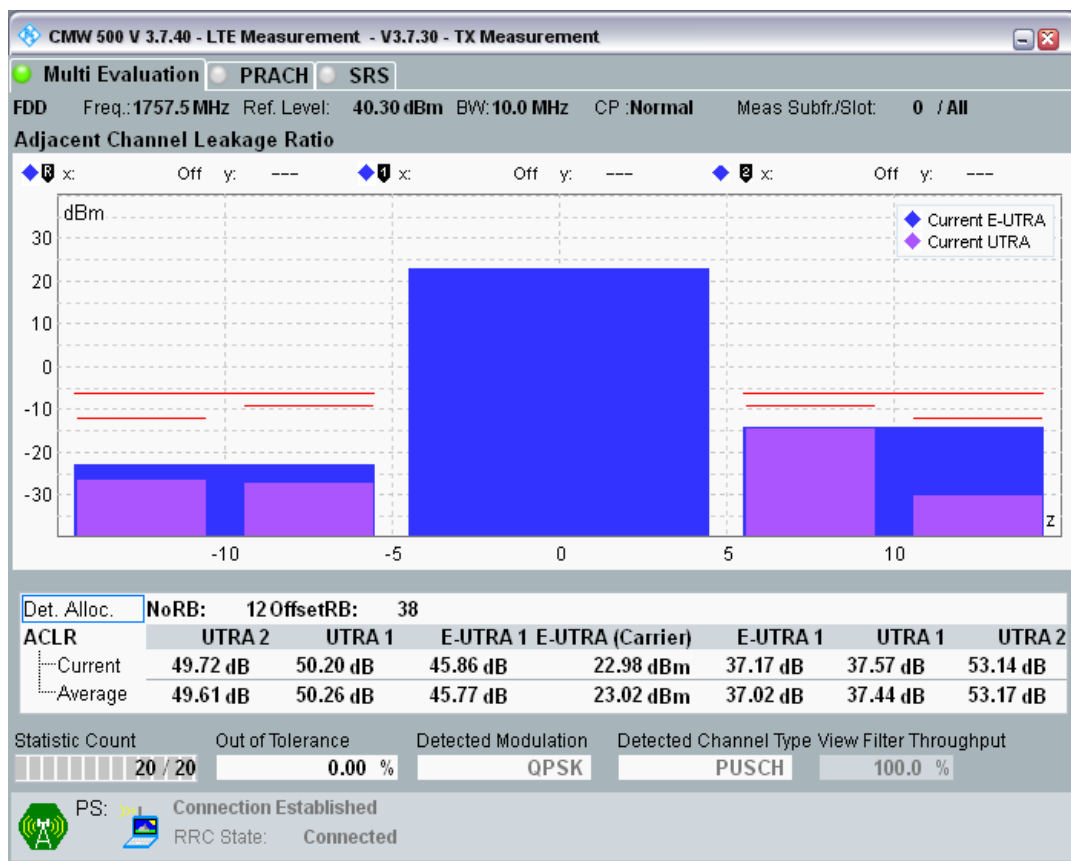
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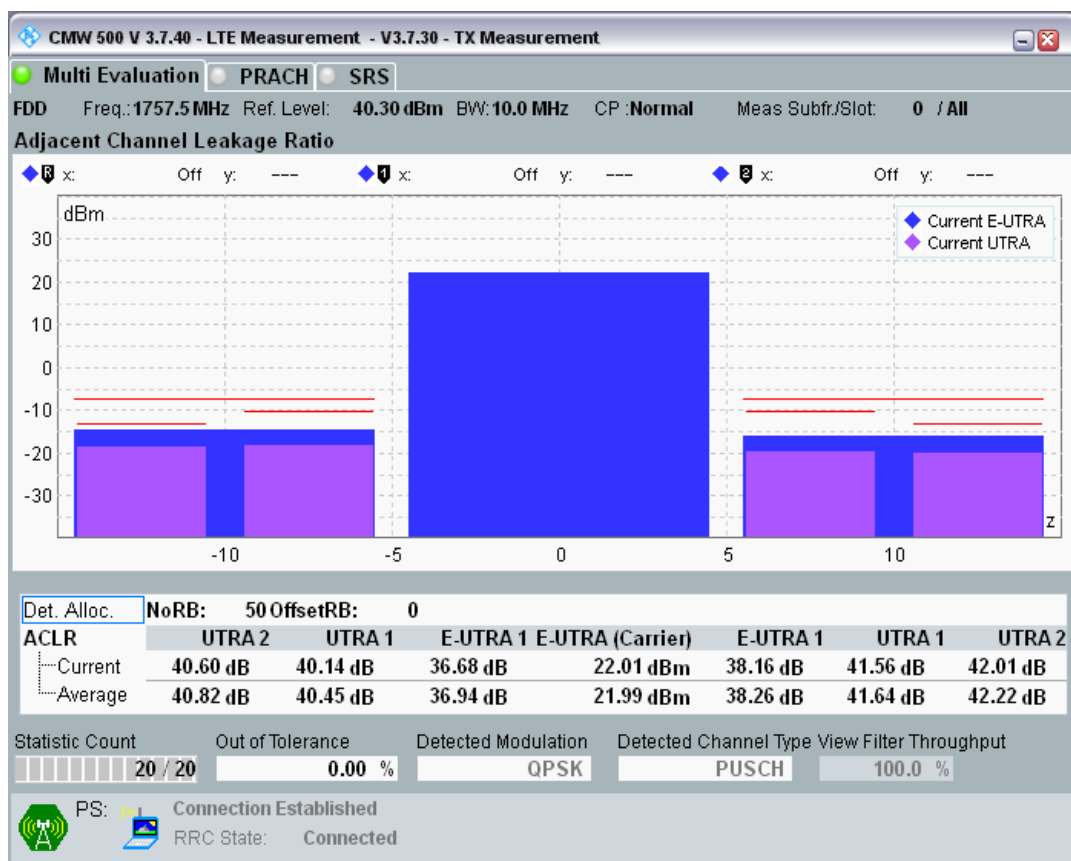
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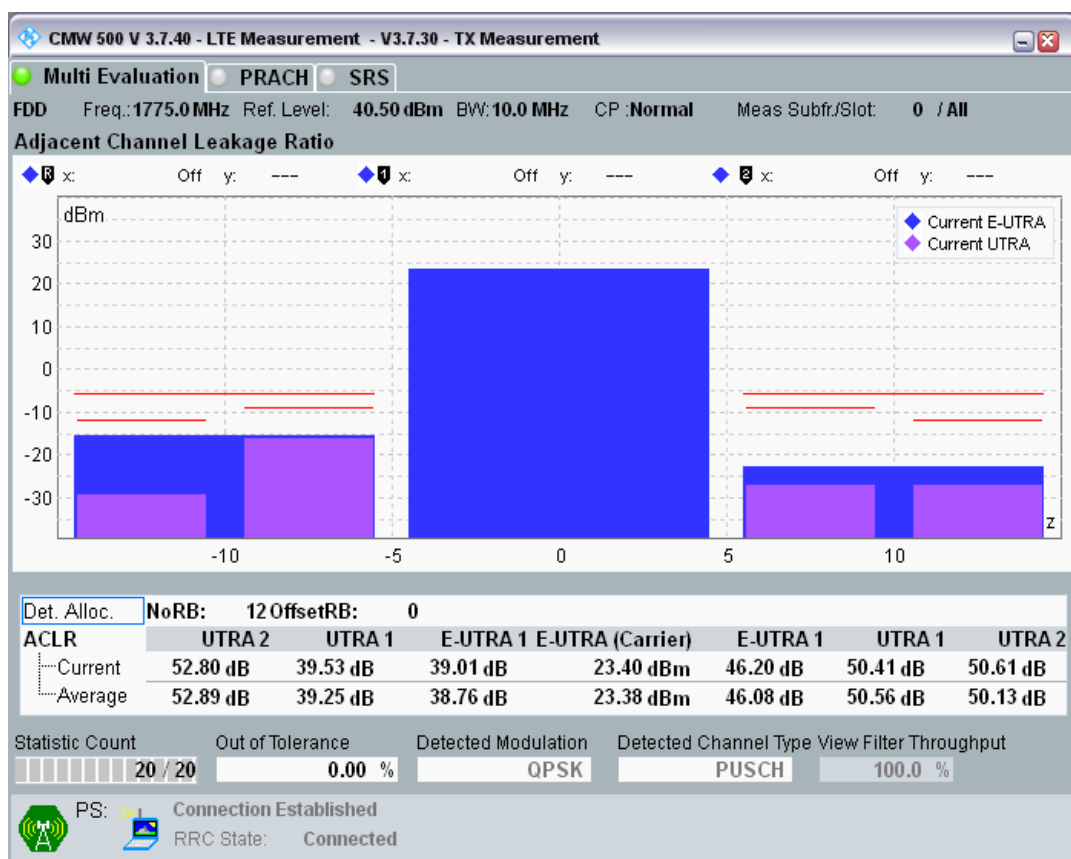
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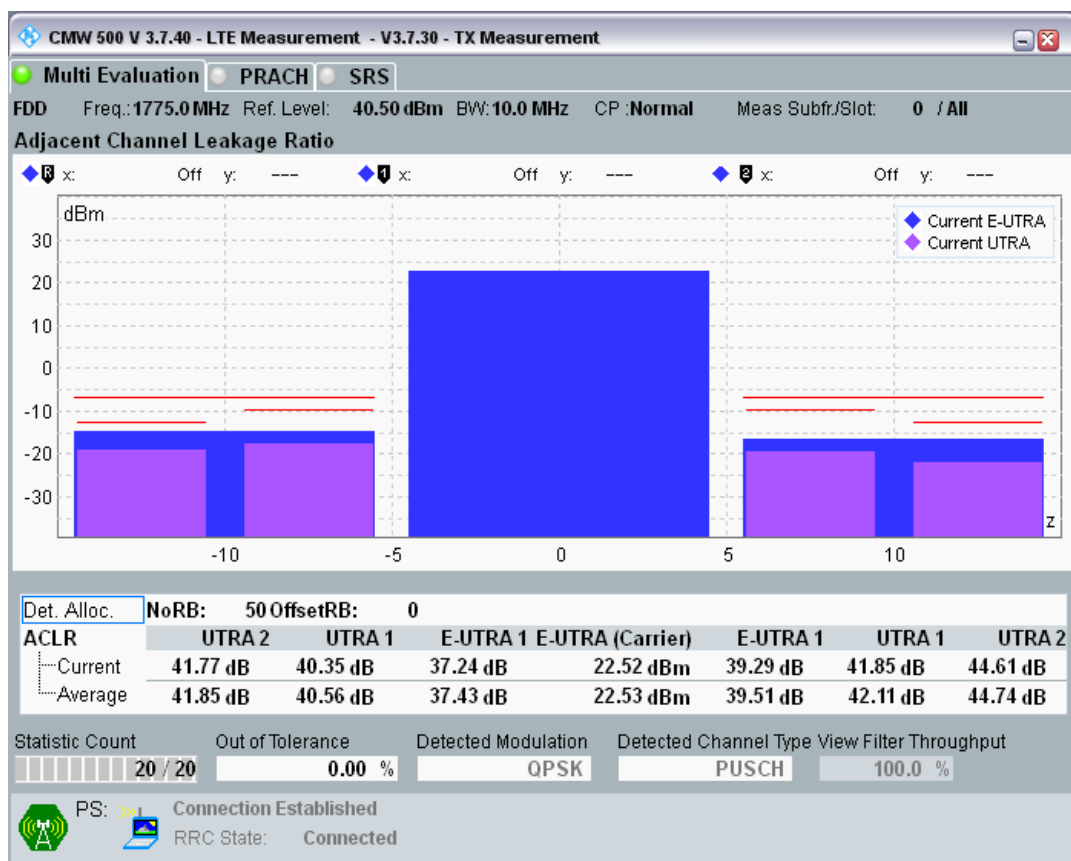
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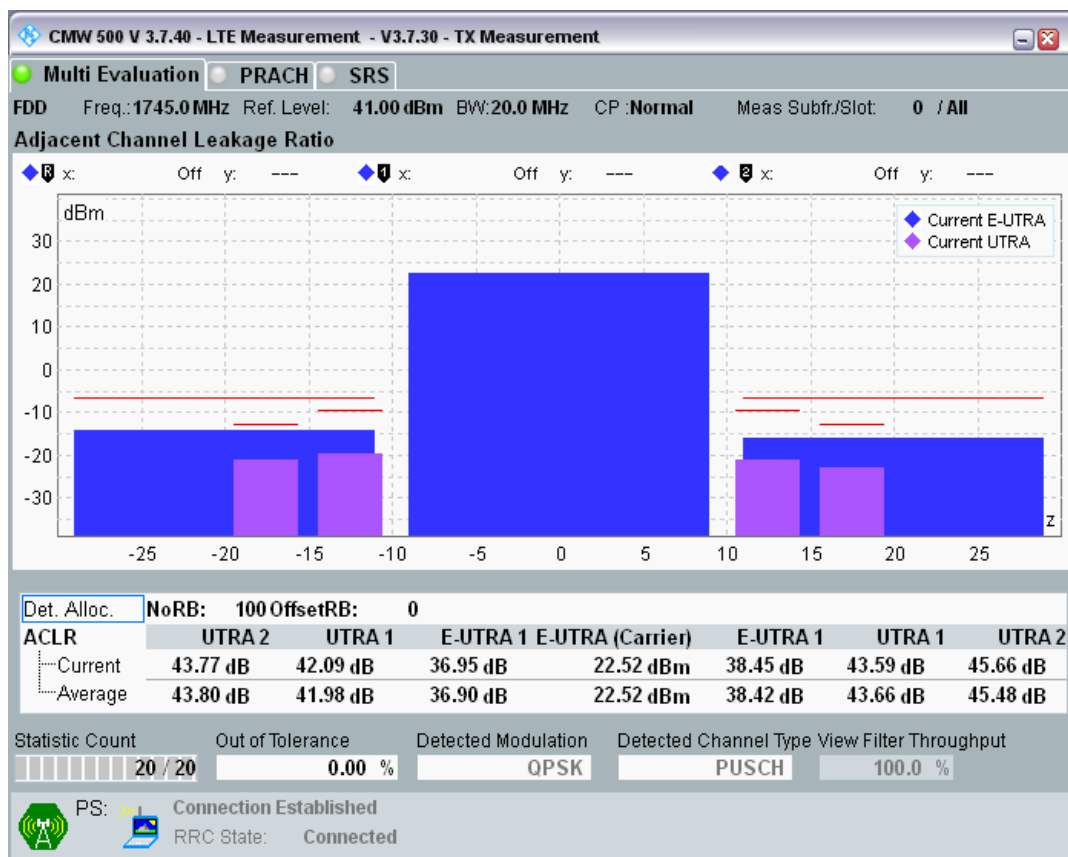
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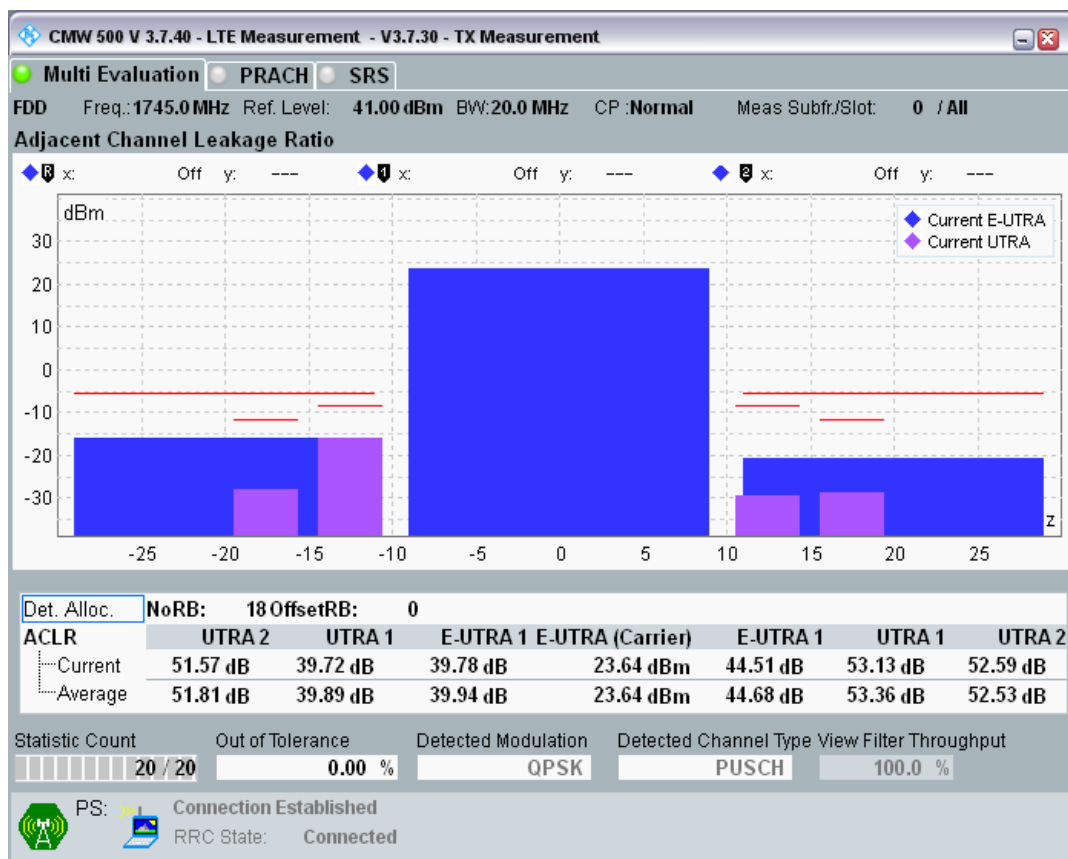
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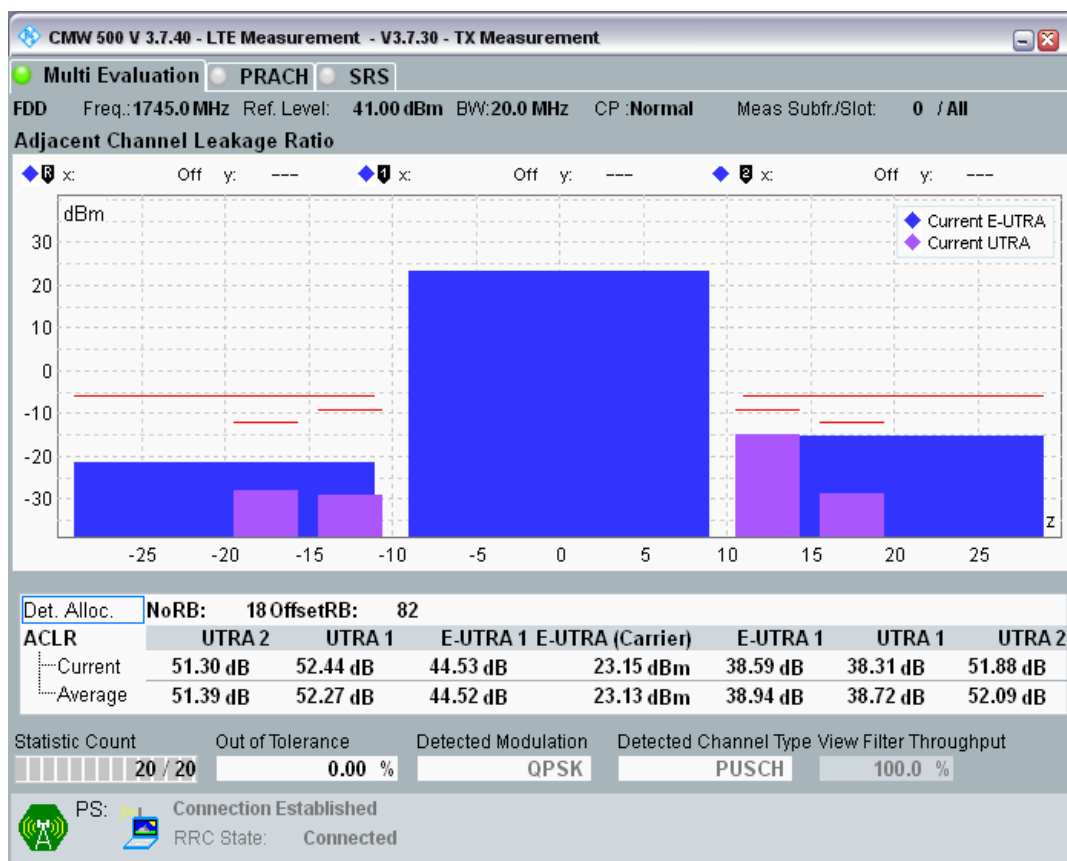


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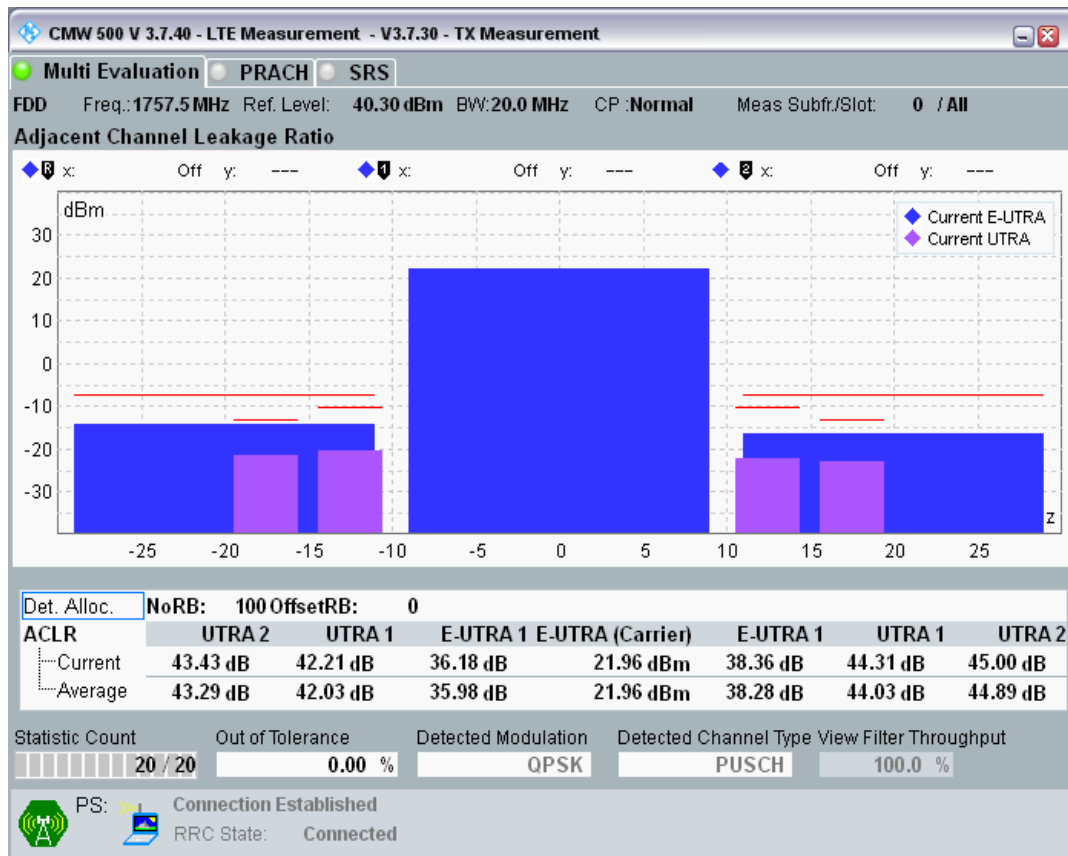




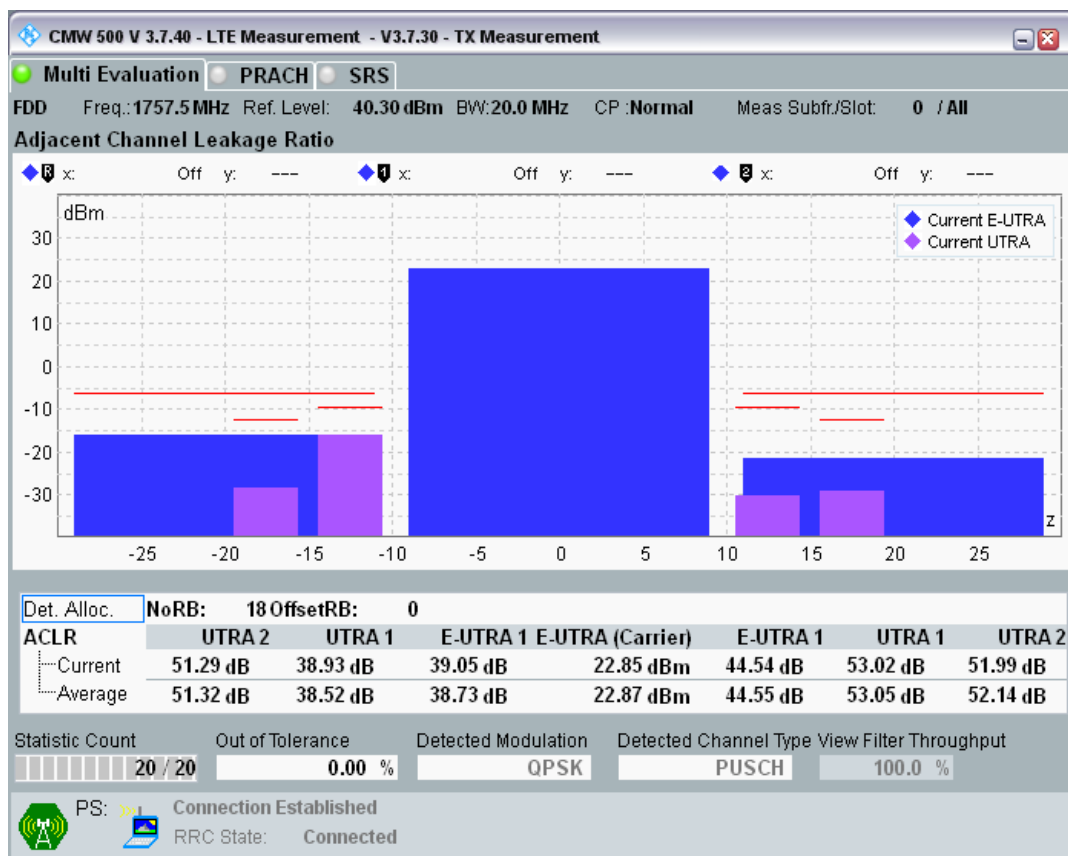
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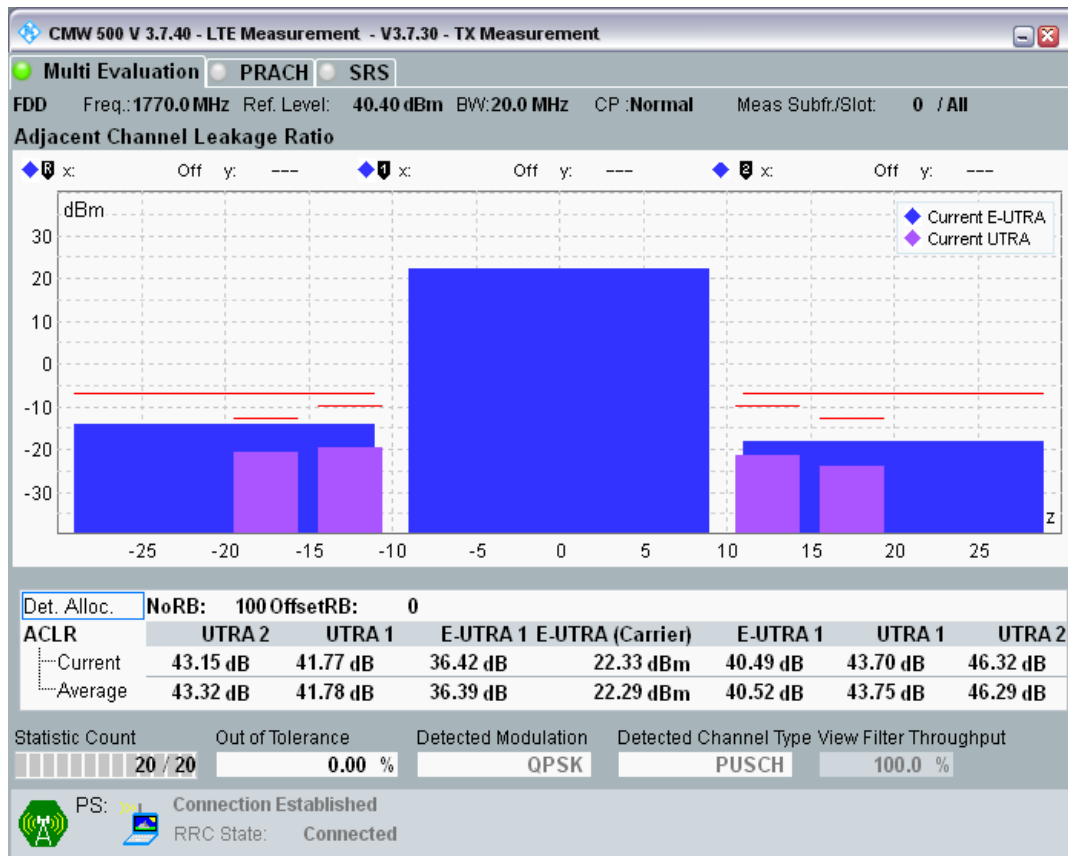
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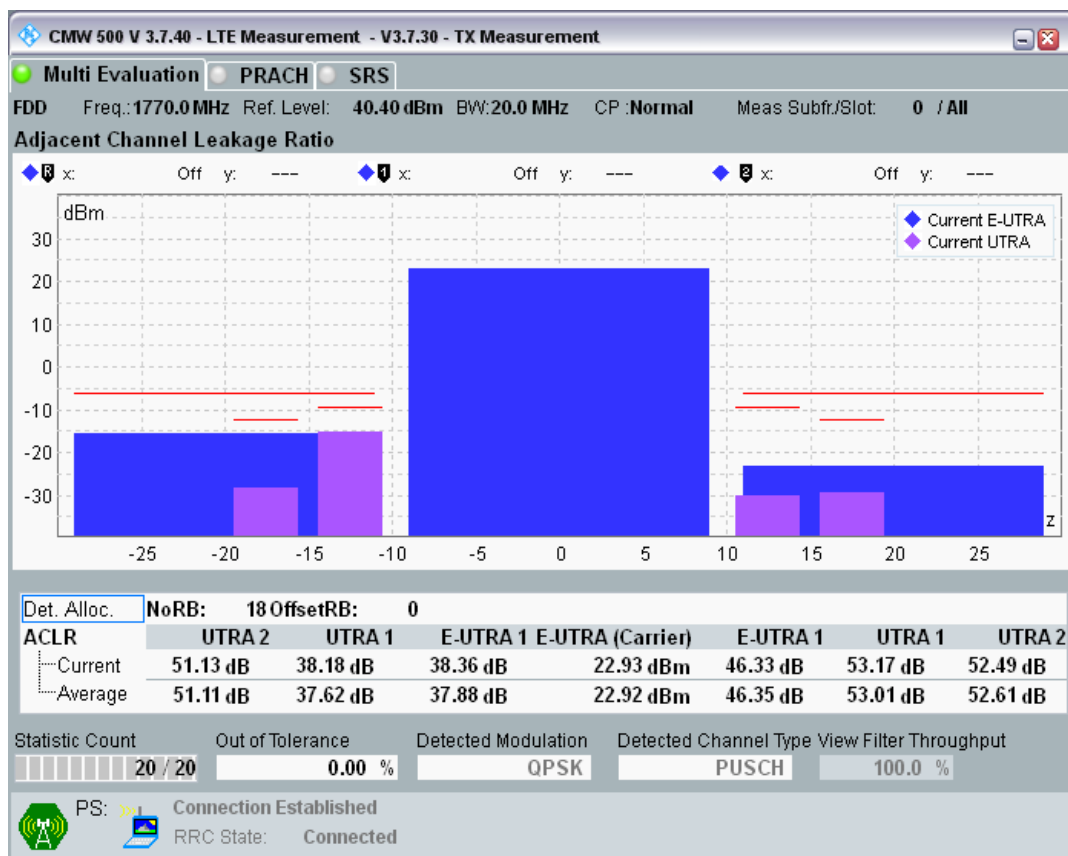
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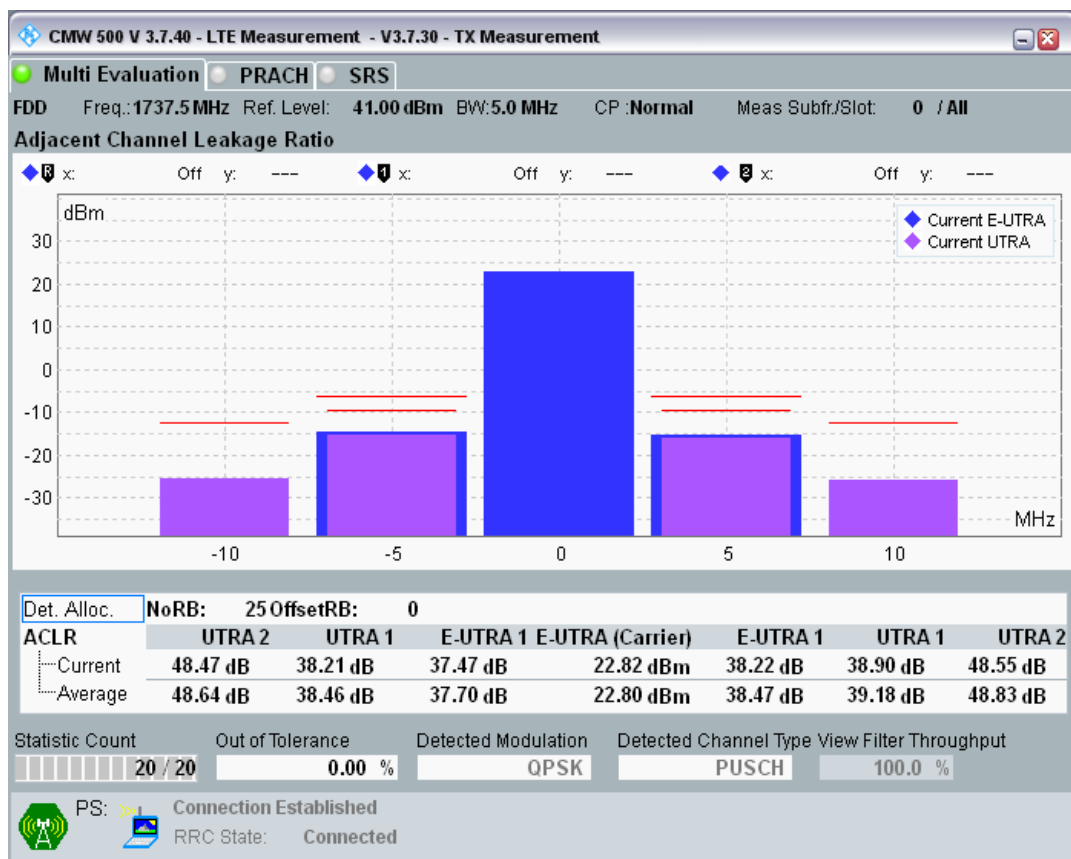
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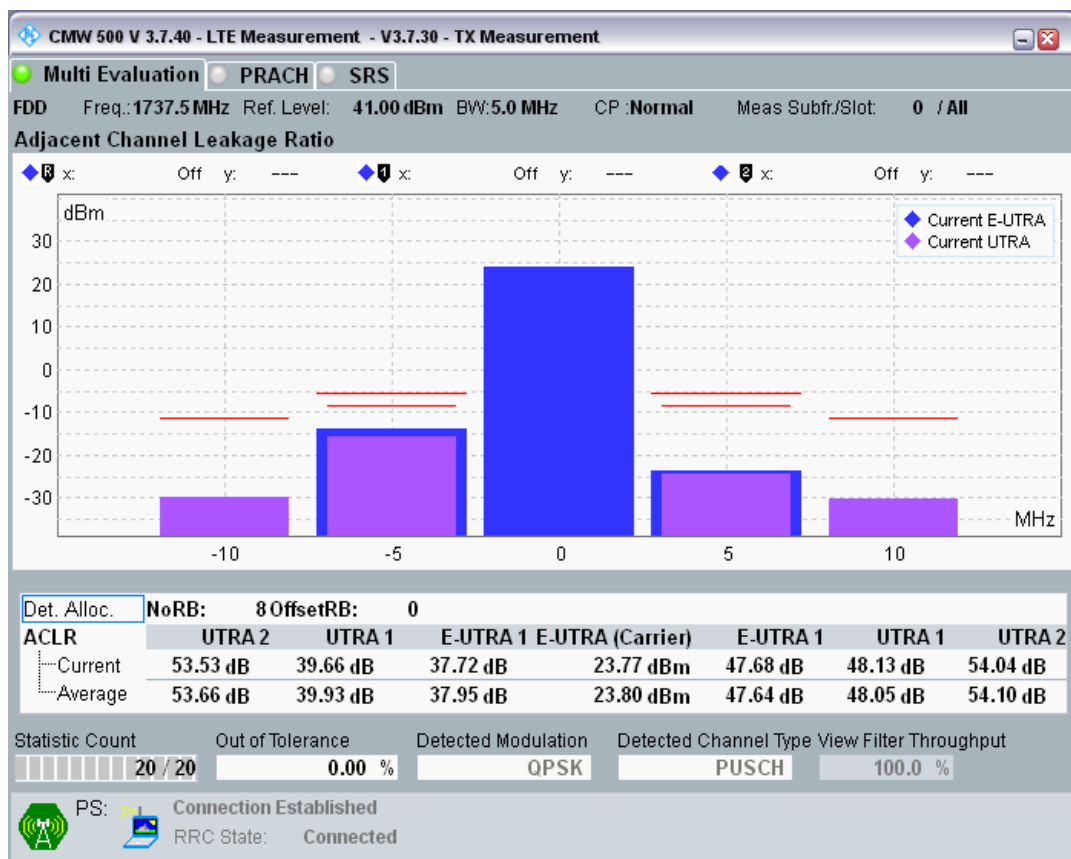
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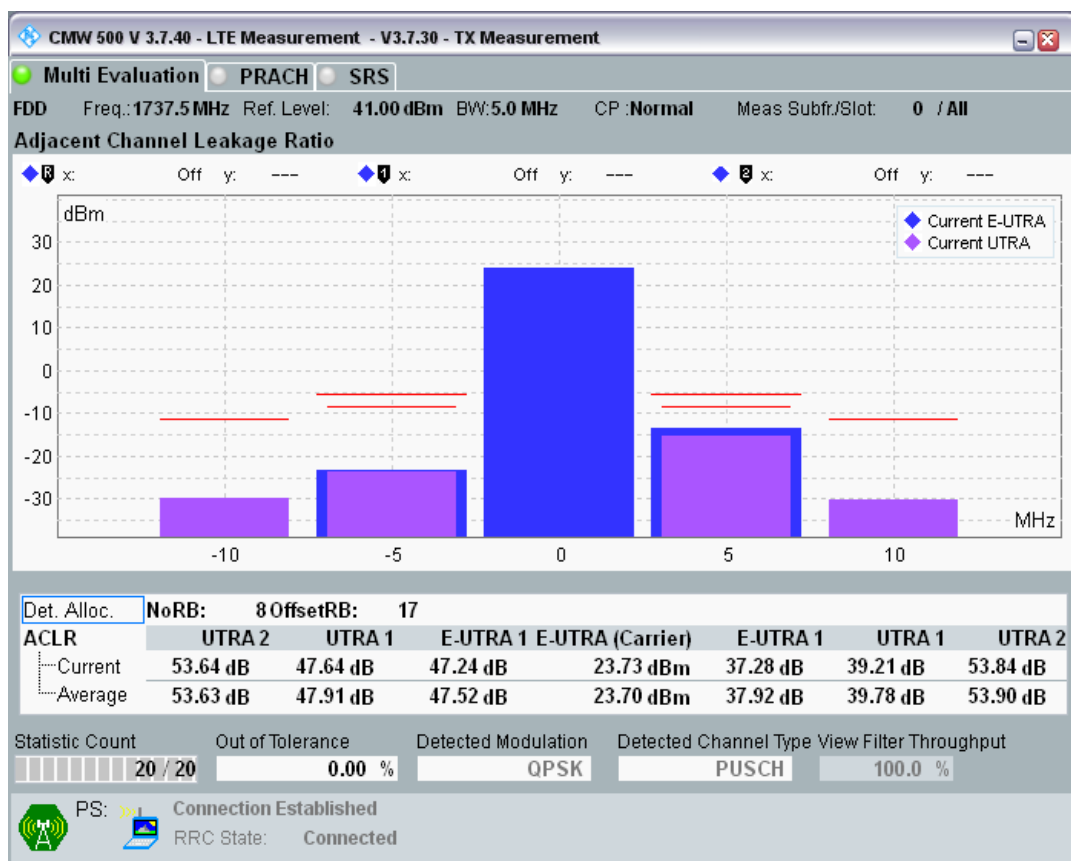
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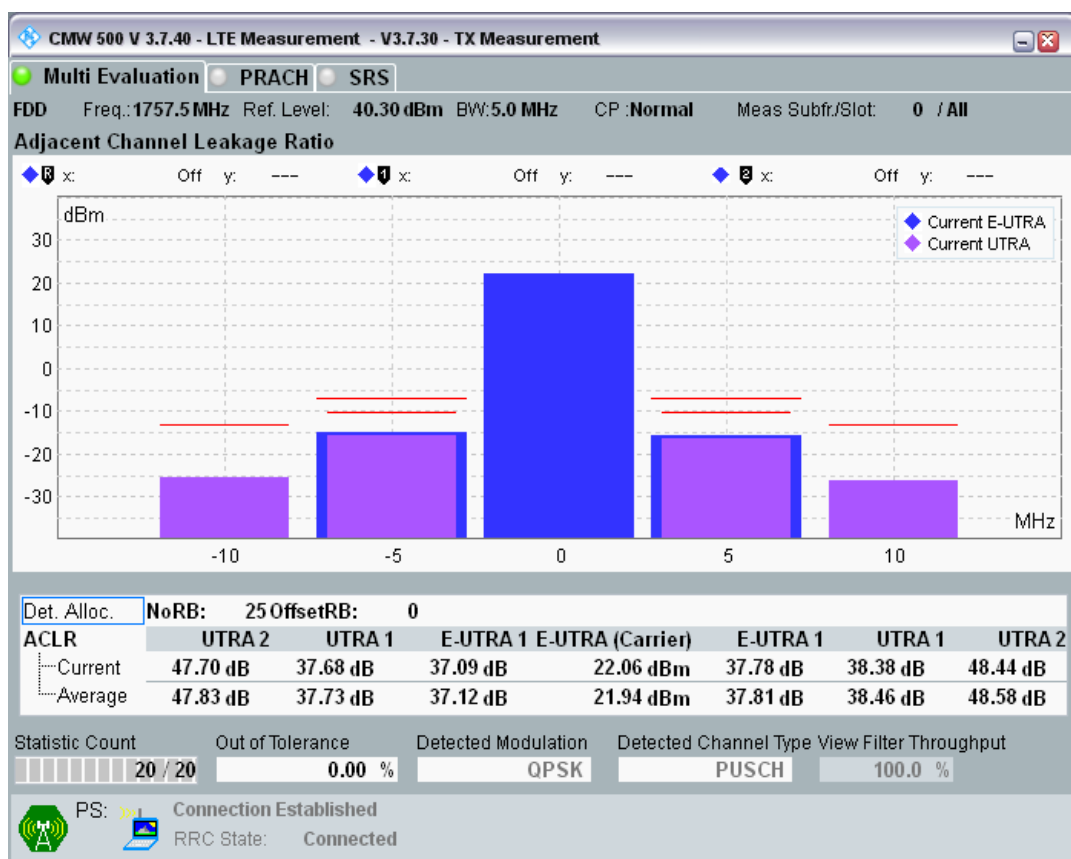
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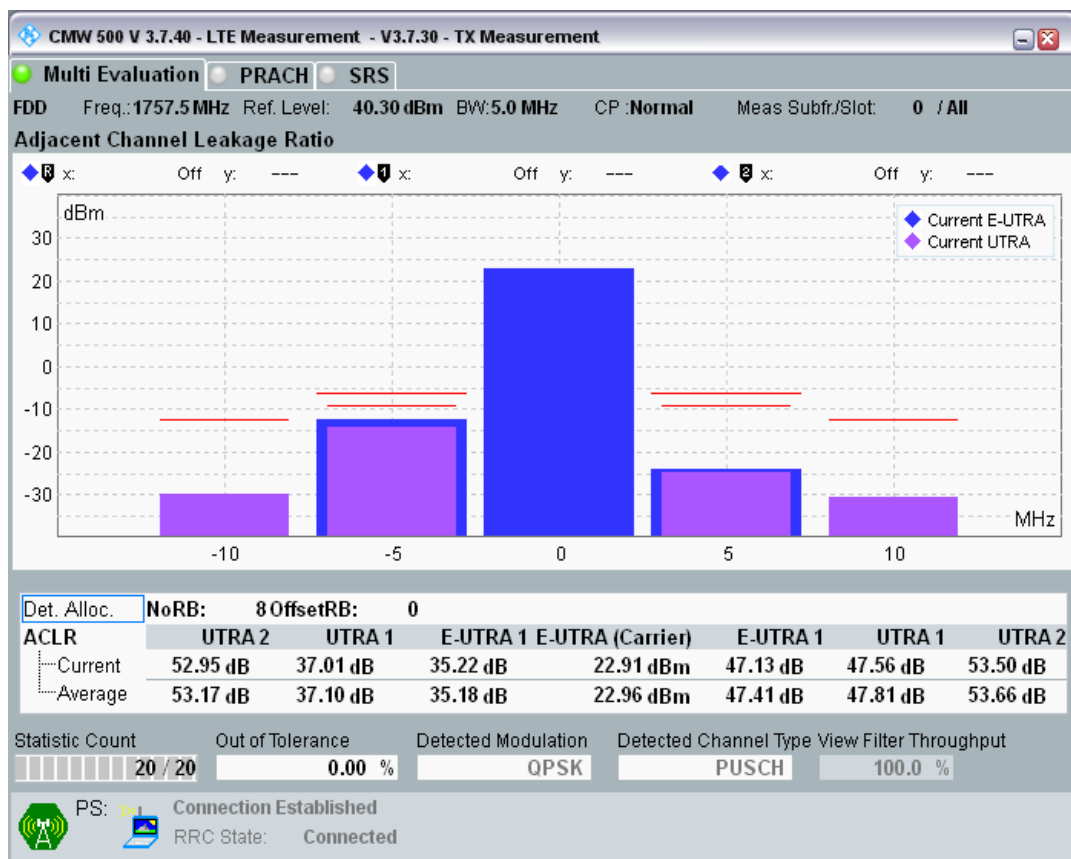
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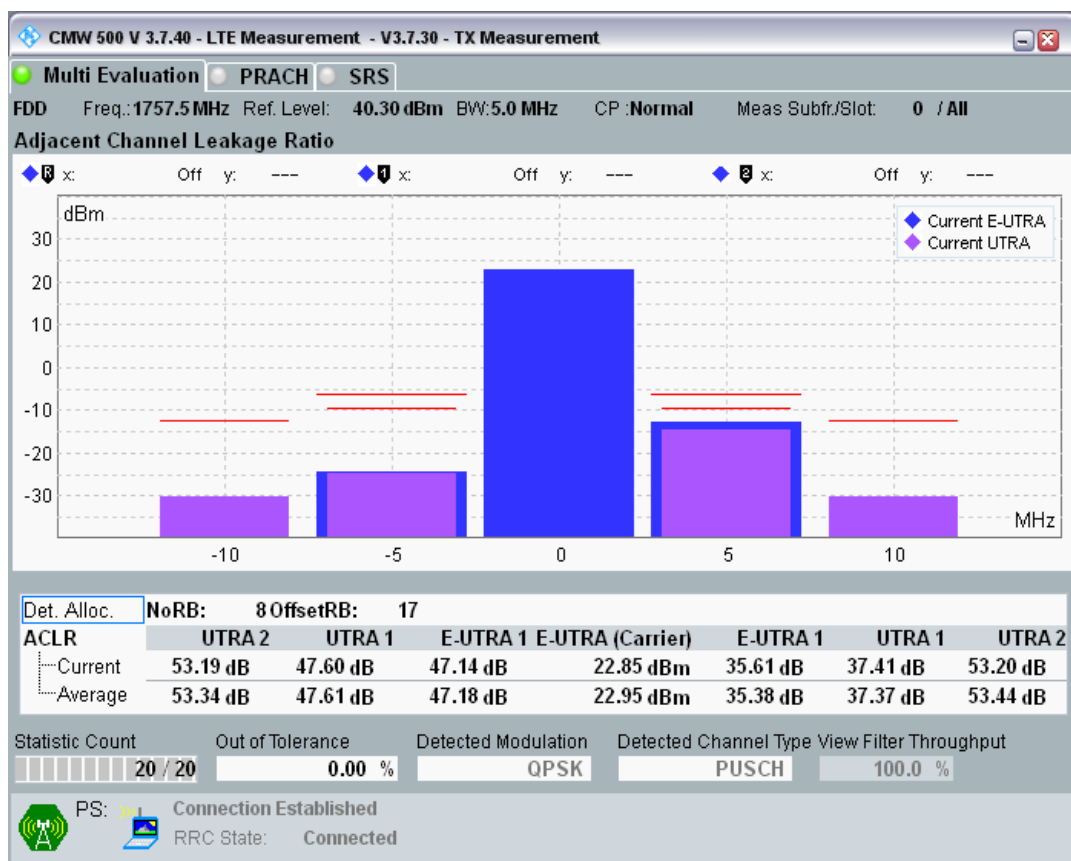


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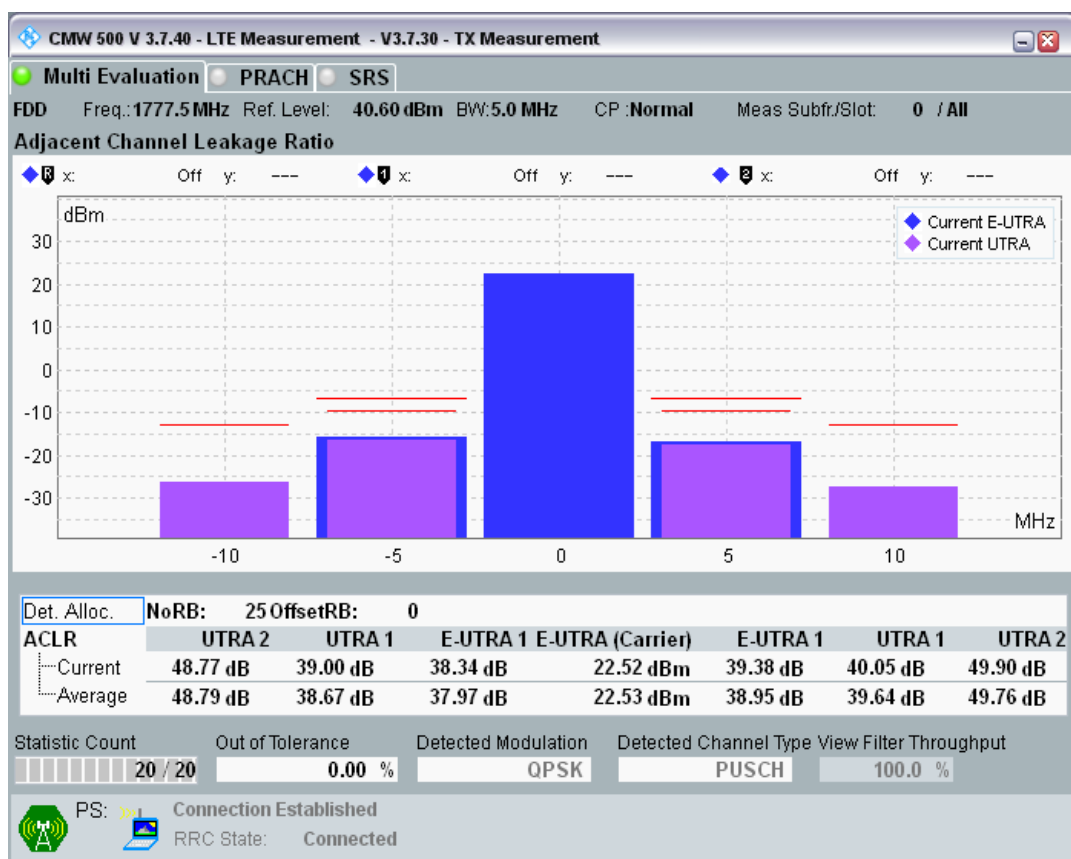




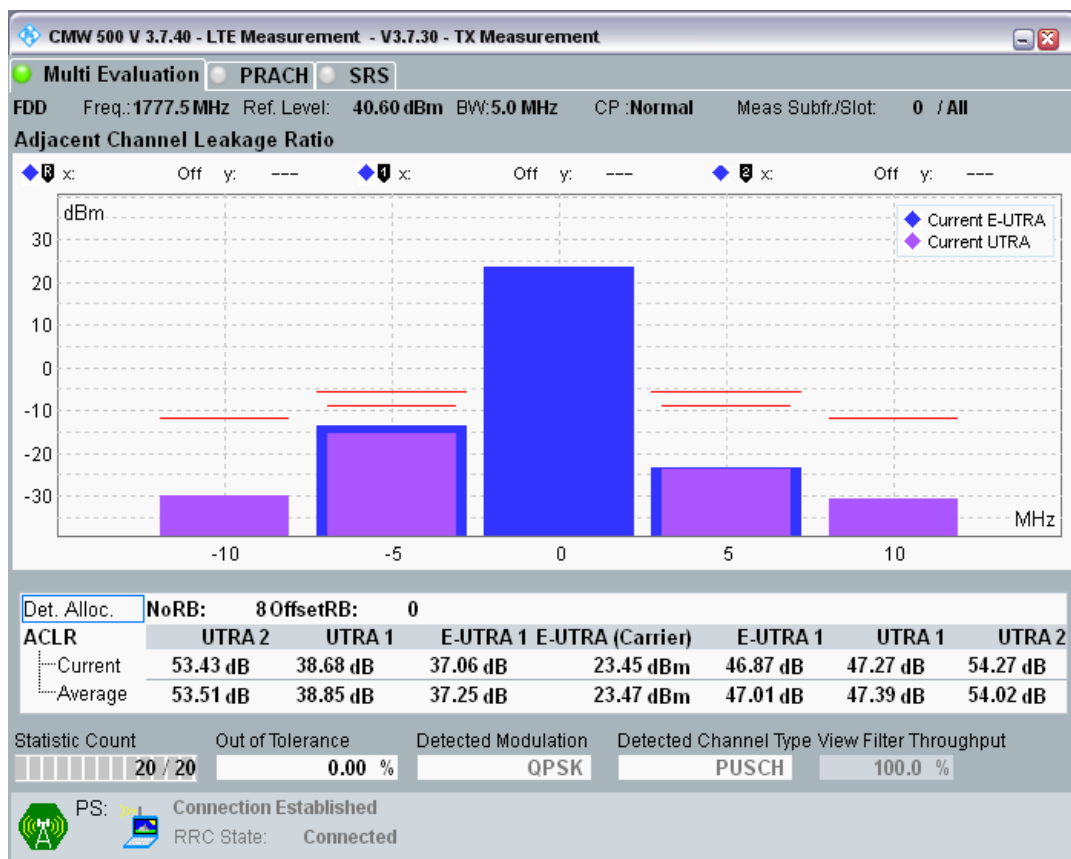
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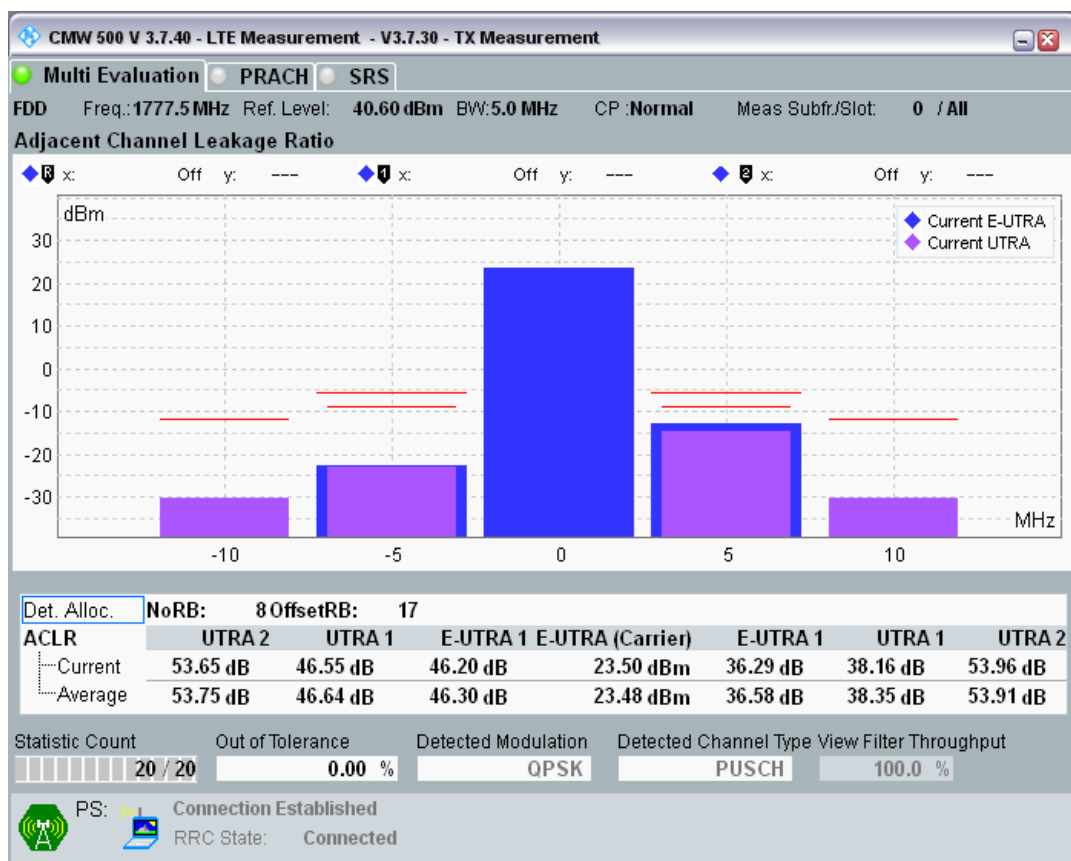
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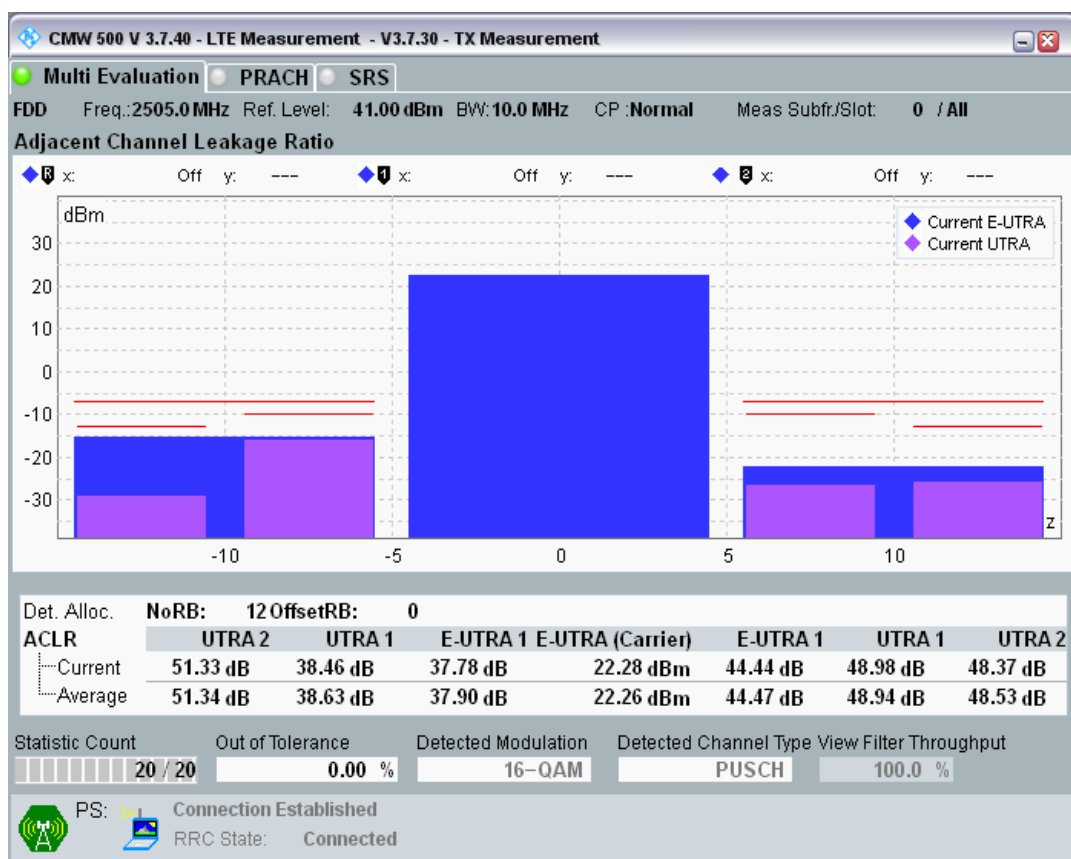
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Band3 QPSK BW=5MHz Channel=19875 RB Size=8 Position=#Max.png



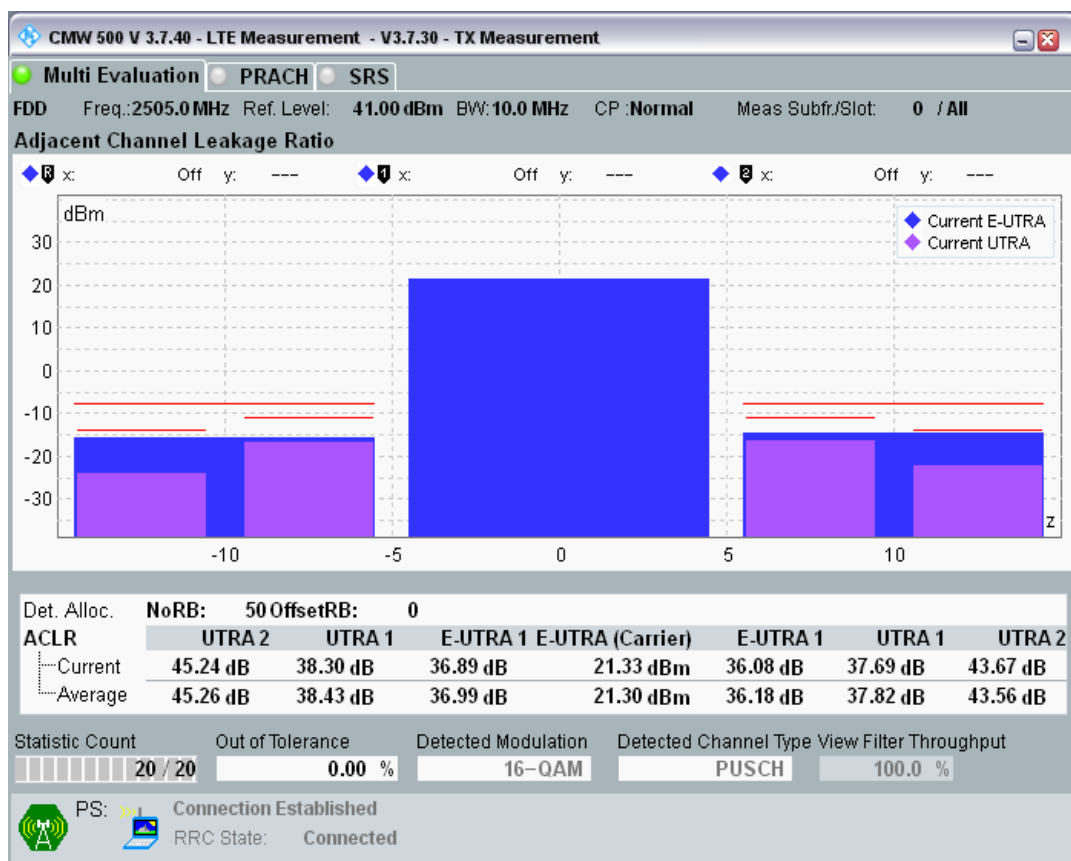
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Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



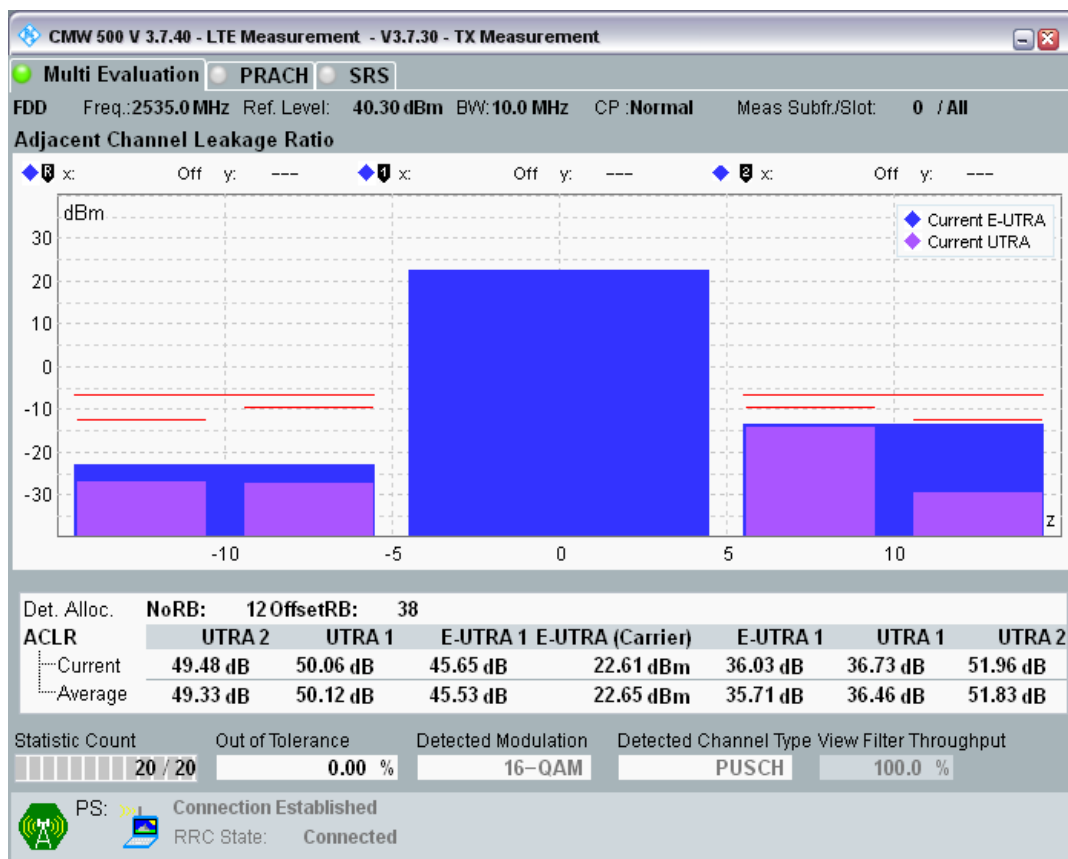
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0.png



