

Test Condition: HTLV, 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 (dBm)	Limit	high (dBm)	Limit	Verdict
7	5	20775	1	#0	QPSK	22.54	20.3		25.7		PASS
7	5	20775	1	#Max	QPSK	22.35	20.3		25.7		PASS
7	5	20775	8	#0	QPSK	22.56	20.3		25.7		PASS
7	5	20775	8	#Max	QPSK	22.53	20.3		25.7		PASS
7	5	21100	1	#0	QPSK	22.82	20.3		25.7		PASS
7	5	21100	1	#Max	QPSK	22.71	20.3		25.7		PASS
7	5	21100	8	#0	QPSK	22.84	20.3		25.7		PASS
7	5	21100	8	#Max	QPSK	22.69	20.3		25.7		PASS
7	5	21425	1	#0	QPSK	22.68	20.3		25.7		PASS
7	5	21425	1	#Max	QPSK	22.68	20.3		25.7		PASS
7	5	21425	8	#0	QPSK	22.77	20.3		25.7		PASS
7	5	21425	8	#Max	QPSK	22.75	20.3		25.7		PASS
7	20	20850	1	#0	QPSK	22.44	20.3		25.7		PASS
7	20	20850	1	#Max	QPSK	22.59	20.3		25.7		PASS
7	20	20850	18	#0	QPSK	22.55	20.3		25.7		PASS
7	20	20850	18	#Max	QPSK	22.71	20.3		25.7		PASS
7	20	21100	1	#0	QPSK	22.89	20.3		25.7		PASS
7	20	21100	1	#Max	QPSK	22.34	20.3		25.7		PASS
7	20	21100	18	#0	QPSK	22.94	20.3		25.7		PASS
7	20	21100	18	#Max	QPSK	22.49	20.3		25.7		PASS
7	20	21350	1	#0	QPSK	22.33	20.3		25.7		PASS
7	20	21350	1	#Max	QPSK	22.54	20.3		25.7		PASS
7	20	21350	18	#0	QPSK	22.47	20.3		25.7		PASS
7	20	21350	18	#Max	QPSK	22.69	20.3		25.7		PASS
1	5	18025	1	#0	QPSK	24.14	20.3		25.7		PASS
1	5	18025	1	#Max	QPSK	24.11	20.3		25.7		PASS
1	5	18025	8	#0	QPSK	24.18	20.3		25.7		PASS
1	5	18025	8	#Max	QPSK	24.20	20.3		25.7		PASS
1	5	18300	1	#0	QPSK	24.19	20.3		25.7		PASS
1	5	18300	1	#Max	QPSK	24.17	20.3		25.7		PASS
1	5	18300	8	#0	QPSK	24.27	20.3		25.7		PASS
1	5	18300	8	#Max	QPSK	24.20	20.3		25.7		PASS
1	5	18575	1	#0	QPSK	24.26	20.3		25.7		PASS
1	5	18575	1	#Max	QPSK	24.19	20.3		25.7		PASS

1	5	18575	8	#0	QPSK	24.33	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	24.28	20.3	25.7	PASS
1	20	18100	1	#0	QPSK	24.00	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	23.96	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	24.12	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	24.06	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	24.09	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	24.06	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	24.15	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	24.11	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	24.05	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	24.09	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	24.05	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	23.96	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	25.09	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	25.07	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	25.07	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	25.06	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	24.90	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	24.82	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	24.74	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	24.71	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	24.66	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	24.62	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	24.80	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	24.80	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.99	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	25.04	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	25.09	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	25.09	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	25.04	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	25.03	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	25.13	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	24.87	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	24.66	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	24.63	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	24.76	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	24.69	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	25.03	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	25.11	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	25.07	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	25.13	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	25.16	20.3	25.7	PASS

8	10	21625	1	#Max	QPSK	25.27	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	25.16	20.3	25.7	PASS
8	10	21625	12	#Max	QPSK	25.18	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	24.91	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	24.85	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	24.69	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	24.73	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.56	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.59	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.61	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.59	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	24.49	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	24.49	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	24.62	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	24.59	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	24.29	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	24.33	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	24.53	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	24.32	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	24.35	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	24.48	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.42	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	24.62	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	24.47	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	24.60	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	24.50	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	24.56	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	24.25	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	24.48	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	24.45	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	24.53	20.3	25.7	PASS
3	1.4	19457	1	#0	QPSK	23.32	20.3	25.7	PASS
3	1.4	19457	1	#Max	QPSK	23.29	20.3	25.7	PASS
3	1.4	19457	5	#0	QPSK	23.28	20.3	25.7	PASS
3	1.4	19457	5	#Max	QPSK	23.29	20.3	25.7	PASS
3	1.4	19675	1	#0	QPSK	22.04	20.3	25.7	PASS
3	1.4	19675	1	#Max	QPSK	22.00	20.3	25.7	PASS
3	1.4	19675	5	#0	QPSK	22.06	20.3	25.7	PASS
3	1.4	19675	5	#Max	QPSK	22.10	20.3	25.7	PASS
3	1.4	19893	1	#0	QPSK	23.03	20.3	25.7	PASS
3	1.4	19893	1	#Max	QPSK	23.05	20.3	25.7	PASS
3	1.4	19893	5	#0	QPSK	23.06	20.3	25.7	PASS
3	1.4	19893	5	#Max	QPSK	23.10	20.3	25.7	PASS

3	5	19475	1	#0	QPSK	23.19	20.3	25.7	PASS
3	5	19475	1	#Max	QPSK	23.15	20.3	25.7	PASS
3	5	19475	8	#0	QPSK	23.26	20.3	25.7	PASS
3	5	19475	8	#Max	QPSK	23.26	20.3	25.7	PASS
3	5	19675	1	#0	QPSK	21.98	20.3	25.7	PASS
3	5	19675	1	#Max	QPSK	22.00	20.3	25.7	PASS
3	5	19675	8	#0	QPSK	22.06	20.3	25.7	PASS
3	5	19675	8	#Max	QPSK	22.03	20.3	25.7	PASS
3	5	19875	1	#0	QPSK	22.77	20.3	25.7	PASS
3	5	19875	1	#Max	QPSK	22.90	20.3	25.7	PASS
3	5	19875	8	#0	QPSK	22.91	20.3	25.7	PASS
3	5	19875	8	#Max	QPSK	23.06	20.3	25.7	PASS
3	20	19550	1	#0	QPSK	23.10	20.3	25.7	PASS
3	20	19550	1	#Max	QPSK	22.31	20.3	25.7	PASS
3	20	19550	18	#0	QPSK	23.14	20.3	25.7	PASS
3	20	19550	18	#Max	QPSK	22.44	20.3	25.7	PASS
3	20	19675	1	#0	QPSK	22.13	20.3	25.7	PASS
3	20	19675	1	#Max	QPSK	22.11	20.3	25.7	PASS
3	20	19675	18	#0	QPSK	22.18	20.3	25.7	PASS
3	20	19675	18	#Max	QPSK	22.16	20.3	25.7	PASS
3	20	19800	1	#0	QPSK	21.88	20.3	25.7	PASS
3	20	19800	1	#Max	QPSK	22.78	20.3	25.7	PASS
3	20	19800	18	#0	QPSK	22.09	20.3	25.7	PASS
3	20	19800	18	#Max	QPSK	22.94	20.3	25.7	PASS

#### 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	19207	6	#0	QPSK	-50.19	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.36	-39	PASS
3	1.4	19943	6	#0	QPSK	-50.18	-39	PASS
3	5	19225	25	#0	QPSK	-49.89	-39	PASS
3	5	19575	25	#0	QPSK	-49.04	-39	PASS
3	5	19925	25	#0	QPSK	-49.75	-39	PASS
3	20	19300	100	#0	QPSK	0.00	-39	FAIL
3	20	19575	100	#0	QPSK	-48.73	-39	PASS
3	20	19850	100	#0	QPSK	0.00	-39	FAIL
7	5	20775	25	#0	QPSK	-49.65	-39	PASS
7	5	21100	25	#0	QPSK	-49.67	-39	PASS
7	5	21425	25	#0	QPSK	-49.26	-39	PASS
7	20	20850	100	#0	QPSK	-48.91	-39	PASS
7	20	21100	100	#0	QPSK	-48.90	-39	PASS
7	20	21350	100	#0	QPSK	-48.71	-39	PASS
8	1.4	21457	6	#0	QPSK	-50.12	-39	PASS

8	1.4	21625	6	#0	QPSK	-50.07	-39	PASS
8	1.4	21793	6	#0	QPSK	-50.23	-39	PASS
8	5	21475	25	#0	QPSK	0.00	-39	FAIL
8	5	21625	25	#0	QPSK	-49.77	-39	PASS
8	5	21775	25	#0	QPSK	-49.82	-39	PASS
8	10	21500	50	#0	QPSK	-49.47	-39	PASS
8	10	21625	50	#0	QPSK	-49.53	-39	PASS
8	10	21750	50	#0	QPSK	-49.35	-39	PASS
20	5	24175	25	#0	QPSK	-50.20	-39	PASS
20	5	24300	25	#0	QPSK	-49.91	-39	PASS
20	5	24425	25	#0	QPSK	-50.05	-39	PASS
20	20	24250	100	#0	QPSK	0.00	-39	FAIL
20	20	24300	100	#0	QPSK	0.00	-39	FAIL
20	20	24350	100	#0	QPSK	0.00	-39	FAIL
1	5	18025	25	#0	QPSK	-49.50	-39	PASS
1	5	18300	25	#0	QPSK	-49.07	-39	PASS
1	5	18575	25	#0	QPSK	-49.23	-39	PASS
1	20	18100	100	#0	QPSK	0.00	-39	FAIL
1	20	18300	100	#0	QPSK	-48.38	-39	PASS
1	20	18500	100	#0	QPSK	-48.43	-39	PASS

#### 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	19207	5	#0	QPSK		42.51	32.2	PASS
3	1.4	19207	5	#0	QPSK		38.74	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		40.46	29.2	PASS
3	1.4	19207	5	#0	QPSK		44.84	32.2	PASS
3	1.4	19207	5	#Max	QPSK		44.59	32.2	PASS
3	1.4	19207	5	#Max	QPSK		40.06	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		39.38	29.2	PASS
3	1.4	19207	5	#Max	QPSK		42.90	32.2	PASS
3	1.4	19207	6	#0	QPSK		43.08	32.2	PASS
3	1.4	19207	6	#0	QPSK		40.71	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		41.55	29.2	PASS
3	1.4	19207	6	#0	QPSK		43.62	32.2	PASS
3	1.4	19207	5	#0	QAM16		43.95	32.2	PASS
3	1.4	19207	5	#0	QAM16		39.66	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		41.41	29.2	PASS
3	1.4	19207	5	#0	QAM16		45.69	32.2	PASS

3	1.4	19207	5	#Max	QAM16		45.92	32.2	PASS
3	1.4	19207	5	#Max	QAM16		41.56	29.2	PASS
3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		40.34	29.2	PASS
3	1.4	19207	5	#Max	QAM16		43.74	32.2	PASS
3	1.4	19207	6	#0	QAM16		43.61	32.2	PASS
3	1.4	19207	6	#0	QAM16		40.81	29.2	PASS
3	1.4	19207	6	#0	QAM16		0.00	0	PASS
3	1.4	19207	6	#0	QAM16		40.69	29.2	PASS
3	1.4	19207	6	#0	QAM16		43.59	32.2	PASS
3	1.4	19575	5	#0	QPSK		42.13	32.2	PASS
3	1.4	19575	5	#0	QPSK		37.73	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		39.88	29.2	PASS
3	1.4	19575	5	#0	QPSK		44.51	32.2	PASS
3	1.4	19575	5	#Max	QPSK		44.23	32.2	PASS
3	1.4	19575	5	#Max	QPSK		39.28	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		38.00	29.2	PASS
3	1.4	19575	5	#Max	QPSK		42.34	32.2	PASS
3	1.4	19575	6	#0	QPSK		41.43	32.2	PASS
3	1.4	19575	6	#0	QPSK		38.79	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		39.20	29.2	PASS
3	1.4	19575	6	#0	QPSK		41.79	32.2	PASS
3	1.4	19575	5	#0	QAM16		42.92	32.2	PASS
3	1.4	19575	5	#0	QAM16		38.25	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		40.33	29.2	PASS
3	1.4	19575	5	#0	QAM16		45.06	32.2	PASS
3	1.4	19575	5	#Max	QAM16		45.12	32.2	PASS
3	1.4	19575	5	#Max	QAM16		40.28	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		38.59	29.2	PASS
3	1.4	19575	5	#Max	QAM16		42.92	32.2	PASS
3	1.4	19575	6	#0	QAM16		43.19	32.2	PASS
3	1.4	19575	6	#0	QAM16		39.78	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		39.87	29.2	PASS
3	1.4	19575	6	#0	QAM16		43.10	32.2	PASS
3	1.4	19943	5	#0	QPSK		41.17	32.2	PASS
3	1.4	19943	5	#0	QPSK		36.84	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS

3	1.4	19943	5	#0	QPSK		38.66	29.2	PASS
3	1.4	19943	5	#0	QPSK		43.50	32.2	PASS
3	1.4	19943	5	#Max	QPSK		42.99	32.2	PASS
3	1.4	19943	5	#Max	QPSK		38.01	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		35.98	29.2	PASS
3	1.4	19943	5	#Max	QPSK		40.91	32.2	PASS
3	1.4	19943	6	#0	QPSK		41.63	32.2	PASS
3	1.4	19943	6	#0	QPSK		38.93	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		38.69	29.2	PASS
3	1.4	19943	6	#0	QPSK		41.40	32.2	PASS
3	1.4	19943	5	#0	QAM16		43.32	32.2	PASS
3	1.4	19943	5	#0	QAM16		39.30	29.2	PASS
3	1.4	19943	5	#0	QAM16		0.00	0	PASS
3	1.4	19943	5	#0	QAM16		40.53	29.2	PASS
3	1.4	19943	5	#0	QAM16		44.92	32.2	PASS
3	1.4	19943	5	#Max	QAM16		45.20	32.2	PASS
3	1.4	19943	5	#Max	QAM16		40.69	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		38.48	29.2	PASS
3	1.4	19943	5	#Max	QAM16		42.81	32.2	PASS
3	1.4	19943	6	#0	QAM16		42.96	32.2	PASS
3	1.4	19943	6	#0	QAM16		40.00	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		39.80	29.2	PASS
3	1.4	19943	6	#0	QAM16		42.63	32.2	PASS
3	5	19225	8	#0	QPSK		52.78	35.2	PASS
3	5	19225	8	#0	QPSK		41.50	32.2	PASS
3	5	19225	8	#0	QPSK		39.50	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		46.17	29.2	PASS
3	5	19225	8	#0	QPSK		46.49	32.2	PASS
3	5	19225	8	#0	QPSK		53.22	35.2	PASS
3	5	19225	8	#Max	QPSK		52.81	35.2	PASS
3	5	19225	8	#Max	QPSK		44.97	32.2	PASS
3	5	19225	8	#Max	QPSK		44.69	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		41.89	29.2	PASS
3	5	19225	8	#Max	QPSK		43.79	32.2	PASS
3	5	19225	8	#Max	QPSK		53.12	35.2	PASS
3	5	19225	25	#0	QPSK		50.63	35.2	PASS
3	5	19225	25	#0	QPSK		41.18	32.2	PASS

3	5	19225	25	#0	QPSK		40.46	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS
3	5	19225	25	#0	QPSK		41.30	29.2	PASS
3	5	19225	25	#0	QPSK		42.01	32.2	PASS
3	5	19225	25	#0	QPSK		50.25	35.2	PASS
3	5	19225	8	#0	QAM16		51.70	35.2	PASS
3	5	19225	8	#0	QAM16		41.60	32.2	PASS
3	5	19225	8	#0	QAM16		39.53	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		46.07	29.2	PASS
3	5	19225	8	#0	QAM16		46.41	32.2	PASS
3	5	19225	8	#0	QAM16		52.12	35.2	PASS
3	5	19225	8	#Max	QAM16		51.81	35.2	PASS
3	5	19225	8	#Max	QAM16		45.22	32.2	PASS
3	5	19225	8	#Max	QAM16		44.93	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		41.50	29.2	PASS
3	5	19225	8	#Max	QAM16		43.59	32.2	PASS
3	5	19225	8	#Max	QAM16		52.12	35.2	PASS
3	5	19225	25	#0	QAM16		50.04	35.2	PASS
3	5	19225	25	#0	QAM16		40.07	32.2	PASS
3	5	19225	25	#0	QAM16		39.27	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		39.77	29.2	PASS
3	5	19225	25	#0	QAM16		40.58	32.2	PASS
3	5	19225	25	#0	QAM16		49.86	35.2	PASS
3	5	19575	8	#0	QPSK		53.28	35.2	PASS
3	5	19575	8	#0	QPSK		39.63	32.2	PASS
3	5	19575	8	#0	QPSK		37.26	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		45.99	29.2	PASS
3	5	19575	8	#0	QPSK		46.30	32.2	PASS
3	5	19575	8	#0	QPSK		53.88	35.2	PASS
3	5	19575	8	#Max	QPSK		53.64	35.2	PASS
3	5	19575	8	#Max	QPSK		45.64	32.2	PASS
3	5	19575	8	#Max	QPSK		45.38	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		38.14	29.2	PASS
3	5	19575	8	#Max	QPSK		40.16	32.2	PASS
3	5	19575	8	#Max	QPSK		53.72	35.2	PASS
3	5	19575	25	#0	QPSK		49.59	35.2	PASS
3	5	19575	25	#0	QPSK		39.32	32.2	PASS
3	5	19575	25	#0	QPSK		38.60	29.2	PASS

3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		39.08	29.2	PASS
3	5	19575	25	#0	QPSK		39.75	32.2	PASS
3	5	19575	25	#0	QPSK		49.40	35.2	PASS
3	5	19575	8	#0	QAM16		52.45	35.2	PASS
3	5	19575	8	#0	QAM16		40.87	32.2	PASS
3	5	19575	8	#0	QAM16		38.54	29.2	PASS
3	5	19575	8	#0	QAM16		0.00	0	PASS
3	5	19575	8	#0	QAM16		46.29	29.2	PASS
3	5	19575	8	#0	QAM16		46.61	32.2	PASS
3	5	19575	8	#0	QAM16		52.87	35.2	PASS
3	5	19575	8	#Max	QAM16		52.66	35.2	PASS
3	5	19575	8	#Max	QAM16		46.10	32.2	PASS
3	5	19575	8	#Max	QAM16		45.80	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		39.19	29.2	PASS
3	5	19575	8	#Max	QAM16		41.45	32.2	PASS
3	5	19575	8	#Max	QAM16		52.81	35.2	PASS
3	5	19575	25	#0	QAM16		49.36	35.2	PASS
3	5	19575	25	#0	QAM16		39.04	32.2	PASS
3	5	19575	25	#0	QAM16		38.26	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		38.37	29.2	PASS
3	5	19575	25	#0	QAM16		39.16	32.2	PASS
3	5	19575	25	#0	QAM16		49.19	35.2	PASS
3	5	19925	8	#0	QPSK		53.44	35.2	PASS
3	5	19925	8	#0	QPSK		41.23	32.2	PASS
3	5	19925	8	#0	QPSK		39.52	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		46.28	29.2	PASS
3	5	19925	8	#0	QPSK		46.63	32.2	PASS
3	5	19925	8	#0	QPSK		53.95	35.2	PASS
3	5	19925	8	#Max	QPSK		53.65	35.2	PASS
3	5	19925	8	#Max	QPSK		45.30	32.2	PASS
3	5	19925	8	#Max	QPSK		45.01	29.2	PASS
3	5	19925	8	#Max	QPSK		0.00	0	PASS
3	5	19925	8	#Max	QPSK		37.03	29.2	PASS
3	5	19925	8	#Max	QPSK		39.45	32.2	PASS
3	5	19925	8	#Max	QPSK		53.88	35.2	PASS
3	5	19925	25	#0	QPSK		48.47	35.2	PASS
3	5	19925	25	#0	QPSK		39.59	32.2	PASS
3	5	19925	25	#0	QPSK		38.83	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS

3	5	19925	25	#0	QPSK		39.10	29.2	PASS
3	5	19925	25	#0	QPSK		39.83	32.2	PASS
3	5	19925	25	#0	QPSK		50.68	35.2	PASS
3	5	19925	8	#0	QAM16		52.55	35.2	PASS
3	5	19925	8	#0	QAM16		41.89	32.2	PASS
3	5	19925	8	#0	QAM16		39.81	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		46.45	29.2	PASS
3	5	19925	8	#0	QAM16		46.78	32.2	PASS
3	5	19925	8	#0	QAM16		52.95	35.2	PASS
3	5	19925	8	#Max	QAM16		52.60	35.2	PASS
3	5	19925	8	#Max	QAM16		45.67	32.2	PASS
3	5	19925	8	#Max	QAM16		45.39	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		39.10	29.2	PASS
3	5	19925	8	#Max	QAM16		41.28	32.2	PASS
3	5	19925	8	#Max	QAM16		52.89	35.2	PASS
3	5	19925	25	#0	QAM16		48.78	35.2	PASS
3	5	19925	25	#0	QAM16		39.35	32.2	PASS
3	5	19925	25	#0	QAM16		38.64	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		39.06	29.2	PASS
3	5	19925	25	#0	QAM16		39.81	32.2	PASS
3	5	19925	25	#0	QAM16		50.31	35.2	PASS
3	10	19250	12	#0	QPSK		53.67	35.2	PASS
3	10	19250	12	#0	QPSK		41.35	32.2	PASS
3	10	19250	12	#0	QPSK		40.79	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.61	29.2	PASS
3	10	19250	12	#0	QPSK		50.45	32.2	PASS
3	10	19250	12	#0	QPSK		49.38	35.2	PASS
3	10	19250	12	#Max	QPSK		49.45	35.2	PASS
3	10	19250	12	#Max	QPSK		49.07	32.2	PASS
3	10	19250	12	#Max	QPSK		44.89	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		43.52	29.2	PASS
3	10	19250	12	#Max	QPSK		44.35	32.2	PASS
3	10	19250	12	#Max	QPSK		54.18	35.2	PASS
3	10	19250	50	#0	QPSK		47.66	35.2	PASS
3	10	19250	50	#0	QPSK		43.44	32.2	PASS
3	10	19250	50	#0	QPSK		41.33	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		41.08	29.2	PASS

3	10	19250	50	#0	QPSK		44.17	32.2	PASS
3	10	19250	50	#0	QPSK		45.67	35.2	PASS
3	10	19250	12	#0	QAM16		52.75	35.2	PASS
3	10	19250	12	#0	QAM16		41.77	32.2	PASS
3	10	19250	12	#0	QAM16		40.99	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		45.56	29.2	PASS
3	10	19250	12	#0	QAM16		50.19	32.2	PASS
3	10	19250	12	#0	QAM16		49.57	35.2	PASS
3	10	19250	12	#Max	QAM16		49.94	35.2	PASS
3	10	19250	12	#Max	QAM16		49.88	32.2	PASS
3	10	19250	12	#Max	QAM16		45.60	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		43.11	29.2	PASS
3	10	19250	12	#Max	QAM16		44.15	32.2	PASS
3	10	19250	12	#Max	QAM16		53.18	35.2	PASS
3	10	19250	50	#0	QAM16		47.34	35.2	PASS
3	10	19250	50	#0	QAM16		41.87	32.2	PASS
3	10	19250	50	#0	QAM16		40.04	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		39.82	29.2	PASS
3	10	19250	50	#0	QAM16		42.21	32.2	PASS
3	10	19250	50	#0	QAM16		45.69	35.2	PASS
3	10	19575	12	#0	QPSK		53.09	35.2	PASS
3	10	19575	12	#0	QPSK		39.40	32.2	PASS
3	10	19575	12	#0	QPSK		38.81	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		45.23	29.2	PASS
3	10	19575	12	#0	QPSK		50.04	32.2	PASS
3	10	19575	12	#0	QPSK		49.07	35.2	PASS
3	10	19575	12	#Max	QPSK		48.96	35.2	PASS
3	10	19575	12	#Max	QPSK		49.71	32.2	PASS
3	10	19575	12	#Max	QPSK		45.00	29.2	PASS
3	10	19575	12	#Max	QPSK		0.00	0	PASS
3	10	19575	12	#Max	QPSK		40.30	29.2	PASS
3	10	19575	12	#Max	QPSK		40.83	32.2	PASS
3	10	19575	12	#Max	QPSK		53.59	35.2	PASS
3	10	19575	50	#0	QPSK		44.34	35.2	PASS
3	10	19575	50	#0	QPSK		41.29	32.2	PASS
3	10	19575	50	#0	QPSK		38.83	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		39.46	29.2	PASS
3	10	19575	50	#0	QPSK		42.49	32.2	PASS

3	10	19575	50	#0	QPSK		43.98	35.2	PASS
3	10	19575	12	#0	QAM16		52.16	35.2	PASS
3	10	19575	12	#0	QAM16		40.18	32.2	PASS
3	10	19575	12	#0	QAM16		39.46	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		45.26	29.2	PASS
3	10	19575	12	#0	QAM16		49.86	32.2	PASS
3	10	19575	12	#0	QAM16		49.14	35.2	PASS
3	10	19575	12	#Max	QAM16		48.91	35.2	PASS
3	10	19575	12	#Max	QAM16		49.59	32.2	PASS
3	10	19575	12	#Max	QAM16		45.00	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		40.60	29.2	PASS
3	10	19575	12	#Max	QAM16		41.31	32.2	PASS
3	10	19575	12	#Max	QAM16		52.77	35.2	PASS
3	10	19575	50	#0	QAM16		44.60	35.2	PASS
3	10	19575	50	#0	QAM16		40.01	32.2	PASS
3	10	19575	50	#0	QAM16		37.99	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		38.56	29.2	PASS
3	10	19575	50	#0	QAM16		40.93	32.2	PASS
3	10	19575	50	#0	QAM16		44.26	35.2	PASS
3	10	19900	12	#0	QPSK		53.04	35.2	PASS
3	10	19900	12	#0	QPSK		38.47	32.2	PASS
3	10	19900	12	#0	QPSK		38.03	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		47.29	29.2	PASS
3	10	19900	12	#0	QPSK		51.21	32.2	PASS
3	10	19900	12	#0	QPSK		51.70	35.2	PASS
3	10	19900	12	#Max	QPSK		47.65	35.2	PASS
3	10	19900	12	#Max	QPSK		48.91	32.2	PASS
3	10	19900	12	#Max	QPSK		43.86	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		38.91	29.2	PASS
3	10	19900	12	#Max	QPSK		39.48	32.2	PASS
3	10	19900	12	#Max	QPSK		53.78	35.2	PASS
3	10	19900	50	#0	QPSK		42.46	35.2	PASS
3	10	19900	50	#0	QPSK		41.14	32.2	PASS
3	10	19900	50	#0	QPSK		38.08	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		39.93	29.2	PASS
3	10	19900	50	#0	QPSK		42.03	32.2	PASS
3	10	19900	50	#0	QPSK		46.35	35.2	PASS

3	10	19900	12	#0	QAM16		52.15	35.2	PASS
3	10	19900	12	#0	QAM16		39.51	32.2	PASS
3	10	19900	12	#0	QAM16		38.89	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		46.90	29.2	PASS
3	10	19900	12	#0	QAM16		50.82	32.2	PASS
3	10	19900	12	#0	QAM16		51.19	35.2	PASS
3	10	19900	12	#Max	QAM16		47.81	35.2	PASS
3	10	19900	12	#Max	QAM16		48.71	32.2	PASS
3	10	19900	12	#Max	QAM16		43.90	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		39.98	29.2	PASS
3	10	19900	12	#Max	QAM16		40.68	32.2	PASS
3	10	19900	12	#Max	QAM16		52.83	35.2	PASS
3	10	19900	50	#0	QAM16		43.02	35.2	PASS
3	10	19900	50	#0	QAM16		40.39	32.2	PASS
3	10	19900	50	#0	QAM16		37.71	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		39.18	29.2	PASS
3	10	19900	50	#0	QAM16		41.11	32.2	PASS
3	10	19900	50	#0	QAM16		46.17	35.2	PASS
3	20	19300	18	#0	QPSK		51.74	35.2	PASS
3	20	19300	18	#0	QPSK		42.27	32.2	PASS
3	20	19300	18	#0	QPSK		41.65	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		43.11	29.2	PASS
3	20	19300	18	#0	QPSK		52.75	32.2	PASS
3	20	19300	18	#0	QPSK		51.51	35.2	PASS
3	20	19300	18	#Max	QPSK		51.76	35.2	PASS
3	20	19300	18	#Max	QPSK		52.30	32.2	PASS
3	20	19300	18	#Max	QPSK		45.83	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		42.60	29.2	PASS
3	20	19300	18	#Max	QPSK		43.35	32.2	PASS
3	20	19300	18	#Max	QPSK		52.45	35.2	PASS
3	20	19300	100	#0	QPSK		48.23	35.2	PASS
3	20	19300	100	#0	QPSK		44.83	32.2	PASS
3	20	19300	100	#0	QPSK		41.78	29.2	PASS
3	20	19300	100	#0	QPSK		0.00	0	PASS
3	20	19300	100	#0	QPSK		39.08	29.2	PASS
3	20	19300	100	#0	QPSK		44.77	32.2	PASS
3	20	19300	100	#0	QPSK		45.80	35.2	PASS
3	20	19300	18	#0	QAM16		50.75	35.2	PASS

3	20	19300	18	#0	QAM16		42.20	32.2	PASS
3	20	19300	18	#0	QAM16		41.49	29.2	PASS
3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		42.80	29.2	PASS
3	20	19300	18	#0	QAM16		51.73	32.2	PASS
3	20	19300	18	#0	QAM16		51.05	35.2	PASS
3	20	19300	18	#Max	QAM16		50.89	35.2	PASS
3	20	19300	18	#Max	QAM16		51.28	32.2	PASS
3	20	19300	18	#Max	QAM16		44.90	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		42.18	29.2	PASS
3	20	19300	18	#Max	QAM16		43.09	32.2	PASS
3	20	19300	18	#Max	QAM16		51.64	35.2	PASS
3	20	19300	100	#0	QAM16		47.01	35.2	PASS
3	20	19300	100	#0	QAM16		43.55	32.2	PASS
3	20	19300	100	#0	QAM16		40.59	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		38.24	29.2	PASS
3	20	19300	100	#0	QAM16		43.50	32.2	PASS
3	20	19300	100	#0	QAM16		44.49	35.2	PASS
3	20	19575	18	#0	QPSK		52.02	35.2	PASS
3	20	19575	18	#0	QPSK		40.53	32.2	PASS
3	20	19575	18	#0	QPSK		40.87	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		44.44	29.2	PASS
3	20	19575	18	#0	QPSK		53.14	32.2	PASS
3	20	19575	18	#0	QPSK		52.32	35.2	PASS
3	20	19575	18	#Max	QPSK		51.76	35.2	PASS
3	20	19575	18	#Max	QPSK		52.81	32.2	PASS
3	20	19575	18	#Max	QPSK		44.72	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		41.23	29.2	PASS
3	20	19575	18	#Max	QPSK		41.49	32.2	PASS
3	20	19575	18	#Max	QPSK		52.94	35.2	PASS
3	20	19575	100	#0	QPSK		45.07	35.2	PASS
3	20	19575	100	#0	QPSK		43.41	32.2	PASS
3	20	19575	100	#0	QPSK		38.58	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		38.91	29.2	PASS
3	20	19575	100	#0	QPSK		44.62	32.2	PASS
3	20	19575	100	#0	QPSK		45.94	35.2	PASS
3	20	19575	18	#0	QAM16		51.07	35.2	PASS
3	20	19575	18	#0	QAM16		40.67	32.2	PASS

3	20	19575	18	#0	QAM16		40.87	29.2	PASS
3	20	19575	18	#0	QAM16		0.00	0	PASS
3	20	19575	18	#0	QAM16		43.38	29.2	PASS
3	20	19575	18	#0	QAM16		52.18	32.2	PASS
3	20	19575	18	#0	QAM16		51.50	35.2	PASS
3	20	19575	18	#Max	QAM16		51.16	35.2	PASS
3	20	19575	18	#Max	QAM16		51.86	32.2	PASS
3	20	19575	18	#Max	QAM16		44.30	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		41.30	29.2	PASS
3	20	19575	18	#Max	QAM16		41.52	32.2	PASS
3	20	19575	18	#Max	QAM16		52.10	35.2	PASS
3	20	19575	100	#0	QAM16		44.15	35.2	PASS
3	20	19575	100	#0	QAM16		42.43	32.2	PASS
3	20	19575	100	#0	QAM16		37.99	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		38.05	29.2	PASS
3	20	19575	100	#0	QAM16		43.28	32.2	PASS
3	20	19575	100	#0	QAM16		44.40	35.2	PASS
3	20	19850	18	#0	QPSK		52.04	35.2	PASS
3	20	19850	18	#0	QPSK		40.68	32.2	PASS
3	20	19850	18	#0	QPSK		40.72	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		46.90	29.2	PASS
3	20	19850	18	#0	QPSK		53.34	32.2	PASS
3	20	19850	18	#0	QPSK		53.42	35.2	PASS
3	20	19850	18	#Max	QPSK		51.34	35.2	PASS
3	20	19850	18	#Max	QPSK		52.48	32.2	PASS
3	20	19850	18	#Max	QPSK		43.77	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		41.19	29.2	PASS
3	20	19850	18	#Max	QPSK		41.26	32.2	PASS
3	20	19850	18	#Max	QPSK		53.25	35.2	PASS
3	20	19850	100	#0	QPSK		44.64	35.2	PASS
3	20	19850	100	#0	QPSK		43.28	32.2	PASS
3	20	19850	100	#0	QPSK		37.56	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		42.17	29.2	PASS
3	20	19850	100	#0	QPSK		45.29	32.2	PASS
3	20	19850	100	#0	QPSK		48.54	35.2	PASS
3	20	19850	18	#0	QAM16		51.12	35.2	PASS
3	20	19850	18	#0	QAM16		40.61	32.2	PASS
3	20	19850	18	#0	QAM16		40.59	29.2	PASS

3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		45.89	29.2	PASS
3	20	19850	18	#0	QAM16		52.33	32.2	PASS
3	20	19850	18	#0	QAM16		52.47	35.2	PASS
3	20	19850	18	#Max	QAM16		50.72	35.2	PASS
3	20	19850	18	#Max	QAM16		51.52	32.2	PASS
3	20	19850	18	#Max	QAM16		43.45	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		41.13	29.2	PASS
3	20	19850	18	#Max	QAM16		41.23	32.2	PASS
3	20	19850	18	#Max	QAM16		52.30	35.2	PASS
3	20	19850	100	#0	QAM16		43.43	35.2	PASS
3	20	19850	100	#0	QAM16		42.04	32.2	PASS
3	20	19850	100	#0	QAM16		37.03	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		40.66	29.2	PASS
3	20	19850	100	#0	QAM16		43.76	32.2	PASS
3	20	19850	100	#0	QAM16		46.81	35.2	PASS
7	5	20775	8	#0	QPSK		52.10	35.2	PASS
7	5	20775	8	#0	QPSK		40.43	32.2	PASS
7	5	20775	8	#0	QPSK		38.10	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		46.23	29.2	PASS
7	5	20775	8	#0	QPSK		46.72	32.2	PASS
7	5	20775	8	#0	QPSK		52.81	35.2	PASS
7	5	20775	8	#Max	QPSK		52.47	35.2	PASS
7	5	20775	8	#Max	QPSK		47.05	32.2	PASS
7	5	20775	8	#Max	QPSK		46.55	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		37.96	29.2	PASS
7	5	20775	8	#Max	QPSK		40.13	32.2	PASS
7	5	20775	8	#Max	QPSK		52.47	35.2	PASS
7	5	20775	25	#0	QPSK		48.24	35.2	PASS
7	5	20775	25	#0	QPSK		41.12	32.2	PASS
7	5	20775	25	#0	QPSK		40.40	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		39.80	29.2	PASS
7	5	20775	25	#0	QPSK		40.49	32.2	PASS
7	5	20775	25	#0	QPSK		47.32	35.2	PASS
7	5	20775	8	#0	QAM16		51.26	35.2	PASS
7	5	20775	8	#0	QAM16		41.25	32.2	PASS
7	5	20775	8	#0	QAM16		39.45	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS

7	5	20775	8	#0	QAM16		46.51	29.2	PASS
7	5	20775	8	#0	QAM16		46.99	32.2	PASS
7	5	20775	8	#0	QAM16		51.76	35.2	PASS
7	5	20775	8	#Max	QAM16		51.44	35.2	PASS
7	5	20775	8	#Max	QAM16		47.45	32.2	PASS
7	5	20775	8	#Max	QAM16		46.95	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		39.25	29.2	PASS
7	5	20775	8	#Max	QAM16		40.99	32.2	PASS
7	5	20775	8	#Max	QAM16		51.63	35.2	PASS
7	5	20775	25	#0	QAM16		47.56	35.2	PASS
7	5	20775	25	#0	QAM16		40.58	32.2	PASS
7	5	20775	25	#0	QAM16		39.81	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		39.00	29.2	PASS
7	5	20775	25	#0	QAM16		39.77	32.2	PASS
7	5	20775	25	#0	QAM16		46.67	35.2	PASS
7	5	21100	8	#0	QPSK		53.30	35.2	PASS
7	5	21100	8	#0	QPSK		38.37	32.2	PASS
7	5	21100	8	#0	QPSK		36.30	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		47.34	29.2	PASS
7	5	21100	8	#0	QPSK		47.88	32.2	PASS
7	5	21100	8	#0	QPSK		54.20	35.2	PASS
7	5	21100	8	#Max	QPSK		53.79	35.2	PASS
7	5	21100	8	#Max	QPSK		47.09	32.2	PASS
7	5	21100	8	#Max	QPSK		46.59	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		36.64	29.2	PASS
7	5	21100	8	#Max	QPSK		38.75	32.2	PASS
7	5	21100	8	#Max	QPSK		53.78	35.2	PASS
7	5	21100	25	#0	QPSK		47.09	35.2	PASS
7	5	21100	25	#0	QPSK		38.24	32.2	PASS
7	5	21100	25	#0	QPSK		37.56	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		38.55	29.2	PASS
7	5	21100	25	#0	QPSK		39.28	32.2	PASS
7	5	21100	25	#0	QPSK		47.97	35.2	PASS
7	5	21100	8	#0	QAM16		52.53	35.2	PASS
7	5	21100	8	#0	QAM16		39.78	32.2	PASS
7	5	21100	8	#0	QAM16		37.96	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		47.71	29.2	PASS

7	5	21100	8	#0	QAM16		48.24	32.2	PASS
7	5	21100	8	#0	QAM16		53.26	35.2	PASS
7	5	21100	8	#Max	QAM16		52.83	35.2	PASS
7	5	21100	8	#Max	QAM16		47.51	32.2	PASS
7	5	21100	8	#Max	QAM16		47.02	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		38.39	29.2	PASS
7	5	21100	8	#Max	QAM16		40.08	32.2	PASS
7	5	21100	8	#Max	QAM16		53.00	35.2	PASS
7	5	21100	25	#0	QAM16		47.08	35.2	PASS
7	5	21100	25	#0	QAM16		38.93	32.2	PASS
7	5	21100	25	#0	QAM16		38.19	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		38.75	29.2	PASS
7	5	21100	25	#0	QAM16		39.47	32.2	PASS
7	5	21100	25	#0	QAM16		47.87	35.2	PASS
7	5	21425	8	#0	QPSK		53.16	35.2	PASS
7	5	21425	8	#0	QPSK		36.79	32.2	PASS
7	5	21425	8	#0	QPSK		33.89	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		47.30	29.2	PASS
7	5	21425	8	#0	QPSK		47.74	32.2	PASS
7	5	21425	8	#0	QPSK		54.39	35.2	PASS
7	5	21425	8	#Max	QPSK		53.91	35.2	PASS
7	5	21425	8	#Max	QPSK		45.96	32.2	PASS
7	5	21425	8	#Max	QPSK		45.51	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		34.58	29.2	PASS
7	5	21425	8	#Max	QPSK		37.67	32.2	PASS
7	5	21425	8	#Max	QPSK		53.71	35.2	PASS
7	5	21425	25	#0	QPSK		47.33	35.2	PASS
7	5	21425	25	#0	QPSK		36.84	32.2	PASS
7	5	21425	25	#0	QPSK		36.11	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		37.62	29.2	PASS
7	5	21425	25	#0	QPSK		38.43	32.2	PASS
7	5	21425	25	#0	QPSK		48.86	35.2	PASS
7	5	21425	8	#0	QAM16		52.54	35.2	PASS
7	5	21425	8	#0	QAM16		38.12	32.2	PASS
7	5	21425	8	#0	QAM16		35.58	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		47.27	29.2	PASS
7	5	21425	8	#0	QAM16		47.71	32.2	PASS

7	5	21425	8	#0	QAM16	53.39	35.2	PASS
7	5	21425	8	#Max	QAM16	52.92	35.2	PASS
7	5	21425	8	#Max	QAM16	46.47	32.2	PASS
7	5	21425	8	#Max	QAM16	46.02	29.2	PASS
7	5	21425	8	#Max	QAM16	0.00	0	PASS
7	5	21425	8	#Max	QAM16	36.07	29.2	PASS
7	5	21425	8	#Max	QAM16	38.78	32.2	PASS
7	5	21425	8	#Max	QAM16	52.96	35.2	PASS
7	5	21425	25	#0	QAM16	47.09	35.2	PASS
7	5	21425	25	#0	QAM16	37.82	32.2	PASS
7	5	21425	25	#0	QAM16	37.07	29.2	PASS
7	5	21425	25	#0	QAM16	0.00	0	PASS
7	5	21425	25	#0	QAM16	38.18	29.2	PASS
7	5	21425	25	#0	QAM16	38.99	32.2	PASS
7	5	21425	25	#0	QAM16	48.23	35.2	PASS
7	10	20800	12	#0	QPSK	51.25	35.2	PASS
7	10	20800	12	#0	QPSK	40.81	32.2	PASS
7	10	20800	12	#0	QPSK	39.98	29.2	PASS
7	10	20800	12	#0	QPSK	0.00	0	PASS
7	10	20800	12	#0	QPSK	45.32	29.2	PASS
7	10	20800	12	#0	QPSK	49.84	32.2	PASS
7	10	20800	12	#0	QPSK	49.20	35.2	PASS
7	10	20800	12	#Max	QPSK	49.80	35.2	PASS
7	10	20800	12	#Max	QPSK	50.14	32.2	PASS
7	10	20800	12	#Max	QPSK	45.87	29.2	PASS
7	10	20800	12	#Max	QPSK	0.00	0	PASS
7	10	20800	12	#Max	QPSK	40.19	29.2	PASS
7	10	20800	12	#Max	QPSK	41.01	32.2	PASS
7	10	20800	12	#Max	QPSK	51.43	35.2	PASS
7	10	20800	50	#0	QPSK	45.62	35.2	PASS
7	10	20800	50	#0	QPSK	43.32	32.2	PASS
7	10	20800	50	#0	QPSK	40.65	29.2	PASS
7	10	20800	50	#0	QPSK	0.00	0	PASS
7	10	20800	50	#0	QPSK	39.91	29.2	PASS
7	10	20800	50	#0	QPSK	43.03	32.2	PASS
7	10	20800	50	#0	QPSK	44.20	35.2	PASS
7	10	20800	12	#0	QAM16	50.53	35.2	PASS
7	10	20800	12	#0	QAM16	41.33	32.2	PASS
7	10	20800	12	#0	QAM16	40.38	29.2	PASS
7	10	20800	12	#0	QAM16	0.00	0	PASS
7	10	20800	12	#0	QAM16	45.05	29.2	PASS
7	10	20800	12	#0	QAM16	49.40	32.2	PASS
7	10	20800	12	#0	QAM16	48.95	35.2	PASS