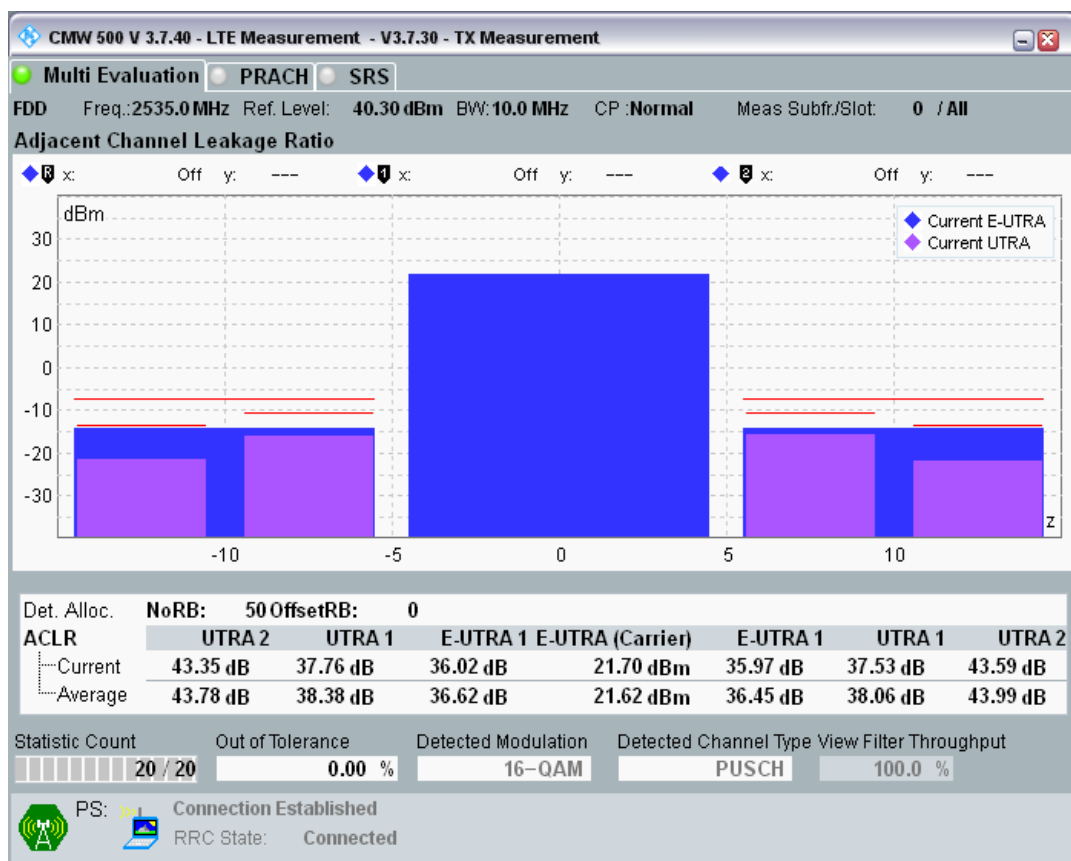
Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#0.png



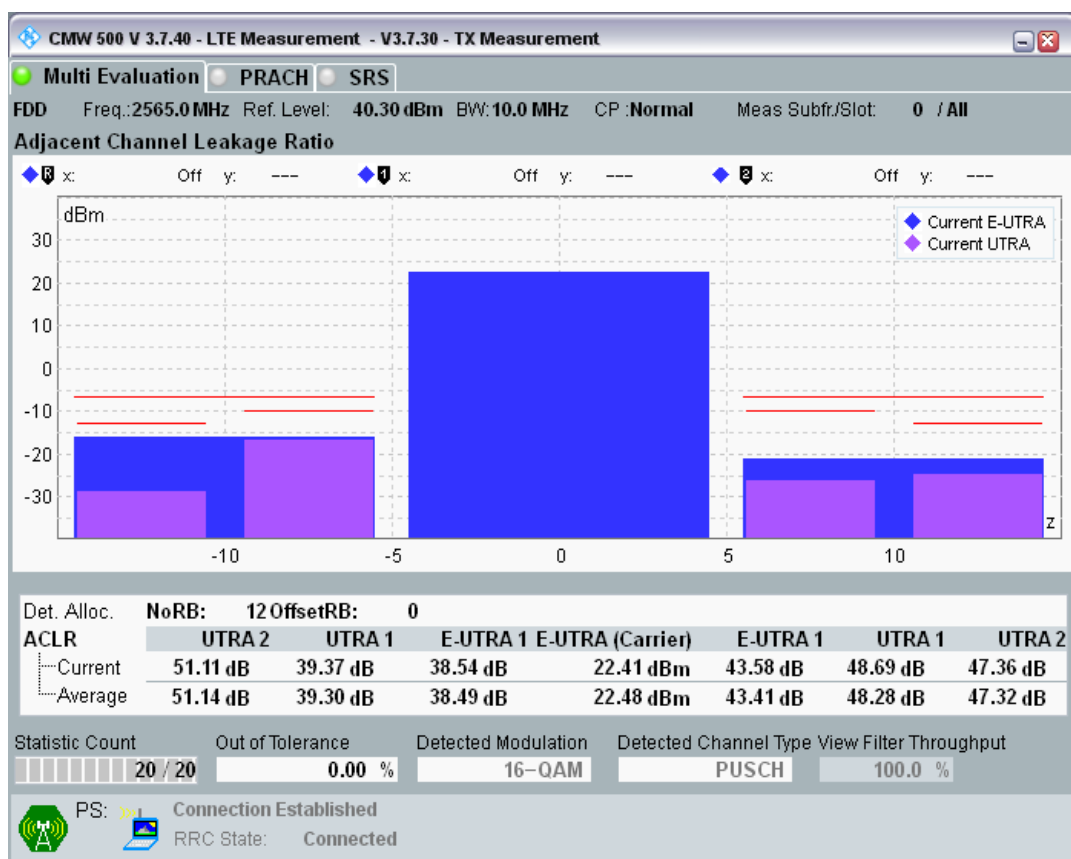
Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#Max.png



Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0.png



Band7 QAM16 BW=10MHz Channel=21400 RB Size=12 Position=#0.png

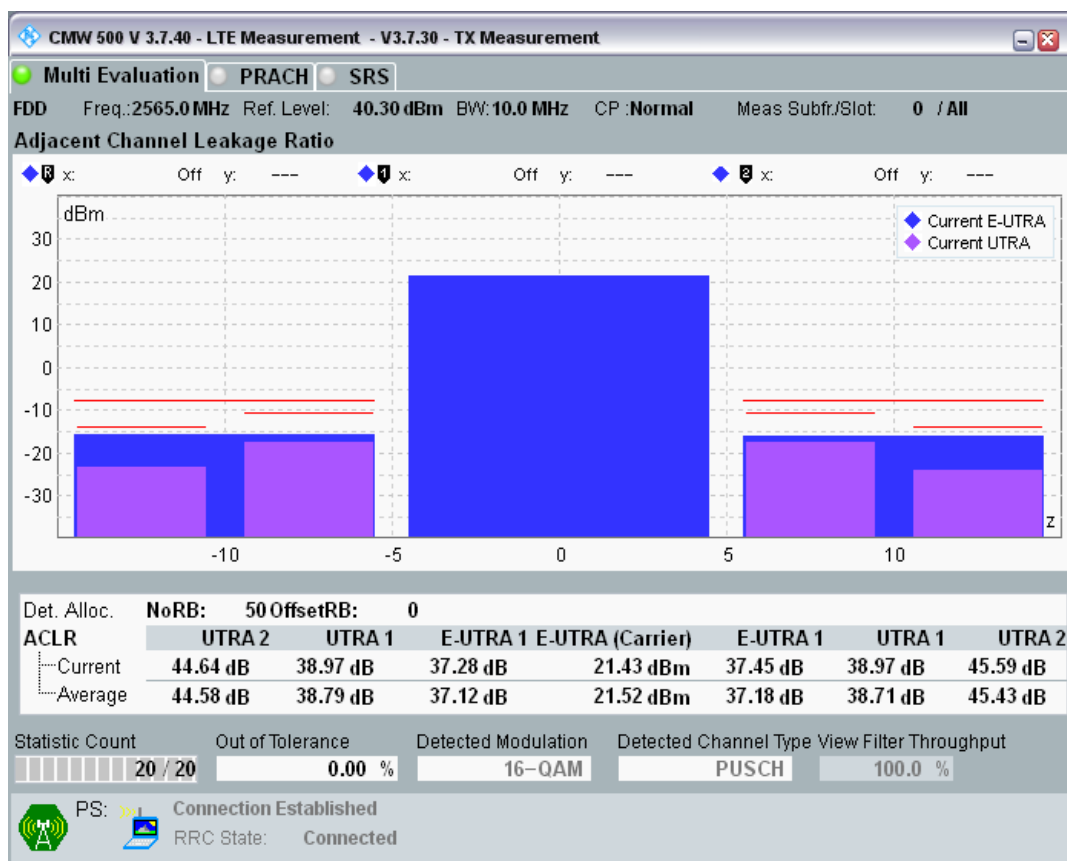


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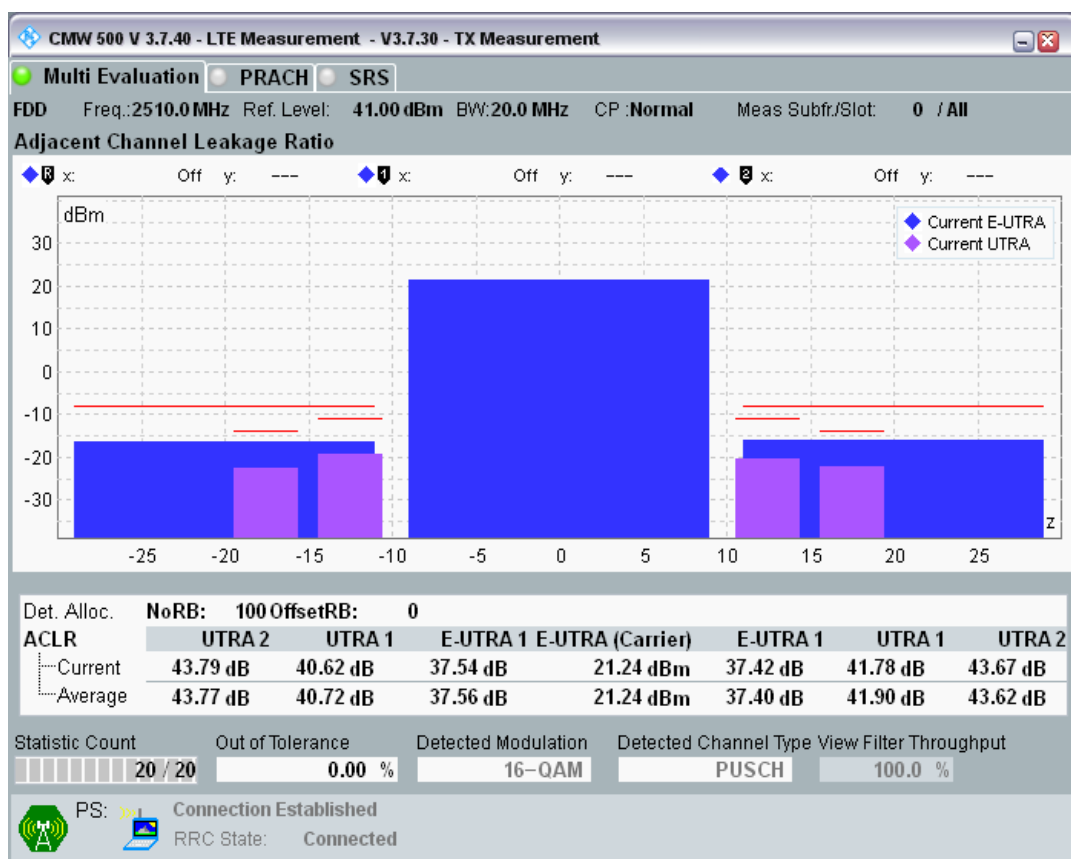




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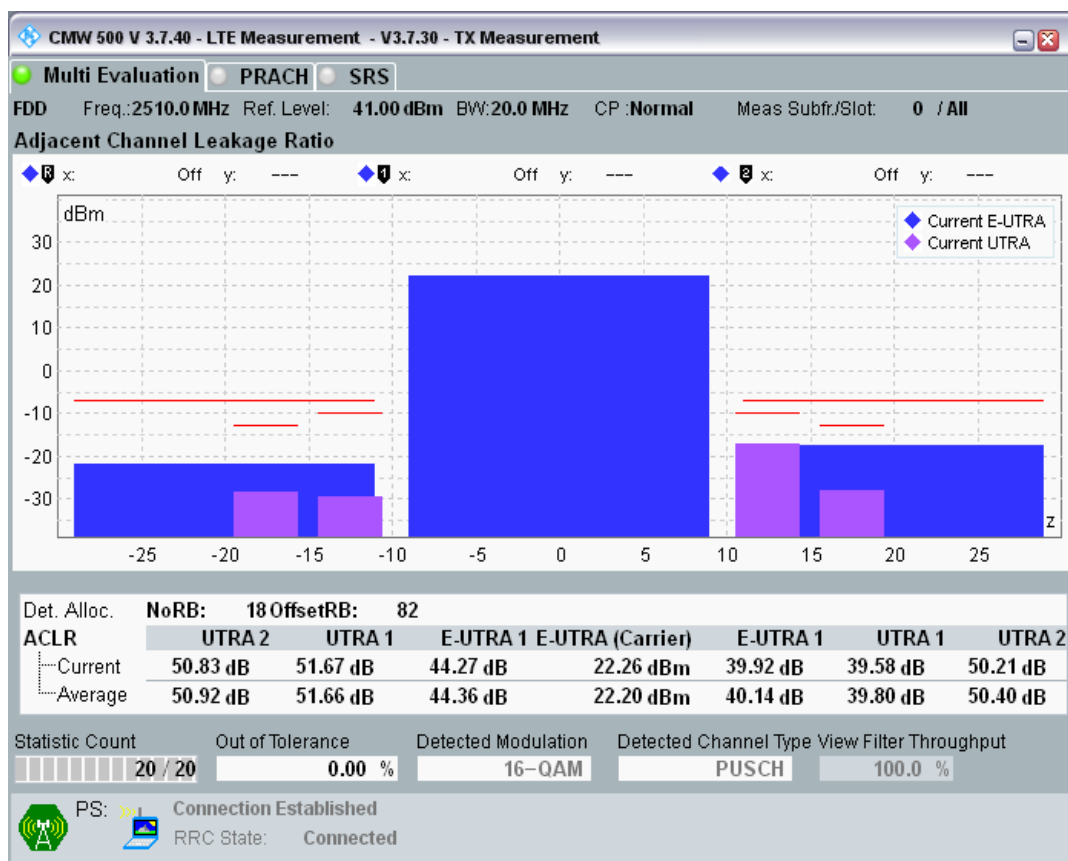
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0.png



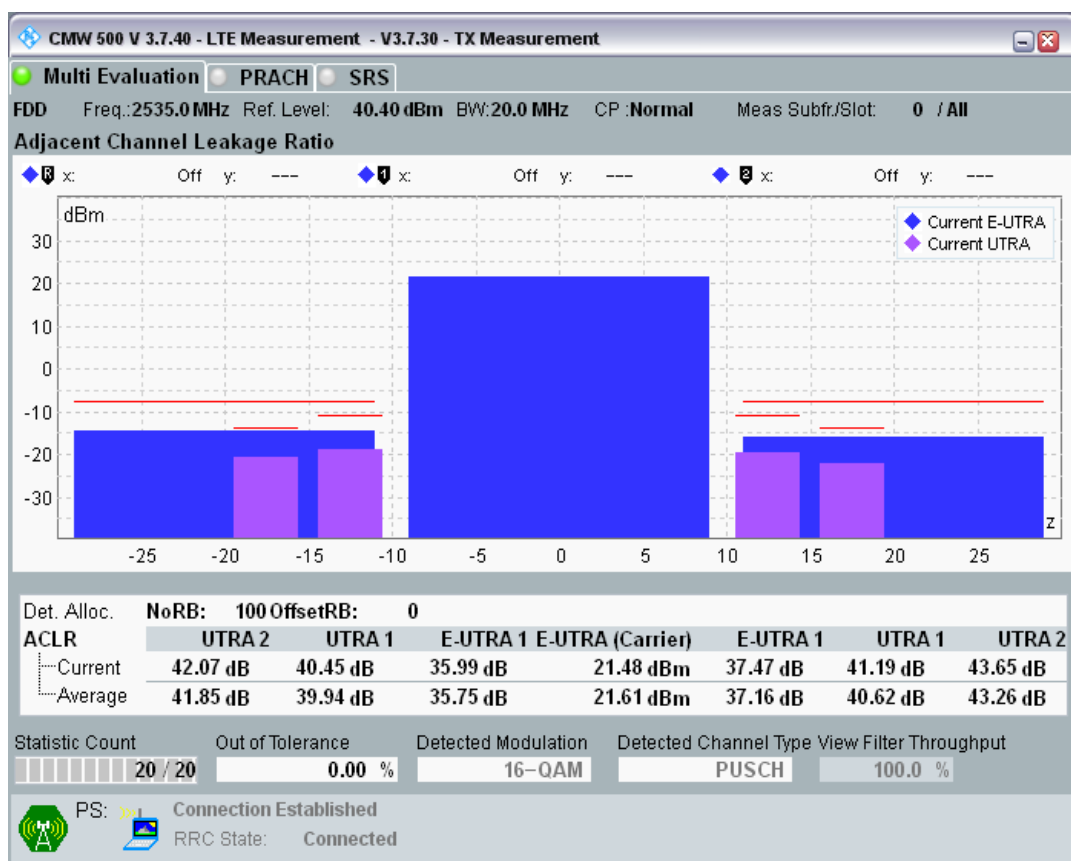
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Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#Max.png



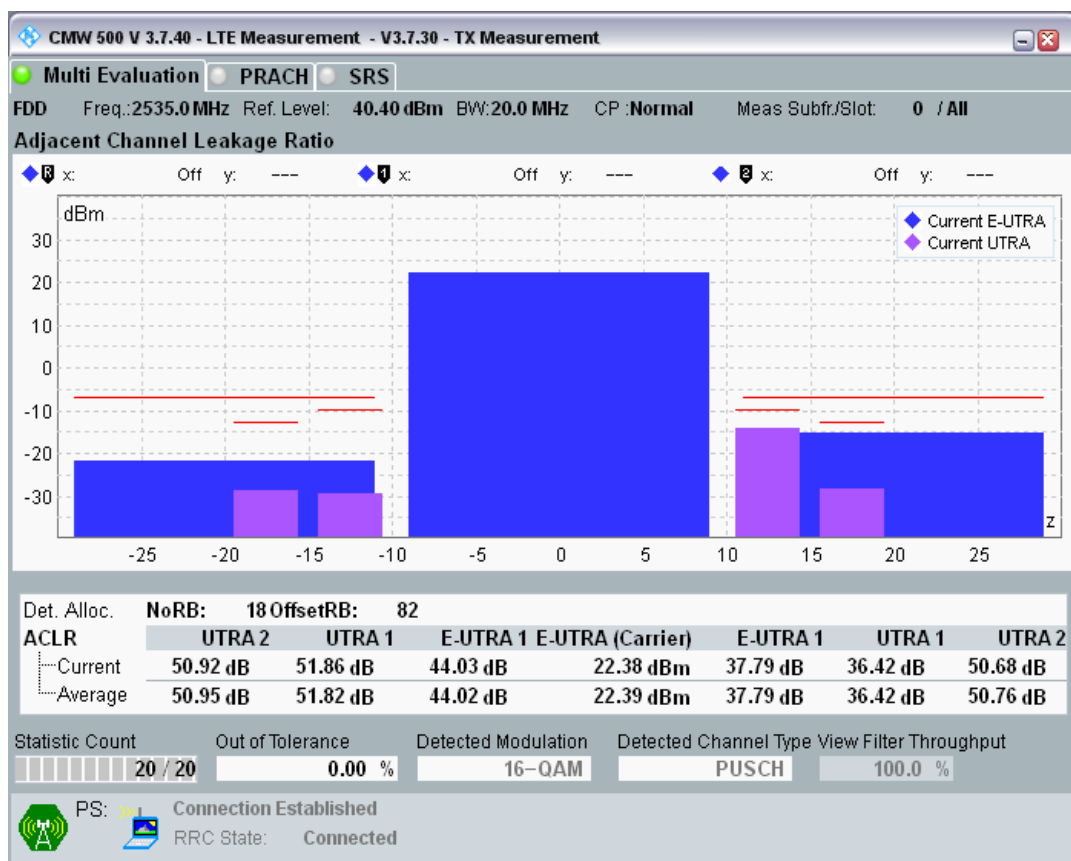
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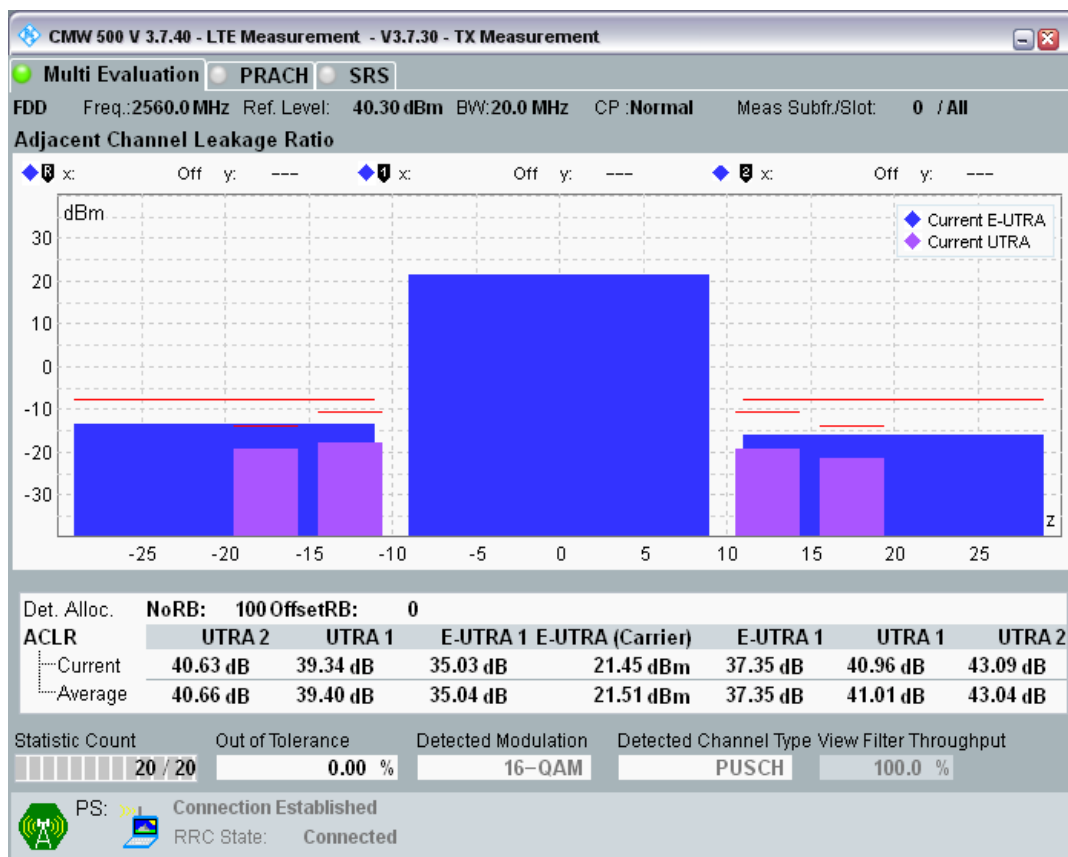
Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#0.png



Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#Max.png



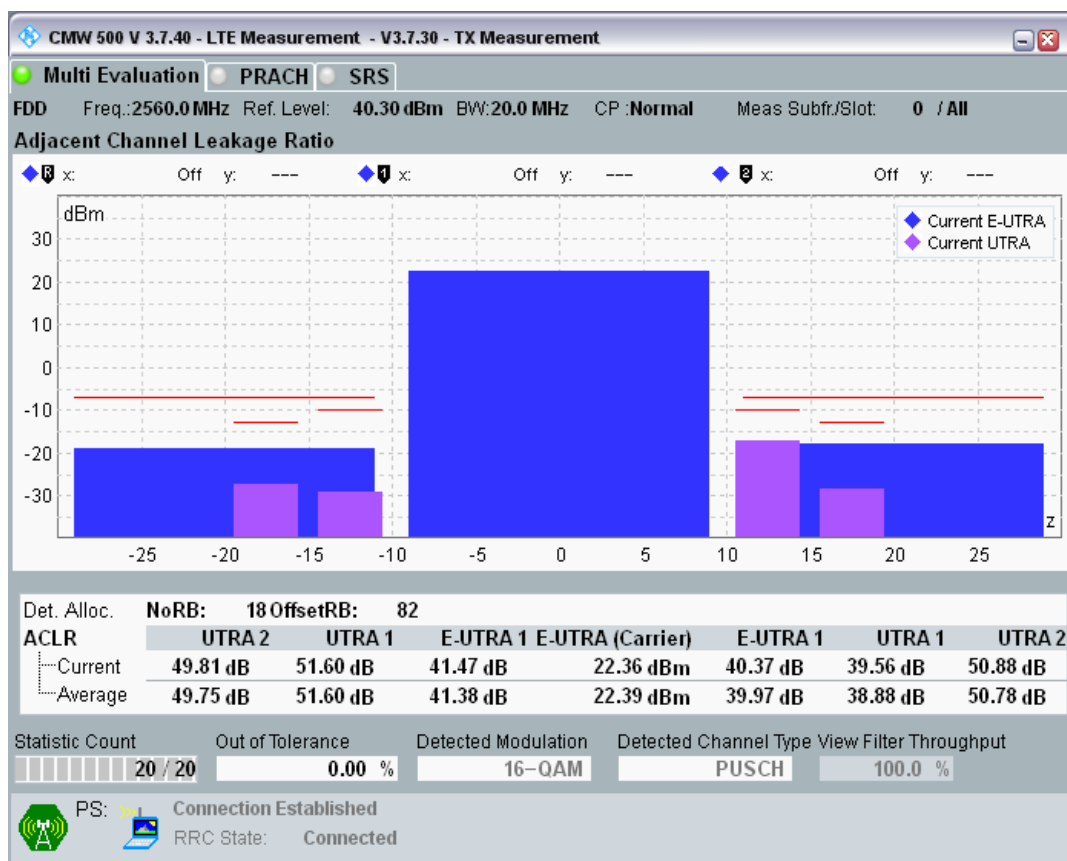
Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0.png



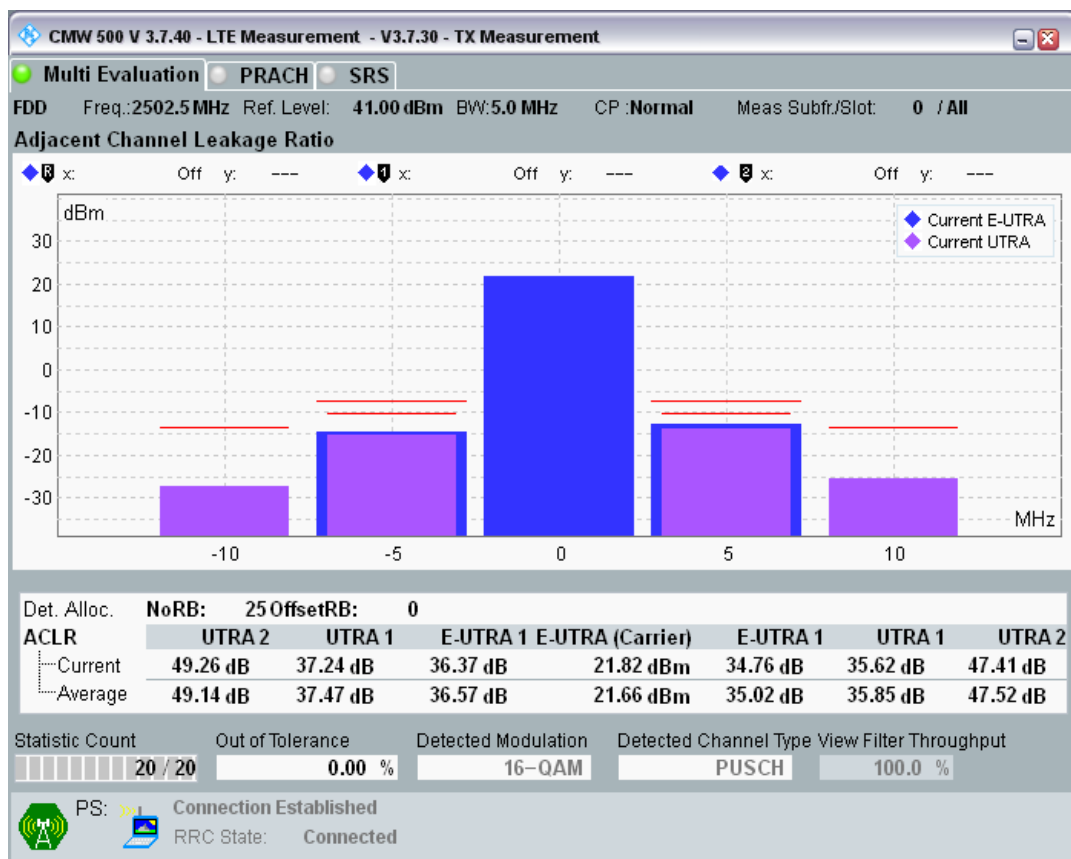
Band7 QAM16 BW=20MHz Channel=21350 RB Size=18 Position=#0.png



Band7 QAM16 BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0.png

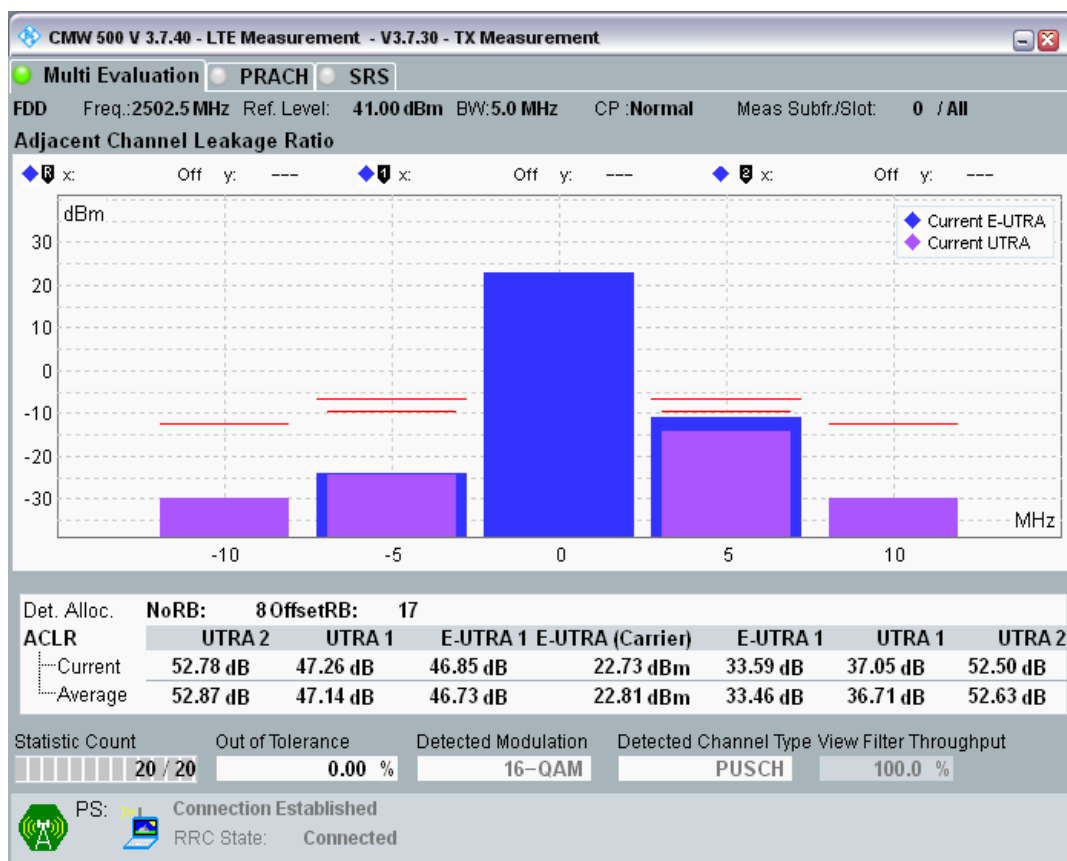


Band7 QAM16 BW=5MHz Channel=20775 RB Size=8 Position=#0.png





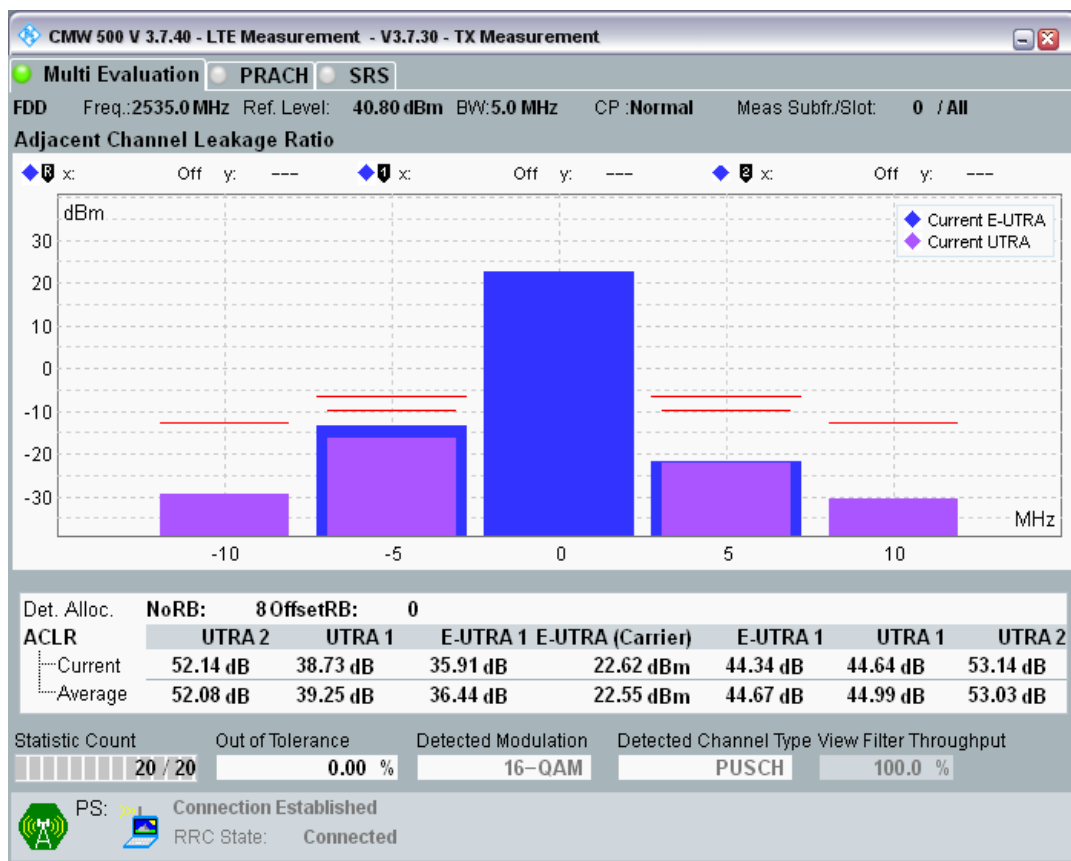
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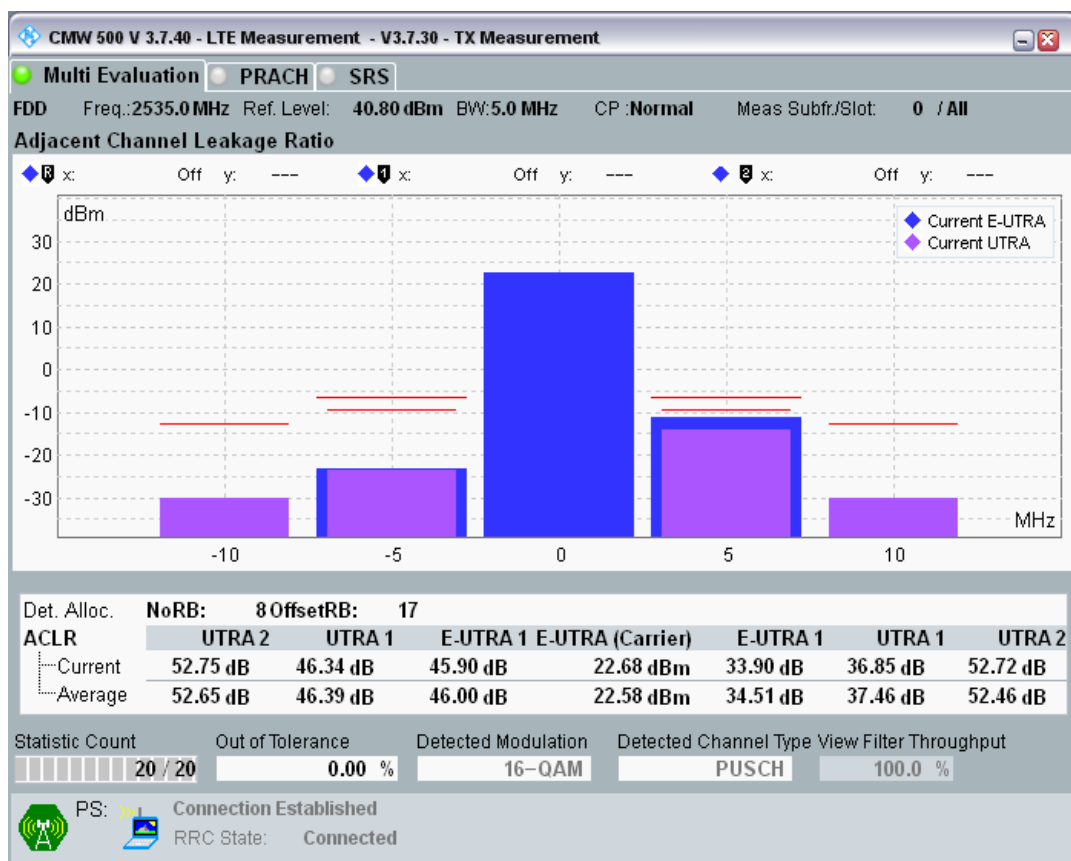
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0.png



Band7 QAM16 BW=5MHz Channel=21100 RB Size=8 Position=#0.png



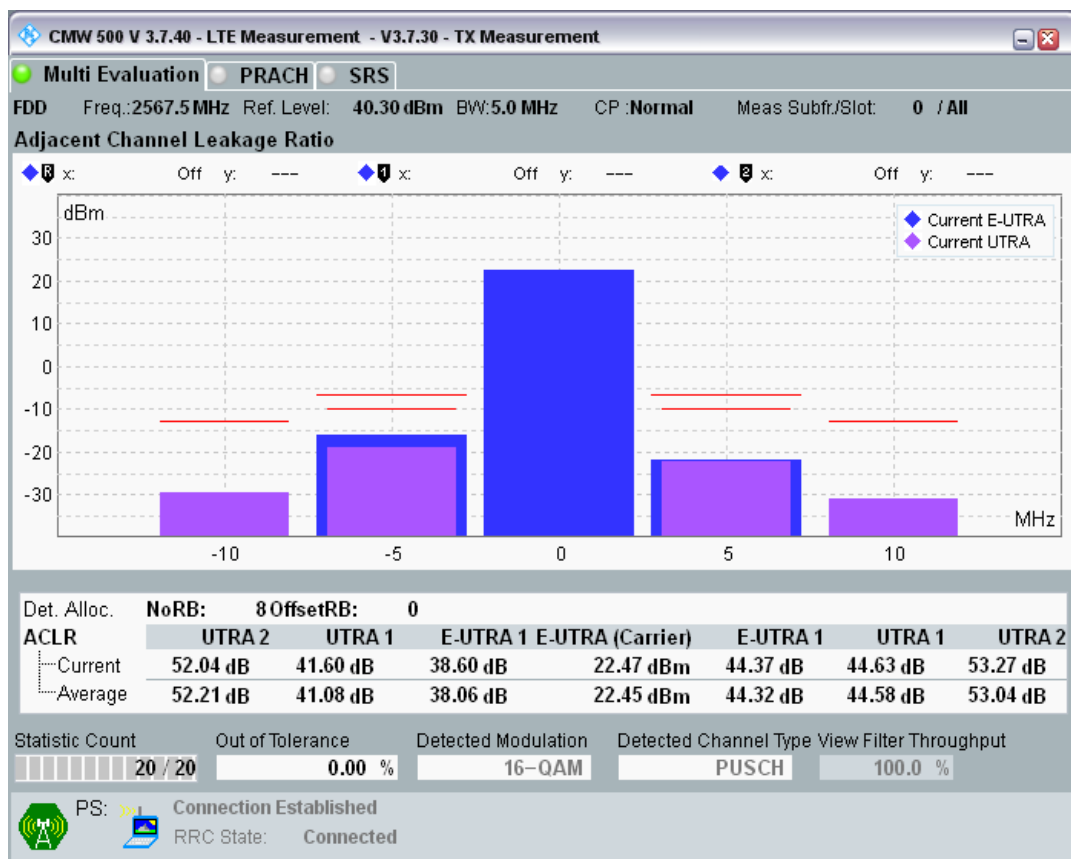
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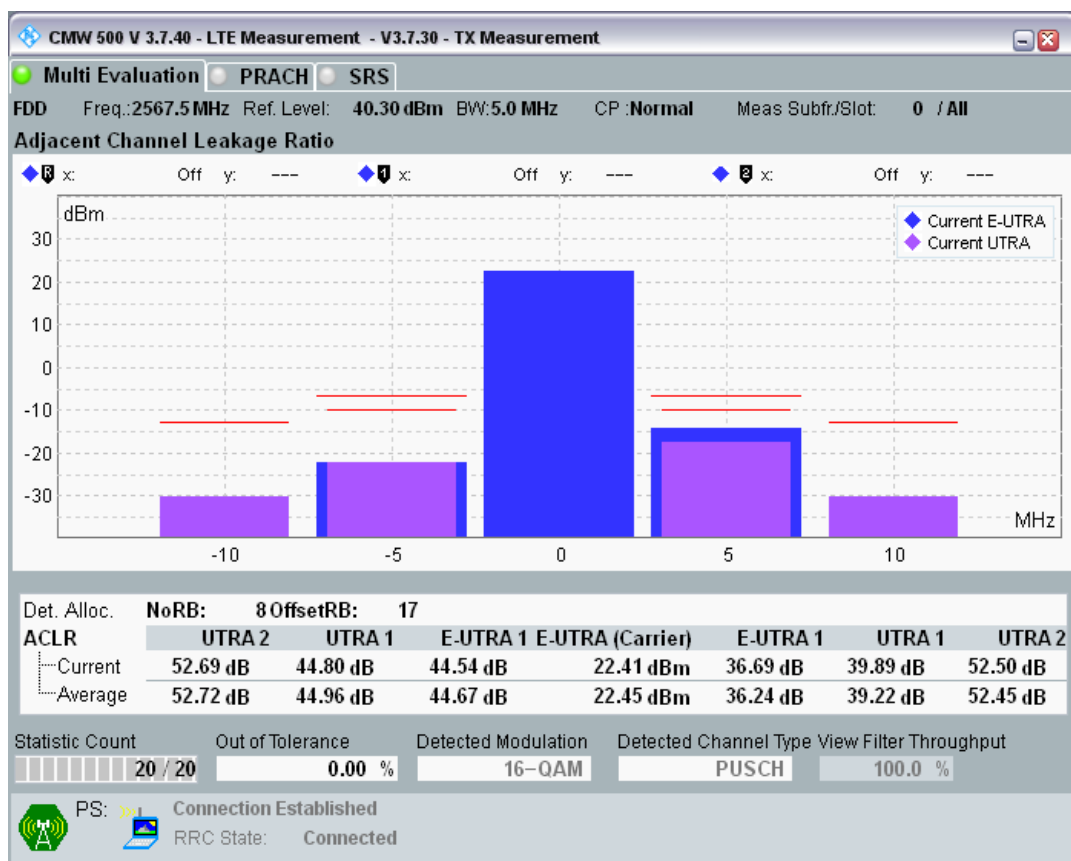
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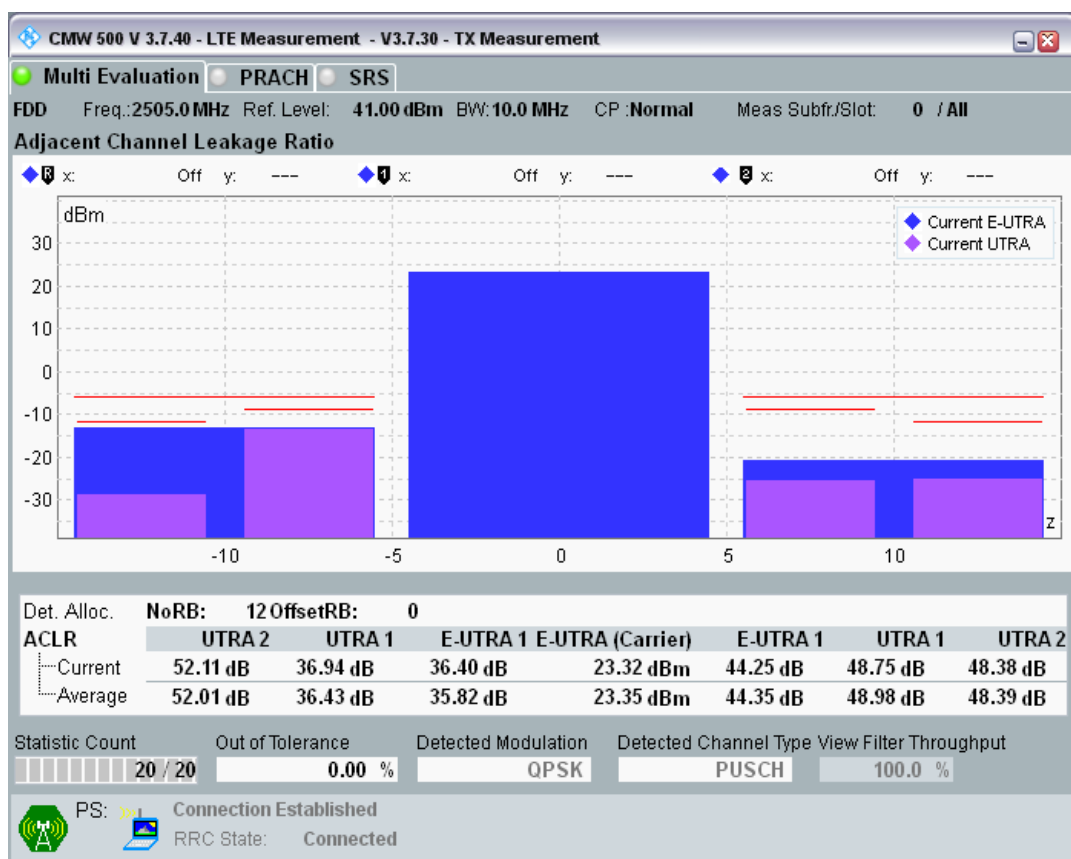
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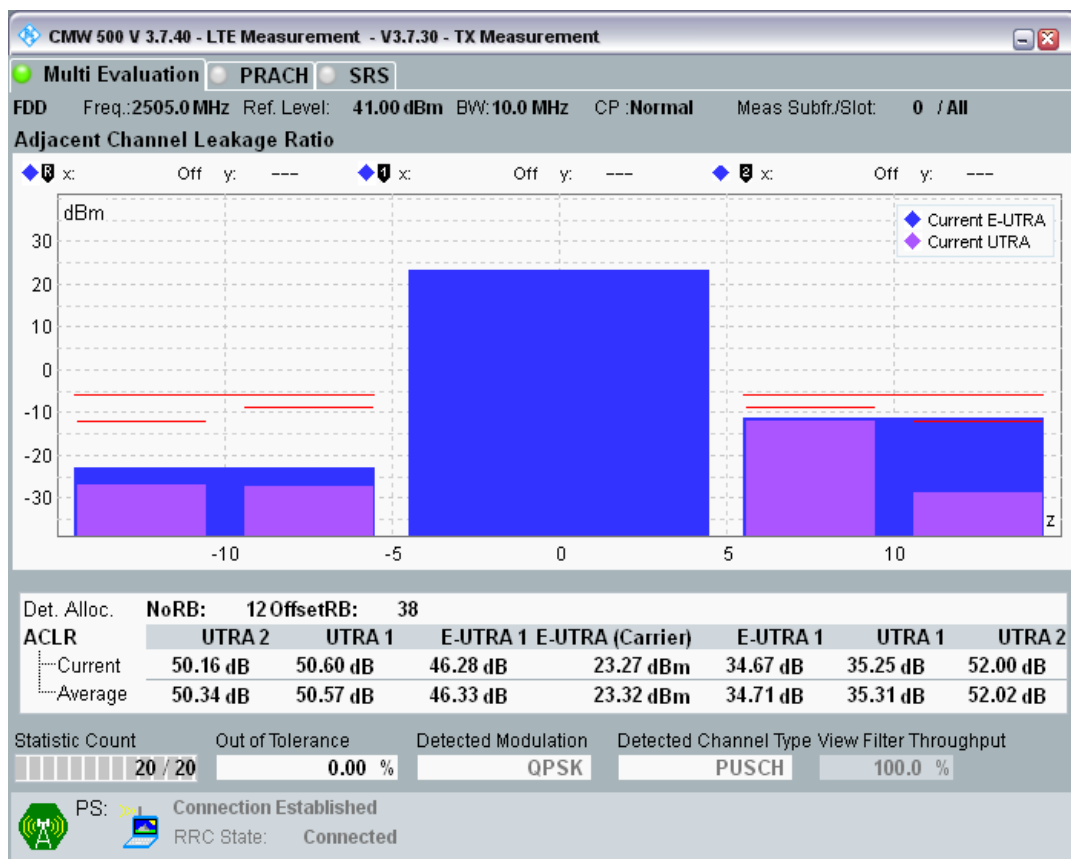
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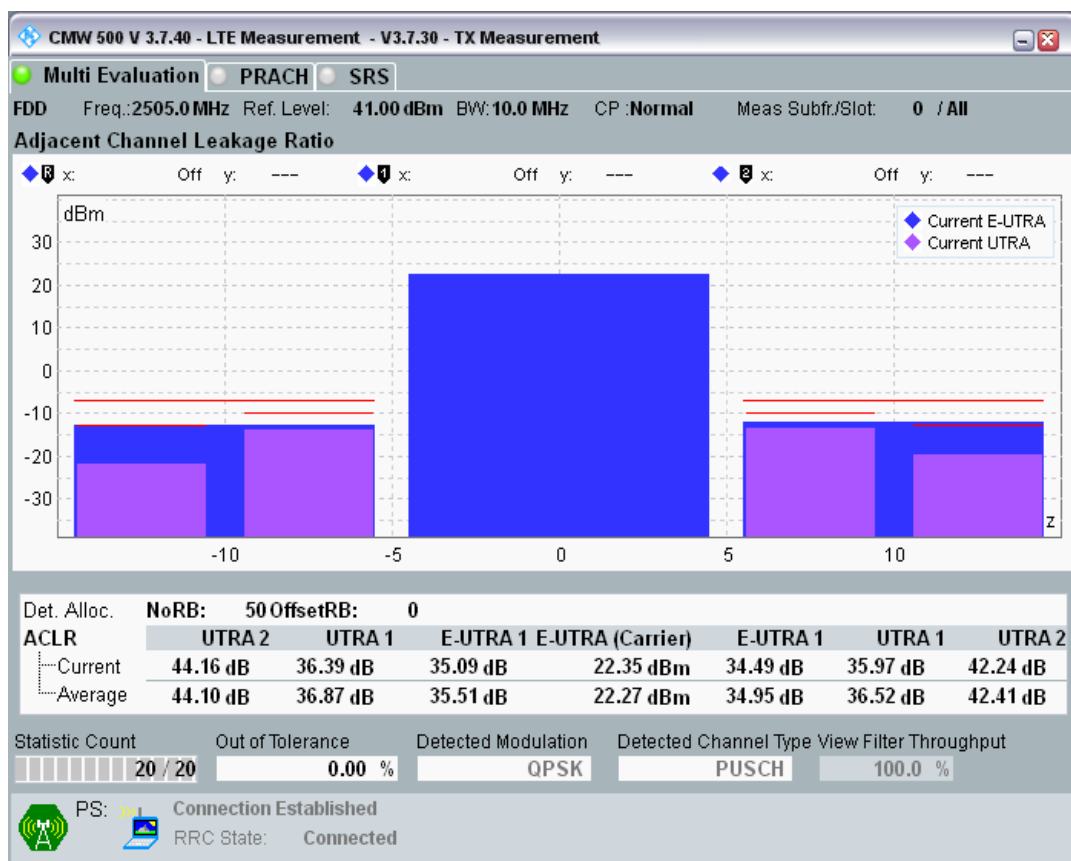
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#0.png



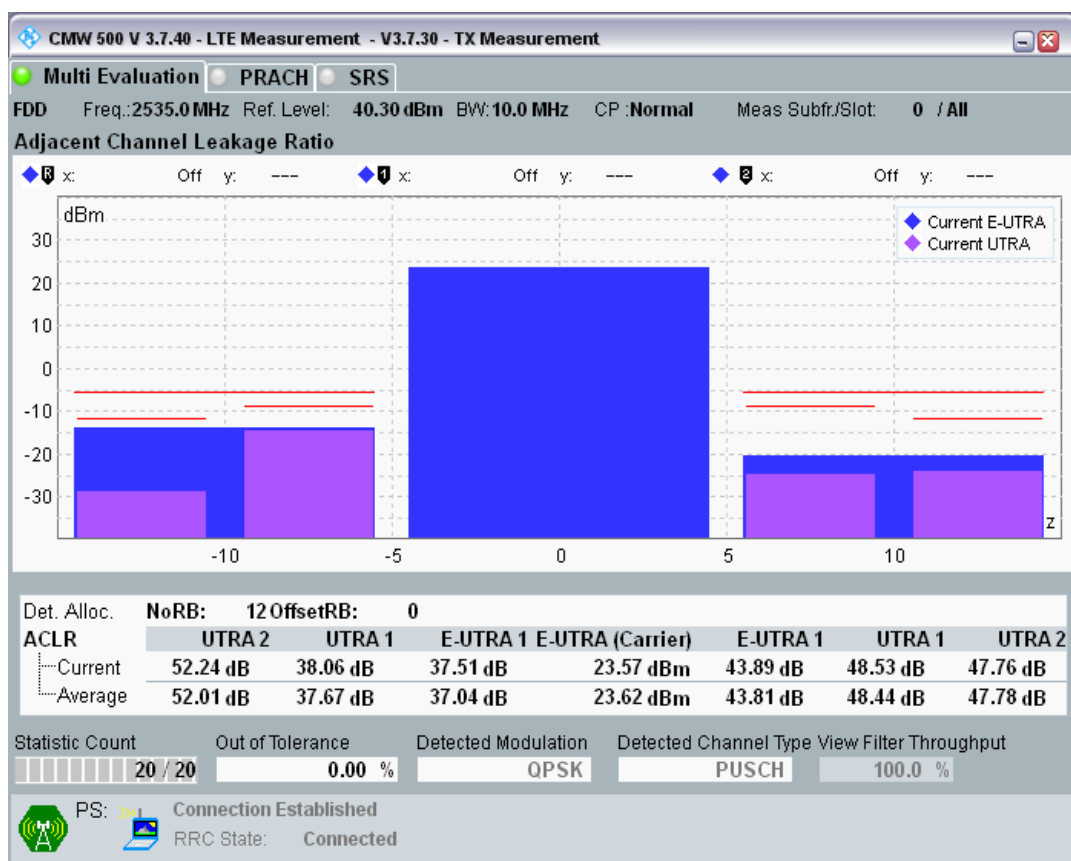
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



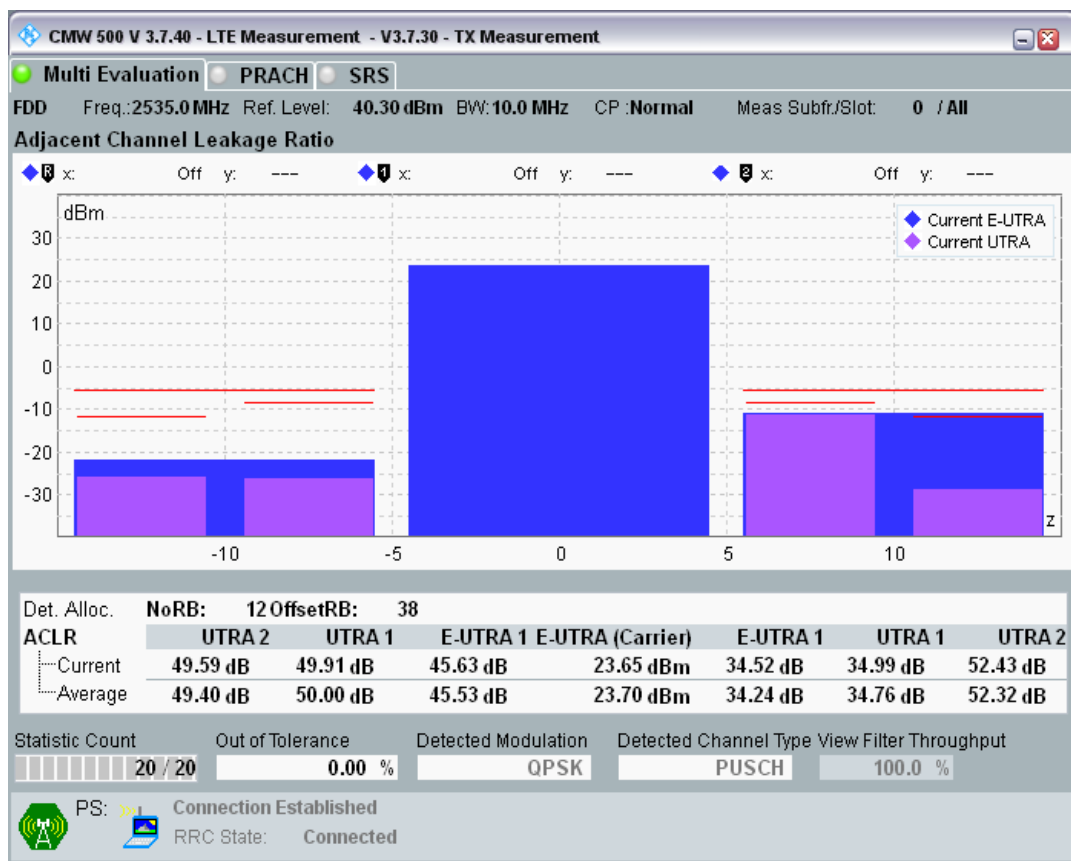
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0.png