7	10	20800	12	#Max	QAM16		49.51	35.2	PASS
7	10	20800	12	#Max	QAM16		49.79	32.2	PASS
7	10	20800	12	#Max	QAM16		45.64	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		40.36	29.2	PASS
7	10	20800	12	#Max	QAM16		41.21	32.2	PASS
7	10	20800	12	#Max	QAM16		50.87	35.2	PASS
7	10	20800	50	#0	QAM16		45.02	35.2	PASS
7	10	20800	50	#0	QAM16		41.85	32.2	PASS
7	10	20800	50	#0	QAM16		39.42	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		38.84	29.2	PASS
7	10	20800	50	#0	QAM16		41.55	32.2	PASS
7	10	20800	50	#0	QAM16		43.88	35.2	PASS
7	10	21100	12	#0	QPSK		52.04	35.2	PASS
7	10	21100	12	#0	QPSK		37.95	32.2	PASS
7	10	21100	12	#0	QPSK		37.39	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		46.90	29.2	PASS
7	10	21100	12	#0	QPSK		51.18	32.2	PASS
7	10	21100	12	#0	QPSK		50.93	35.2	PASS
7	10	21100	12	#Max	QPSK		49.63	35.2	PASS
7	10	21100	12	#Max	QPSK		50.33	32.2	PASS
7	10	21100	12	#Max	QPSK		45.78	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		38.32	29.2	PASS
7	10	21100	12	#Max	QPSK		38.94	32.2	PASS
7	10	21100	12	#Max	QPSK		52.53	35.2	PASS
7	10	21100	50	#0	QPSK		42.54	35.2	PASS
7	10	21100	50	#0	QPSK		40.05	32.2	PASS
7	10	21100	50	#0	QPSK		37.45	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		39.08	29.2	PASS
7	10	21100	50	#0	QPSK		41.81	32.2	PASS
7	10	21100	50	#0	QPSK		43.81	35.2	PASS
7	10	21100	12	#0	QAM16		51.51	35.2	PASS
7	10	21100	12	#0	QAM16		39.23	32.2	PASS
7	10	21100	12	#0	QAM16		38.57	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		46.78	29.2	PASS
7	10	21100	12	#0	QAM16		50.95	32.2	PASS
7	10	21100	12	#0	QAM16		50.79	35.2	PASS
7	10	21100	12	#Max	QAM16		49.59	35.2	PASS

7	10	21100	12	#Max	QAM16		50.09	32.2	PASS
7	10	21100	12	#Max	QAM16		45.70	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		39.11	29.2	PASS
7	10	21100	12	#Max	QAM16		39.84	32.2	PASS
7	10	21100	12	#Max	QAM16		52.01	35.2	PASS
7	10	21100	50	#0	QAM16		43.04	35.2	PASS
7	10	21100	50	#0	QAM16		40.15	32.2	PASS
7	10	21100	50	#0	QAM16		37.60	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		38.72	29.2	PASS
7	10	21100	50	#0	QAM16		41.28	32.2	PASS
7	10	21100	50	#0	QAM16		43.94	35.2	PASS
7	10	21400	12	#0	QPSK		52.04	35.2	PASS
7	10	21400	12	#0	QPSK		37.20	32.2	PASS
7	10	21400	12	#0	QPSK		36.65	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		46.80	29.2	PASS
7	10	21400	12	#0	QPSK		51.03	32.2	PASS
7	10	21400	12	#0	QPSK		50.81	35.2	PASS
7	10	21400	12	#Max	QPSK		49.45	35.2	PASS
7	10	21400	12	#Max	QPSK		49.92	32.2	PASS
7	10	21400	12	#Max	QPSK		45.50	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		36.95	29.2	PASS
7	10	21400	12	#Max	QPSK		37.54	32.2	PASS
7	10	21400	12	#Max	QPSK		52.75	35.2	PASS
7	10	21400	50	#0	QPSK		42.74	35.2	PASS
7	10	21400	50	#0	QPSK		38.14	32.2	PASS
7	10	21400	50	#0	QPSK		36.22	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		38.47	29.2	PASS
7	10	21400	50	#0	QPSK		40.44	32.2	PASS
7	10	21400	50	#0	QPSK		44.78	35.2	PASS
7	10	21400	12	#0	QAM16		51.46	35.2	PASS
7	10	21400	12	#0	QAM16		38.76	32.2	PASS
7	10	21400	12	#0	QAM16		38.06	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		46.74	29.2	PASS
7	10	21400	12	#0	QAM16		50.83	32.2	PASS
7	10	21400	12	#0	QAM16		50.85	35.2	PASS
7	10	21400	12	#Max	QAM16		49.48	35.2	PASS
7	10	21400	12	#Max	QAM16		50.15	32.2	PASS

7	10	21400	12	#Max	QAM16		45.64	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		37.95	29.2	PASS
7	10	21400	12	#Max	QAM16		38.78	32.2	PASS
7	10	21400	12	#Max	QAM16		52.26	35.2	PASS
7	10	21400	50	#0	QAM16		43.10	35.2	PASS
7	10	21400	50	#0	QAM16		38.85	32.2	PASS
7	10	21400	50	#0	QAM16		36.76	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		38.65	29.2	PASS
7	10	21400	50	#0	QAM16		40.66	32.2	PASS
7	10	21400	50	#0	QAM16		44.98	35.2	PASS
7	20	20850	18	#0	QPSK		50.14	35.2	PASS
7	20	20850	18	#0	QPSK		41.63	32.2	PASS
7	20	20850	18	#0	QPSK		41.20	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		43.36	29.2	PASS
7	20	20850	18	#0	QPSK		52.13	32.2	PASS
7	20	20850	18	#0	QPSK		51.37	35.2	PASS
7	20	20850	18	#Max	QPSK		51.10	35.2	PASS
7	20	20850	18	#Max	QPSK		51.88	32.2	PASS
7	20	20850	18	#Max	QPSK		44.97	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		40.41	29.2	PASS
7	20	20850	18	#Max	QPSK		40.81	32.2	PASS
7	20	20850	18	#Max	QPSK		50.03	35.2	PASS
7	20	20850	100	#0	QPSK		46.63	35.2	PASS
7	20	20850	100	#0	QPSK		45.04	32.2	PASS
7	20	20850	100	#0	QPSK		40.58	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		38.68	29.2	PASS
7	20	20850	100	#0	QPSK		44.37	32.2	PASS
7	20	20850	100	#0	QPSK		45.08	35.2	PASS
7	20	20850	18	#0	QAM16		49.30	35.2	PASS
7	20	20850	18	#0	QAM16		41.47	32.2	PASS
7	20	20850	18	#0	QAM16		40.70	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		42.88	29.2	PASS
7	20	20850	18	#0	QAM16		51.10	32.2	PASS
7	20	20850	18	#0	QAM16		50.72	35.2	PASS
7	20	20850	18	#Max	QAM16		50.23	35.2	PASS
7	20	20850	18	#Max	QAM16		50.90	32.2	PASS
7	20	20850	18	#Max	QAM16		44.21	29.2	PASS

7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		40.19	29.2	PASS
7	20	20850	18	#Max	QAM16		40.97	32.2	PASS
7	20	20850	18	#Max	QAM16		49.50	35.2	PASS
7	20	20850	100	#0	QAM16		45.23	35.2	PASS
7	20	20850	100	#0	QAM16		43.63	32.2	PASS
7	20	20850	100	#0	QAM16		39.41	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		37.86	29.2	PASS
7	20	20850	100	#0	QAM16		43.32	32.2	PASS
7	20	20850	100	#0	QAM16		43.78	35.2	PASS
7	20	21100	18	#0	QPSK		50.69	35.2	PASS
7	20	21100	18	#0	QPSK		39.54	32.2	PASS
7	20	21100	18	#0	QPSK		39.80	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		45.19	29.2	PASS
7	20	21100	18	#0	QPSK		53.59	32.2	PASS
7	20	21100	18	#0	QPSK		52.94	35.2	PASS
7	20	21100	18	#Max	QPSK		51.96	35.2	PASS
7	20	21100	18	#Max	QPSK		52.77	32.2	PASS
7	20	21100	18	#Max	QPSK		44.88	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		40.68	29.2	PASS
7	20	21100	18	#Max	QPSK		40.59	32.2	PASS
7	20	21100	18	#Max	QPSK		51.53	35.2	PASS
7	20	21100	100	#0	QPSK		44.13	35.2	PASS
7	20	21100	100	#0	QPSK		42.87	32.2	PASS
7	20	21100	100	#0	QPSK		37.69	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		39.47	29.2	PASS
7	20	21100	100	#0	QPSK		45.08	32.2	PASS
7	20	21100	100	#0	QPSK		46.15	35.2	PASS
7	20	21100	18	#0	QAM16		49.94	35.2	PASS
7	20	21100	18	#0	QAM16		39.97	32.2	PASS
7	20	21100	18	#0	QAM16		39.90	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		44.69	29.2	PASS
7	20	21100	18	#0	QAM16		52.50	32.2	PASS
7	20	21100	18	#0	QAM16		52.24	35.2	PASS
7	20	21100	18	#Max	QAM16		51.03	35.2	PASS
7	20	21100	18	#Max	QAM16		51.89	32.2	PASS
7	20	21100	18	#Max	QAM16		44.20	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS

7	20	21100	18	#Max	QAM16		40.65	29.2	PASS
7	20	21100	18	#Max	QAM16		40.93	32.2	PASS
7	20	21100	18	#Max	QAM16		50.84	35.2	PASS
7	20	21100	100	#0	QAM16		43.94	35.2	PASS
7	20	21100	100	#0	QAM16		42.47	32.2	PASS
7	20	21100	100	#0	QAM16		37.65	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		38.82	29.2	PASS
7	20	21100	100	#0	QAM16		44.18	32.2	PASS
7	20	21100	100	#0	QAM16		45.01	35.2	PASS
7	20	21350	18	#0	QPSK		50.42	35.2	PASS
7	20	21350	18	#0	QPSK		40.02	32.2	PASS
7	20	21350	18	#0	QPSK		40.29	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		45.42	29.2	PASS
7	20	21350	18	#0	QPSK		53.54	32.2	PASS
7	20	21350	18	#0	QPSK		53.08	35.2	PASS
7	20	21350	18	#Max	QPSK		51.69	35.2	PASS
7	20	21350	18	#Max	QPSK		53.04	32.2	PASS
7	20	21350	18	#Max	QPSK		44.16	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		39.59	29.2	PASS
7	20	21350	18	#Max	QPSK		38.37	32.2	PASS
7	20	21350	18	#Max	QPSK		51.88	35.2	PASS
7	20	21350	100	#0	QPSK		42.76	35.2	PASS
7	20	21350	100	#0	QPSK		41.16	32.2	PASS
7	20	21350	100	#0	QPSK		36.31	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		39.36	29.2	PASS
7	20	21350	100	#0	QPSK		43.31	32.2	PASS
7	20	21350	100	#0	QPSK		45.83	35.2	PASS
7	20	21350	18	#0	QAM16		49.68	35.2	PASS
7	20	21350	18	#0	QAM16		40.66	32.2	PASS
7	20	21350	18	#0	QAM16		40.31	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		44.81	29.2	PASS
7	20	21350	18	#0	QAM16		52.58	32.2	PASS
7	20	21350	18	#0	QAM16		52.35	35.2	PASS
7	20	21350	18	#Max	QAM16		51.18	35.2	PASS
7	20	21350	18	#Max	QAM16		52.03	32.2	PASS
7	20	21350	18	#Max	QAM16		43.98	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		40.14	29.2	PASS

7	20	21350	18	#Max	QAM16		39.62	32.2	PASS
7	20	21350	18	#Max	QAM16		51.35	35.2	PASS
7	20	21350	100	#0	QAM16		43.23	35.2	PASS
7	20	21350	100	#0	QAM16		42.14	32.2	PASS
7	20	21350	100	#0	QAM16		37.03	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		39.56	29.2	PASS
7	20	21350	100	#0	QAM16		43.80	32.2	PASS
7	20	21350	100	#0	QAM16		45.94	35.2	PASS
8	1.4	21457	5	#0	QPSK		46.17	32.2	PASS
8	1.4	21457	5	#0	QPSK		39.93	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		42.09	29.2	PASS
8	1.4	21457	5	#0	QPSK		48.27	32.2	PASS
8	1.4	21457	5	#Max	QPSK		48.56	32.2	PASS
8	1.4	21457	5	#Max	QPSK		42.97	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		39.06	29.2	PASS
8	1.4	21457	5	#Max	QPSK		45.52	32.2	PASS
8	1.4	21457	6	#0	QPSK		47.59	32.2	PASS
8	1.4	21457	6	#0	QPSK		45.56	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		45.00	29.2	PASS
8	1.4	21457	6	#0	QPSK		47.58	32.2	PASS
8	1.4	21457	5	#0	QAM16		47.50	32.2	PASS
8	1.4	21457	5	#0	QAM16		42.45	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		44.86	29.2	PASS
8	1.4	21457	5	#0	QAM16		49.07	32.2	PASS
8	1.4	21457	5	#Max	QAM16		49.18	32.2	PASS
8	1.4	21457	5	#Max	QAM16		45.37	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		41.85	29.2	PASS
8	1.4	21457	5	#Max	QAM16		47.19	32.2	PASS
8	1.4	21457	6	#0	QAM16		48.00	32.2	PASS
8	1.4	21457	6	#0	QAM16		47.68	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		46.68	29.2	PASS
8	1.4	21457	6	#0	QAM16		47.82	32.2	PASS
8	1.4	21625	5	#0	QPSK		49.43	32.2	PASS
8	1.4	21625	5	#0	QPSK		48.88	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		48.51	29.2	PASS

8	1.4	21625	5	#0	QPSK		49.45	32.2	PASS
8	1.4	21625	5	#Max	QPSK		50.14	32.2	PASS
8	1.4	21625	5	#Max	QPSK		49.75	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		47.69	29.2	PASS
8	1.4	21625	5	#Max	QPSK		48.77	32.2	PASS
8	1.4	21625	6	#0	QPSK		49.76	32.2	PASS
8	1.4	21625	6	#0	QPSK		51.69	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		49.92	29.2	PASS
8	1.4	21625	6	#0	QPSK		49.17	32.2	PASS
8	1.4	21625	5	#0	QAM16		49.52	32.2	PASS
8	1.4	21625	5	#0	QAM16		49.54	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		49.16	29.2	PASS
8	1.4	21625	5	#0	QAM16		49.43	32.2	PASS
8	1.4	21625	5	#Max	QAM16		50.03	32.2	PASS
8	1.4	21625	5	#Max	QAM16		50.13	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		48.36	29.2	PASS
8	1.4	21625	5	#Max	QAM16		48.83	32.2	PASS
8	1.4	21625	6	#0	QAM16		49.08	32.2	PASS
8	1.4	21625	6	#0	QAM16		50.85	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		49.51	29.2	PASS
8	1.4	21625	6	#0	QAM16		48.50	32.2	PASS
8	1.4	21793	5	#0	QPSK		48.81	32.2	PASS
8	1.4	21793	5	#0	QPSK		46.25	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		46.45	29.2	PASS
8	1.4	21793	5	#0	QPSK		49.77	32.2	PASS
8	1.4	21793	5	#Max	QPSK		49.75	32.2	PASS
8	1.4	21793	5	#Max	QPSK		47.05	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		43.79	29.2	PASS
8	1.4	21793	5	#Max	QPSK		48.25	32.2	PASS
8	1.4	21793	6	#0	QPSK		49.90	32.2	PASS
8	1.4	21793	6	#0	QPSK		50.21	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		47.30	29.2	PASS
8	1.4	21793	6	#0	QPSK		49.12	32.2	PASS
8	1.4	21793	5	#0	QAM16		49.89	32.2	PASS
8	1.4	21793	5	#0	QAM16		49.18	29.2	PASS

8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		48.75	29.2	PASS
8	1.4	21793	5	#0	QAM16		50.28	32.2	PASS
8	1.4	21793	5	#Max	QAM16		50.39	32.2	PASS
8	1.4	21793	5	#Max	QAM16		50.13	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		46.88	29.2	PASS
8	1.4	21793	5	#Max	QAM16		49.45	32.2	PASS
8	1.4	21793	6	#0	QAM16		49.53	32.2	PASS
8	1.4	21793	6	#0	QAM16		50.84	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		48.18	29.2	PASS
8	1.4	21793	6	#0	QAM16		49.08	32.2	PASS
8	5	21475	8	#0	QPSK		52.89	35.2	PASS
8	5	21475	8	#0	QPSK		43.43	32.2	PASS
8	5	21475	8	#0	QPSK		40.33	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.04	29.2	PASS
8	5	21475	8	#0	QPSK		50.61	32.2	PASS
8	5	21475	8	#0	QPSK		53.17	35.2	PASS
8	5	21475	8	#Max	QPSK		52.91	35.2	PASS
8	5	21475	8	#Max	QPSK		49.95	32.2	PASS
8	5	21475	8	#Max	QPSK		49.43	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		39.91	29.2	PASS
8	5	21475	8	#Max	QPSK		43.04	32.2	PASS
8	5	21475	8	#Max	QPSK		53.01	35.2	PASS
8	5	21475	25	#0	QPSK		51.87	35.2	PASS
8	5	21475	25	#0	QPSK		43.80	32.2	PASS
8	5	21475	25	#0	QPSK		42.82	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		42.77	29.2	PASS
8	5	21475	25	#0	QPSK		43.75	32.2	PASS
8	5	21475	25	#0	QPSK		51.74	35.2	PASS
8	5	21475	8	#0	QAM16		51.90	35.2	PASS
8	5	21475	8	#0	QAM16		46.11	32.2	PASS
8	5	21475	8	#0	QAM16		43.52	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		49.63	29.2	PASS
8	5	21475	8	#0	QAM16		50.27	32.2	PASS
8	5	21475	8	#0	QAM16		52.18	35.2	PASS
8	5	21475	8	#Max	QAM16		51.92	35.2	PASS
8	5	21475	8	#Max	QAM16		49.72	32.2	PASS

8	5	21475	8	#Max	QAM16		49.15	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS
8	5	21475	8	#Max	QAM16		42.78	29.2	PASS
8	5	21475	8	#Max	QAM16		45.64	32.2	PASS
8	5	21475	8	#Max	QAM16		52.13	35.2	PASS
8	5	21475	25	#0	QAM16		50.79	35.2	PASS
8	5	21475	25	#0	QAM16		44.86	32.2	PASS
8	5	21475	25	#0	QAM16		43.95	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		43.83	29.2	PASS
8	5	21475	25	#0	QAM16		44.77	32.2	PASS
8	5	21475	25	#0	QAM16		50.86	35.2	PASS
8	5	21625	8	#0	QPSK		53.75	35.2	PASS
8	5	21625	8	#0	QPSK		49.39	32.2	PASS
8	5	21625	8	#0	QPSK		46.60	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		47.81	29.2	PASS
8	5	21625	8	#0	QPSK		48.23	32.2	PASS
8	5	21625	8	#0	QPSK		54.37	35.2	PASS
8	5	21625	8	#Max	QPSK		54.14	35.2	PASS
8	5	21625	8	#Max	QPSK		50.33	32.2	PASS
8	5	21625	8	#Max	QPSK		49.84	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		46.84	29.2	PASS
8	5	21625	8	#Max	QPSK		49.92	32.2	PASS
8	5	21625	8	#Max	QPSK		54.26	35.2	PASS
8	5	21625	25	#0	QPSK		52.19	35.2	PASS
8	5	21625	25	#0	QPSK		47.95	32.2	PASS
8	5	21625	25	#0	QPSK		47.07	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		47.99	29.2	PASS
8	5	21625	25	#0	QPSK		49.02	32.2	PASS
8	5	21625	25	#0	QPSK		52.47	35.2	PASS
8	5	21625	8	#0	QAM16		52.92	35.2	PASS
8	5	21625	8	#0	QAM16		49.30	32.2	PASS
8	5	21625	8	#0	QAM16		46.49	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		47.90	29.2	PASS
8	5	21625	8	#0	QAM16		48.35	32.2	PASS
8	5	21625	8	#0	QAM16		53.46	35.2	PASS
8	5	21625	8	#Max	QAM16		53.23	35.2	PASS
8	5	21625	8	#Max	QAM16		50.31	32.2	PASS
8	5	21625	8	#Max	QAM16		49.76	29.2	PASS

8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		47.87	29.2	PASS
8	5	21625	8	#Max	QAM16		49.79	32.2	PASS
8	5	21625	8	#Max	QAM16		53.39	35.2	PASS
8	5	21625	25	#0	QAM16		51.27	35.2	PASS
8	5	21625	25	#0	QAM16		48.03	32.2	PASS
8	5	21625	25	#0	QAM16		47.03	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		47.67	29.2	PASS
8	5	21625	25	#0	QAM16		48.73	32.2	PASS
8	5	21625	25	#0	QAM16		51.60	35.2	PASS
8	5	21775	8	#0	QPSK		52.88	35.2	PASS
8	5	21775	8	#0	QPSK		46.93	32.2	PASS
8	5	21775	8	#0	QPSK		44.60	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		48.17	29.2	PASS
8	5	21775	8	#0	QPSK		48.56	32.2	PASS
8	5	21775	8	#0	QPSK		53.86	35.2	PASS
8	5	21775	8	#Max	QPSK		53.35	35.2	PASS
8	5	21775	8	#Max	QPSK		49.02	32.2	PASS
8	5	21775	8	#Max	QPSK		48.59	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		44.03	29.2	PASS
8	5	21775	8	#Max	QPSK		46.56	32.2	PASS
8	5	21775	8	#Max	QPSK		53.85	35.2	PASS
8	5	21775	25	#0	QPSK		51.35	35.2	PASS
8	5	21775	25	#0	QPSK		45.06	32.2	PASS
8	5	21775	25	#0	QPSK		44.29	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		46.35	29.2	PASS
8	5	21775	25	#0	QPSK		47.30	32.2	PASS
8	5	21775	25	#0	QPSK		52.91	35.2	PASS
8	5	21775	8	#0	QAM16		52.07	35.2	PASS
8	5	21775	8	#0	QAM16		47.32	32.2	PASS
8	5	21775	8	#0	QAM16		45.00	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		47.99	29.2	PASS
8	5	21775	8	#0	QAM16		48.43	32.2	PASS
8	5	21775	8	#0	QAM16		52.91	35.2	PASS
8	5	21775	8	#Max	QAM16		52.35	35.2	PASS
8	5	21775	8	#Max	QAM16		48.91	32.2	PASS
8	5	21775	8	#Max	QAM16		48.41	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS

8	5	21775	8	#Max	QAM16		45.35	29.2	PASS
8	5	21775	8	#Max	QAM16		47.49	32.2	PASS
8	5	21775	8	#Max	QAM16		52.79	35.2	PASS
8	5	21775	25	#0	QAM16		50.54	35.2	PASS
8	5	21775	25	#0	QAM16		45.18	32.2	PASS
8	5	21775	25	#0	QAM16		44.34	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		46.29	29.2	PASS
8	5	21775	25	#0	QAM16		47.15	32.2	PASS
8	5	21775	25	#0	QAM16		51.91	35.2	PASS
8	10	21500	12	#0	QPSK		52.68	35.2	PASS
8	10	21500	12	#0	QPSK		43.40	32.2	PASS
8	10	21500	12	#0	QPSK		42.48	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		48.15	29.2	PASS
8	10	21500	12	#0	QPSK		52.13	32.2	PASS
8	10	21500	12	#0	QPSK		51.94	35.2	PASS
8	10	21500	12	#Max	QPSK		52.66	35.2	PASS
8	10	21500	12	#Max	QPSK		51.62	32.2	PASS
8	10	21500	12	#Max	QPSK		48.24	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		43.04	29.2	PASS
8	10	21500	12	#Max	QPSK		44.04	32.2	PASS
8	10	21500	12	#Max	QPSK		53.07	35.2	PASS
8	10	21500	50	#0	QPSK		50.99	35.2	PASS
8	10	21500	50	#0	QPSK		43.22	32.2	PASS
8	10	21500	50	#0	QPSK		41.93	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		42.76	29.2	PASS
8	10	21500	50	#0	QPSK		45.20	32.2	PASS
8	10	21500	50	#0	QPSK		48.14	35.2	PASS
8	10	21500	12	#0	QAM16		51.79	35.2	PASS
8	10	21500	12	#0	QAM16		44.87	32.2	PASS
8	10	21500	12	#0	QAM16		43.49	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		47.50	29.2	PASS
8	10	21500	12	#0	QAM16		51.32	32.2	PASS
8	10	21500	12	#0	QAM16		51.40	35.2	PASS
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8	10	21500	12	#Max	QAM16		50.93	32.2	PASS
8	10	21500	12	#Max	QAM16		47.44	29.2	PASS
8	10	21500	12	#Max	QAM16		0.00	0	PASS
8	10	21500	12	#Max	QAM16		43.77	29.2	PASS

8	10	21500	12	#Max	QAM16		45.15	32.2	PASS
8	10	21500	12	#Max	QAM16		52.19	35.2	PASS
8	10	21500	50	#0	QAM16		50.46	35.2	PASS
8	10	21500	50	#0	QAM16		43.78	32.2	PASS
8	10	21500	50	#0	QAM16		42.34	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		42.78	29.2	PASS
8	10	21500	50	#0	QAM16		45.17	32.2	PASS
8	10	21500	50	#0	QAM16		48.28	35.2	PASS
8	10	21625	12	#0	QPSK		53.34	35.2	PASS
8	10	21625	12	#0	QPSK		48.35	32.2	PASS
8	10	21625	12	#0	QPSK		46.66	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		47.84	29.2	PASS
8	10	21625	12	#0	QPSK		51.87	32.2	PASS
8	10	21625	12	#0	QPSK		52.04	35.2	PASS
8	10	21625	12	#Max	QPSK		52.22	35.2	PASS
8	10	21625	12	#Max	QPSK		52.72	32.2	PASS
8	10	21625	12	#Max	QPSK		48.49	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		46.42	29.2	PASS
8	10	21625	12	#Max	QPSK		47.83	32.2	PASS
8	10	21625	12	#Max	QPSK		54.29	35.2	PASS
8	10	21625	50	#0	QPSK		50.45	35.2	PASS
8	10	21625	50	#0	QPSK		48.06	32.2	PASS
8	10	21625	50	#0	QPSK		45.35	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		46.67	29.2	PASS
8	10	21625	50	#0	QPSK		49.30	32.2	PASS
8	10	21625	50	#0	QPSK		51.83	35.2	PASS
8	10	21625	12	#0	QAM16		52.53	35.2	PASS
8	10	21625	12	#0	QAM16		48.44	32.2	PASS
8	10	21625	12	#0	QAM16		46.46	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.55	29.2	PASS
8	10	21625	12	#0	QAM16		51.40	32.2	PASS
8	10	21625	12	#0	QAM16		51.71	35.2	PASS
8	10	21625	12	#Max	QAM16		51.70	35.2	PASS
8	10	21625	12	#Max	QAM16		52.10	32.2	PASS
8	10	21625	12	#Max	QAM16		48.01	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		46.76	29.2	PASS
8	10	21625	12	#Max	QAM16		48.46	32.2	PASS

8	10	21625	12	#Max	QAM16		53.48	35.2	PASS
8	10	21625	50	#0	QAM16		49.62	35.2	PASS
8	10	21625	50	#0	QAM16		47.32	32.2	PASS
8	10	21625	50	#0	QAM16		44.61	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		45.57	29.2	PASS
8	10	21625	50	#0	QAM16		48.19	32.2	PASS
8	10	21625	50	#0	QAM16		50.76	35.2	PASS
8	10	21750	12	#0	QPSK		52.74	35.2	PASS
8	10	21750	12	#0	QPSK		43.33	32.2	PASS
8	10	21750	12	#0	QPSK		42.36	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		49.57	29.2	PASS
8	10	21750	12	#0	QPSK		52.70	32.2	PASS
8	10	21750	12	#0	QPSK		53.84	35.2	PASS
8	10	21750	12	#Max	QPSK		50.14	35.2	PASS
8	10	21750	12	#Max	QPSK		50.61	32.2	PASS
8	10	21750	12	#Max	QPSK		46.21	29.2	PASS
8	10	21750	12	#Max	QPSK		0.00	0	PASS
8	10	21750	12	#Max	QPSK		45.53	29.2	PASS
8	10	21750	12	#Max	QPSK		46.64	32.2	PASS
8	10	21750	12	#Max	QPSK		53.89	35.2	PASS
8	10	21750	50	#0	QPSK		46.47	35.2	PASS
8	10	21750	50	#0	QPSK		41.37	32.2	PASS
8	10	21750	50	#0	QPSK		39.42	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		46.05	29.2	PASS
8	10	21750	50	#0	QPSK		47.55	32.2	PASS
8	10	21750	50	#0	QPSK		52.99	35.2	PASS
8	10	21750	12	#0	QAM16		51.79	35.2	PASS
8	10	21750	12	#0	QAM16		44.94	32.2	PASS
8	10	21750	12	#0	QAM16		43.53	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		48.67	29.2	PASS
8	10	21750	12	#0	QAM16		51.89	32.2	PASS
8	10	21750	12	#0	QAM16		52.83	35.2	PASS
8	10	21750	12	#Max	QAM16		49.85	35.2	PASS
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8	10	21750	12	#Max	QAM16		45.87	29.2	PASS
8	10	21750	12	#Max	QAM16		0.00	0	PASS
8	10	21750	12	#Max	QAM16		45.26	29.2	PASS
8	10	21750	12	#Max	QAM16		46.66	32.2	PASS
8	10	21750	12	#Max	QAM16		52.92	35.2	PASS

8	10	21750	50	#0	QAM16		47.75	35.2	PASS
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8	10	21750	50	#0	QAM16		40.50	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		46.28	29.2	PASS
8	10	21750	50	#0	QAM16		48.28	32.2	PASS
8	10	21750	50	#0	QAM16		52.03	35.2	PASS
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20	5	24175	8	#0	QPSK		40.76	29.2	PASS
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20	5	24175	8	#0	QPSK		46.04	29.2	PASS
20	5	24175	8	#0	QPSK		46.36	32.2	PASS
20	5	24175	8	#0	QPSK		52.57	35.2	PASS
20	5	24175	8	#Max	QPSK		52.33	35.2	PASS
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20	5	24175	8	#Max	QPSK		47.73	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
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20	5	24175	8	#Max	QPSK		46.13	32.2	PASS
20	5	24175	8	#Max	QPSK		52.33	35.2	PASS
20	5	24175	25	#0	QPSK		51.44	35.2	PASS
20	5	24175	25	#0	QPSK		45.65	32.2	PASS
20	5	24175	25	#0	QPSK		44.63	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		43.26	29.2	PASS
20	5	24175	25	#0	QPSK		44.09	32.2	PASS
20	5	24175	25	#0	QPSK		49.63	35.2	PASS
20	5	24175	8	#0	QAM16		51.29	35.2	PASS
20	5	24175	8	#0	QAM16		45.67	32.2	PASS
20	5	24175	8	#0	QAM16		43.50	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
20	5	24175	8	#0	QAM16		46.43	29.2	PASS
20	5	24175	8	#0	QAM16		46.82	32.2	PASS
20	5	24175	8	#0	QAM16		51.52	35.2	PASS
20	5	24175	8	#Max	QAM16		51.32	35.2	PASS
20	5	24175	8	#Max	QAM16		48.24	32.2	PASS
20	5	24175	8	#Max	QAM16		47.73	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
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20	5	24175	8	#Max	QAM16		46.32	32.2	PASS
20	5	24175	8	#Max	QAM16		51.39	35.2	PASS
20	5	24175	25	#0	QAM16		50.52	35.2	PASS

20	5	24175	25	#0	QAM16	45.90	32.2	PASS
20	5	24175	25	#0	QAM16	44.95	29.2	PASS
20	5	24175	25	#0	QAM16	0.00	0	PASS
20	5	24175	25	#0	QAM16	42.12	29.2	PASS
20	5	24175	25	#0	QAM16	42.96	32.2	PASS
20	5	24175	25	#0	QAM16	49.08	35.2	PASS
20	5	24300	8	#0	QPSK	53.35	35.2	PASS
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20	5	24300	8	#0	QPSK	44.66	29.2	PASS
20	5	24300	8	#0	QPSK	0.00	0	PASS
20	5	24300	8	#0	QPSK	48.95	29.2	PASS
20	5	24300	8	#0	QPSK	49.41	32.2	PASS
20	5	24300	8	#0	QPSK	53.75	35.2	PASS
20	5	24300	8	#Max	QPSK	53.47	35.2	PASS
20	5	24300	8	#Max	QPSK	46.99	32.2	PASS
20	5	24300	8	#Max	QPSK	46.67	29.2	PASS
20	5	24300	8	#Max	QPSK	0.00	0	PASS
20	5	24300	8	#Max	QPSK	45.03	29.2	PASS
20	5	24300	8	#Max	QPSK	47.78	32.2	PASS
20	5	24300	8	#Max	QPSK	53.34	35.2	PASS
20	5	24300	25	#0	QPSK	51.90	35.2	PASS
20	5	24300	25	#0	QPSK	45.61	32.2	PASS
20	5	24300	25	#0	QPSK	44.76	29.2	PASS
20	5	24300	25	#0	QPSK	0.00	0	PASS
20	5	24300	25	#0	QPSK	45.69	29.2	PASS
20	5	24300	25	#0	QPSK	46.65	32.2	PASS
20	5	24300	25	#0	QPSK	51.67	35.2	PASS
20	5	24300	8	#0	QAM16	52.42	35.2	PASS
20	5	24300	8	#0	QAM16	47.85	32.2	PASS
20	5	24300	8	#0	QAM16	45.47	29.2	PASS
20	5	24300	8	#0	QAM16	0.00	0	PASS
20	5	24300	8	#0	QAM16	48.88	29.2	PASS
20	5	24300	8	#0	QAM16	49.38	32.2	PASS
20	5	24300	8	#0	QAM16	52.85	35.2	PASS
20	5	24300	8	#Max	QAM16	52.44	35.2	PASS
20	5	24300	8	#Max	QAM16	47.35	32.2	PASS
20	5	24300	8	#Max	QAM16	46.96	29.2	PASS
20	5	24300	8	#Max	QAM16	0.00	0	PASS
20	5	24300	8	#Max	QAM16	46.05	29.2	PASS
20	5	24300	8	#Max	QAM16	48.20	32.2	PASS
20	5	24300	8	#Max	QAM16	52.53	35.2	PASS
20	5	24300	25	#0	QAM16	51.11	35.2	PASS
20	5	24300	25	#0	QAM16	46.53	32.2	PASS

20	5	24300	25	#0	QAM16		45.45	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS
20	5	24300	25	#0	QAM16		45.65	29.2	PASS
20	5	24300	25	#0	QAM16		46.58	32.2	PASS
20	5	24300	25	#0	QAM16		50.99	35.2	PASS
20	5	24425	8	#0	QPSK		53.28	35.2	PASS
20	5	24425	8	#0	QPSK		49.29	32.2	PASS
20	5	24425	8	#0	QPSK		47.58	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		48.81	29.2	PASS
20	5	24425	8	#0	QPSK		49.28	32.2	PASS
20	5	24425	8	#0	QPSK		53.70	35.2	PASS
20	5	24425	8	#Max	QPSK		53.42	35.2	PASS
20	5	24425	8	#Max	QPSK		48.58	32.2	PASS
20	5	24425	8	#Max	QPSK		48.15	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		45.57	29.2	PASS
20	5	24425	8	#Max	QPSK		48.42	32.2	PASS
20	5	24425	8	#Max	QPSK		53.62	35.2	PASS
20	5	24425	25	#0	QPSK		51.30	35.2	PASS
20	5	24425	25	#0	QPSK		48.16	32.2	PASS
20	5	24425	25	#0	QPSK		47.22	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		46.32	29.2	PASS
20	5	24425	25	#0	QPSK		47.44	32.2	PASS
20	5	24425	25	#0	QPSK		52.27	35.2	PASS
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20	5	24425	8	#0	QAM16		46.45	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		48.78	29.2	PASS
20	5	24425	8	#0	QAM16		49.31	32.2	PASS
20	5	24425	8	#0	QAM16		52.78	35.2	PASS
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20	5	24425	8	#Max	QAM16		48.05	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		46.35	29.2	PASS
20	5	24425	8	#Max	QAM16		48.55	32.2	PASS
20	5	24425	8	#Max	QAM16		52.72	35.2	PASS
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20	5	24425	25	#0	QAM16		45.69	29.2	PASS

20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		45.98	29.2	PASS
20	5	24425	25	#0	QAM16		46.92	32.2	PASS
20	5	24425	25	#0	QAM16		51.30	35.2	PASS
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20	10	24200	12	#0	QPSK		42.85	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		46.34	29.2	PASS
20	10	24200	12	#0	QPSK		50.42	32.2	PASS
20	10	24200	12	#0	QPSK		50.38	35.2	PASS
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20	10	24200	12	#Max	QPSK		52.05	32.2	PASS
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20	10	24200	12	#Max	QPSK		0.00	0	PASS
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20	10	24200	12	#Max	QPSK		52.57	35.2	PASS
20	10	24200	50	#0	QPSK		51.31	35.2	PASS
20	10	24200	50	#0	QPSK		48.09	32.2	PASS
20	10	24200	50	#0	QPSK		45.81	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		42.93	29.2	PASS
20	10	24200	50	#0	QPSK		46.31	32.2	PASS
20	10	24200	50	#0	QPSK		47.14	35.2	PASS
20	10	24200	12	#0	QAM16		51.23	35.2	PASS
20	10	24200	12	#0	QAM16		44.95	32.2	PASS
20	10	24200	12	#0	QAM16		43.48	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		45.94	29.2	PASS
20	10	24200	12	#0	QAM16		49.81	32.2	PASS
20	10	24200	12	#0	QAM16		50.07	35.2	PASS
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20	10	24200	12	#Max	QAM16		47.49	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		44.84	29.2	PASS
20	10	24200	12	#Max	QAM16		46.55	32.2	PASS
20	10	24200	12	#Max	QAM16		51.59	35.2	PASS
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20	10	24200	50	#0	QAM16		0.00	0	PASS

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20	10	24200	50	#0	QAM16		46.95	35.2	PASS
20	10	24300	12	#0	QPSK		53.03	35.2	PASS
20	10	24300	12	#0	QPSK		45.85	32.2	PASS
20	10	24300	12	#0	QPSK		44.65	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
20	10	24300	12	#0	QPSK		47.31	29.2	PASS
20	10	24300	12	#0	QPSK		51.71	32.2	PASS
20	10	24300	12	#0	QPSK		51.12	35.2	PASS
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20	10	24300	12	#Max	QPSK		53.33	35.2	PASS
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20	10	24300	50	#0	QPSK		44.37	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		44.82	29.2	PASS
20	10	24300	50	#0	QPSK		48.07	32.2	PASS
20	10	24300	50	#0	QPSK		48.90	35.2	PASS
20	10	24300	12	#0	QAM16		52.17	35.2	PASS
20	10	24300	12	#0	QAM16		46.20	32.2	PASS
20	10	24300	12	#0	QAM16		44.74	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		47.01	29.2	PASS
20	10	24300	12	#0	QAM16		51.10	32.2	PASS
20	10	24300	12	#0	QAM16		50.90	35.2	PASS
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20	10	24300	12	#Max	QAM16		46.07	29.2	PASS
20	10	24300	12	#Max	QAM16		0.00	0	PASS
20	10	24300	12	#Max	QAM16		46.01	29.2	PASS
20	10	24300	12	#Max	QAM16		47.76	32.2	PASS
20	10	24300	12	#Max	QAM16		52.48	35.2	PASS
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20	10	24300	50	#0	QAM16		43.70	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		43.81	29.2	PASS

20	10	24300	50	#0	QAM16		46.65	32.2	PASS
20	10	24300	50	#0	QAM16		48.56	35.2	PASS
20	10	24400	12	#0	QPSK		52.89	35.2	PASS
20	10	24400	12	#0	QPSK		49.40	32.2	PASS
20	10	24400	12	#0	QPSK		47.29	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		46.57	29.2	PASS
20	10	24400	12	#0	QPSK		50.83	32.2	PASS
20	10	24400	12	#0	QPSK		50.62	35.2	PASS
20	10	24400	12	#Max	QPSK		51.12	35.2	PASS
20	10	24400	12	#Max	QPSK		51.71	32.2	PASS
20	10	24400	12	#Max	QPSK		47.36	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
20	10	24400	12	#Max	QPSK		46.88	29.2	PASS
20	10	24400	12	#Max	QPSK		48.55	32.2	PASS
20	10	24400	12	#Max	QPSK		53.50	35.2	PASS
20	10	24400	50	#0	QPSK		49.03	35.2	PASS
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20	10	24400	50	#0	QPSK		45.05	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		44.95	29.2	PASS
20	10	24400	50	#0	QPSK		47.48	32.2	PASS
20	10	24400	50	#0	QPSK		50.17	35.2	PASS
20	10	24400	12	#0	QAM16		51.97	35.2	PASS
20	10	24400	12	#0	QAM16		48.72	32.2	PASS
20	10	24400	12	#0	QAM16		46.49	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		46.39	29.2	PASS
20	10	24400	12	#0	QAM16		50.50	32.2	PASS
20	10	24400	12	#0	QAM16		50.41	35.2	PASS
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20	10	24400	12	#Max	QAM16		51.03	32.2	PASS
20	10	24400	12	#Max	QAM16		46.88	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		46.47	29.2	PASS
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20	10	24400	12	#Max	QAM16		52.74	35.2	PASS
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20	10	24400	50	#0	QAM16		47.63	32.2	PASS
20	10	24400	50	#0	QAM16		44.35	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		44.39	29.2	PASS
20	10	24400	50	#0	QAM16		46.88	32.2	PASS

20	10	24400	50	#0	QAM16		49.67	35.2	PASS
20	20	24250	18	#0	QPSK		52.32	35.2	PASS
20	20	24250	18	#0	QPSK		46.47	32.2	PASS
20	20	24250	18	#0	QPSK		44.41	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		44.97	29.2	PASS
20	20	24250	18	#0	QPSK		52.71	32.2	PASS
20	20	24250	18	#0	QPSK		52.20	35.2	PASS
20	20	24250	18	#Max	QPSK		52.52	35.2	PASS
20	20	24250	18	#Max	QPSK		52.81	32.2	PASS
20	20	24250	18	#Max	QPSK		46.16	29.2	PASS
20	20	24250	18	#Max	QPSK		0.00	0	PASS
20	20	24250	18	#Max	QPSK		44.99	29.2	PASS
20	20	24250	18	#Max	QPSK		48.06	32.2	PASS
20	20	24250	18	#Max	QPSK		52.72	35.2	PASS
20	20	24250	100	#0	QPSK		51.42	35.2	PASS
20	20	24250	100	#0	QPSK		49.77	32.2	PASS
20	20	24250	100	#0	QPSK		44.63	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		43.20	29.2	PASS
20	20	24250	100	#0	QPSK		48.64	32.2	PASS
20	20	24250	100	#0	QPSK		49.57	35.2	PASS
20	20	24250	18	#0	QAM16		51.35	35.2	PASS
20	20	24250	18	#0	QAM16		46.52	32.2	PASS
20	20	24250	18	#0	QAM16		43.84	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		44.35	29.2	PASS
20	20	24250	18	#0	QAM16		51.75	32.2	PASS
20	20	24250	18	#0	QAM16		51.54	35.2	PASS
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20	20	24250	18	#Max	QAM16		45.11	29.2	PASS
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20	20	24250	18	#Max	QAM16		47.43	32.2	PASS
20	20	24250	18	#Max	QAM16		51.74	35.2	PASS
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20	20	24250	100	#0	QAM16		43.70	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		42.26	29.2	PASS
20	20	24250	100	#0	QAM16		47.57	32.2	PASS
20	20	24250	100	#0	QAM16		48.66	35.2	PASS

20	20	24300	18	#0	QPSK		52.14	35.2	PASS
20	20	24300	18	#0	QPSK		48.10	32.2	PASS
20	20	24300	18	#0	QPSK		44.67	29.2	PASS
20	20	24300	18	#0	QPSK		0.00	0	PASS
20	20	24300	18	#0	QPSK		45.32	29.2	PASS
20	20	24300	18	#0	QPSK		52.83	32.2	PASS
20	20	24300	18	#0	QPSK		52.72	35.2	PASS
20	20	24300	18	#Max	QPSK		52.52	35.2	PASS
20	20	24300	18	#Max	QPSK		52.81	32.2	PASS
20	20	24300	18	#Max	QPSK		46.27	29.2	PASS
20	20	24300	18	#Max	QPSK		0.00	0	PASS
20	20	24300	18	#Max	QPSK		45.54	29.2	PASS
20	20	24300	18	#Max	QPSK		49.63	32.2	PASS
20	20	24300	18	#Max	QPSK		52.79	35.2	PASS
20	20	24300	100	#0	QPSK		50.50	35.2	PASS
20	20	24300	100	#0	QPSK		48.69	32.2	PASS
20	20	24300	100	#0	QPSK		44.07	29.2	PASS
20	20	24300	100	#0	QPSK		0.00	0	PASS
20	20	24300	100	#0	QPSK		43.50	29.2	PASS
20	20	24300	100	#0	QPSK		48.86	32.2	PASS
20	20	24300	100	#0	QPSK		50.32	35.2	PASS
20	20	24300	18	#0	QAM16		51.13	35.2	PASS
20	20	24300	18	#0	QAM16		47.12	32.2	PASS
20	20	24300	18	#0	QAM16		43.80	29.2	PASS
20	20	24300	18	#0	QAM16		0.00	0	PASS
20	20	24300	18	#0	QAM16		44.66	29.2	PASS
20	20	24300	18	#0	QAM16		51.79	32.2	PASS
20	20	24300	18	#0	QAM16		51.89	35.2	PASS
20	20	24300	18	#Max	QAM16		51.56	35.2	PASS
20	20	24300	18	#Max	QAM16		51.81	32.2	PASS
20	20	24300	18	#Max	QAM16		45.28	29.2	PASS
20	20	24300	18	#Max	QAM16		0.00	0	PASS
20	20	24300	18	#Max	QAM16		44.62	29.2	PASS
20	20	24300	18	#Max	QAM16		48.51	32.2	PASS
20	20	24300	18	#Max	QAM16		51.91	35.2	PASS
20	20	24300	100	#0	QAM16		49.71	35.2	PASS
20	20	24300	100	#0	QAM16		48.38	32.2	PASS
20	20	24300	100	#0	QAM16		43.38	29.2	PASS
20	20	24300	100	#0	QAM16		0.00	0	PASS
20	20	24300	100	#0	QAM16		42.21	29.2	PASS
20	20	24300	100	#0	QAM16		47.43	32.2	PASS
20	20	24300	100	#0	QAM16		48.59	35.2	PASS
20	20	24350	18	#0	QPSK		52.14	35.2	PASS

20	20	24350	18	#0	QPSK	46.29	32.2	PASS
20	20	24350	18	#0	QPSK	44.12	29.2	PASS
20	20	24350	18	#0	QPSK	0.00	0	PASS
20	20	24350	18	#0	QPSK	45.94	29.2	PASS
20	20	24350	18	#0	QPSK	53.05	32.2	PASS
20	20	24350	18	#0	QPSK	52.87	35.2	PASS
20	20	24350	18	#Max	QPSK	52.18	35.2	PASS
20	20	24350	18	#Max	QPSK	52.63	32.2	PASS
20	20	24350	18	#Max	QPSK	45.77	29.2	PASS
20	20	24350	18	#Max	QPSK	0.00	0	PASS
20	20	24350	18	#Max	QPSK	45.74	29.2	PASS
20	20	24350	18	#Max	QPSK	49.36	32.2	PASS
20	20	24350	18	#Max	QPSK	53.16	35.2	PASS
20	20	24350	100	#0	QPSK	48.63	35.2	PASS
20	20	24350	100	#0	QPSK	47.77	32.2	PASS
20	20	24350	100	#0	QPSK	42.93	29.2	PASS
20	20	24350	100	#0	QPSK	0.00	0	PASS
20	20	24350	100	#0	QPSK	43.25	29.2	PASS
20	20	24350	100	#0	QPSK	49.21	32.2	PASS
20	20	24350	100	#0	QPSK	49.21	35.2	PASS
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20	20	24350	18	#0	QAM16	46.34	32.2	PASS
20	20	24350	18	#0	QAM16	43.68	29.2	PASS
20	20	24350	18	#0	QAM16	0.00	0	PASS
20	20	24350	18	#0	QAM16	45.24	29.2	PASS
20	20	24350	18	#0	QAM16	52.10	32.2	PASS
20	20	24350	18	#0	QAM16	52.10	35.2	PASS
20	20	24350	18	#Max	QAM16	51.28	35.2	PASS
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20	20	24350	18	#Max	QAM16	44.93	29.2	PASS
20	20	24350	18	#Max	QAM16	0.00	0	PASS
20	20	24350	18	#Max	QAM16	44.90	29.2	PASS
20	20	24350	18	#Max	QAM16	48.64	32.2	PASS
20	20	24350	18	#Max	QAM16	52.27	35.2	PASS
20	20	24350	100	#0	QAM16	48.42	35.2	PASS
20	20	24350	100	#0	QAM16	47.41	32.2	PASS
20	20	24350	100	#0	QAM16	42.54	29.2	PASS
20	20	24350	100	#0	QAM16	0.00	0	PASS
20	20	24350	100	#0	QAM16	42.08	29.2	PASS
20	20	24350	100	#0	QAM16	47.53	32.2	PASS
20	20	24350	100	#0	QAM16	47.84	35.2	PASS
1	5	18025	8	#0	QPSK	53.00	35.2	PASS
1	5	18025	8	#0	QPSK	36.62	32.2	PASS

1	5	18025	8	#0	QPSK		33.76	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		47.90	29.2	PASS
1	5	18025	8	#0	QPSK		48.36	32.2	PASS
1	5	18025	8	#0	QPSK		53.40	35.2	PASS
1	5	18025	8	#Max	QPSK		53.23	35.2	PASS
1	5	18025	8	#Max	QPSK		47.41	32.2	PASS
1	5	18025	8	#Max	QPSK		47.03	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		34.24	29.2	PASS
1	5	18025	8	#Max	QPSK		37.16	32.2	PASS
1	5	18025	8	#Max	QPSK		53.19	35.2	PASS
1	5	18025	25	#0	QPSK		48.40	35.2	PASS
1	5	18025	25	#0	QPSK		36.15	32.2	PASS
1	5	18025	25	#0	QPSK		35.37	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		36.05	29.2	PASS
1	5	18025	25	#0	QPSK		36.86	32.2	PASS
1	5	18025	25	#0	QPSK		48.78	35.2	PASS
1	5	18025	8	#0	QAM16		51.91	35.2	PASS
1	5	18025	8	#0	QAM16		38.62	32.2	PASS
1	5	18025	8	#0	QAM16		35.91	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		47.61	29.2	PASS
1	5	18025	8	#0	QAM16		48.05	32.2	PASS
1	5	18025	8	#0	QAM16		52.33	35.2	PASS
1	5	18025	8	#Max	QAM16		52.09	35.2	PASS
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1	5	18025	8	#Max	QAM16		46.97	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		37.24	29.2	PASS
1	5	18025	8	#Max	QAM16		39.69	32.2	PASS
1	5	18025	8	#Max	QAM16		52.25	35.2	PASS
1	5	18025	25	#0	QAM16		48.76	35.2	PASS
1	5	18025	25	#0	QAM16		38.07	32.2	PASS
1	5	18025	25	#0	QAM16		37.26	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		37.90	29.2	PASS
1	5	18025	25	#0	QAM16		38.68	32.2	PASS
1	5	18025	25	#0	QAM16		49.03	35.2	PASS
1	5	18300	8	#0	QPSK		54.04	35.2	PASS
1	5	18300	8	#0	QPSK		40.25	32.2	PASS
1	5	18300	8	#0	QPSK		37.48	29.2	PASS

1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		47.28	29.2	PASS
1	5	18300	8	#0	QPSK		47.63	32.2	PASS
1	5	18300	8	#0	QPSK		54.48	35.2	PASS
1	5	18300	25	#0	QPSK		49.82	35.2	PASS
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1	5	18300	25	#0	QPSK		39.30	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		39.38	29.2	PASS
1	5	18300	25	#0	QPSK		40.22	32.2	PASS
1	5	18300	25	#0	QPSK		49.98	35.2	PASS
1	5	18300	8	#0	QAM16		52.11	35.2	PASS
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1	5	18300	8	#0	QAM16		39.01	29.2	PASS
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1	5	18300	8	#0	QAM16		47.05	29.2	PASS
1	5	18300	8	#0	QAM16		47.43	32.2	PASS
1	5	18300	8	#0	QAM16		52.40	35.2	PASS
1	5	18300	8	#Max	QAM16		52.10	35.2	PASS
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1	5	18300	8	#Max	QAM16		46.59	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		38.12	29.2	PASS
1	5	18300	8	#Max	QAM16		40.83	32.2	PASS
1	5	18300	8	#Max	QAM16		52.29	35.2	PASS
1	5	18300	25	#0	QAM16		49.44	35.2	PASS
1	5	18300	25	#0	QAM16		40.46	32.2	PASS
1	5	18300	25	#0	QAM16		39.67	29.2	PASS
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1	5	18300	25	#0	QAM16		39.85	29.2	PASS
1	5	18300	25	#0	QAM16		40.64	32.2	PASS
1	5	18300	25	#0	QAM16		49.60	35.2	PASS
1	5	18575	8	#0	QPSK		53.51	35.2	PASS
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1	5	18575	8	#0	QPSK		33.75	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS
1	5	18575	8	#0	QPSK		46.70	29.2	PASS
1	5	18575	8	#0	QPSK		47.08	32.2	PASS
1	5	18575	8	#0	QPSK		54.16	35.2	PASS
1	5	18575	8	#Max	QPSK		53.91	35.2	PASS
1	5	18575	8	#Max	QPSK		45.52	32.2	PASS
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1	5	18575	8	#Max	QPSK		0.00	0	PASS

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1	5	18575	8	#Max	QPSK		39.78	32.2	PASS
1	5	18575	8	#Max	QPSK		53.35	35.2	PASS
1	5	18575	25	#0	QPSK		49.62	35.2	PASS
1	5	18575	25	#0	QPSK		38.68	32.2	PASS
1	5	18575	25	#0	QPSK		37.86	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		38.63	29.2	PASS
1	5	18575	25	#0	QPSK		39.54	32.2	PASS
1	5	18575	25	#0	QPSK		50.83	35.2	PASS
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1	5	18575	8	#0	QAM16		37.40	29.2	PASS
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1	5	18575	8	#0	QAM16		46.94	29.2	PASS
1	5	18575	8	#0	QAM16		47.29	32.2	PASS
1	5	18575	8	#0	QAM16		53.12	35.2	PASS
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1	5	18575	8	#Max	QAM16		45.70	29.2	PASS
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1	5	18575	8	#Max	QAM16		52.94	35.2	PASS
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1	5	18575	25	#0	QAM16		39.12	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		39.91	29.2	PASS
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1	5	18575	25	#0	QAM16		50.27	35.2	PASS
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1	10	18050	12	#0	QPSK		35.58	29.2	PASS
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1	10	18050	12	#0	QPSK		46.10	29.2	PASS
1	10	18050	12	#0	QPSK		50.62	32.2	PASS
1	10	18050	12	#0	QPSK		49.86	35.2	PASS
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1	10	18050	12	#Max	QPSK		45.58	29.2	PASS
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1	10	18050	12	#Max	QPSK		38.73	32.2	PASS
1	10	18050	12	#Max	QPSK		53.12	35.2	PASS
1	10	18050	50	#0	QPSK		42.78	35.2	PASS
1	10	18050	50	#0	QPSK		38.83	32.2	PASS
1	10	18050	50	#0	QPSK		36.72	29.2	PASS
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1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		39.60	29.2	PASS
1	10	18050	12	#Max	QAM16		40.26	32.2	PASS
1	10	18050	12	#Max	QAM16		52.21	35.2	PASS
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1	10	18050	50	#0	QAM16		38.94	32.2	PASS
1	10	18050	50	#0	QAM16		37.03	29.2	PASS
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1	10	18050	50	#0	QAM16		39.94	32.2	PASS
1	10	18050	50	#0	QAM16		44.37	35.2	PASS
1	10	18300	12	#0	QPSK		53.64	35.2	PASS
1	10	18300	12	#0	QPSK		40.11	32.2	PASS
1	10	18300	12	#0	QPSK		39.53	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		46.15	29.2	PASS
1	10	18300	12	#0	QPSK		50.72	32.2	PASS
1	10	18300	12	#0	QPSK		50.09	35.2	PASS
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1	10	18300	12	#Max	QPSK		50.51	32.2	PASS
1	10	18300	12	#Max	QPSK		45.85	29.2	PASS
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1	10	18300	12	#Max	QPSK		38.05	32.2	PASS

1	10	18300	12	#Max	QPSK		54.07	35.2	PASS
1	10	18300	50	#0	QPSK		44.60	35.2	PASS
1	10	18300	50	#0	QPSK		40.64	32.2	PASS
1	10	18300	50	#0	QPSK		38.55	29.2	PASS
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1	10	18300	12	#0	QAM16		40.89	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		46.06	29.2	PASS
1	10	18300	12	#0	QAM16		50.49	32.2	PASS
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1	10	18300	12	#Max	QAM16		45.85	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		39.19	29.2	PASS
1	10	18300	12	#Max	QAM16		39.89	32.2	PASS
1	10	18300	12	#Max	QAM16		53.06	35.2	PASS
1	10	18300	50	#0	QAM16		45.50	35.2	PASS
1	10	18300	50	#0	QAM16		41.50	32.2	PASS
1	10	18300	50	#0	QAM16		39.35	29.2	PASS
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1	10	18300	50	#0	QAM16		41.62	32.2	PASS
1	10	18300	50	#0	QAM16		45.62	35.2	PASS
1	10	18550	12	#0	QPSK		53.18	35.2	PASS
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1	10	18550	12	#0	QPSK		34.02	29.2	PASS
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1	10	18550	12	#0	QPSK		46.48	29.2	PASS
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1	10	18550	12	#Max	QPSK		44.18	29.2	PASS
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1	10	18550	12	#Max	QPSK		38.71	29.2	PASS
1	10	18550	12	#Max	QPSK		39.34	32.2	PASS
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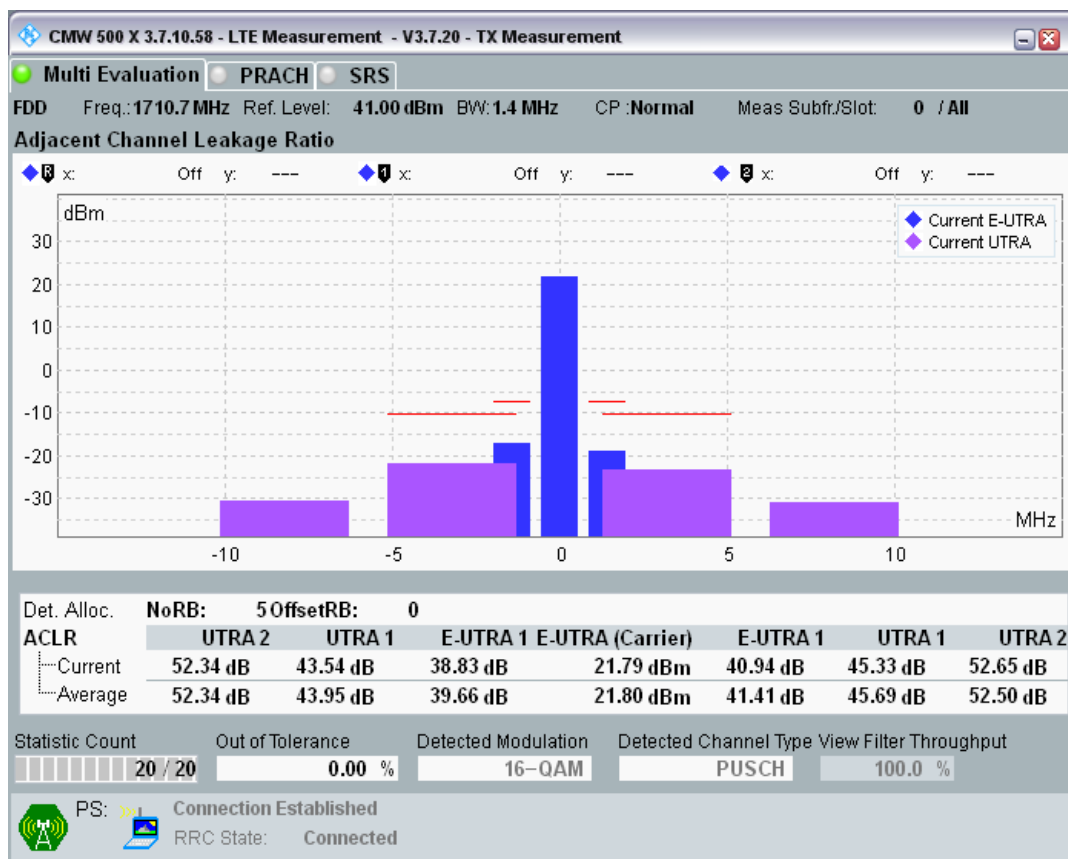
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1	10	18550	50	#0	QPSK		35.45	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		37.68	29.2	PASS
1	10	18550	50	#0	QPSK		39.36	32.2	PASS
1	10	18550	50	#0	QPSK		44.90	35.2	PASS
1	10	18550	12	#0	QAM16		52.35	35.2	PASS
1	10	18550	12	#0	QAM16		36.89	32.2	PASS
1	10	18550	12	#0	QAM16		36.29	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		46.33	29.2	PASS
1	10	18550	12	#0	QAM16		50.66	32.2	PASS
1	10	18550	12	#0	QAM16		50.32	35.2	PASS
1	10	18550	12	#Max	QAM16		48.07	35.2	PASS
1	10	18550	12	#Max	QAM16		49.46	32.2	PASS
1	10	18550	12	#Max	QAM16		44.45	29.2	PASS
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1	10	18550	12	#Max	QAM16		52.63	35.2	PASS
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1	10	18550	50	#0	QAM16		38.42	32.2	PASS
1	10	18550	50	#0	QAM16		36.38	29.2	PASS
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1	10	18550	50	#0	QAM16		45.63	35.2	PASS
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1	20	18100	18	#0	QPSK		37.22	32.2	PASS
1	20	18100	18	#0	QPSK		38.39	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		44.35	29.2	PASS
1	20	18100	18	#0	QPSK		52.66	32.2	PASS
1	20	18100	18	#0	QPSK		51.95	35.2	PASS
1	20	18100	18	#Max	QPSK		51.35	35.2	PASS
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1	20	18100	18	#Max	QPSK		52.45	35.2	PASS
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1	20	18100	100	#0	QPSK		41.68	32.2	PASS
1	20	18100	100	#0	QPSK		37.36	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		37.82	29.2	PASS
1	20	18100	100	#0	QPSK		42.10	32.2	PASS
1	20	18100	100	#0	QPSK		44.16	35.2	PASS
1	20	18100	18	#0	QAM16		50.60	35.2	PASS
1	20	18100	18	#0	QAM16		38.35	32.2	PASS
1	20	18100	18	#0	QAM16		39.17	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.70	29.2	PASS
1	20	18100	18	#0	QAM16		51.56	32.2	PASS
1	20	18100	18	#0	QAM16		51.25	35.2	PASS
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1	20	18100	18	#Max	QAM16		51.33	32.2	PASS
1	20	18100	18	#Max	QAM16		43.88	29.2	PASS
1	20	18100	18	#Max	QAM16		0.00	0	PASS
1	20	18100	18	#Max	QAM16		41.84	29.2	PASS
1	20	18100	18	#Max	QAM16		42.46	32.2	PASS
1	20	18100	18	#Max	QAM16		51.51	35.2	PASS
1	20	18100	100	#0	QAM16		44.19	35.2	PASS
1	20	18100	100	#0	QAM16		42.50	32.2	PASS
1	20	18100	100	#0	QAM16		38.09	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
1	20	18100	100	#0	QAM16		38.61	29.2	PASS
1	20	18100	100	#0	QAM16		43.35	32.2	PASS
1	20	18100	100	#0	QAM16		44.83	35.2	PASS
1	20	18300	18	#0	QPSK		52.49	35.2	PASS
1	20	18300	18	#0	QPSK		41.72	32.2	PASS
1	20	18300	18	#0	QPSK		41.93	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		45.23	29.2	PASS
1	20	18300	18	#0	QPSK		53.59	32.2	PASS
1	20	18300	18	#0	QPSK		52.83	35.2	PASS
1	20	18300	18	#Max	QPSK		52.07	35.2	PASS
1	20	18300	18	#Max	QPSK		53.22	32.2	PASS
1	20	18300	18	#Max	QPSK		44.77	29.2	PASS
1	20	18300	18	#Max	QPSK		0.00	0	PASS
1	20	18300	18	#Max	QPSK		39.37	29.2	PASS
1	20	18300	18	#Max	QPSK		37.93	32.2	PASS
1	20	18300	18	#Max	QPSK		53.28	35.2	PASS
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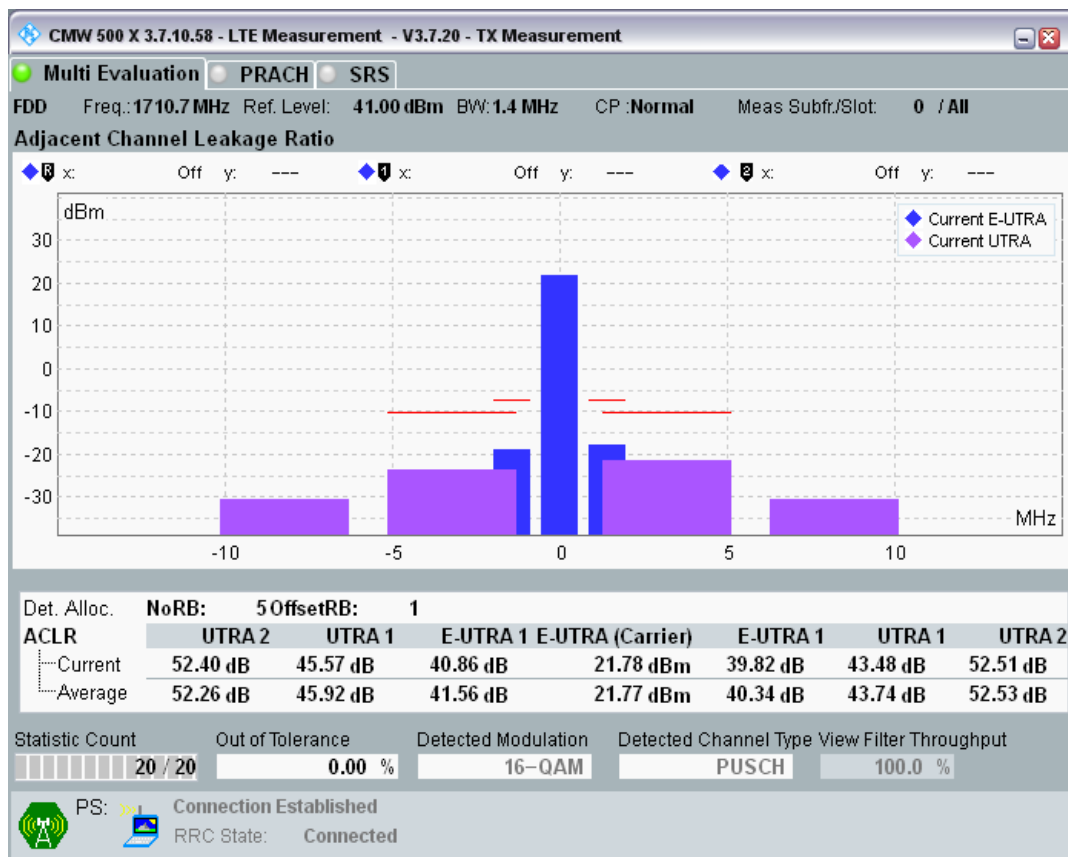
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1	20	18300	100	#0	QPSK		38.61	29.2	PASS
1	20	18300	100	#0	QPSK		42.53	32.2	PASS
1	20	18300	100	#0	QPSK		44.95	35.2	PASS
1	20	18300	18	#0	QAM16		51.64	35.2	PASS
1	20	18300	18	#0	QAM16		42.58	32.2	PASS
1	20	18300	18	#0	QAM16		42.14	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		44.93	29.2	PASS
1	20	18300	18	#0	QAM16		52.66	32.2	PASS
1	20	18300	18	#0	QAM16		52.33	35.2	PASS
1	20	18300	18	#Max	QAM16		51.39	35.2	PASS
1	20	18300	18	#Max	QAM16		52.13	32.2	PASS
1	20	18300	18	#Max	QAM16		44.33	29.2	PASS
1	20	18300	18	#Max	QAM16		0.00	0	PASS
1	20	18300	18	#Max	QAM16		40.52	29.2	PASS
1	20	18300	18	#Max	QAM16		39.80	32.2	PASS
1	20	18300	18	#Max	QAM16		52.46	35.2	PASS
1	20	18300	100	#0	QAM16		45.21	35.2	PASS
1	20	18300	100	#0	QAM16		43.85	32.2	PASS
1	20	18300	100	#0	QAM16		39.02	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		39.58	29.2	PASS
1	20	18300	100	#0	QAM16		43.82	32.2	PASS
1	20	18300	100	#0	QAM16		45.90	35.2	PASS
1	20	18500	18	#0	QPSK		52.62	35.2	PASS
1	20	18500	18	#0	QPSK		35.78	32.2	PASS
1	20	18500	18	#0	QPSK		37.37	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		46.23	29.2	PASS
1	20	18500	18	#0	QPSK		54.38	32.2	PASS
1	20	18500	18	#0	QPSK		53.72	35.2	PASS
1	20	18500	18	#Max	QPSK		51.95	35.2	PASS
1	20	18500	18	#Max	QPSK		53.36	32.2	PASS
1	20	18500	18	#Max	QPSK		44.26	29.2	PASS
1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		40.49	29.2	PASS
1	20	18500	18	#Max	QPSK		39.45	32.2	PASS
1	20	18500	18	#Max	QPSK		52.95	35.2	PASS
1	20	18500	100	#0	QPSK		38.85	35.2	PASS
1	20	18500	100	#0	QPSK		37.70	32.2	PASS
1	20	18500	100	#0	QPSK		33.18	29.2	PASS

1	20	18500	100	#0	QPSK		0.00	0	PASS
1	20	18500	100	#0	QPSK		36.77	29.2	PASS
1	20	18500	100	#0	QPSK		40.41	32.2	PASS
1	20	18500	100	#0	QPSK		42.48	35.2	PASS
1	20	18500	18	#0	QAM16		51.94	35.2	PASS
1	20	18500	18	#0	QAM16		37.53	32.2	PASS
1	20	18500	18	#0	QAM16		38.83	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		45.19	29.2	PASS
1	20	18500	18	#0	QAM16		53.32	32.2	PASS
1	20	18500	18	#0	QAM16		52.79	35.2	PASS
1	20	18500	18	#Max	QAM16		51.44	35.2	PASS
1	20	18500	18	#Max	QAM16		52.32	32.2	PASS
1	20	18500	18	#Max	QAM16		44.04	29.2	PASS
1	20	18500	18	#Max	QAM16		0.00	0	PASS
1	20	18500	18	#Max	QAM16		41.71	29.2	PASS
1	20	18500	18	#Max	QAM16		41.41	32.2	PASS
1	20	18500	18	#Max	QAM16		52.49	35.2	PASS
1	20	18500	100	#0	QAM16		40.62	35.2	PASS
1	20	18500	100	#0	QAM16		39.12	32.2	PASS
1	20	18500	100	#0	QAM16		34.79	29.2	PASS
1	20	18500	100	#0	QAM16		0.00	0	PASS
1	20	18500	100	#0	QAM16		37.97	29.2	PASS
1	20	18500	100	#0	QAM16		41.86	32.2	PASS
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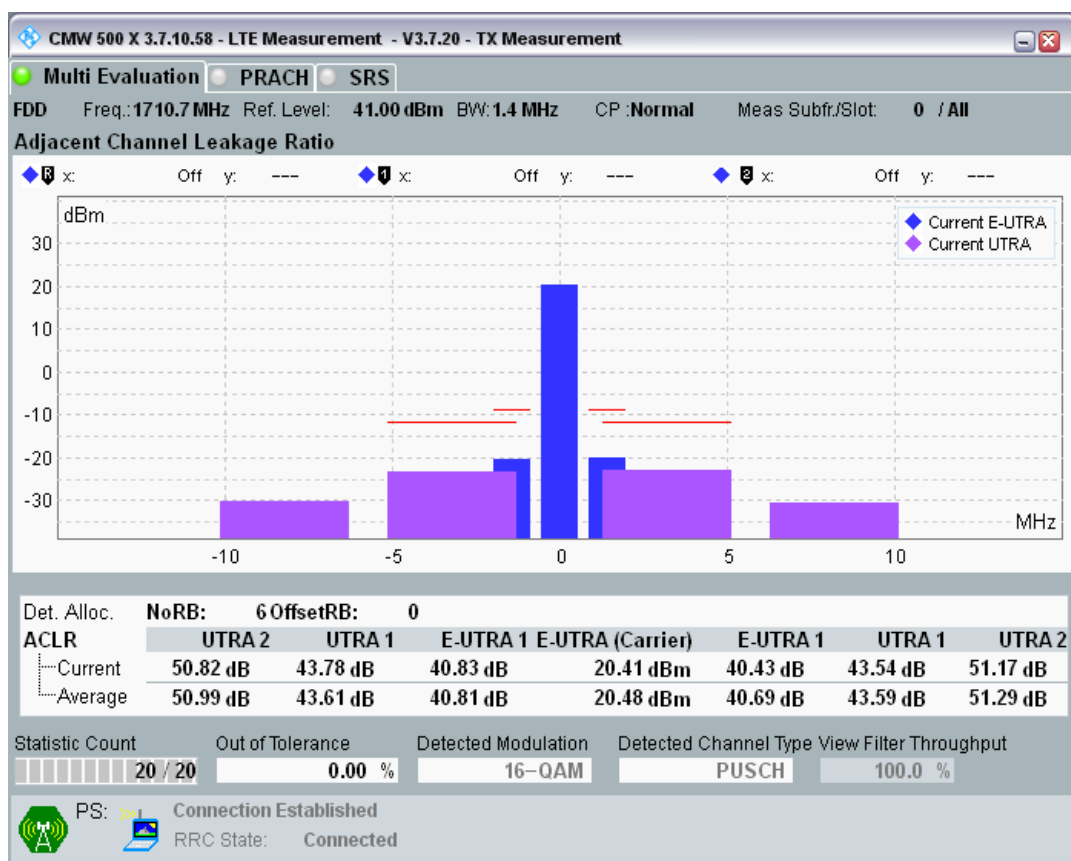
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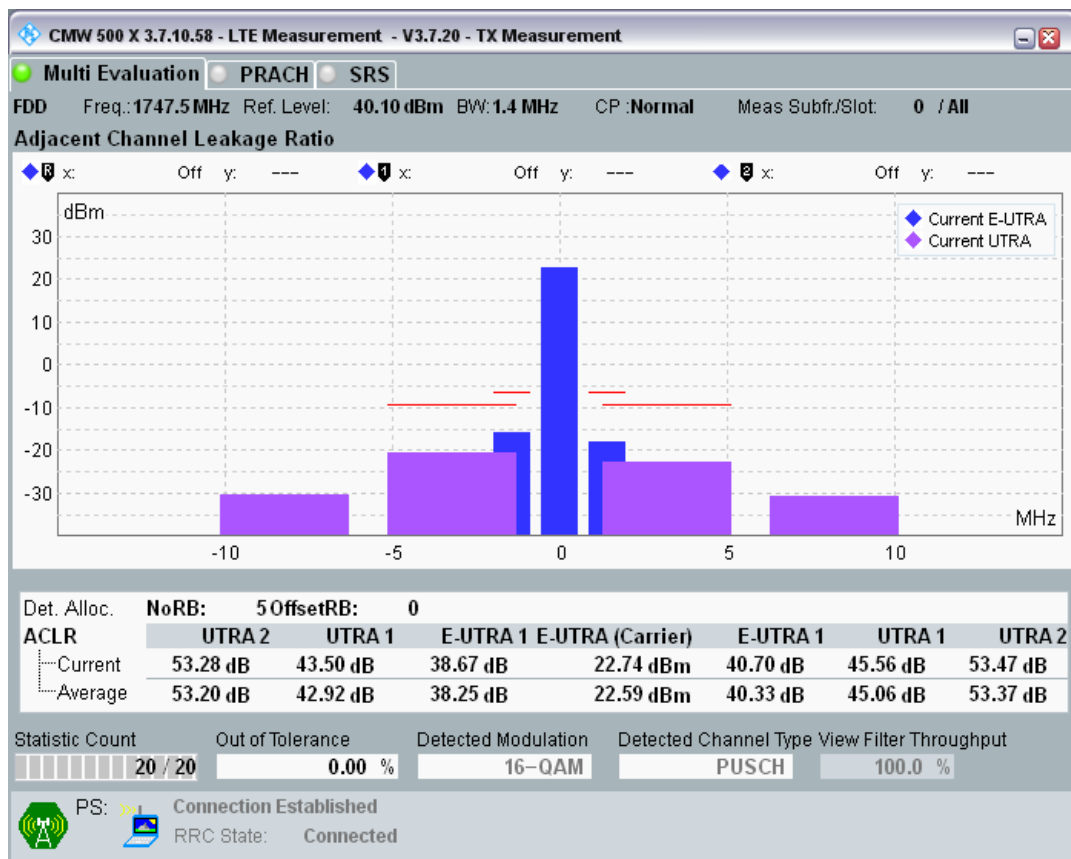
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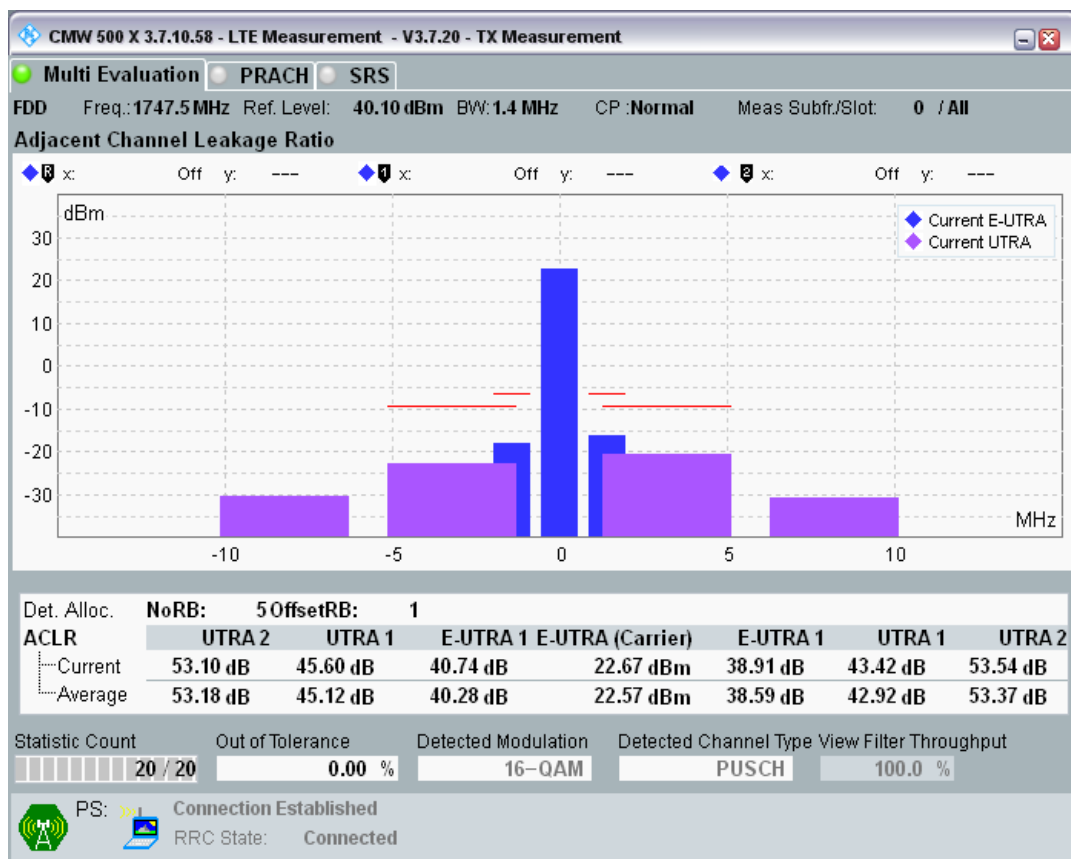
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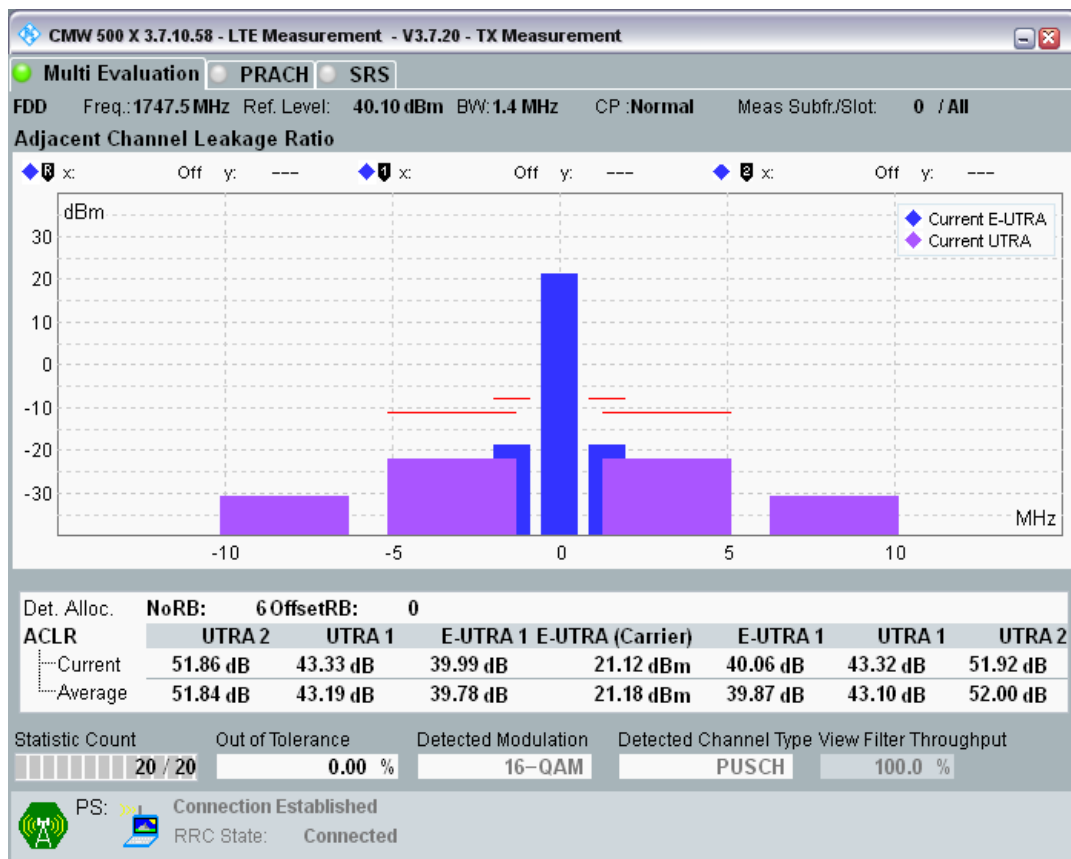
Band3 QAM16 BW=1.4MHz Channel=19575 RB Size=5 Position=#0.png



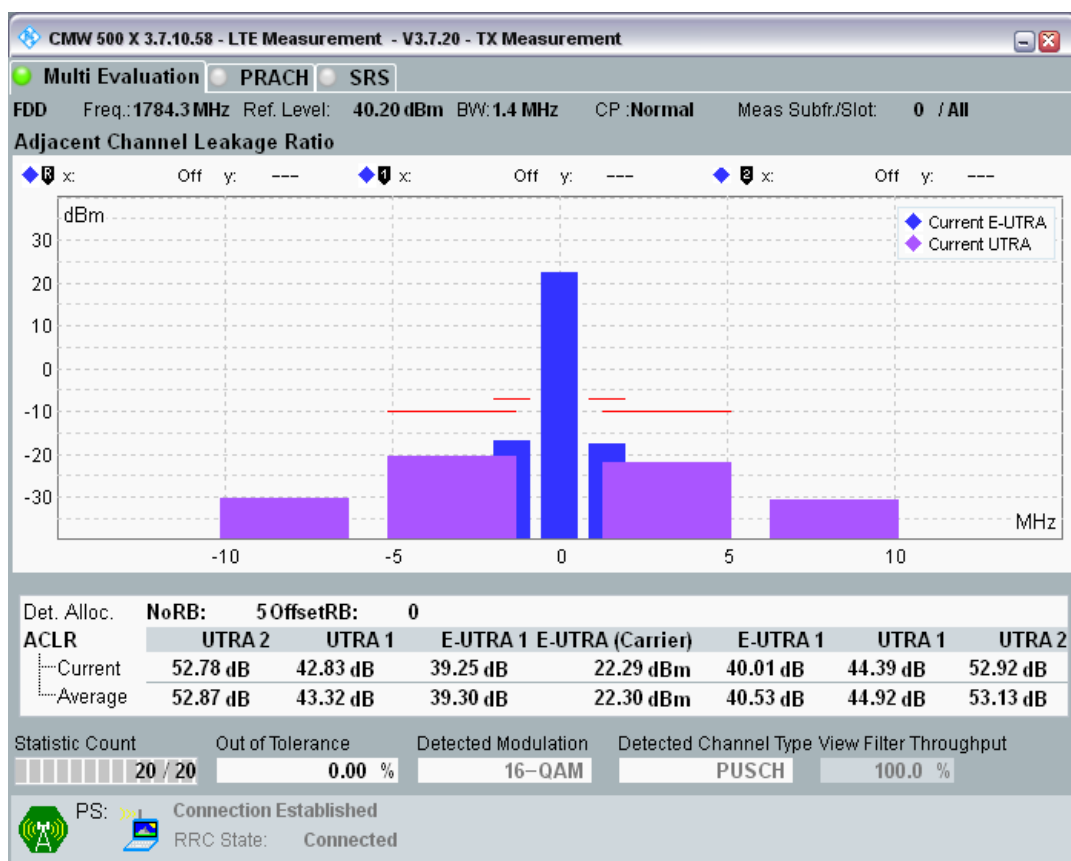
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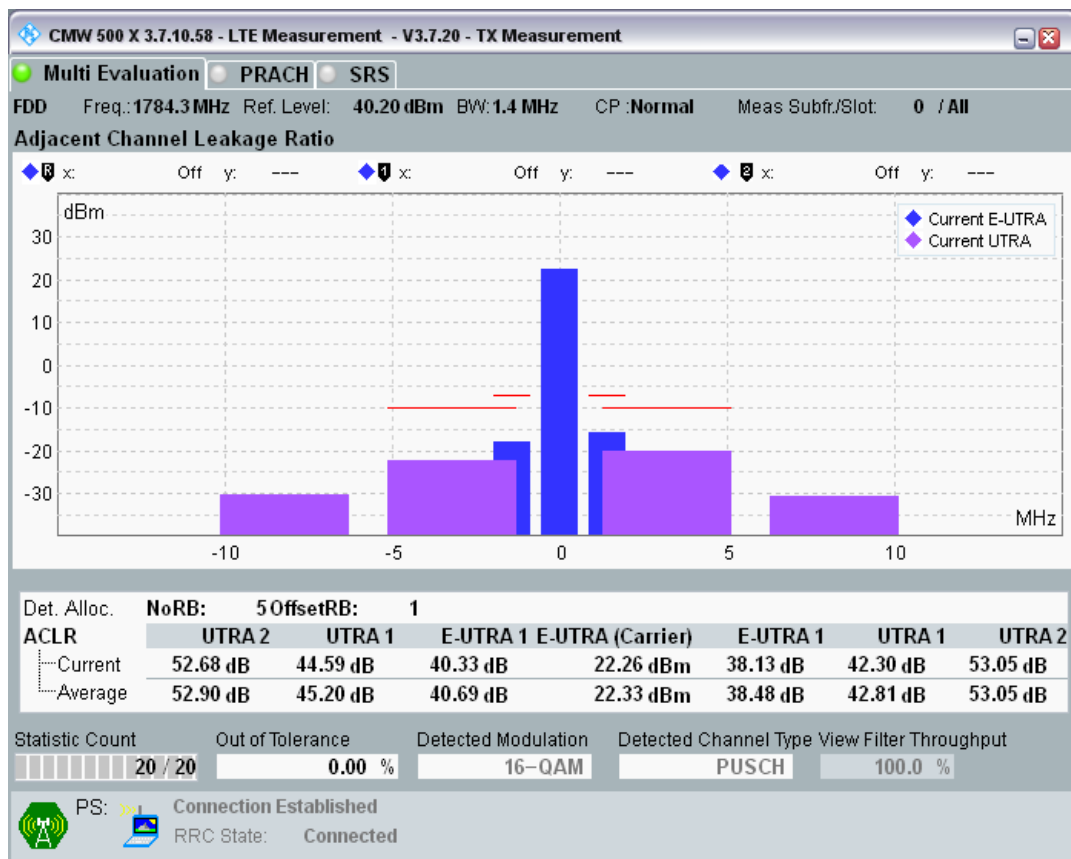
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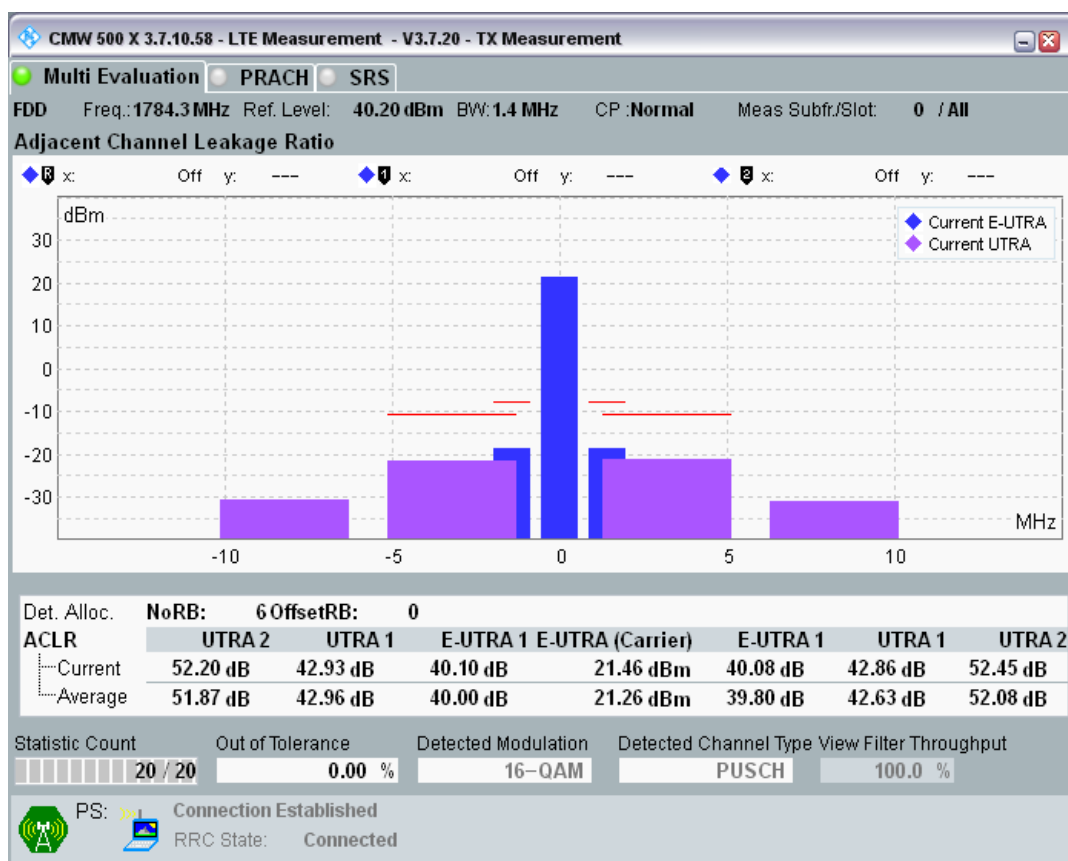
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Band3 QAM16 BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