Band7 QPSK BW=10MHz Channel=21100 RB Size=12 Position=#0.png

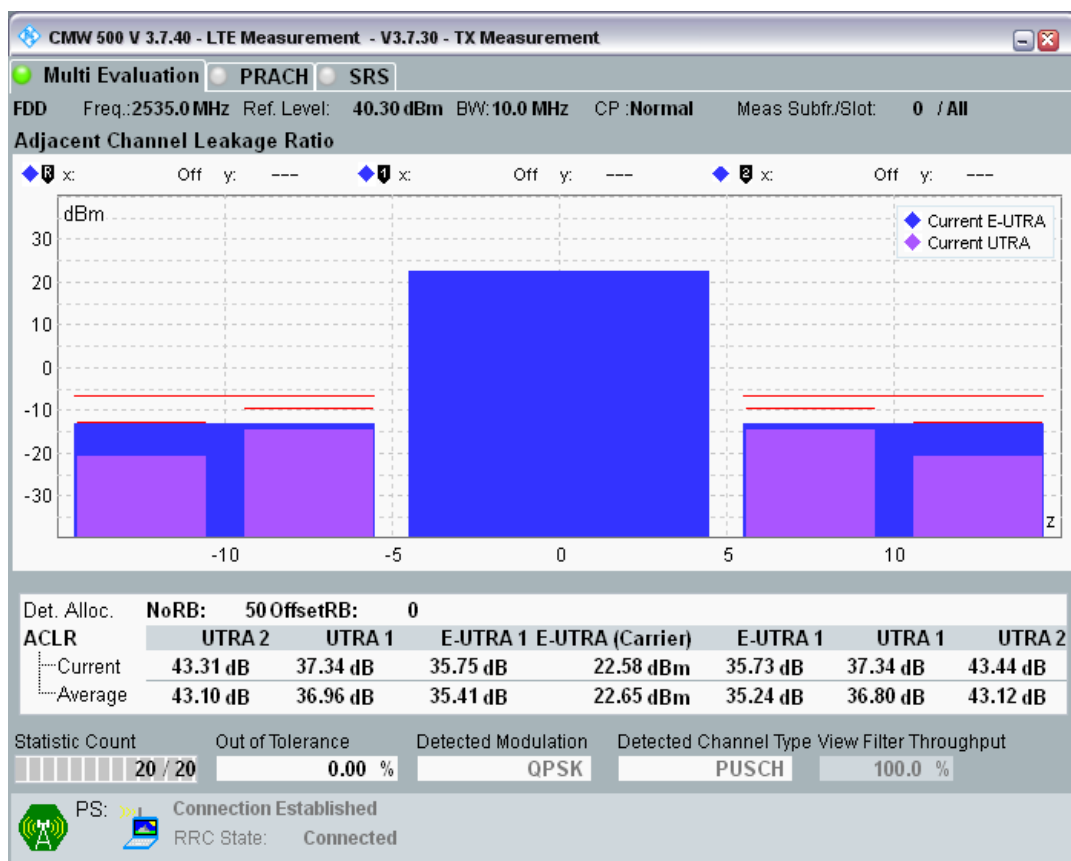


Band7 QPSK BW=10MHz Channel=21100 RB Size=12 Position=#Max.png

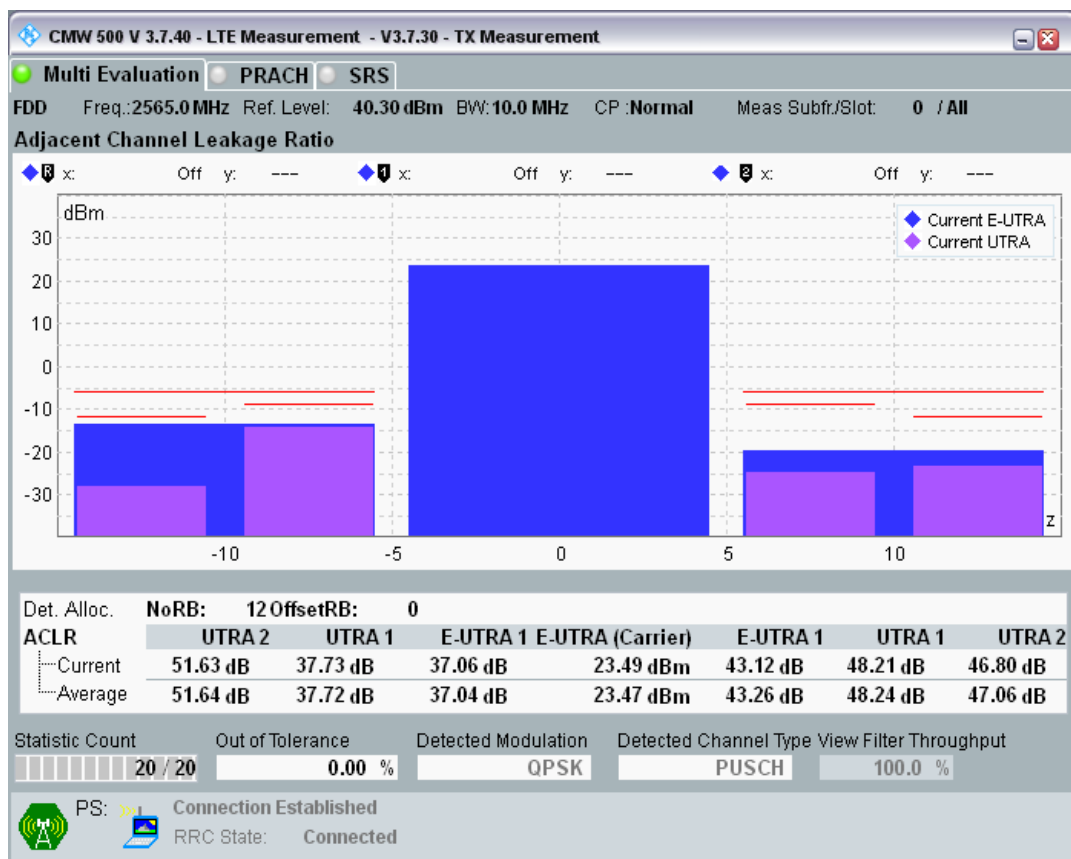




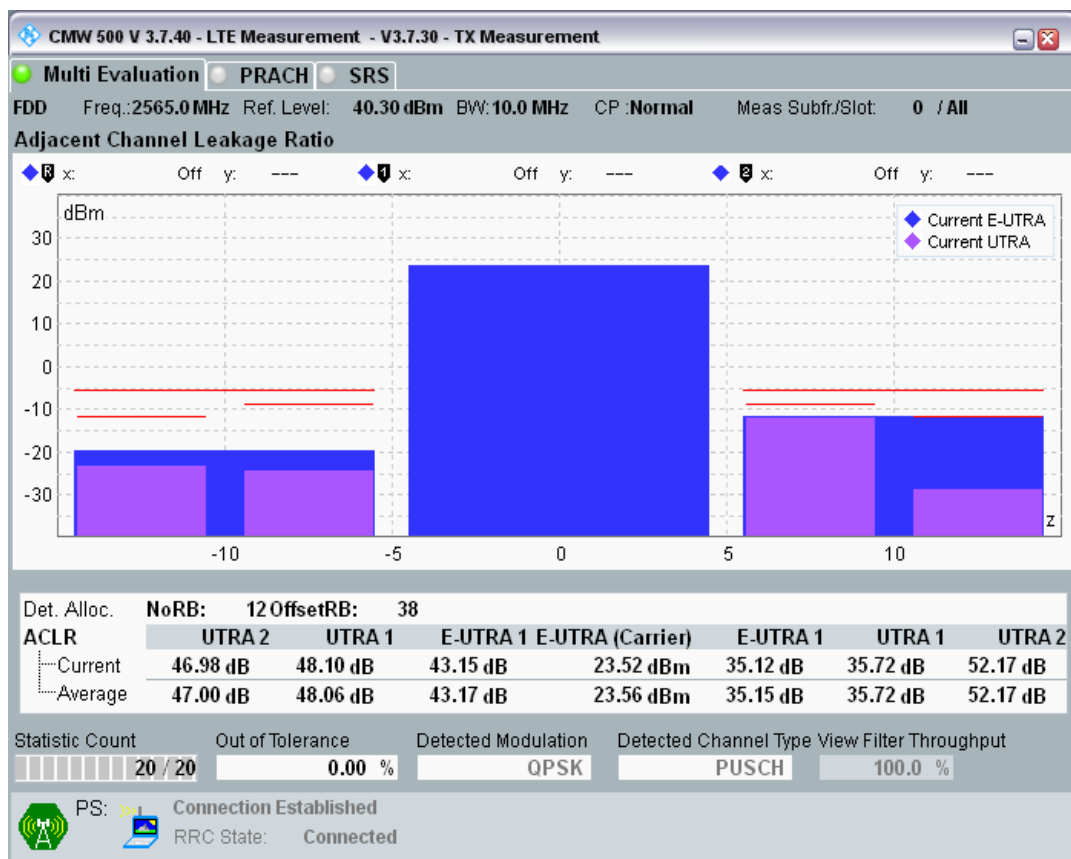
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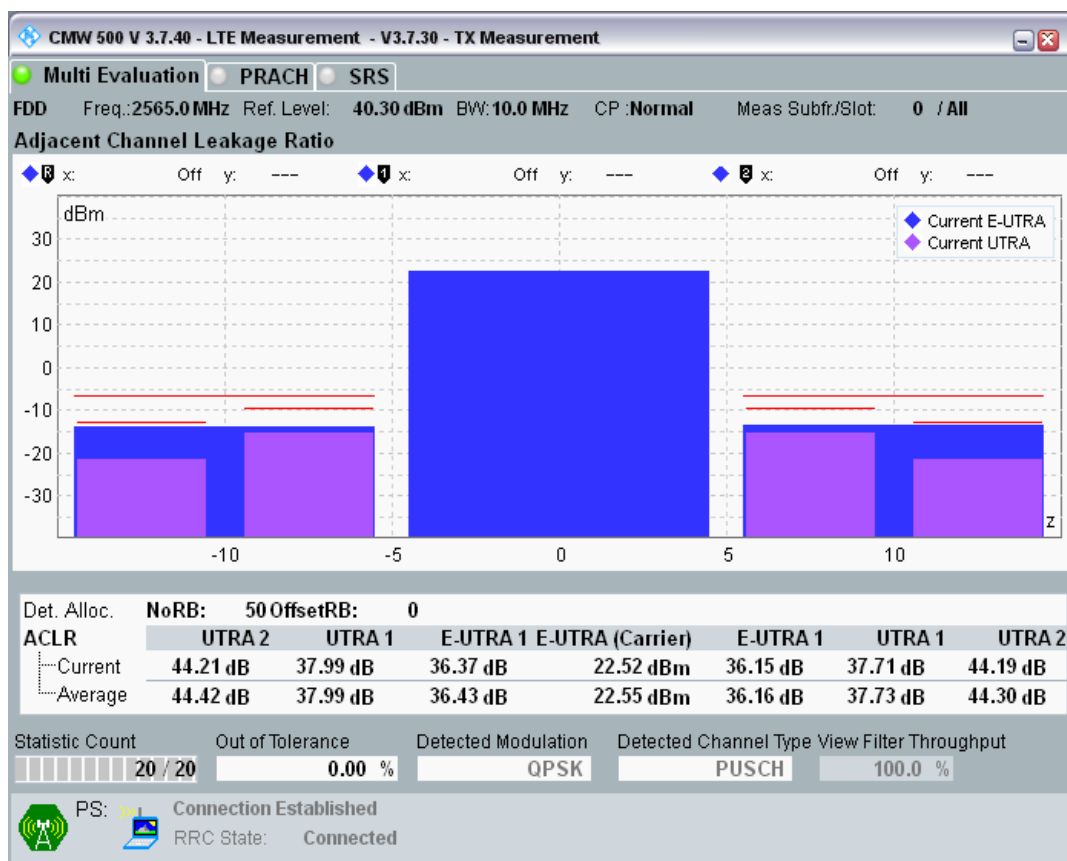
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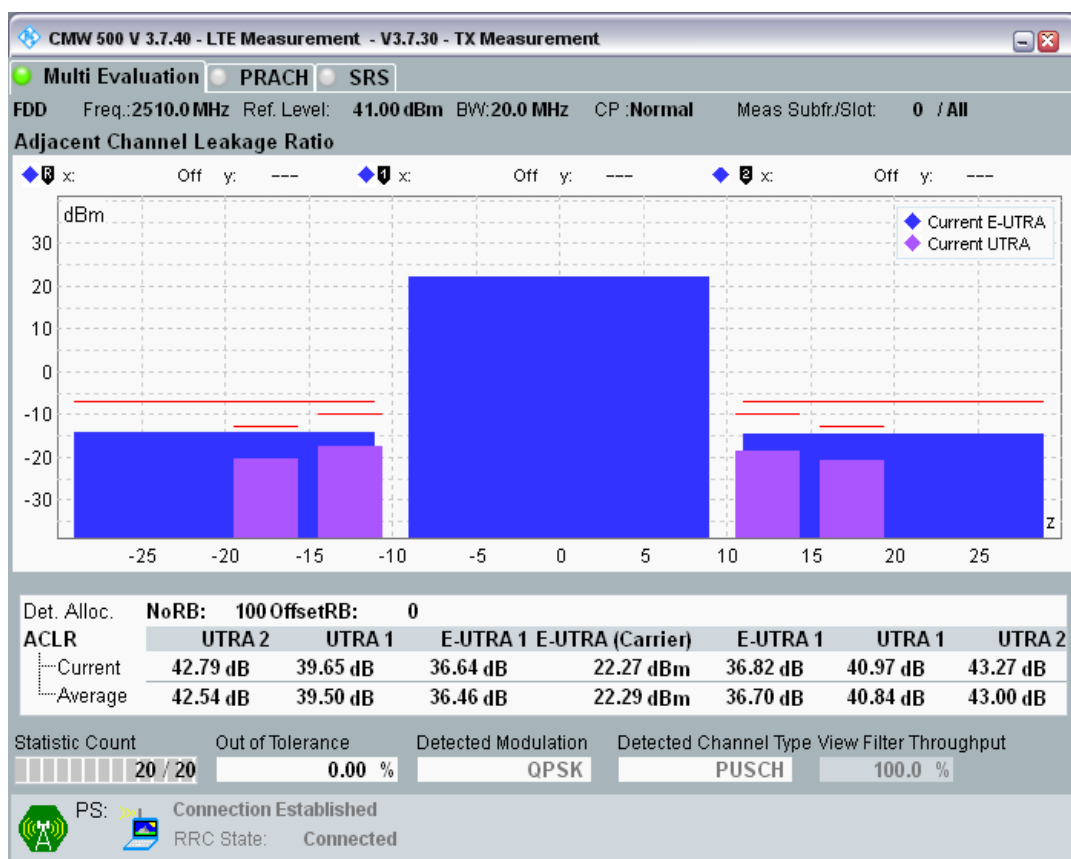
Band7 QPSK BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0.png



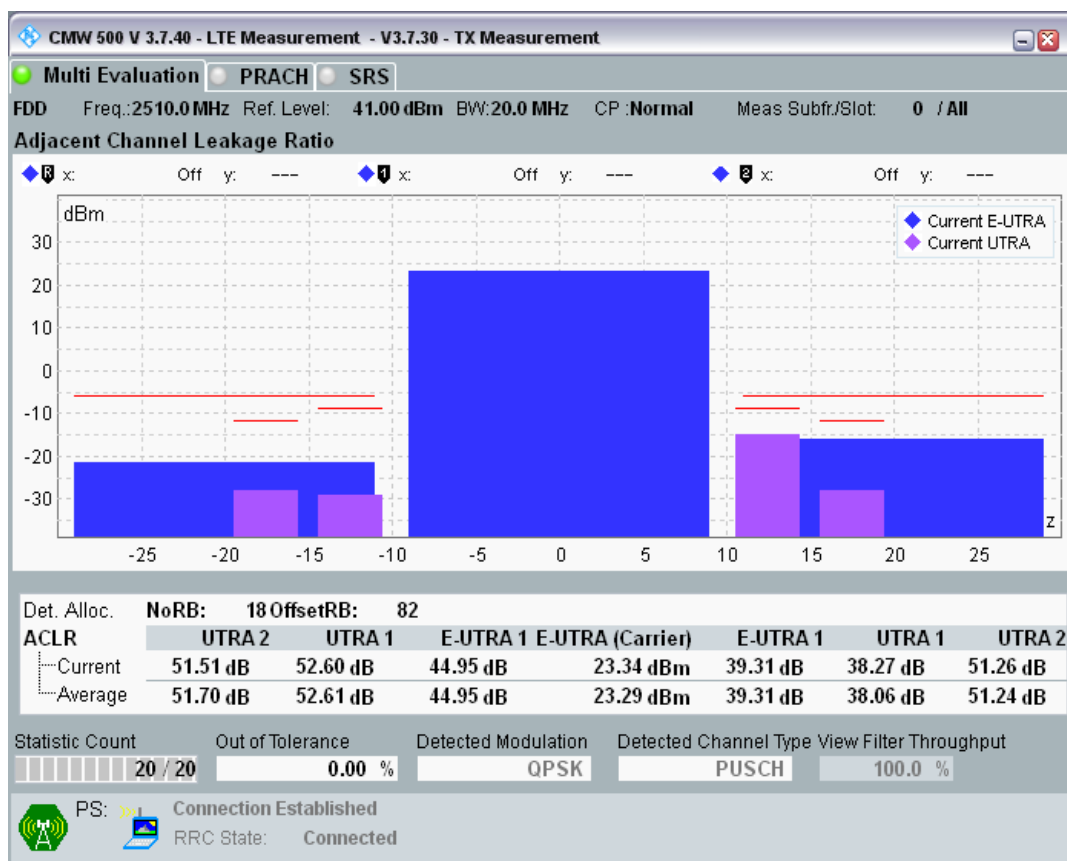
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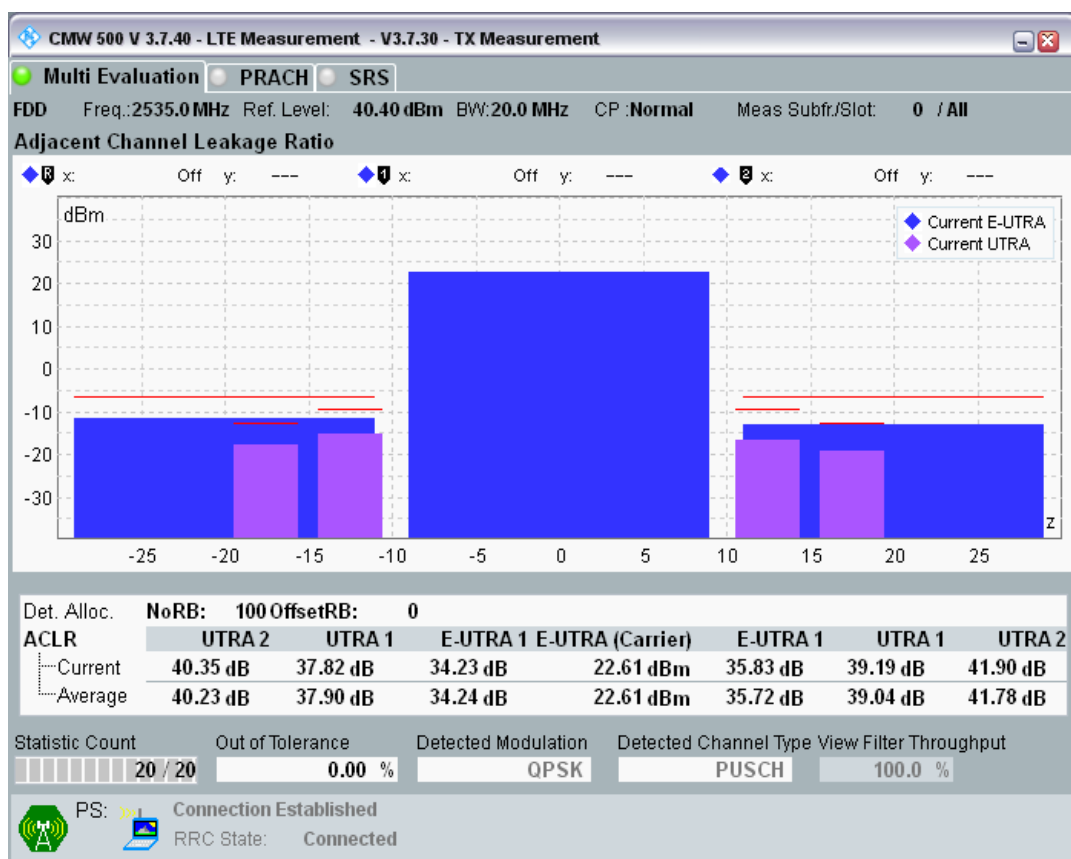
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Band7 QPSK BW=20MHz Channel=20850 RB Size=18 Position=#Max.png



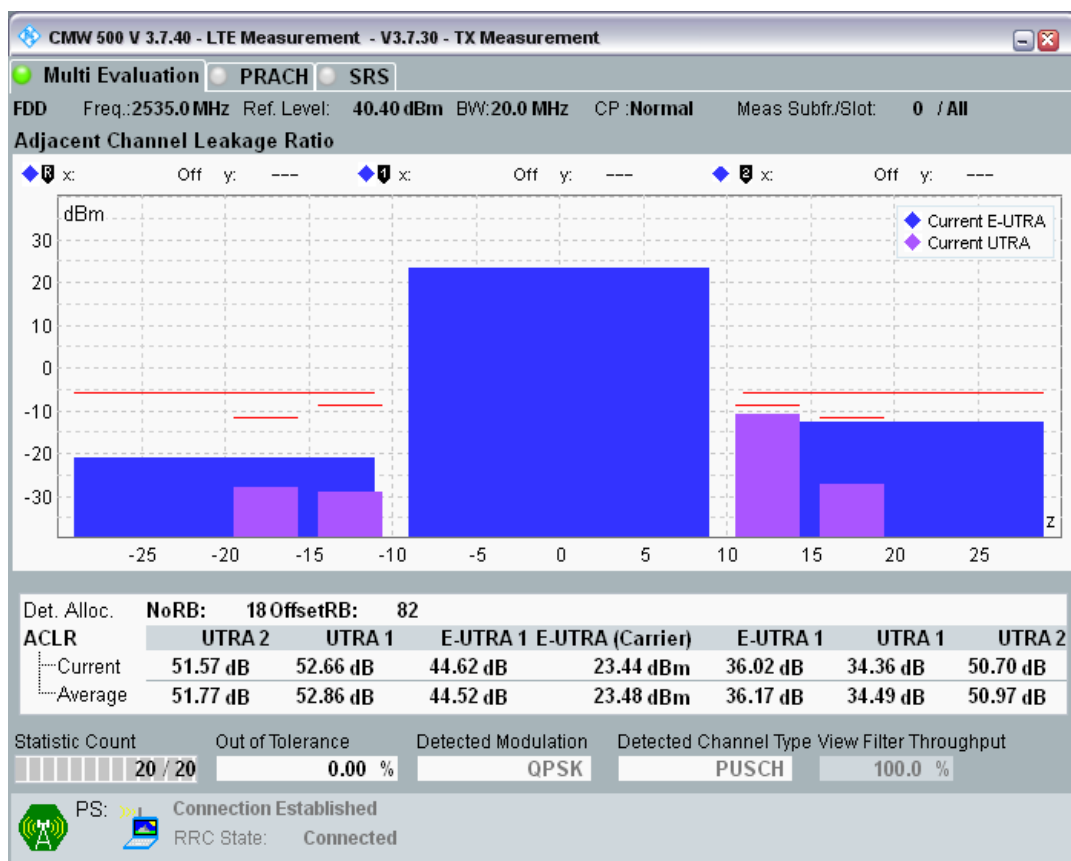
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0.png



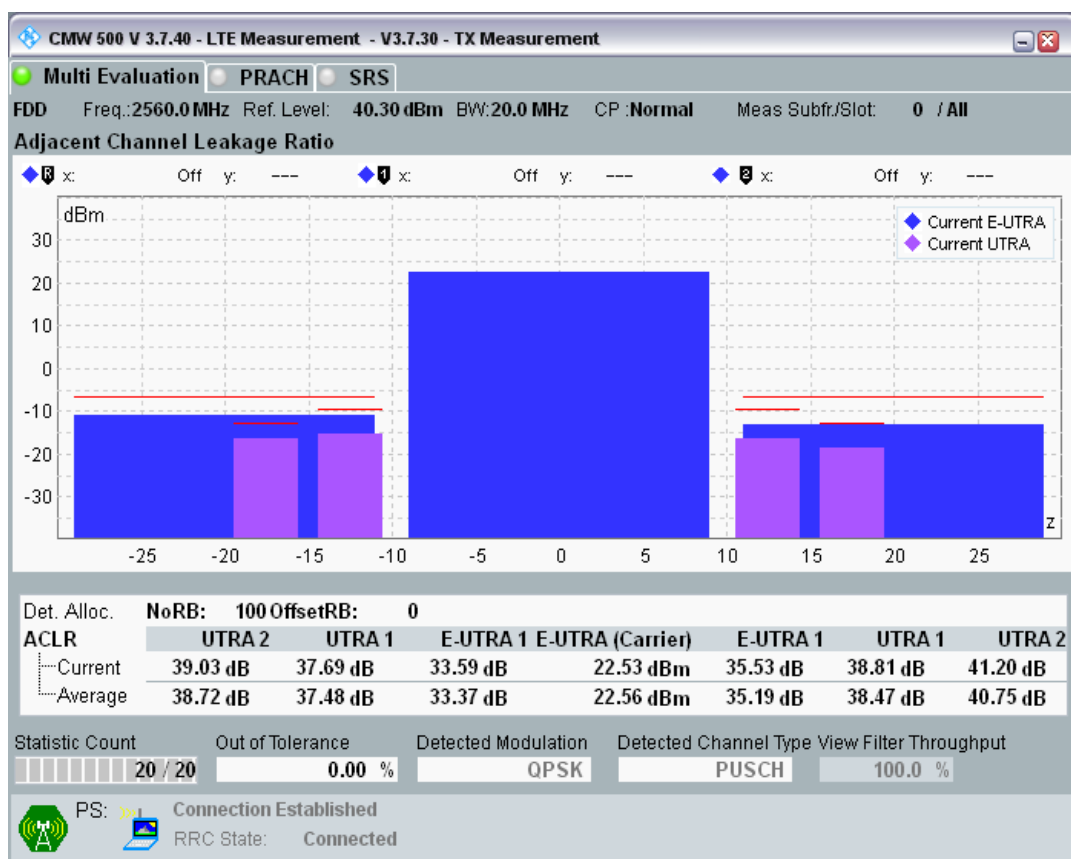
Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#0.png



Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#Max.png



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0.png

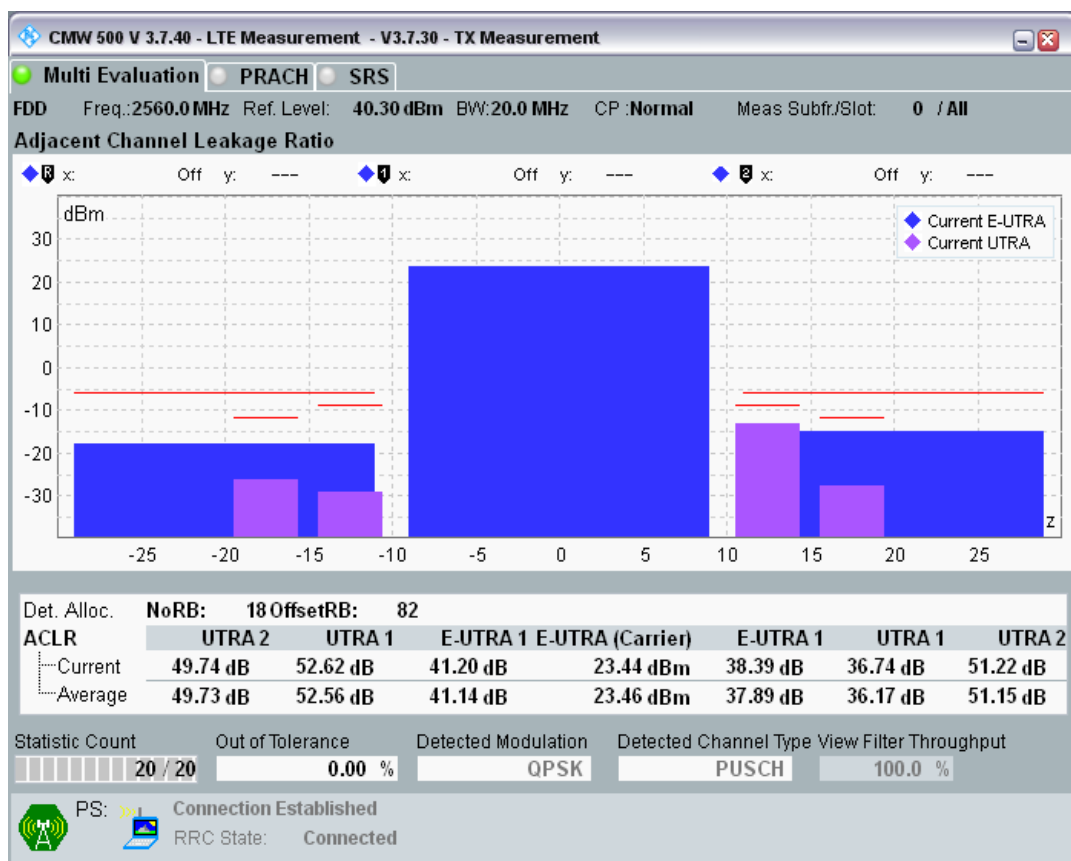


Band7 QPSK BW=20MHz Channel=21350 RB Size=18 Position=#0.png

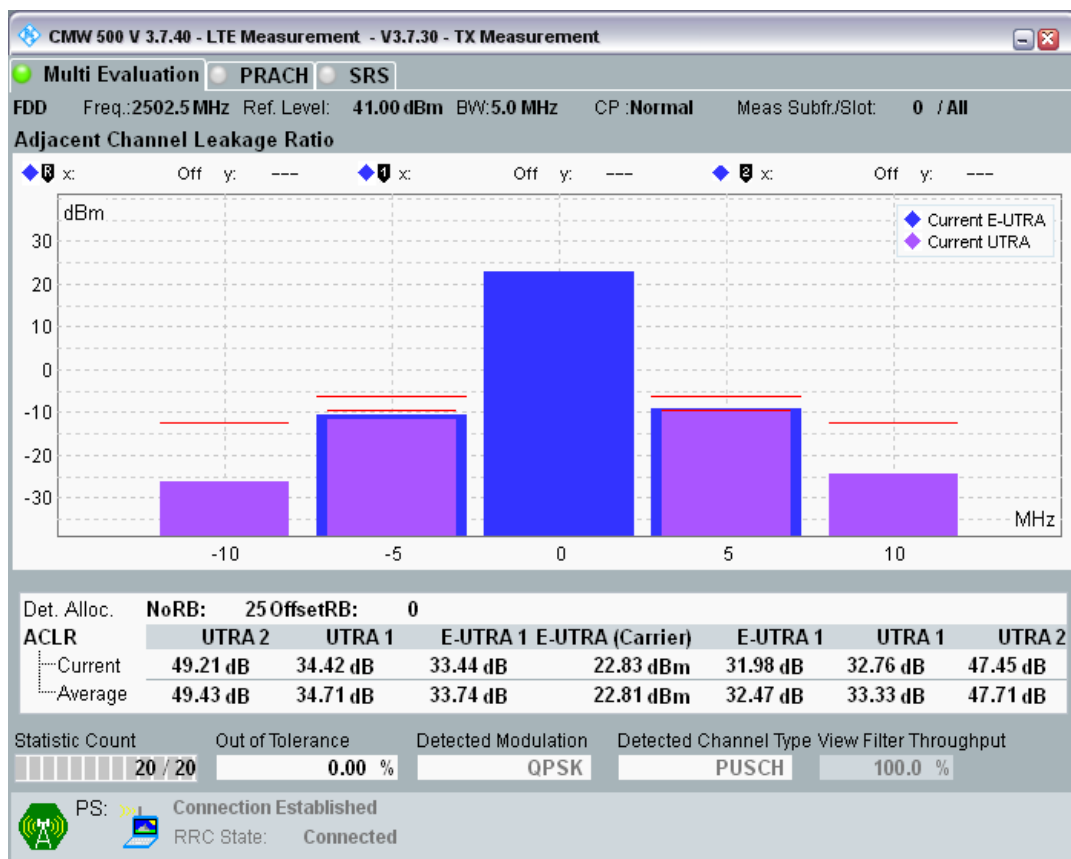




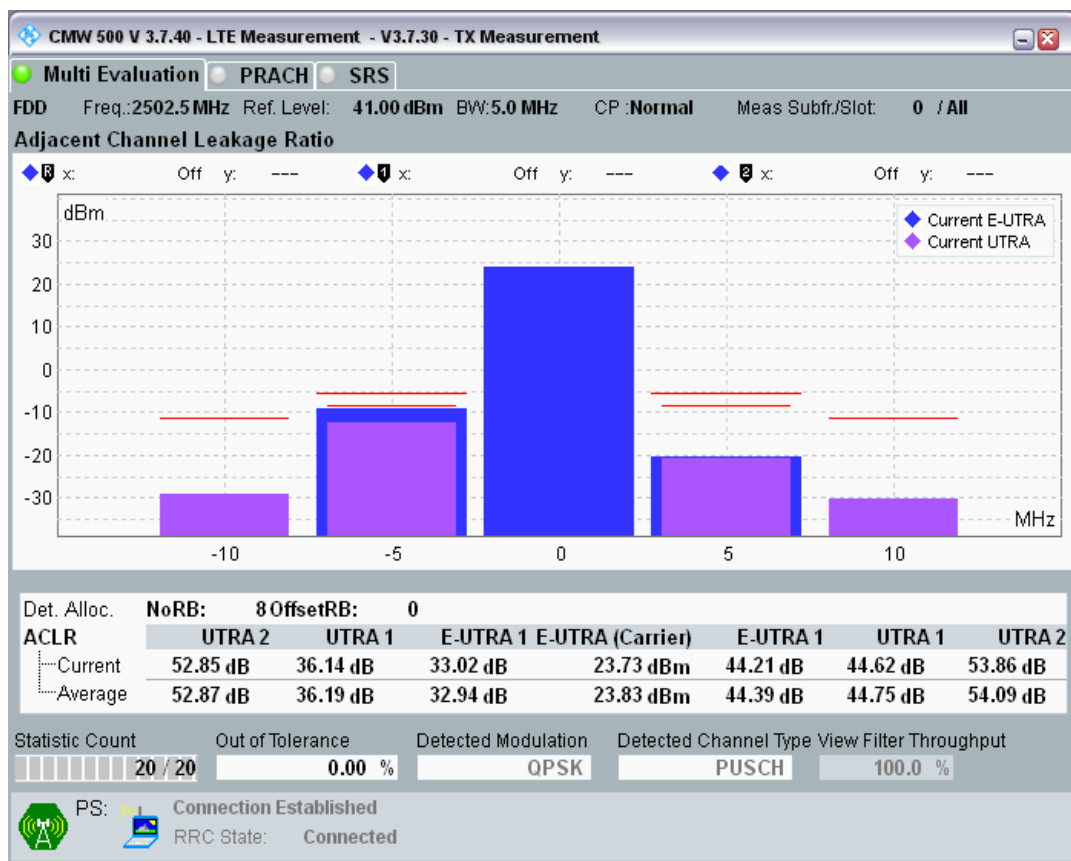
Band7 QPSK BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



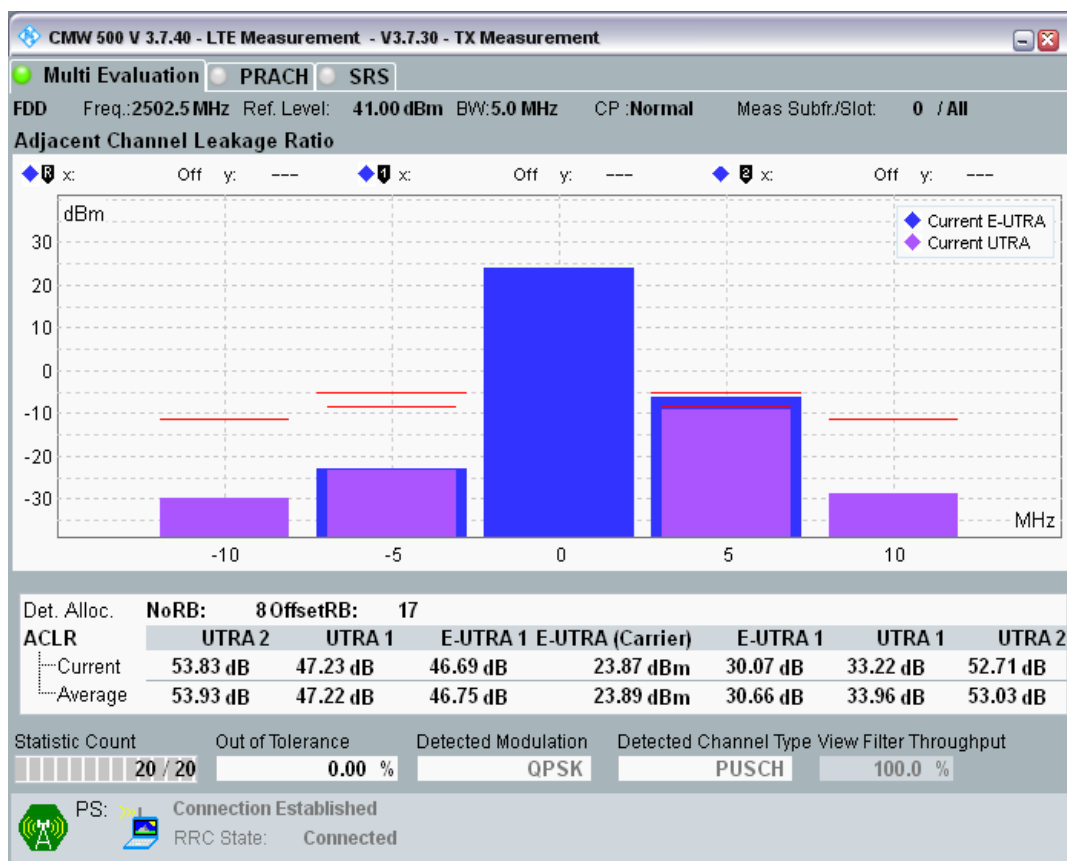
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



Band7 QPSK BW=5MHz Channel=20775 RB Size=8 Position=#0.png



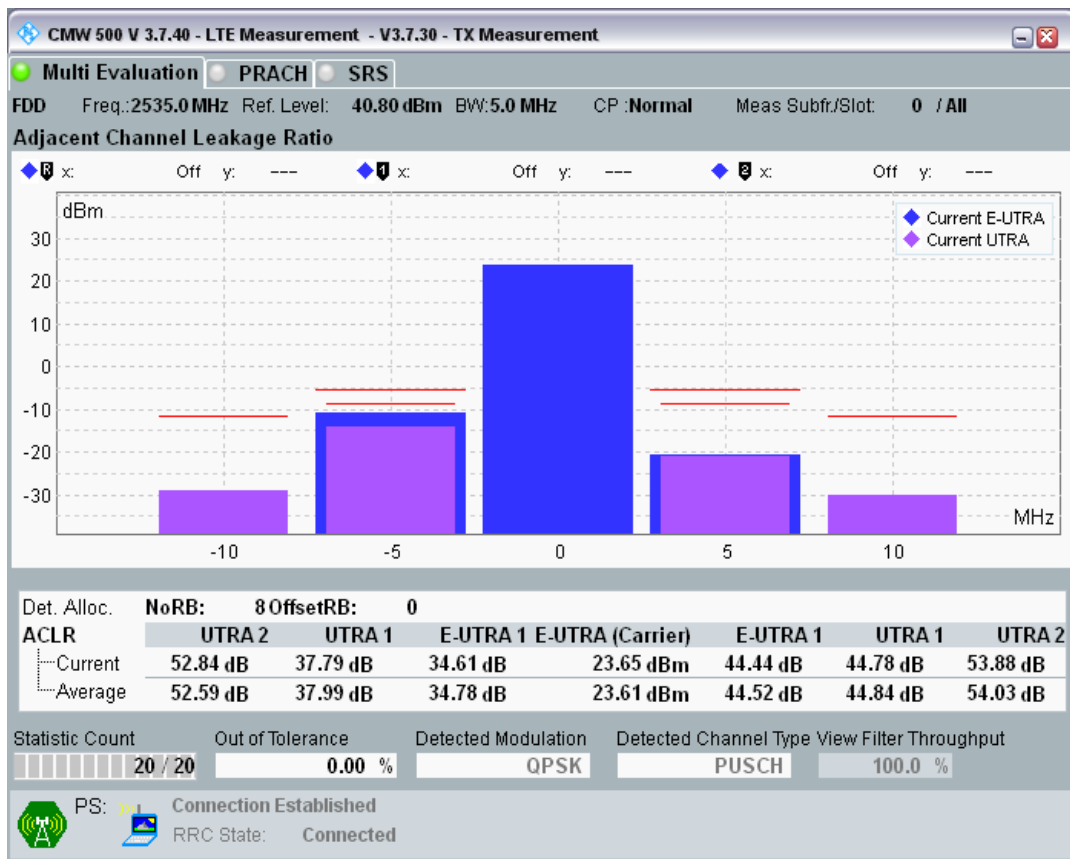
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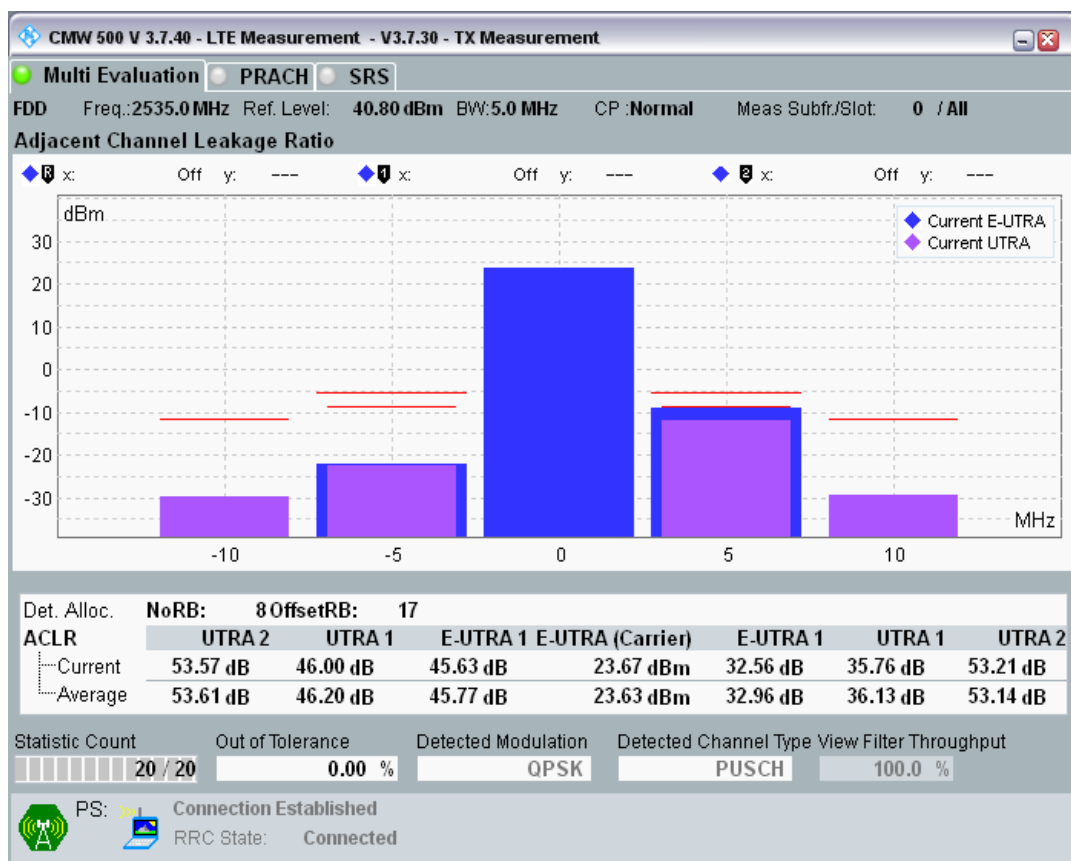
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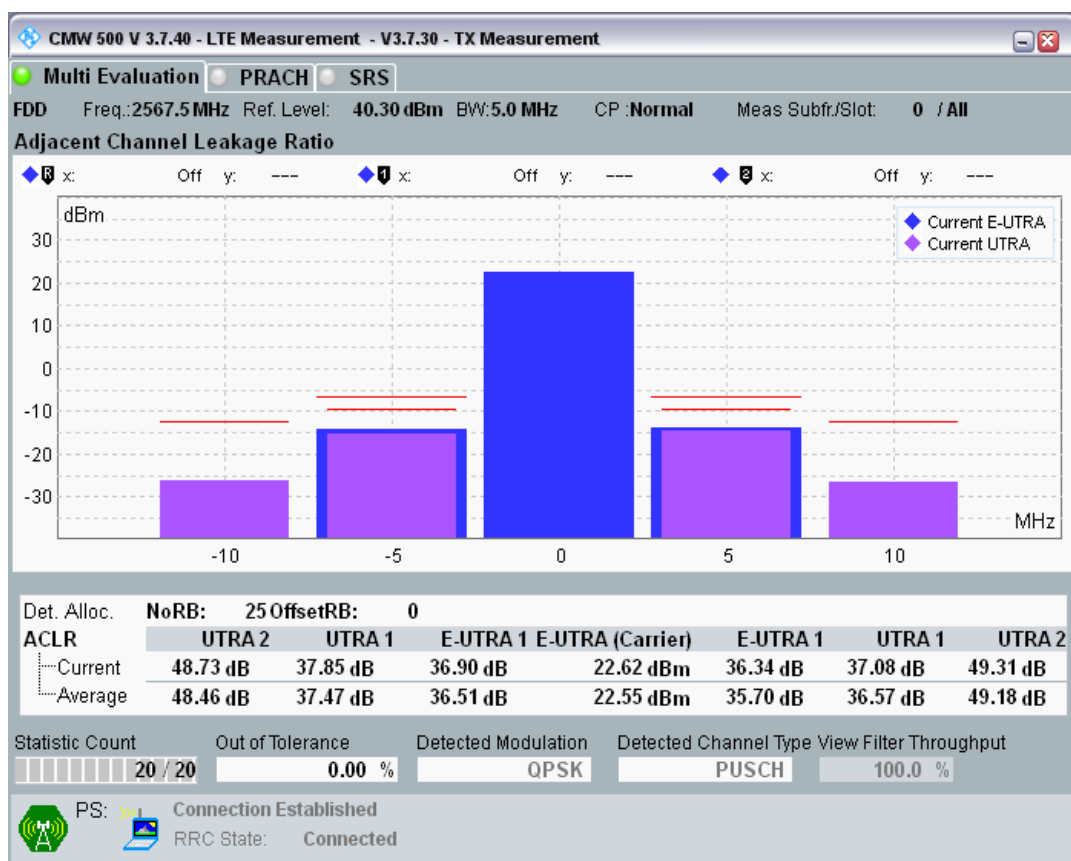
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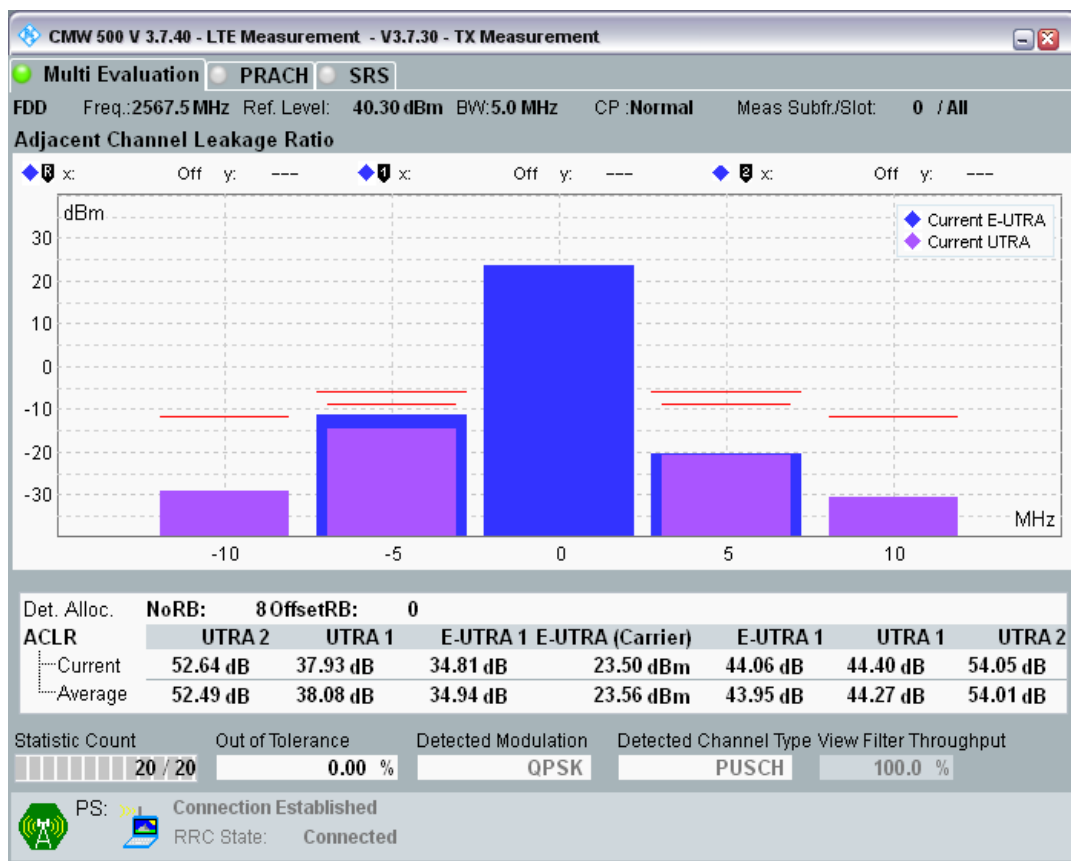
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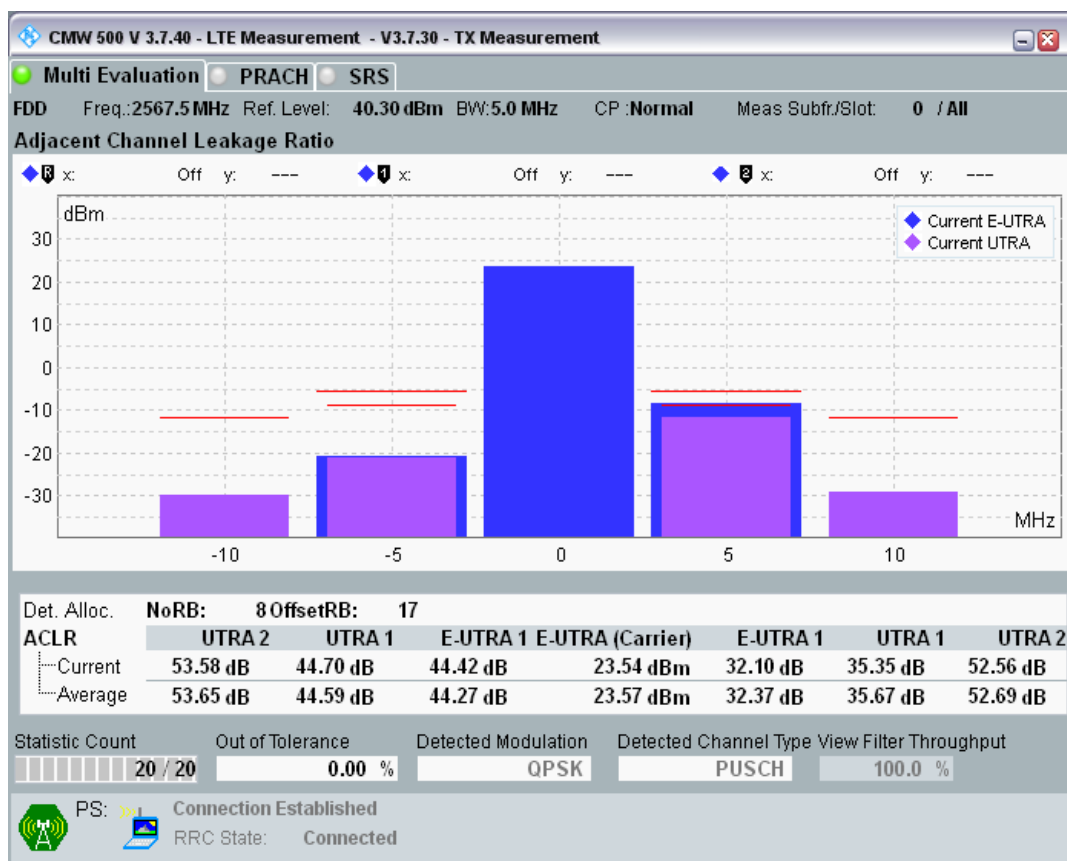
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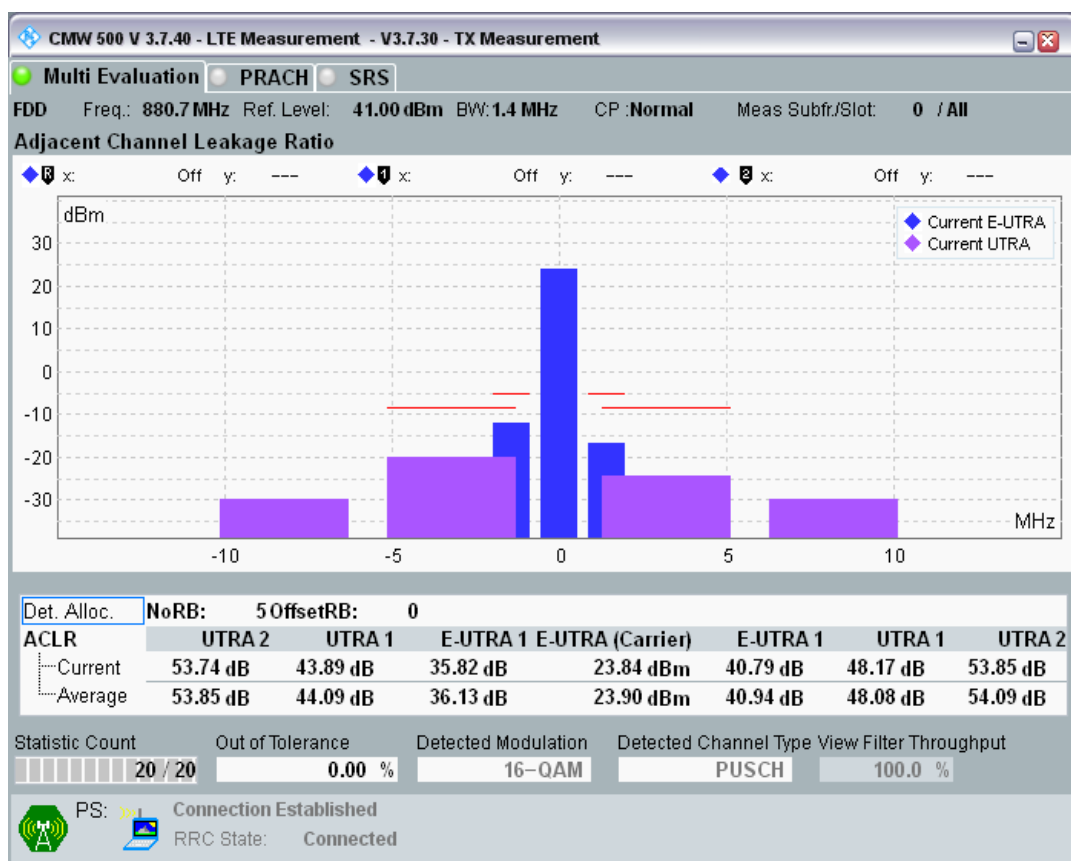
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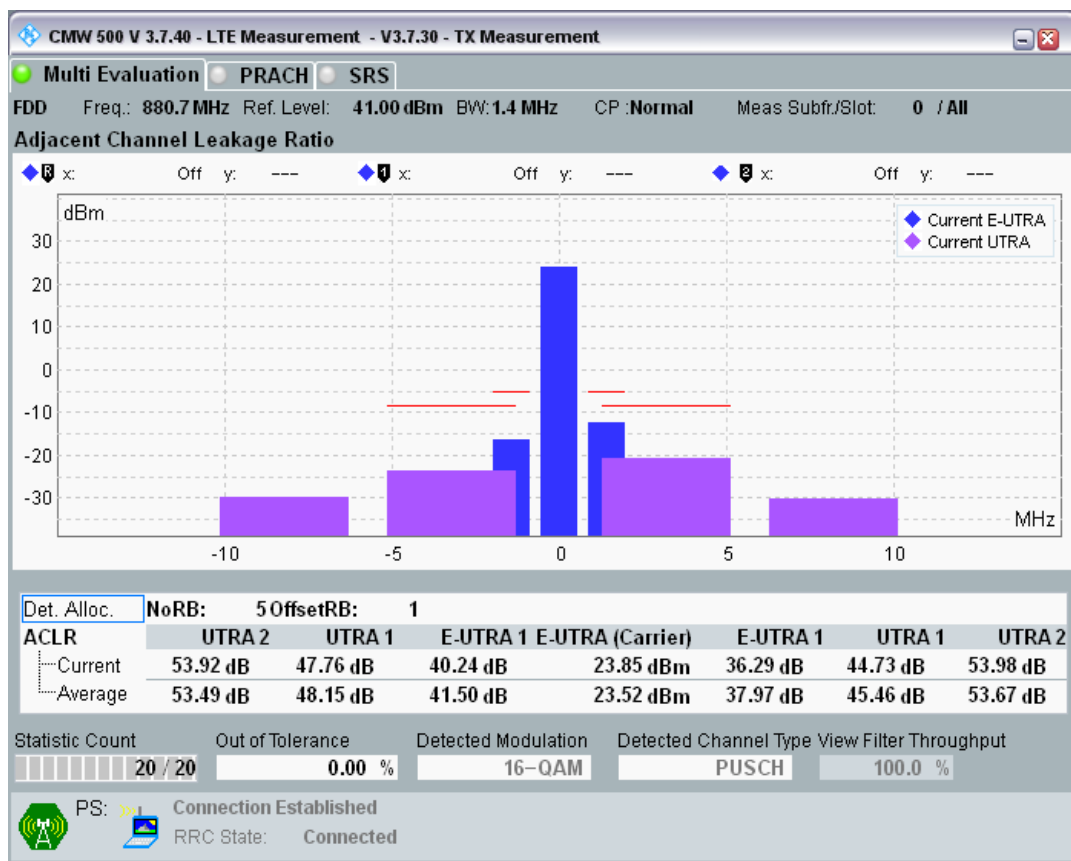
Band7 QPSK BW=5MHz Channel=21425 RB Size=8 Position=#Max.png



Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png

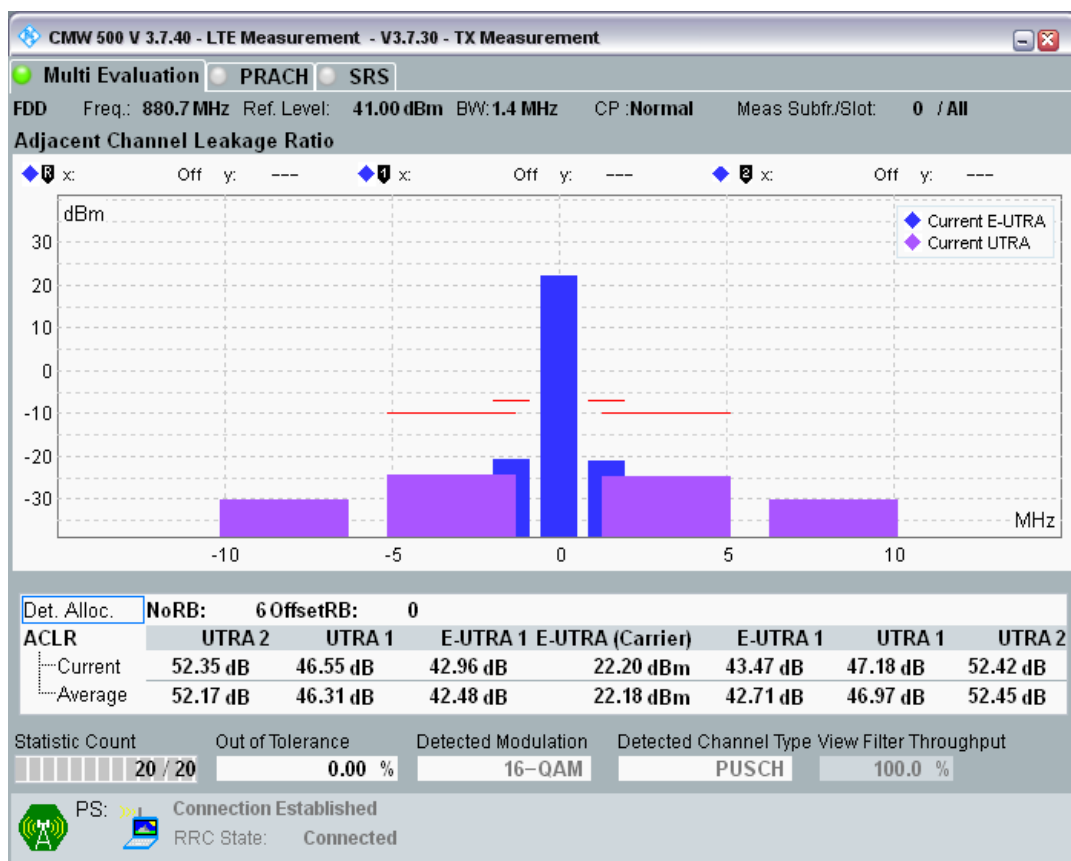


Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png

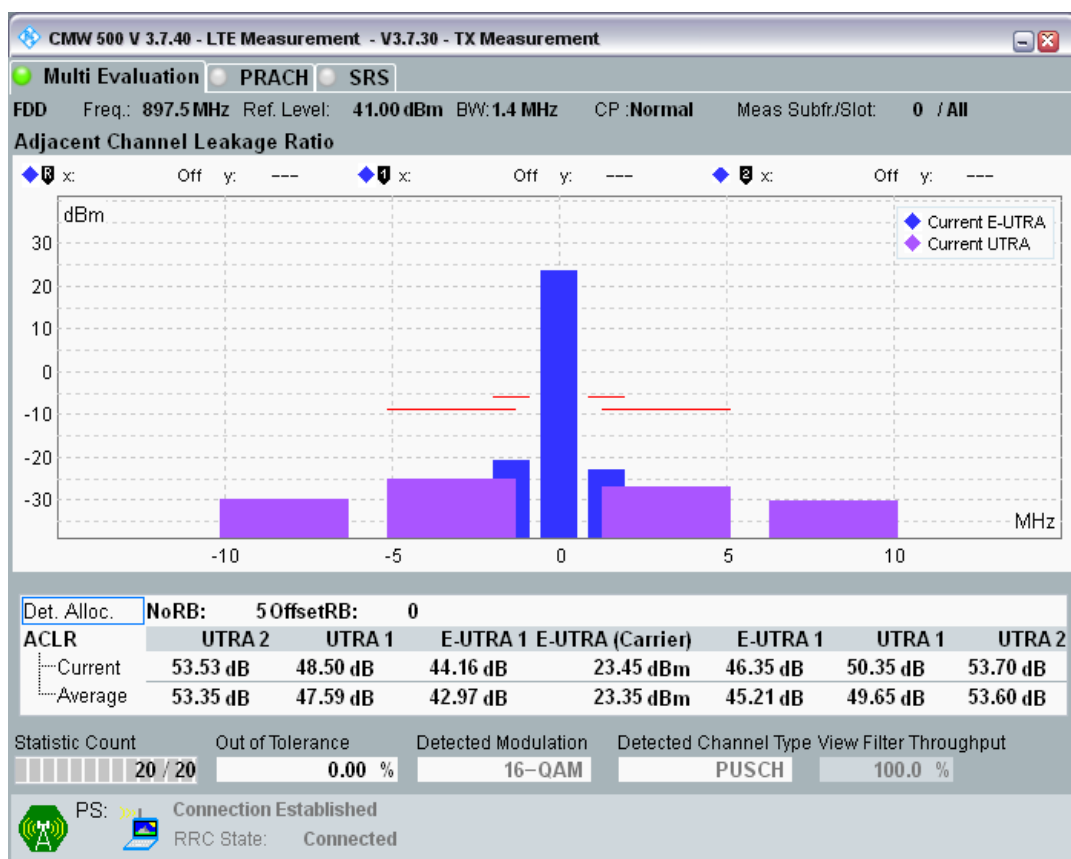




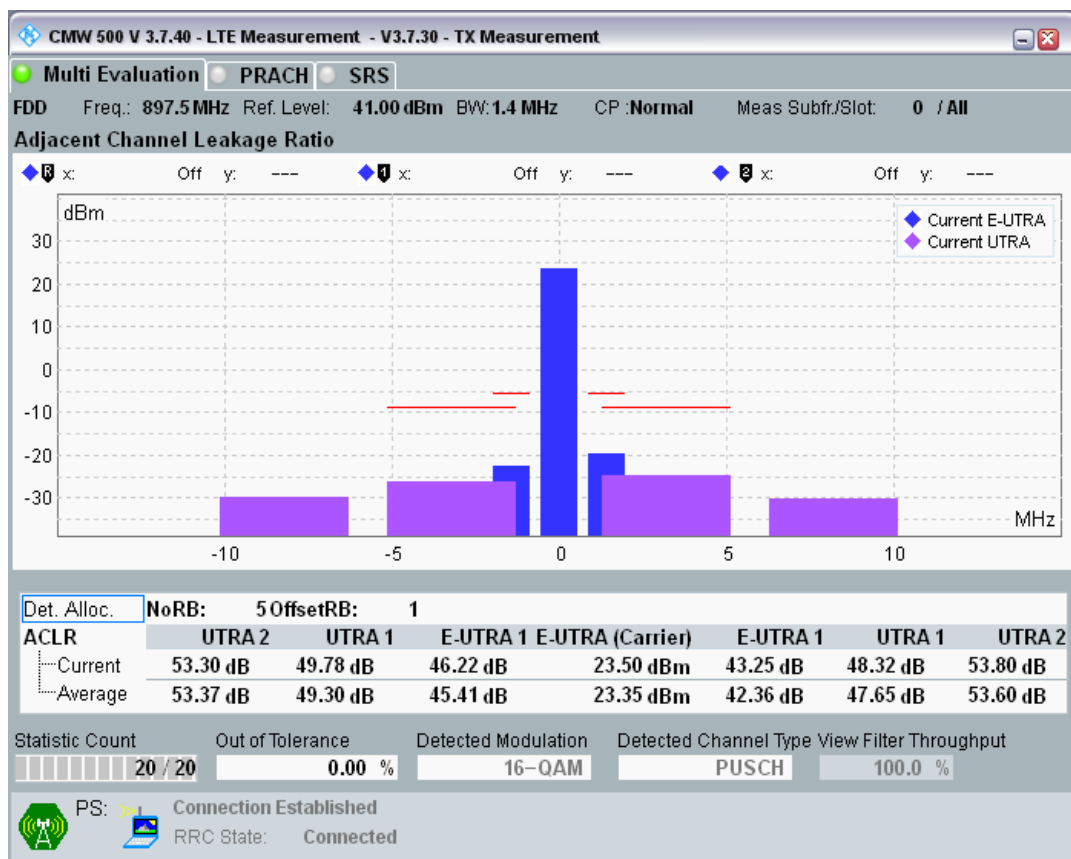
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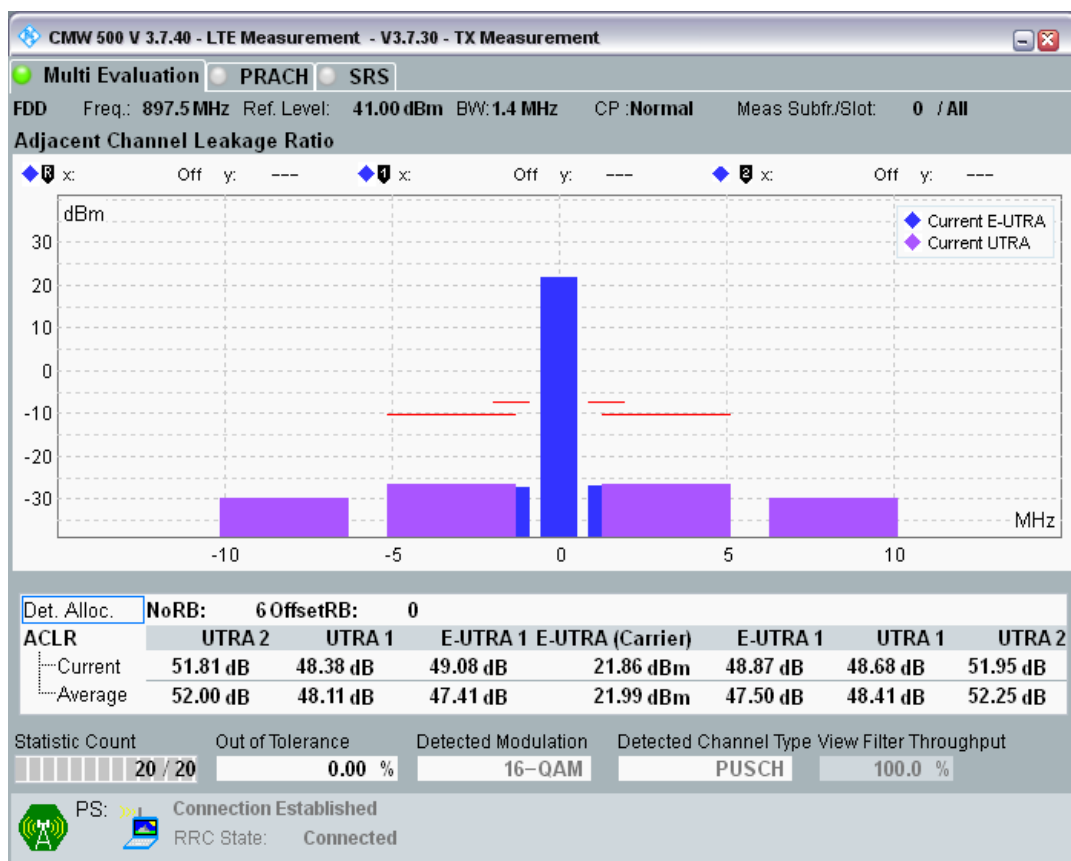
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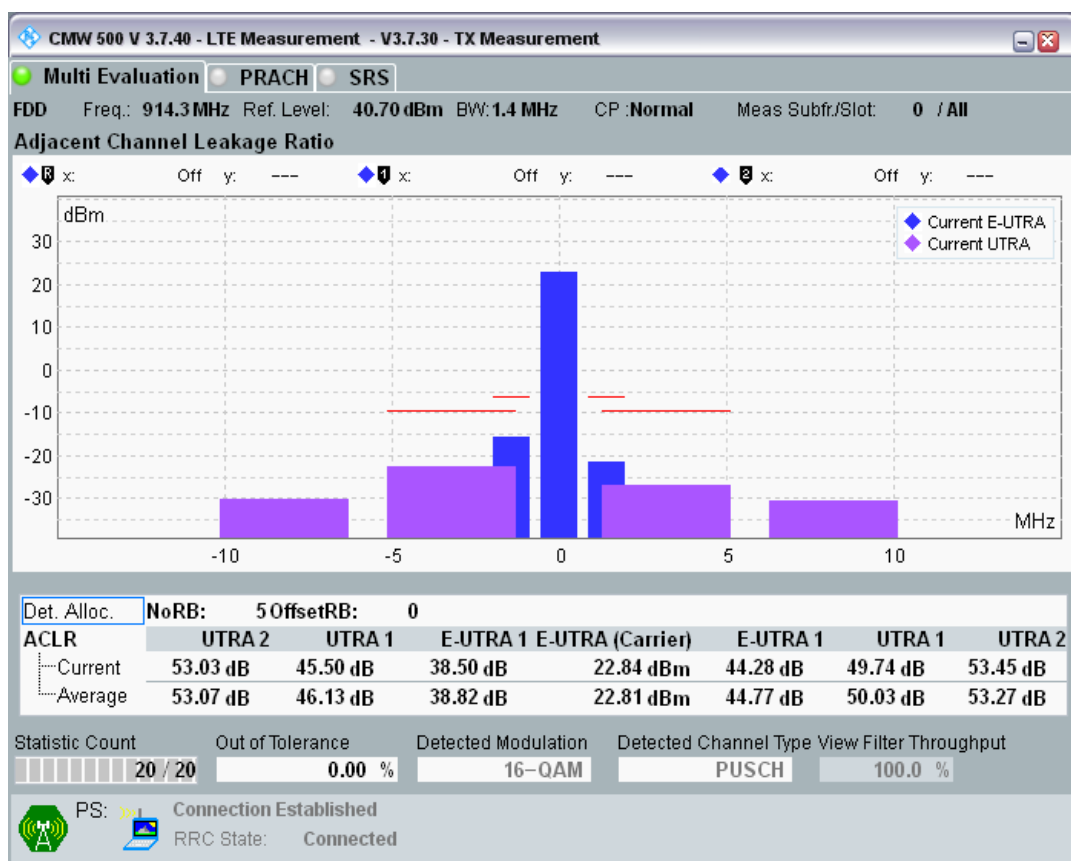
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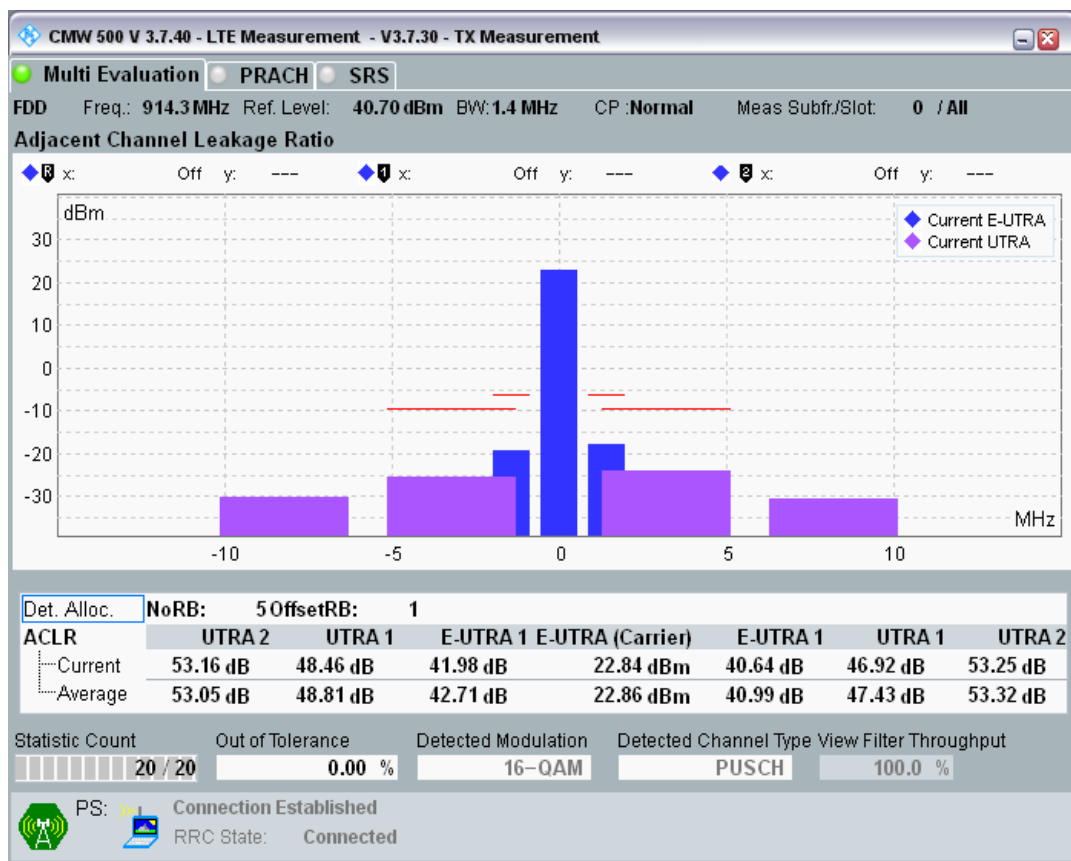
Band8 QAM16 BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png