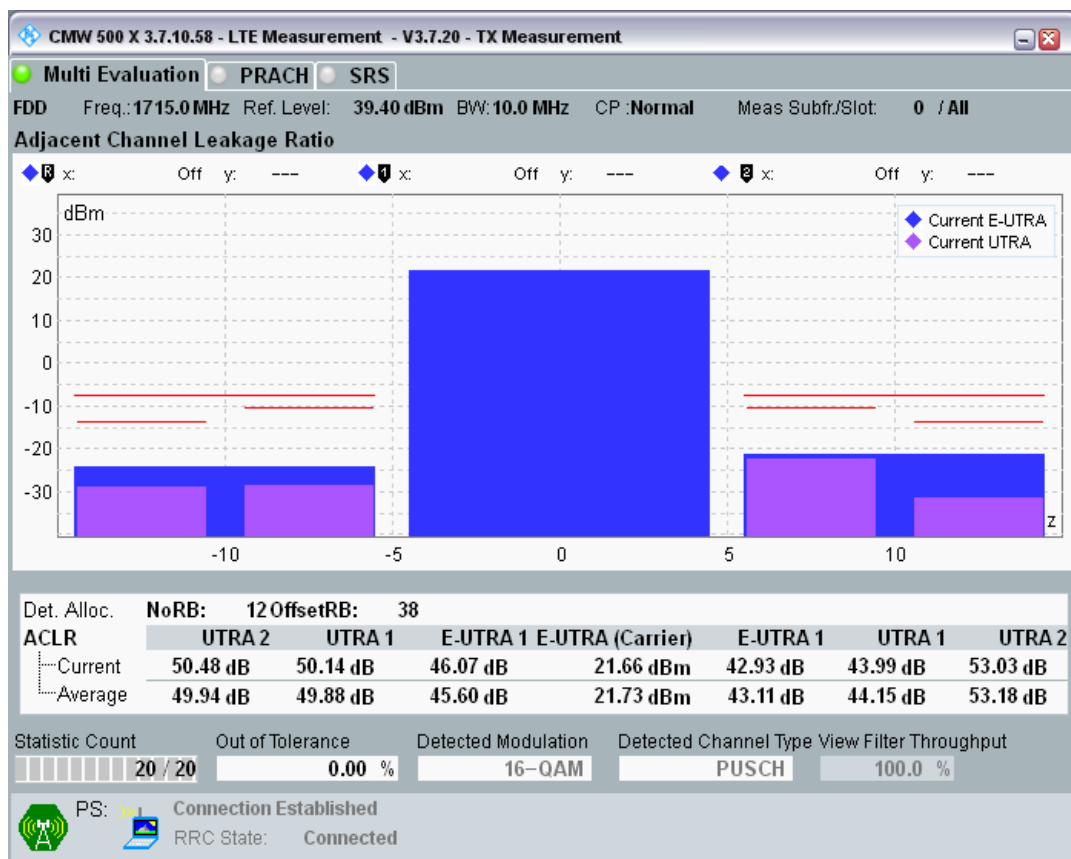
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Band3 QAM16 BW=10MHz Channel=19250 RB Size=12 Position=#0.png



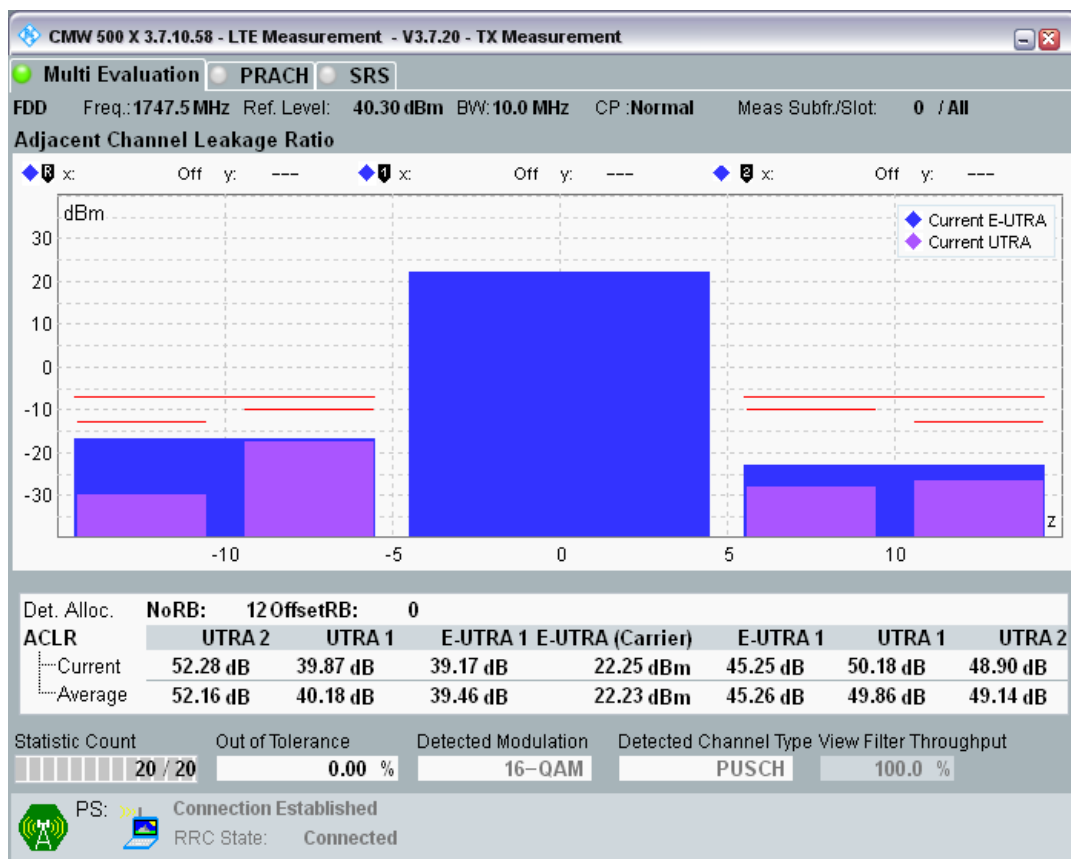
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Band3 QAM16 BW=10MHz Channel=19250 RB Size=50 Position=#0.png



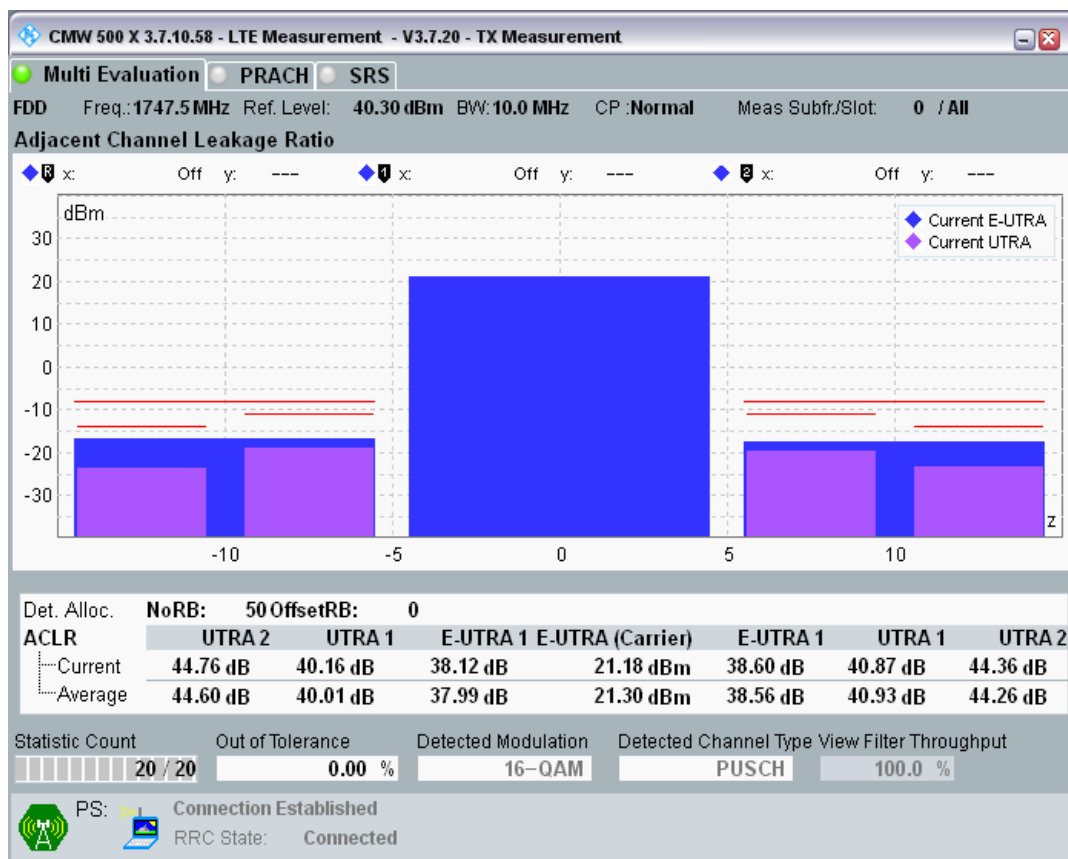
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Band3 QAM16 BW=10MHz Channel=19575 RB Size=12 Position=#Max.png



Band3 QAM16 BW=10MHz Channel=19575 RB Size=50 Position=#0.png



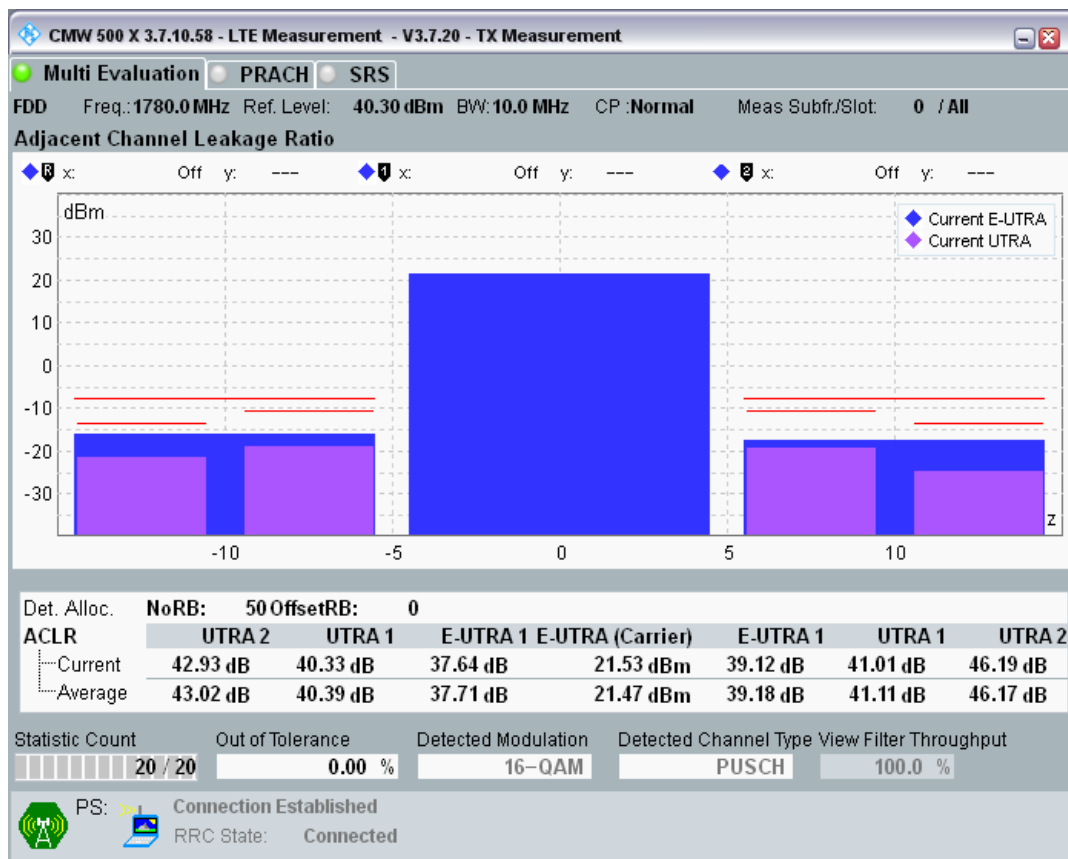
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Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#Max.png



Band3 QAM16 BW=10MHz Channel=19900 RB Size=50 Position=#0.png



Band3 QAM16 BW=20MHz Channel=19300 RB Size=100 Position=#0.png



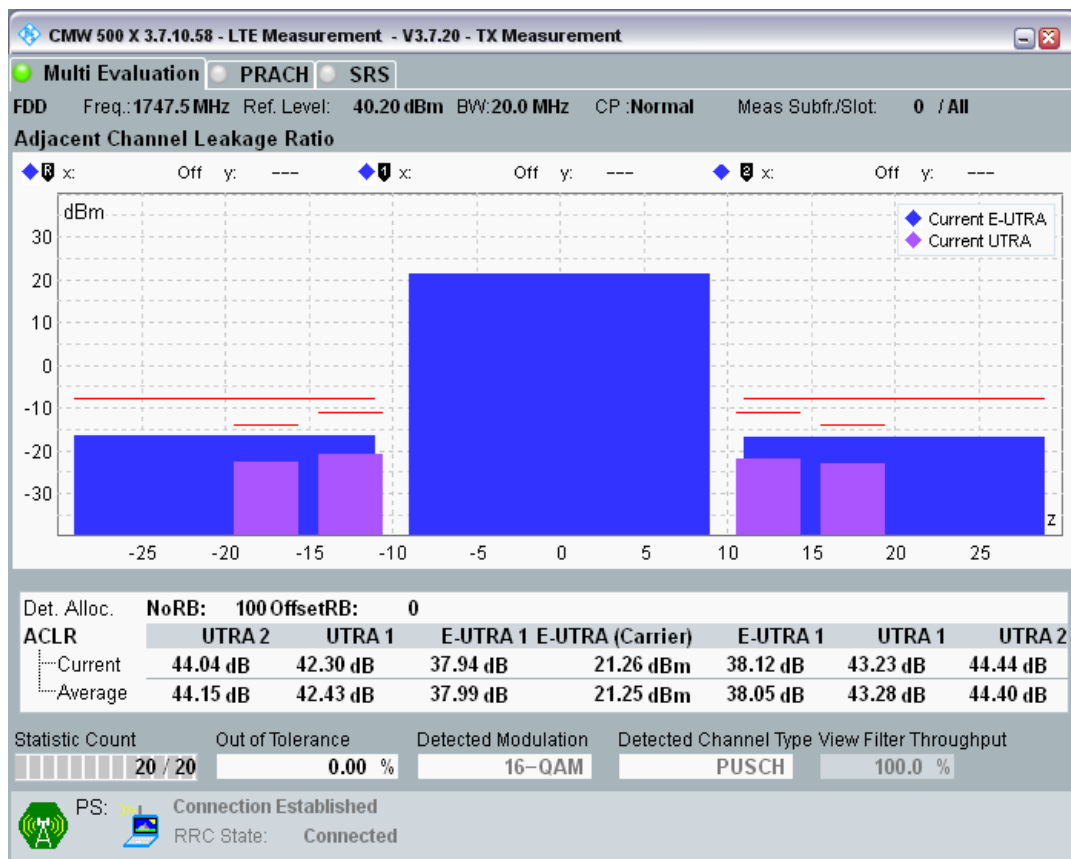
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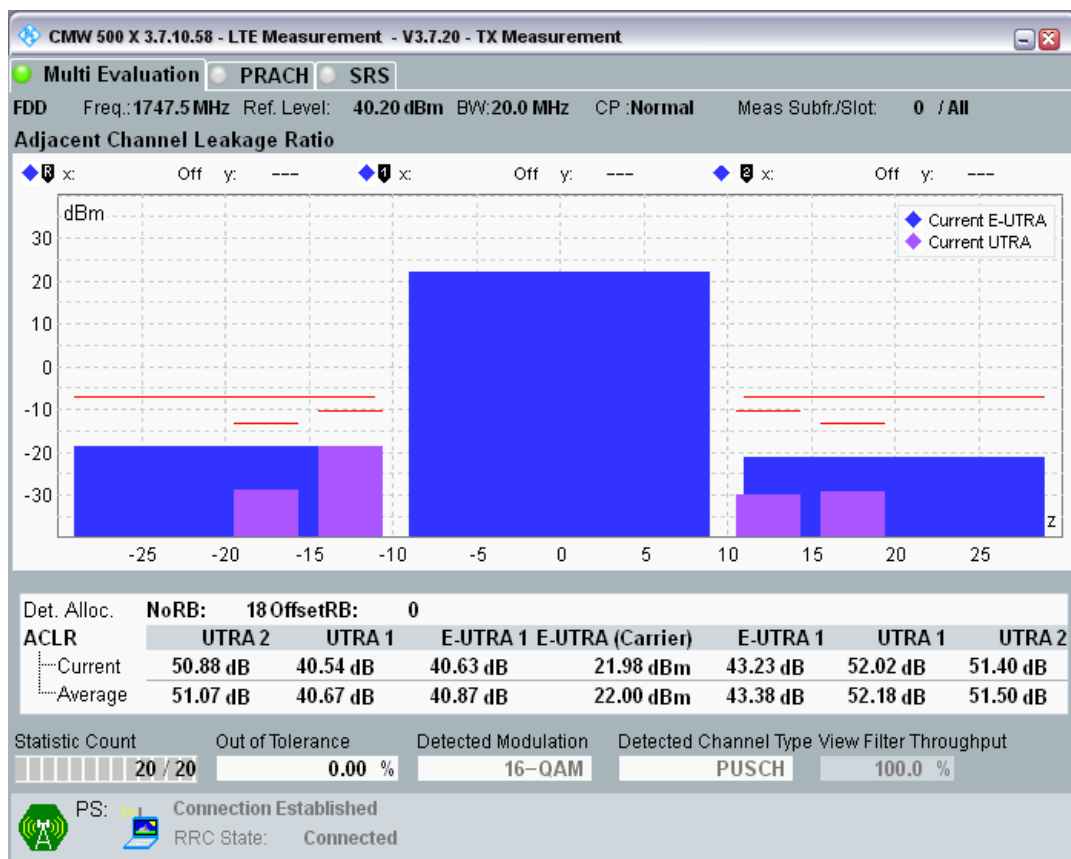
Band3 QAM16 BW=20MHz Channel=19300 RB Size=18 Position=#Max.png



Band3 QAM16 BW=20MHz Channel=19575 RB Size=100 Position=#0.png



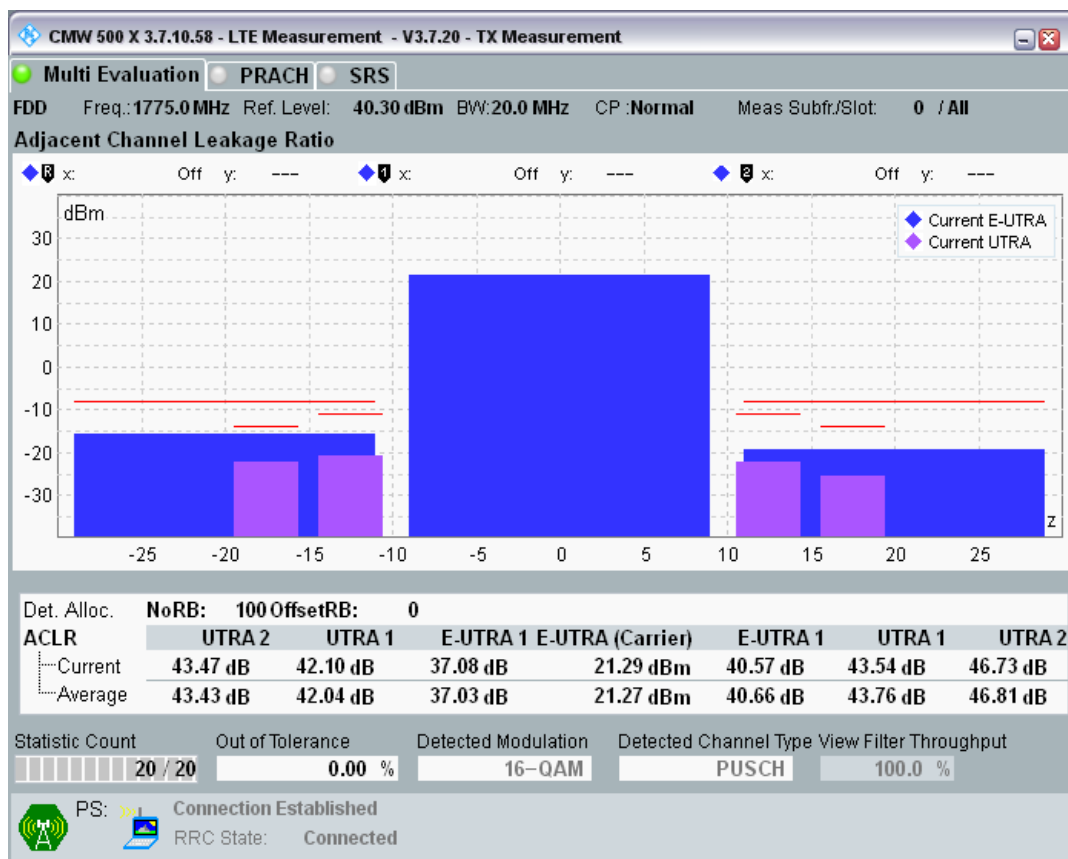
Band3 QAM16 BW=20MHz Channel=19575 RB Size=18 Position=#0.png



Band3 QAM16 BW=20MHz Channel=19575 RB Size=18 Position=#Max.png



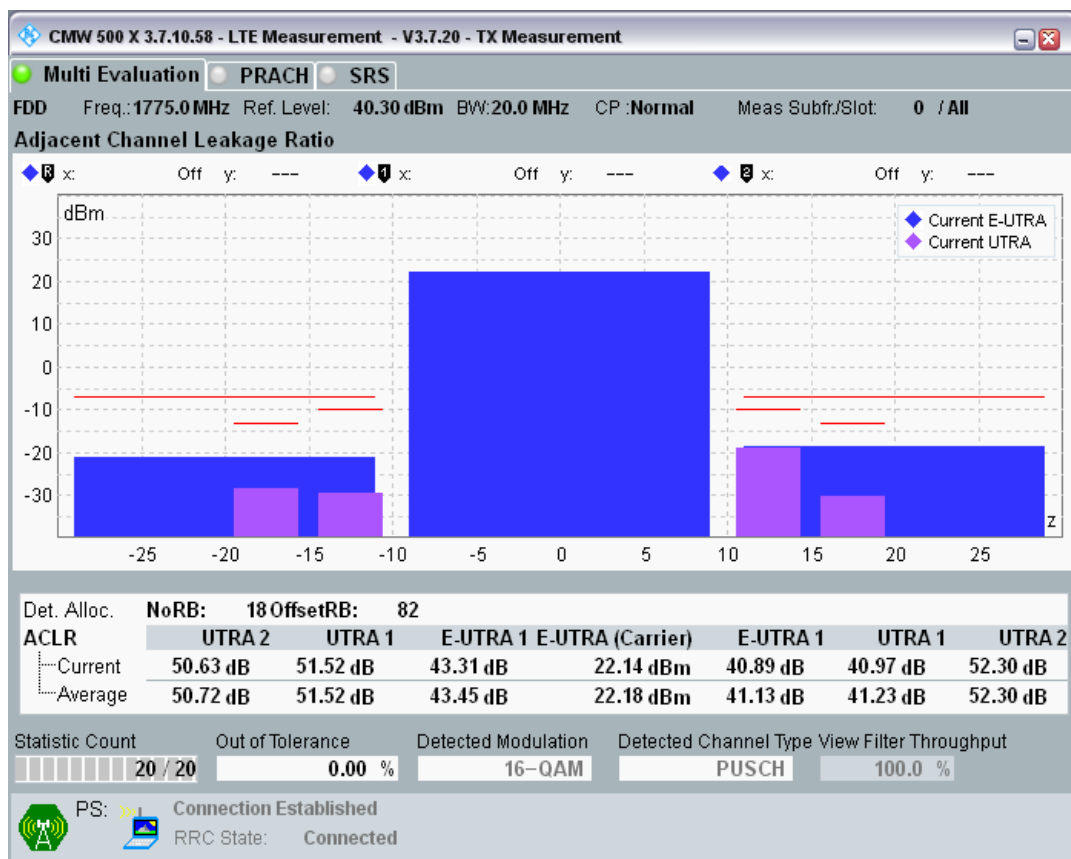
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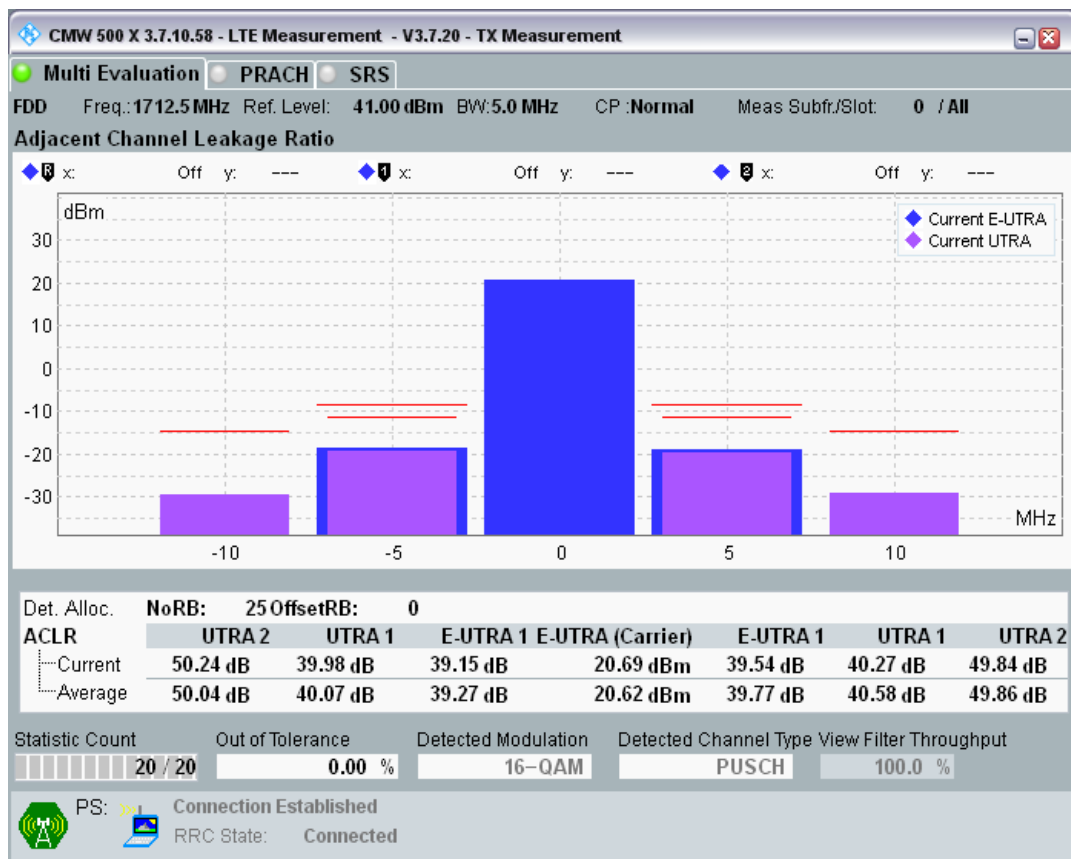
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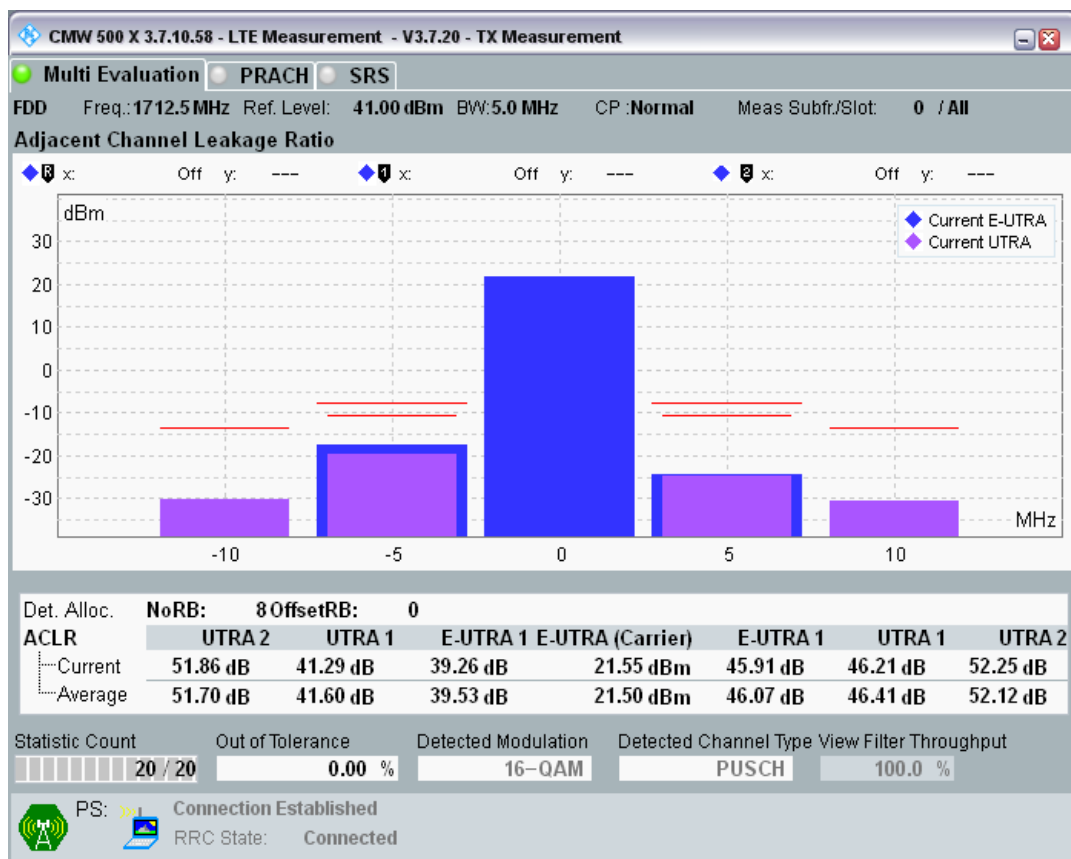
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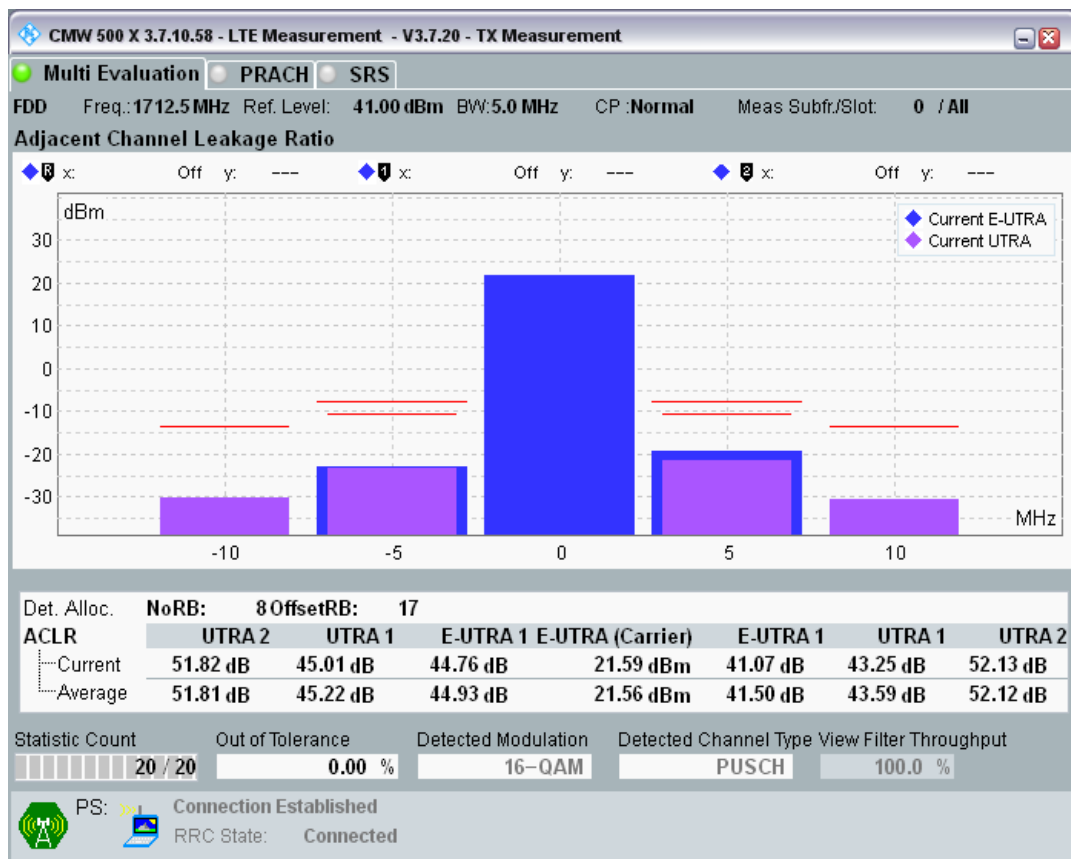
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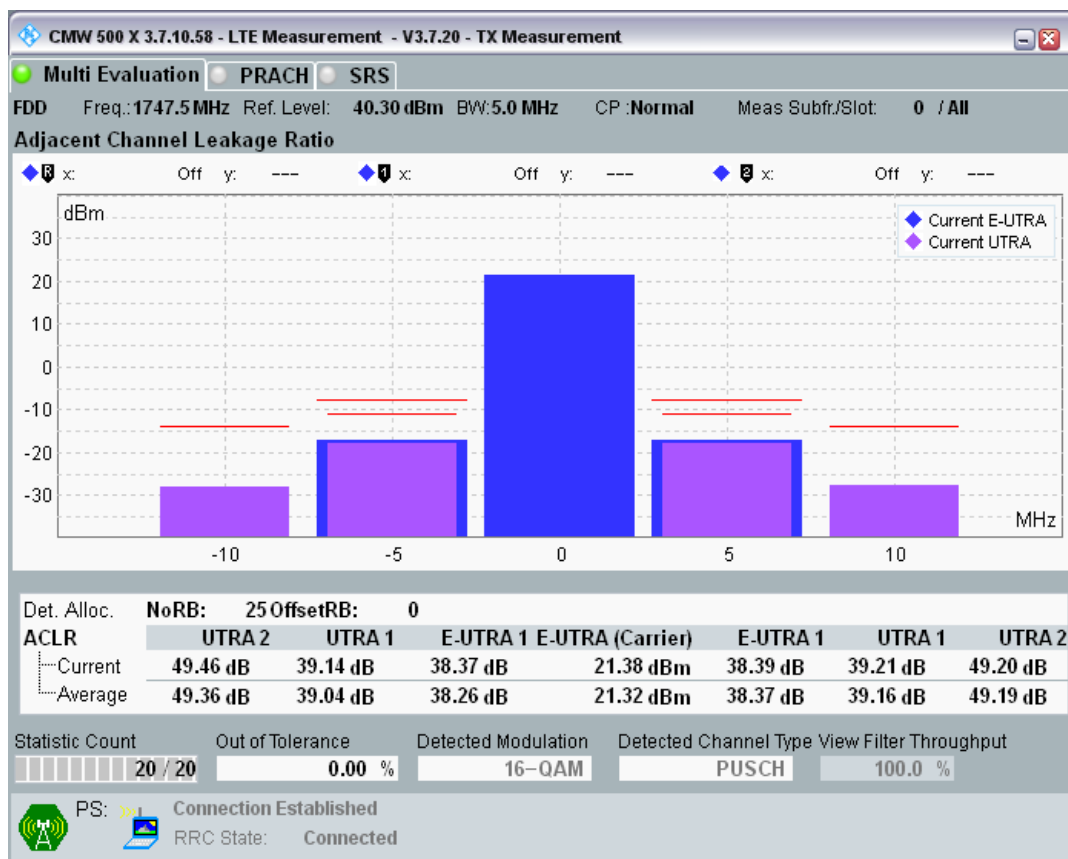
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Band3 QAM16 BW=5MHz Channel=19225 RB Size=8 Position=#Max.png