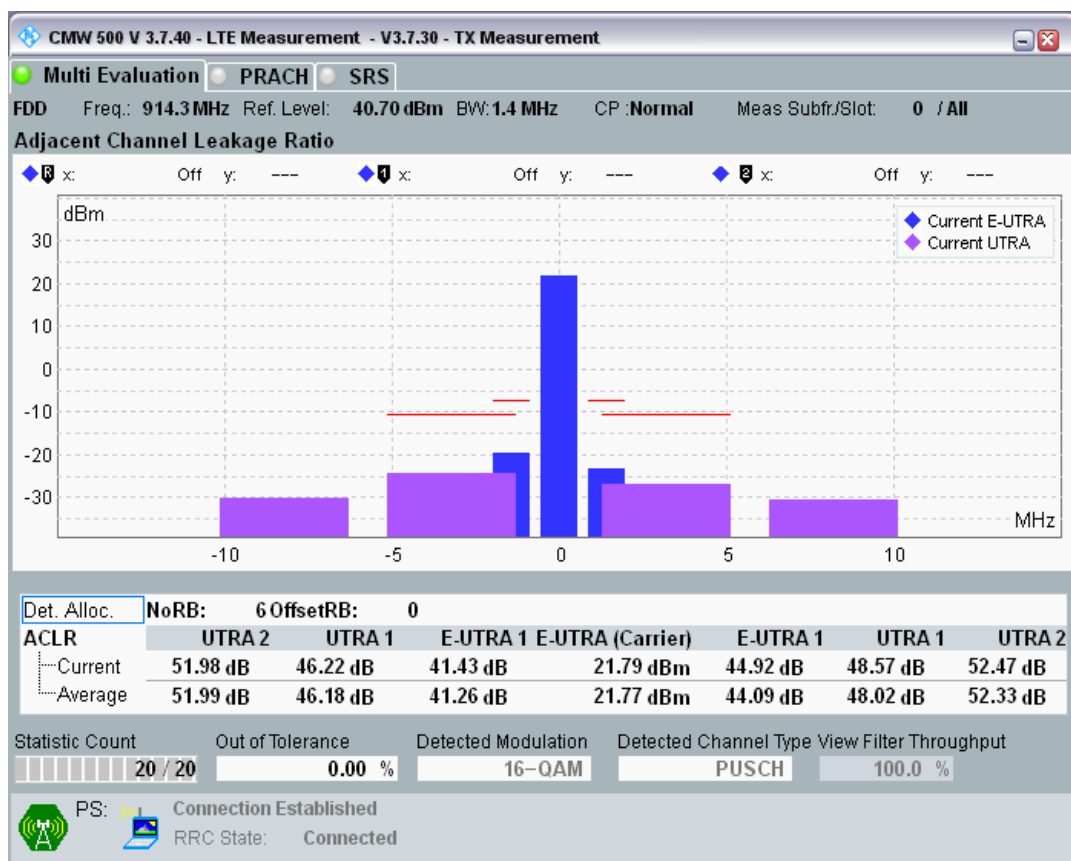
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



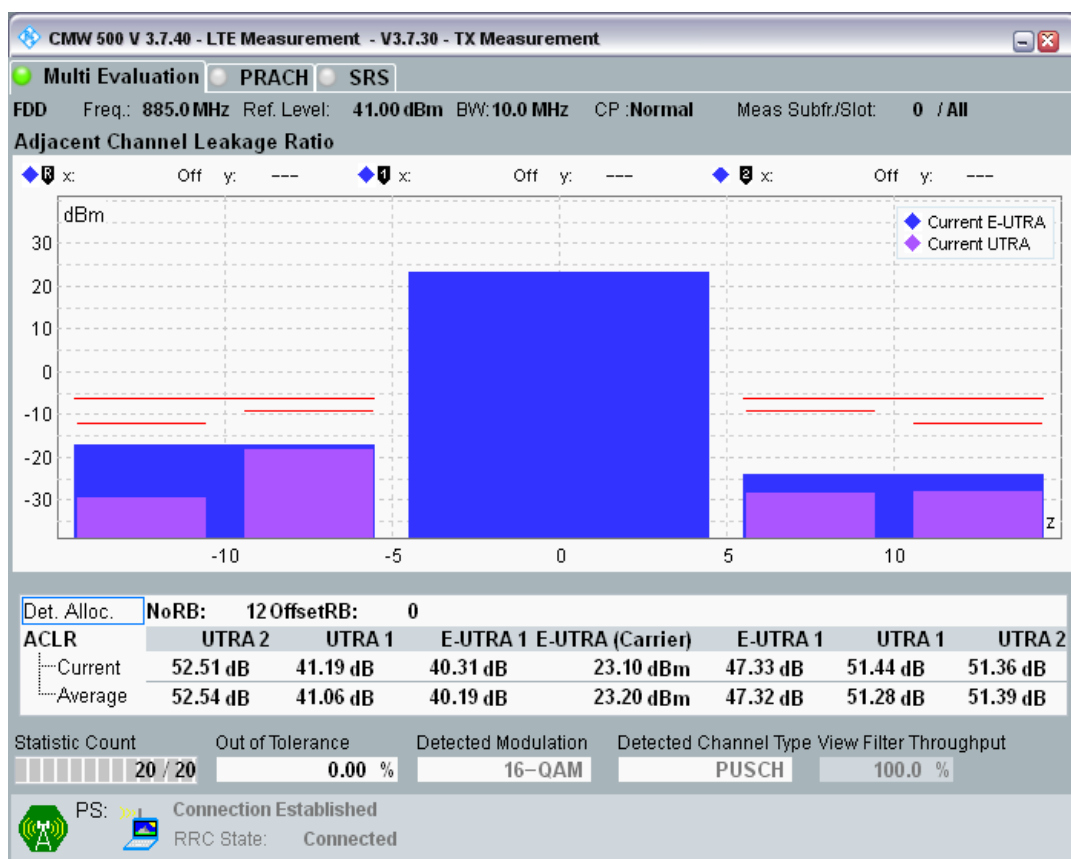
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#Max.png



Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



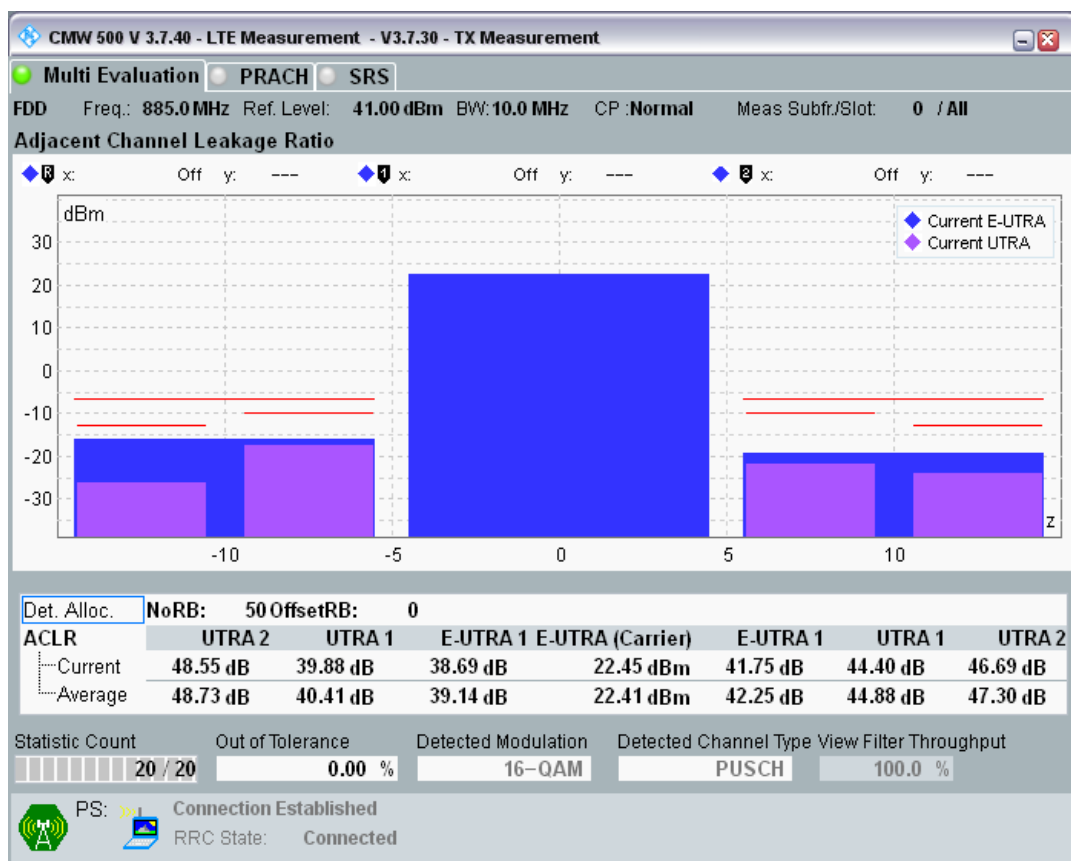
Band8 QAM16 BW=10MHz Channel=21500 RB Size=12 Position=#0.png



Band8 QAM16 BW=10MHz Channel=21500 RB Size=12 Position=#Max.png



Band8 QAM16 BW=10MHz Channel=21500 RB Size=50 Position=#0.png



Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#0.png



Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#Max.png





Band8 QAM16 BW=10MHz Channel=21625 RB Size=50 Position=#0.png



Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#0.png



Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#Max.png



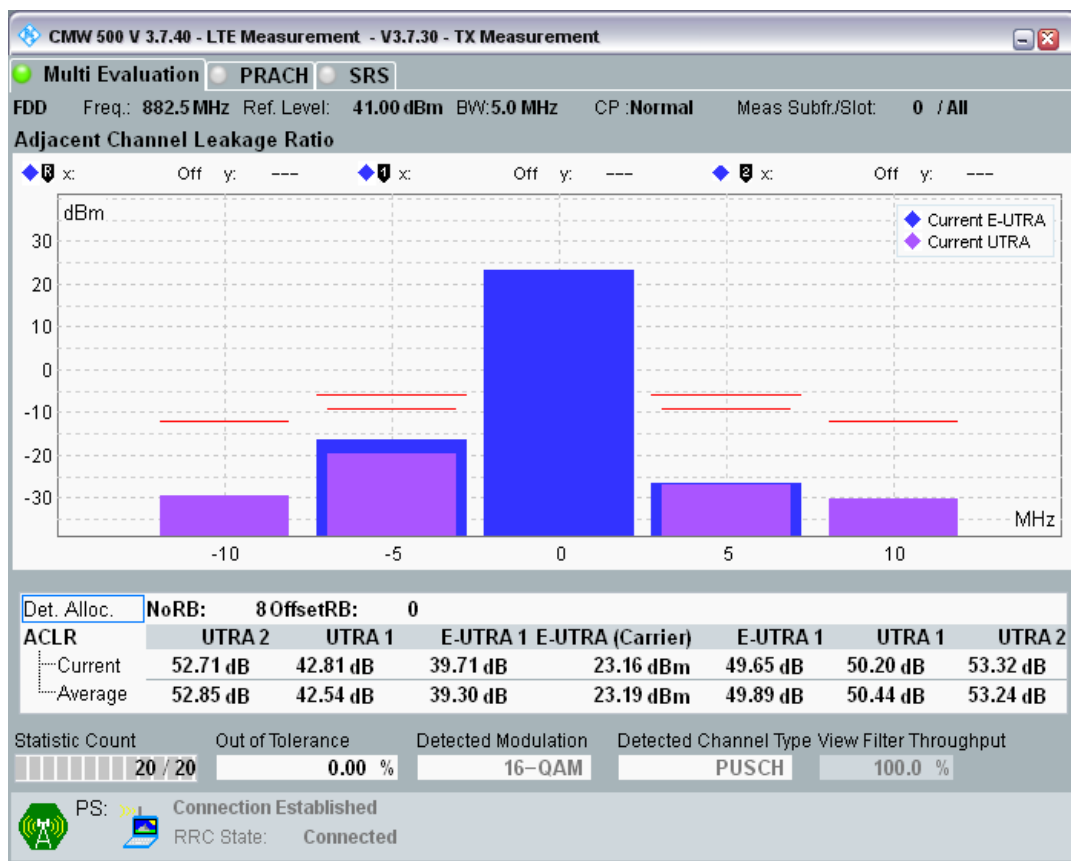
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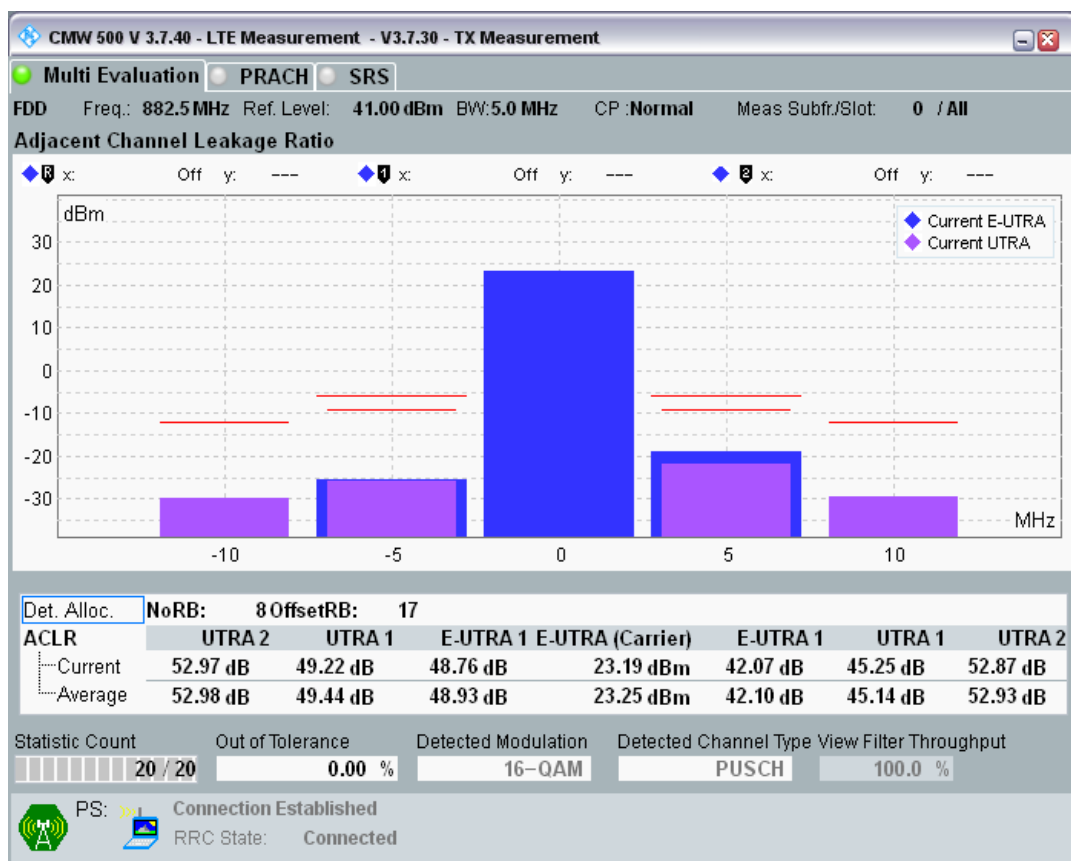
Band8 QAM16 BW=5MHz Channel=21475 RB Size=25 Position=#0.png



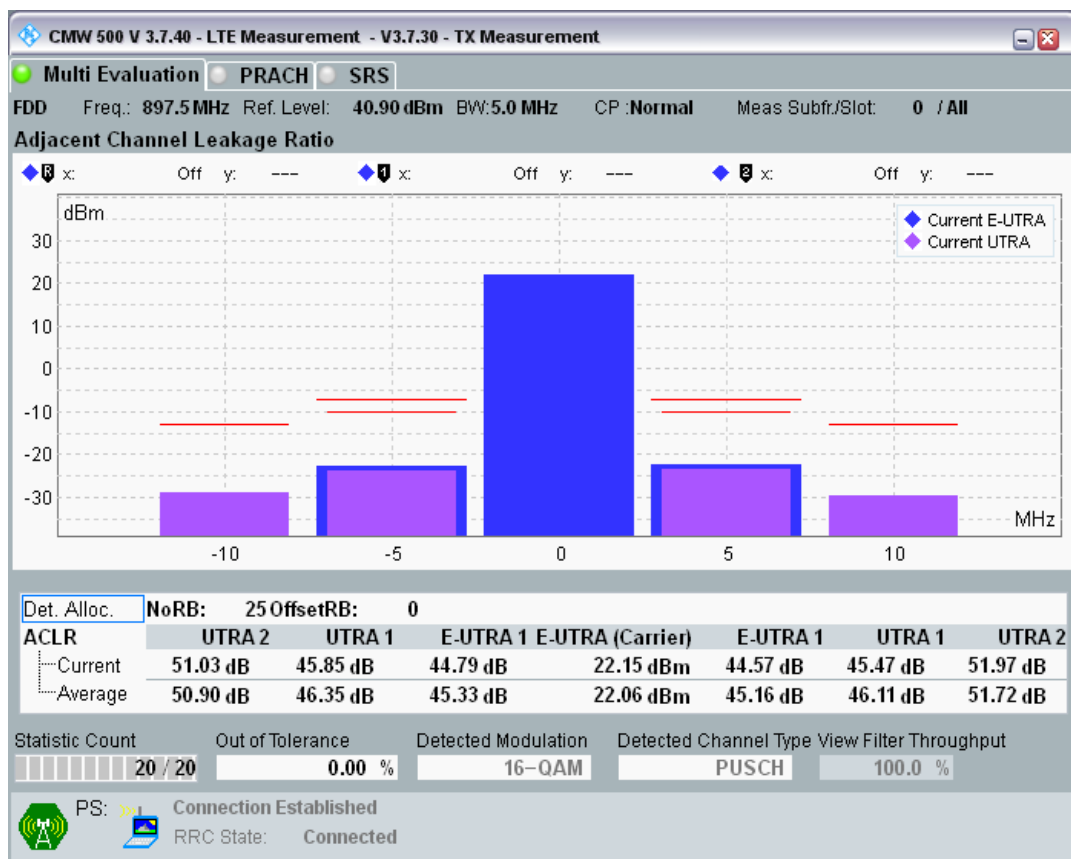
Band8 QAM16 BW=5MHz Channel=21475 RB Size=8 Position=#0.png



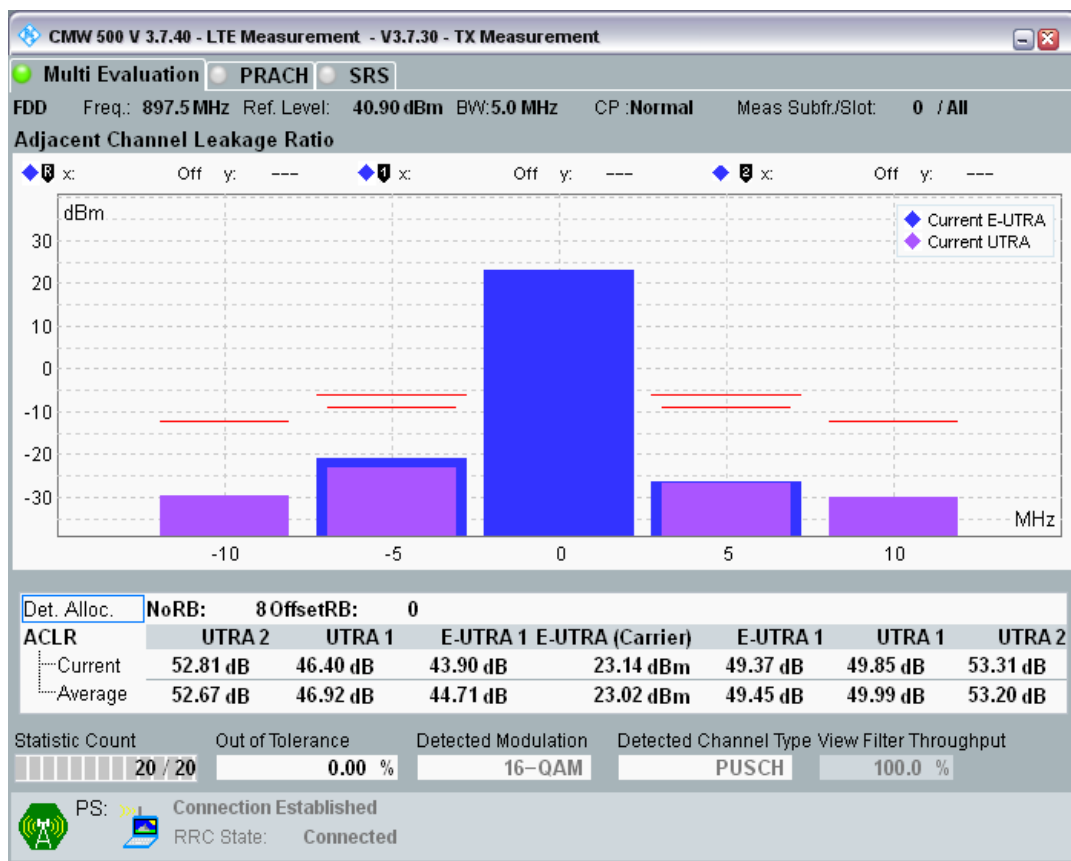
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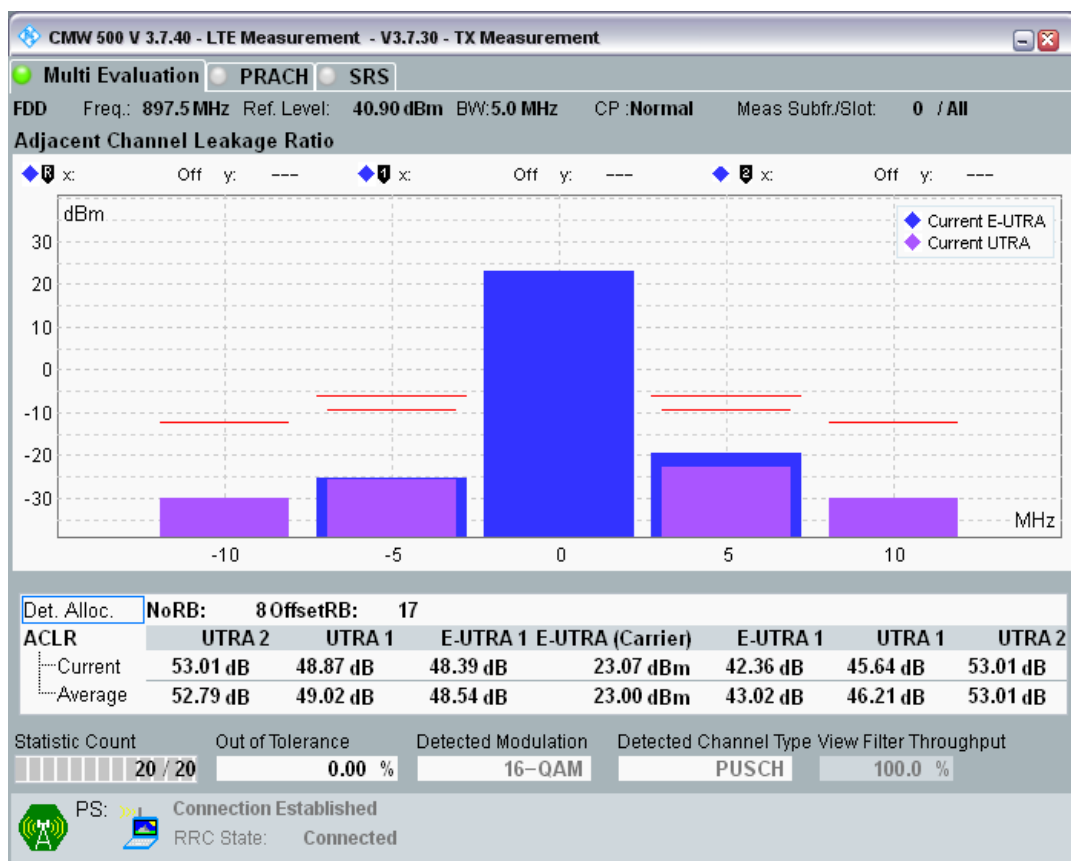
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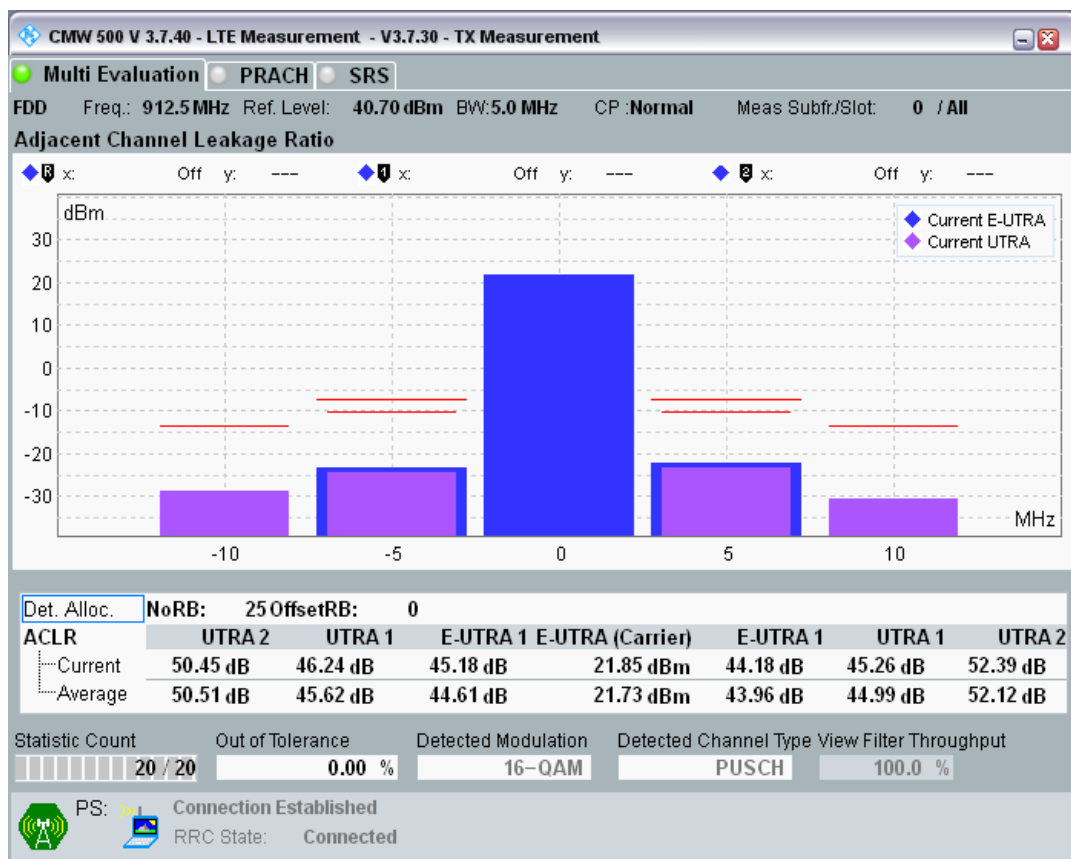
Band8 QAM16 BW=5MHz Channel=21625 RB Size=8 Position=#0.png



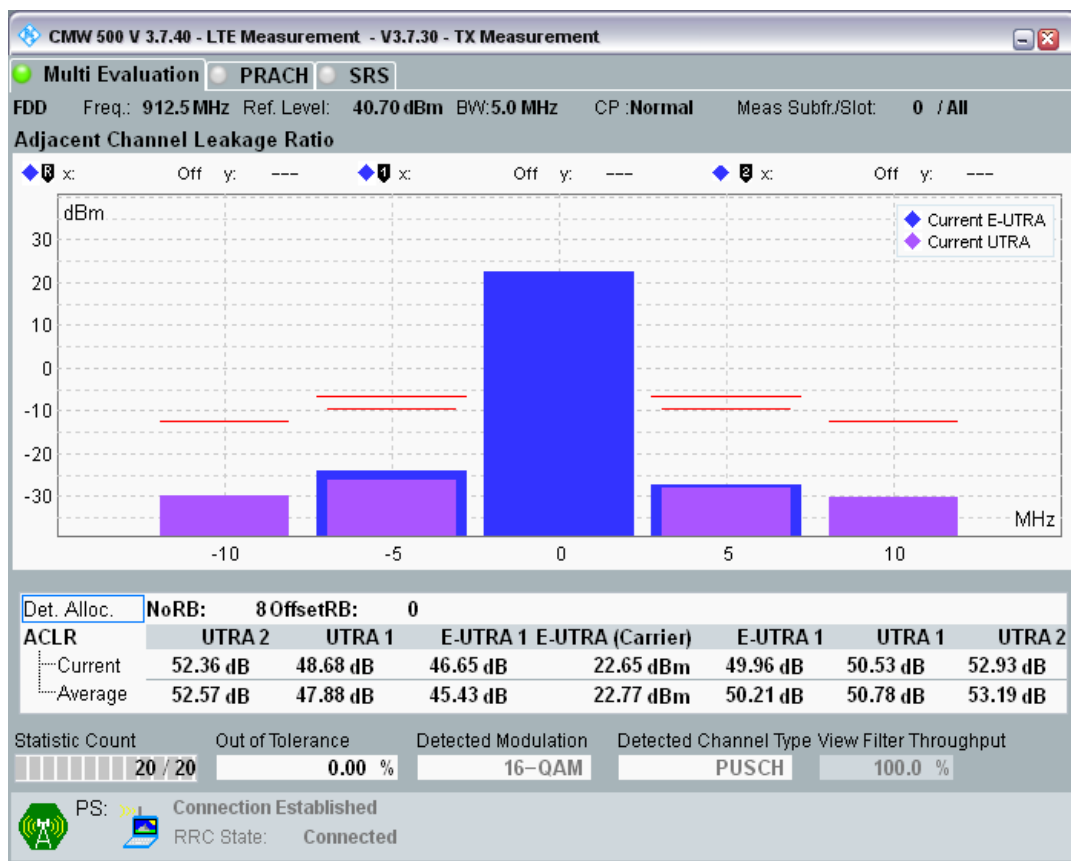
Band8 QAM16 BW=5MHz Channel=21625 RB Size=8 Position=#Max.png



Band8 QAM16 BW=5MHz Channel=21775 RB Size=25 Position=#0.png

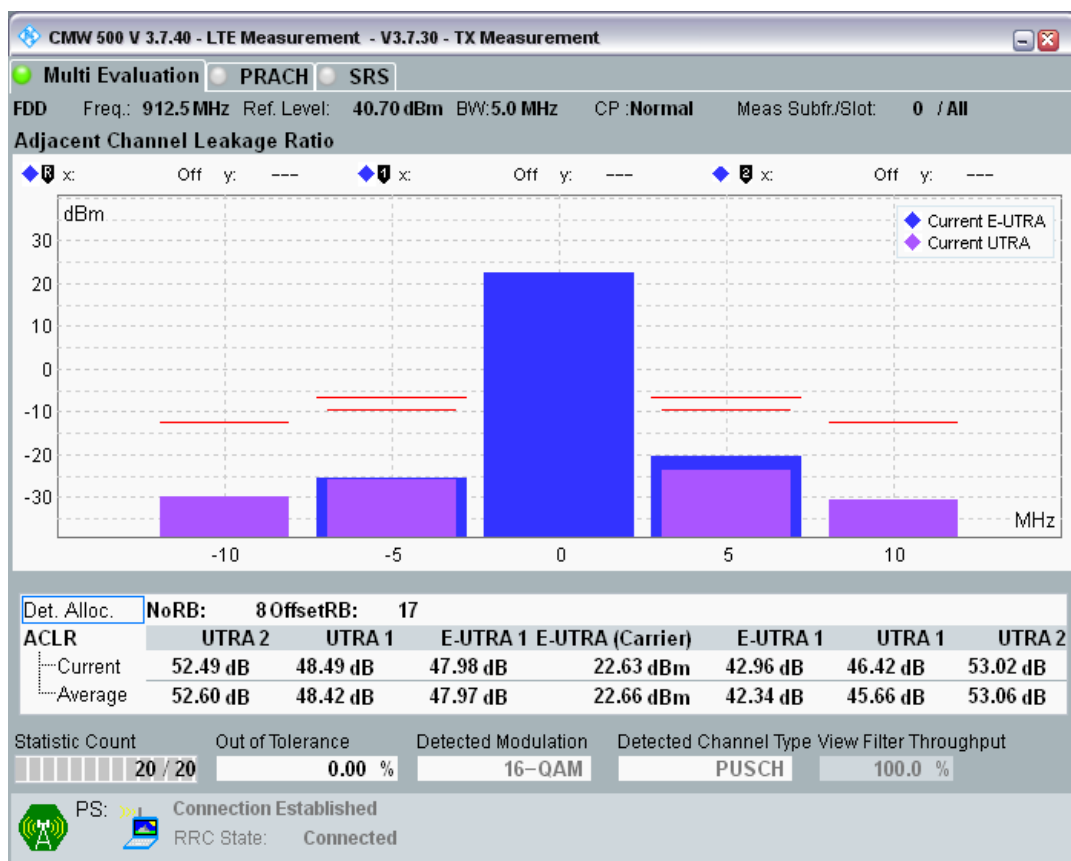


Band8 QAM16 BW=5MHz Channel=21775 RB Size=8 Position=#0.png

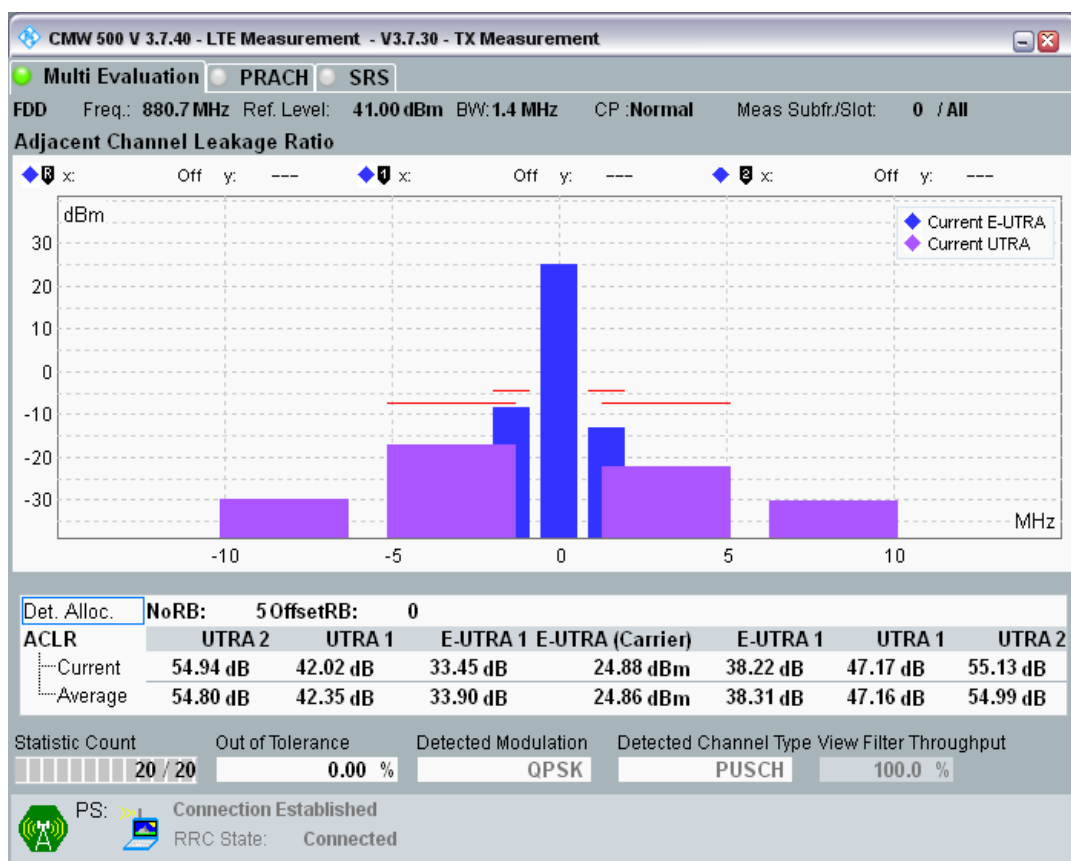




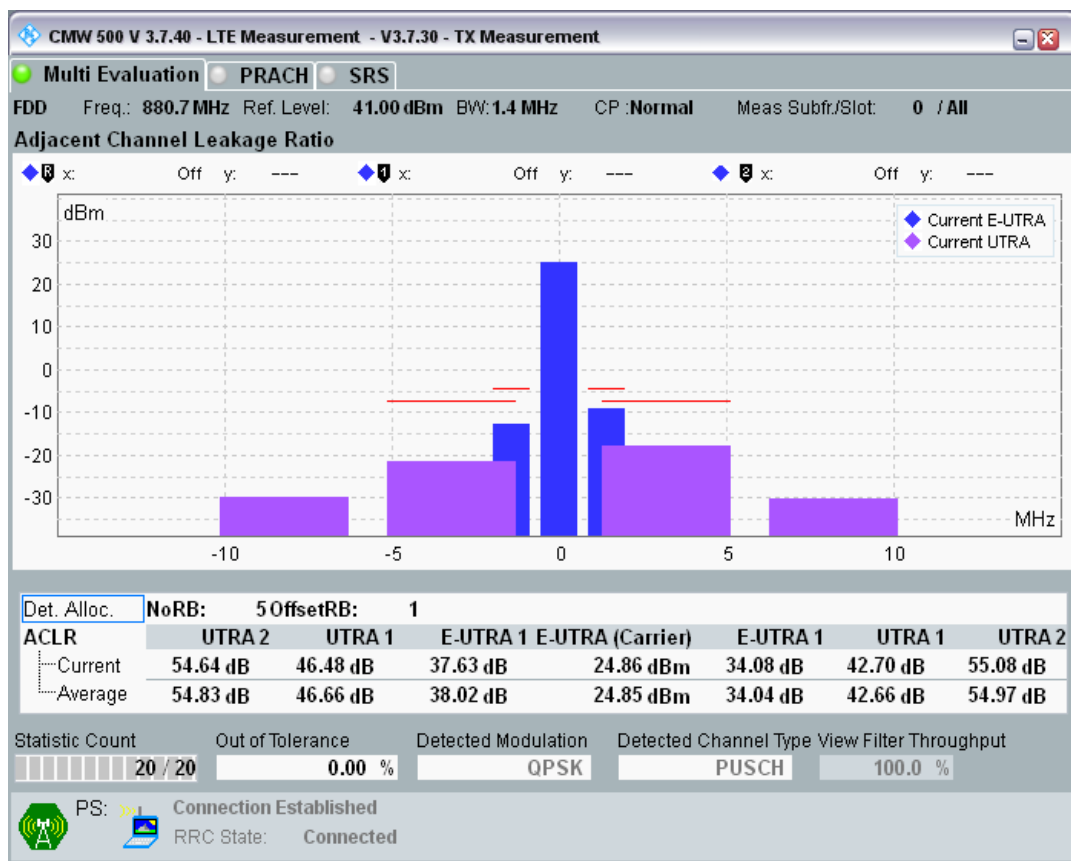
Band8 QAM16 BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



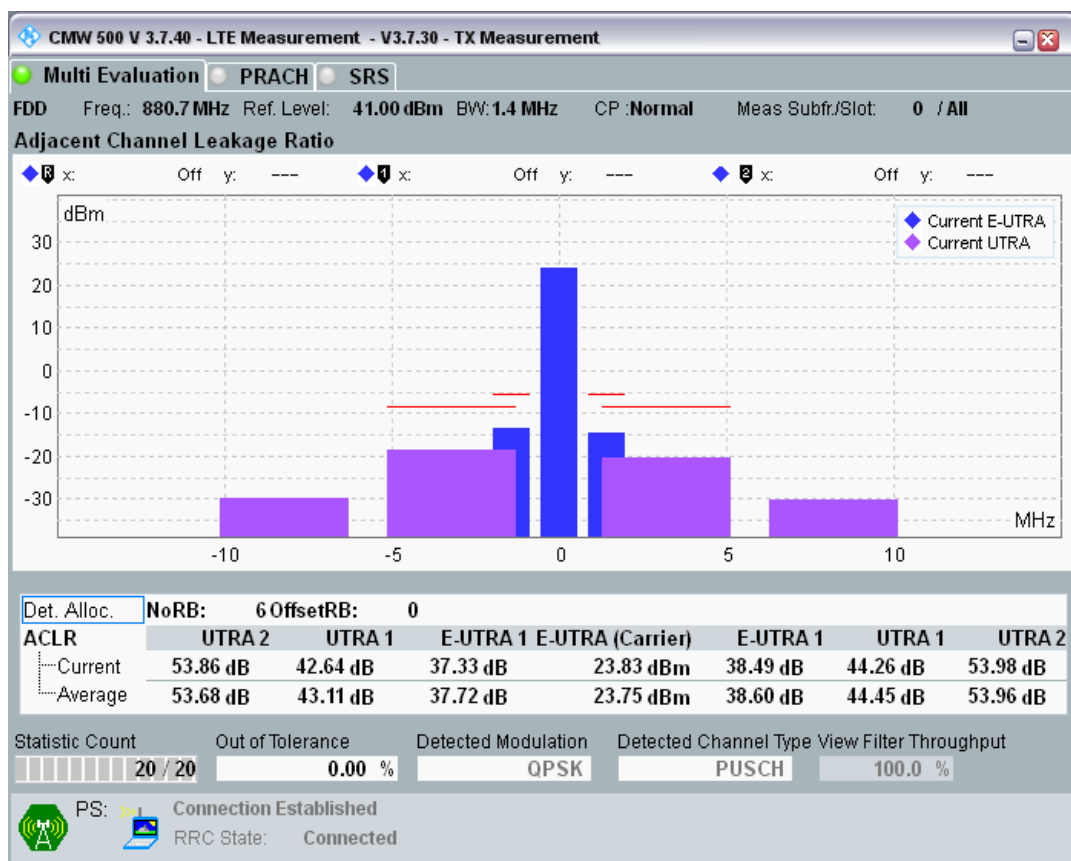
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



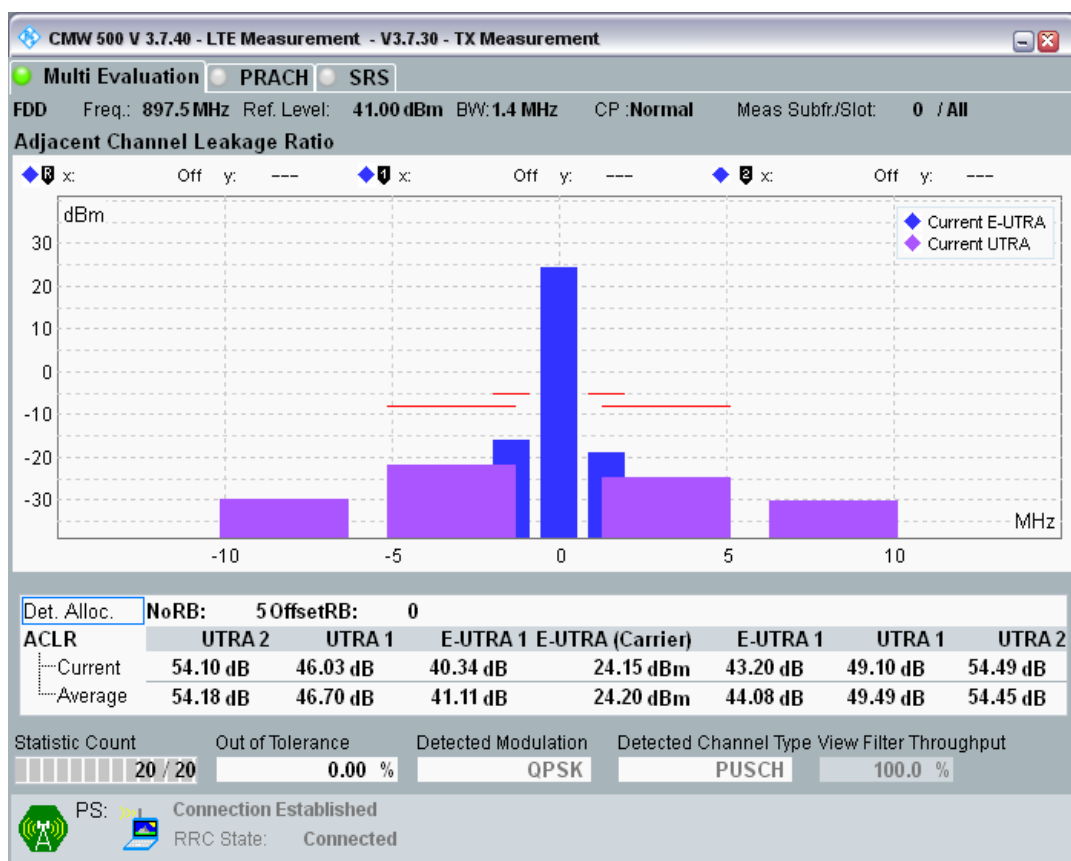
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png



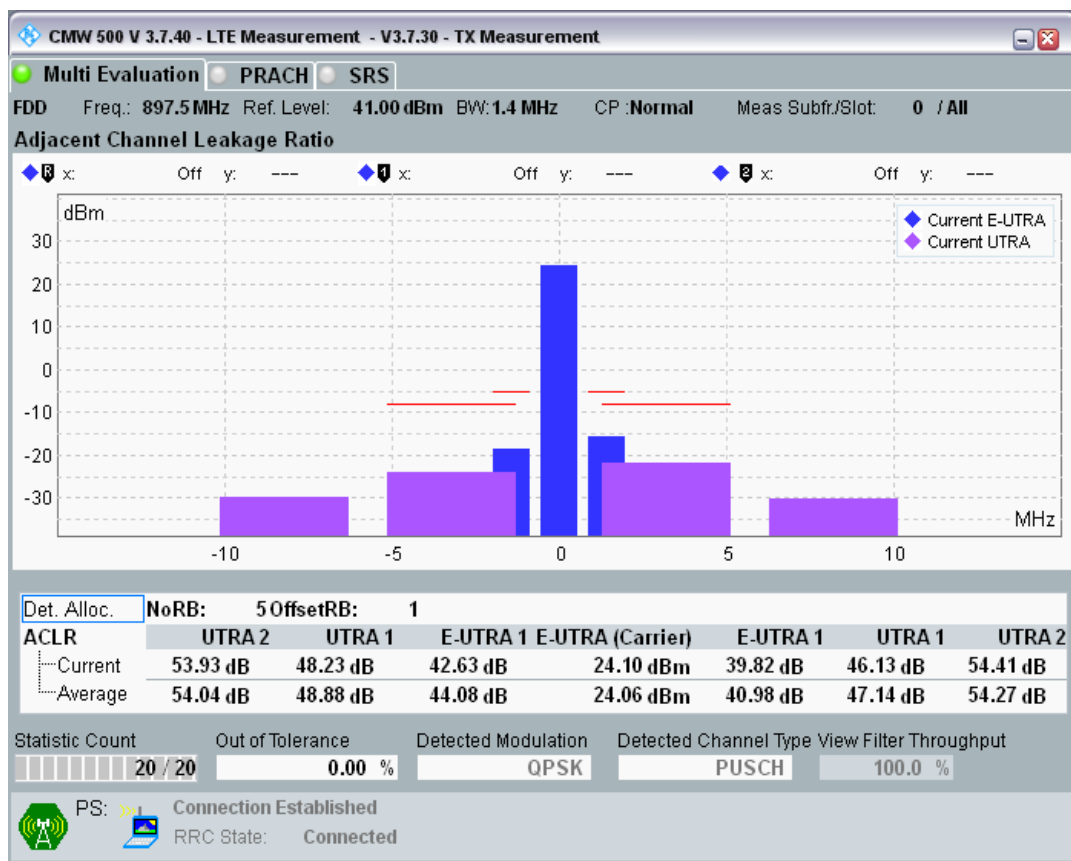
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png



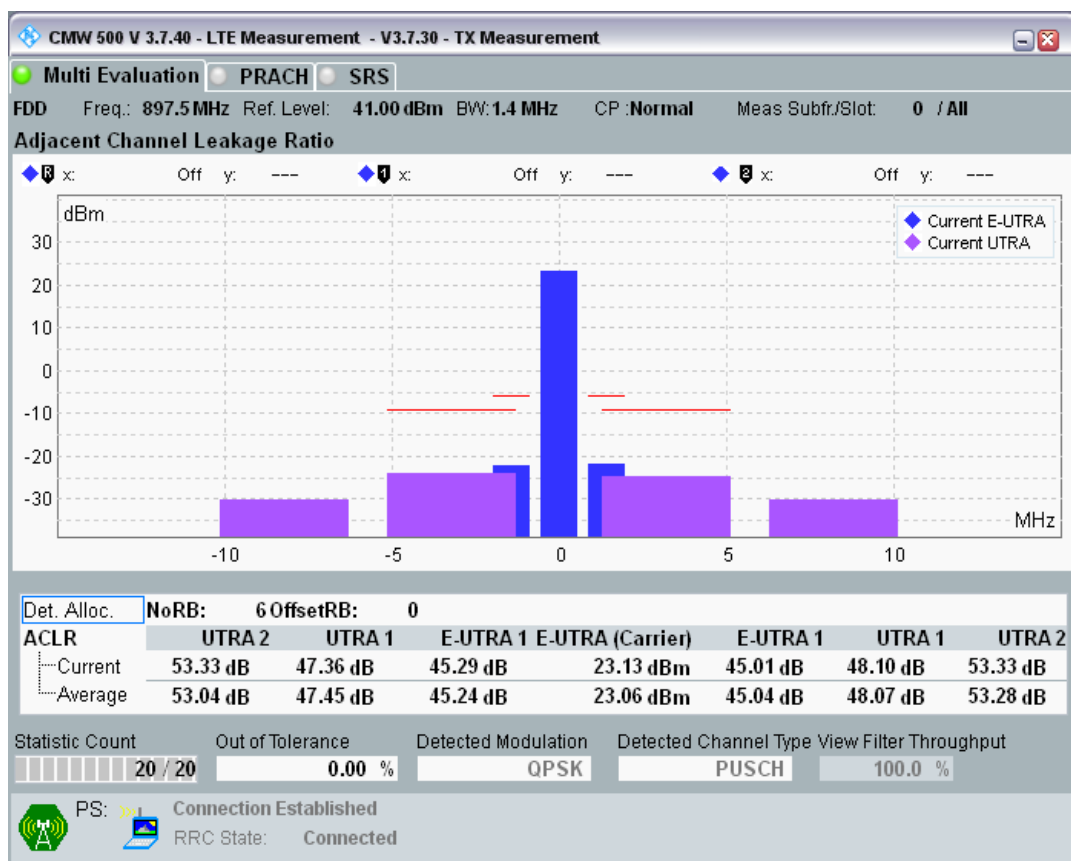
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=5 Position=#0.png



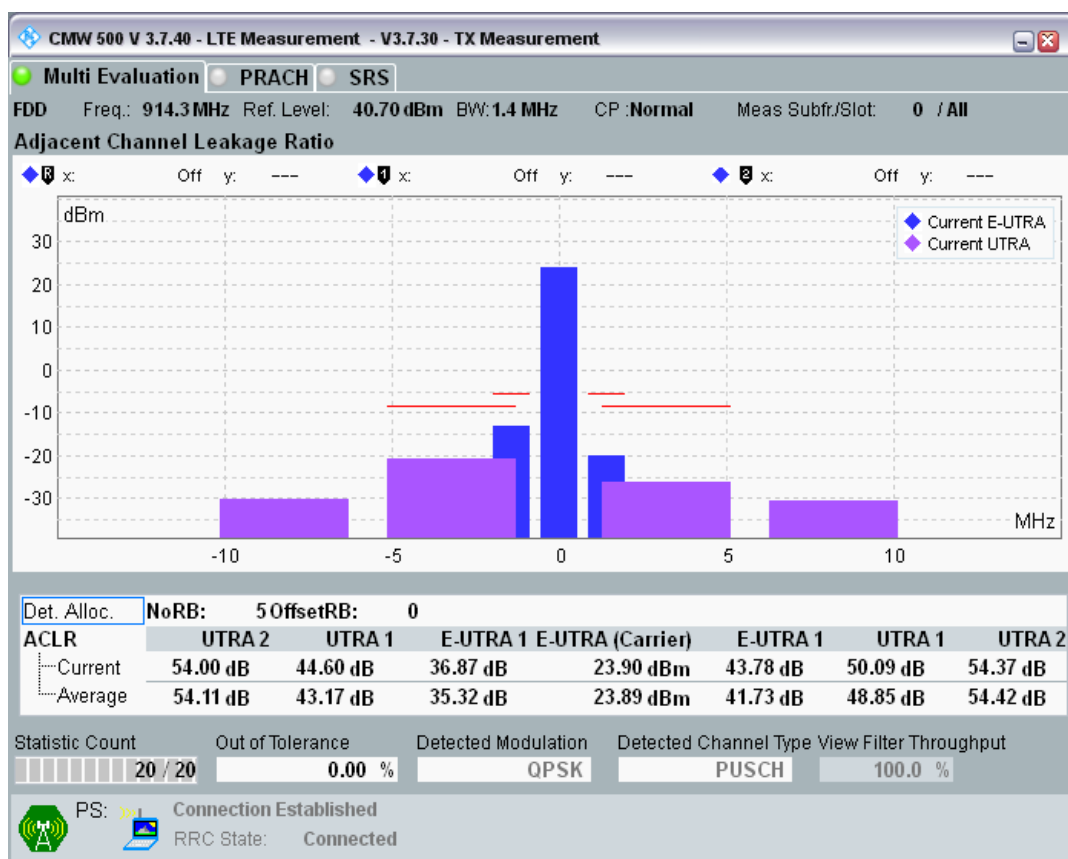
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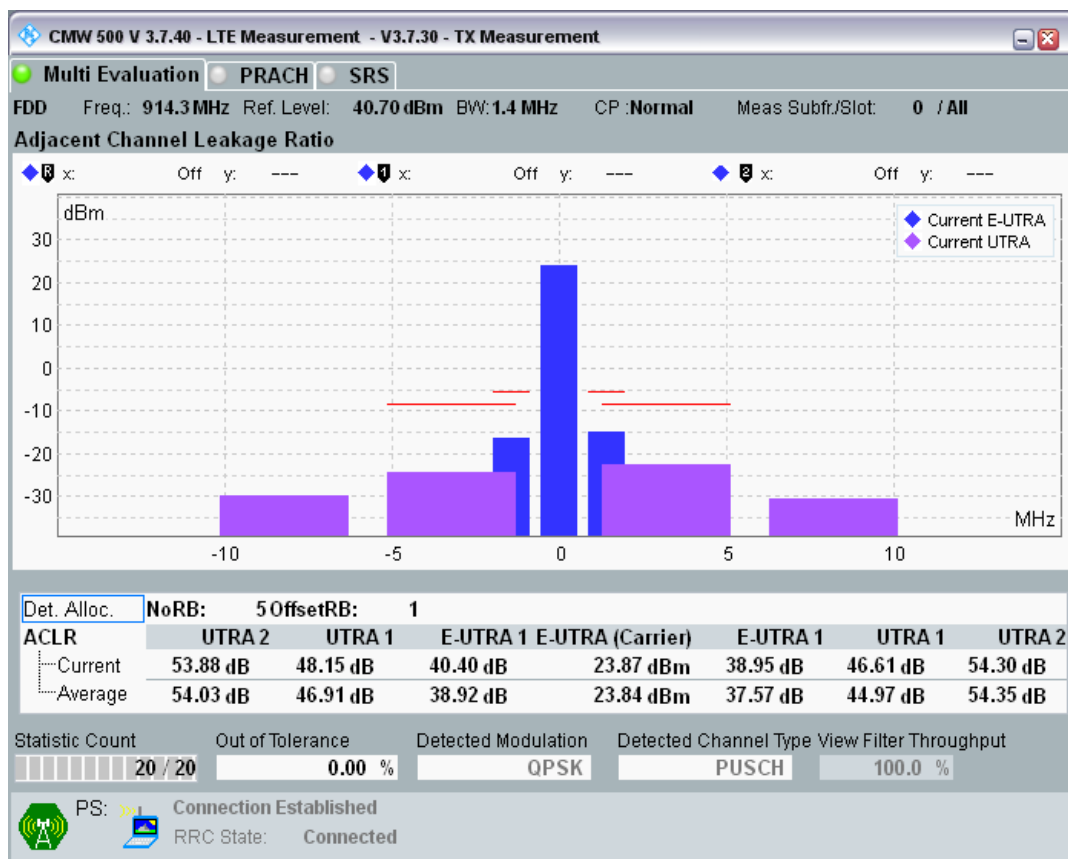
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png



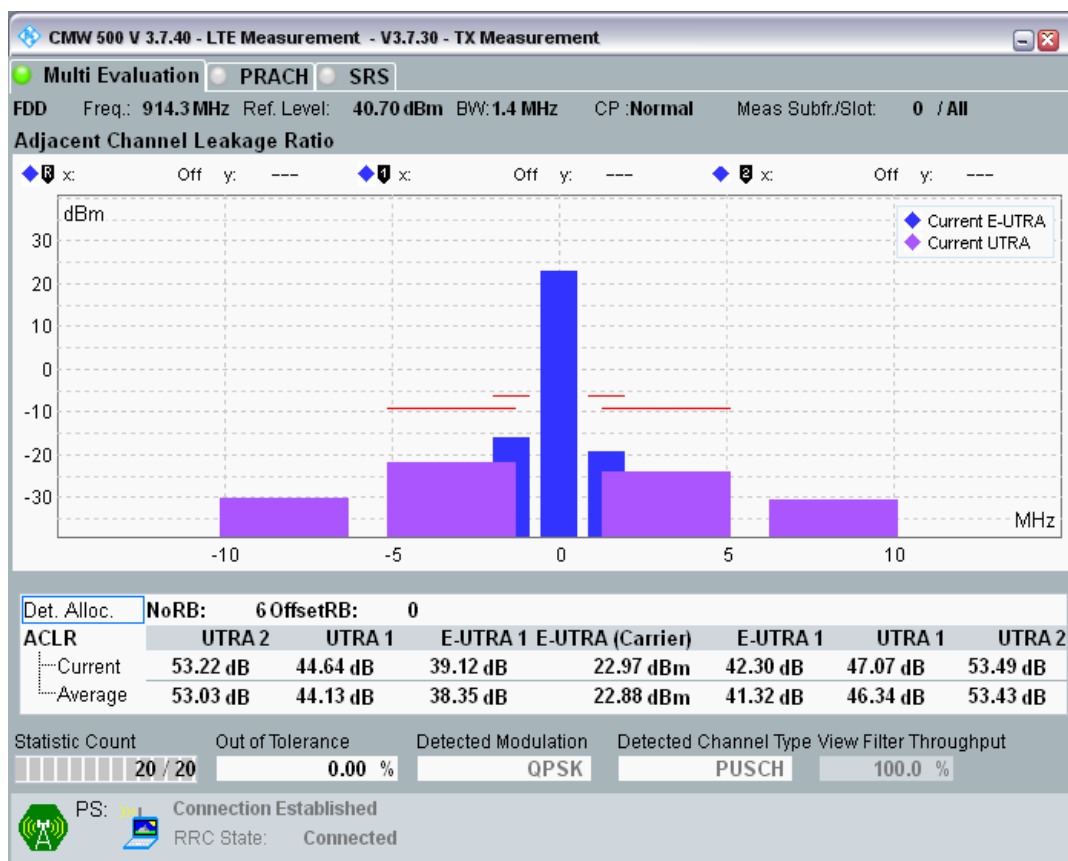
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



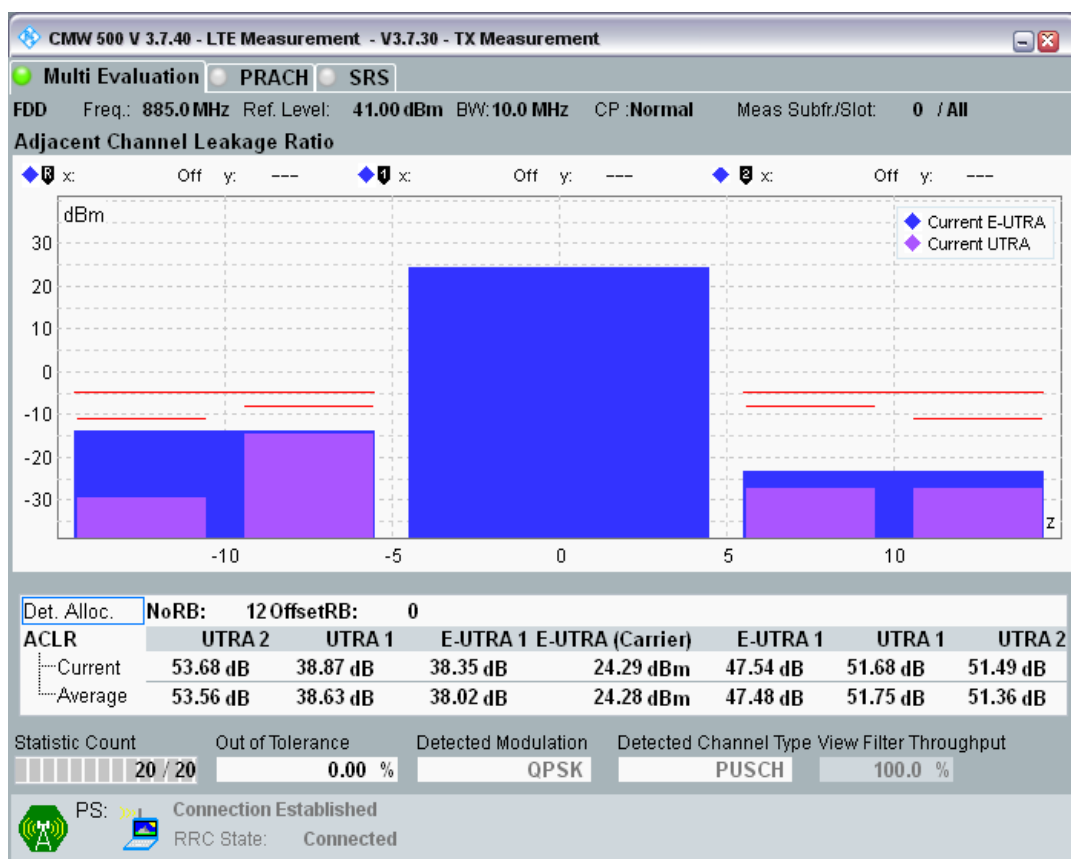
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#Max.png