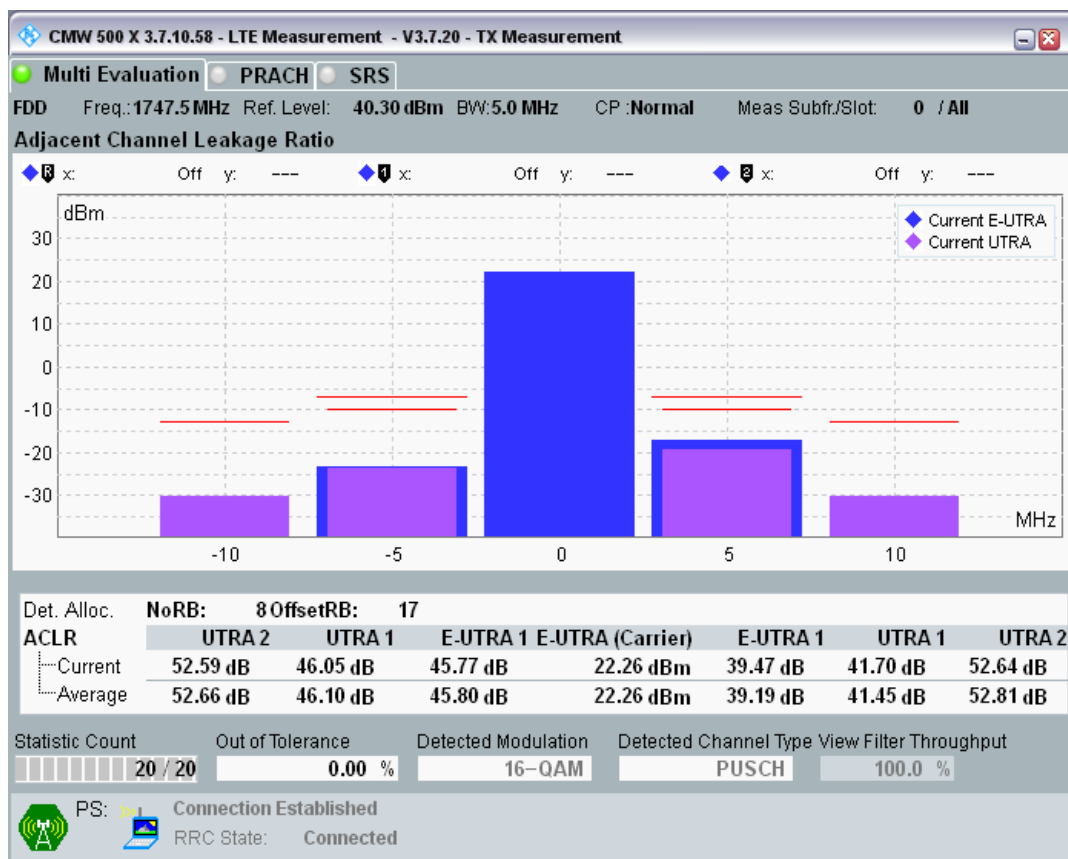
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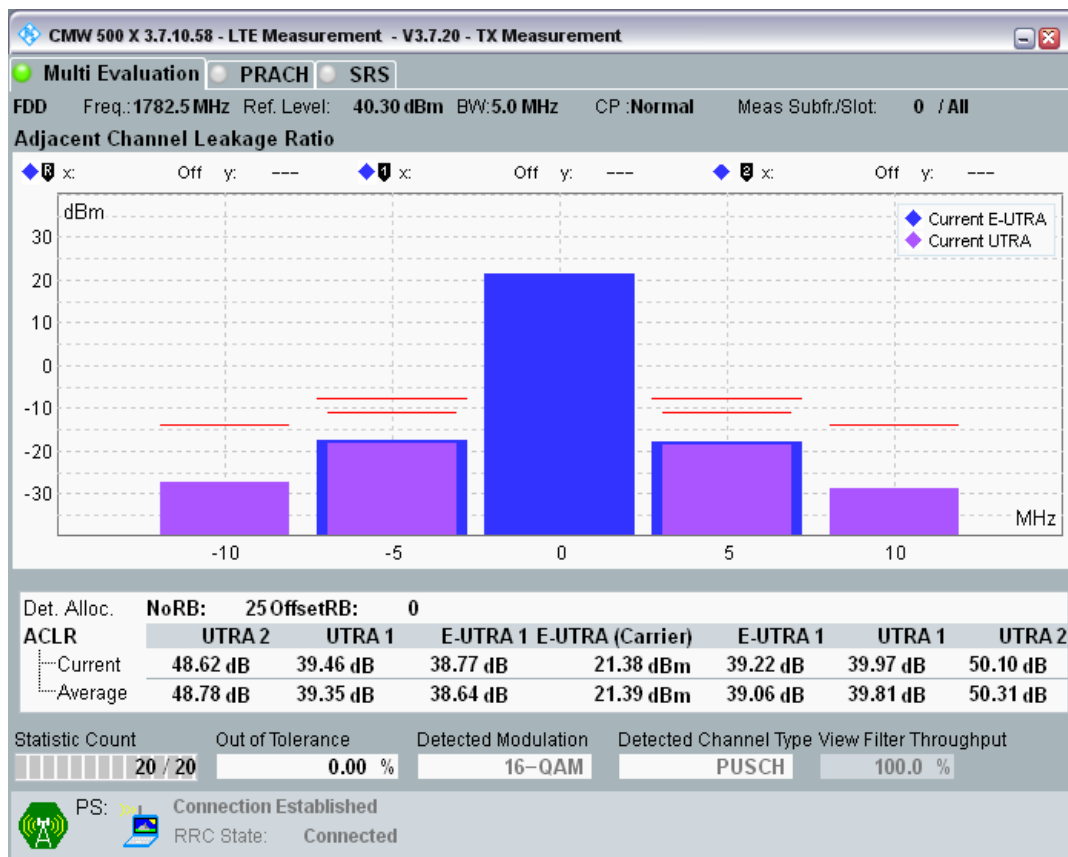
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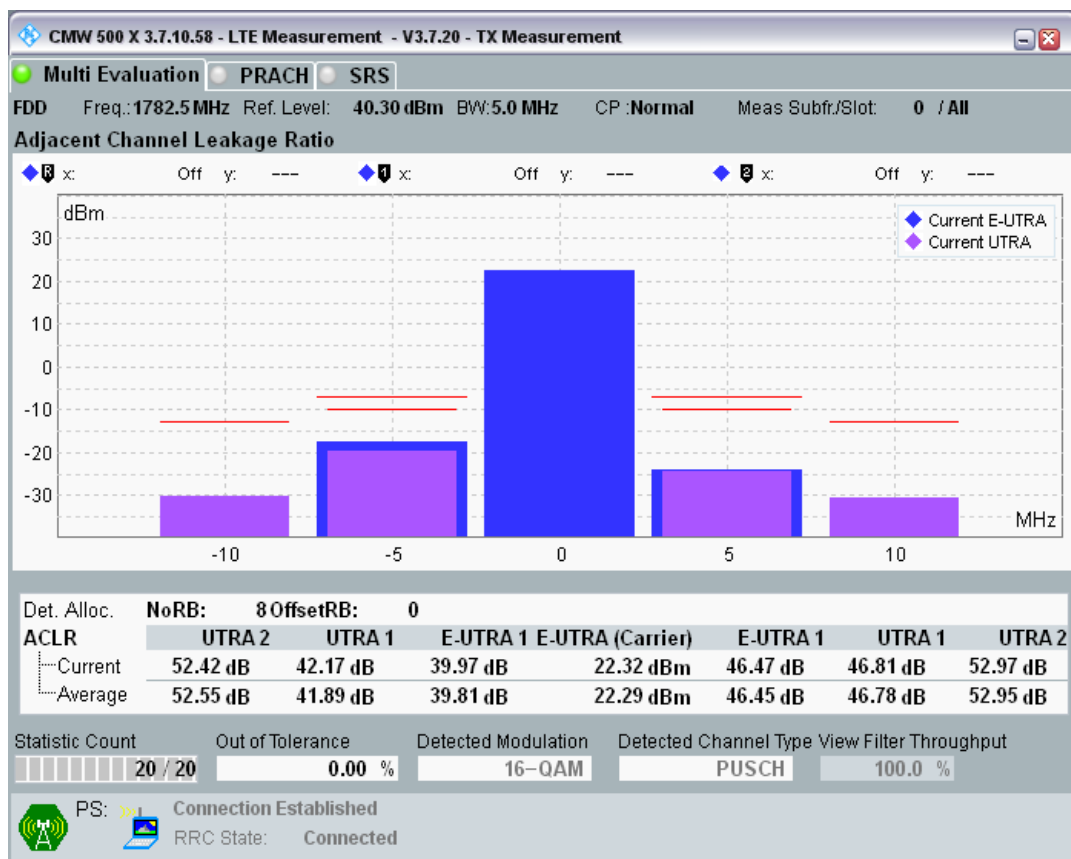
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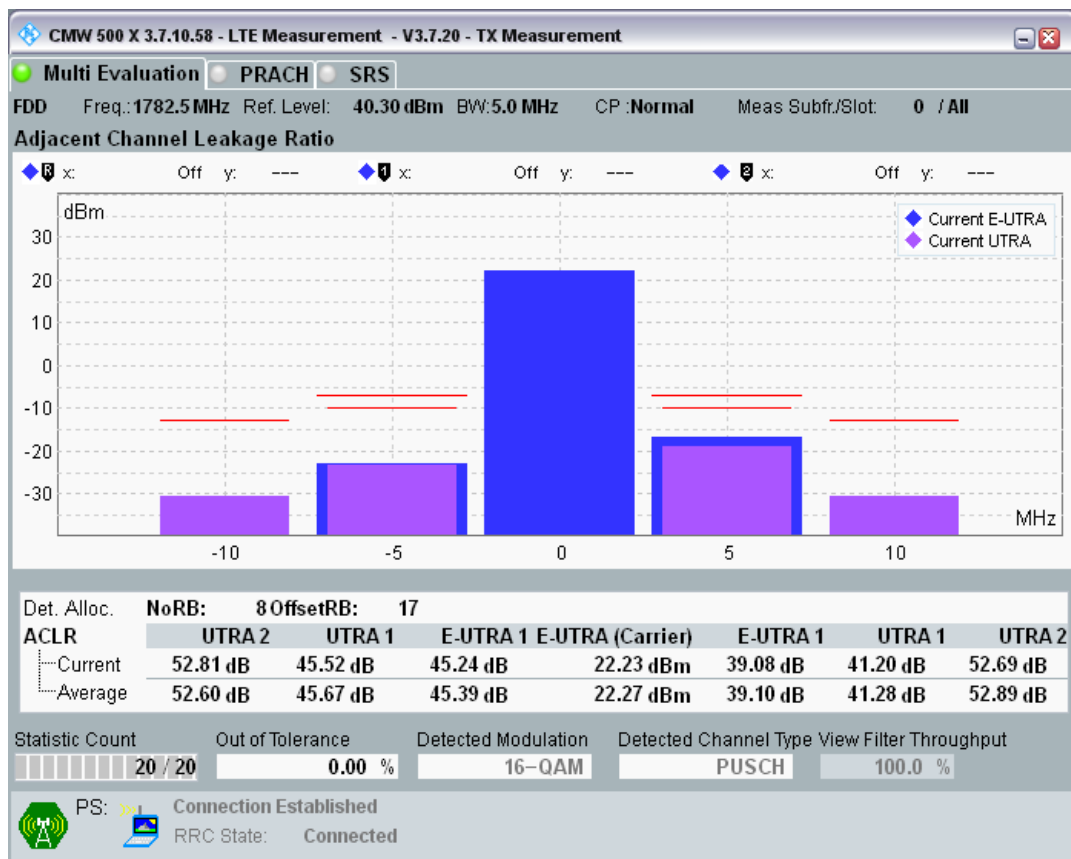
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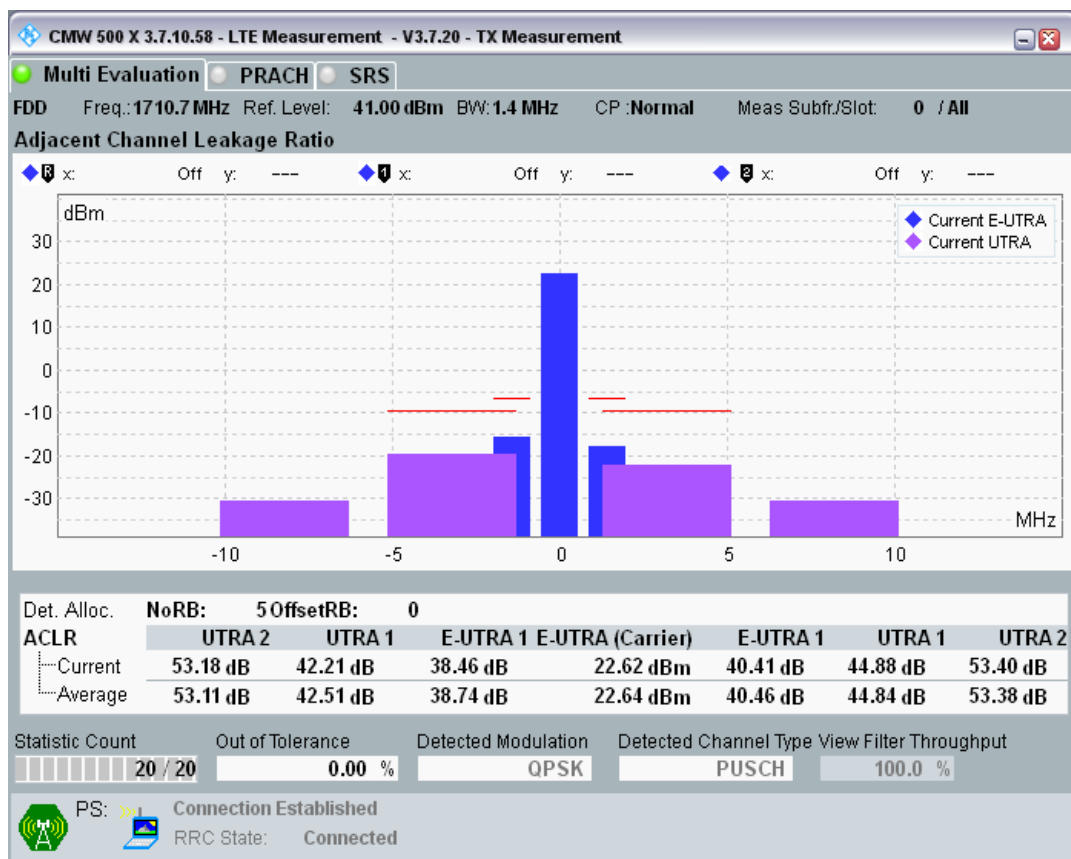
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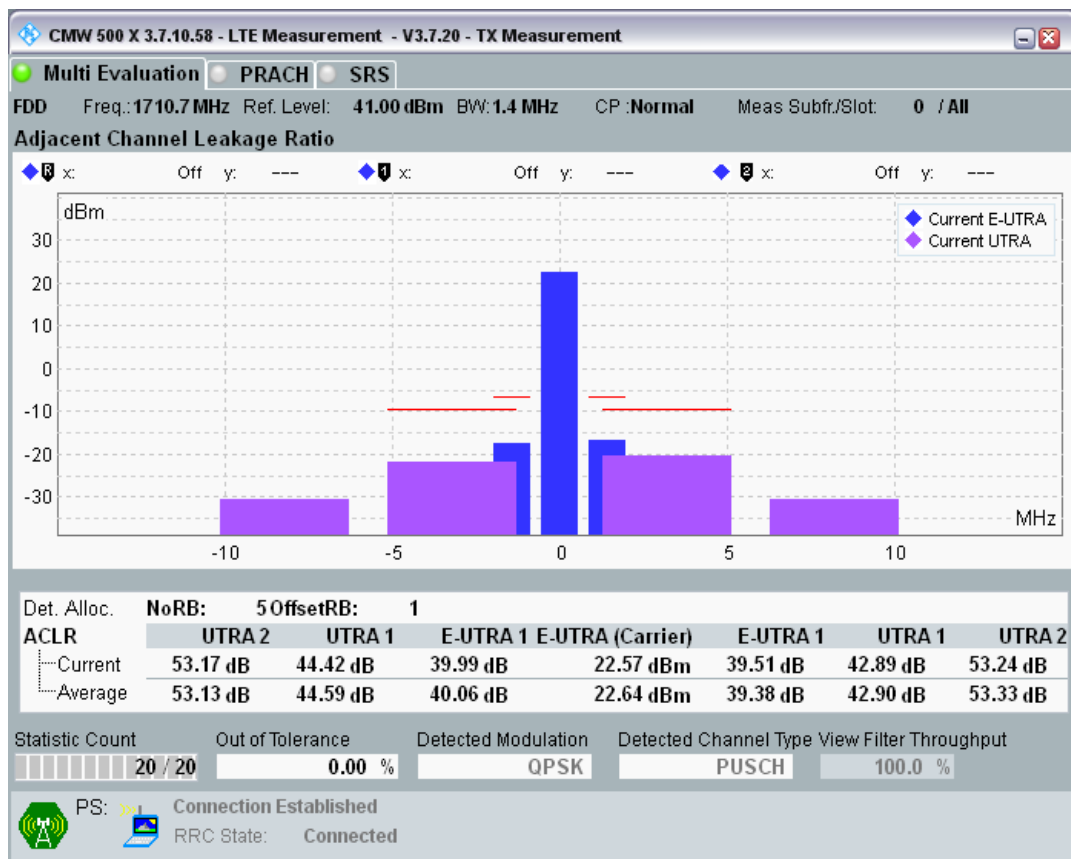
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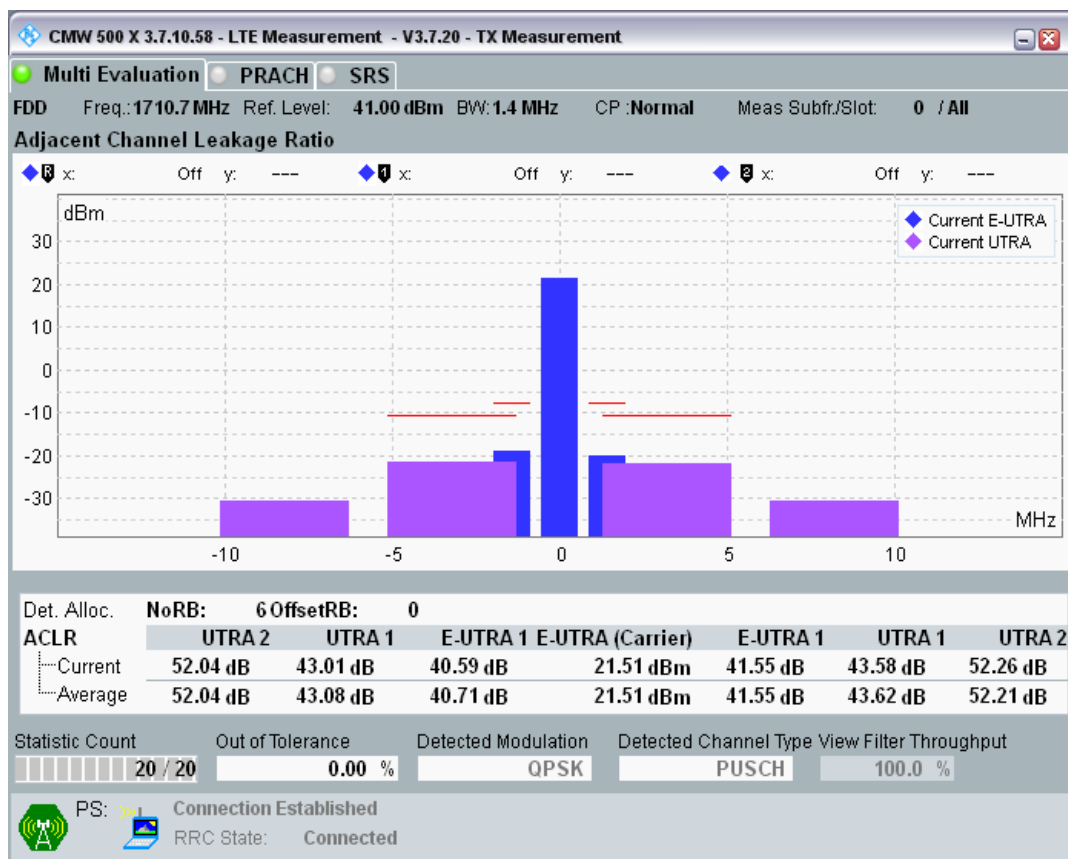
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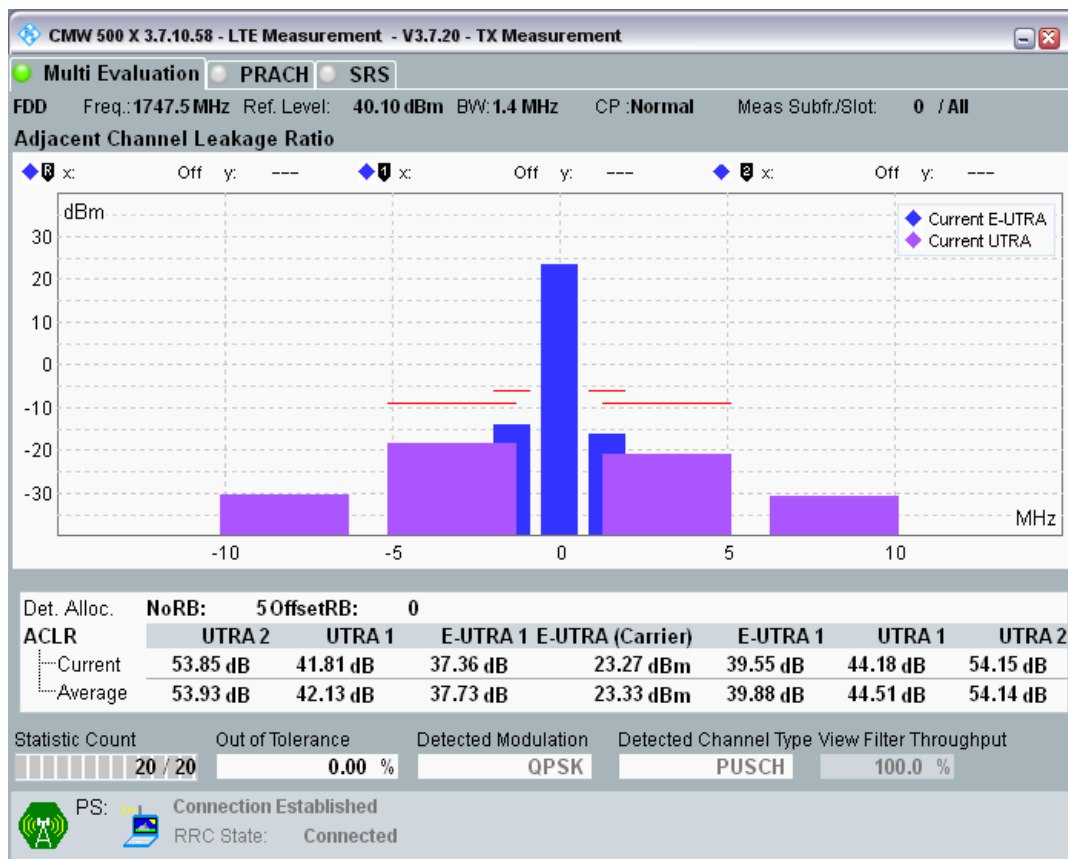
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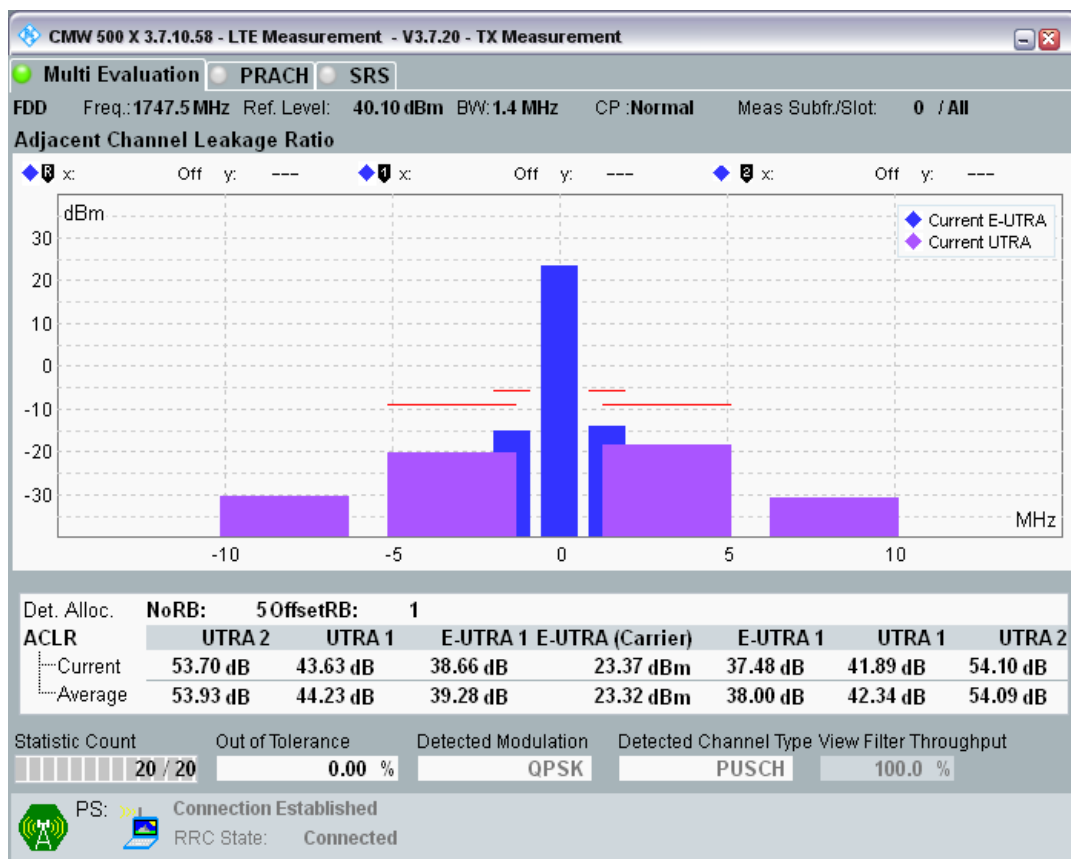
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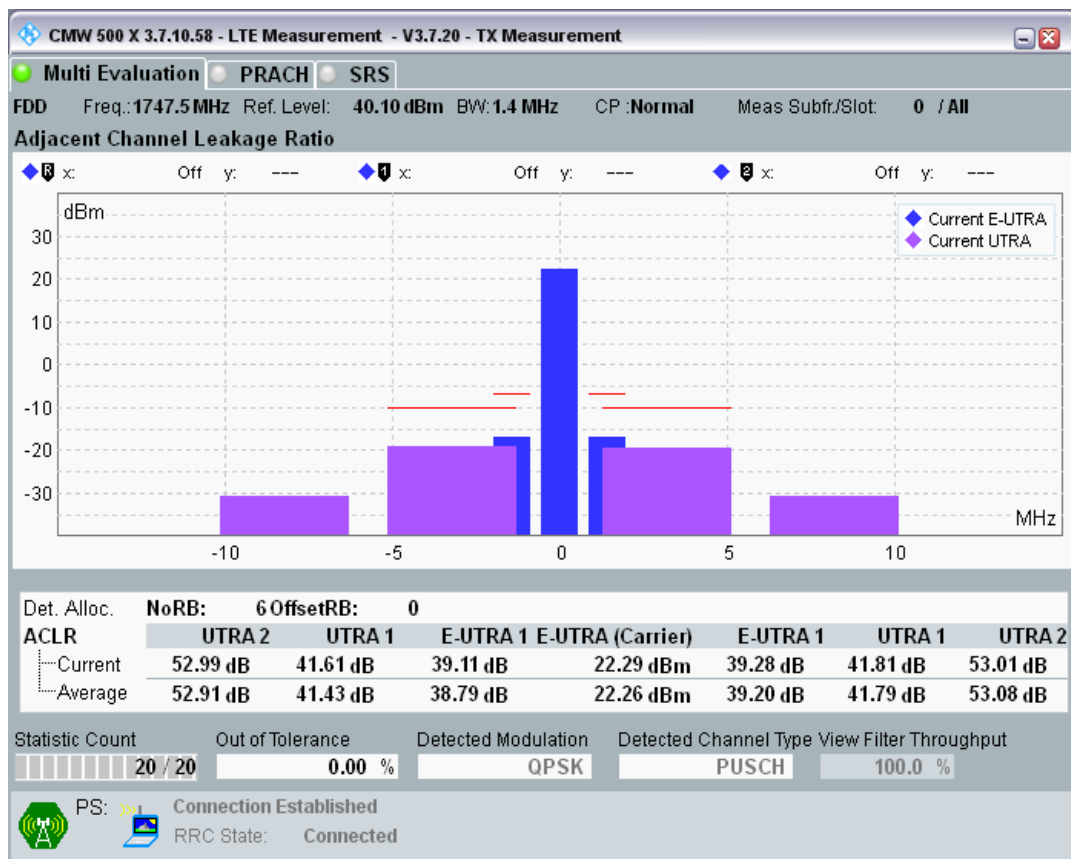
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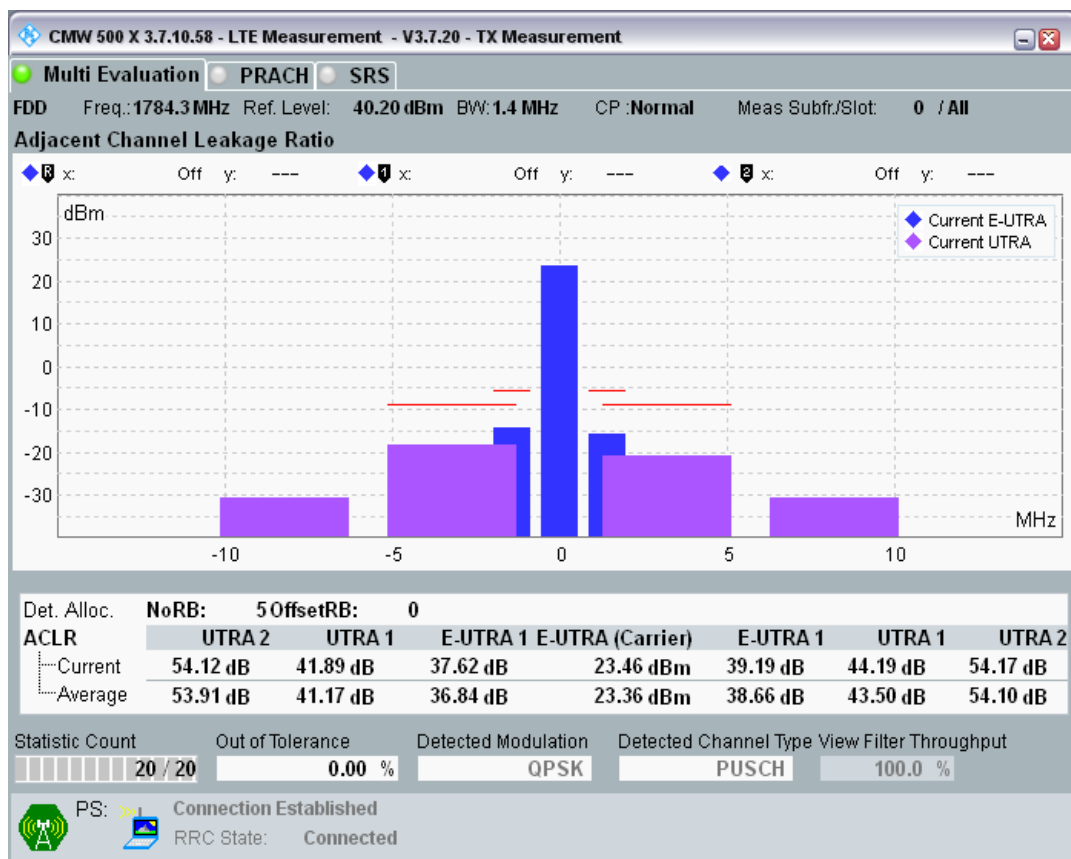
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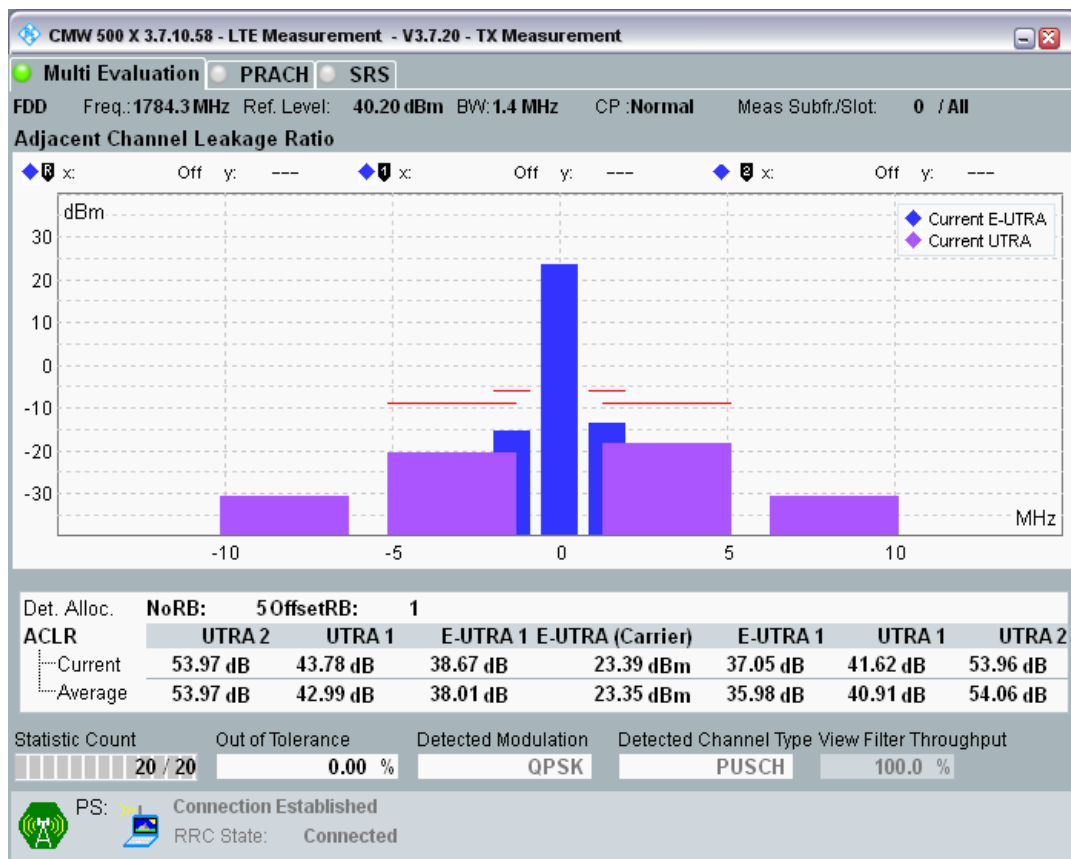
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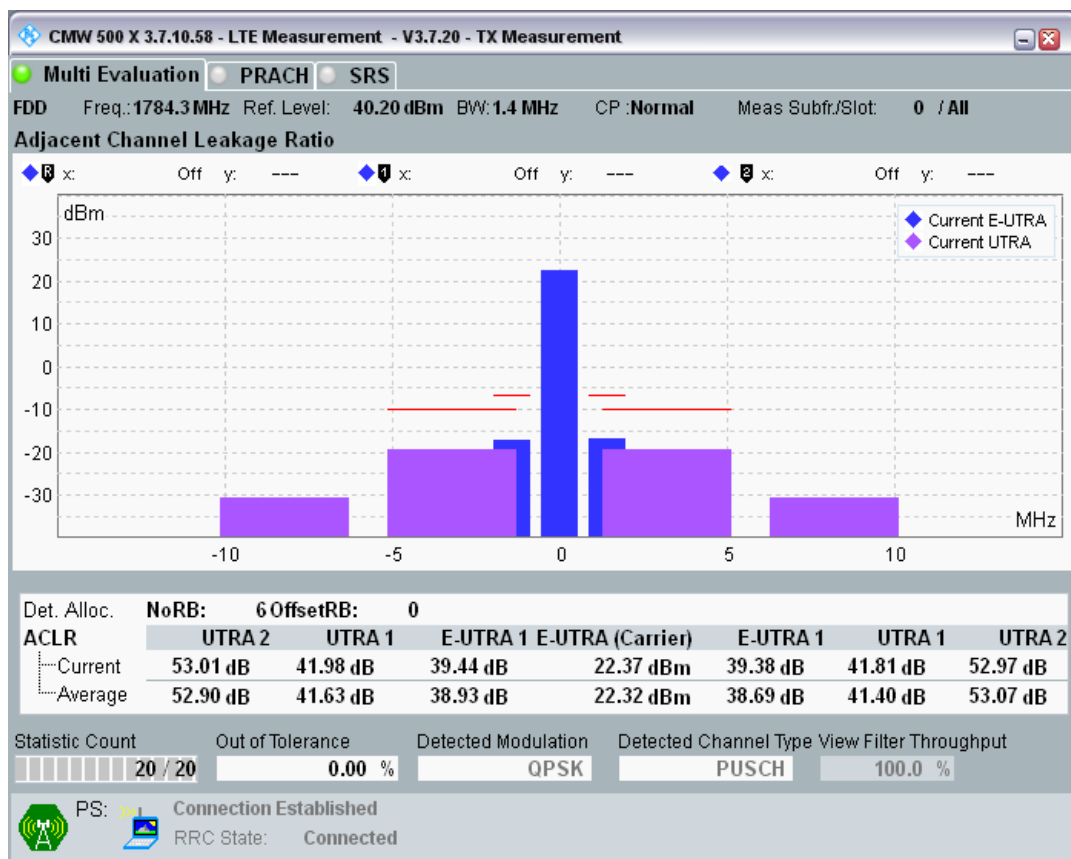
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



Band3 QPSK BW=1.4MHz Channel=19943 RB Size=6 Position=#0.png



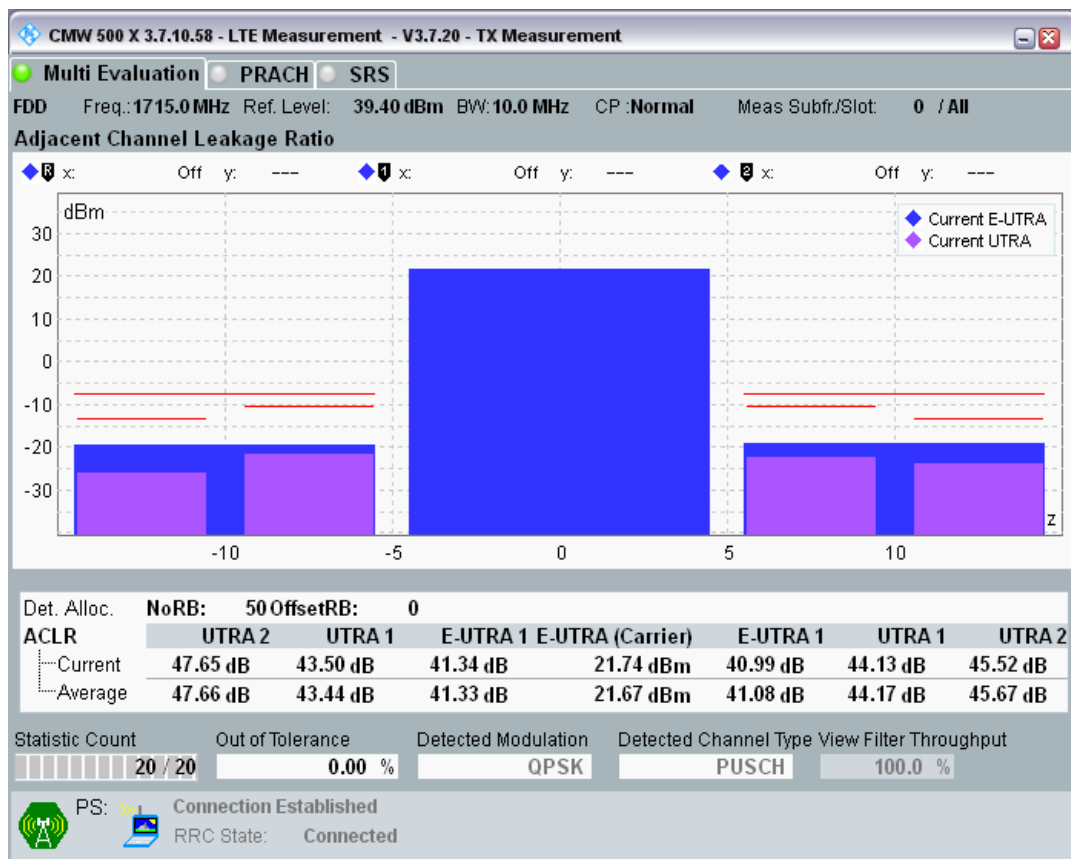
Band3 QPSK BW=10MHz Channel=19250 RB Size=12 Position=#0.png



Band3 QPSK BW=10MHz Channel=19250 RB Size=12 Position=#Max.png



Band3 QPSK BW=10MHz Channel=19250 RB Size=50 Position=#0.png



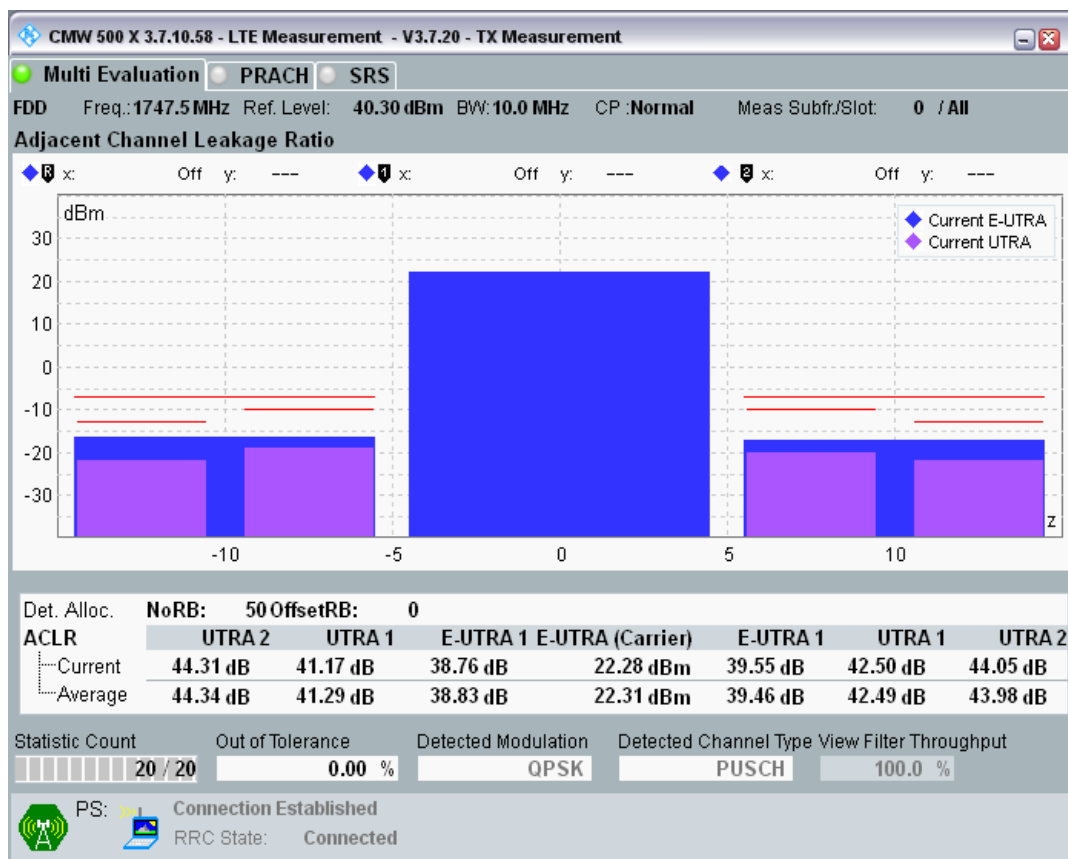
Band3 QPSK BW=10MHz Channel=19575 RB Size=12 Position=#0.png



Band3 QPSK BW=10MHz Channel=19575 RB Size=12 Position=#Max.png



Band3 QPSK BW=10MHz Channel=19575 RB Size=50 Position=#0.png



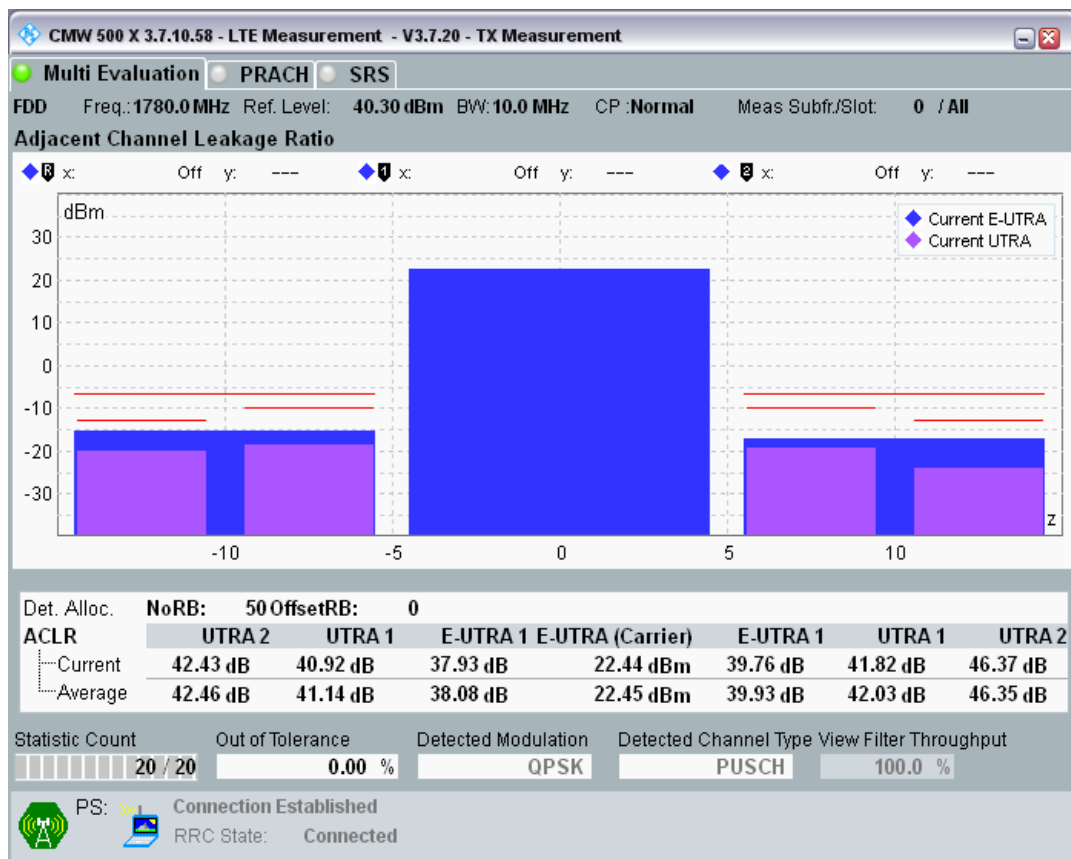
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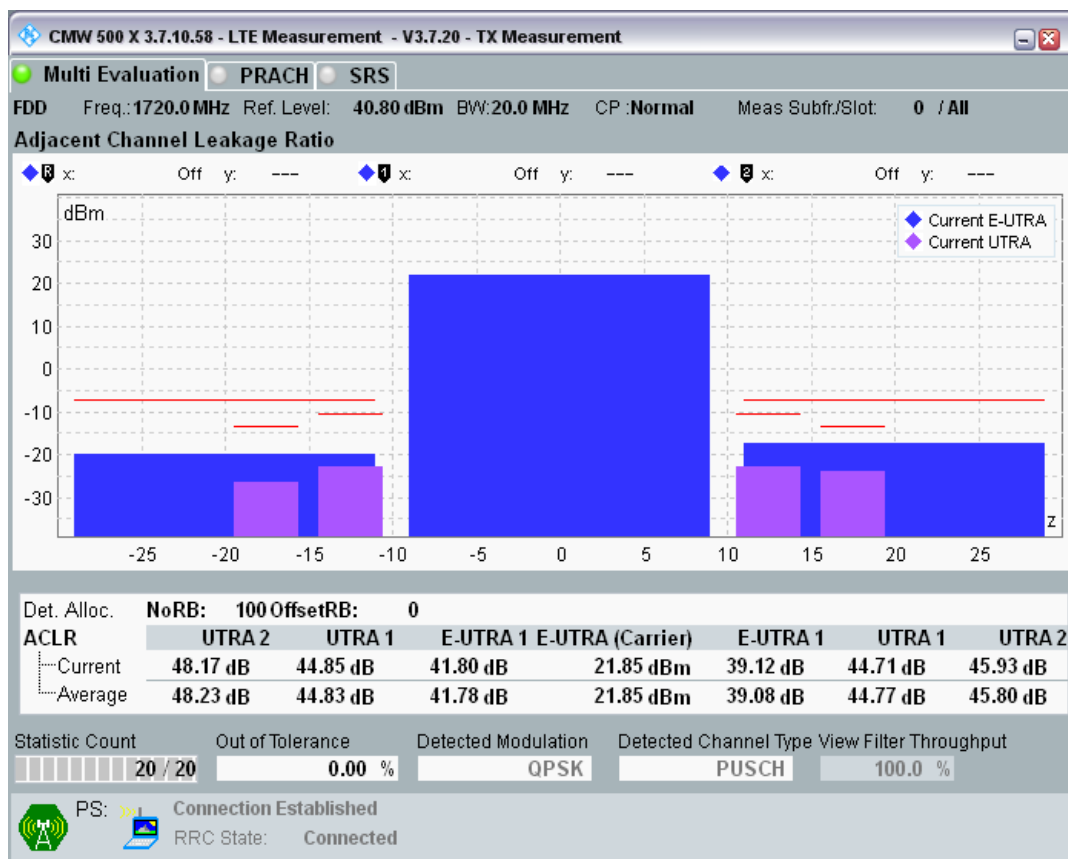
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Band3 QPSK BW=10MHz Channel=19900 RB Size=50 Position=#0.png



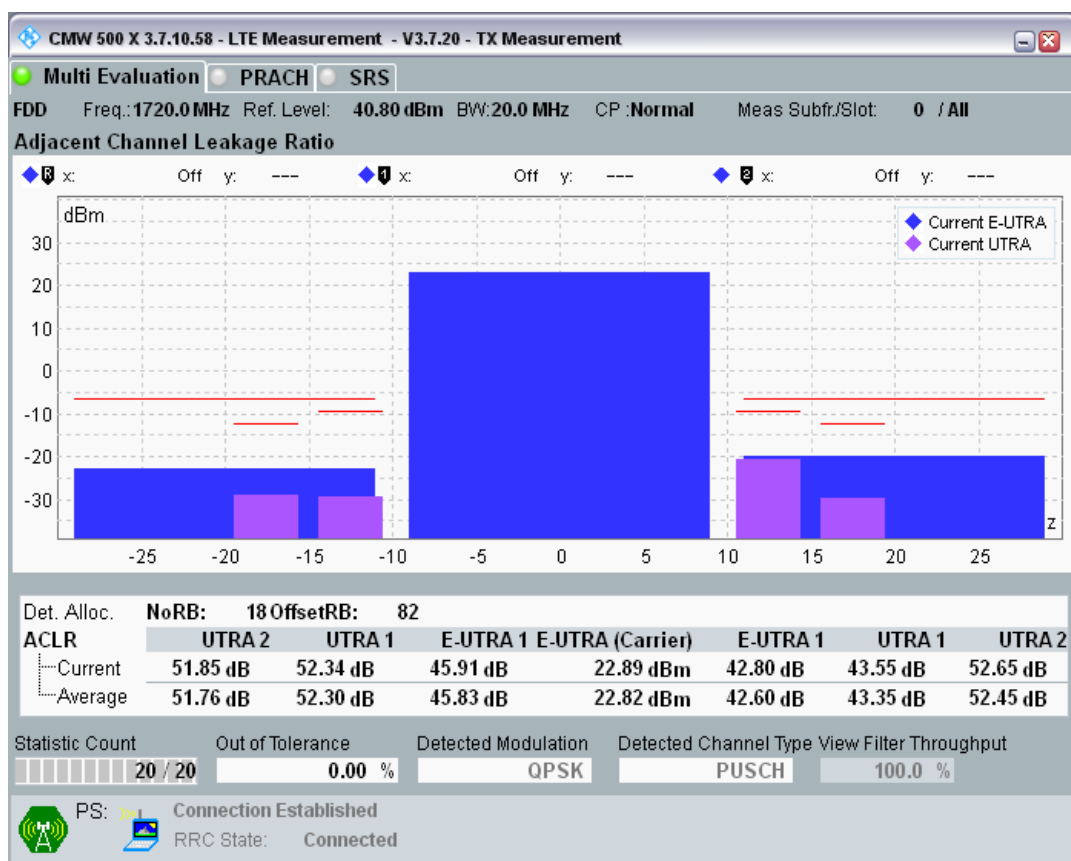
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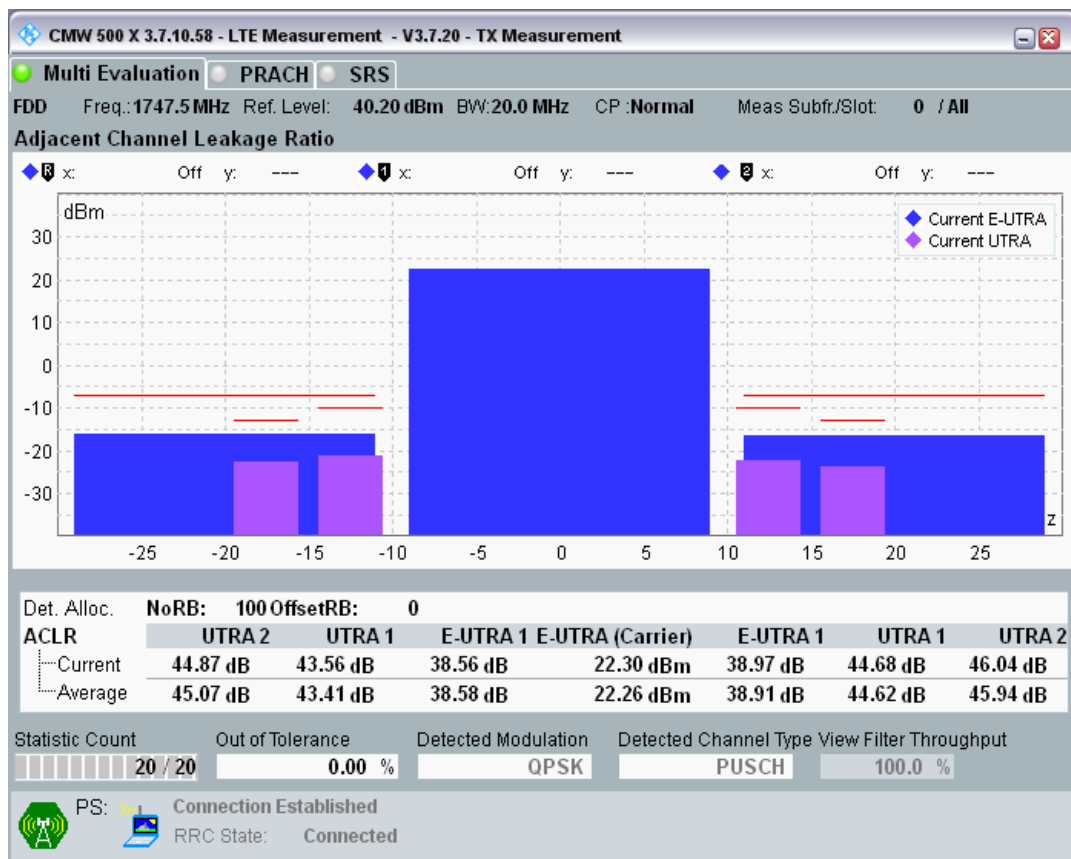
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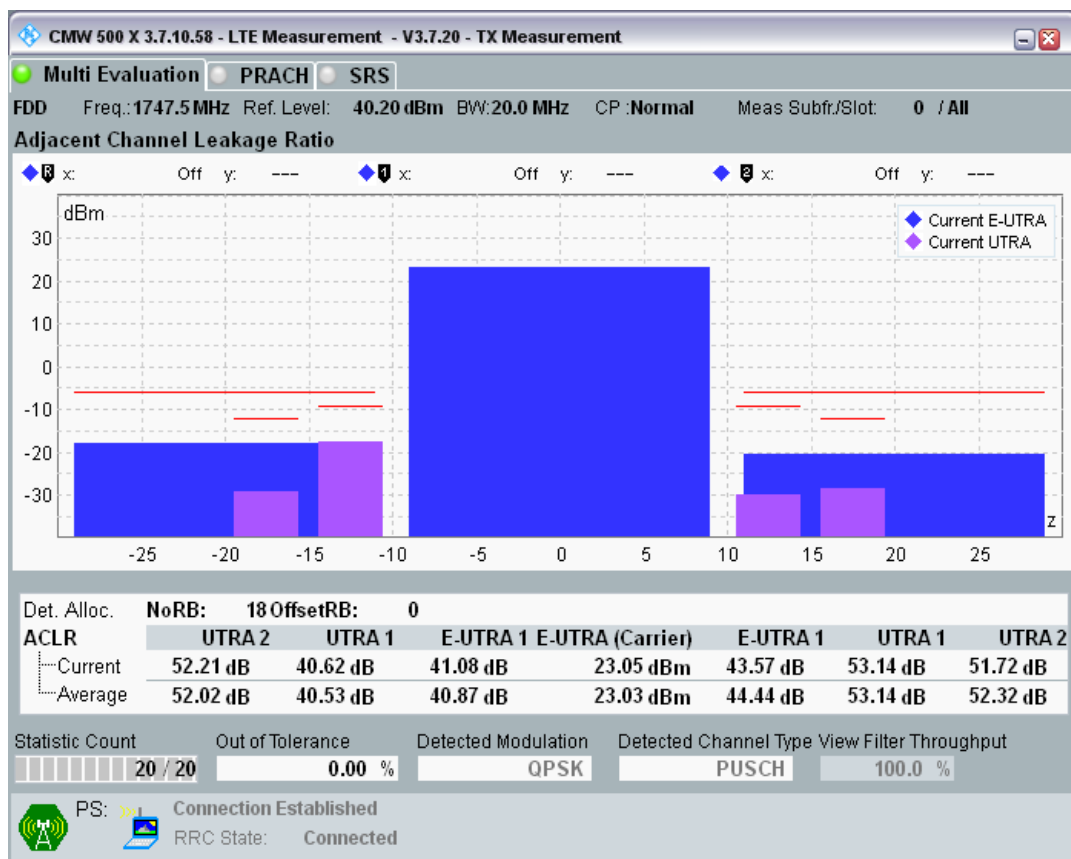
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Band3 QPSK BW=20MHz Channel=19575 RB Size=100 Position=#0.png



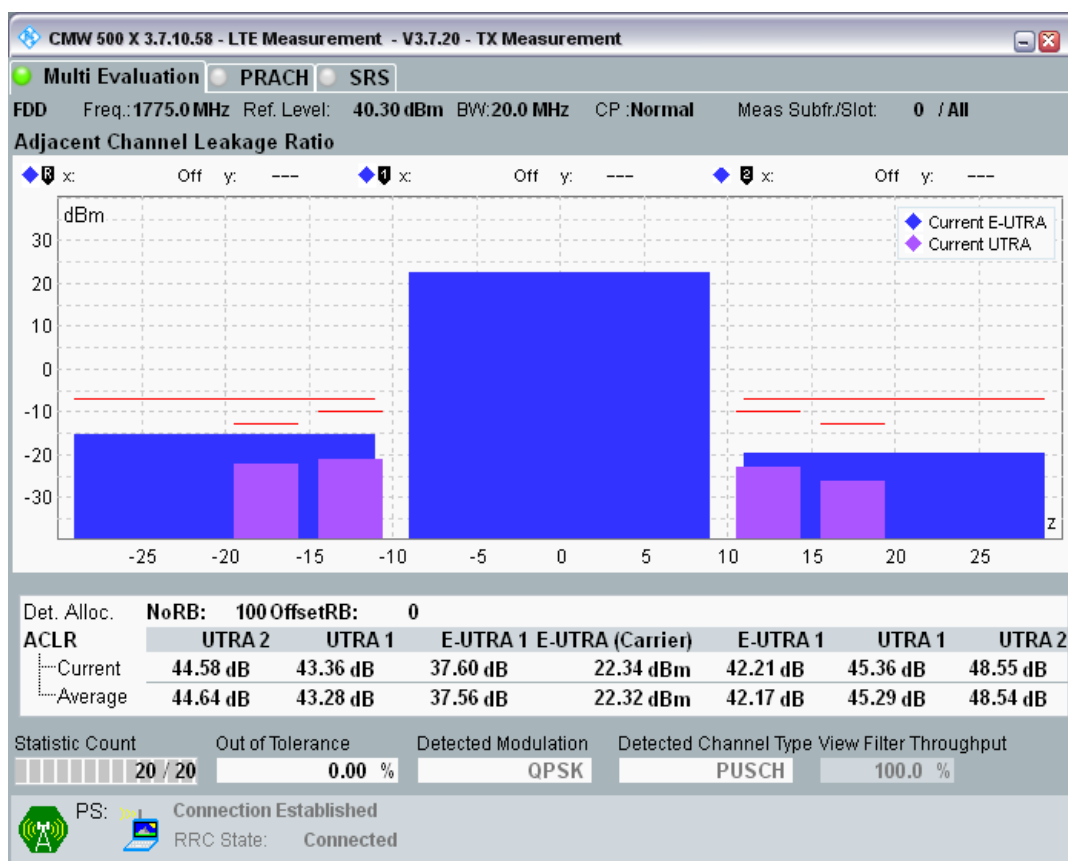
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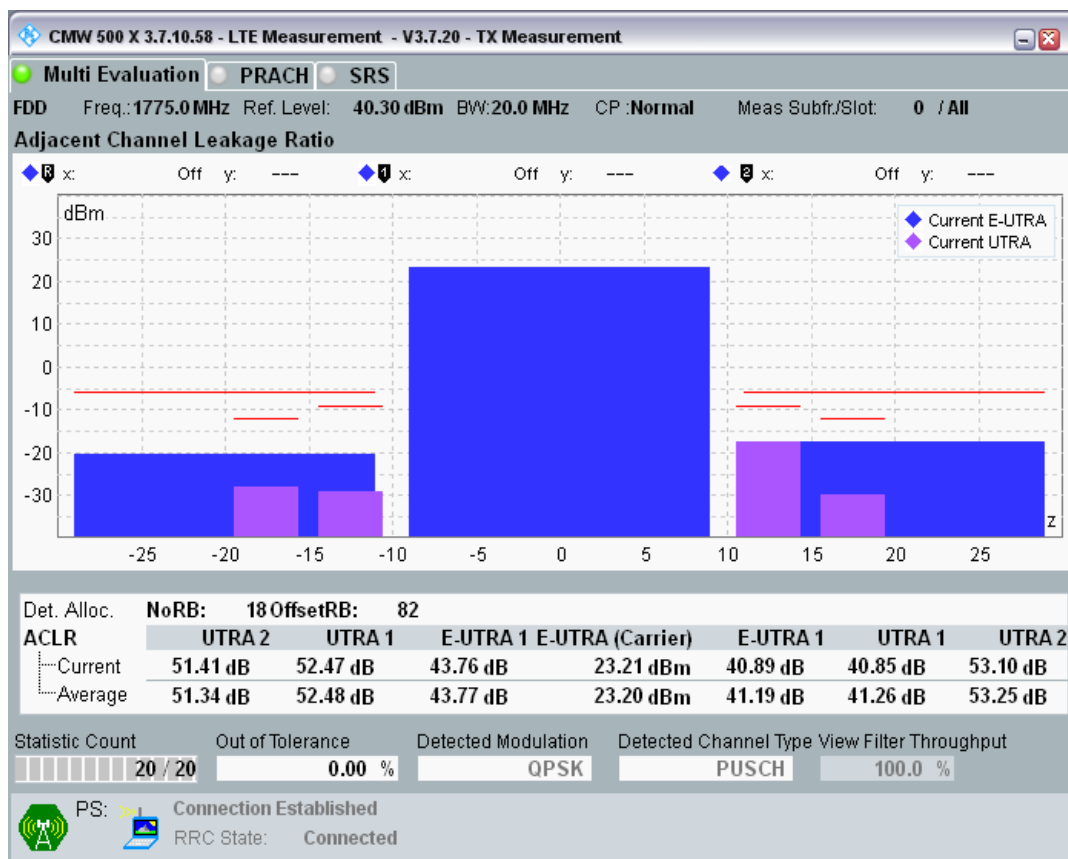
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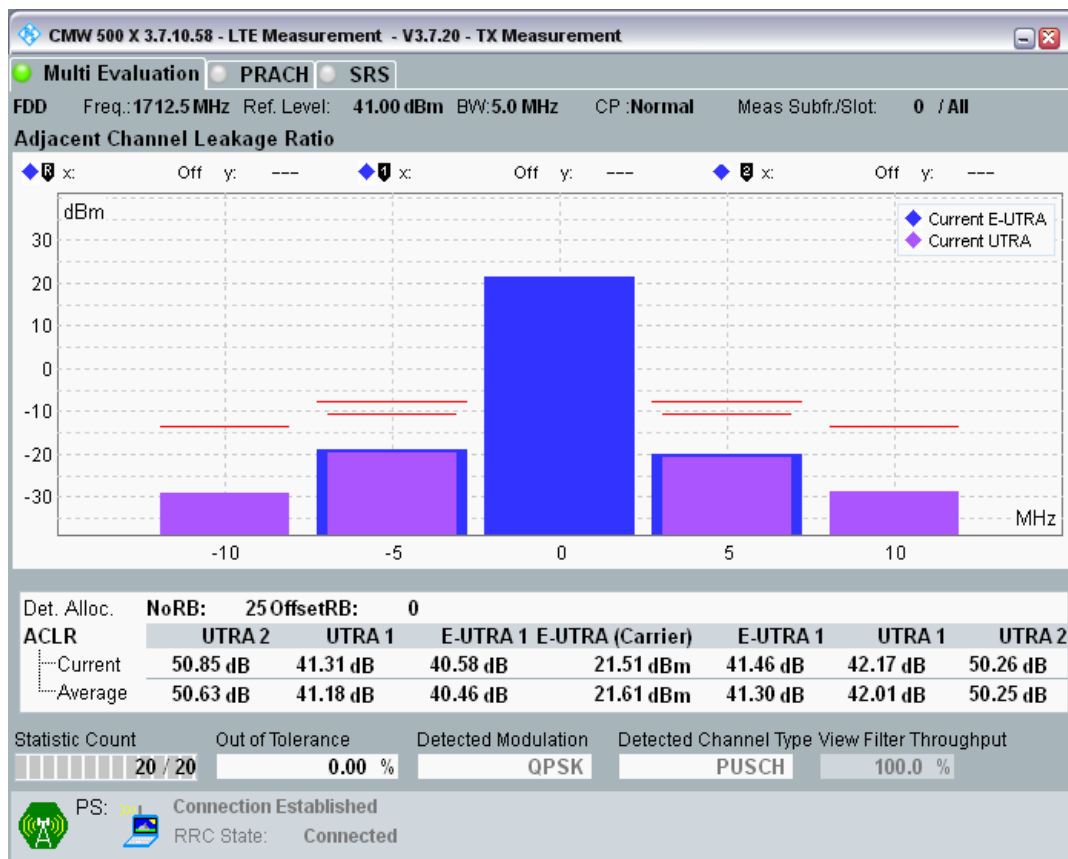
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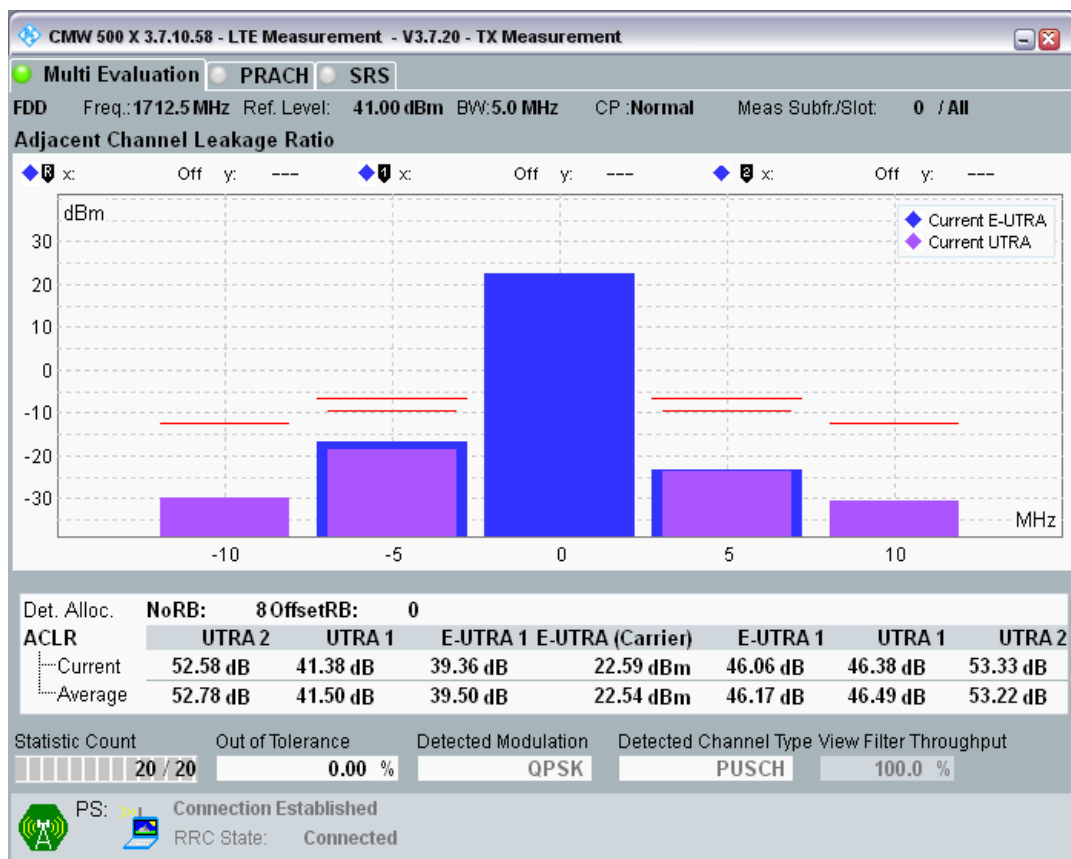
Band3 QPSK BW=20MHz Channel=19850 RB Size=18 Position=#Max.png



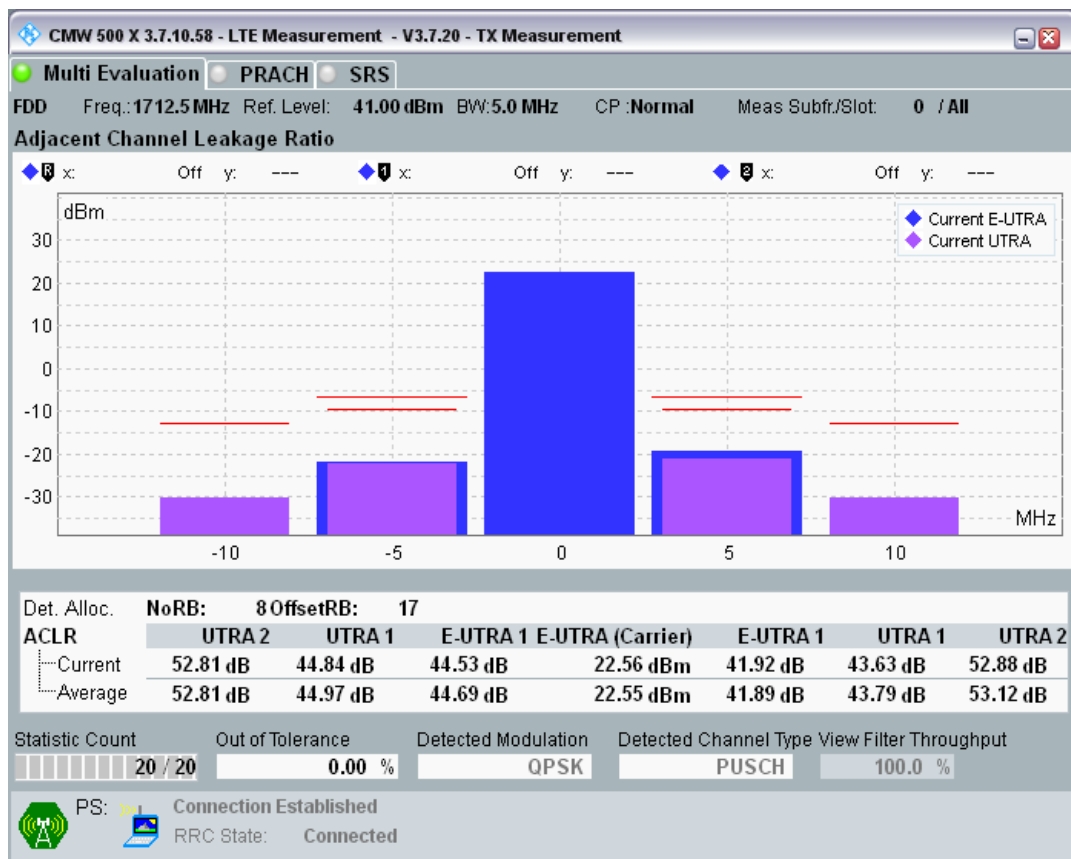
Band3 QPSK BW=5MHz Channel=19225 RB Size=25 Position=#0.png



Band3 QPSK BW=5MHz Channel=19225 RB Size=8 Position=#0.png



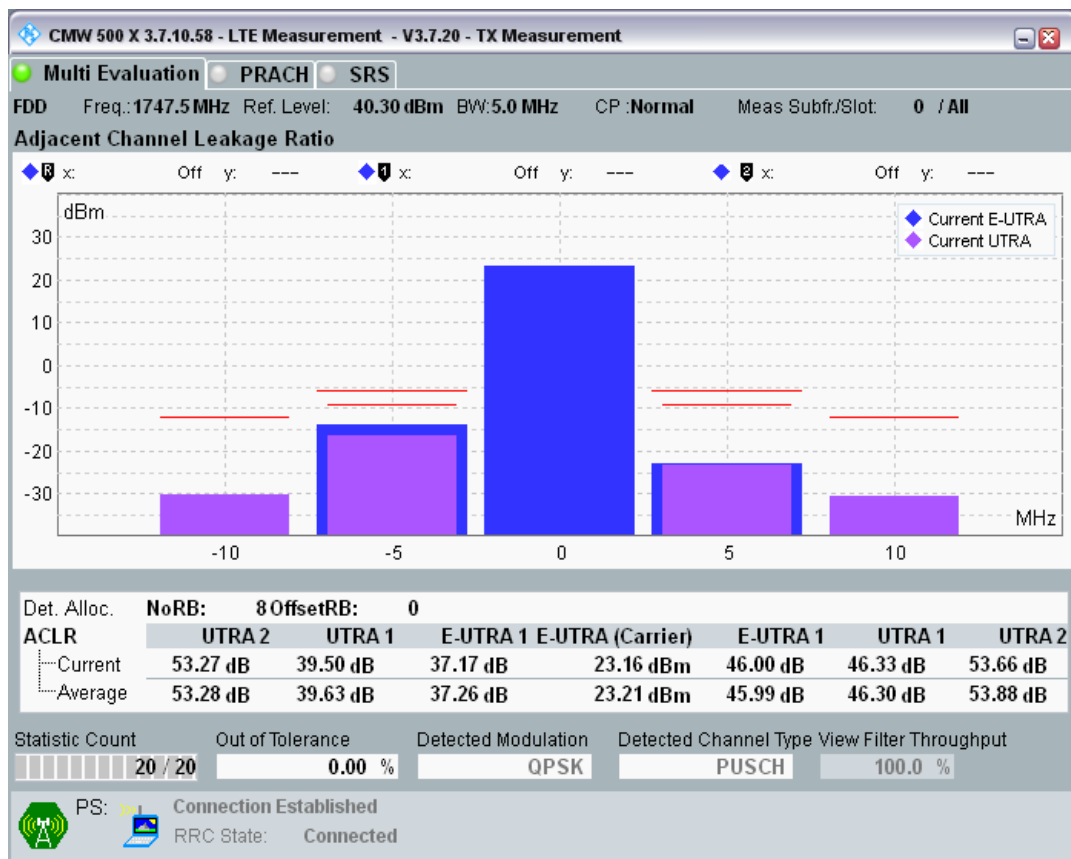
Band3 QPSK BW=5MHz Channel=19225 RB Size=8 Position=#Max.png



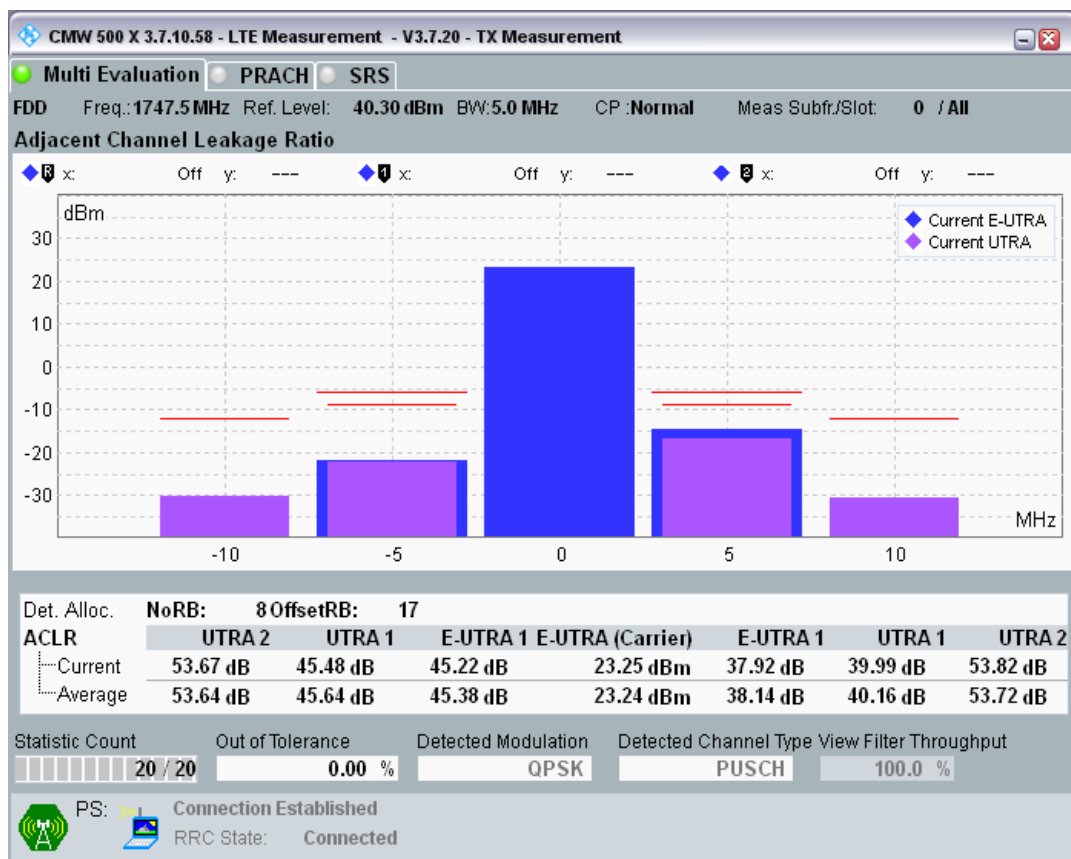
Band3 QPSK BW=5MHz Channel=19575 RB Size=25 Position=#0.png



Band3 QPSK BW=5MHz Channel=19575 RB Size=8 Position=#0.png



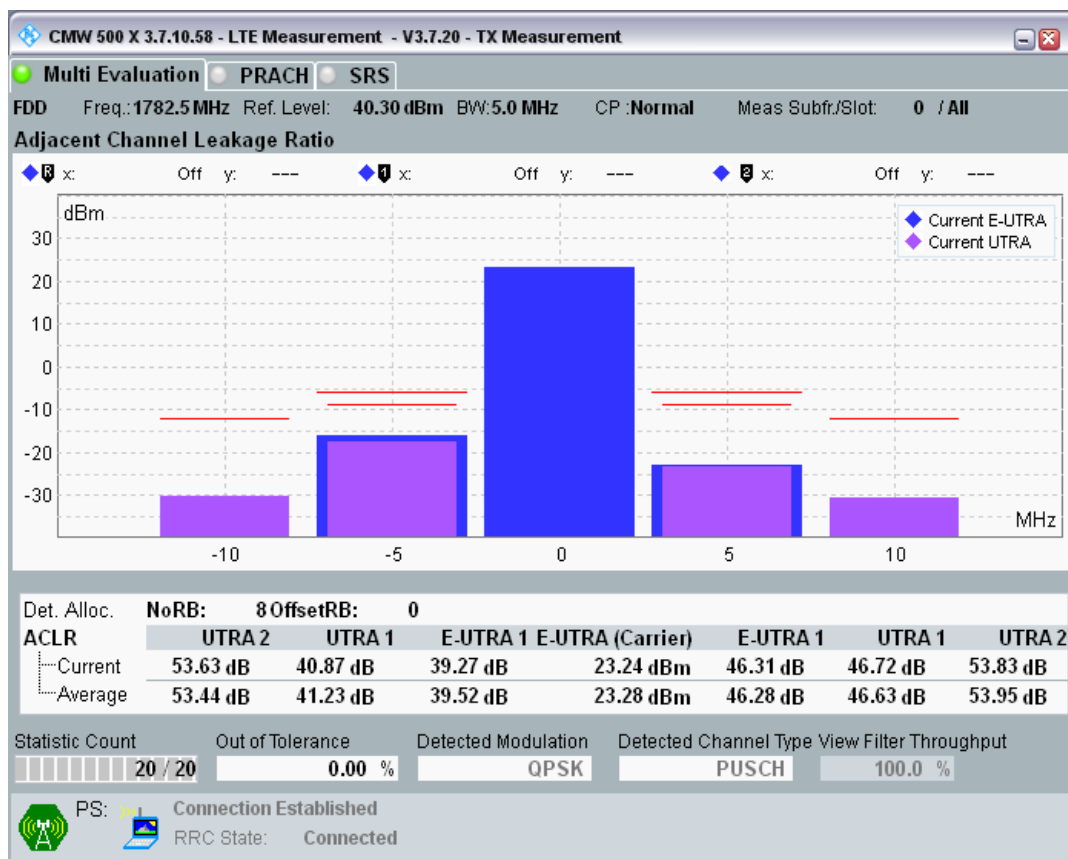
Band3 QPSK BW=5MHz Channel=19575 RB Size=8 Position=#Max.png



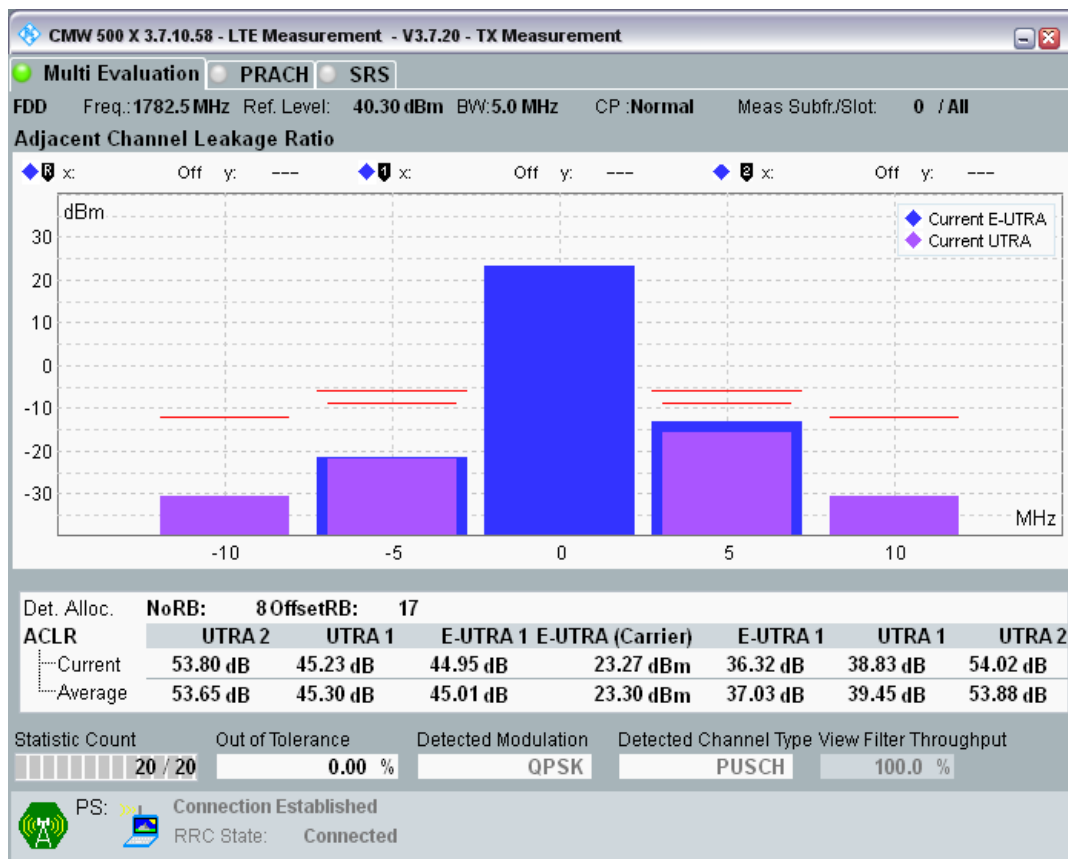
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Band3 QPSK BW=5MHz Channel=19925 RB Size=8 Position=#0.png



Band3 QPSK BW=5MHz Channel=19925 RB Size=8 Position=#Max.png



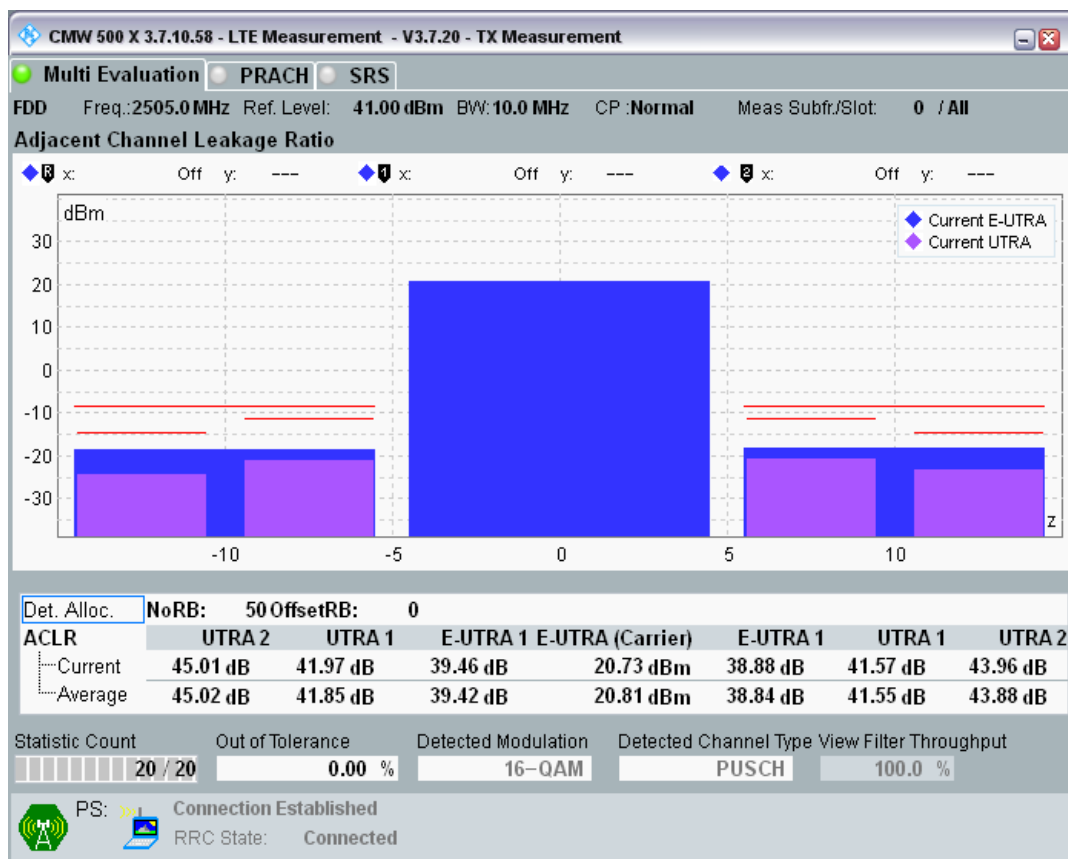
Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#0.png



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



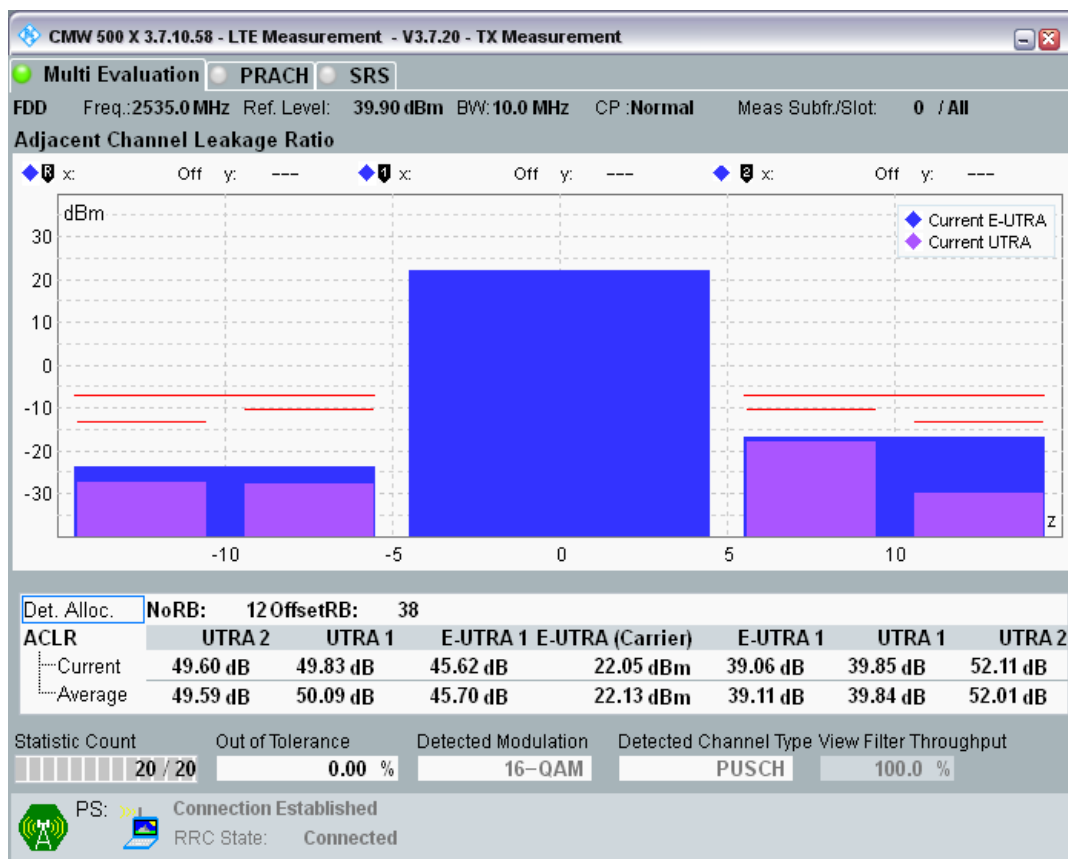
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0.png



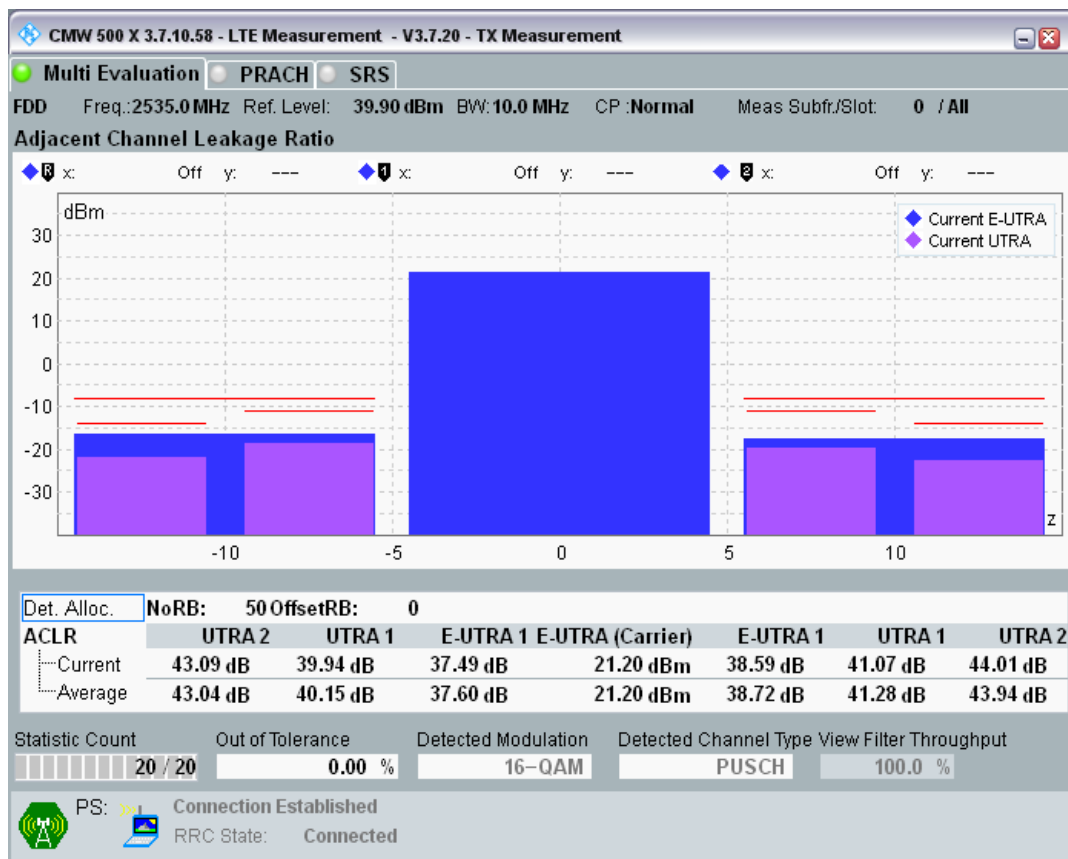
Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#0.png