Band8 QPSK BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#0.png

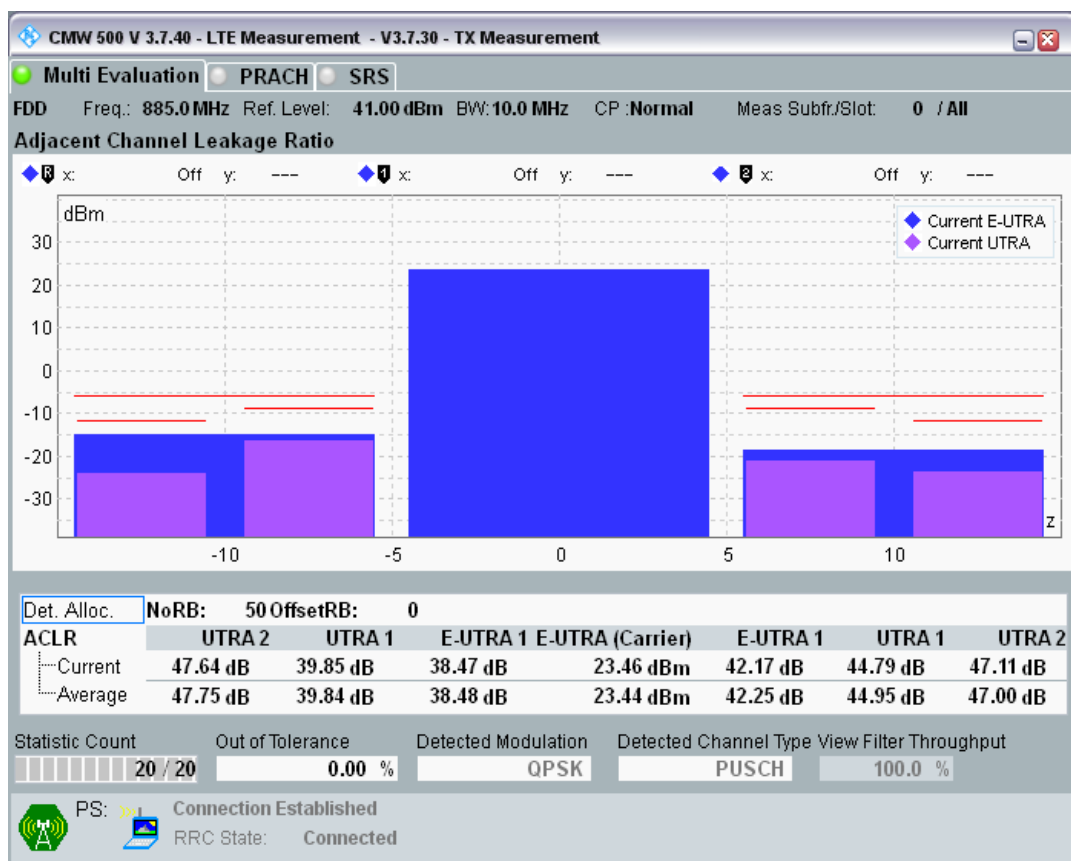


Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#Max.png





Band8 QPSK BW=10MHz Channel=21500 RB Size=50 Position=#0.png



Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#0.png



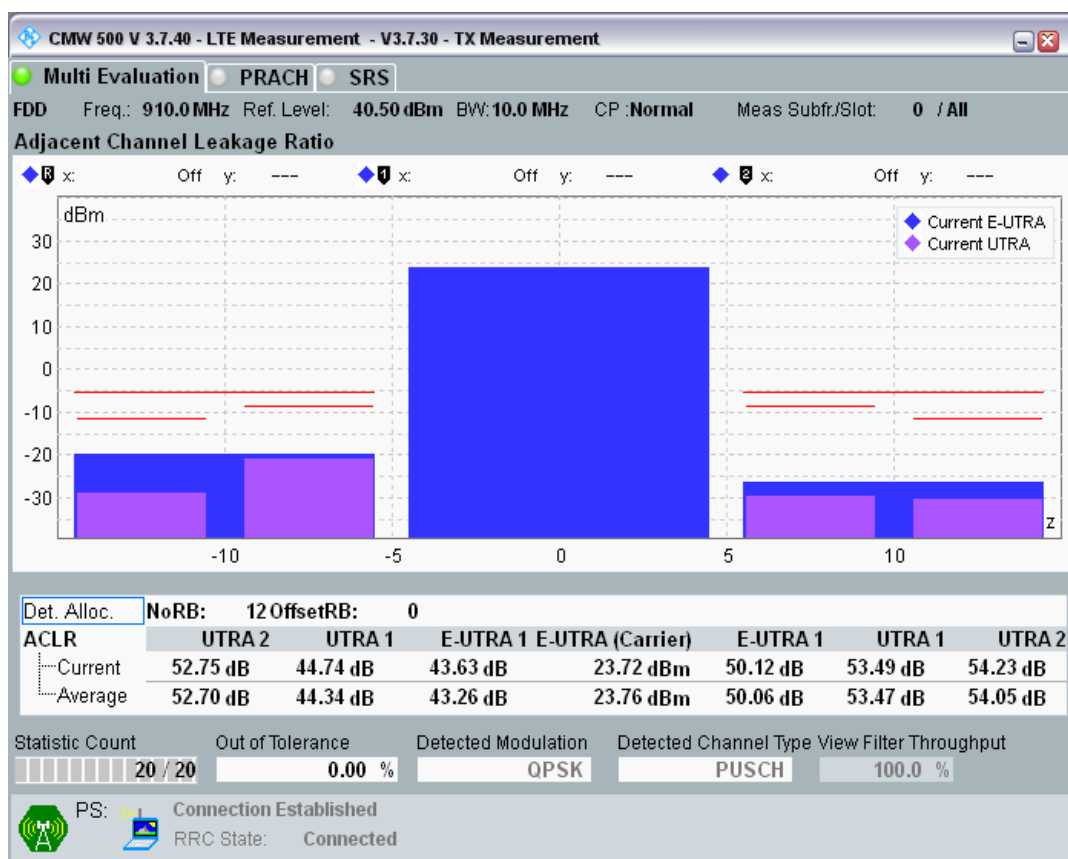
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Band8 QPSK BW=10MHz Channel=21625 RB Size=50 Position=#0.png



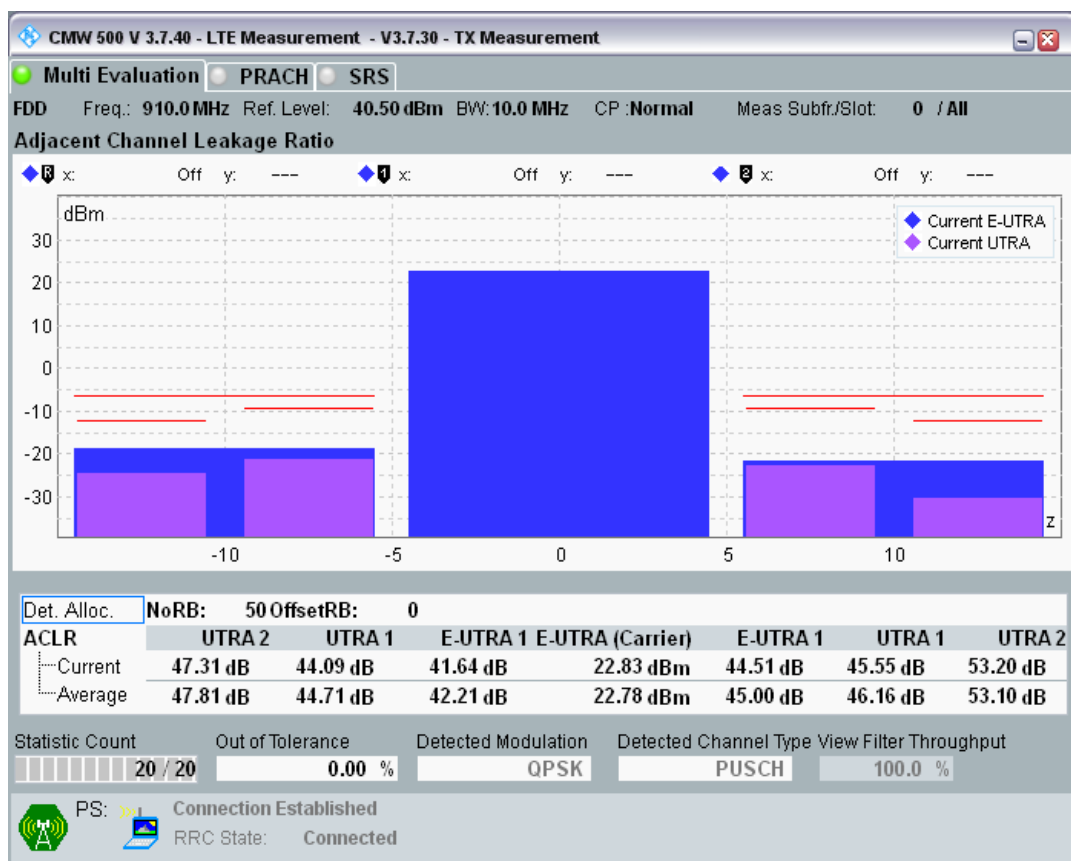
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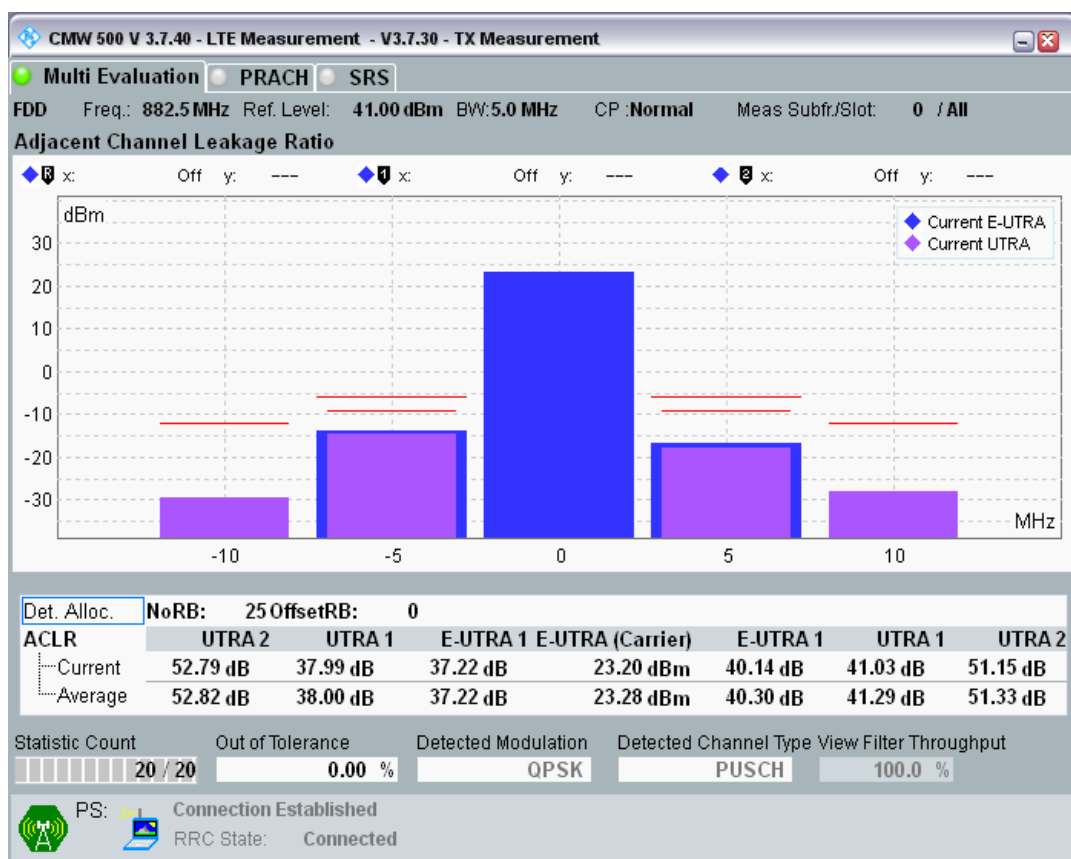
Band8 QPSK BW=10MHz Channel=21750 RB Size=12 Position=#Max.png



Band8 QPSK BW=10MHz Channel=21750 RB Size=50 Position=#0.png



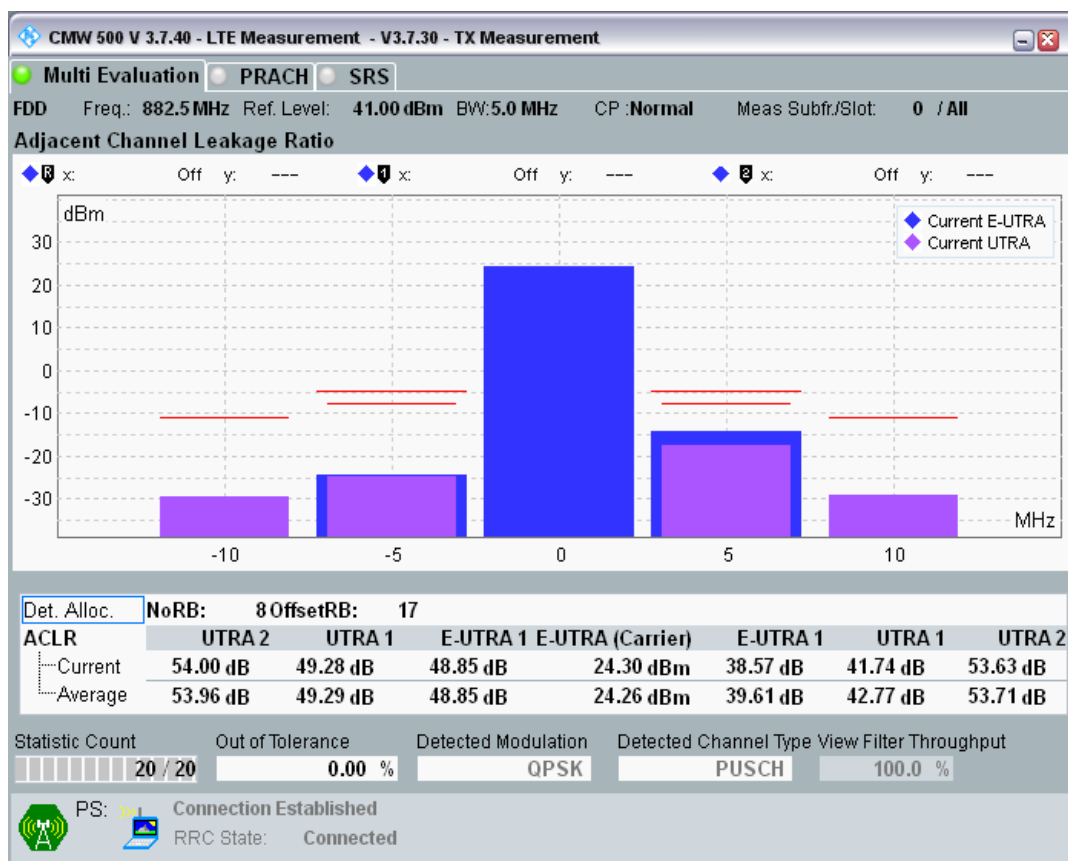
Band8 QPSK BW=5MHz Channel=21475 RB Size=25 Position=#0.png



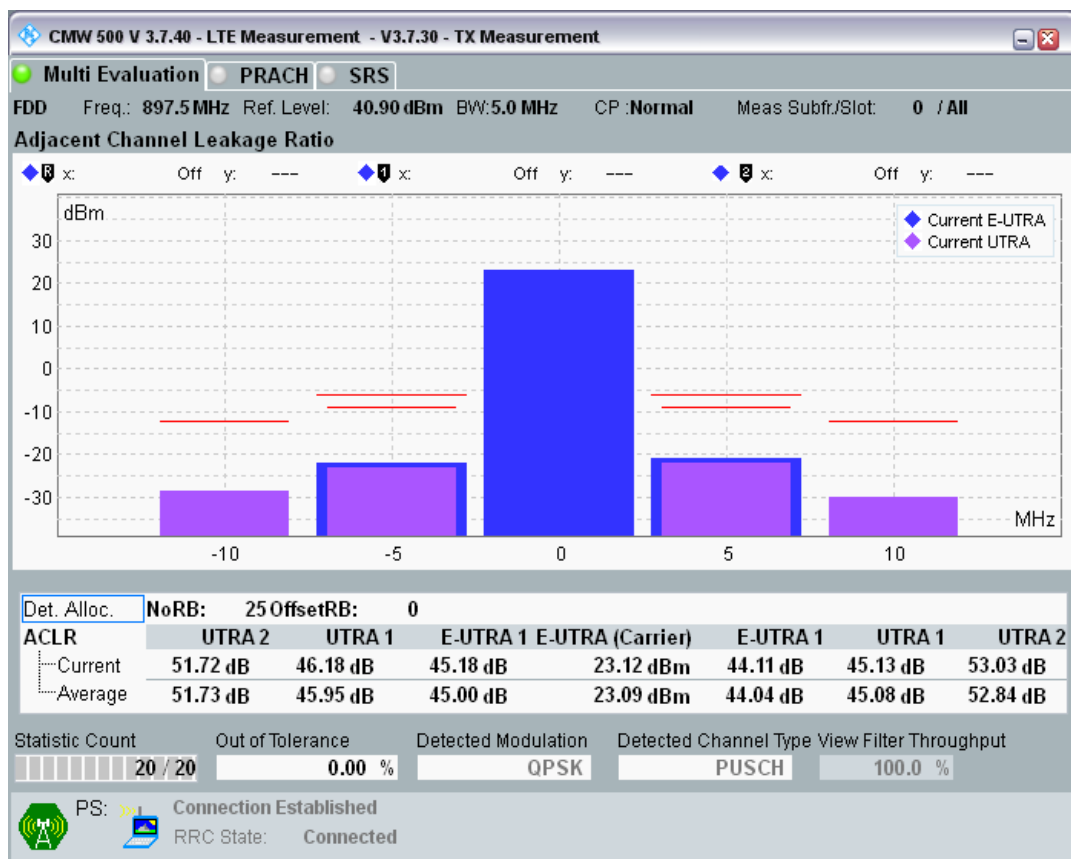
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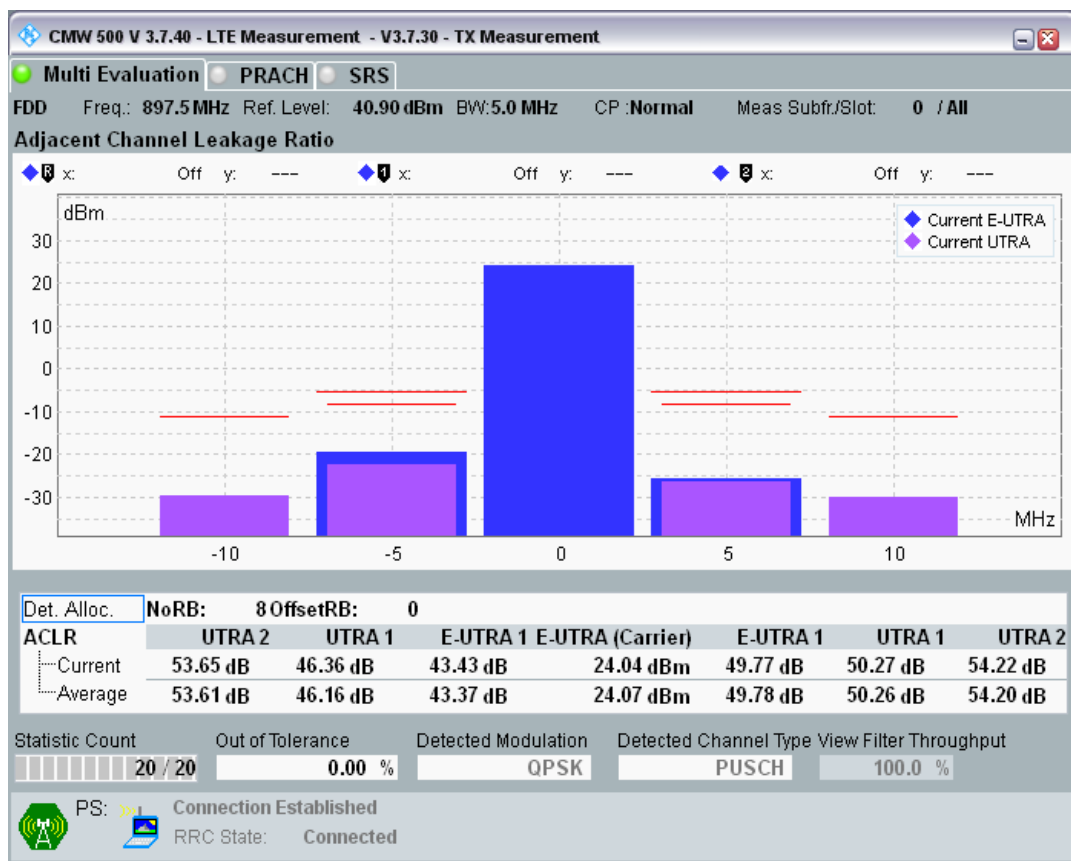
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Band8 QPSK BW=5MHz Channel=21625 RB Size=25 Position=#0.png

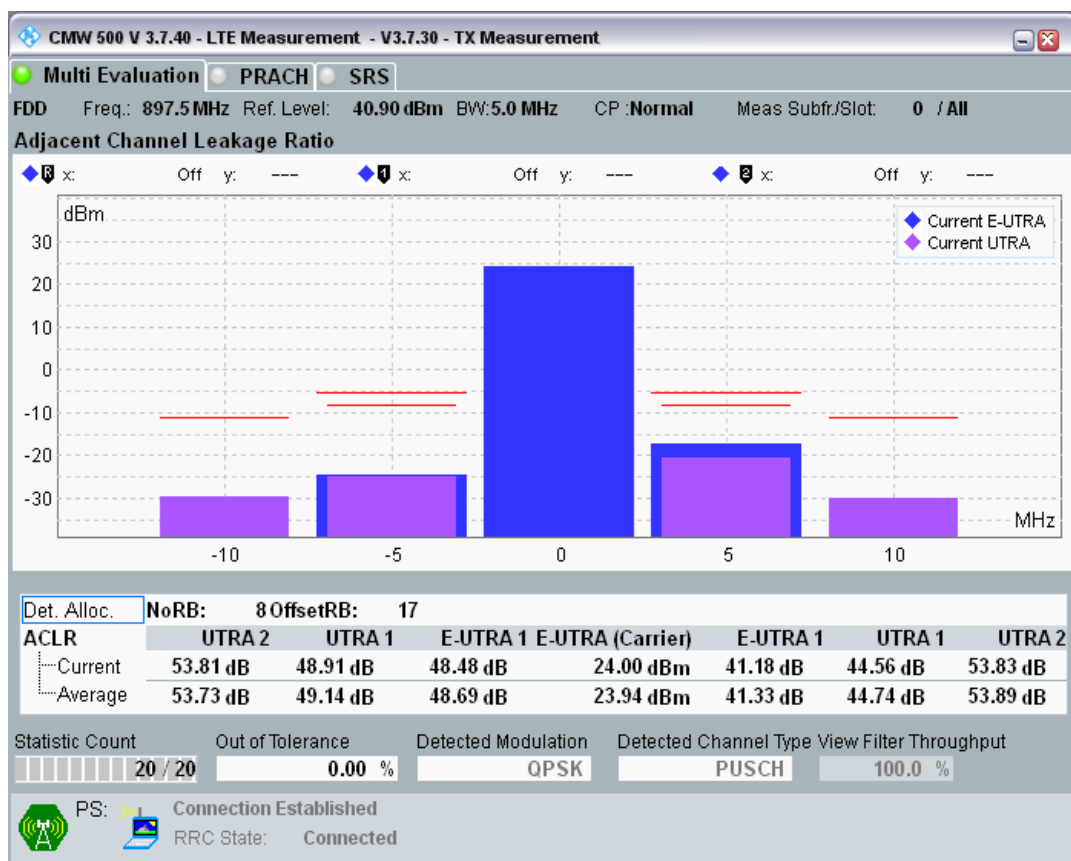


Band8 QPSK BW=5MHz Channel=21625 RB Size=8 Position=#0.png

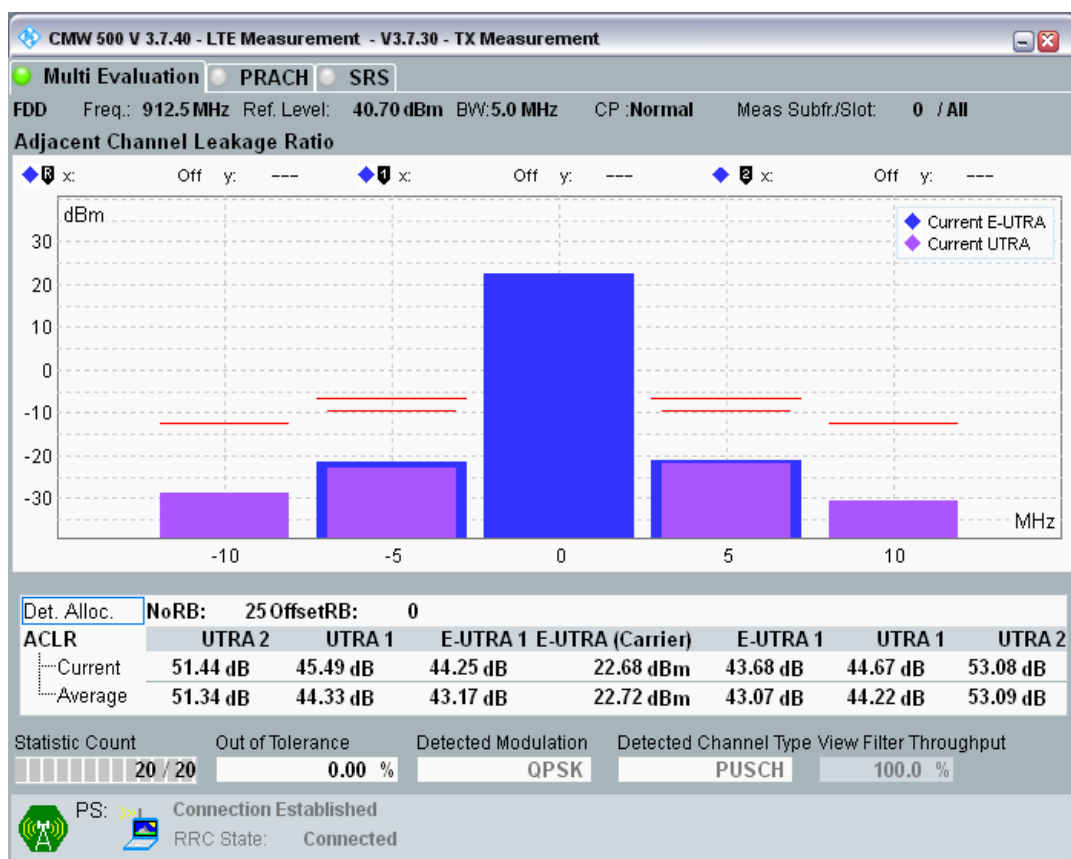




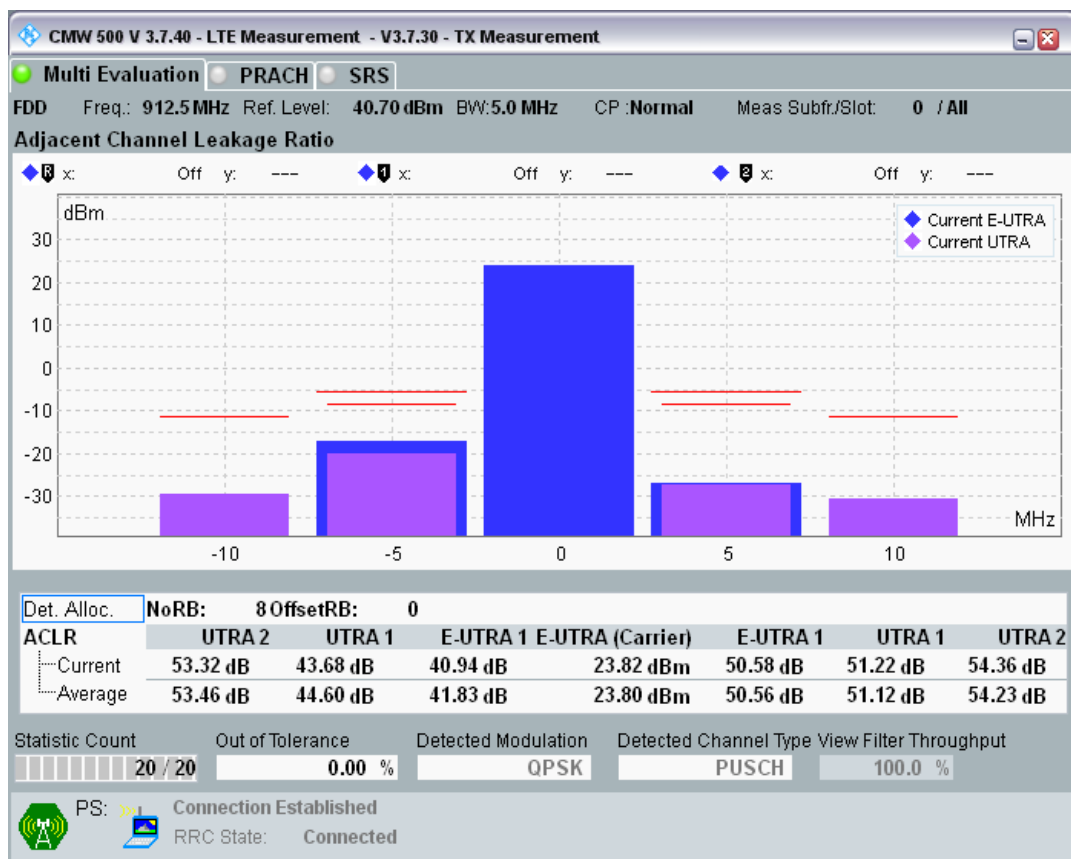
Band8 QPSK BW=5MHz Channel=21625 RB Size=8 Position=#Max.png



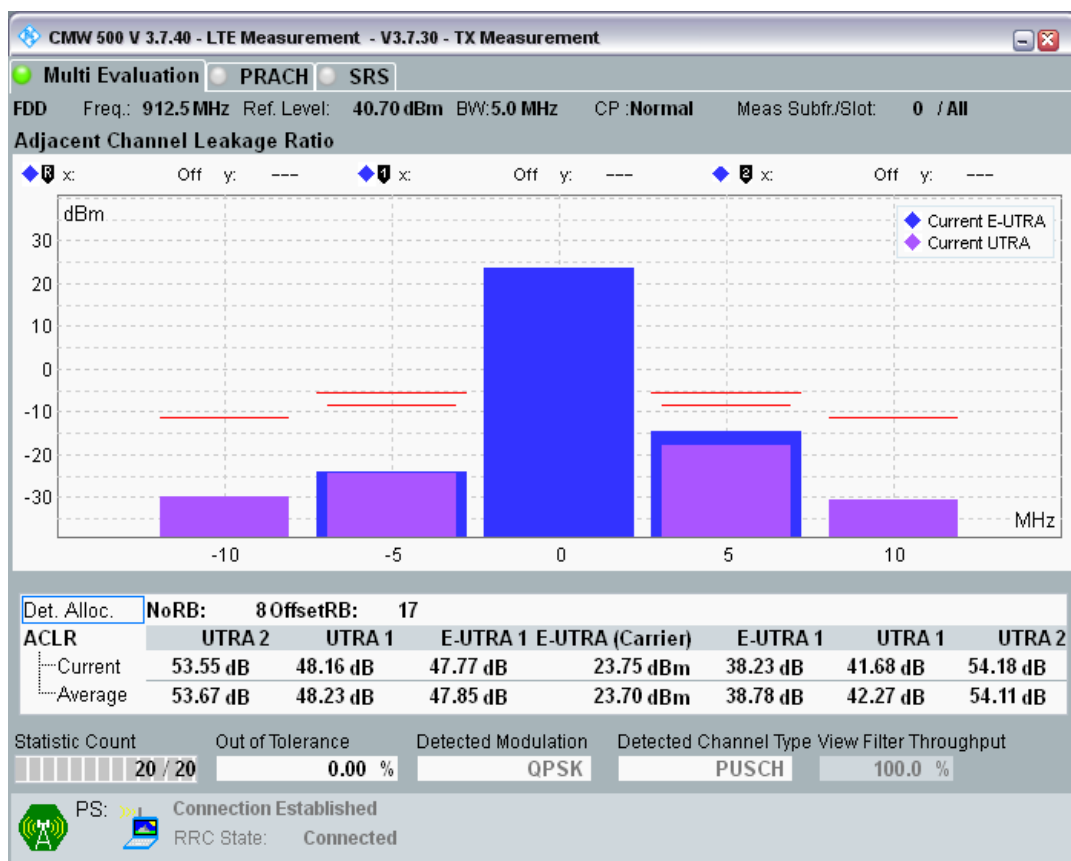
Band8 QPSK BW=5MHz Channel=21775 RB Size=25 Position=#0.png



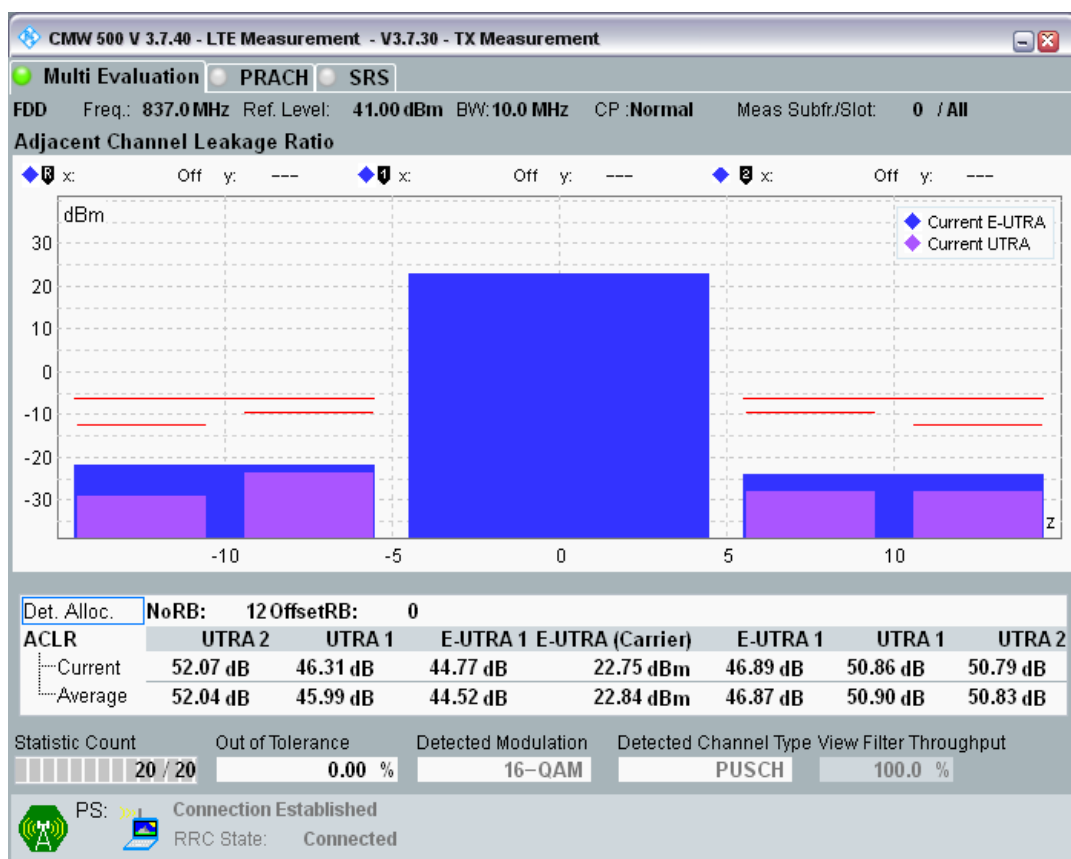
Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#0.png



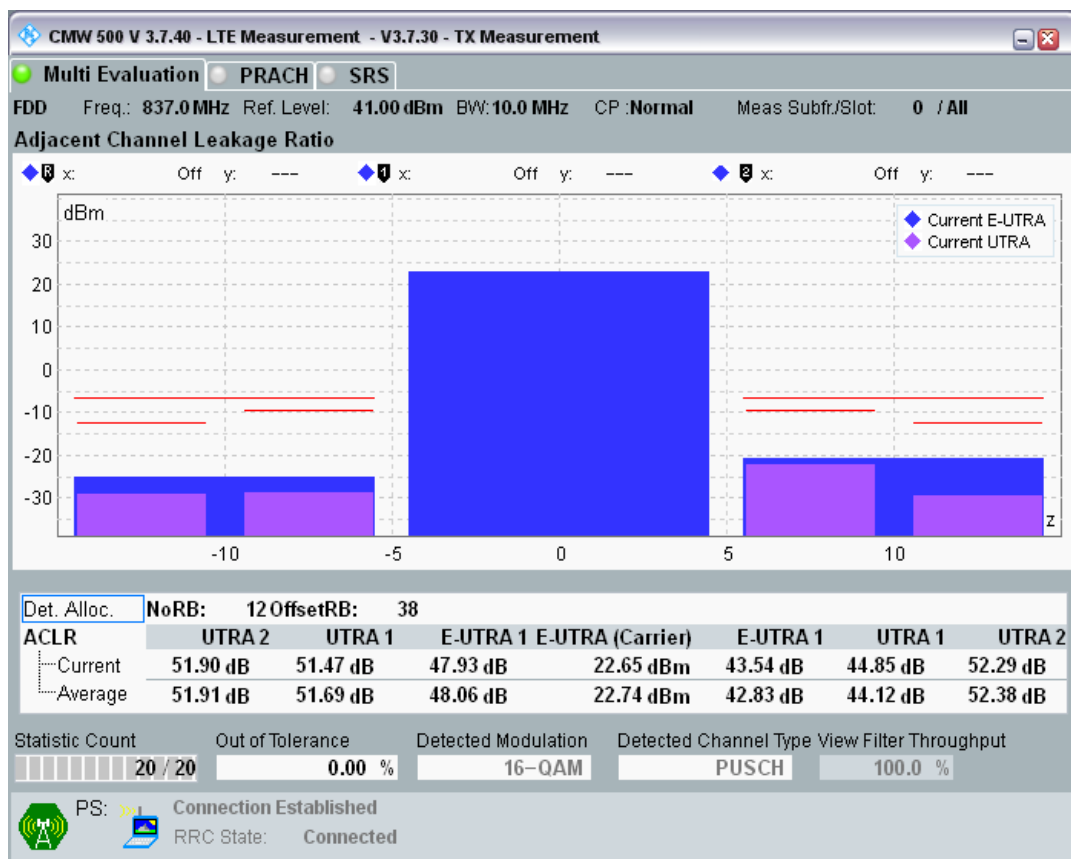
Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



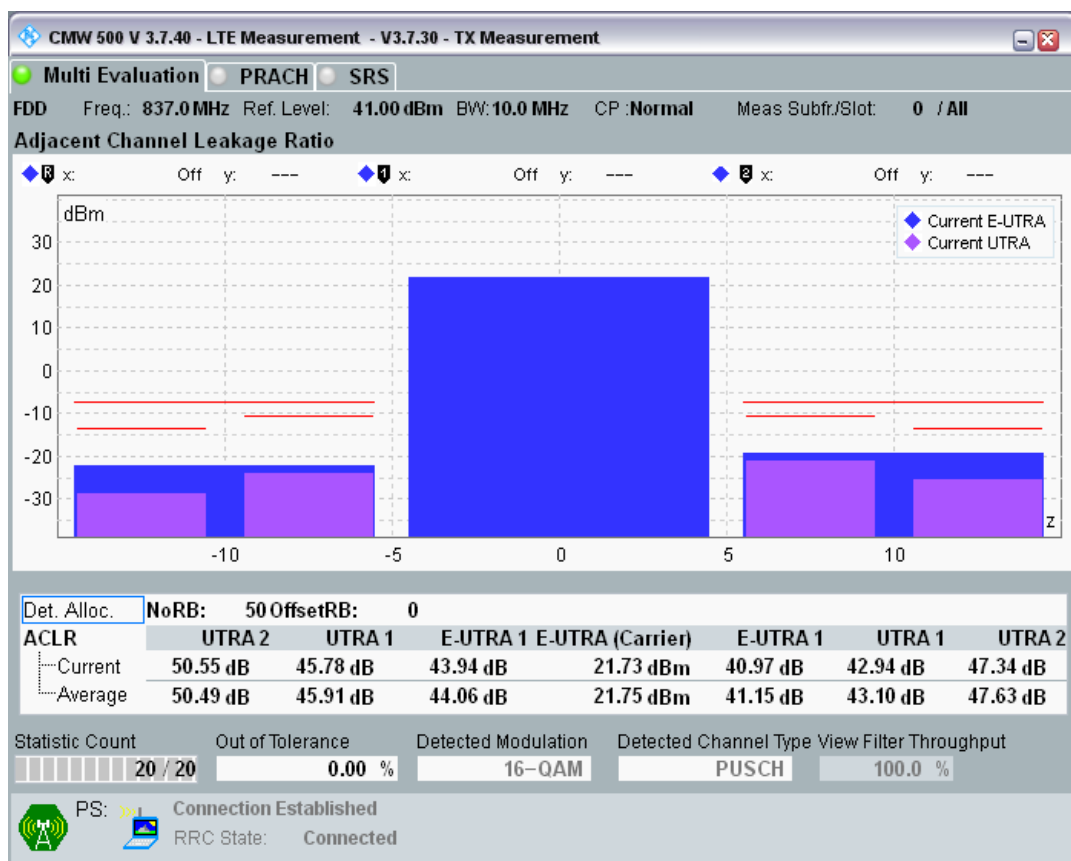
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#0.png



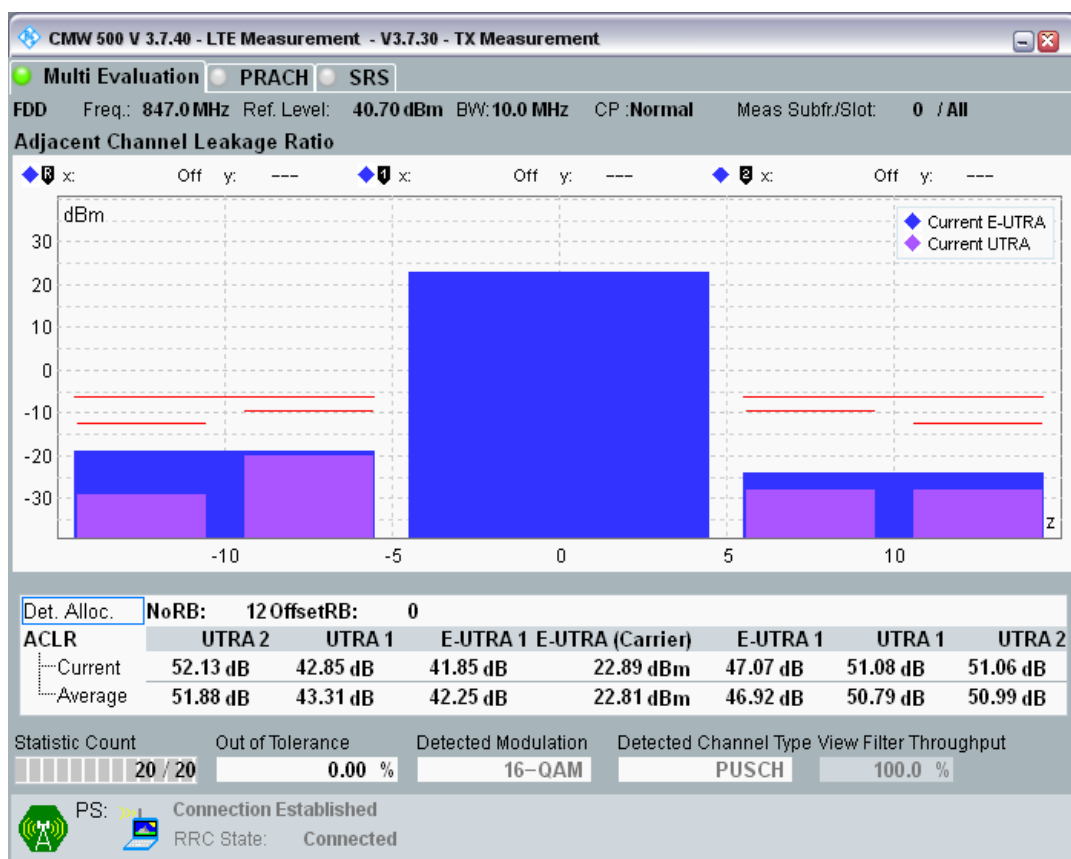
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#Max.png



Band20 QAM16 BW=10MHz Channel=24200 RB Size=50 Position=#0.png



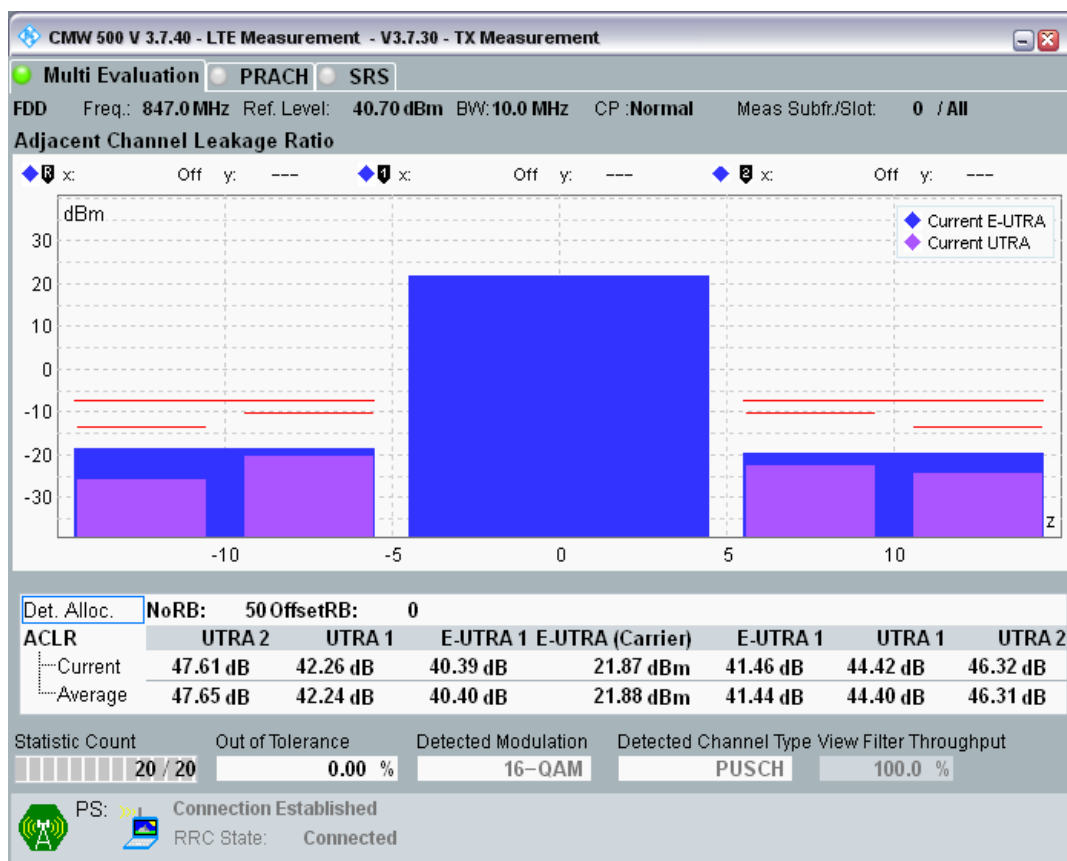
Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#0.png



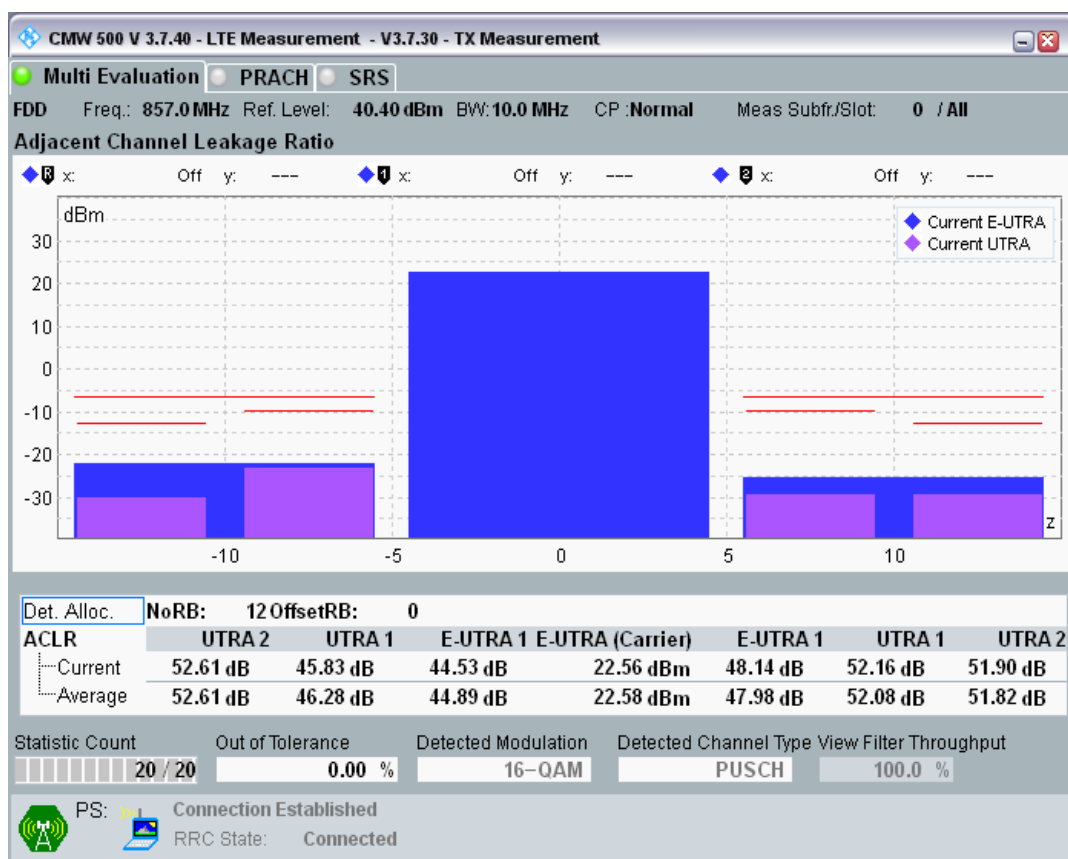
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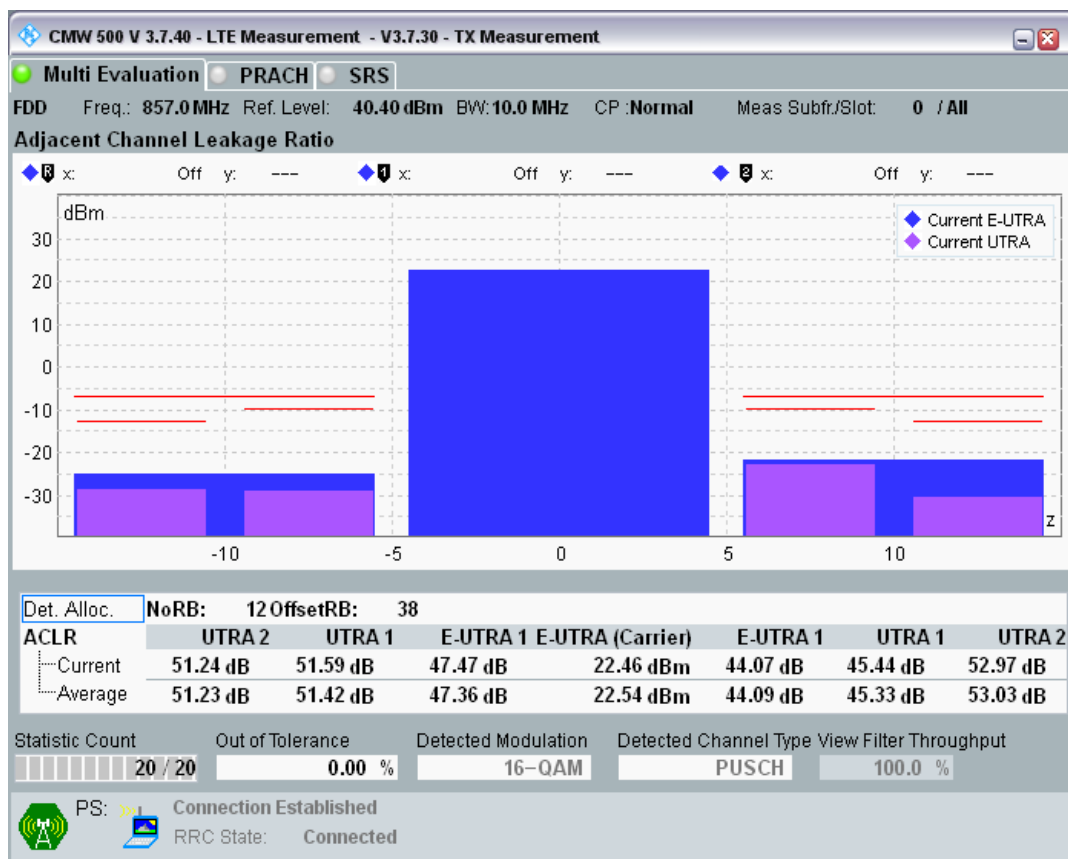
Band20 QAM16 BW=10MHz Channel=24300 RB Size=50 Position=#0.png



Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#0.png



Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#Max.png

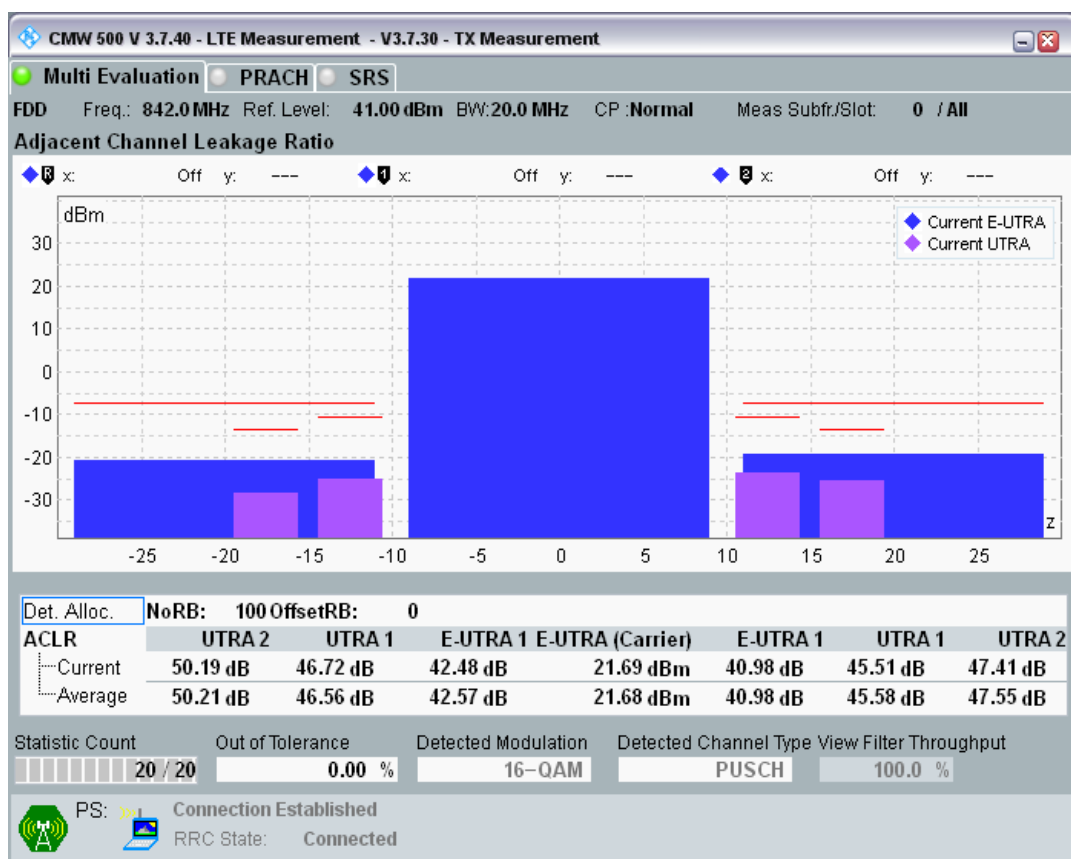




Band20 QAM16 BW=10MHz Channel=24400 RB Size=50 Position=#0.png



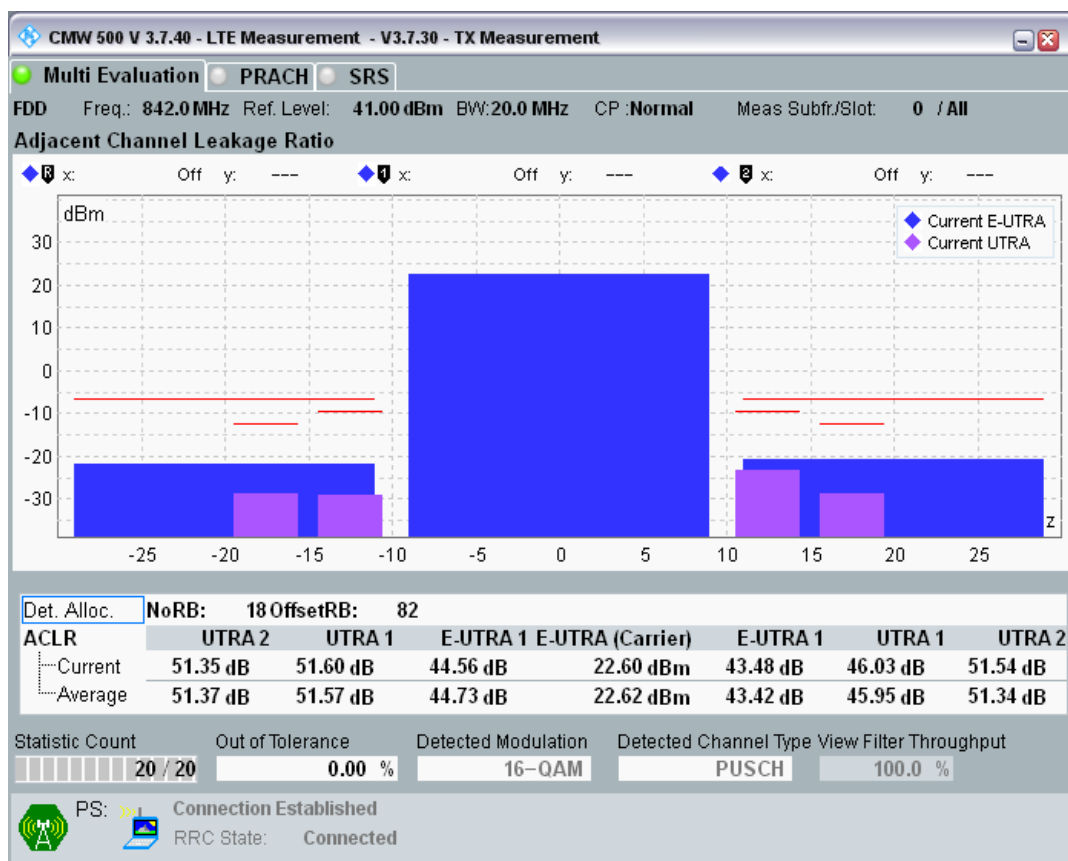
Band20 QAM16 BW=20MHz Channel=24250 RB Size=100 Position=#0.png



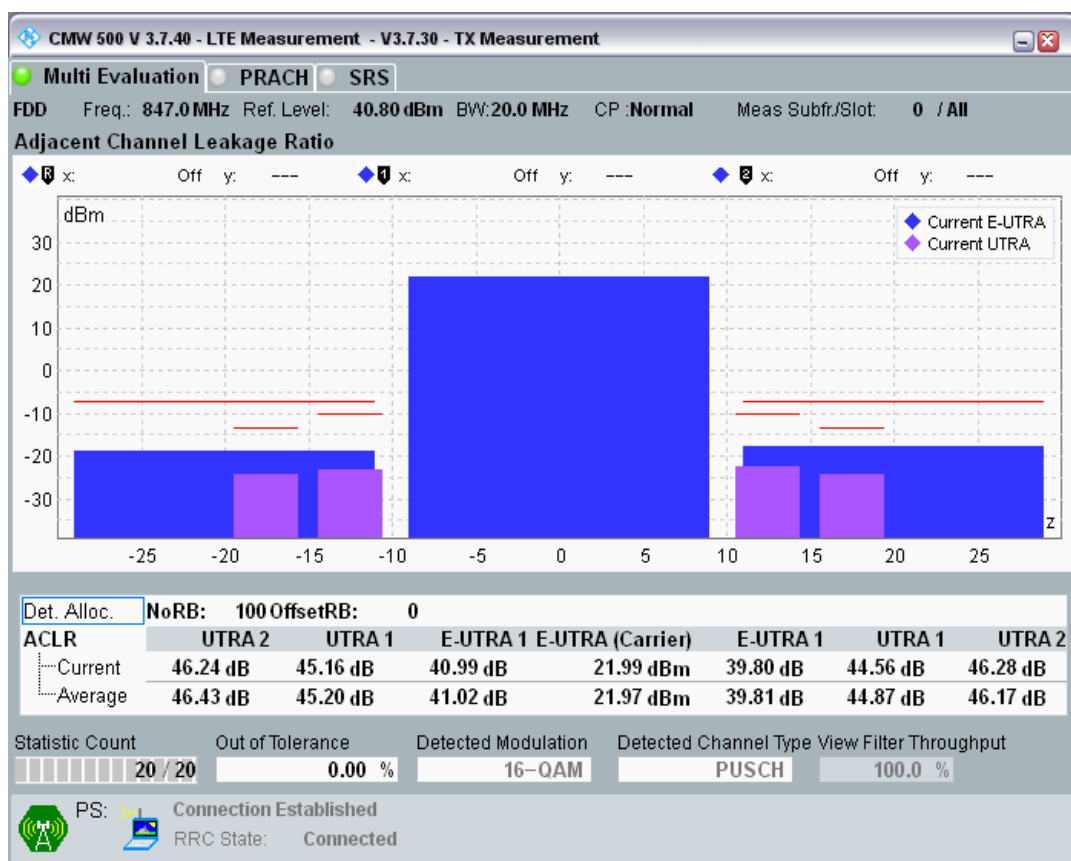
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#0.png



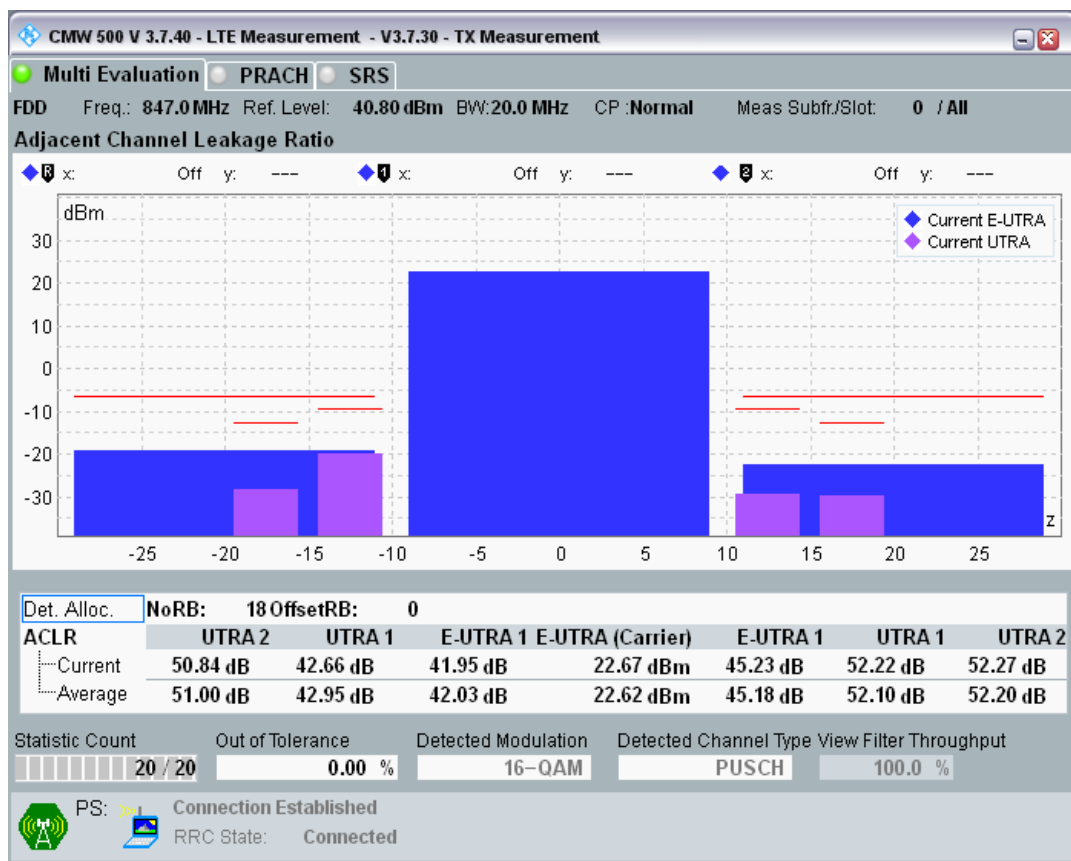
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