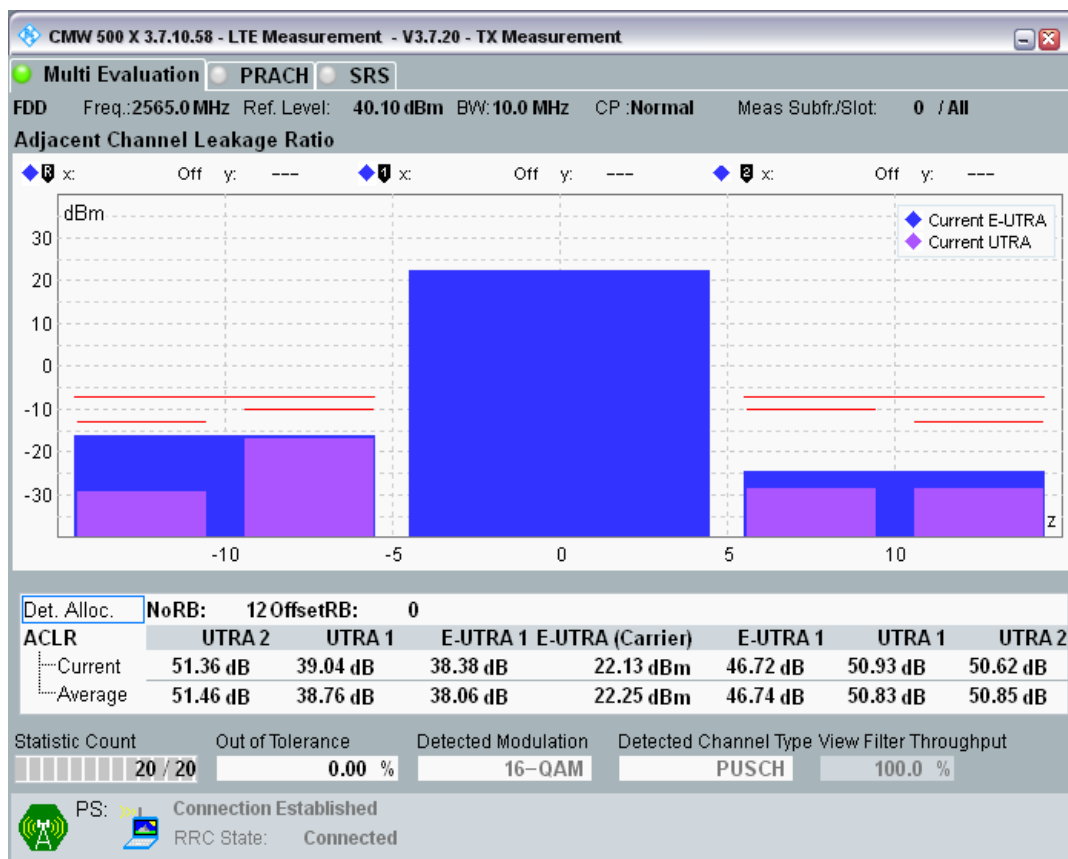
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Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0.png



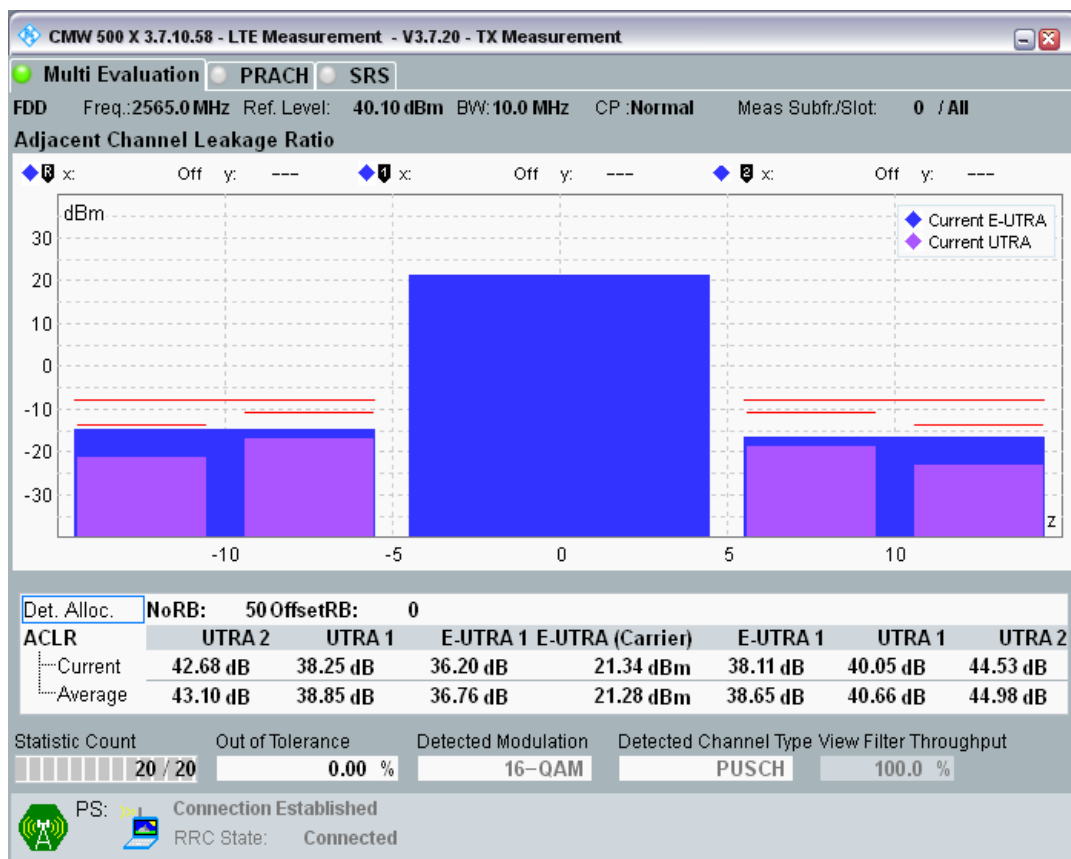
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Band7 QAM16 BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



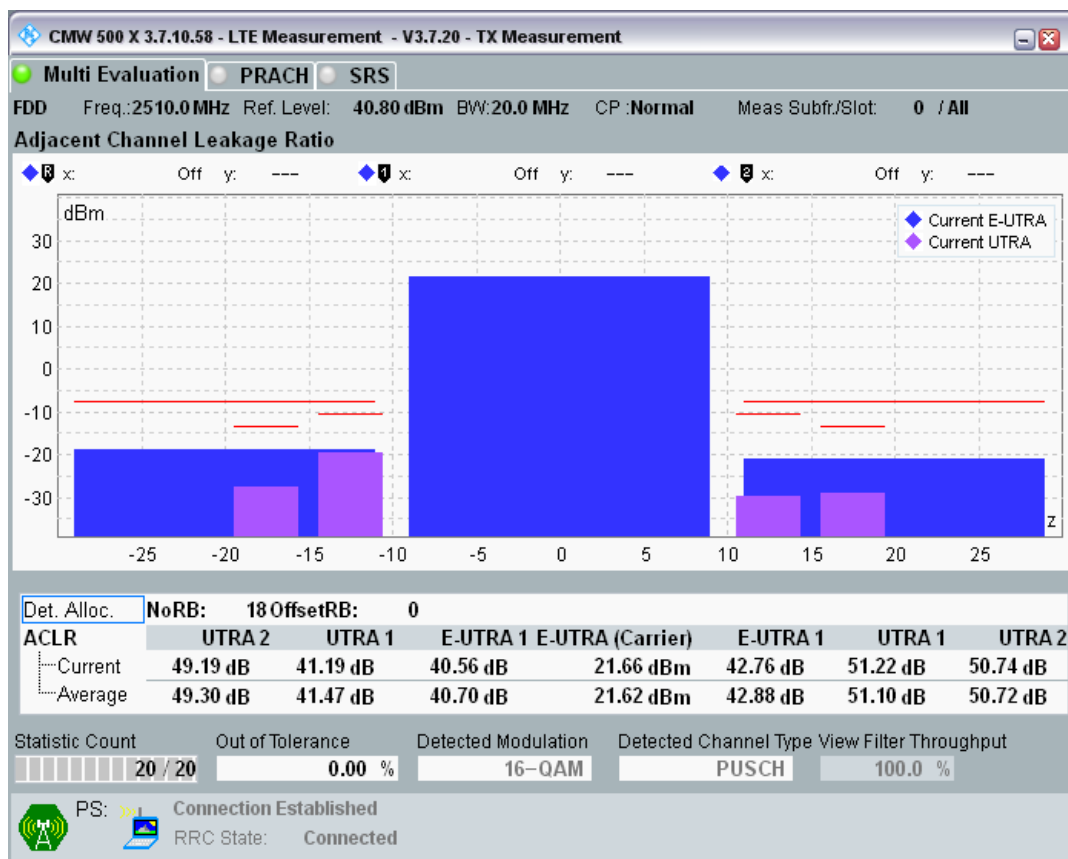
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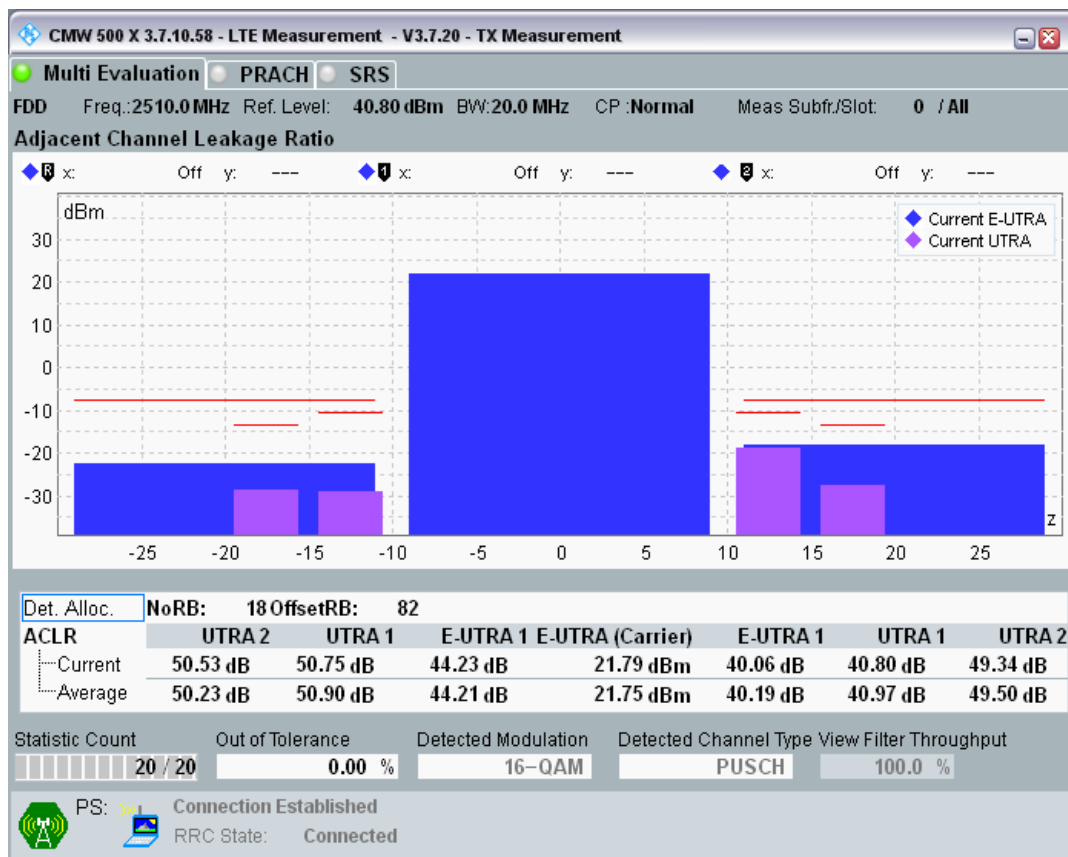
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0.png



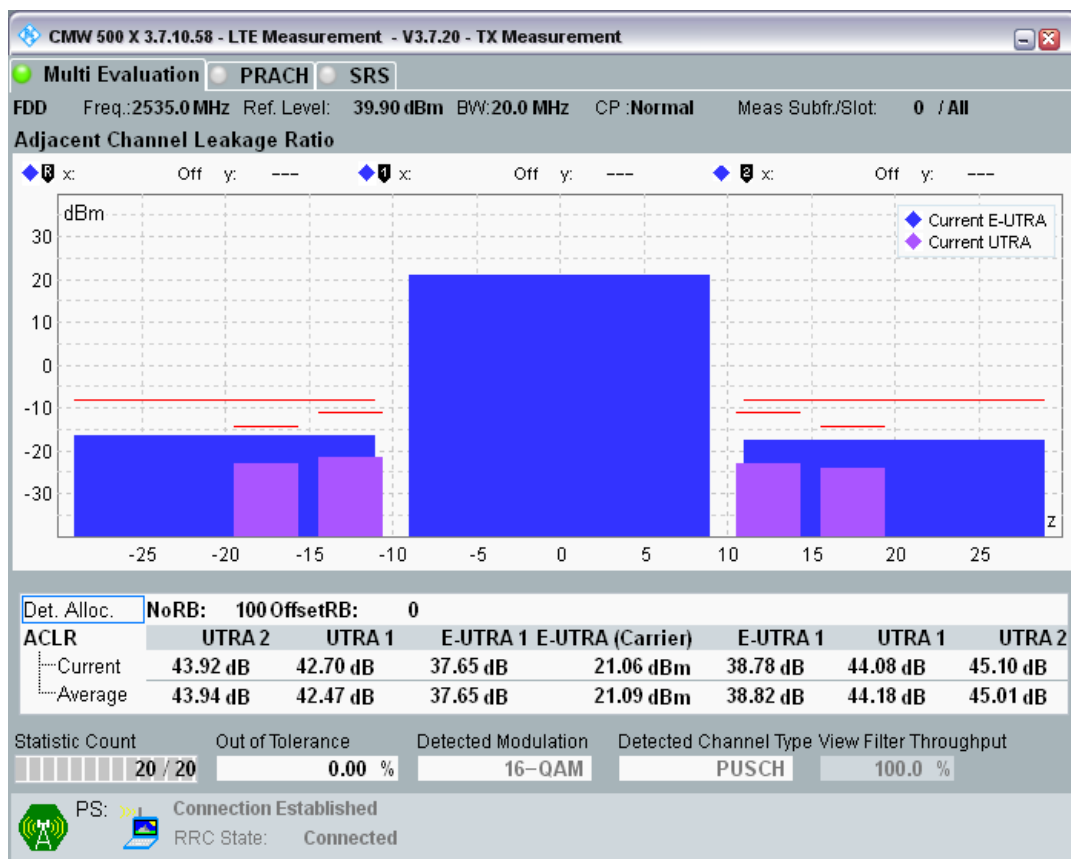
Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#0.png



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



Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0.png



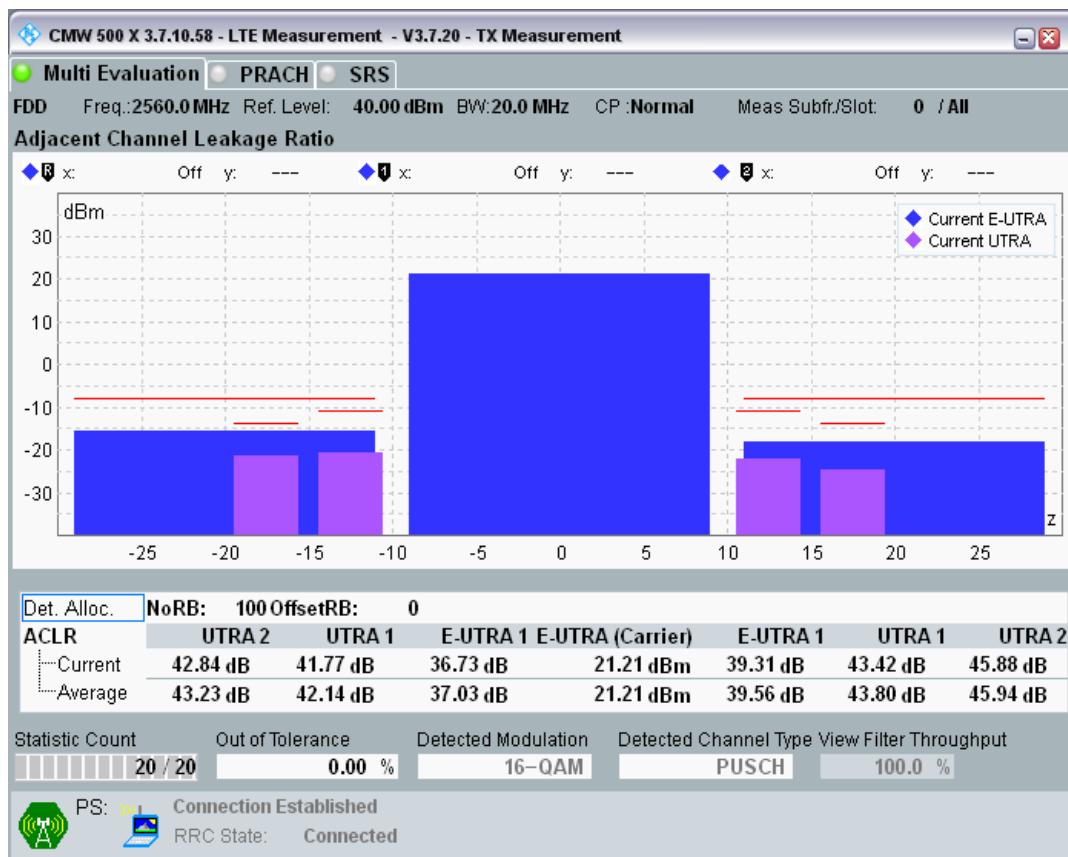
Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#0.png



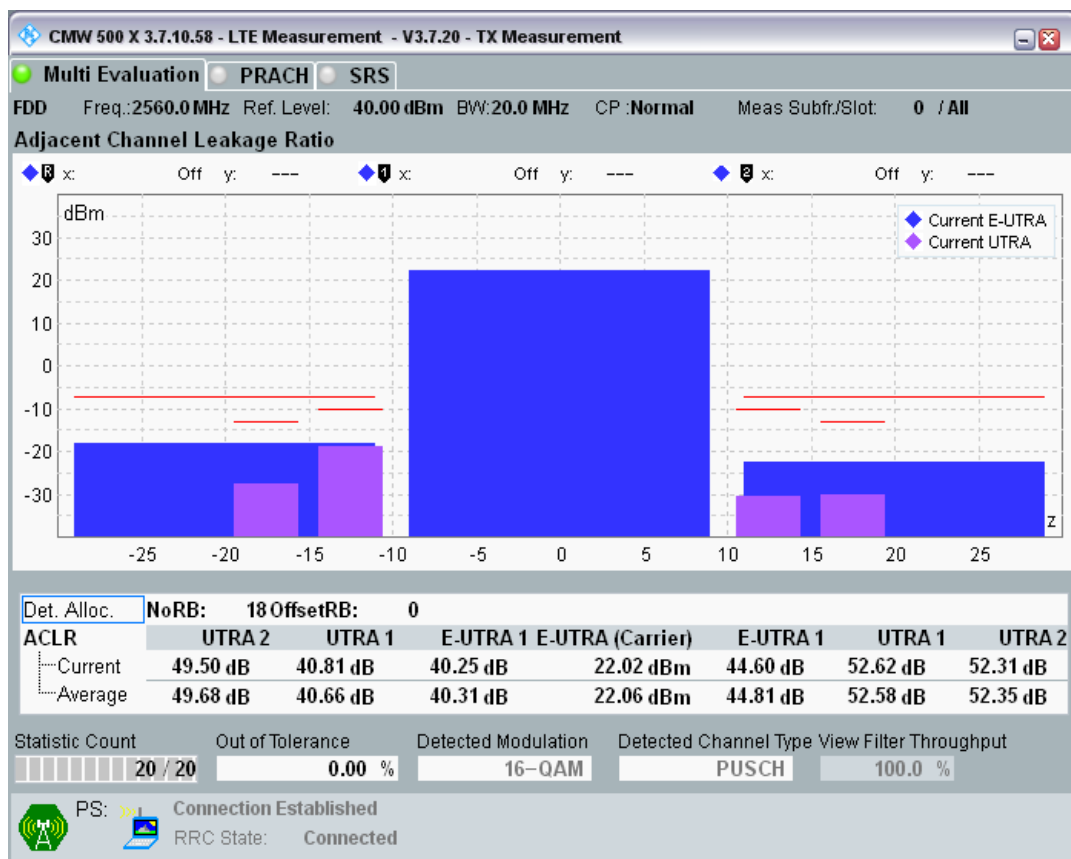
Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#Max.png



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



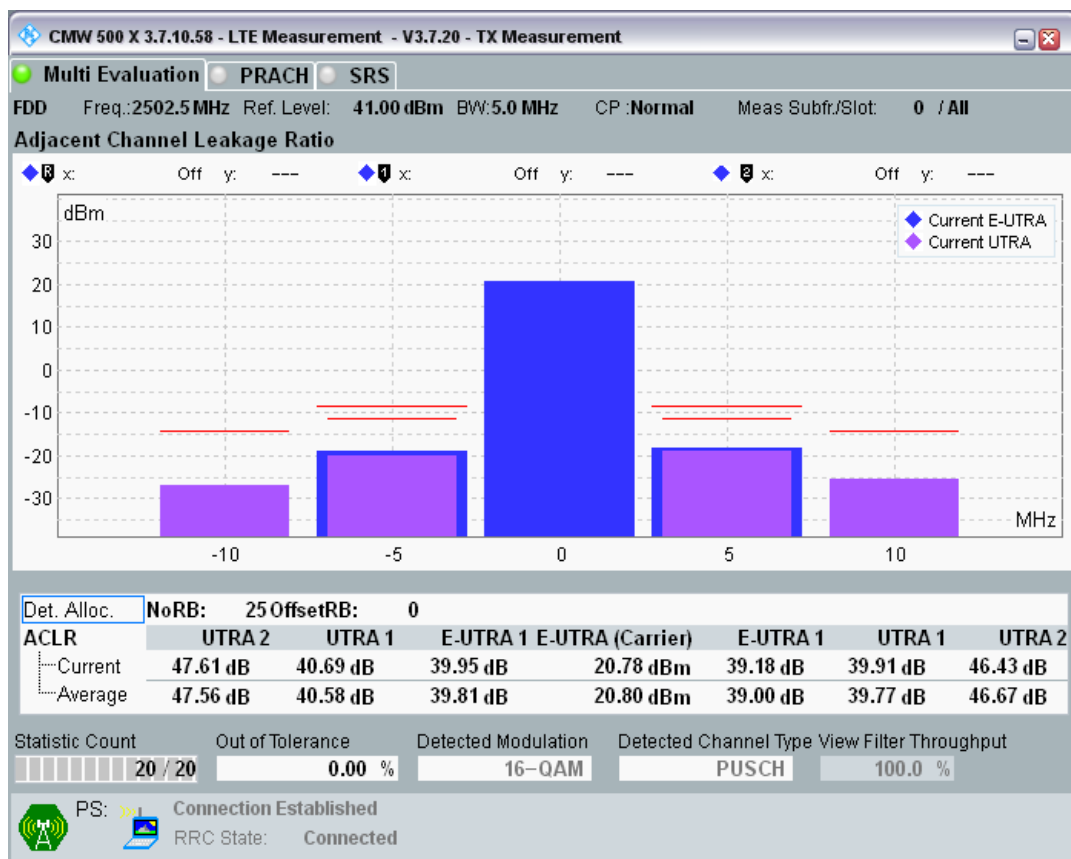
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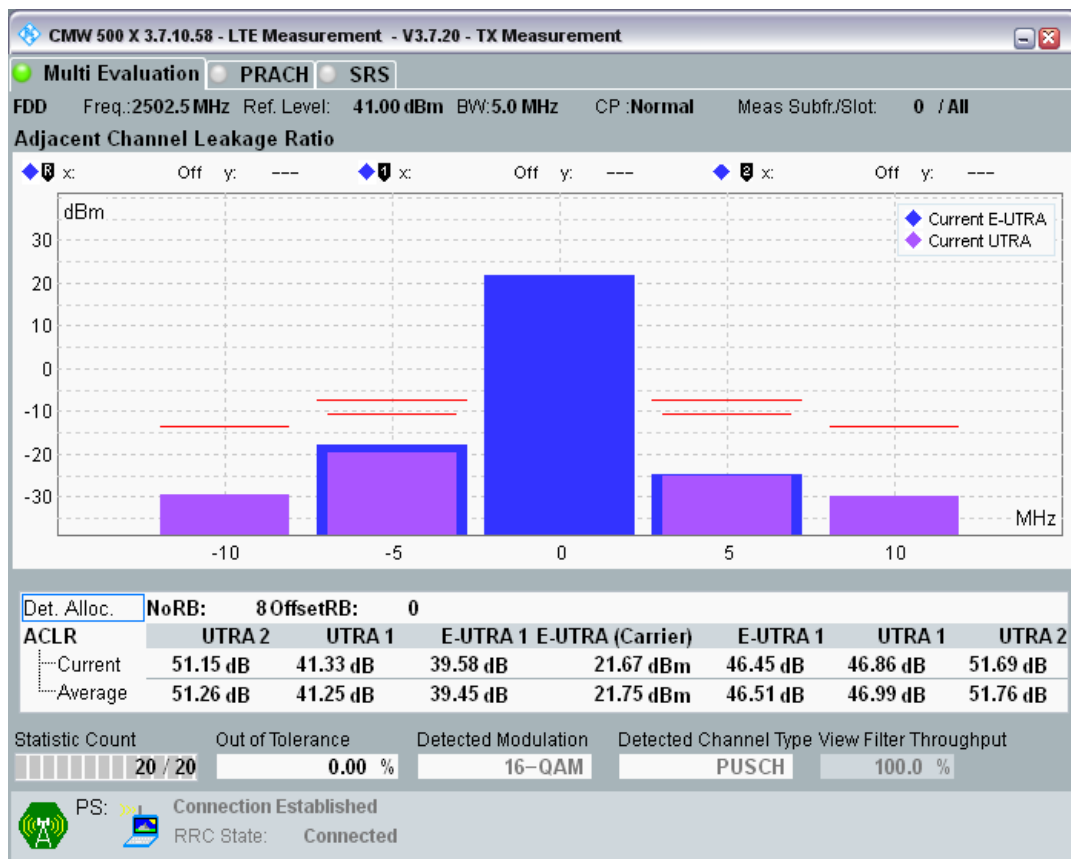
Band7 QAM16 BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



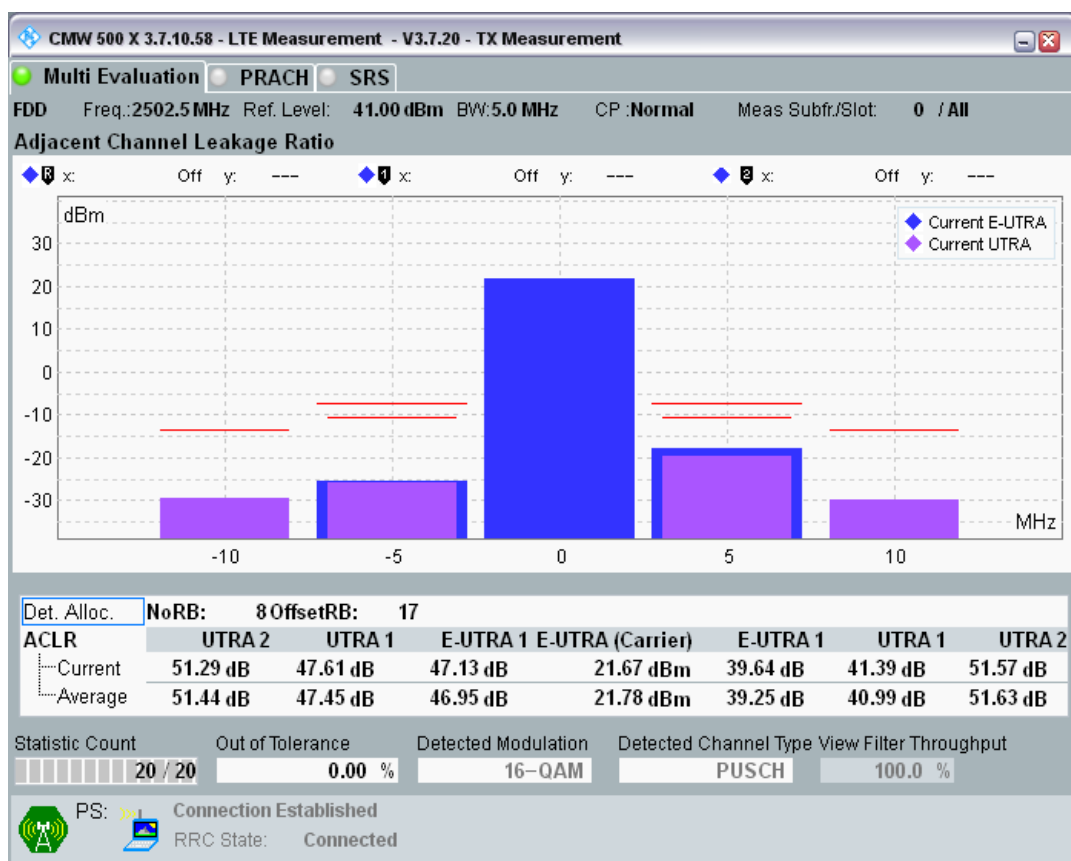
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0.png



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



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



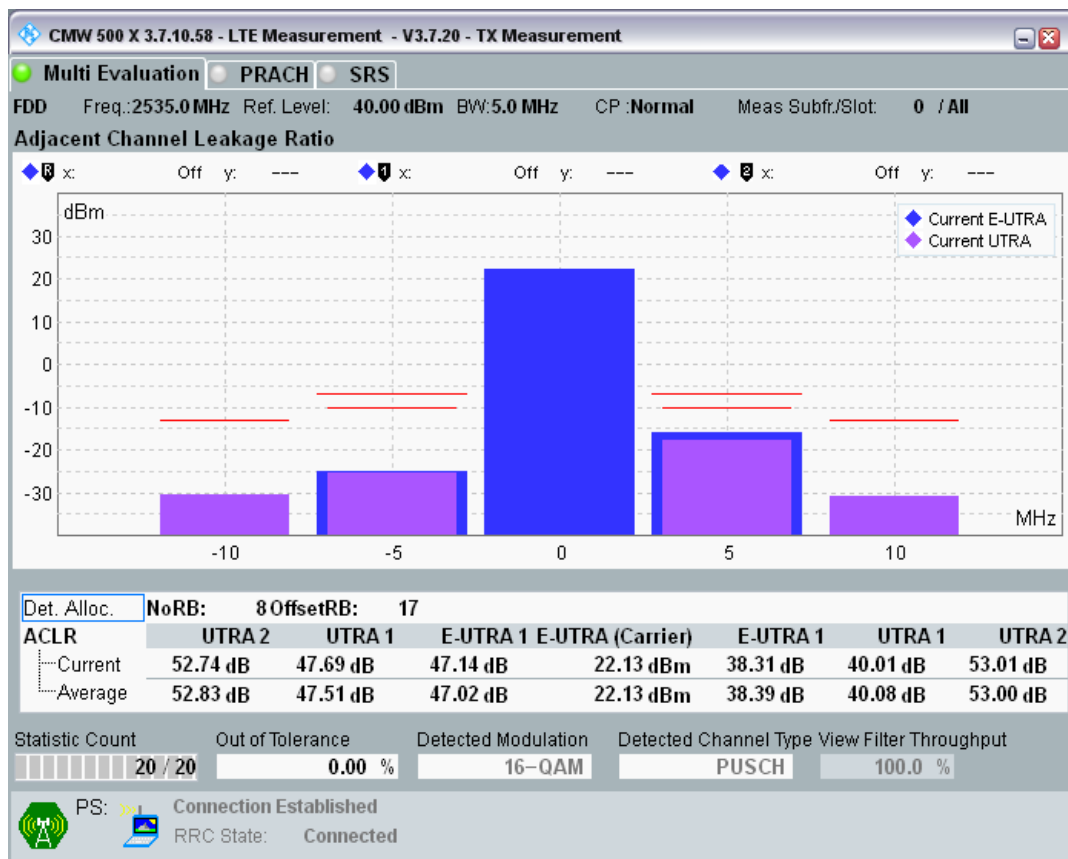
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0.png



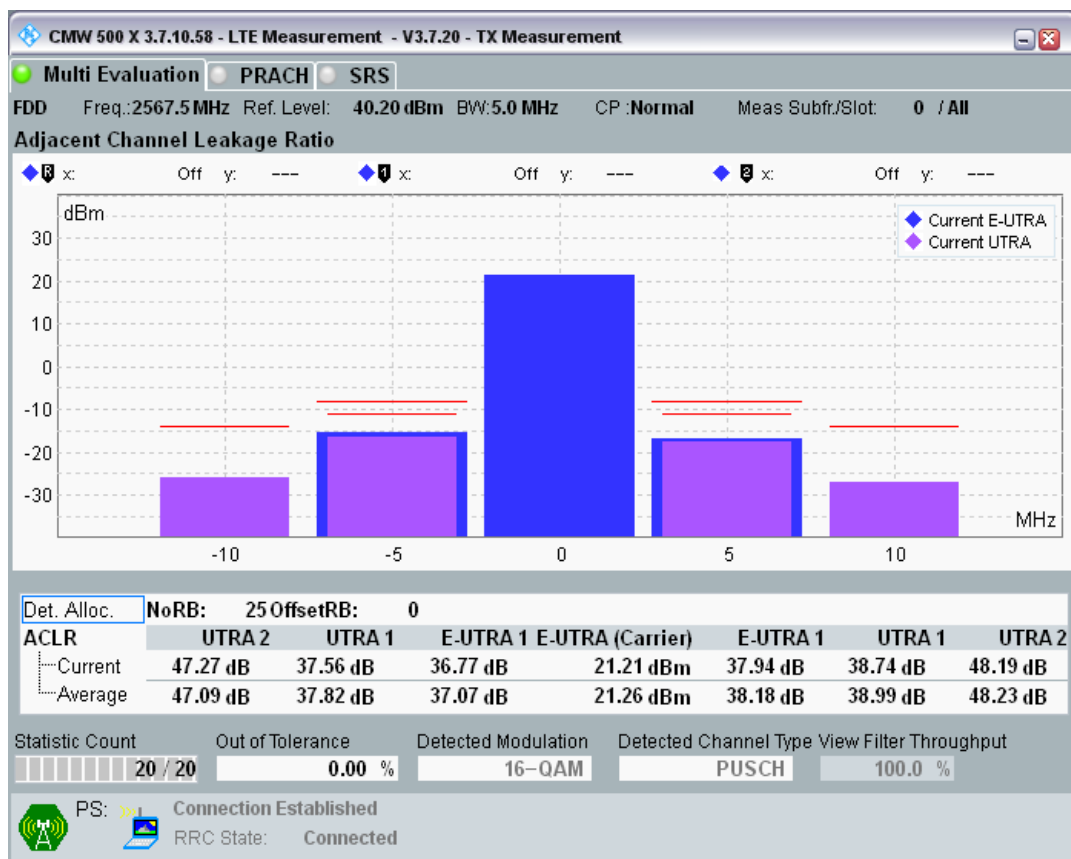
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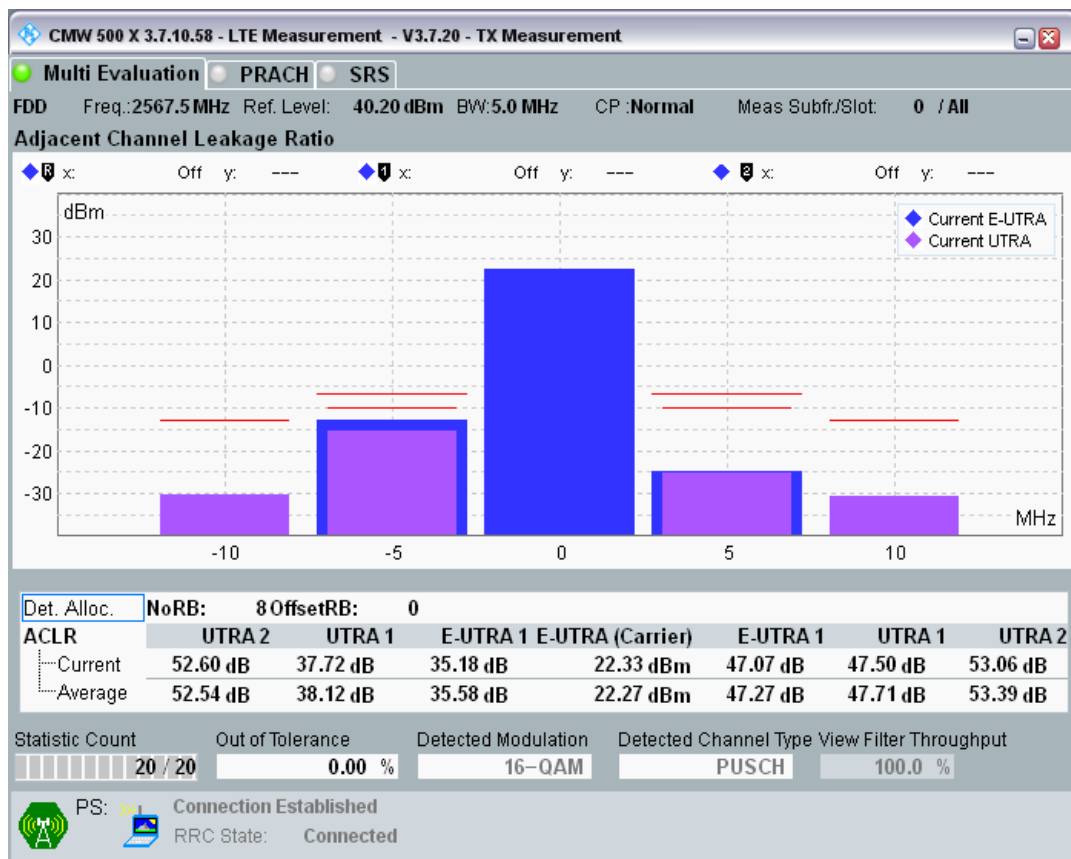
Band7 QAM16 BW=5MHz Channel=21100 RB Size=8 Position=#Max.png



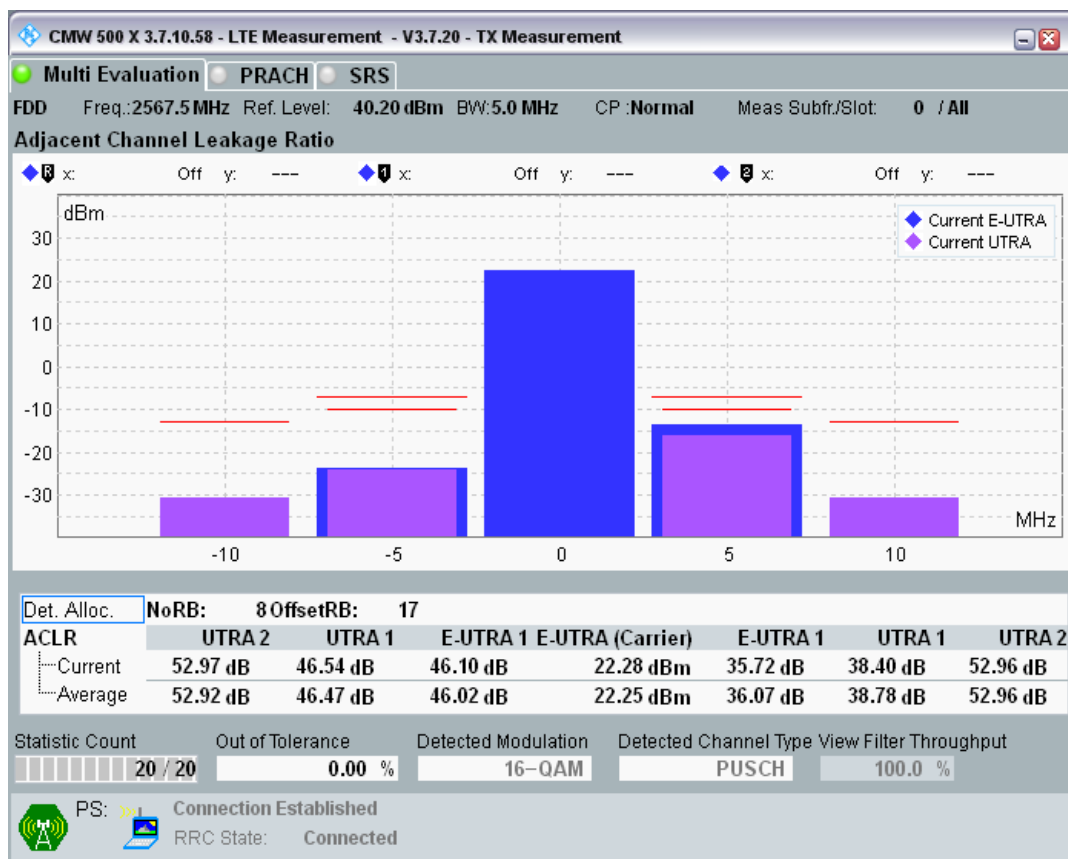
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0.png



Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#0.png



Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#Max.png



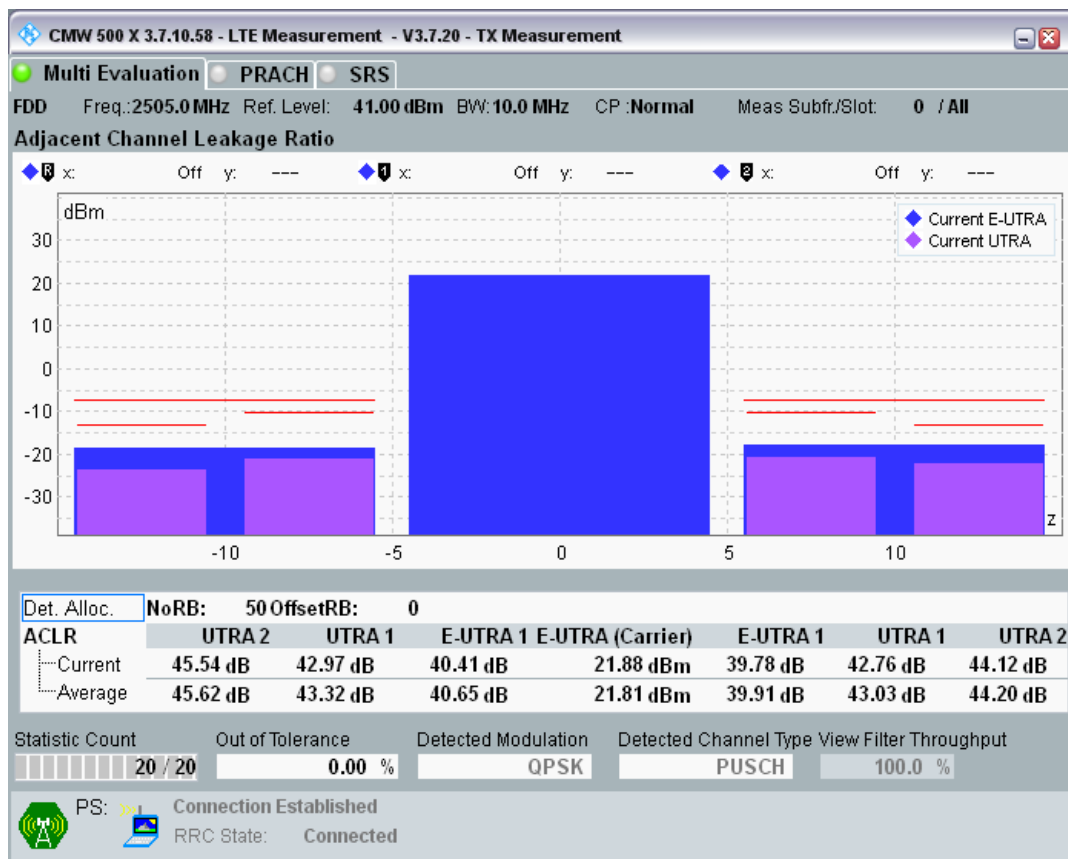
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#0.png