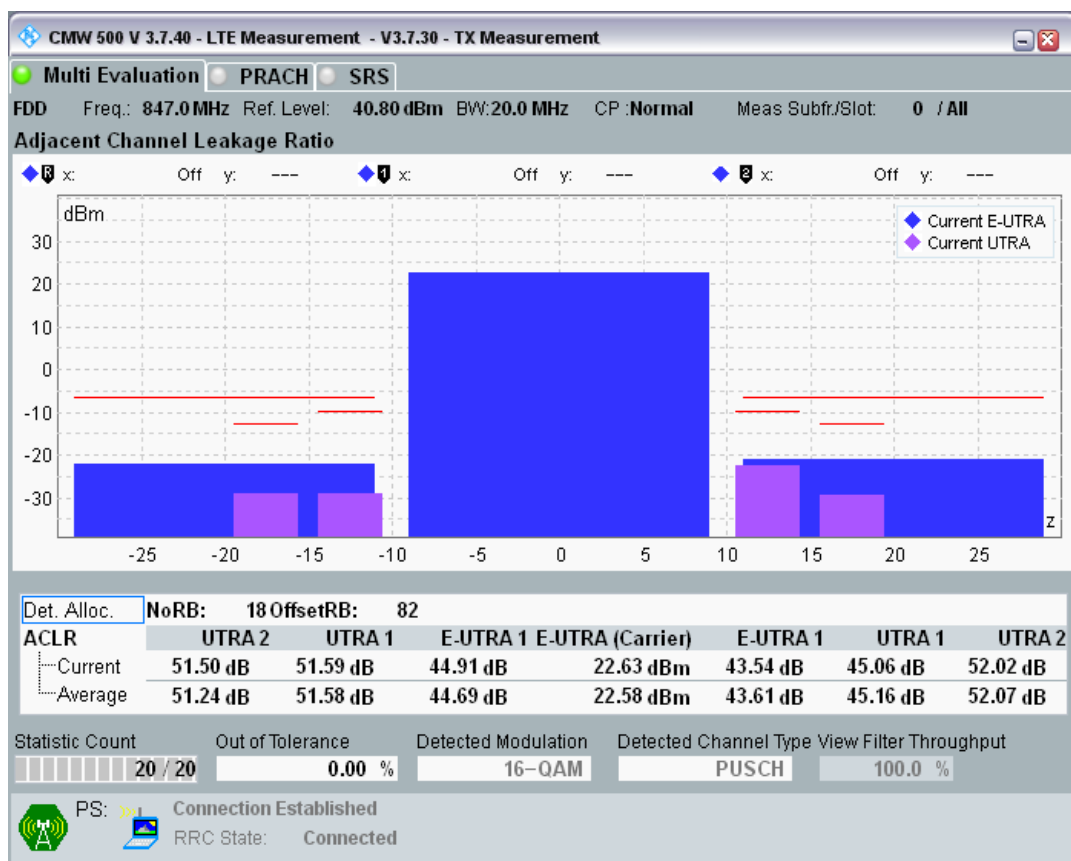
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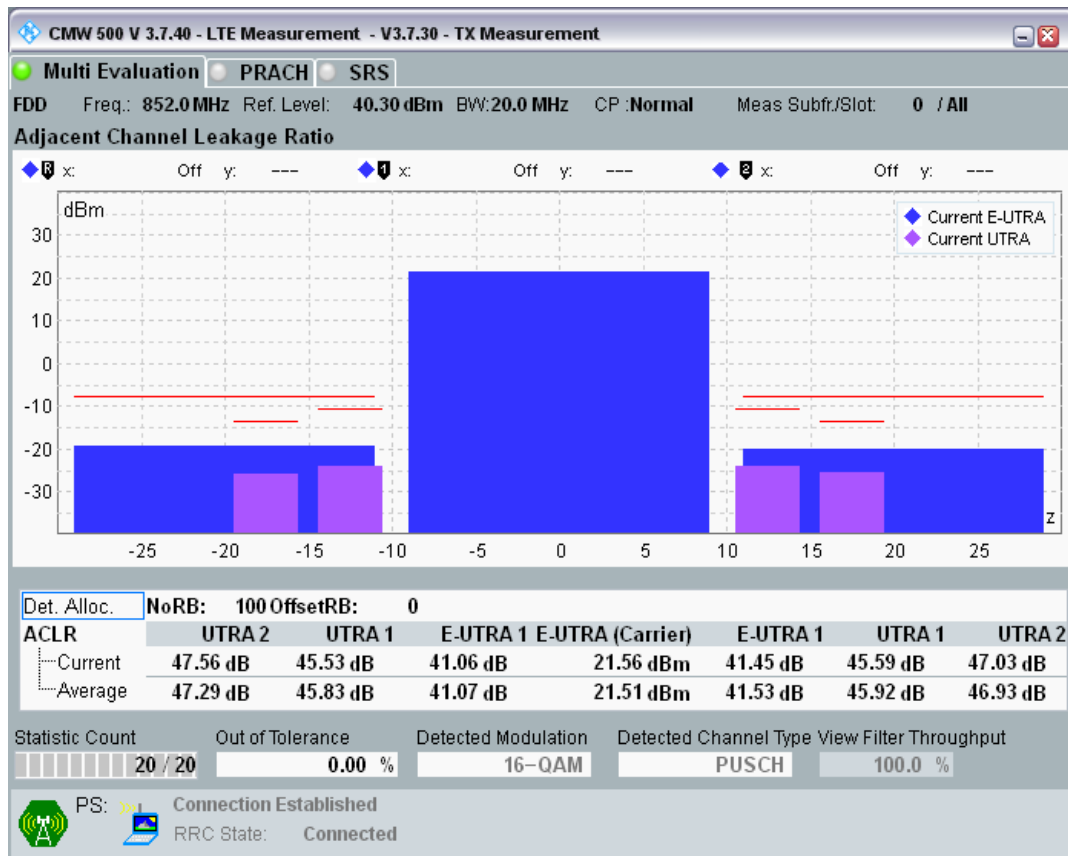
Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#0.png



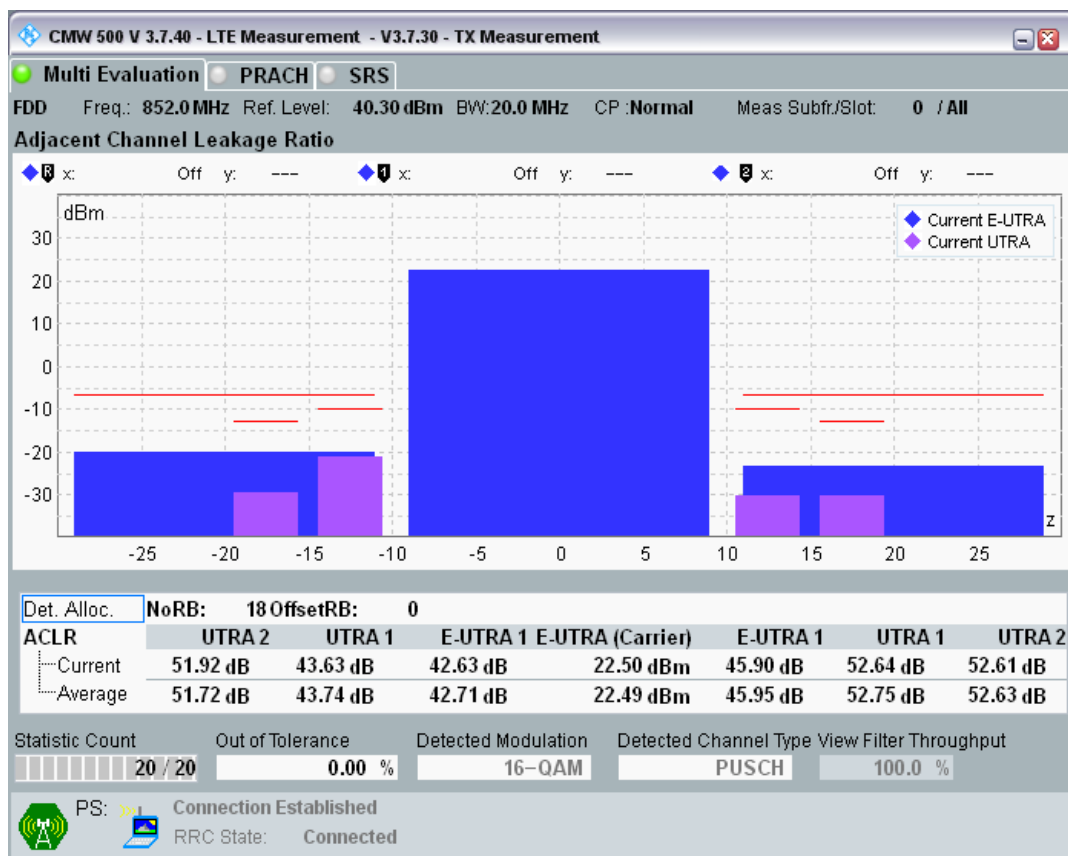
Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#Max.png



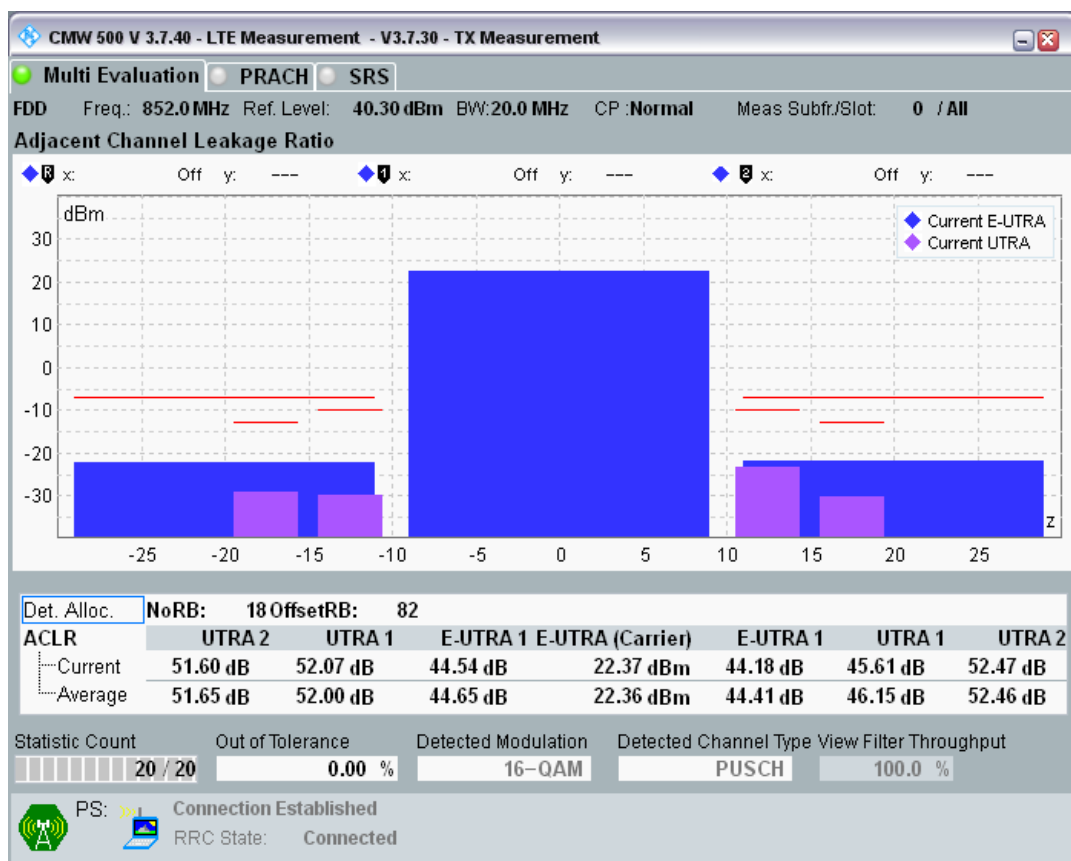
Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



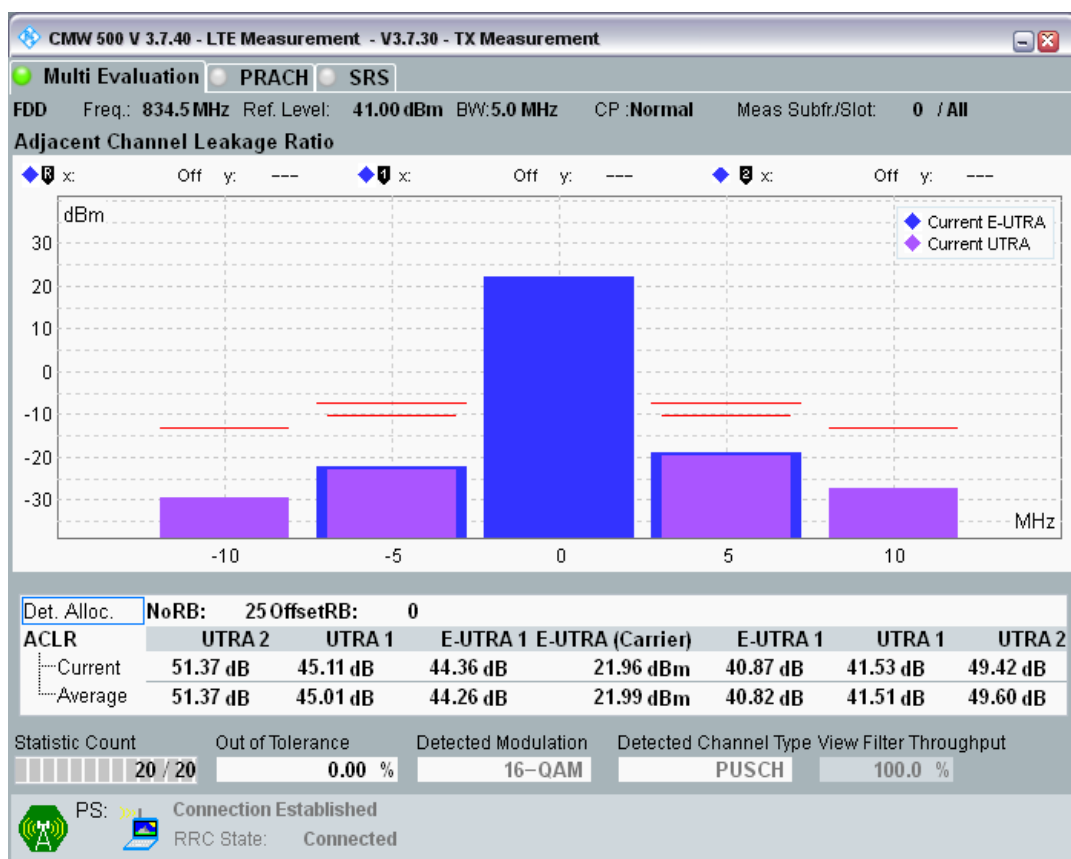
Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#0.png



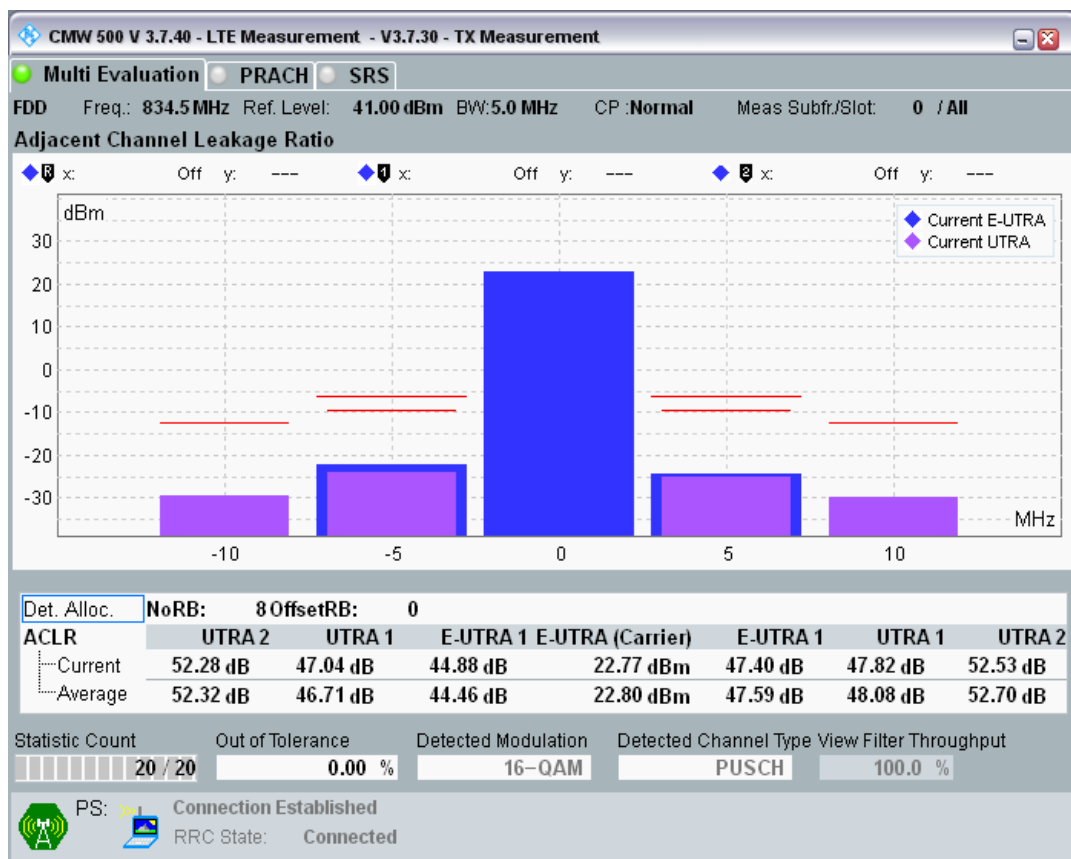
Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



Band20 QAM16 BW=5MHz Channel=24175 RB Size=25 Position=#0.png

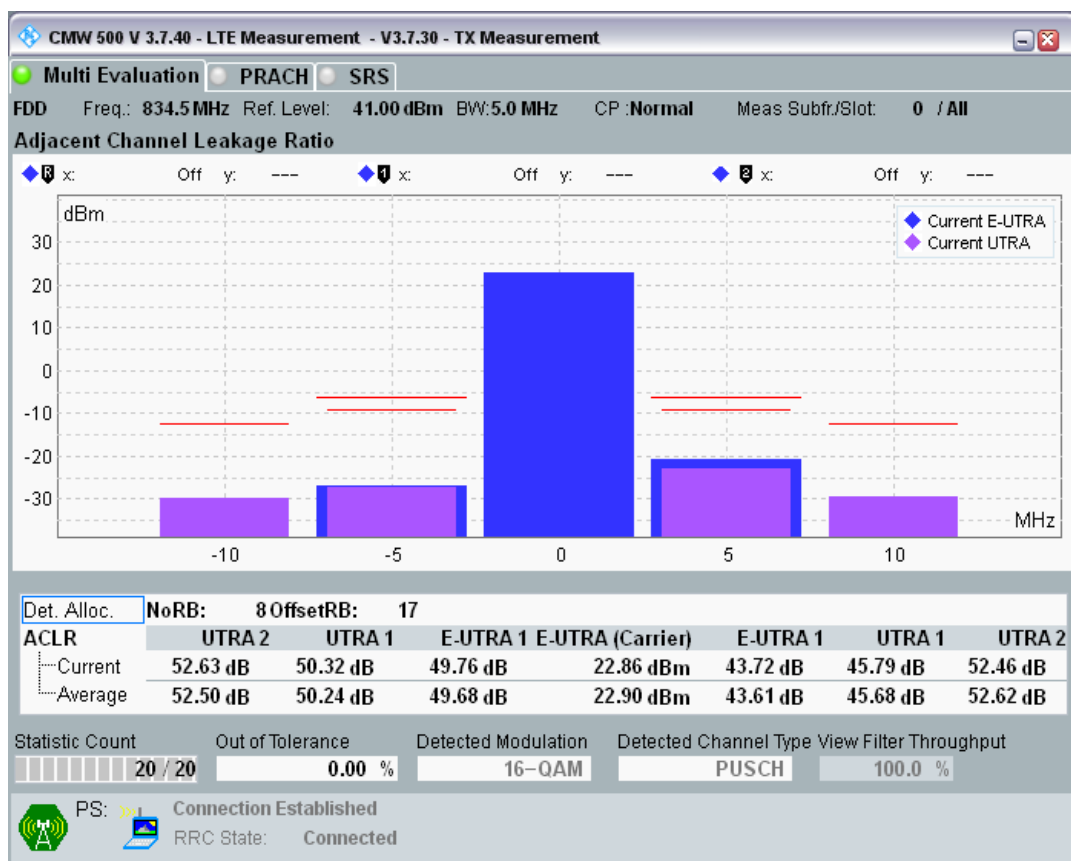


Band20 QAM16 BW=5MHz Channel=24175 RB Size=8 Position=#0.png

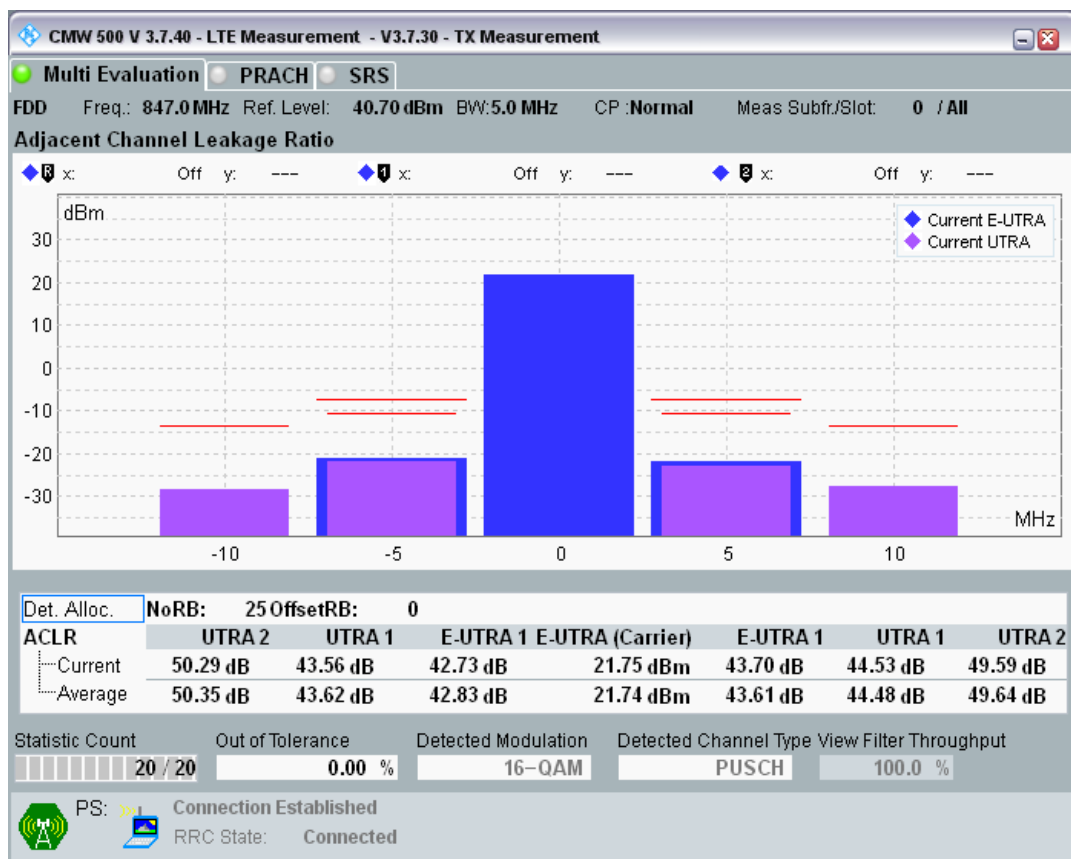




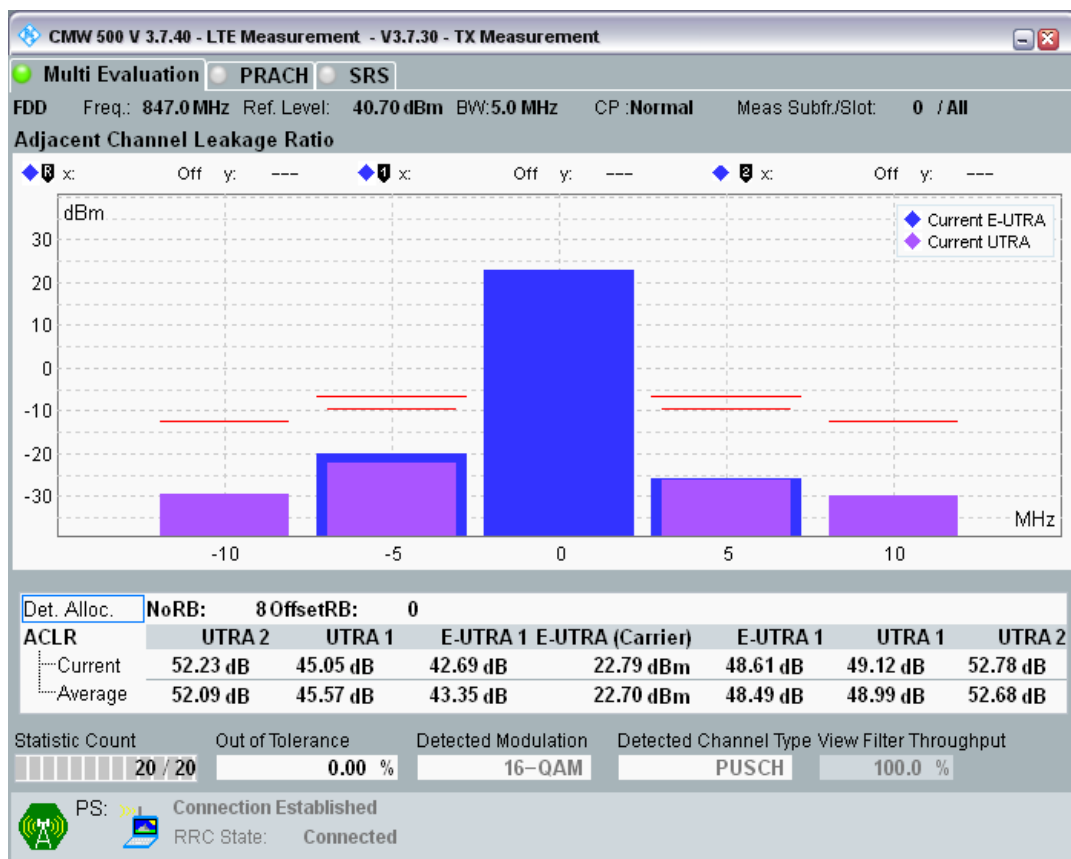
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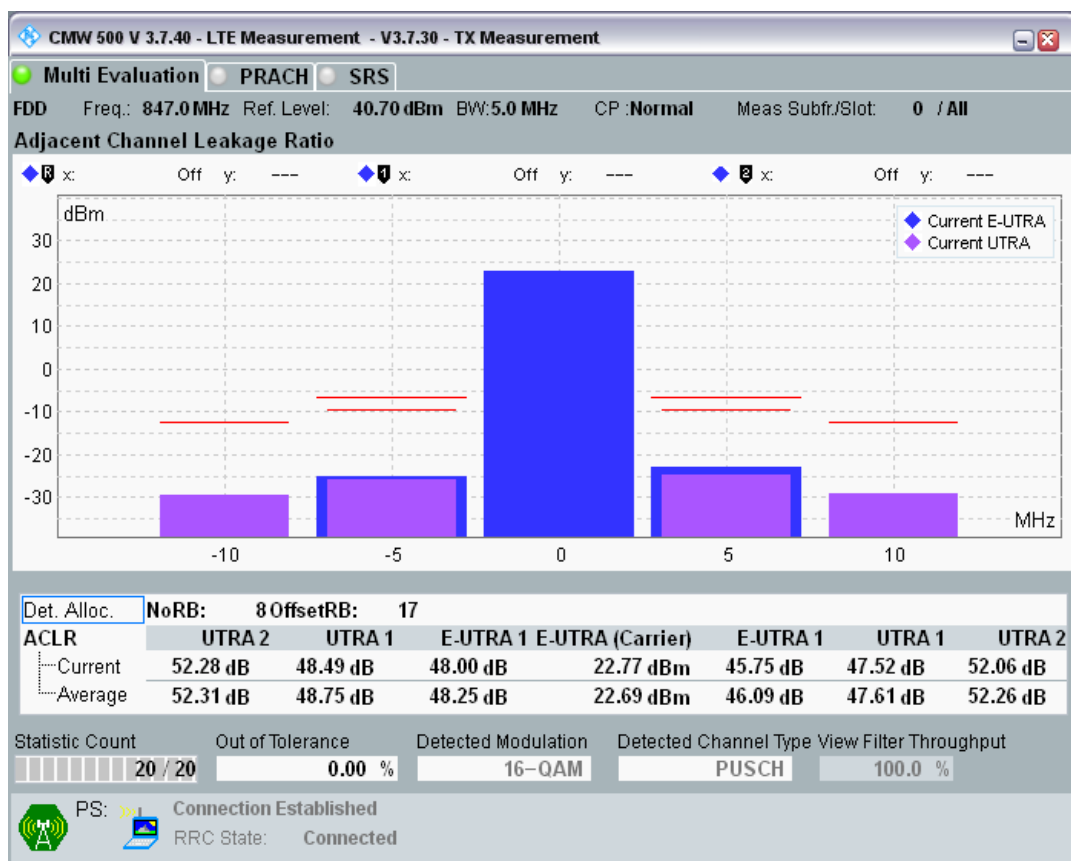
Band20 QAM16 BW=5MHz Channel=24300 RB Size=25 Position=#0.png



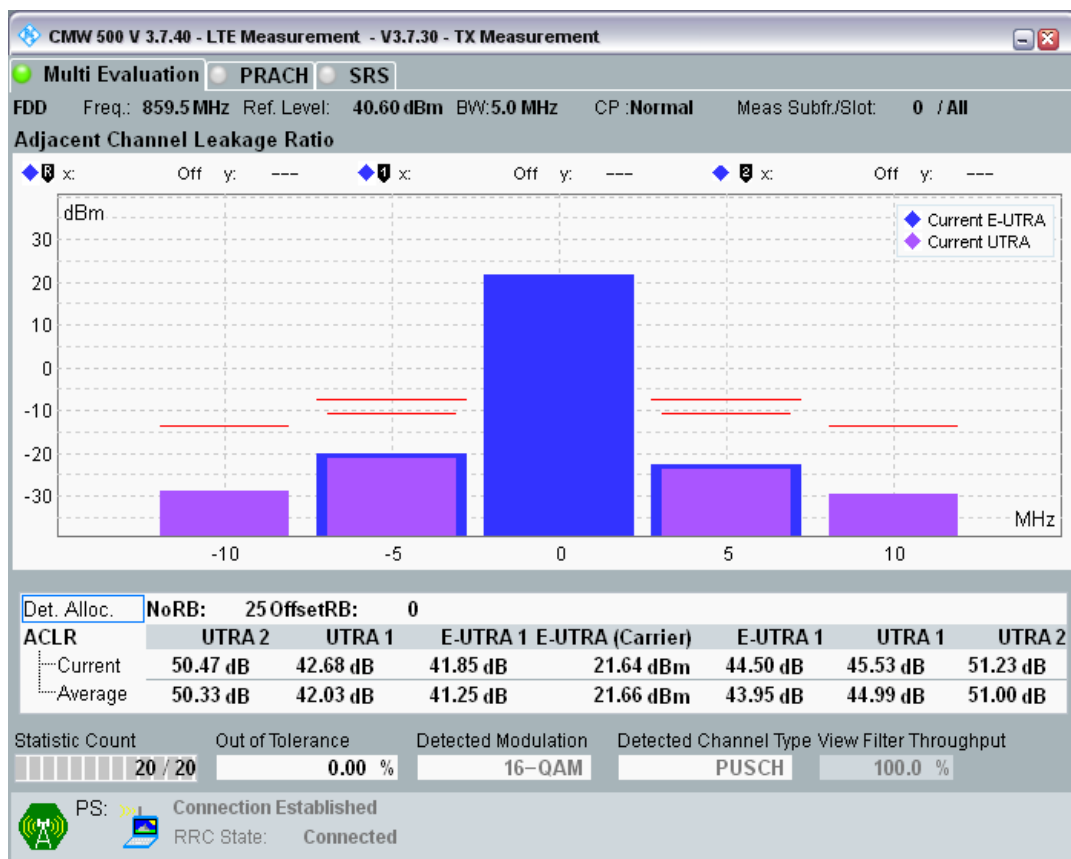
Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#0.png



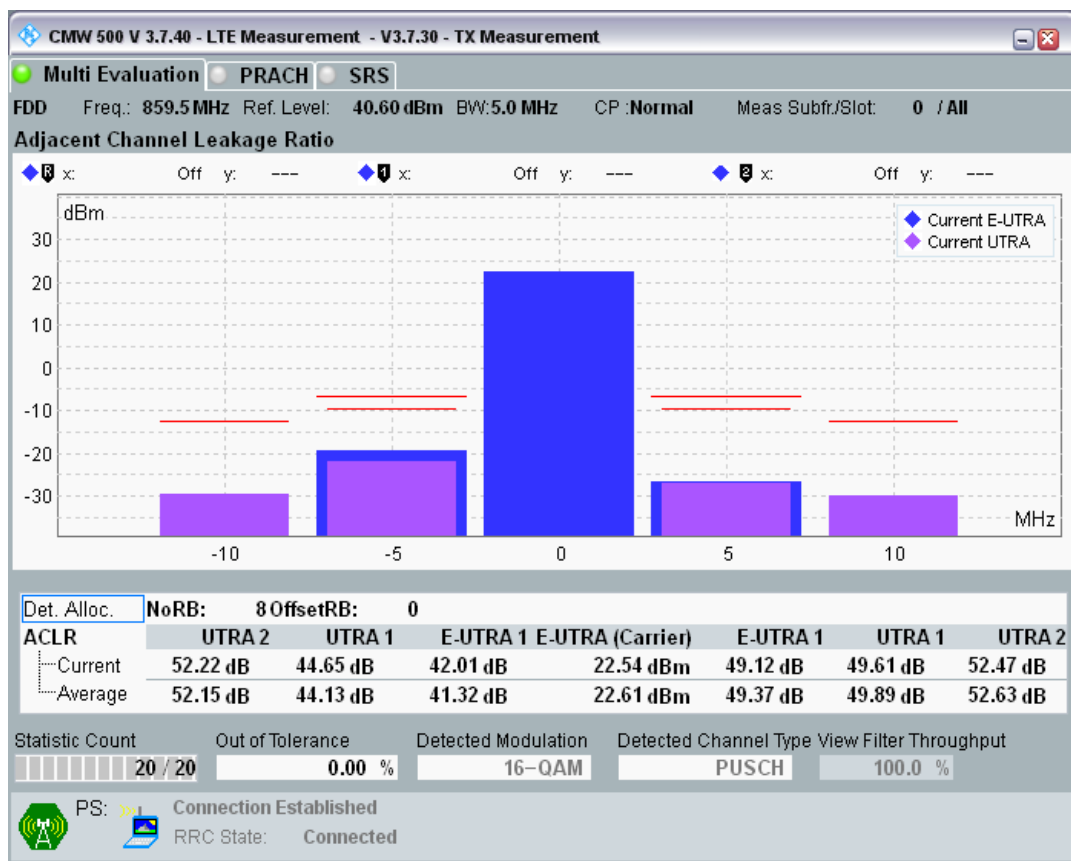
Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#Max.png



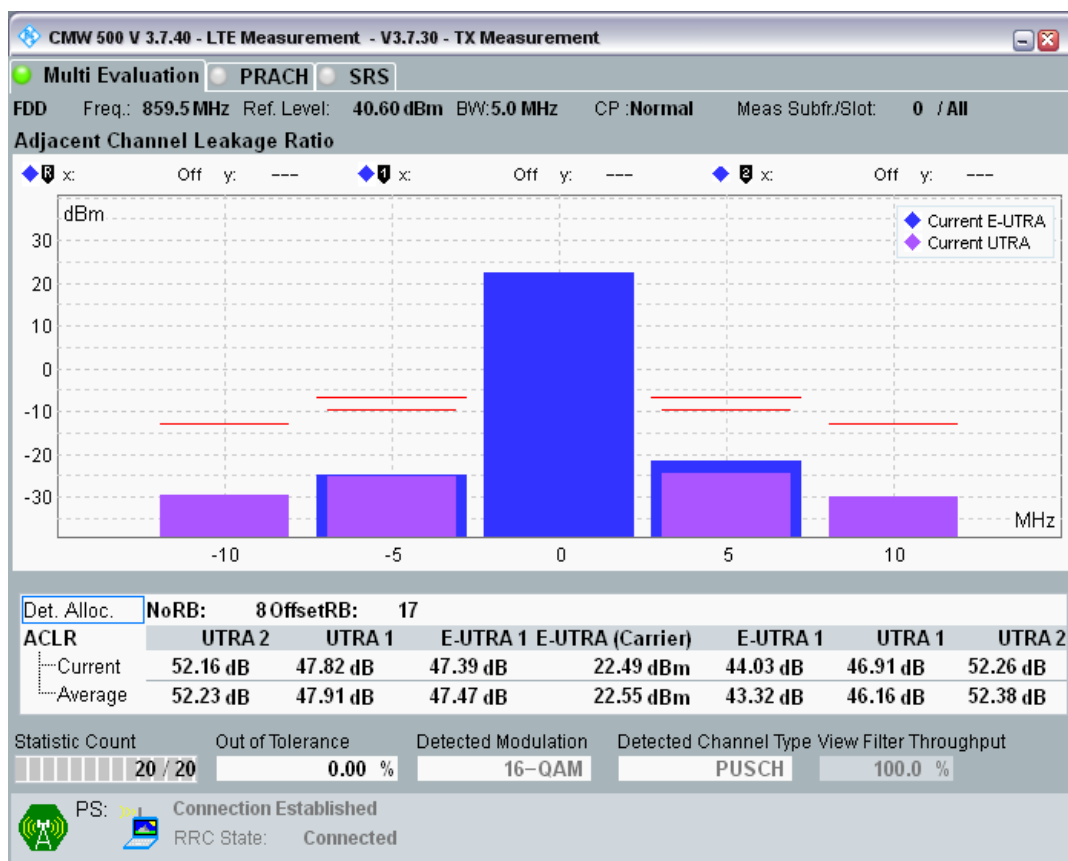
Band20 QAM16 BW=5MHz Channel=24425 RB Size=25 Position=#0.png



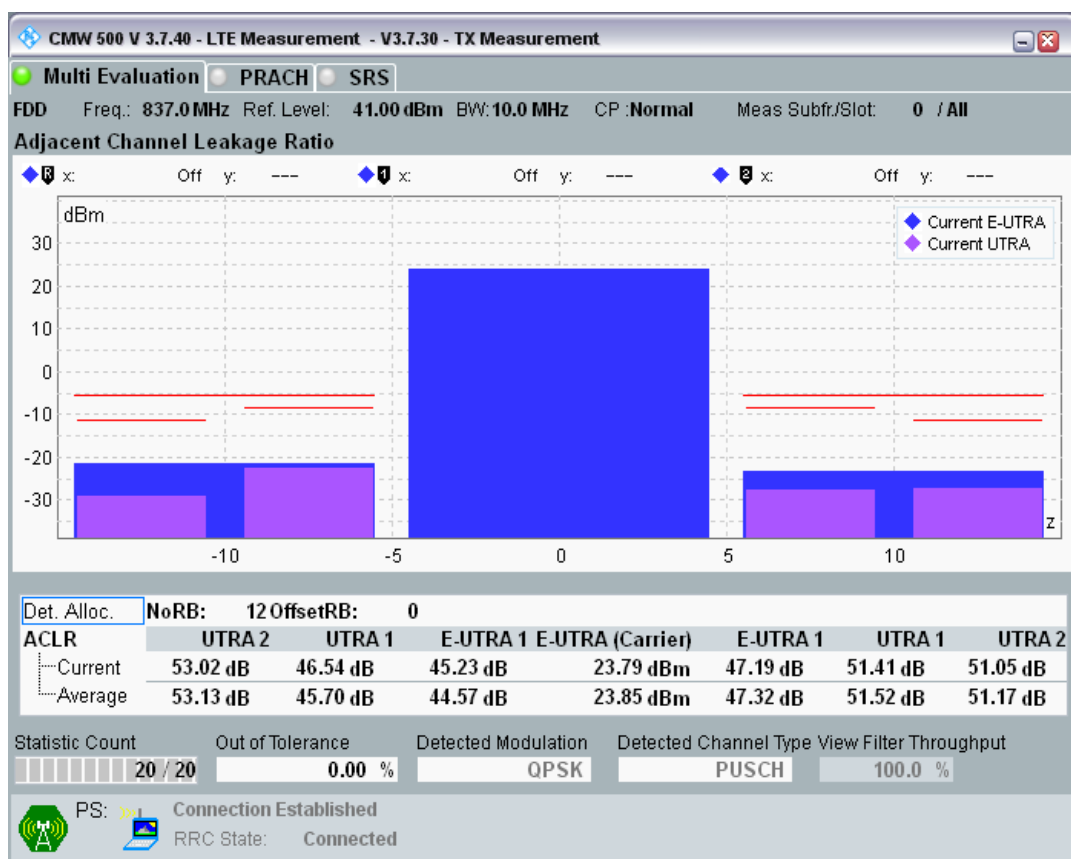
Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#0.png



Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#Max.png



Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



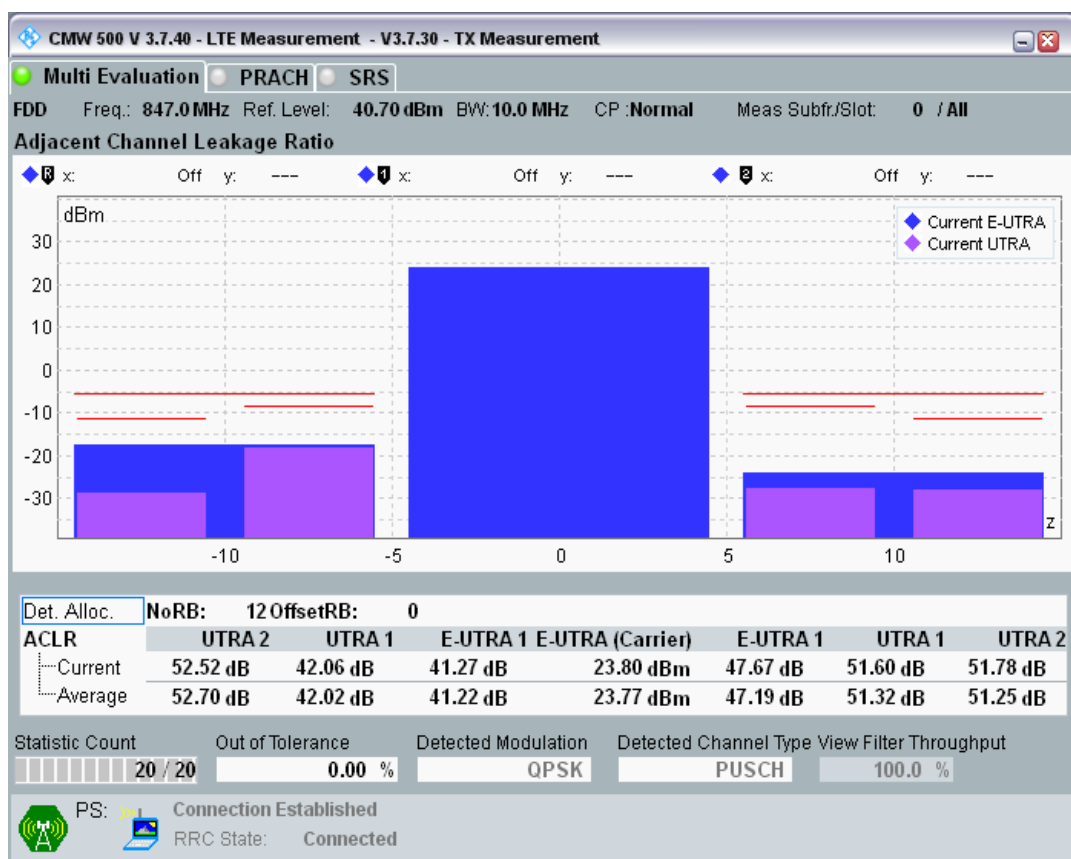
Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#Max.png



Band20 QPSK BW=10MHz Channel=24200 RB Size=50 Position=#0.png



Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#0.png

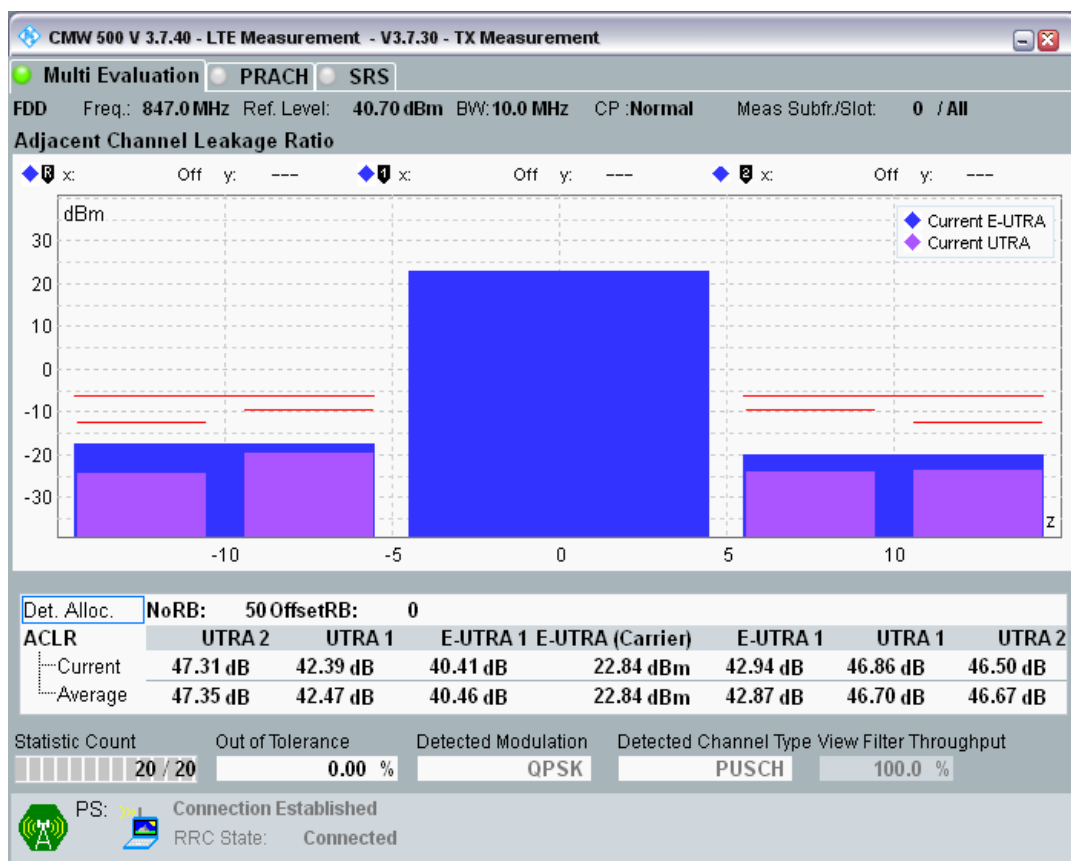


Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#Max.png





Band20 QPSK BW=10MHz Channel=24300 RB Size=50 Position=#0.png



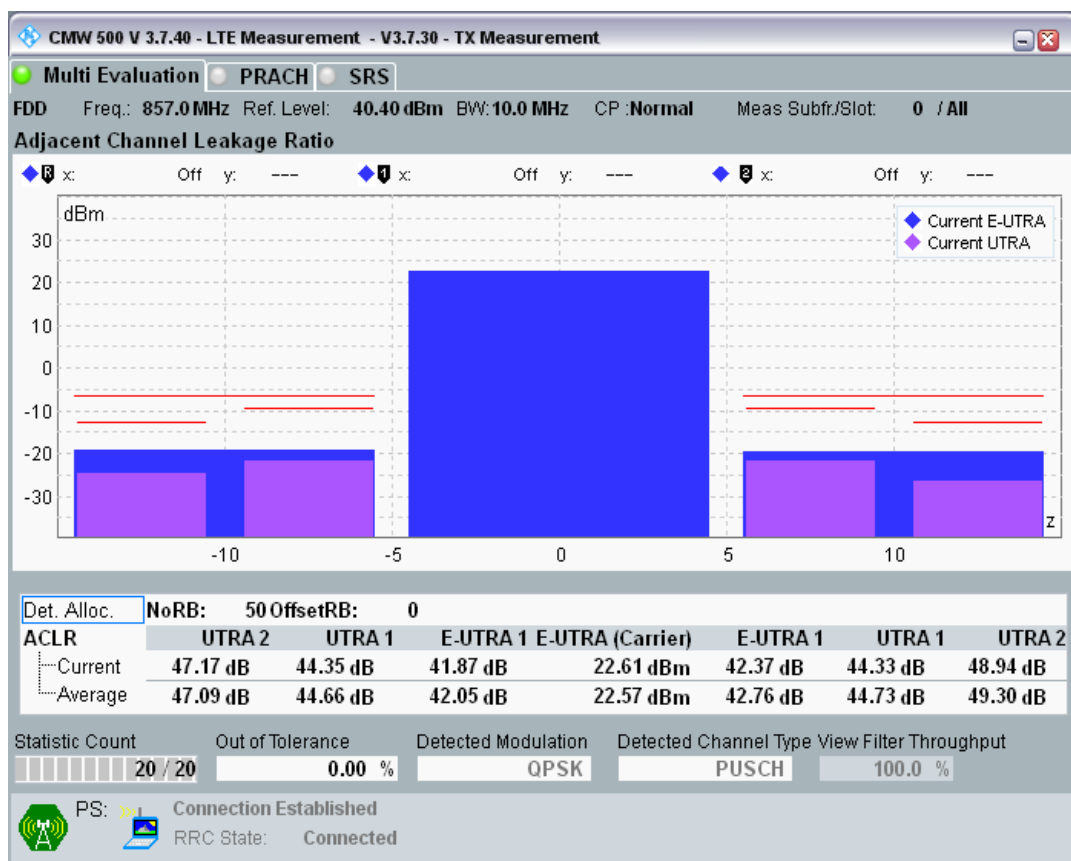
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#0.png



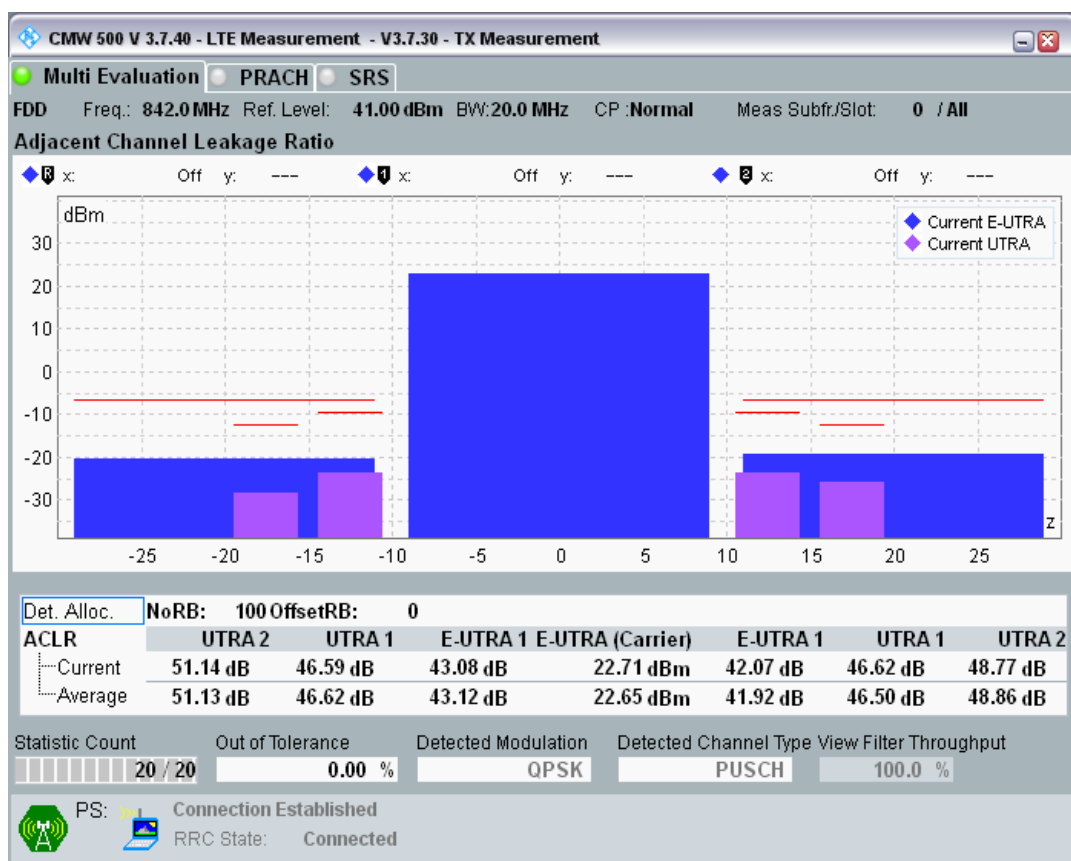
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



Band20 QPSK BW=10MHz Channel=24400 RB Size=50 Position=#0.png



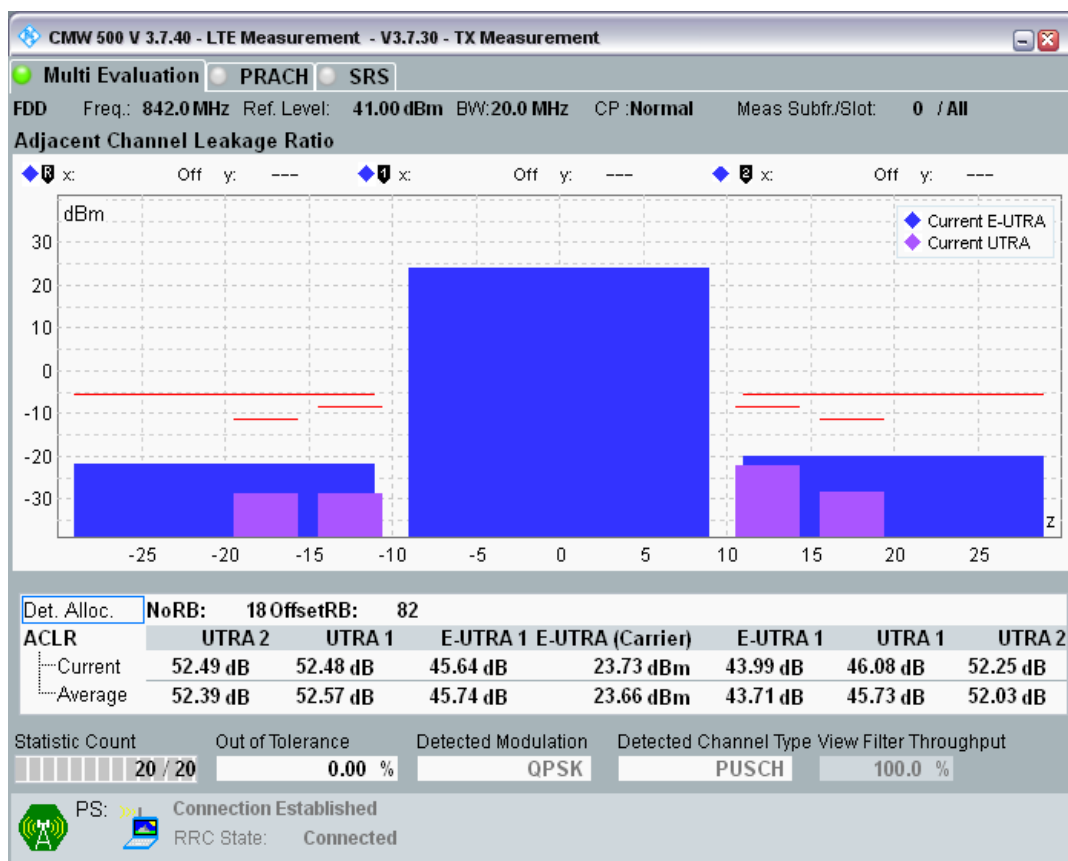
Band20 QPSK BW=20MHz Channel=24250 RB Size=100 Position=#0.png



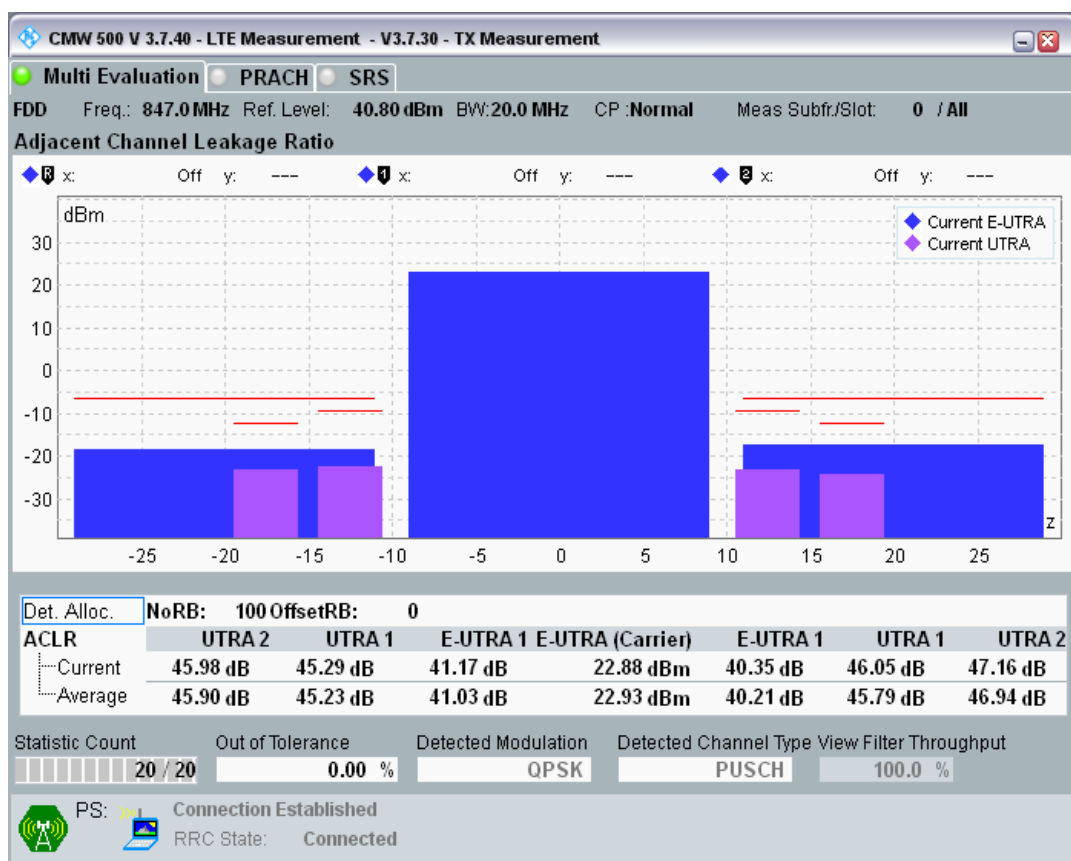
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#0.png



Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0.png



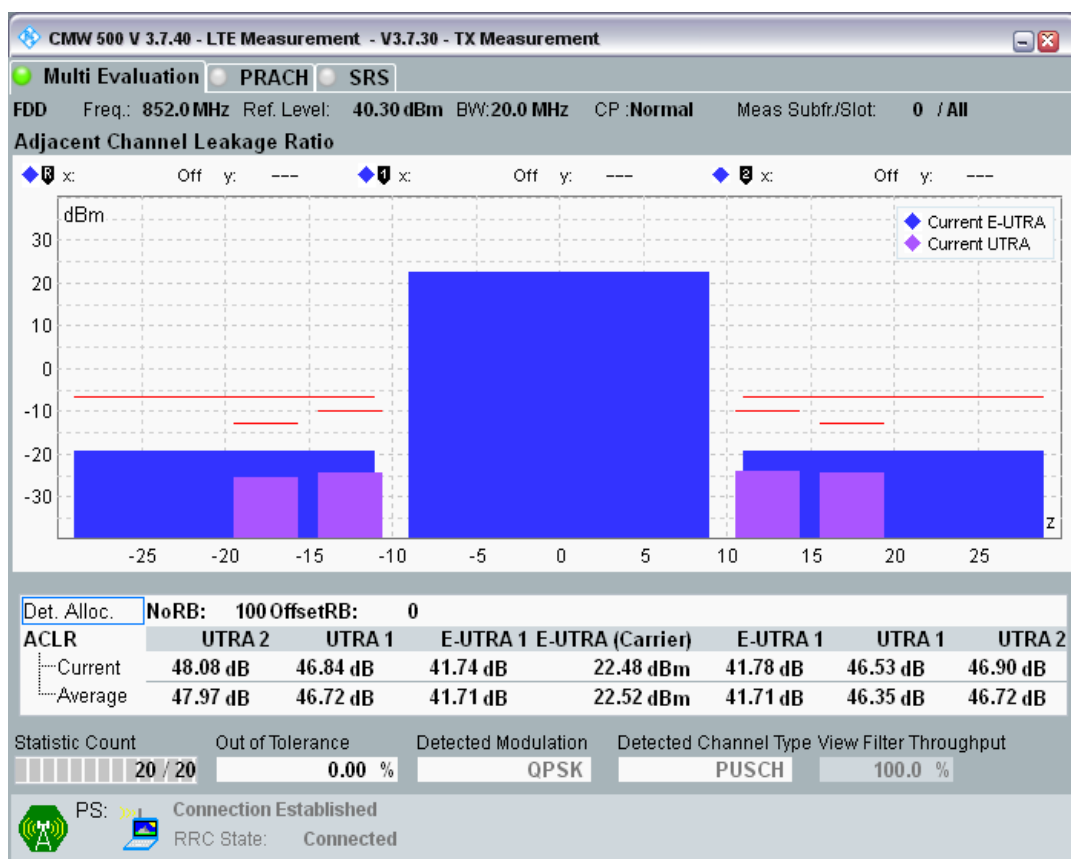
Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#0.png



Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#Max.png



Band20 QPSK BW=20MHz Channel=24350 RB Size=100 Position=#0.png

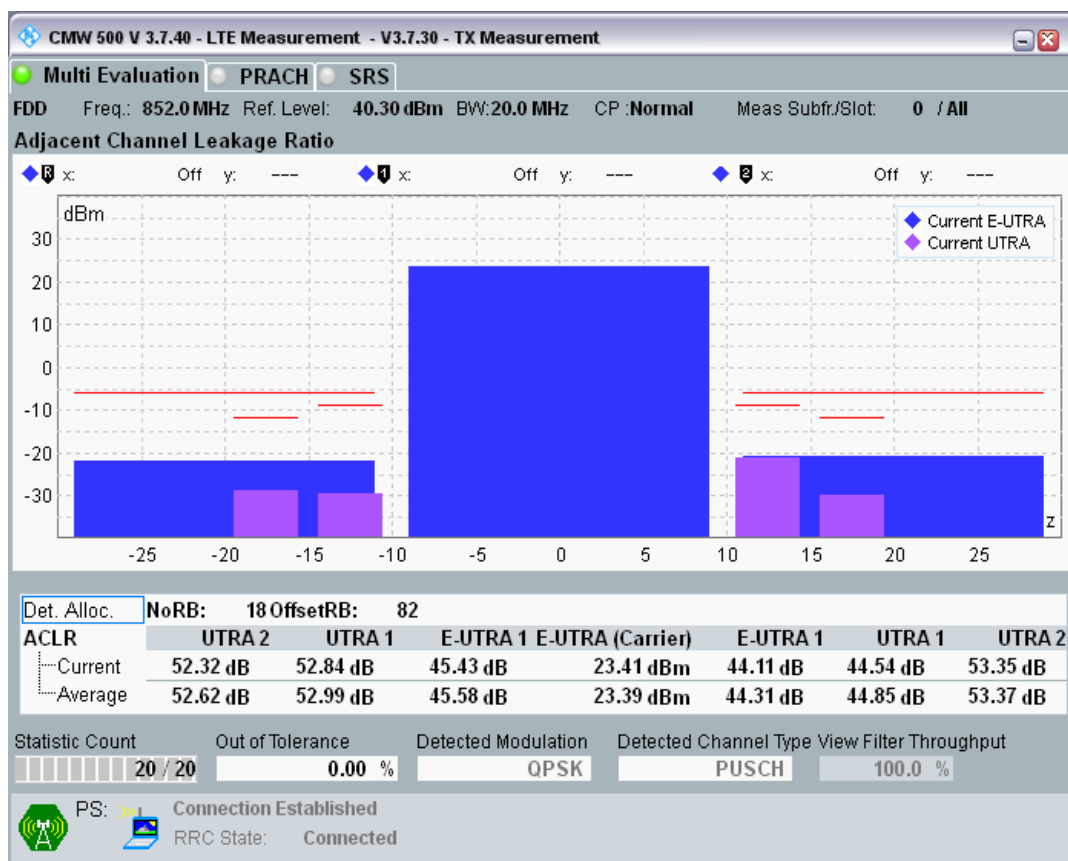


Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#0.png

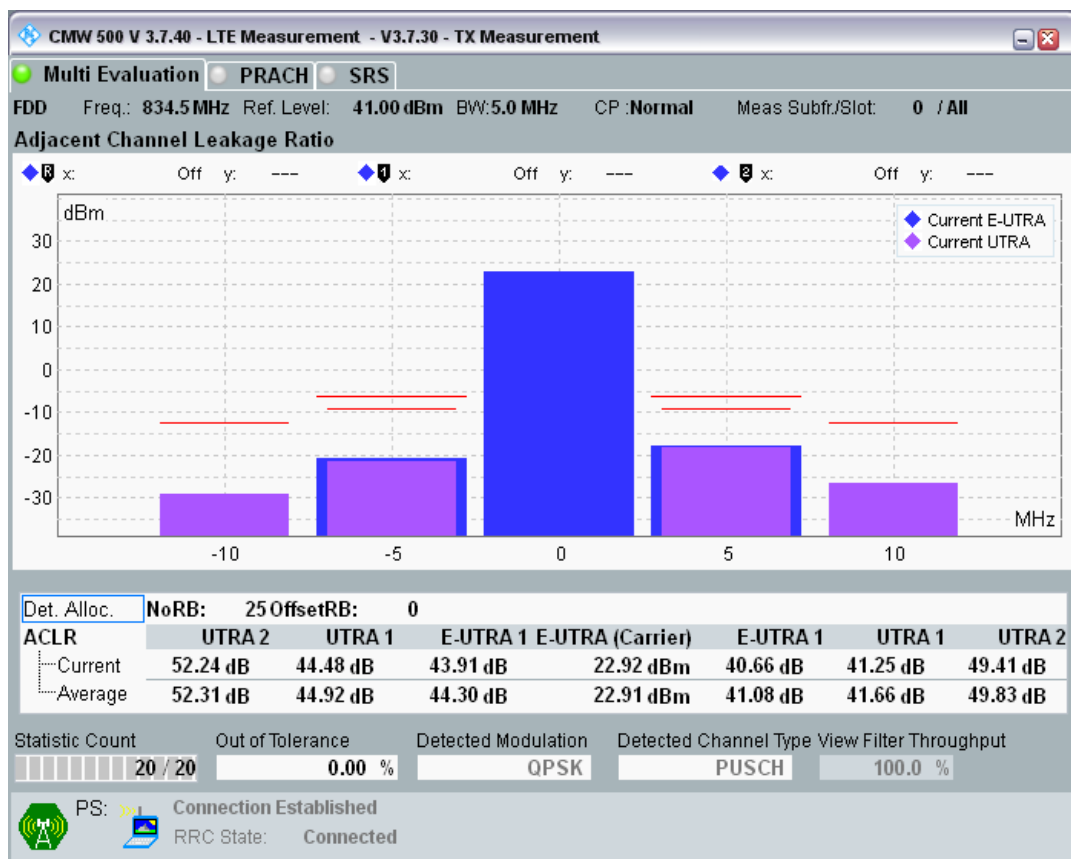




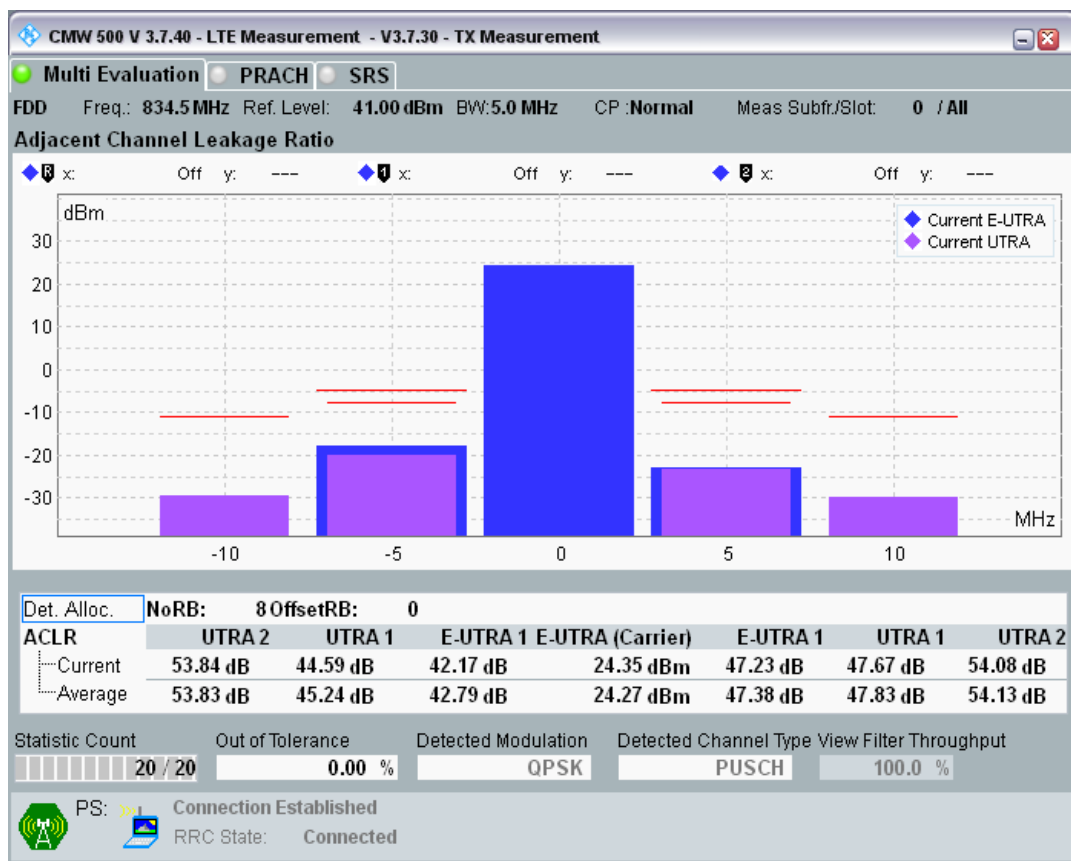
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



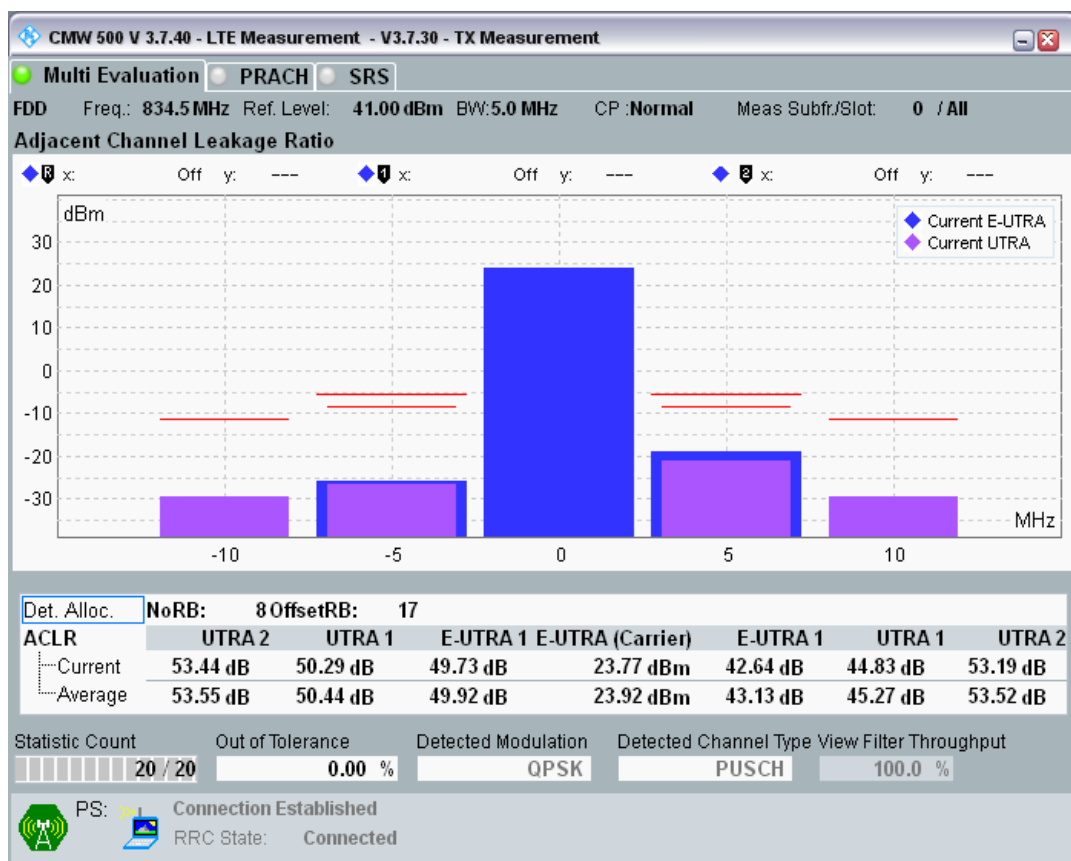
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



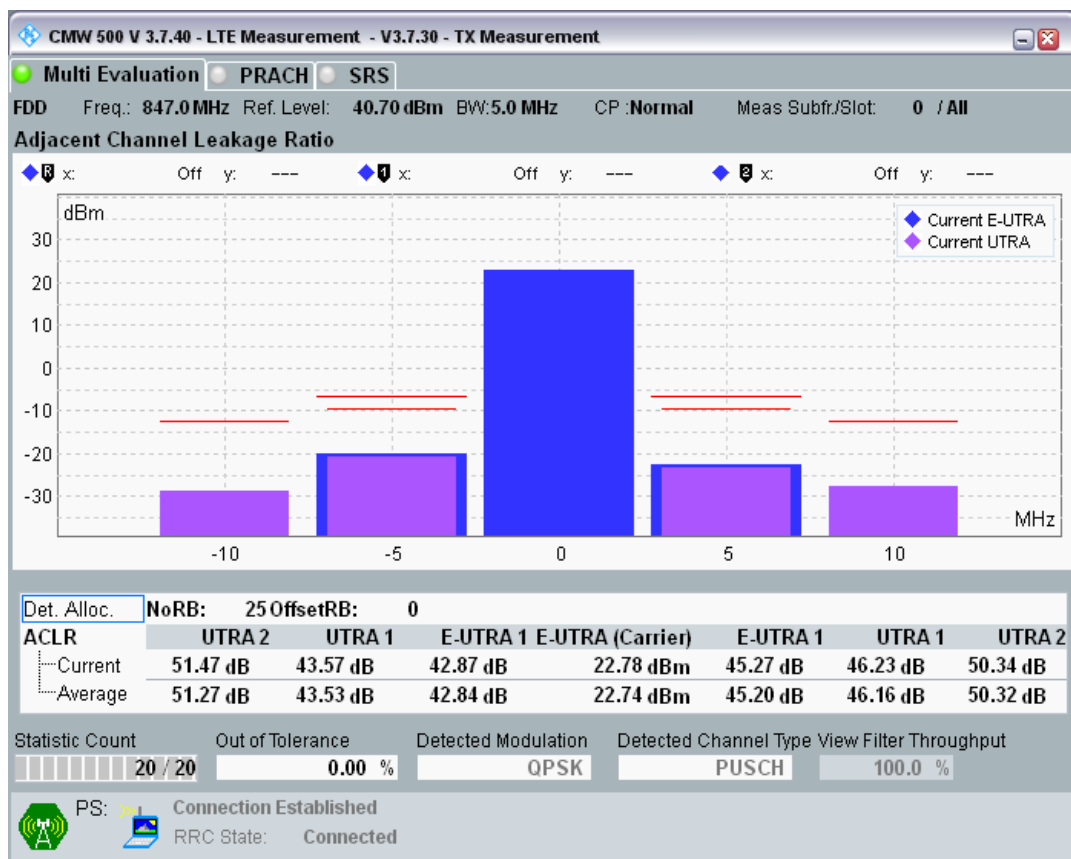
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#0.png



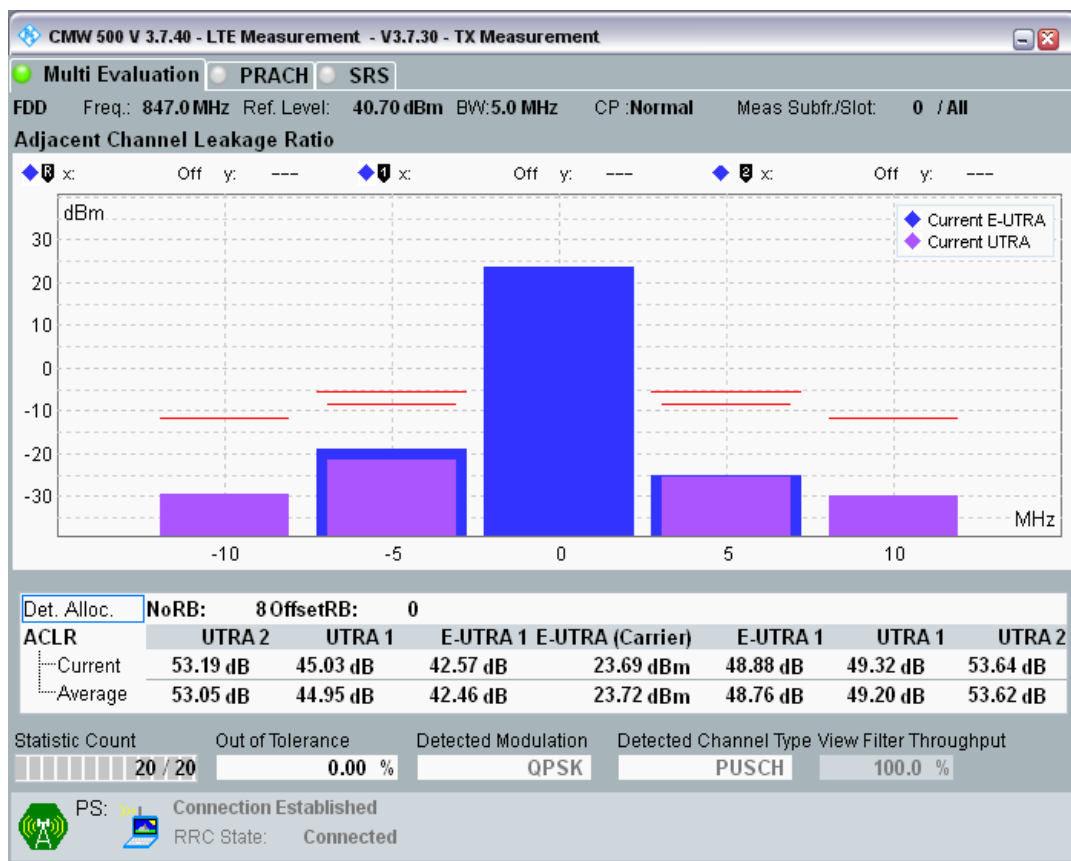
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#Max.png



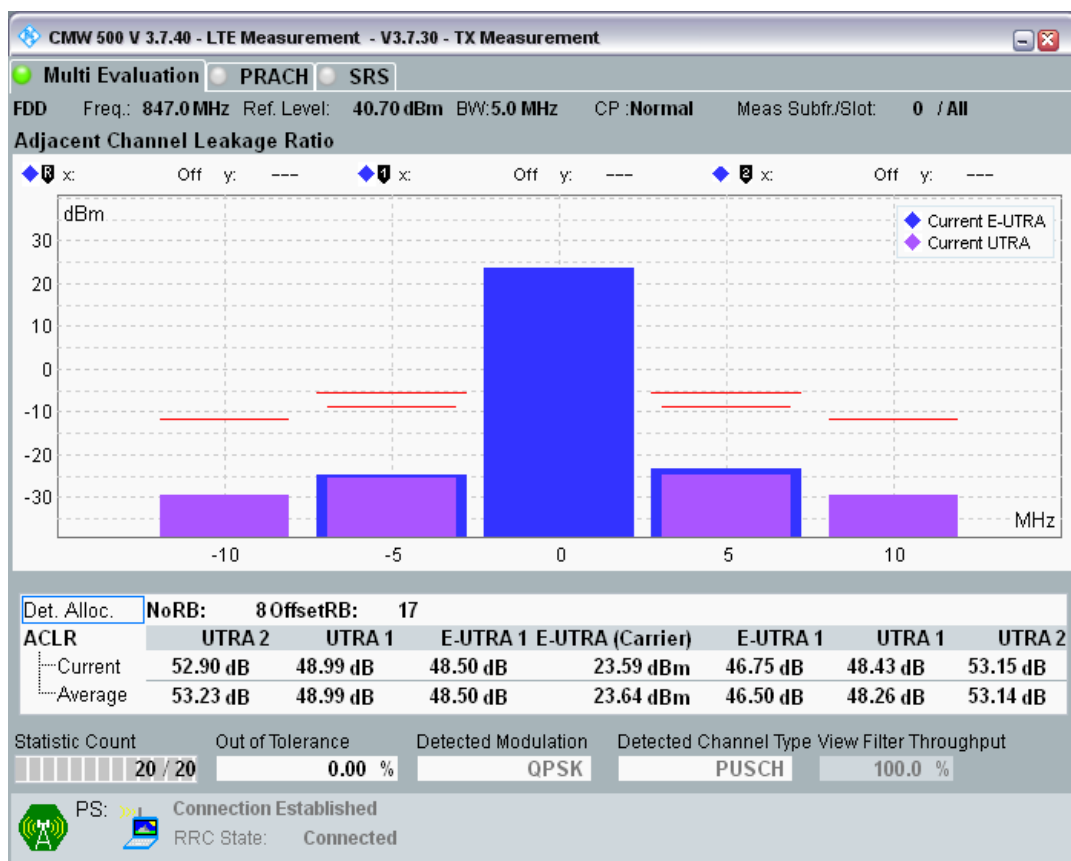
Band20 QPSK BW=5MHz Channel=24300 RB Size=25 Position=#0.png



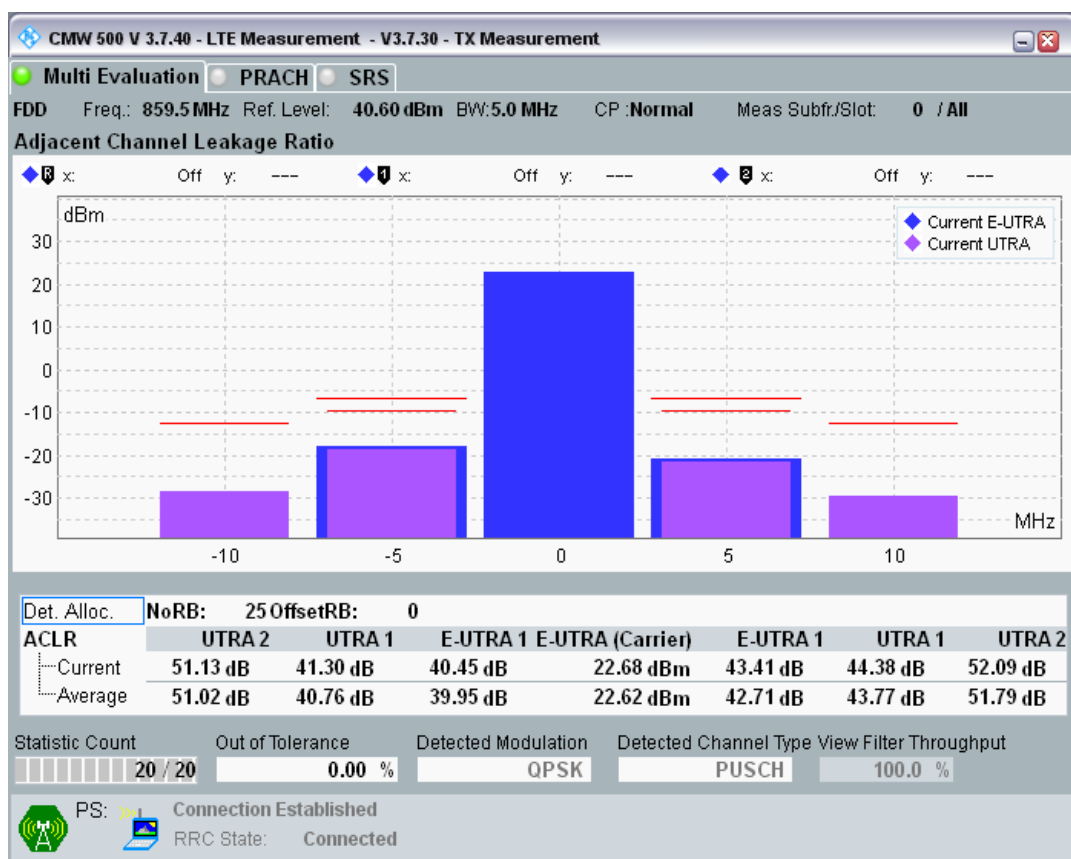
Band20 QPSK BW=5MHz Channel=24300 RB Size=8 Position=#0.png



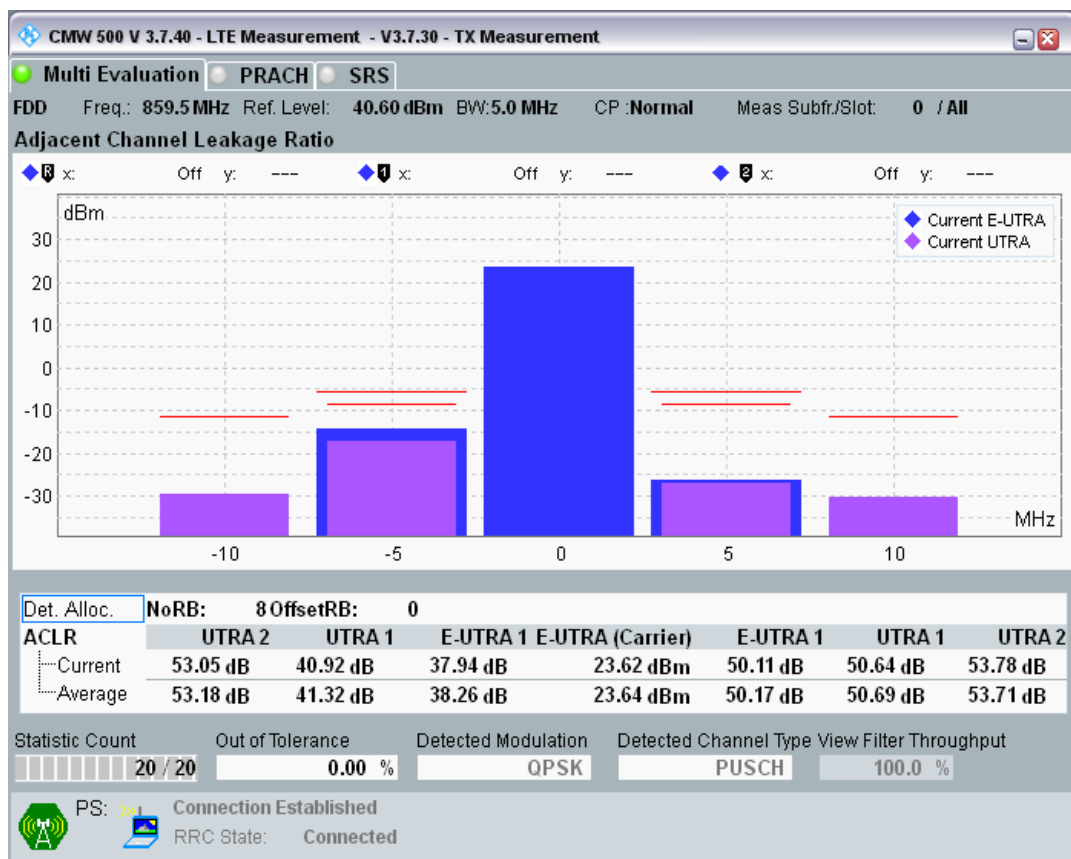
Band20 QPSK BW=5MHz Channel=24300 RB Size=8 Position=#Max.png



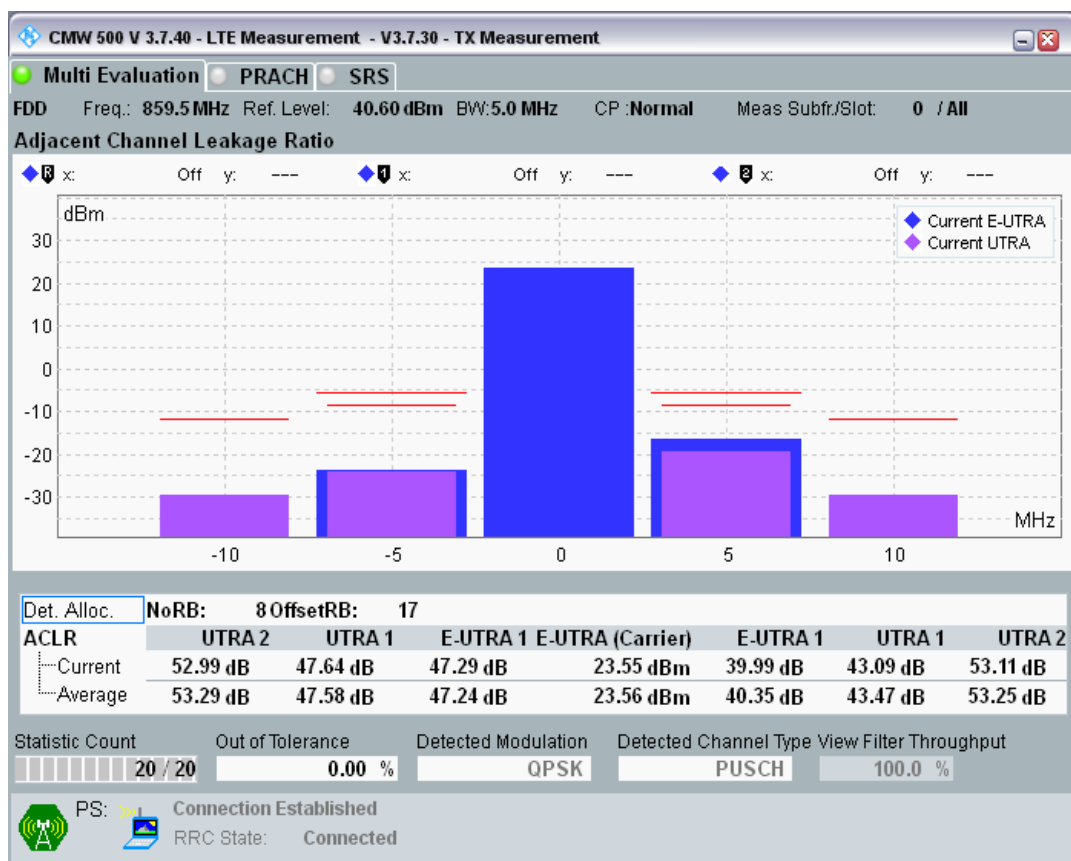
Band20 QPSK BW=5MHz Channel=24425 RB Size=25 Position=#0.png



Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#0.png



Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#Max.png



Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png



Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#Max.png





Band1 QAM16 BW=10MHz Channel=18050 RB Size=50 Position=#0.png



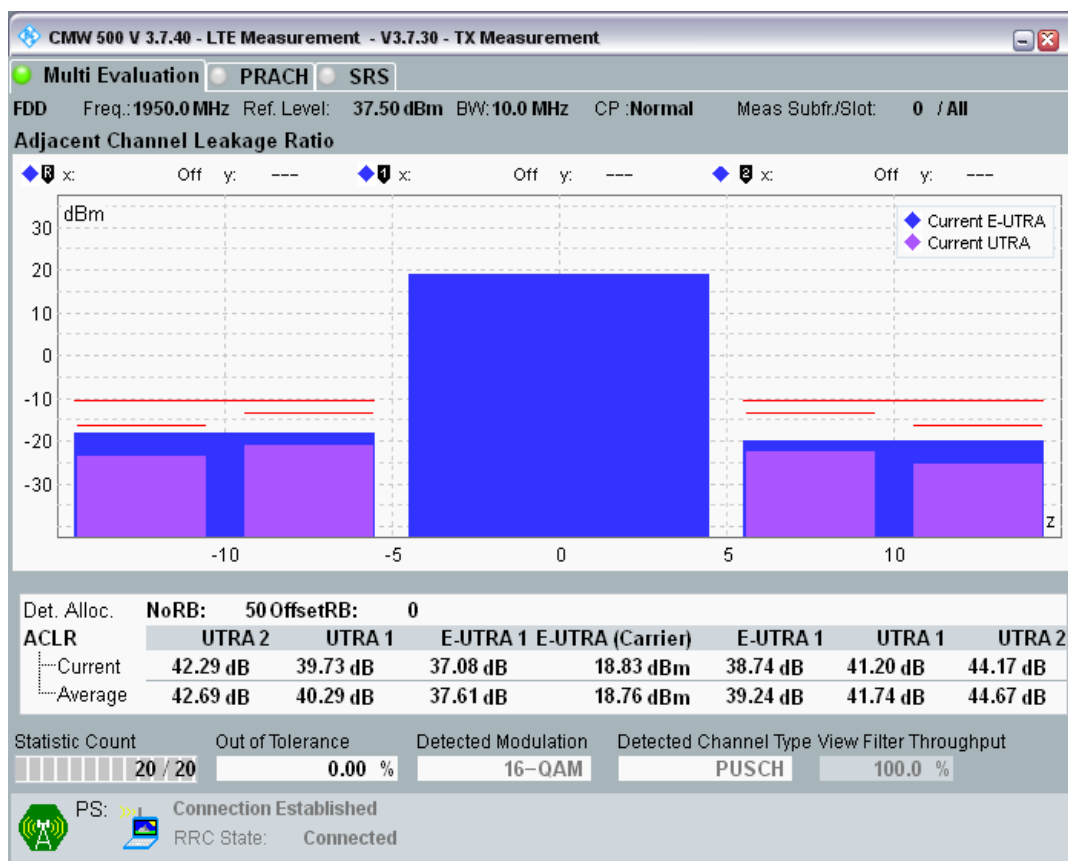
Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#0.png



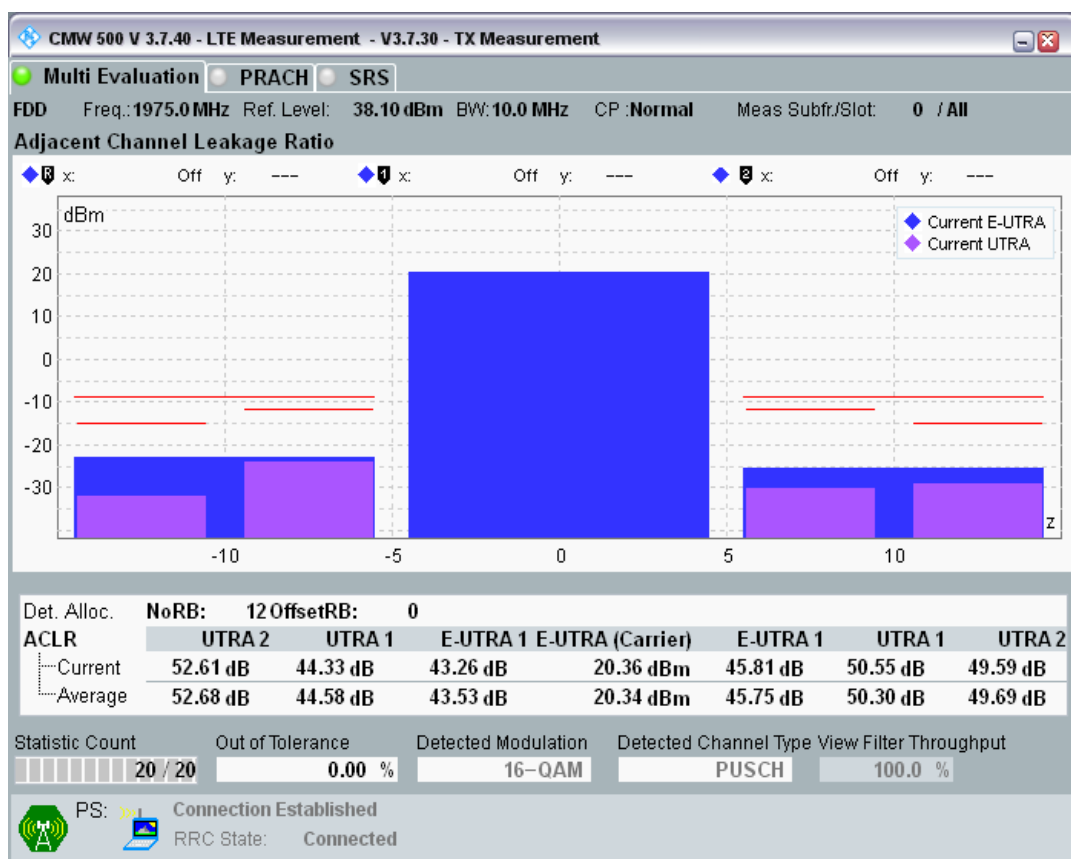
Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



Band1 QAM16 BW=10MHz Channel=18300 RB Size=50 Position=#0.png



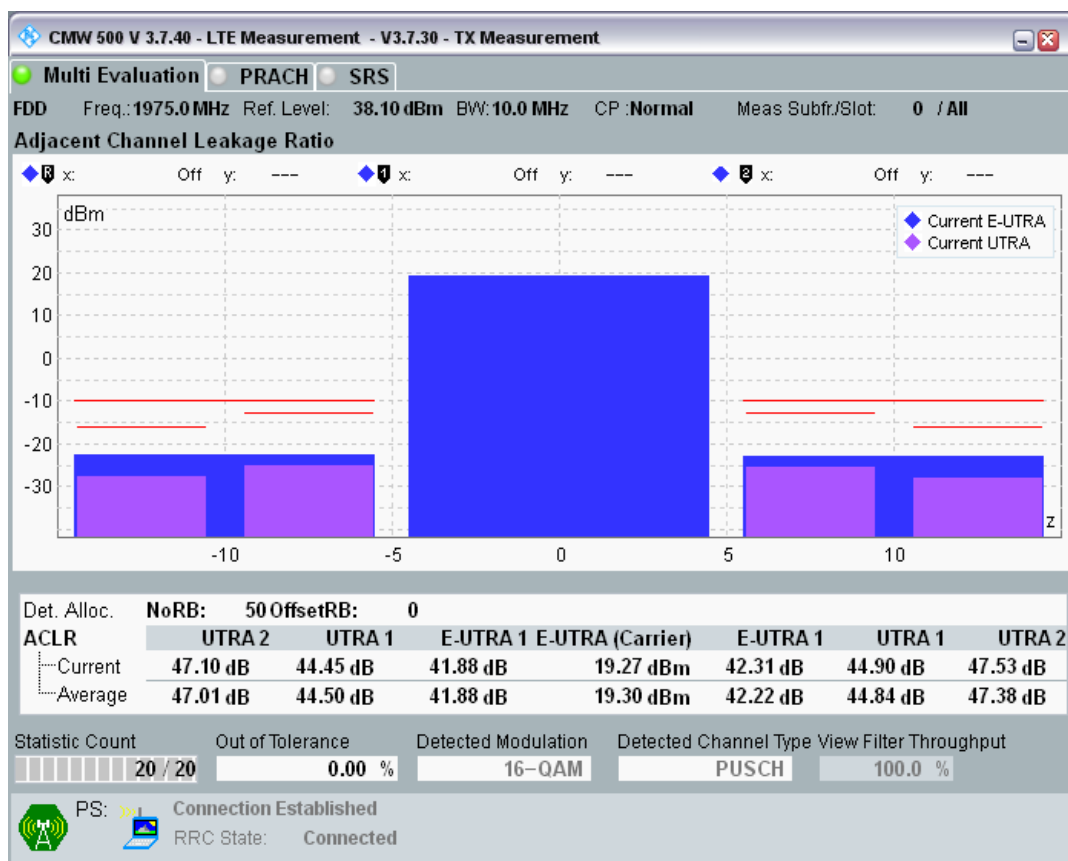
Band1 QAM16 BW=10MHz Channel=18550 RB Size=12 Position=#0.png



Band1 QAM16 BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



Band1 QAM16 BW=10MHz Channel=18550 RB Size=50 Position=#0.png



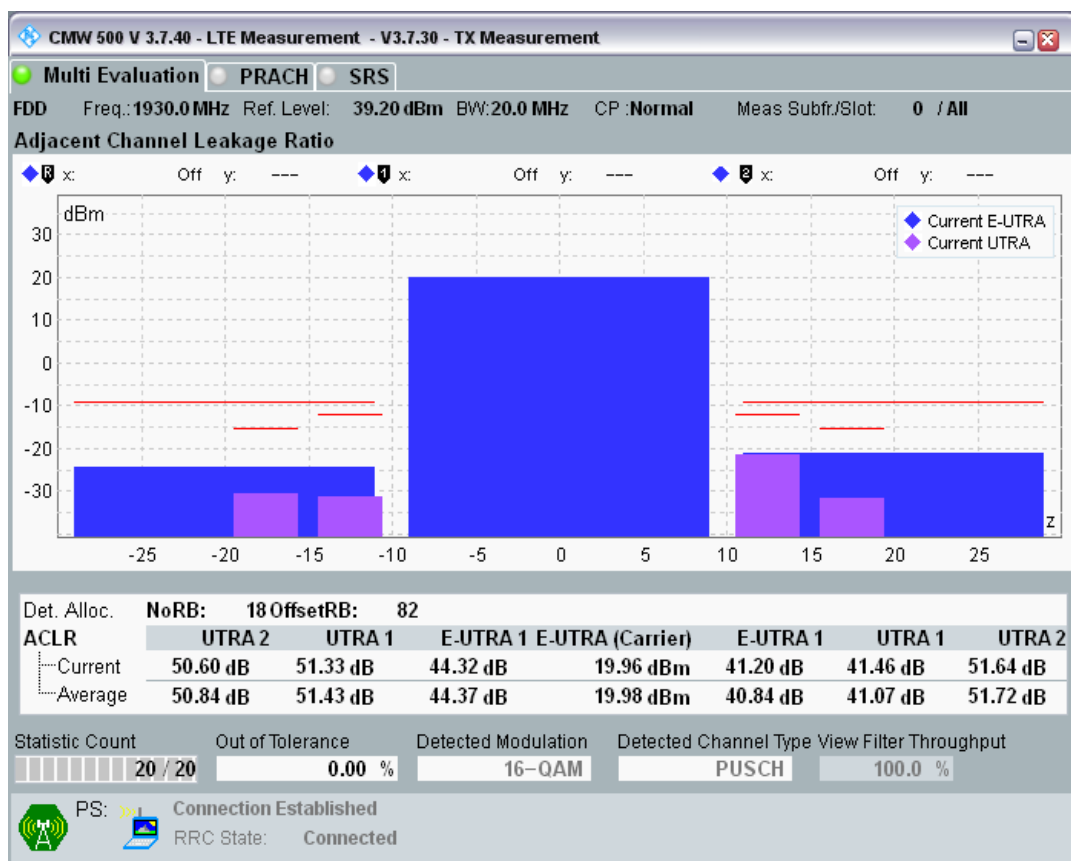
Band1 QAM16 BW=20MHz Channel=18100 RB Size=100 Position=#0.png



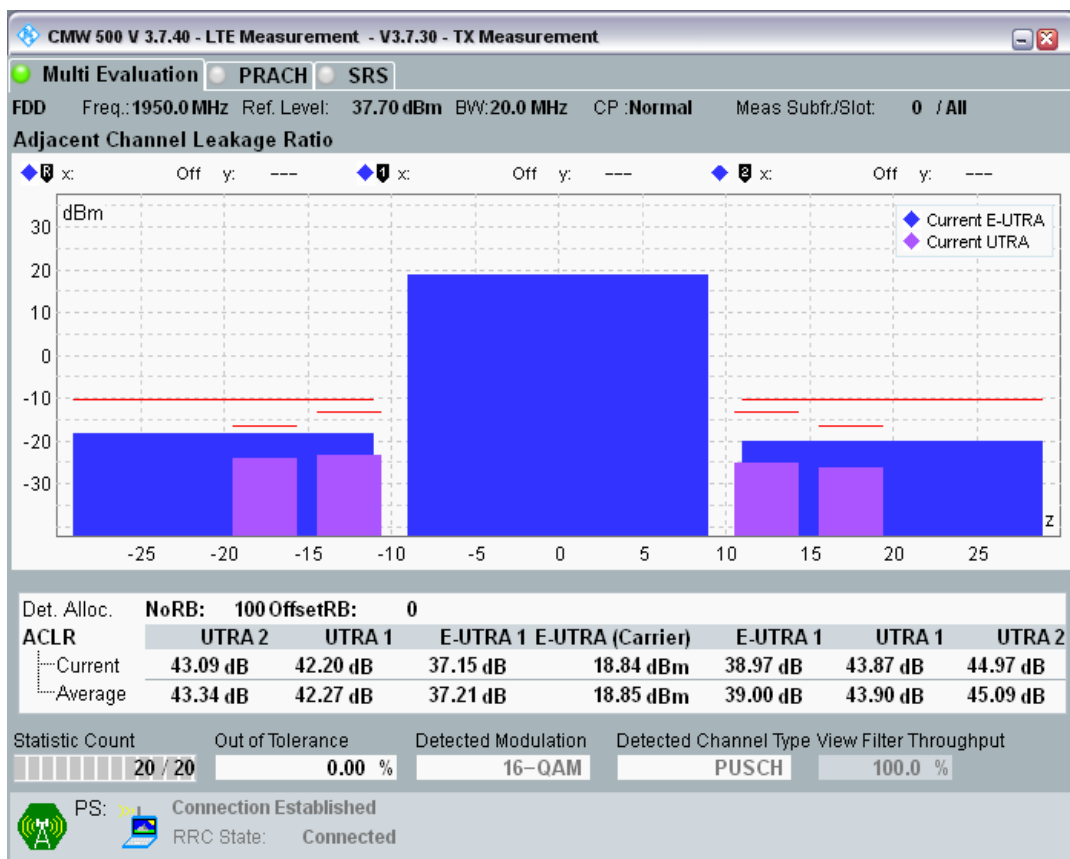
Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#0.png



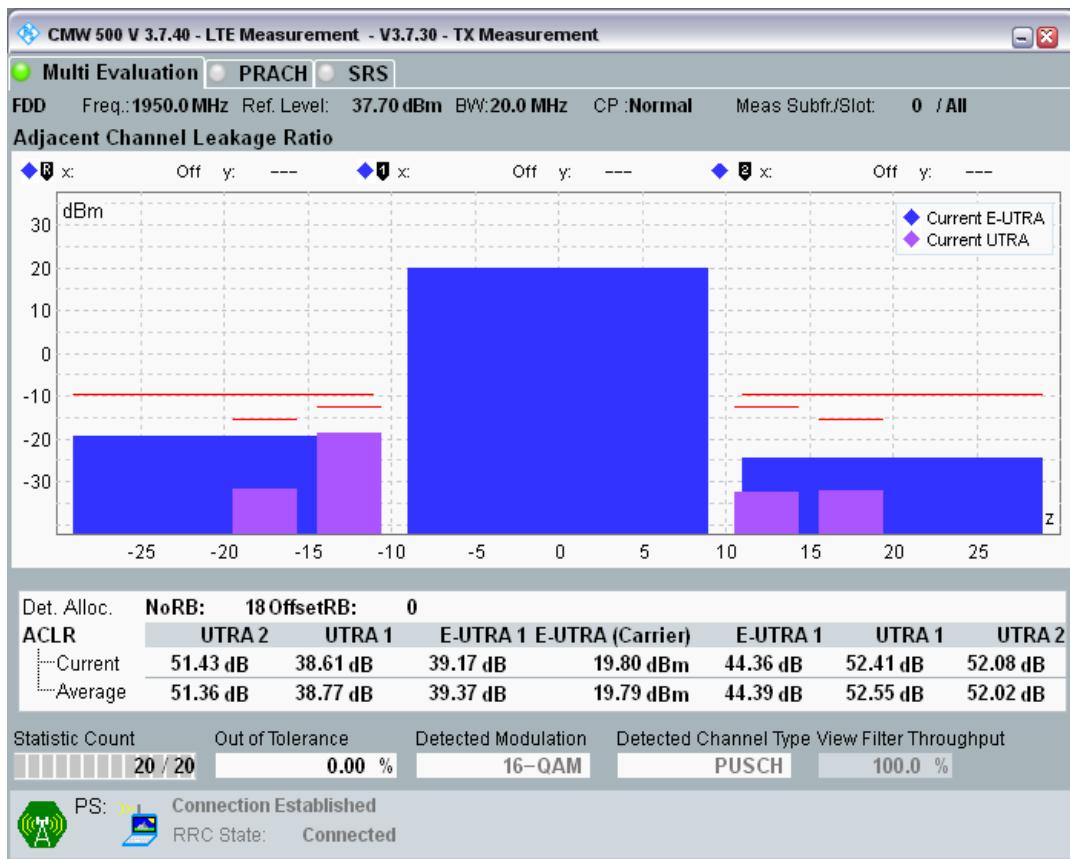
Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#Max.png



Band1 QAM16 BW=20MHz Channel=18300 RB Size=100 Position=#0.png

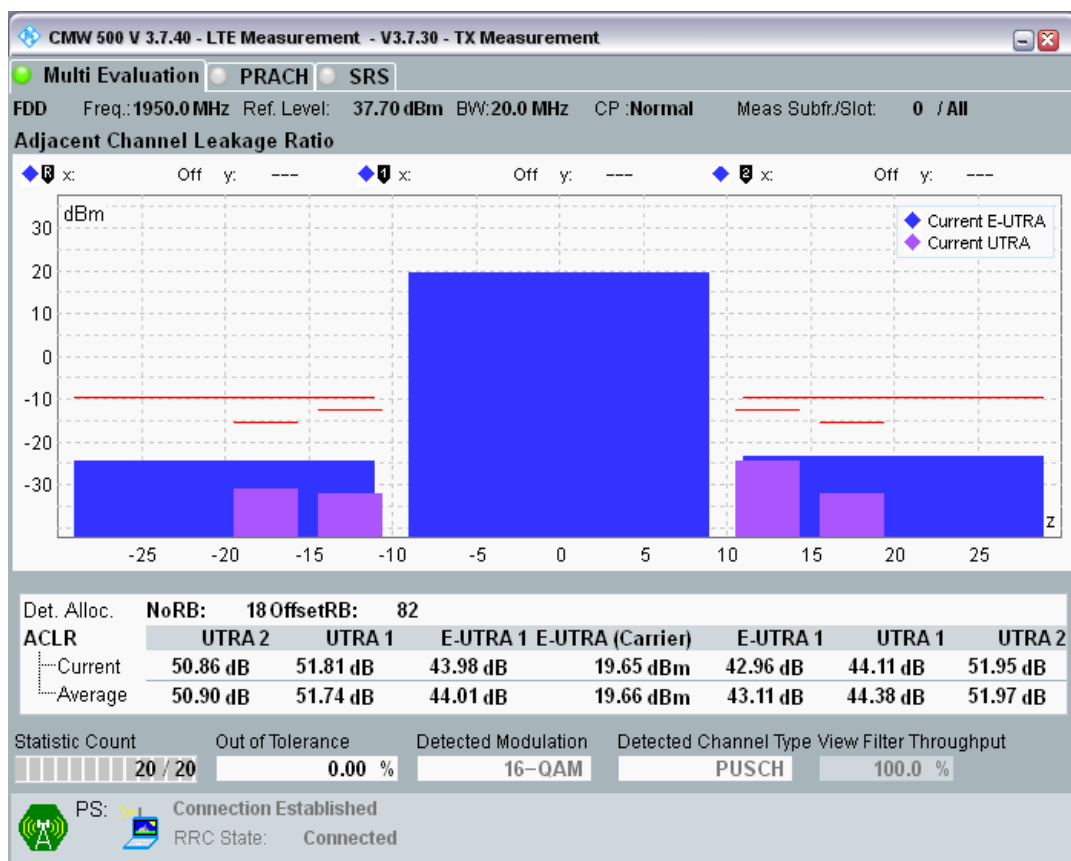


Band1 QAM16 BW=20MHz Channel=18300 RB Size=18 Position=#0.png





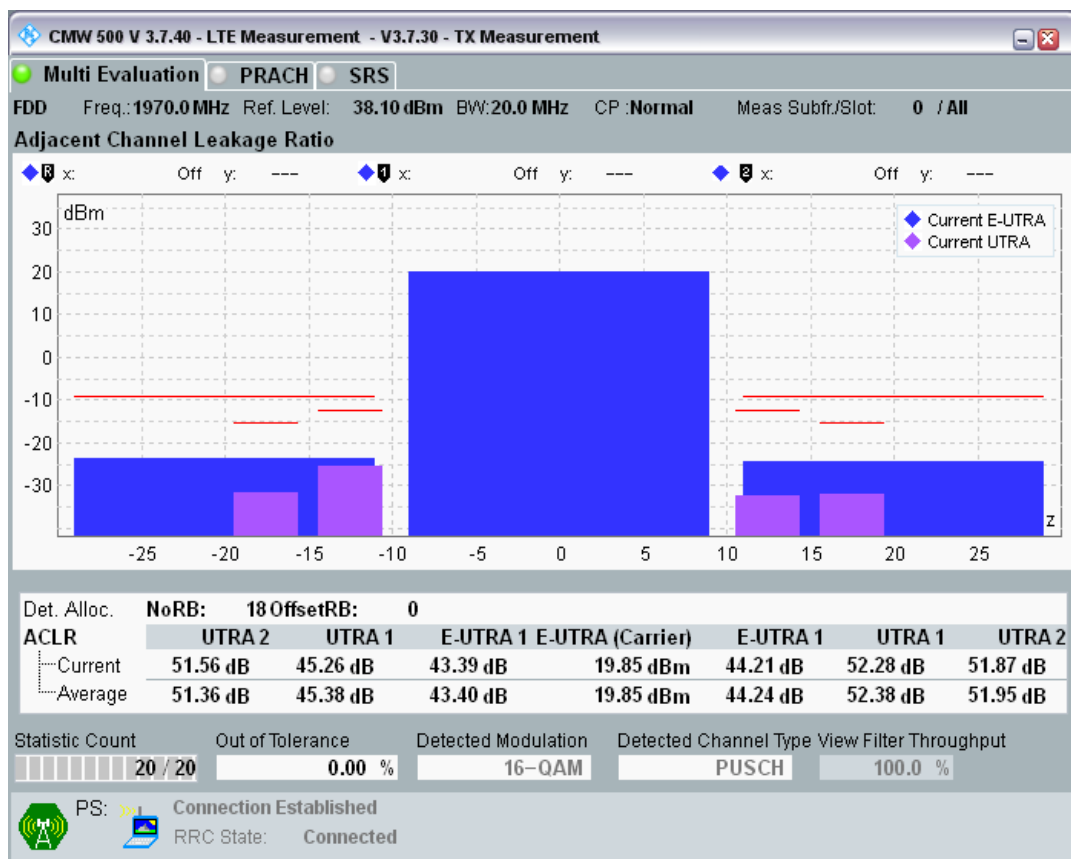
Band1 QAM16 BW=20MHz Channel=18300 RB Size=18 Position=#Max.png



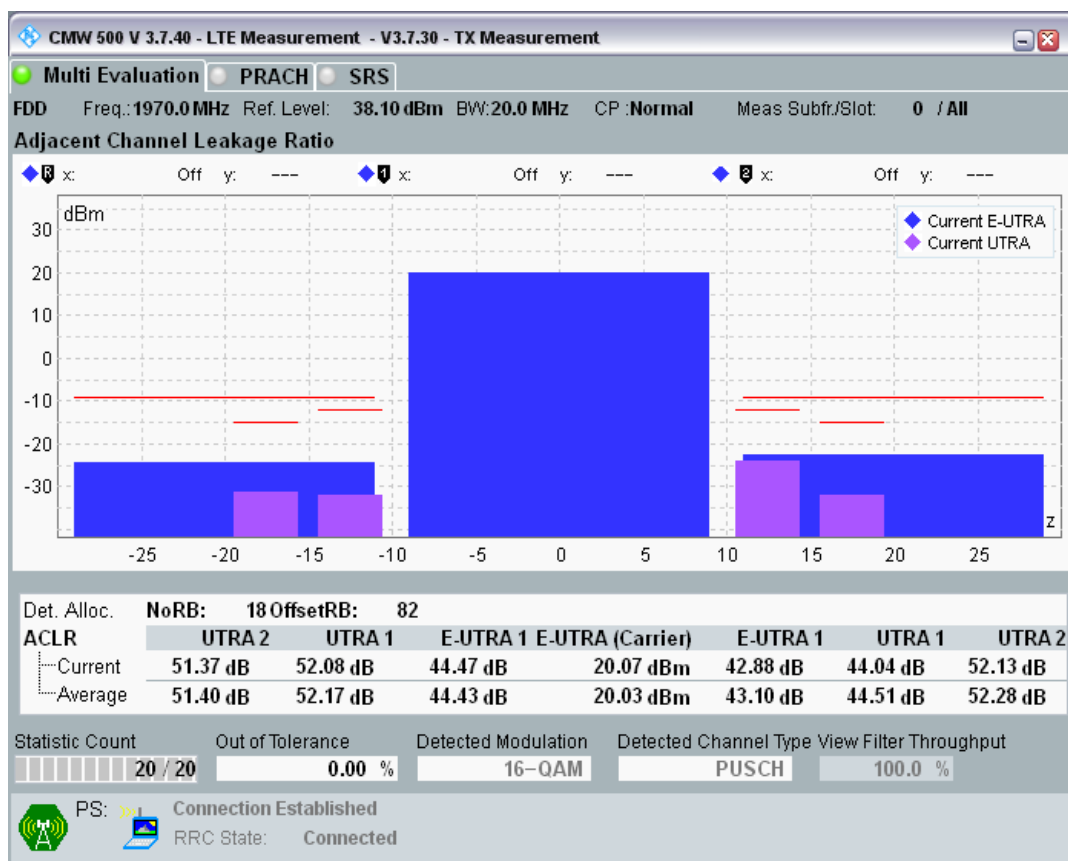
Band1 QAM16 BW=20MHz Channel=18500 RB Size=100 Position=#0.png



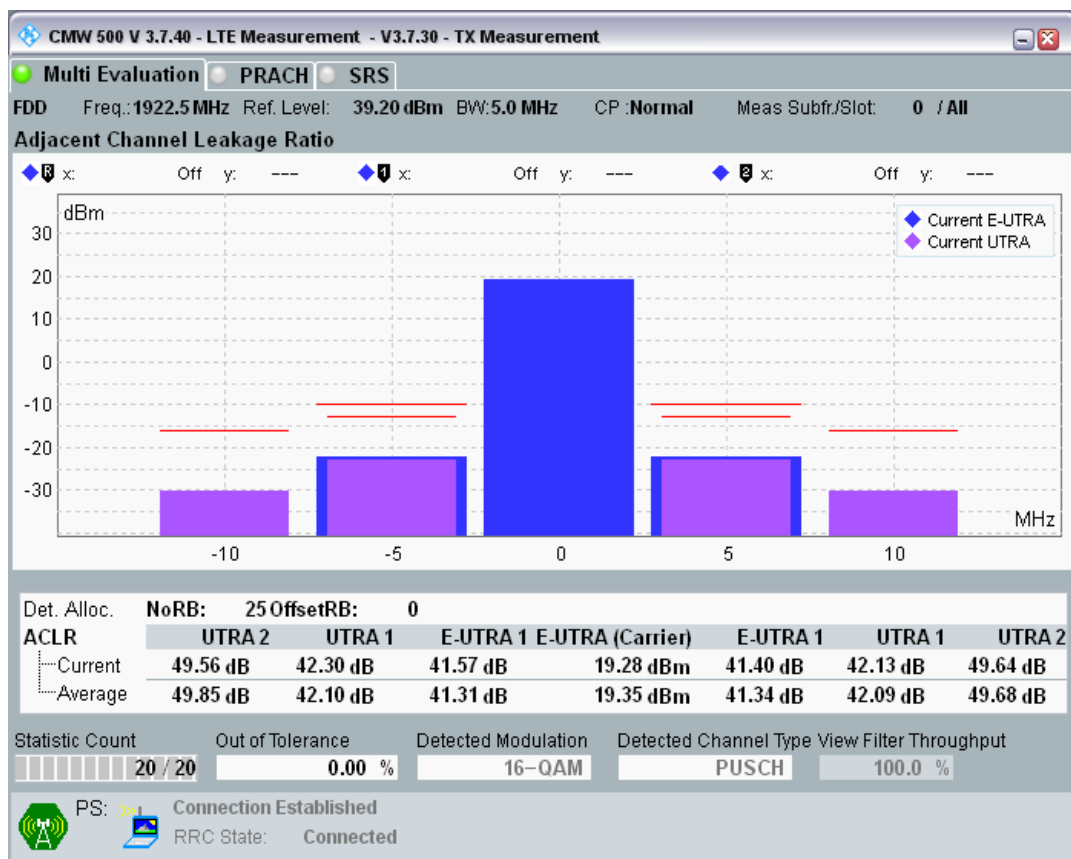
Band1 QAM16 BW=20MHz Channel=18500 RB Size=18 Position=#0.png



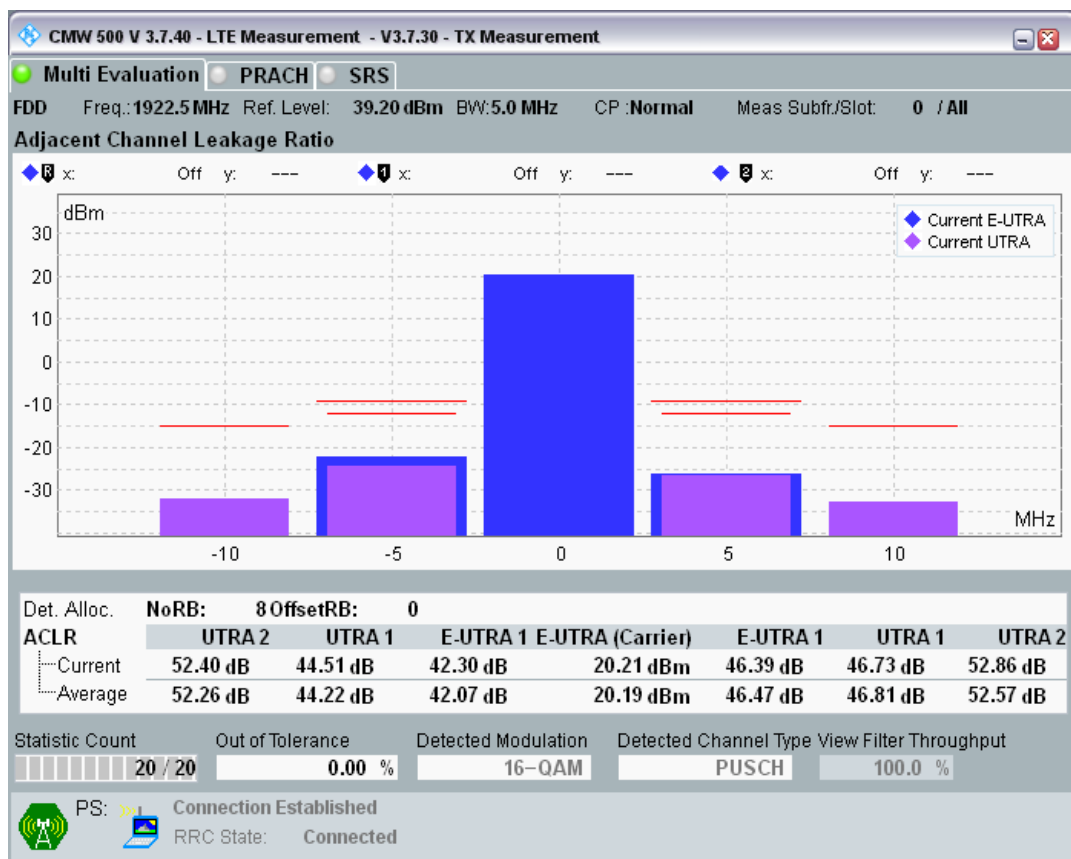
Band1 QAM16 BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



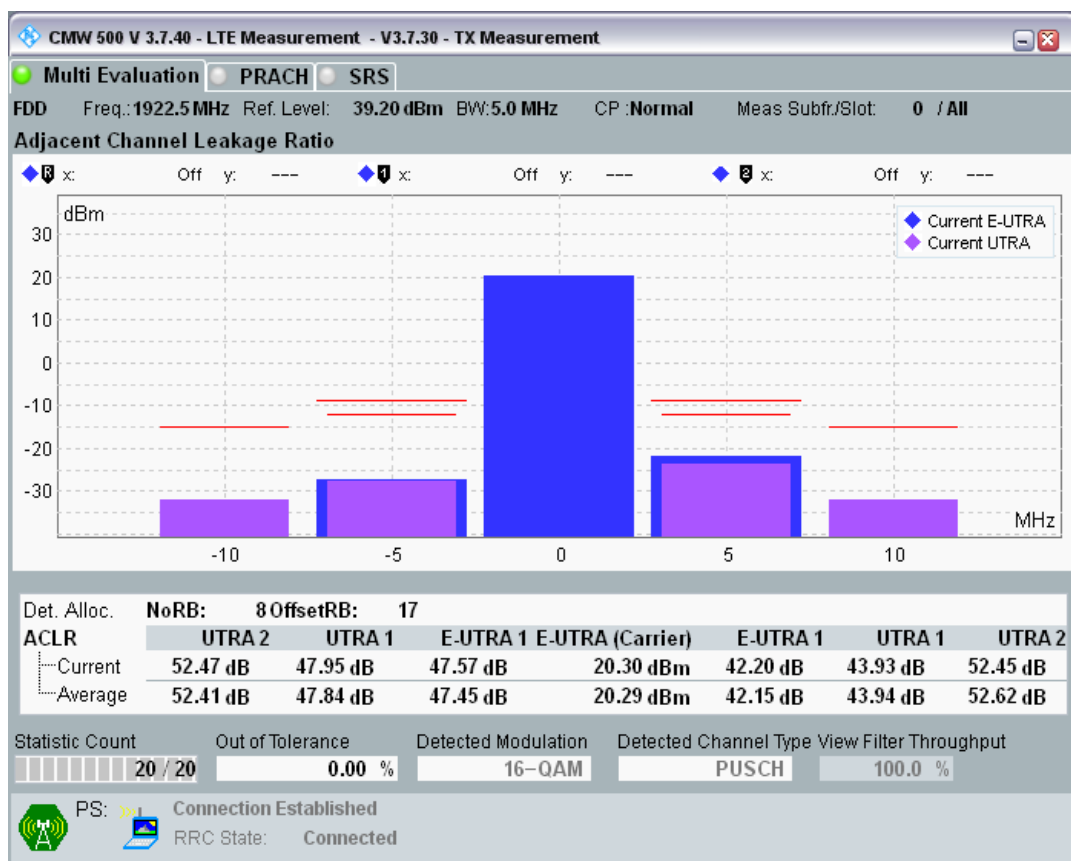
Band1 QAM16 BW=5MHz Channel=18025 RB Size=25 Position=#0.png



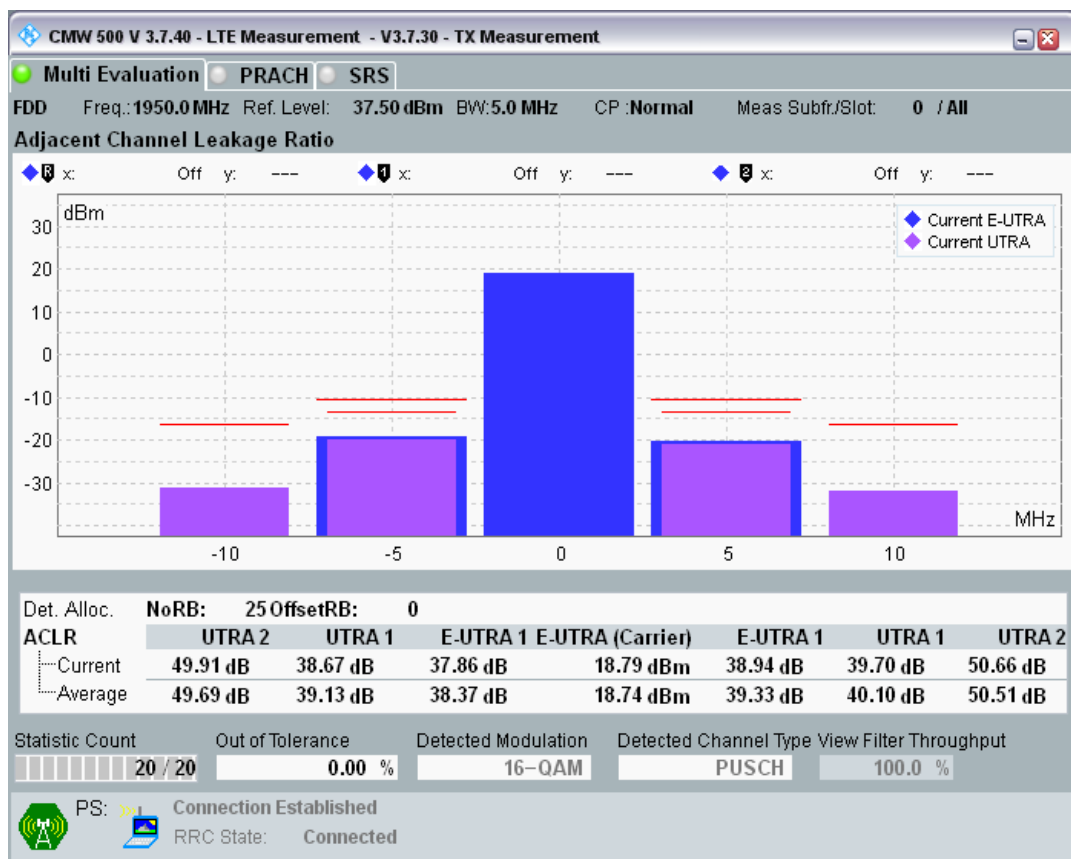
Band1 QAM16 BW=5MHz Channel=18025 RB Size=8 Position=#0.png



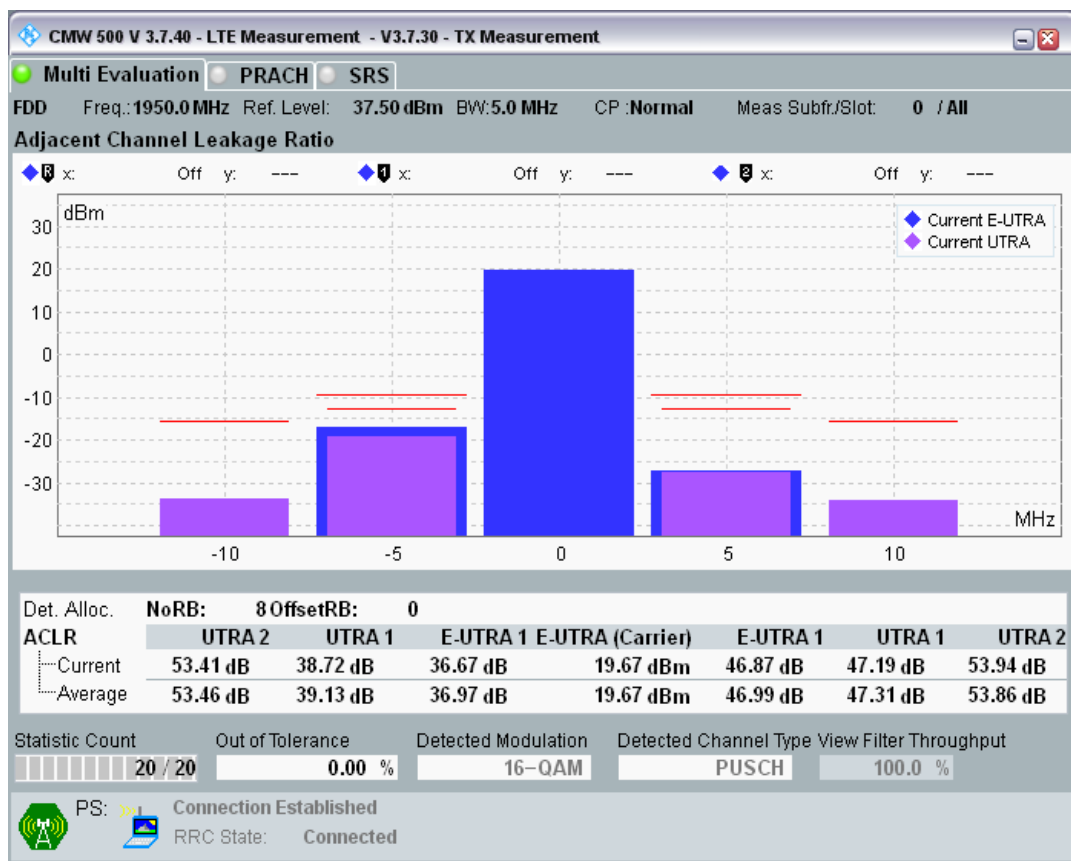
Band1 QAM16 BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



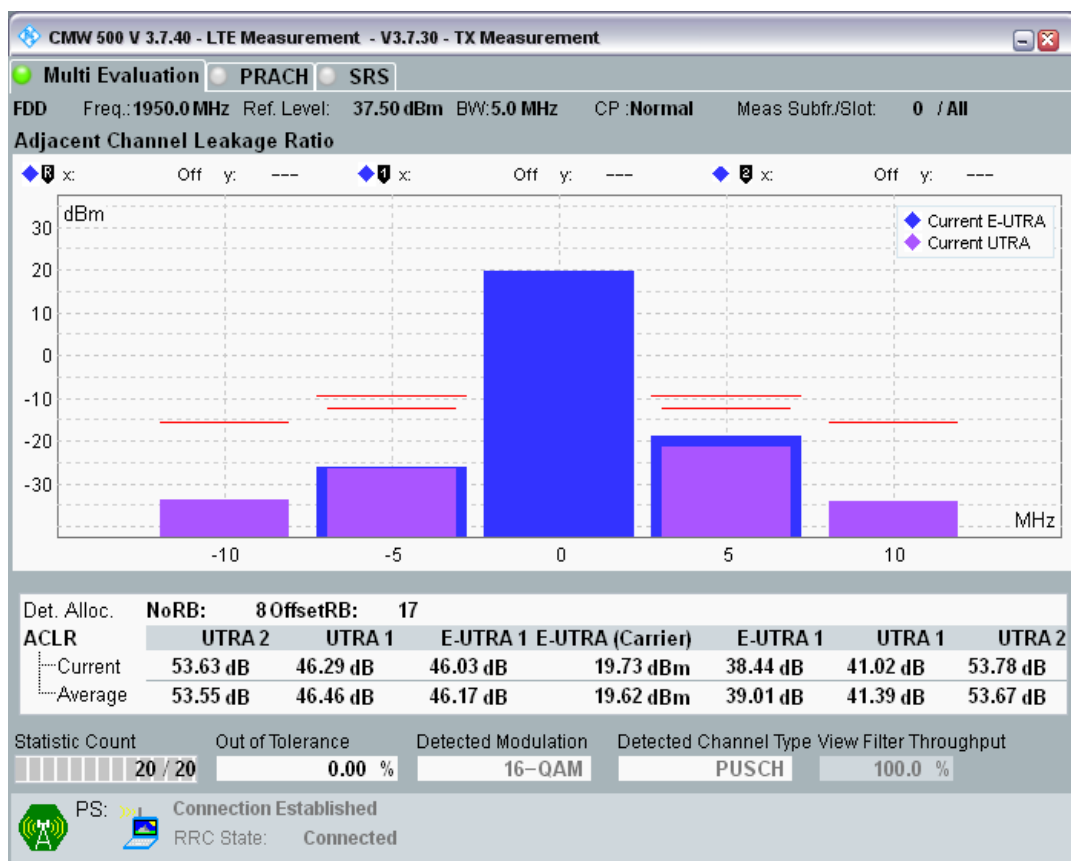
Band1 QAM16 BW=5MHz Channel=18300 RB Size=25 Position=#0.png



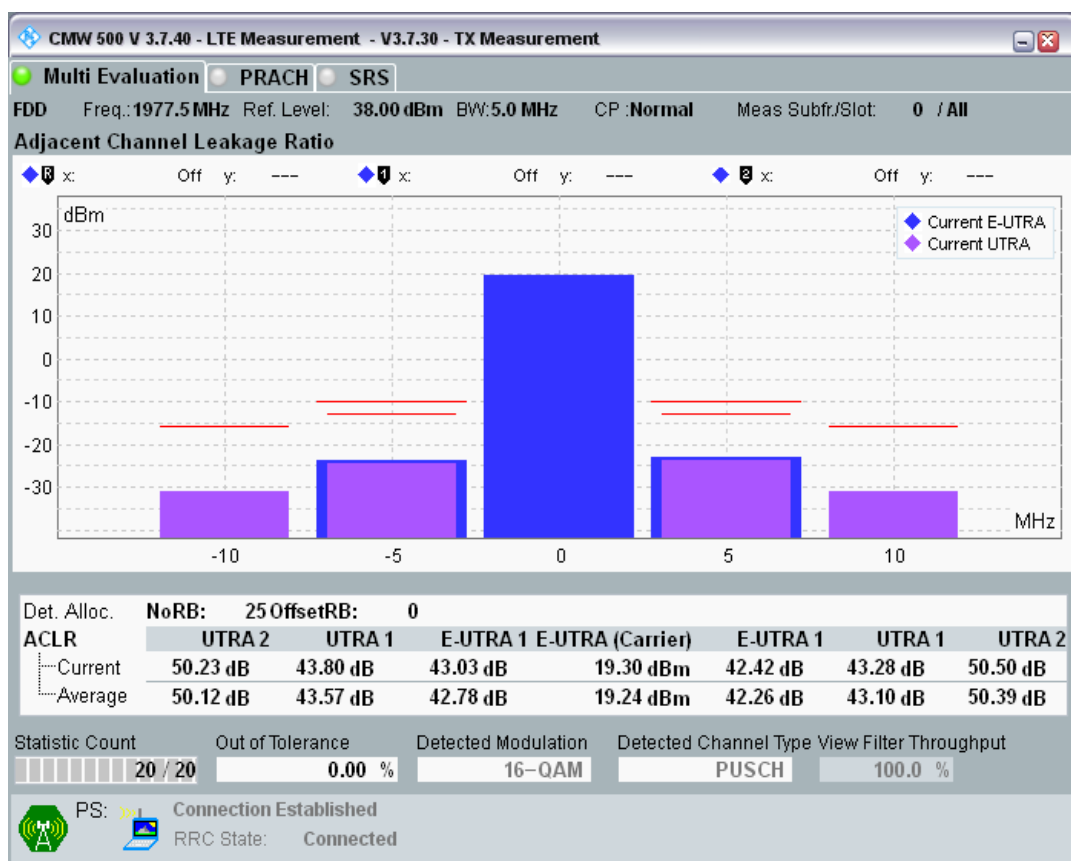
Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#0.png



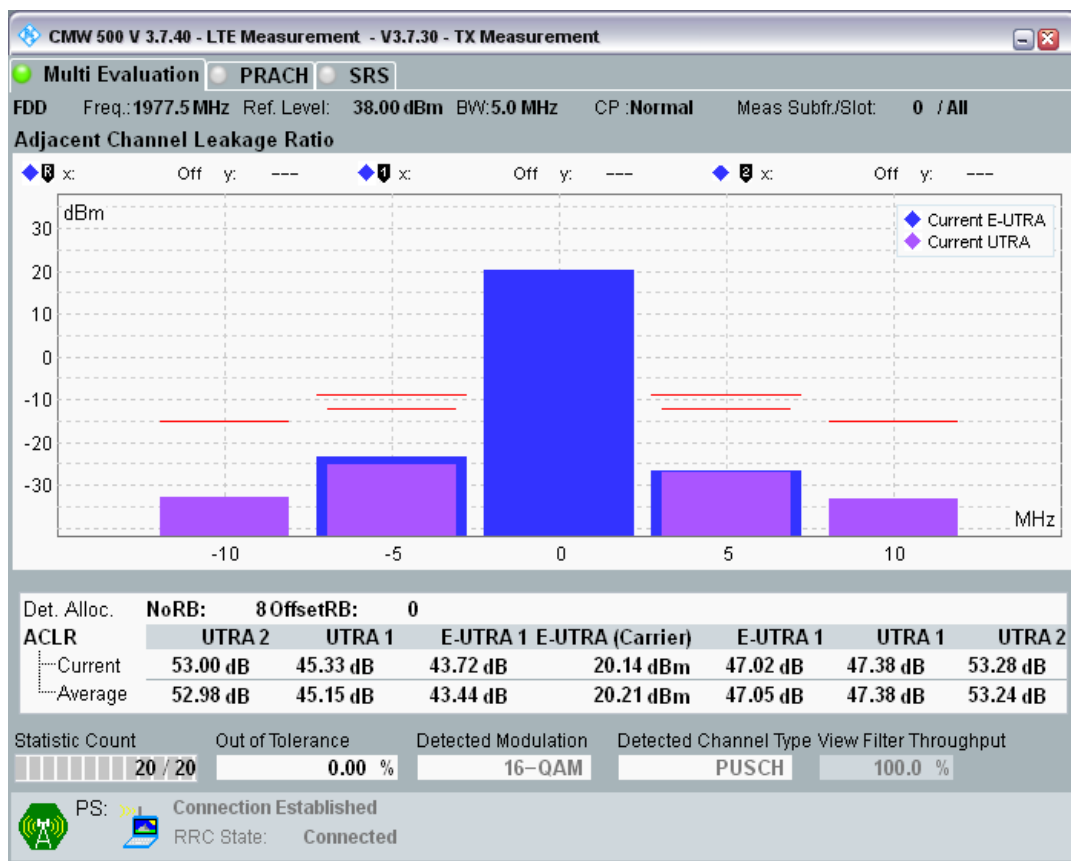
Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



Band1 QAM16 BW=5MHz Channel=18575 RB Size=25 Position=#0.png

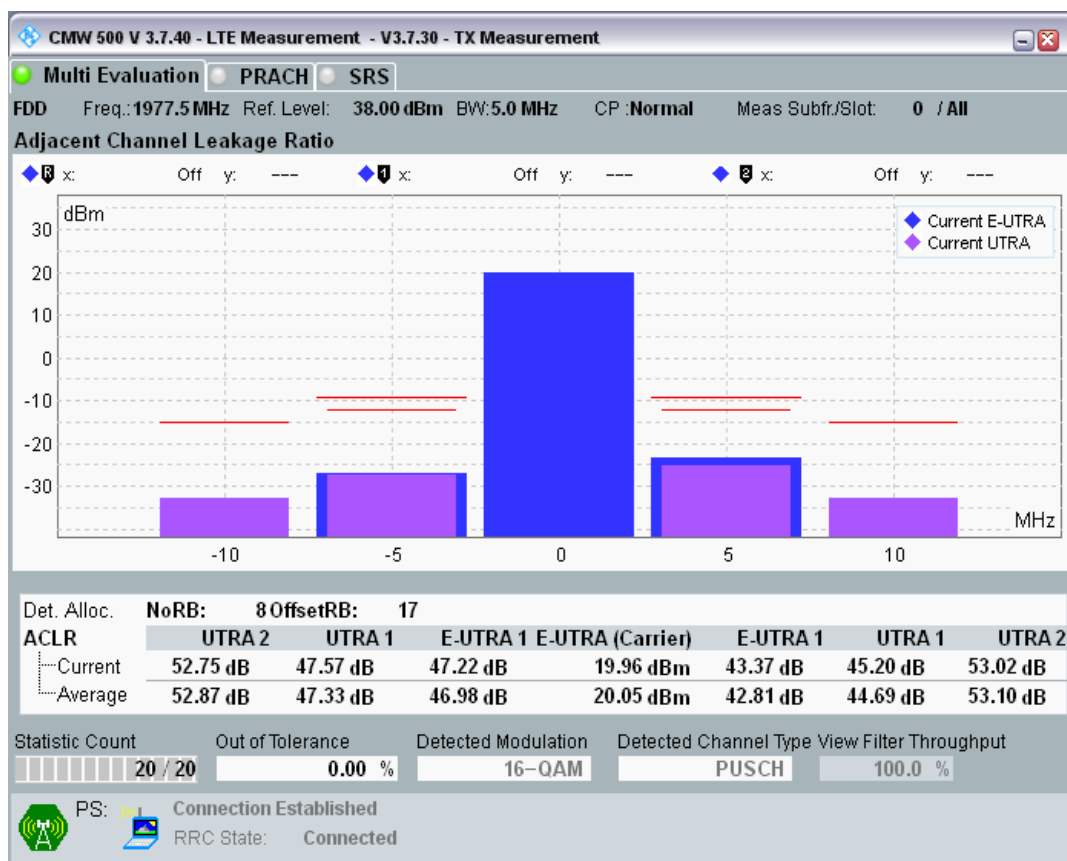


Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#0.png





Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#0.png



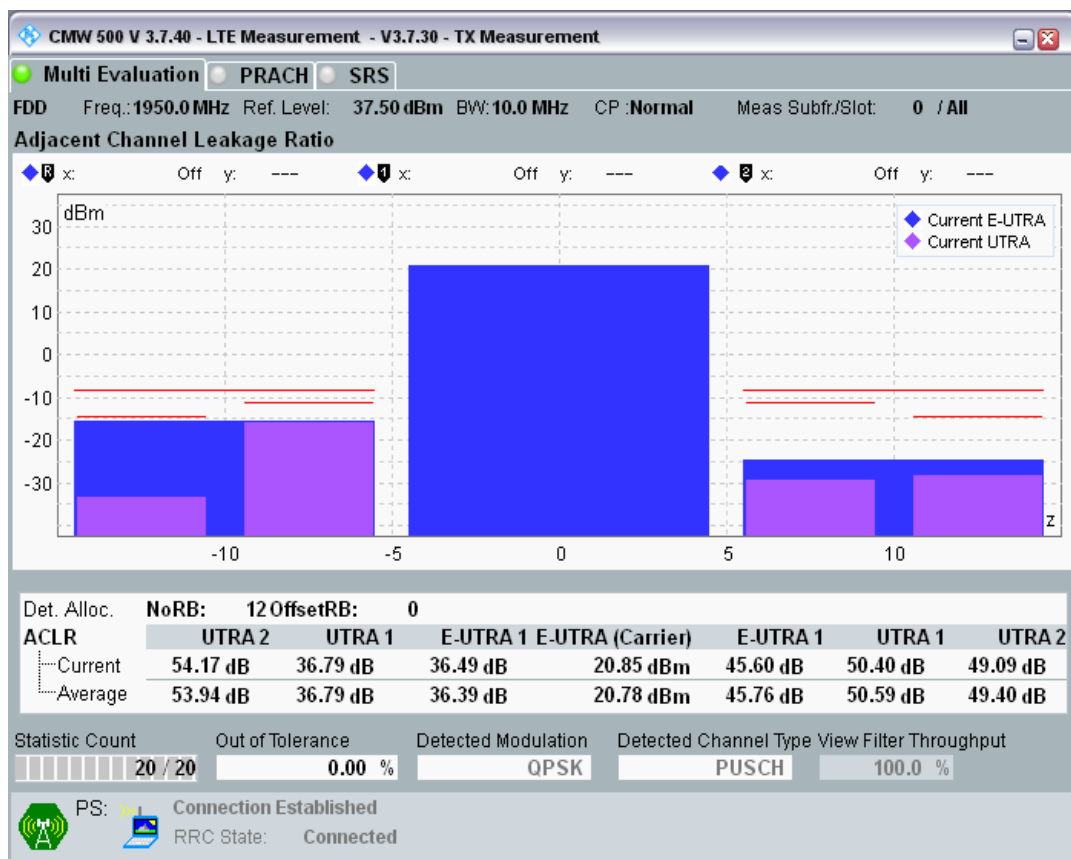
Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#Max.png



Band1 QPSK BW=10MHz Channel=18050 RB Size=50 Position=#0.png



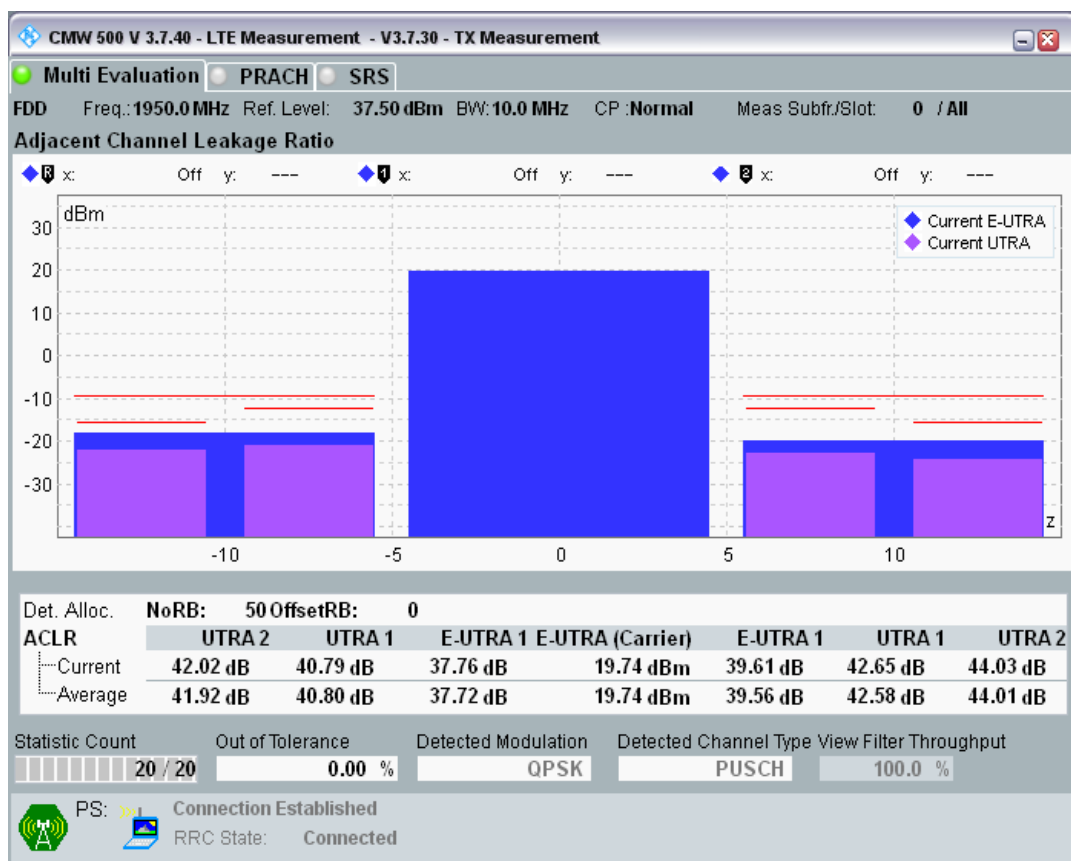
Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#0.png



Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



Band1 QPSK BW=10MHz Channel=18300 RB Size=50 Position=#0.png



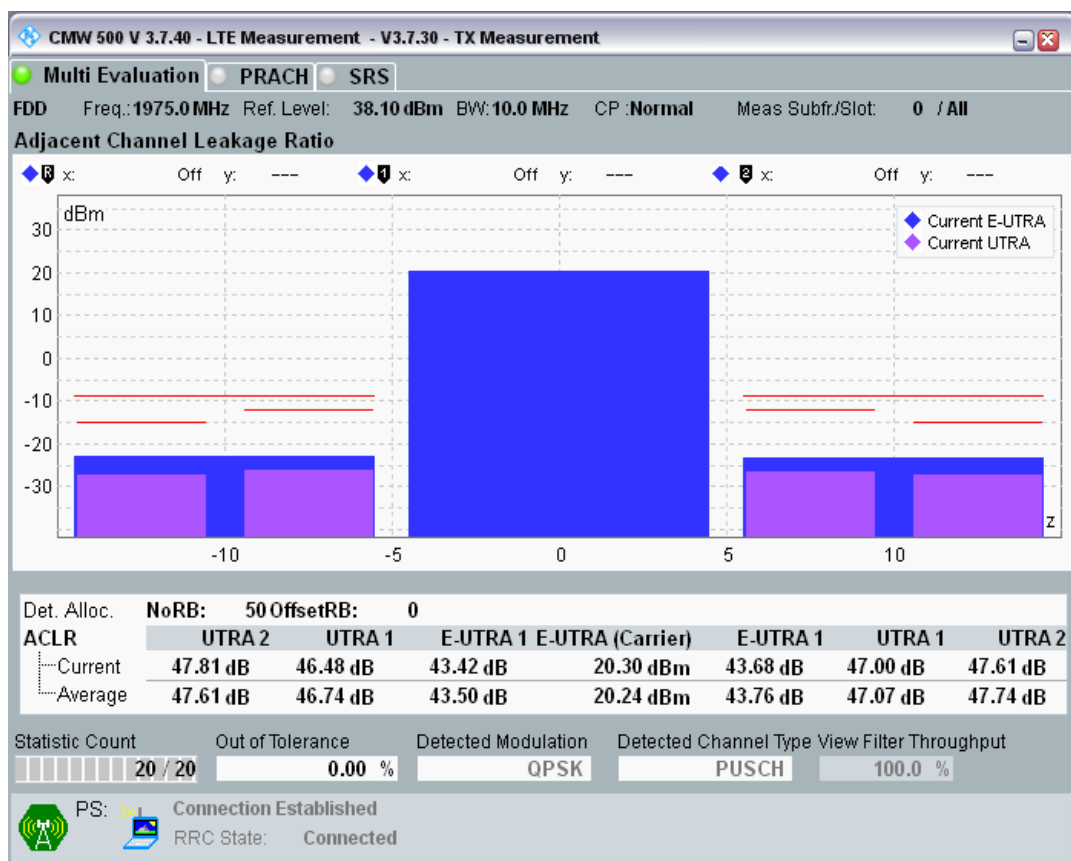
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



Band1 QPSK BW=10MHz Channel=18550 RB Size=50 Position=#0.png



Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png

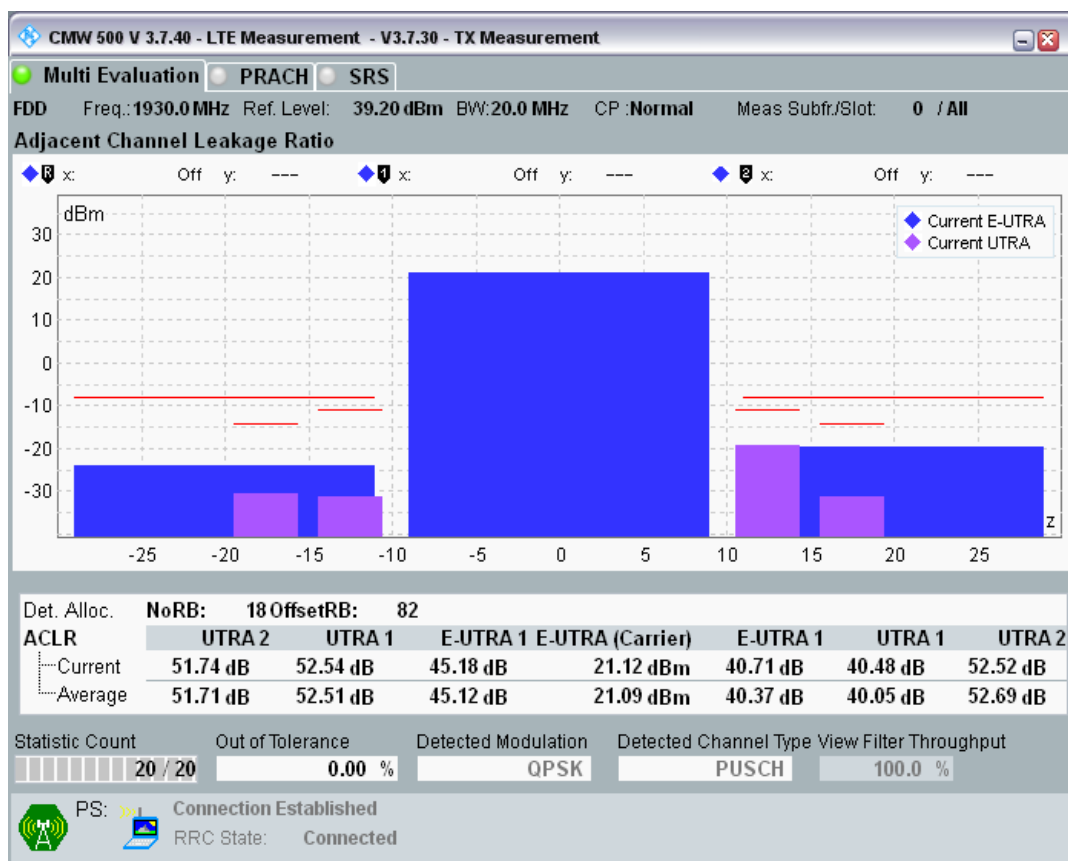


Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#0.png

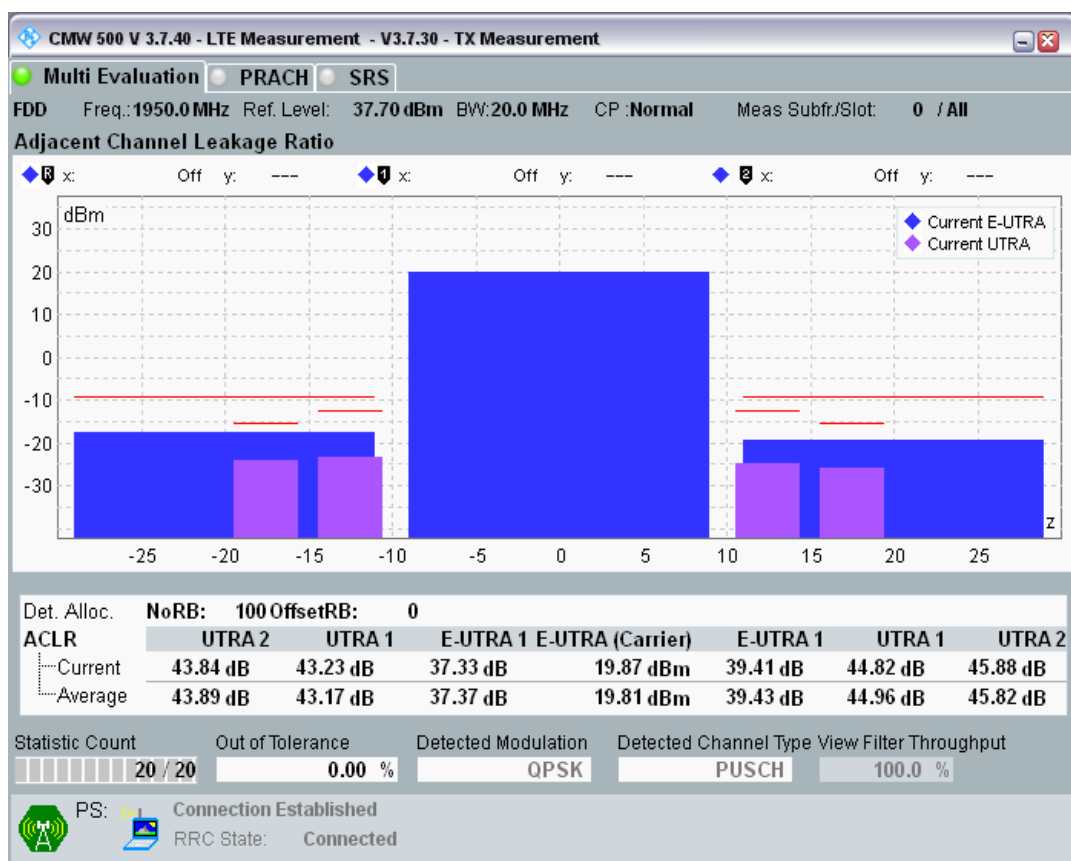




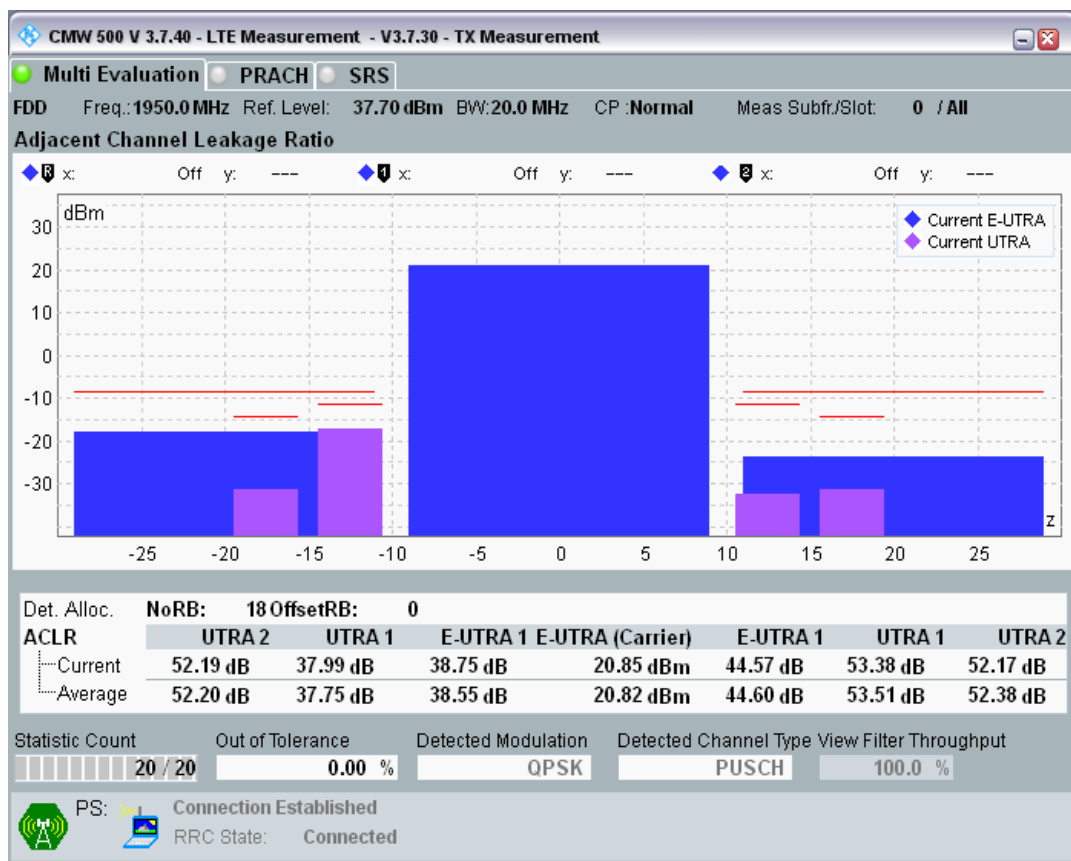
Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#Max.png



Band1 QPSK BW=20MHz Channel=18300 RB Size=100 Position=#0.png



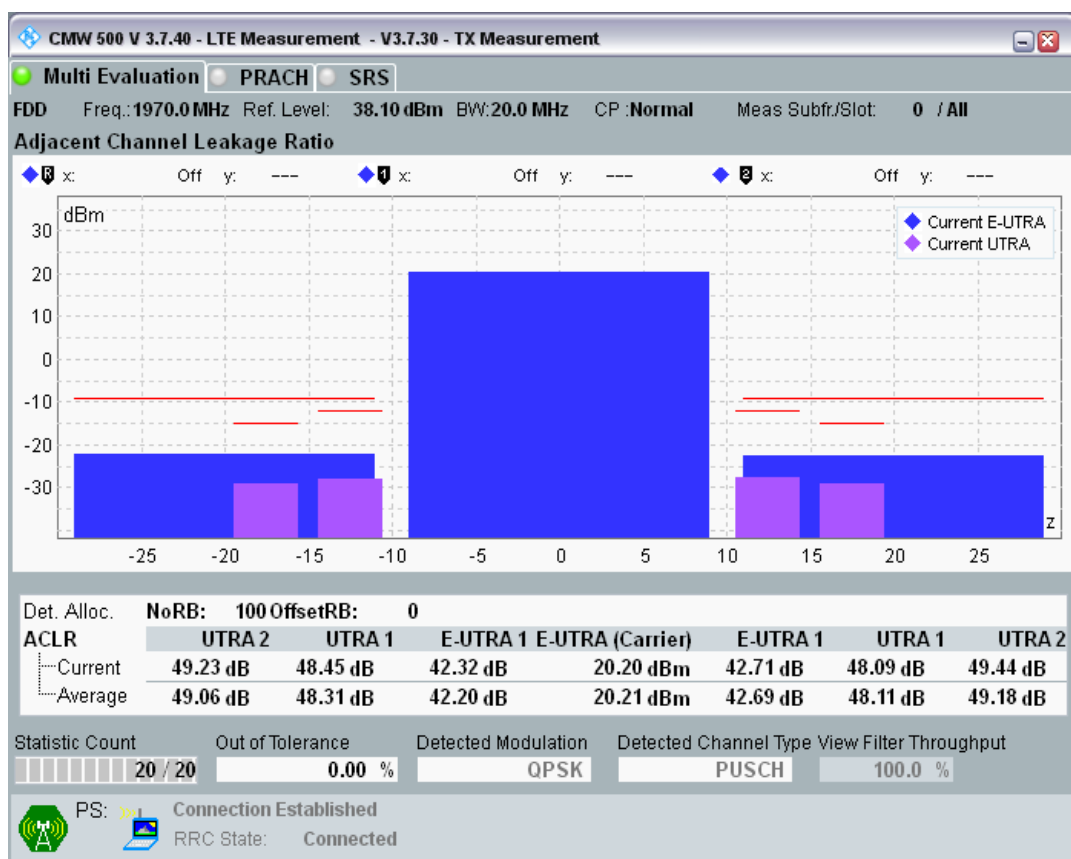
Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#0.png



Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#Max.png



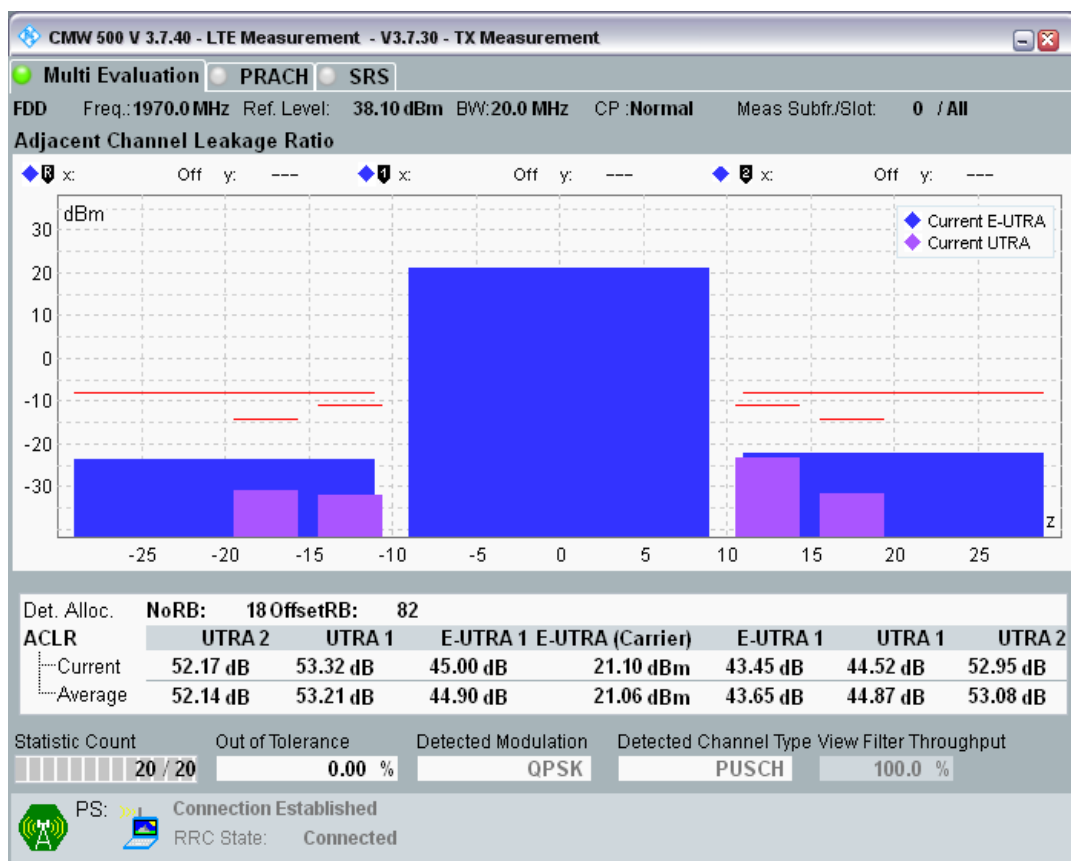
Band1 QPSK BW=20MHz Channel=18500 RB Size=100 Position=#0.png



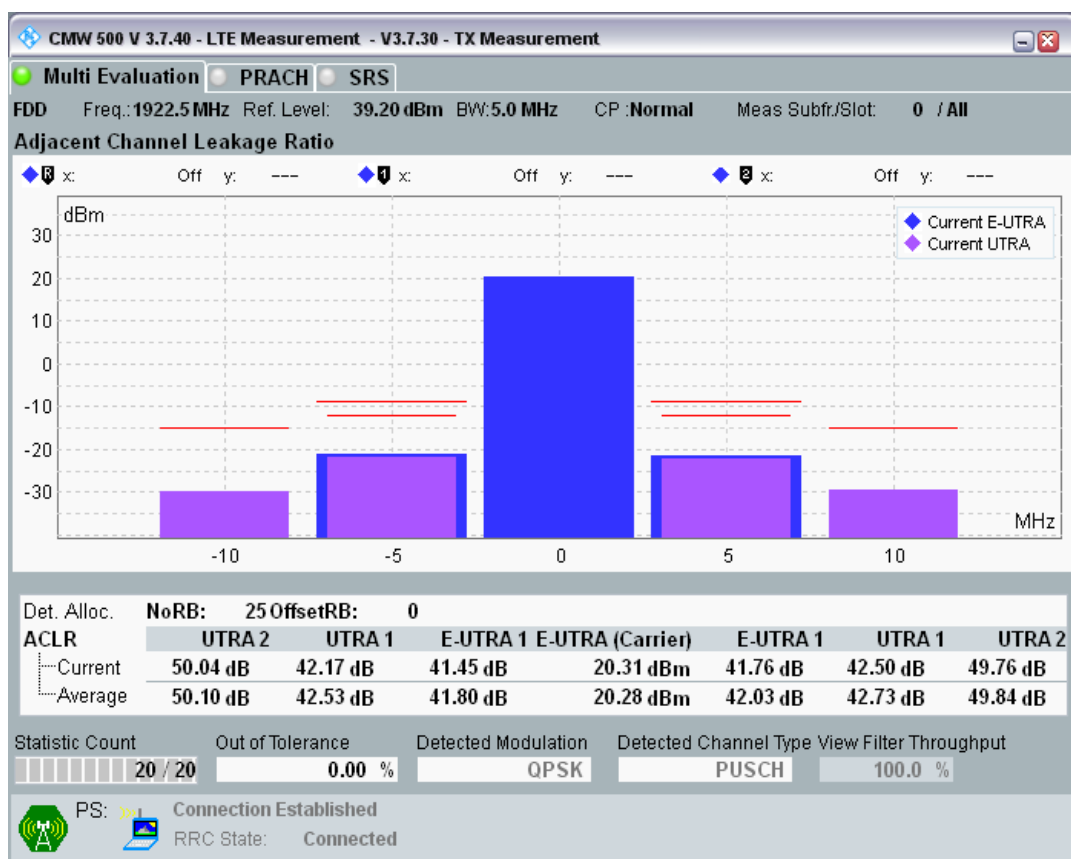
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#0.png



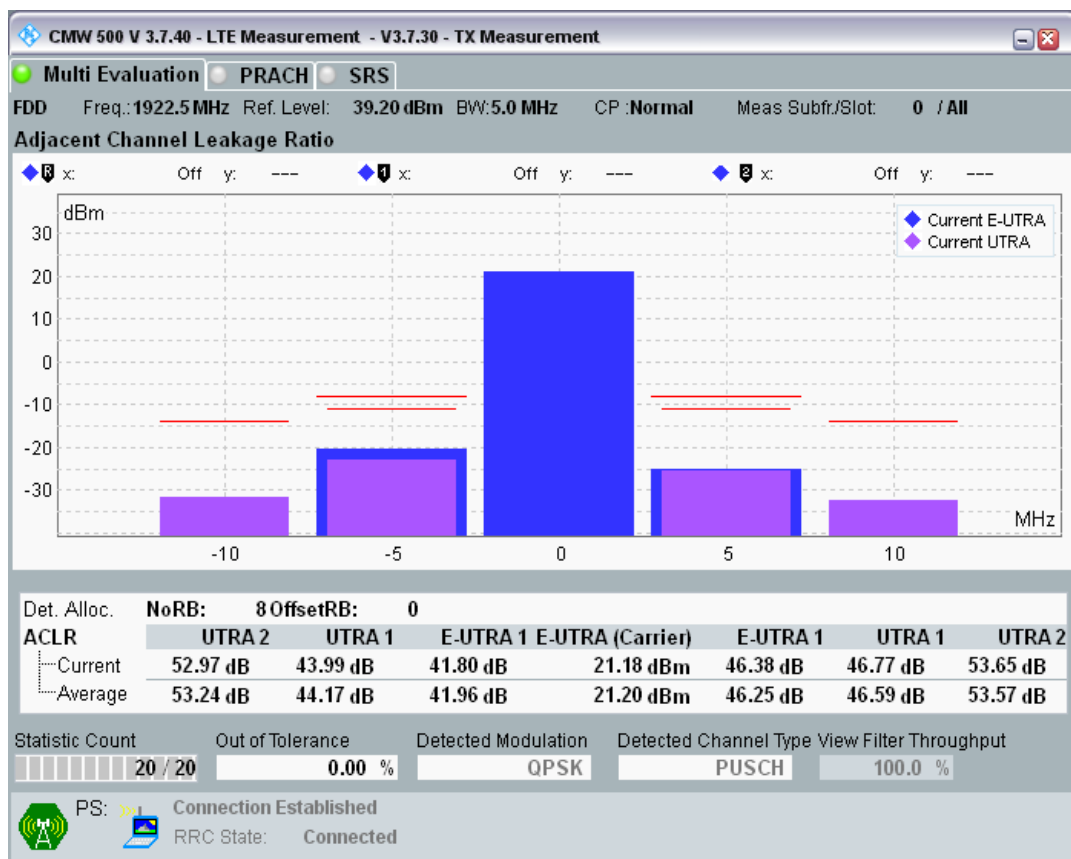
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



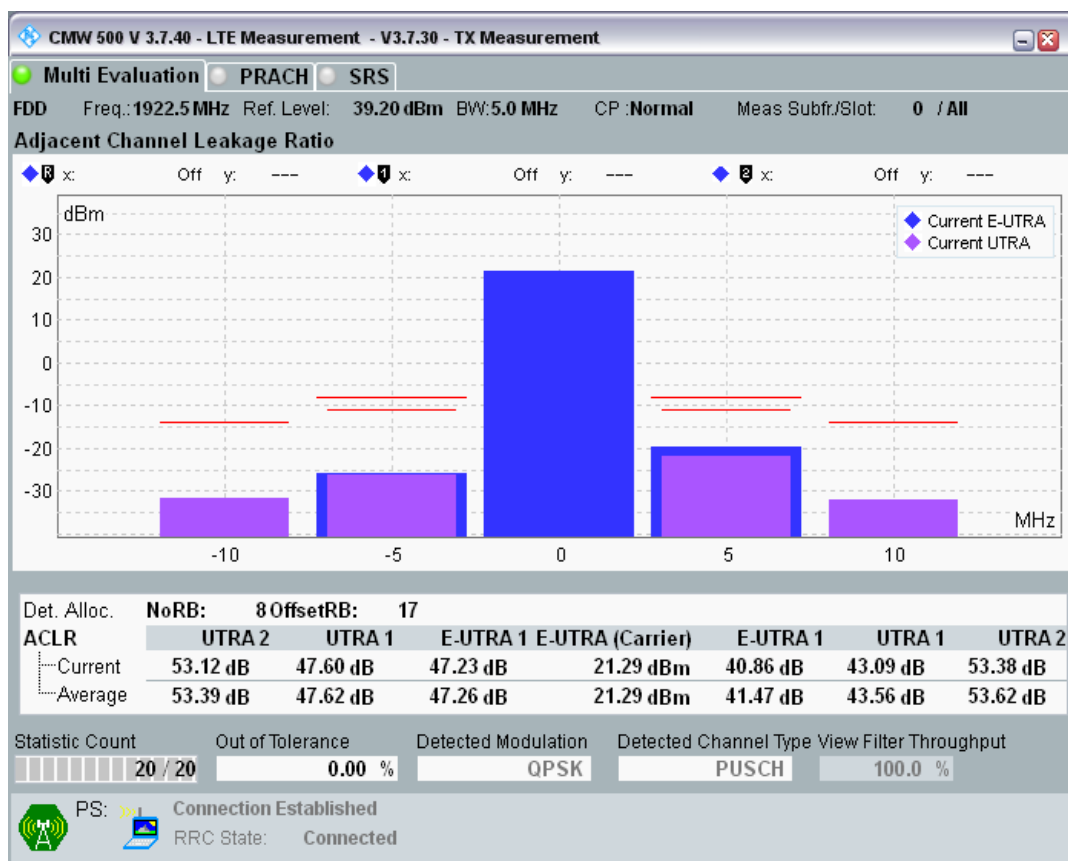
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png



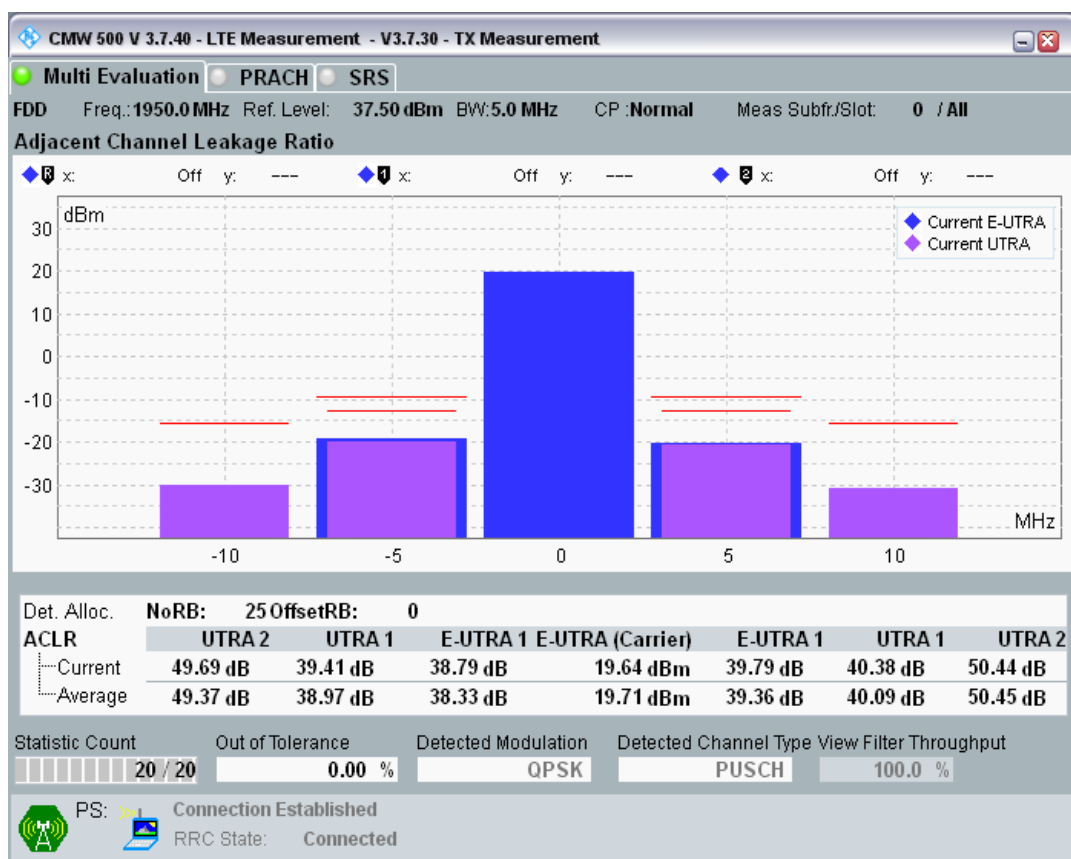
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#0.png



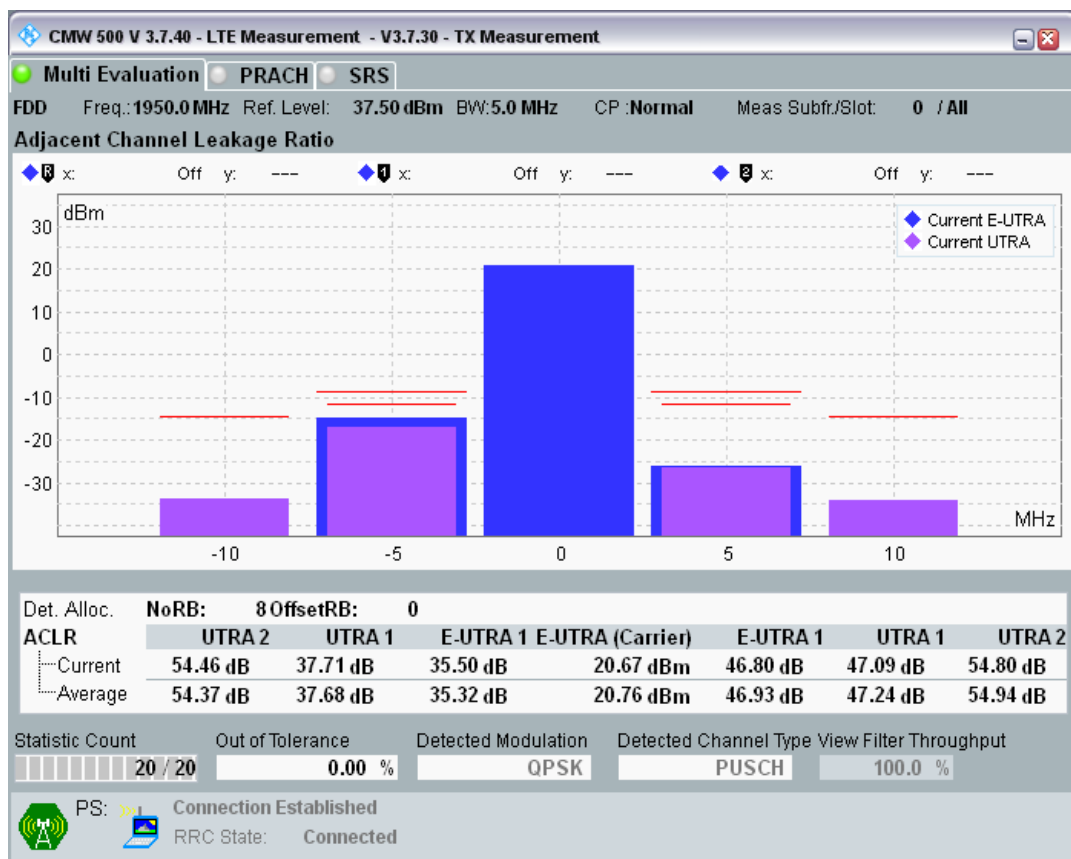
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png

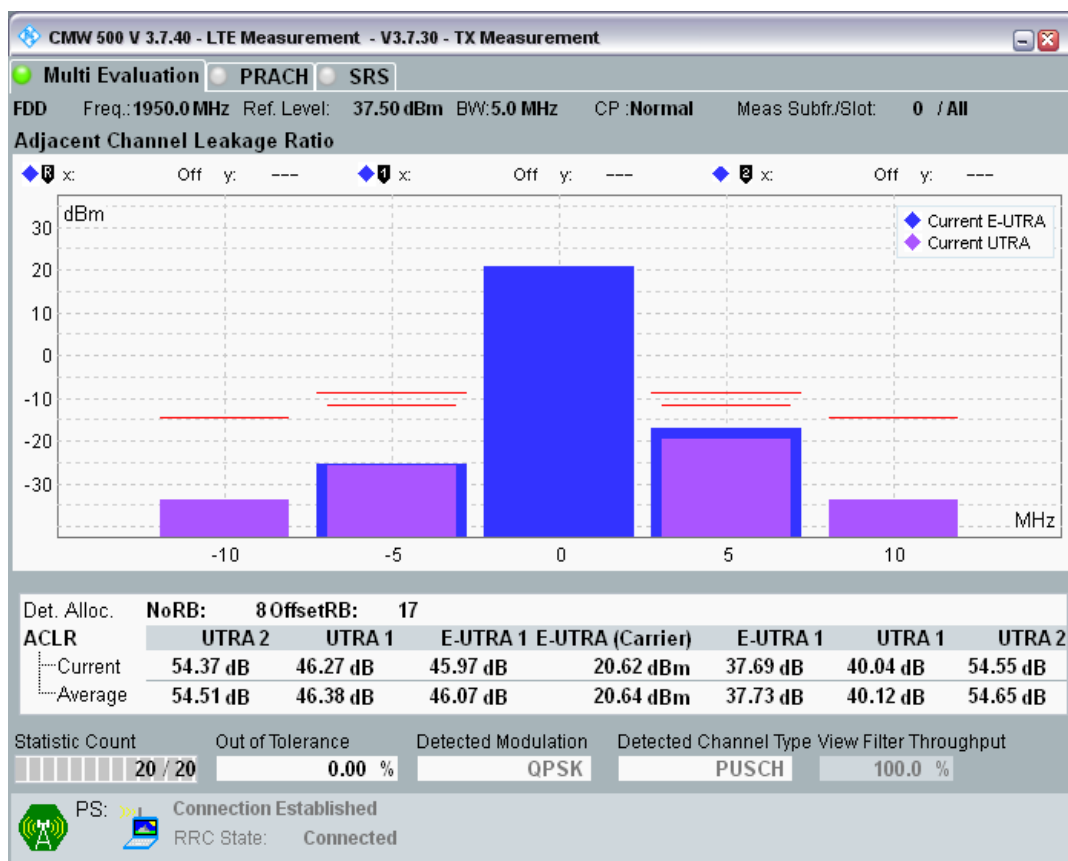


Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#0.png

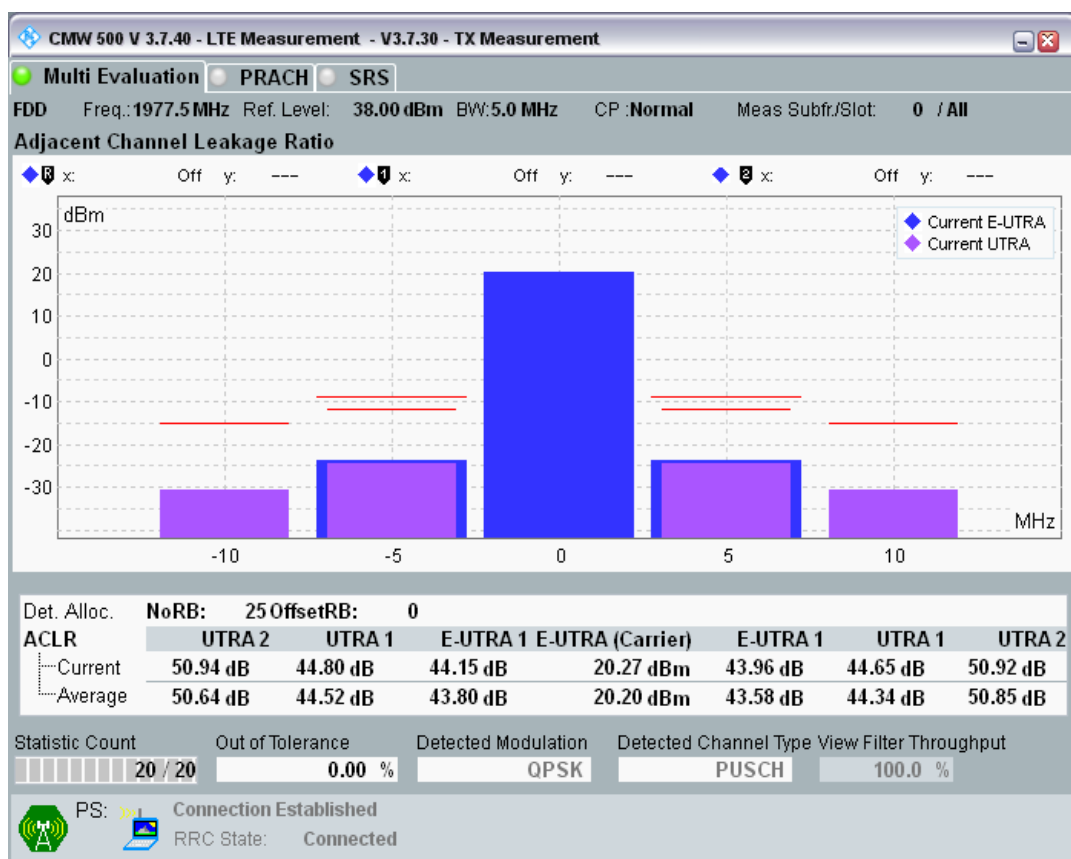




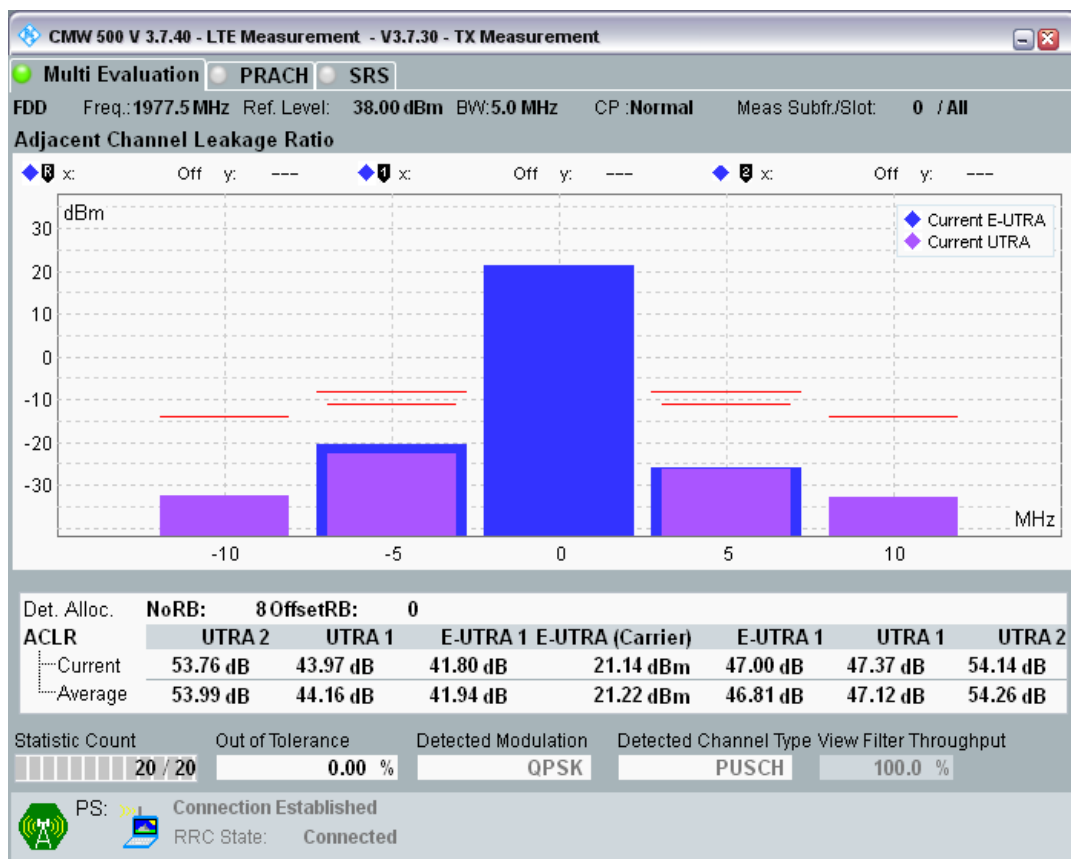
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



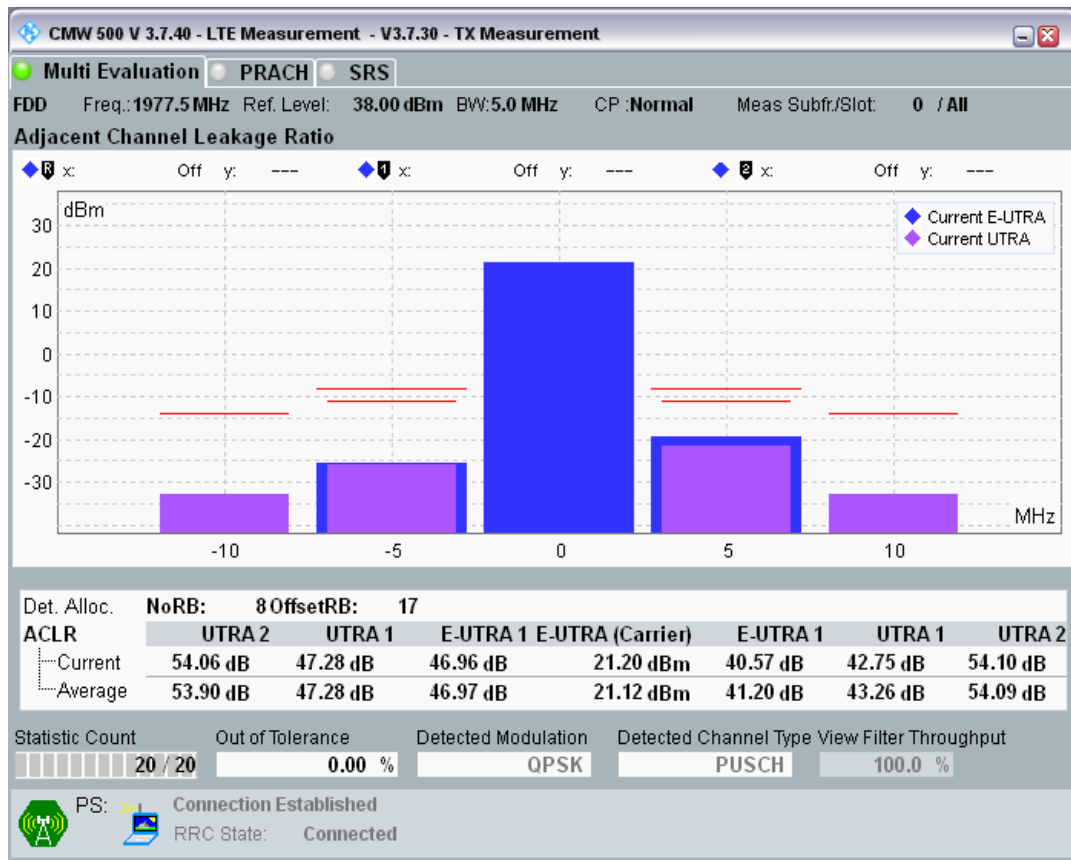
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



Band1 QPSK BW=5MHz Channel=18575 RB Size=8 Position=#0.png



Band1 QPSK BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



## Clause 4.2.12 LTE Receiver Reference Sensitivity Level

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
3	1.4	19457	6	QPSK	-101	100.00	95	PASS
3	1.4	19675	6	QPSK	-101	100.00	95	PASS
3	1.4	19893	6	QPSK	-101	100.00	95	PASS
3	5	19475	25	QPSK	-96.3	100.00	95	PASS
3	5	19675	25	QPSK	-96.3	100.00	95	PASS
3	5	19875	25	QPSK	-96.3	100.00	95	PASS
3	20	19550	100	QPSK	-90.3	100.00	95	PASS
3	20	19675	100	QPSK	-90.3	100.00	95	PASS
3	20	19800	100	QPSK	-90.3	100.00	95	PASS
7	5	20775	25	QPSK	-97.3	100.00	95	PASS
7	5	21100	25	QPSK	-97.3	100.00	95	PASS
7	5	21425	25	QPSK	-97.3	100.00	95	PASS
7	20	20850	100	QPSK	-91.3	100.00	95	PASS
7	20	21100	100	QPSK	-91.3	100.00	95	PASS
7	20	21350	100	QPSK	-91.3	100.00	95	PASS
8	1.4	21457	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21625	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21793	6	QPSK	-101.5	100.00	95	PASS
8	5	21475	25	QPSK	-96.3	100.00	95	PASS

8	5	21625	25	QPSK	-96.3	100.00	95	PASS
8	5	21775	25	QPSK	-96.3	100.00	95	PASS
8	10	21500	50	QPSK	-93.3	100.00	95	PASS
8	10	21625	50	QPSK	-93.3	100.00	95	PASS
8	10	21750	50	QPSK	-93.3	100.00	95	PASS
20	5	24175	25	QPSK	-96.3	100.00	95	PASS
20	5	24300	25	QPSK	-96.3	100.00	95	PASS
20	5	24425	25	QPSK	-96.3	100.00	95	PASS
20	20	24250	100	QPSK	-89.3	100.00	95	PASS
20	20	24300	100	QPSK	-89.3	100.00	95	PASS
20	20	24350	100	QPSK	-89.3	100.00	95	PASS
1	5	18025	25	QPSK	-99.3	100.00	95	PASS
1	5	18300	25	QPSK	-99.3	100.00	95	PASS
1	5	18575	25	QPSK	-99.3	100.00	95	PASS
1	20	18100	100	QPSK	-93.3	100.00	95	PASS
1	20	18300	100	QPSK	-93.3	100.00	95	PASS
1	20	18500	100	QPSK	-93.3	100.00	95	PASS