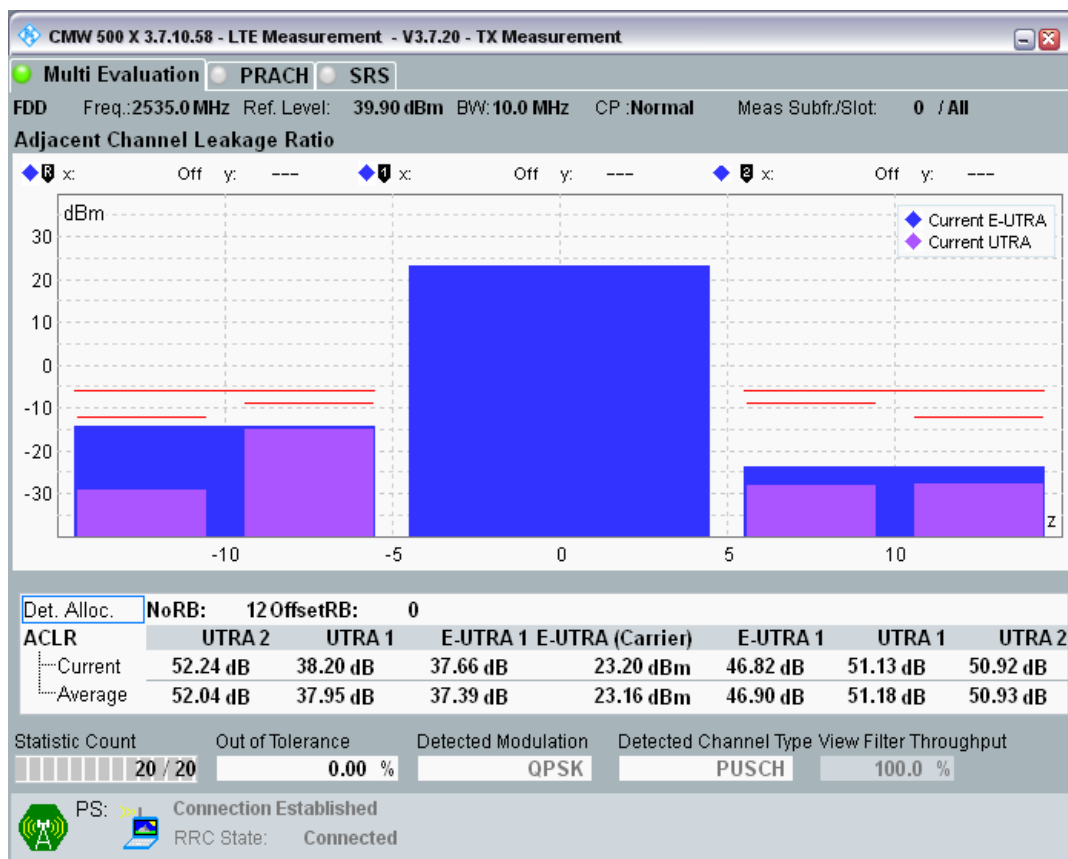
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



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



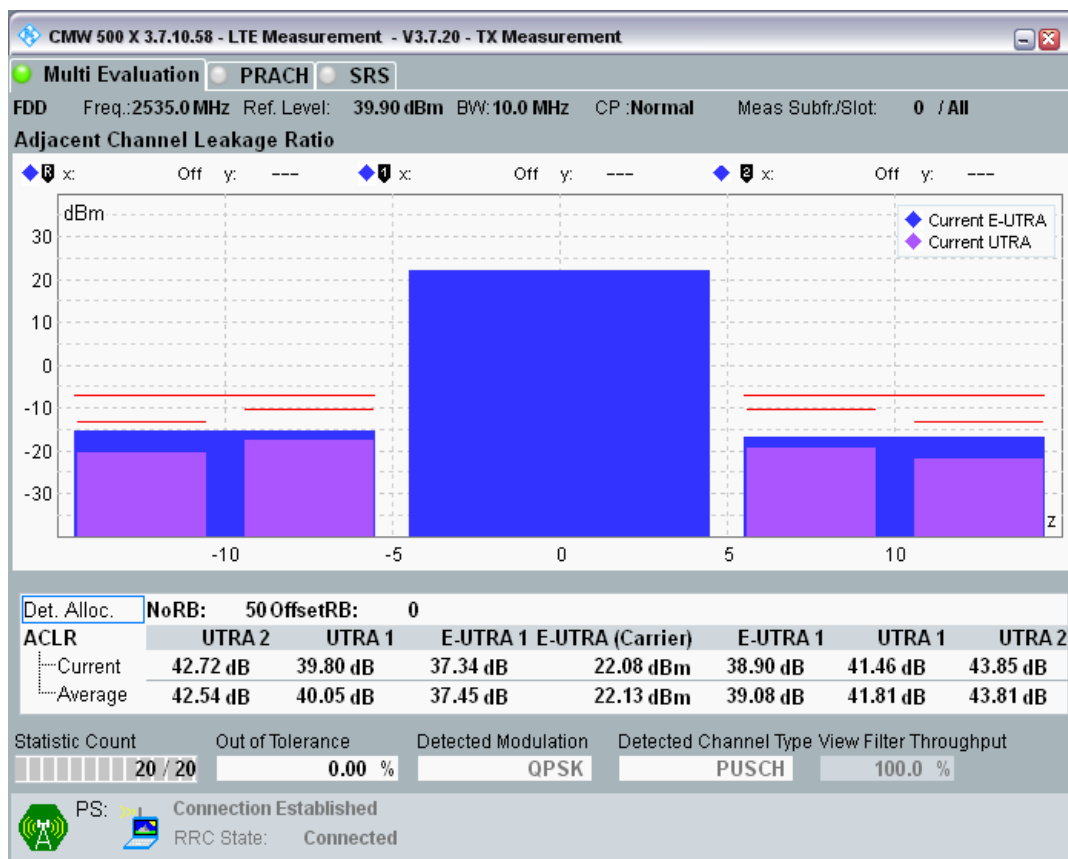
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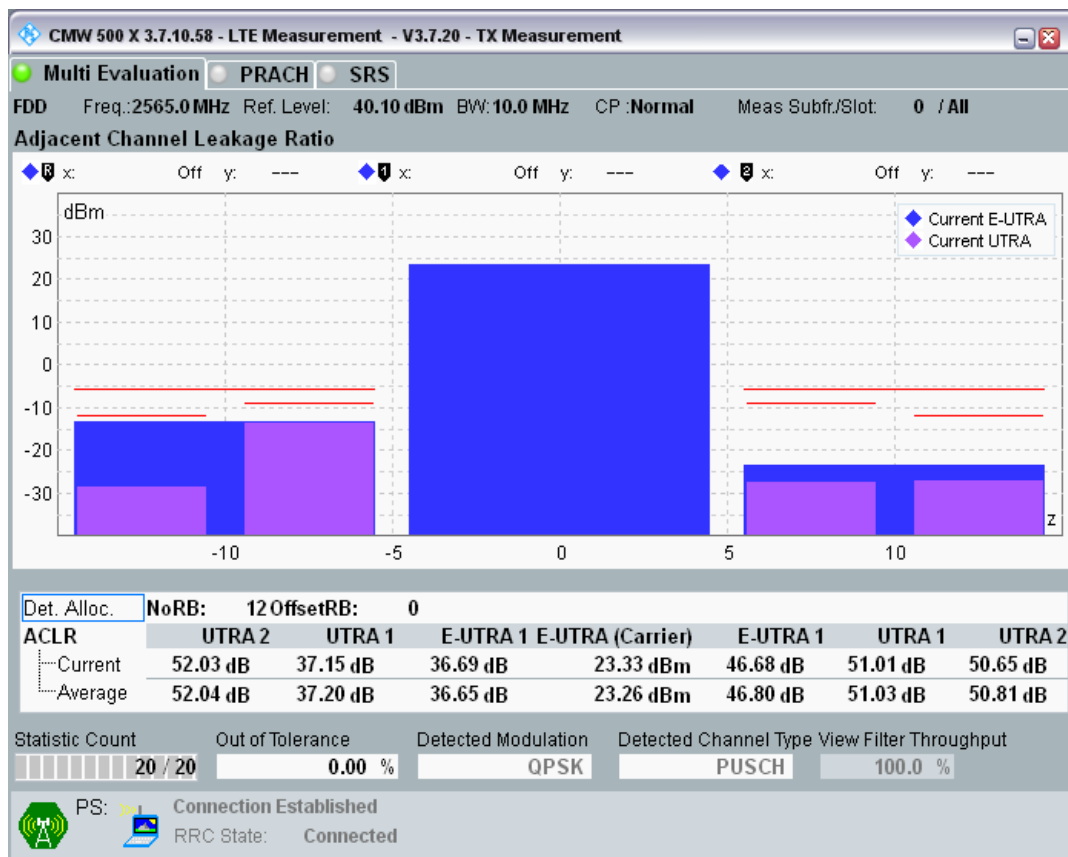
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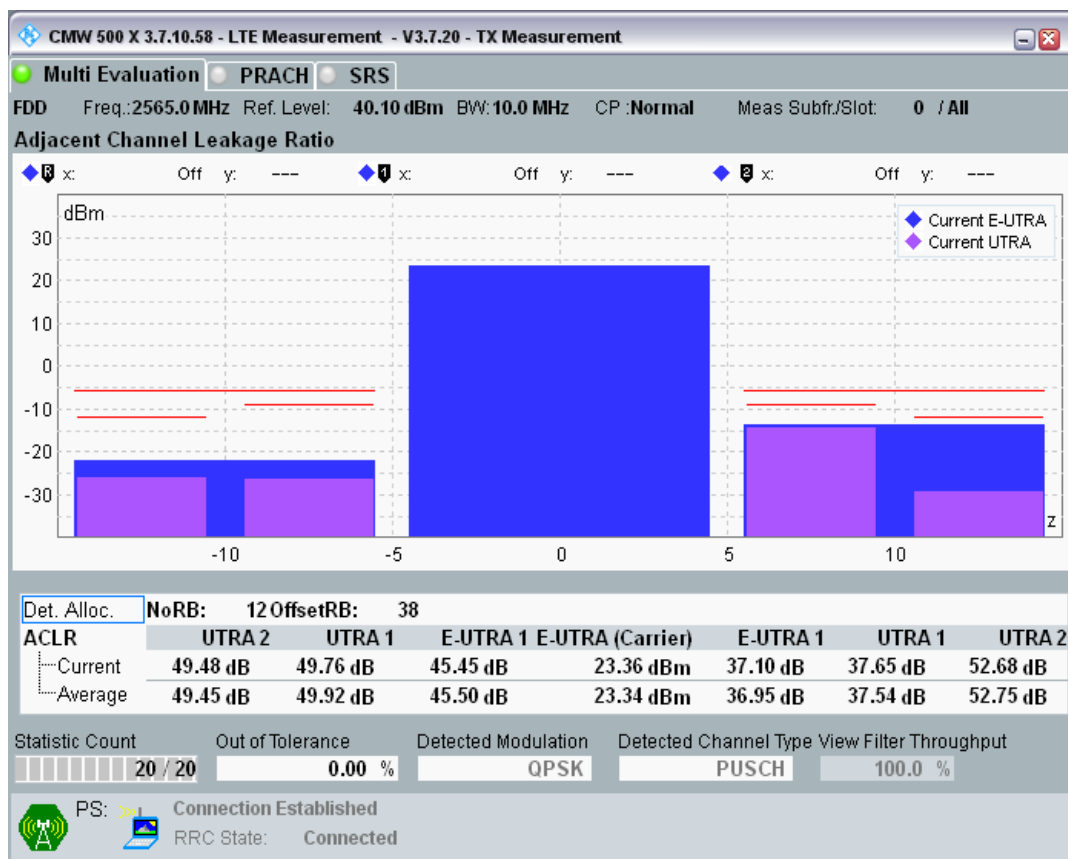
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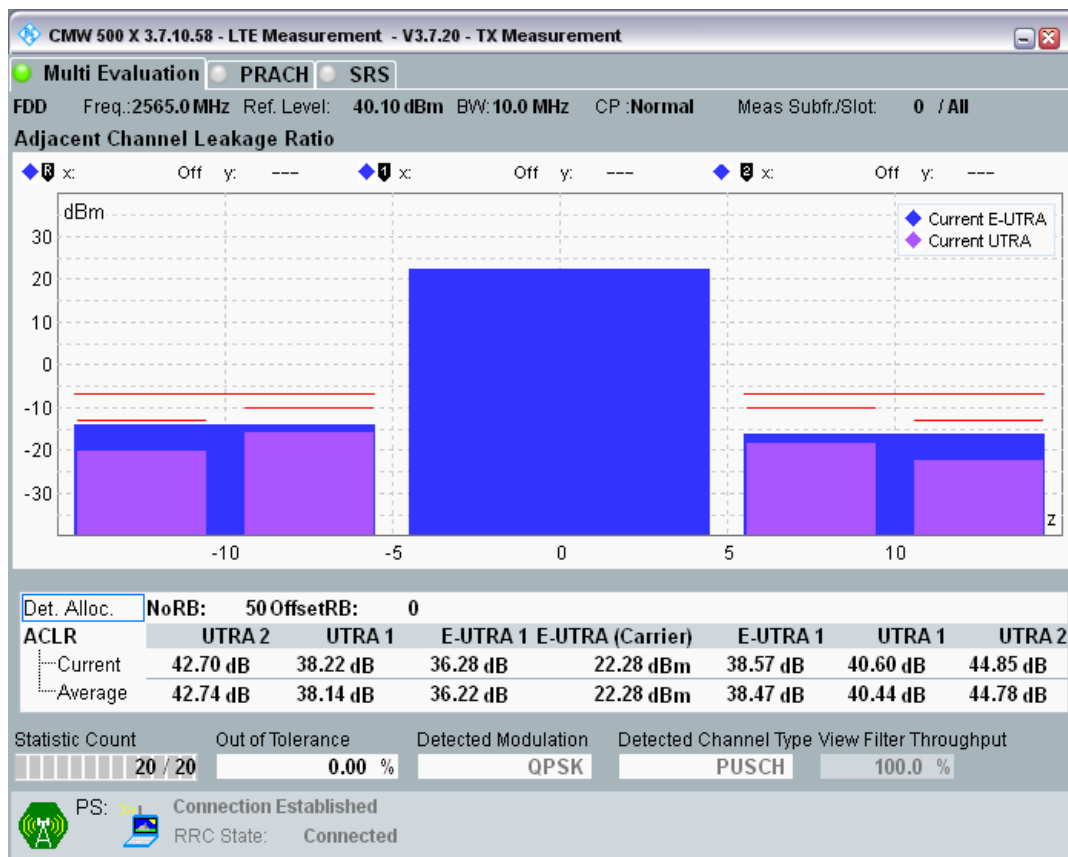
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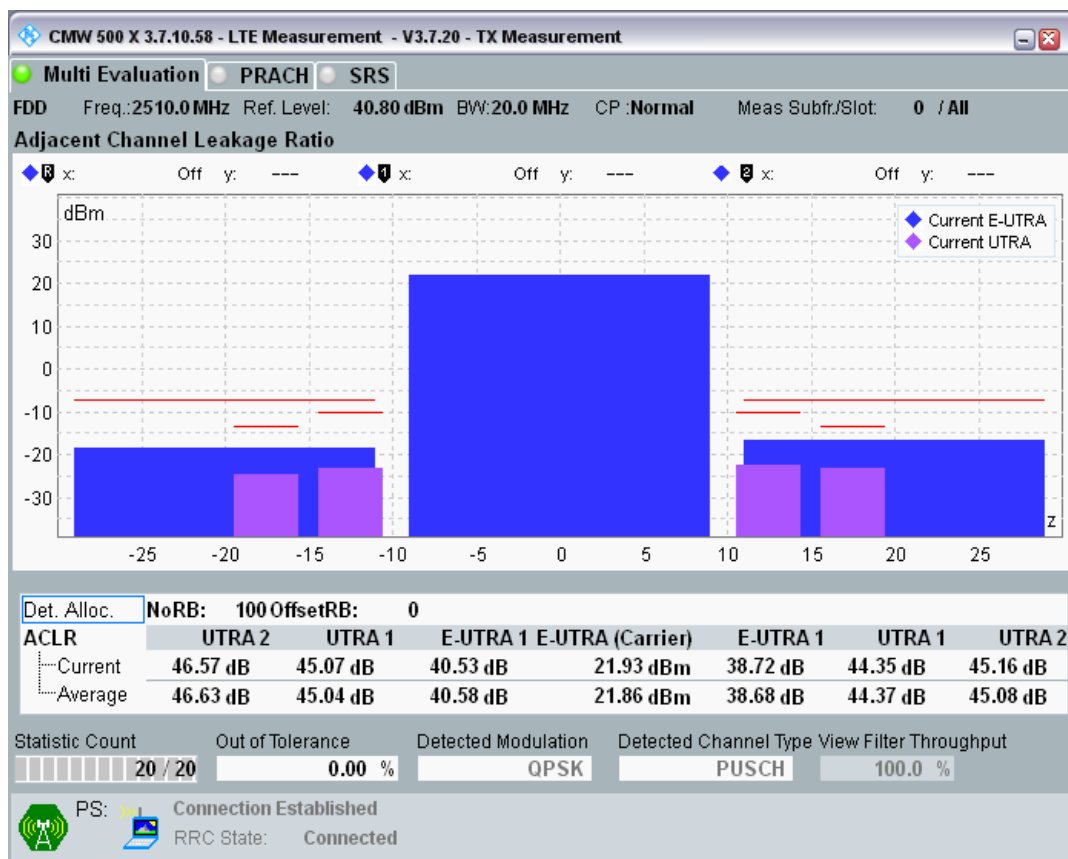
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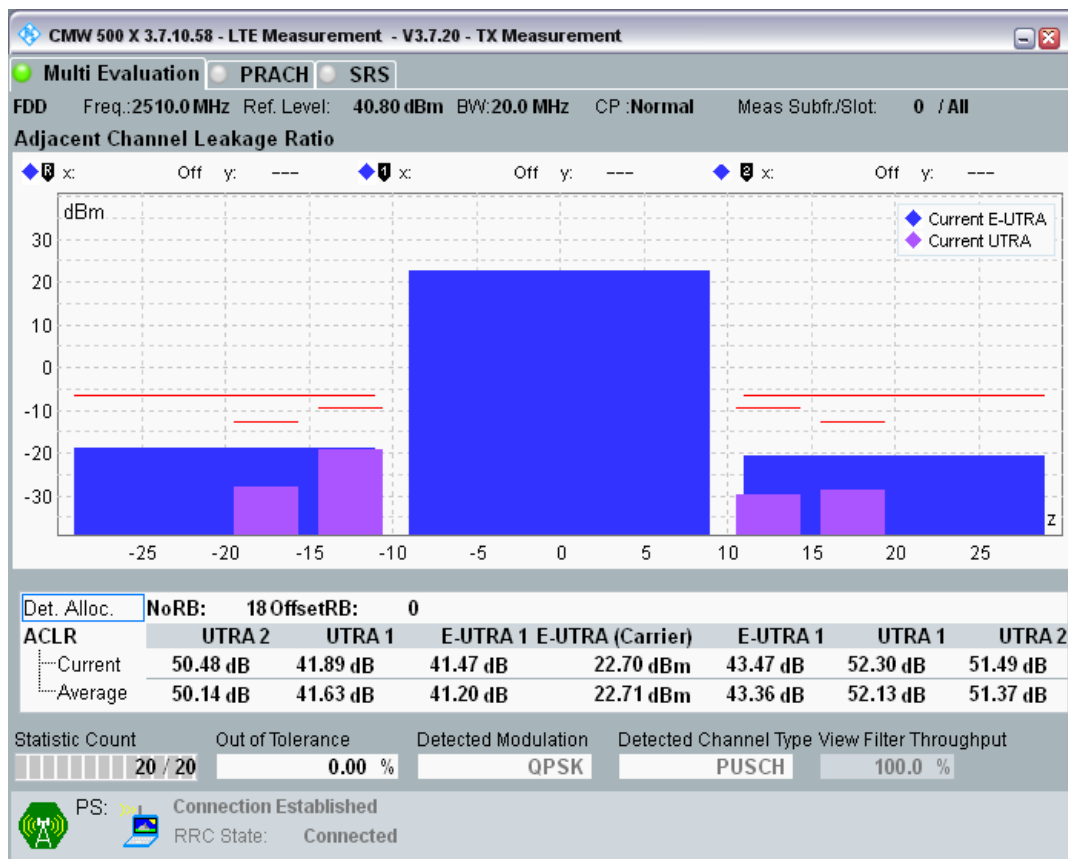
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Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0.png



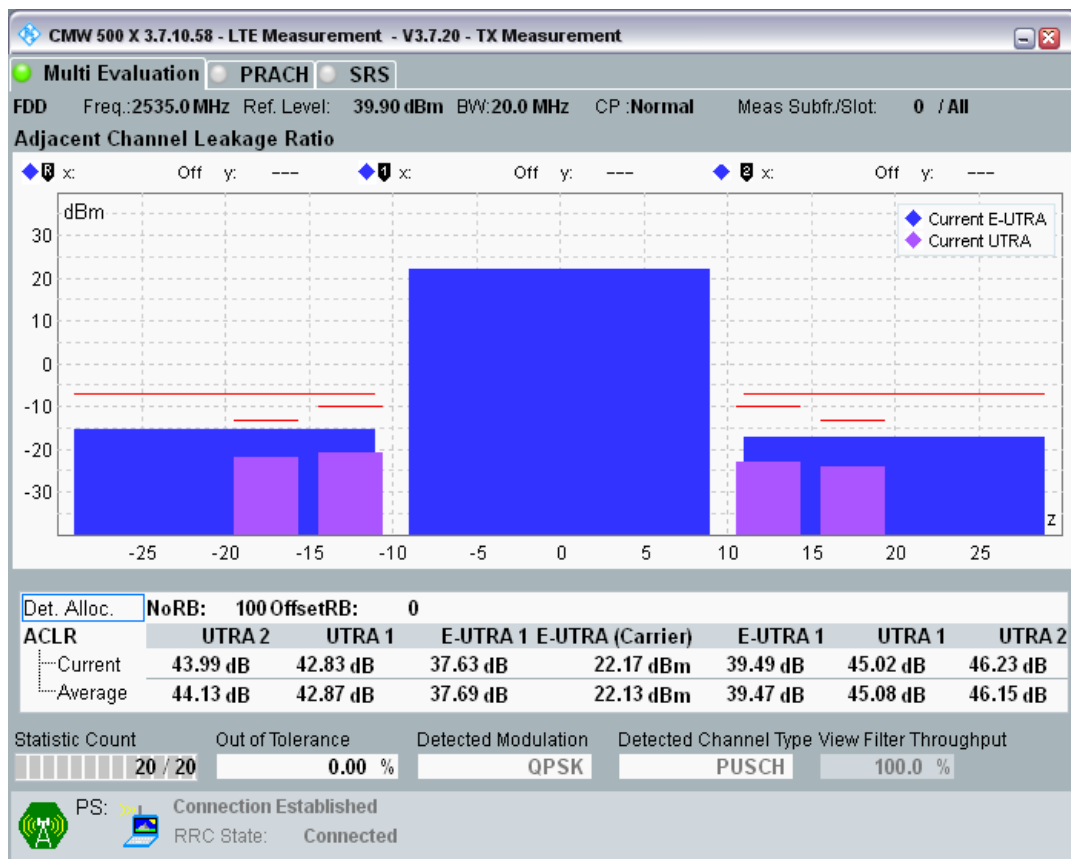
Band7 QPSK BW=20MHz Channel=20850 RB Size=18 Position=#0.png



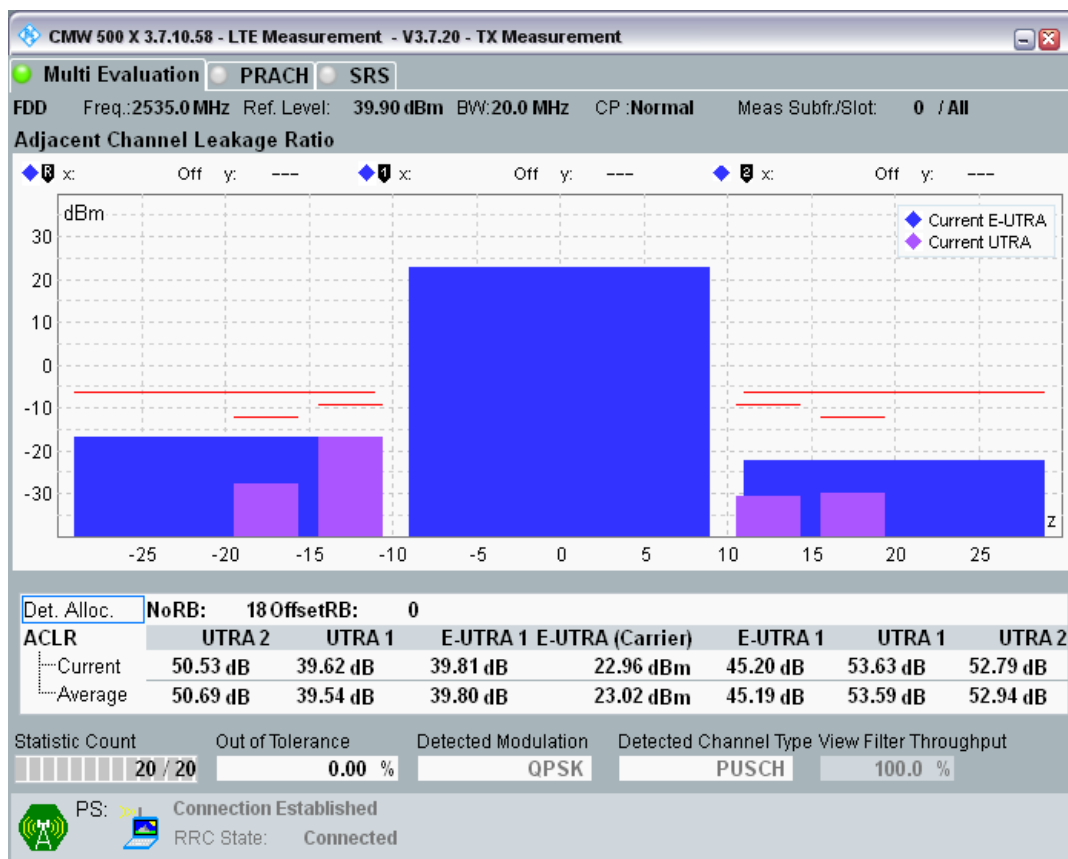
Band7 QPSK BW=20MHz Channel=20850 RB Size=18 Position=#Max.png



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



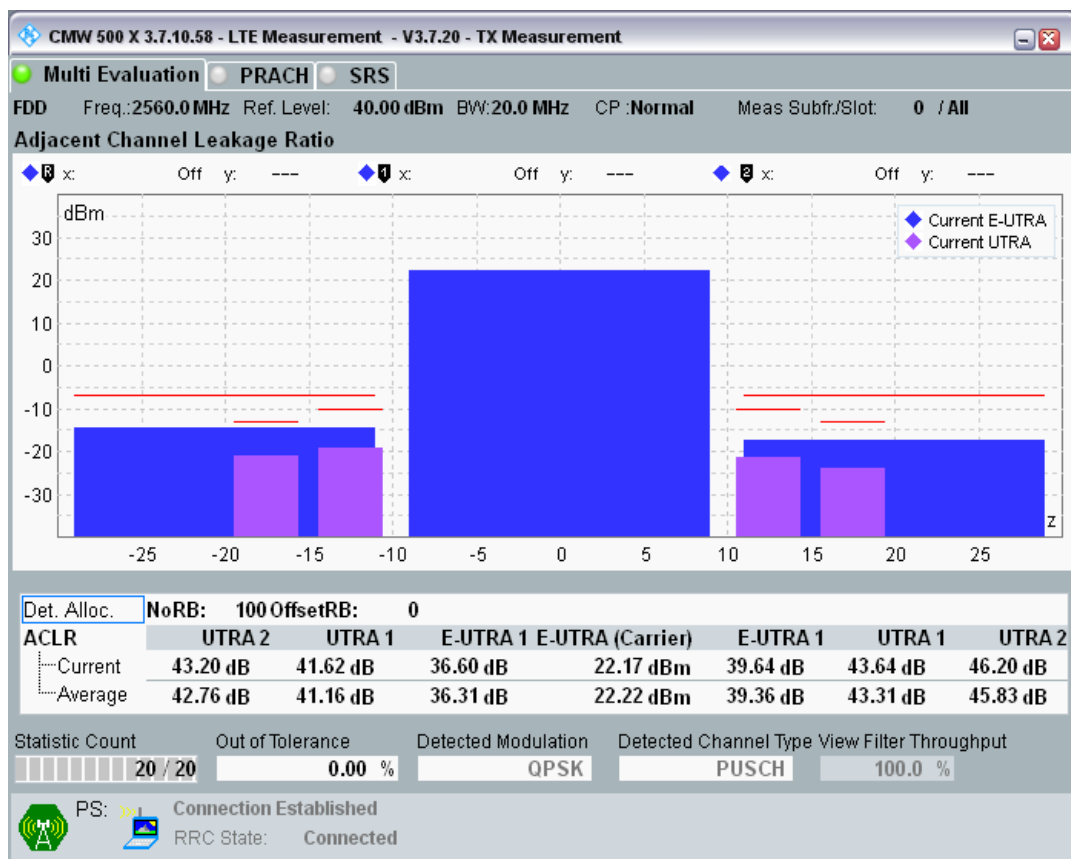
Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#0.png



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



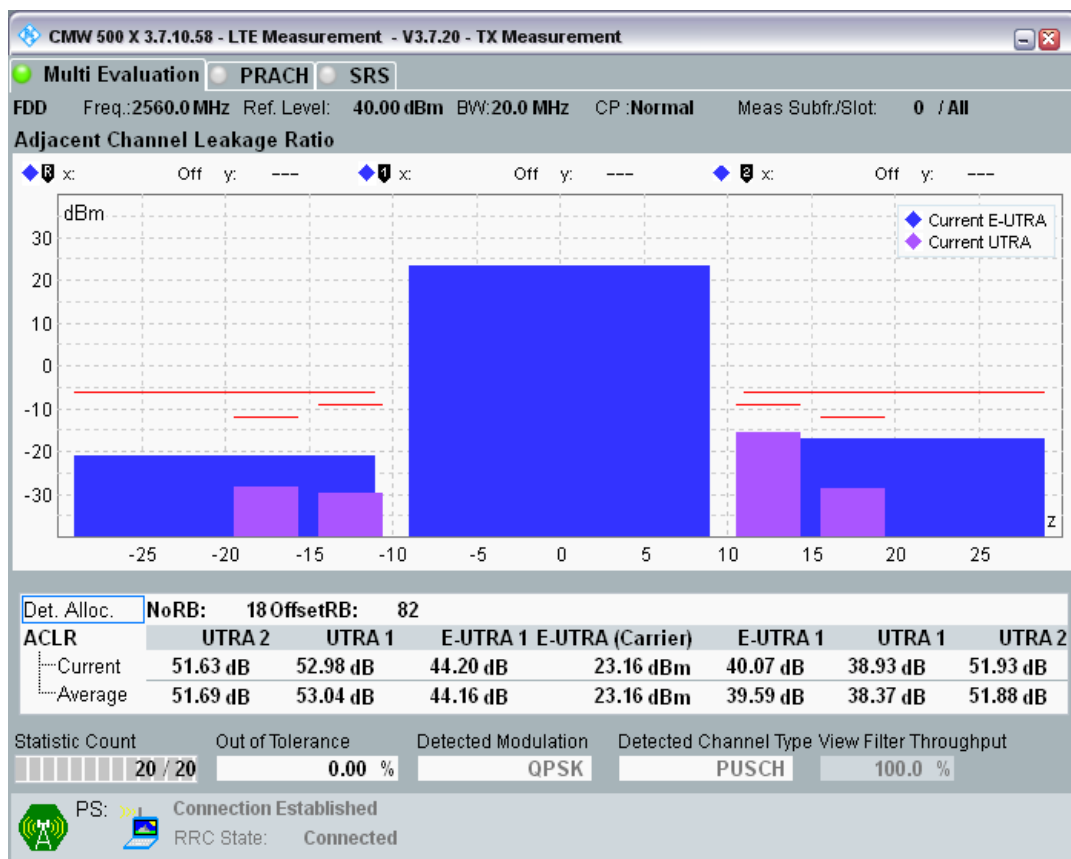
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Band7 QPSK BW=20MHz Channel=21350 RB Size=18 Position=#0.png



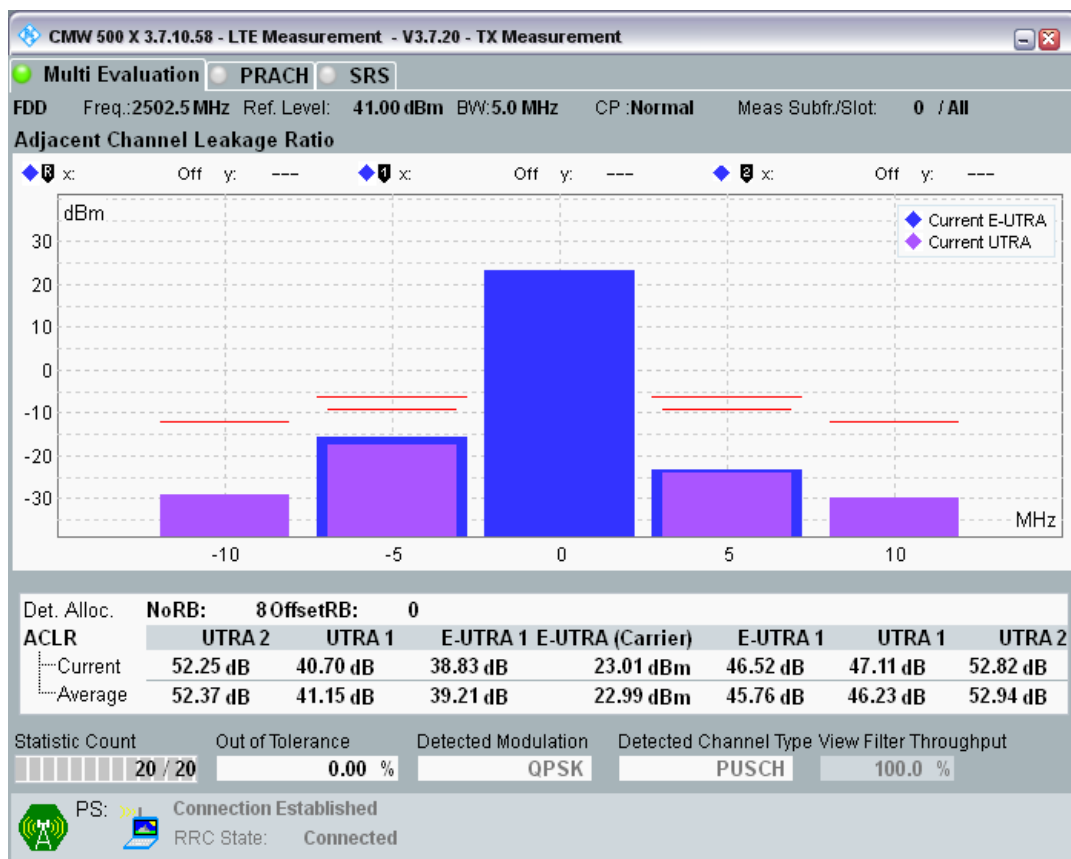
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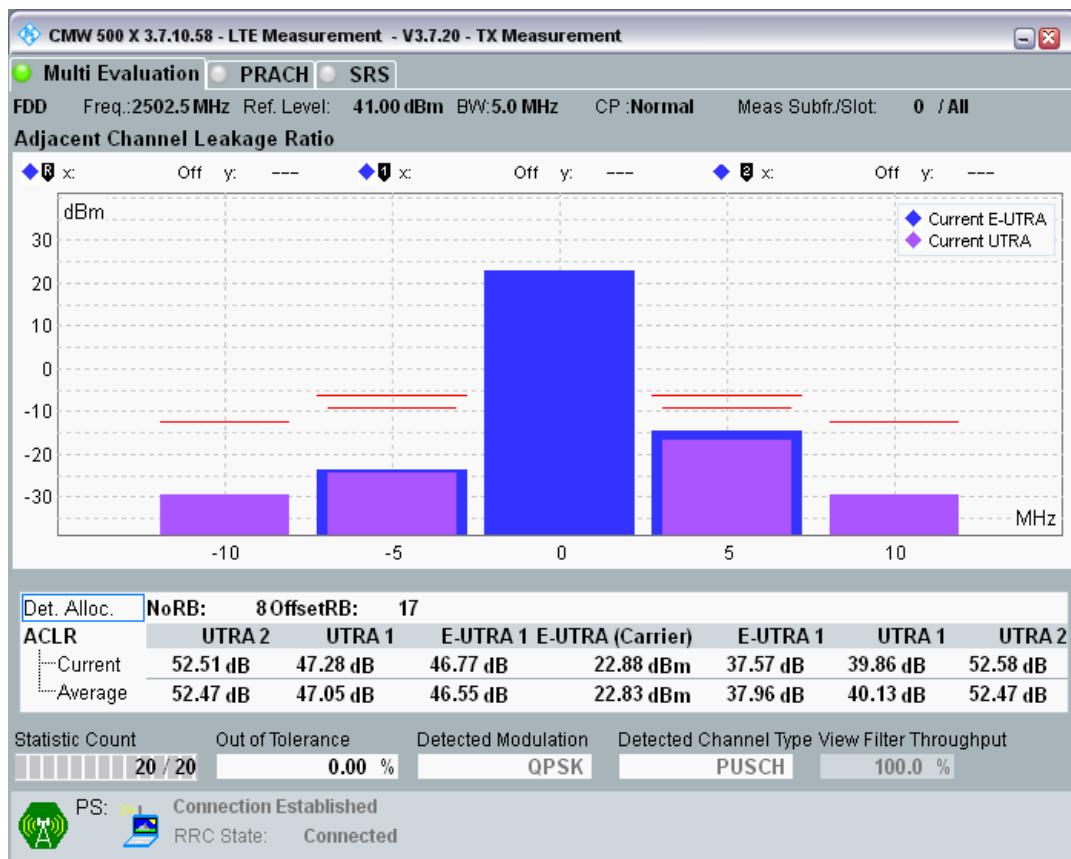
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



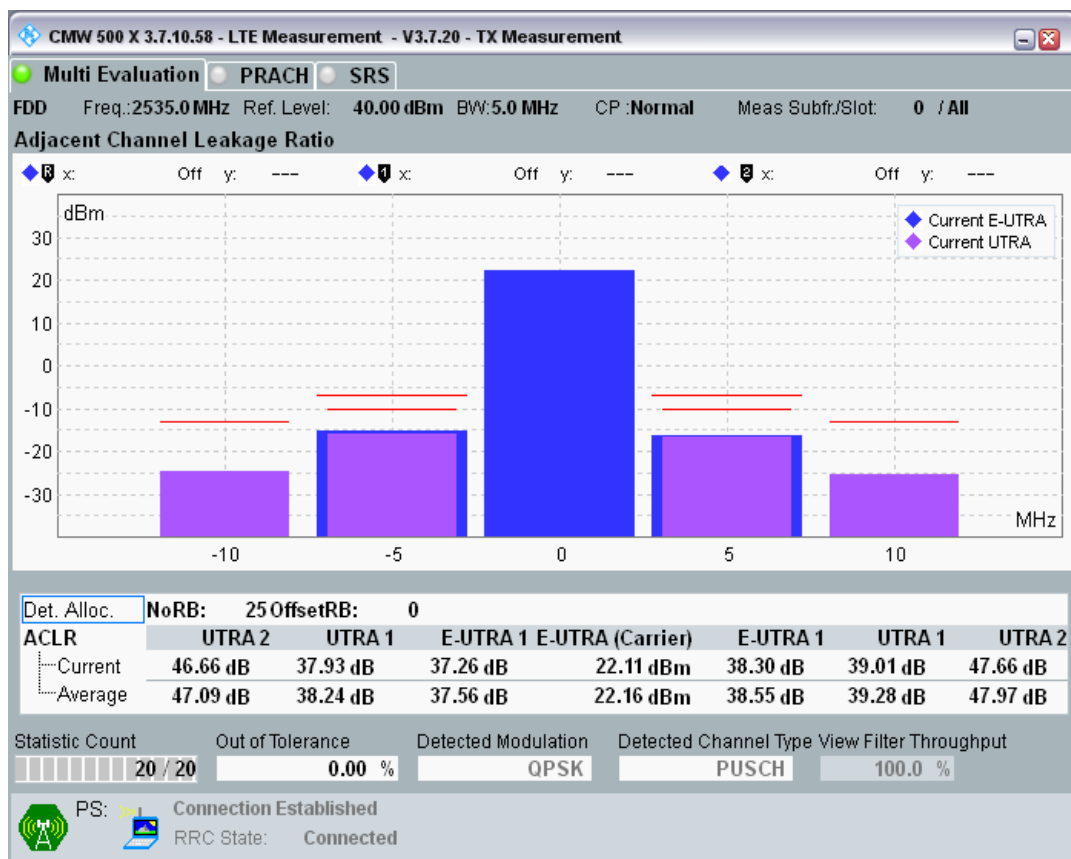
Band7 QPSK BW=5MHz Channel=20775 RB Size=8 Position=#0.png



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



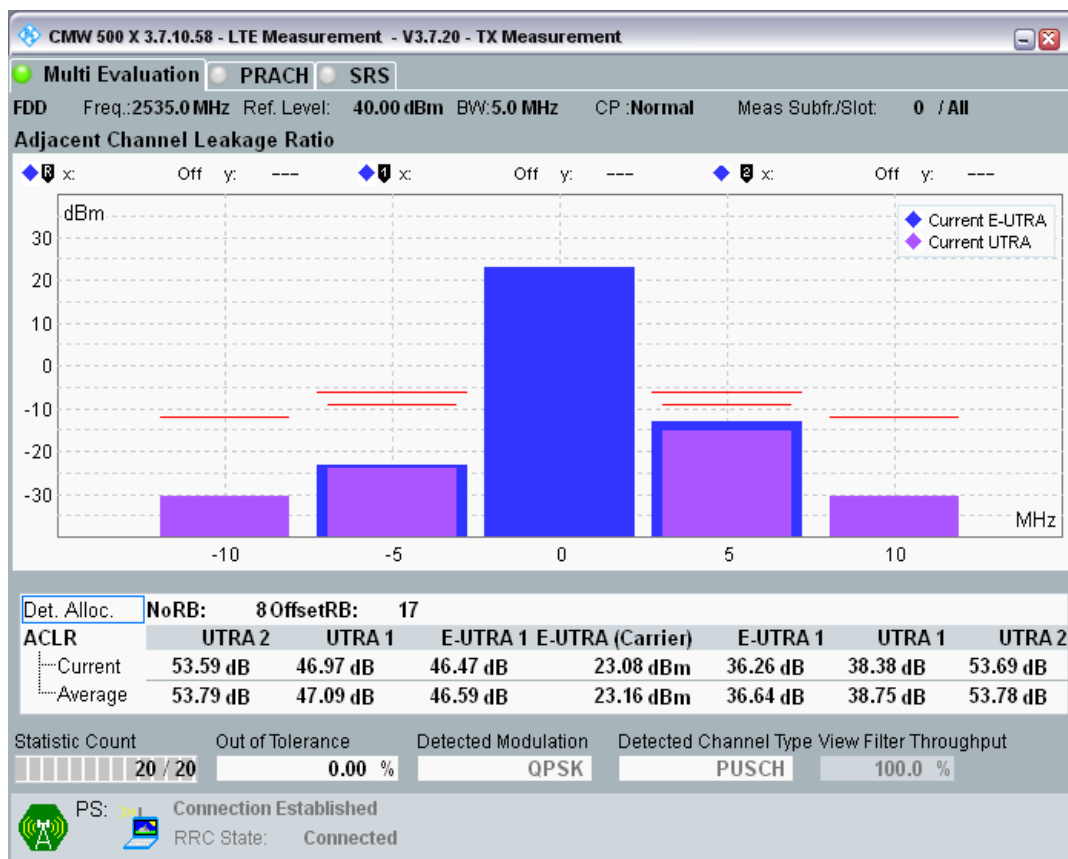
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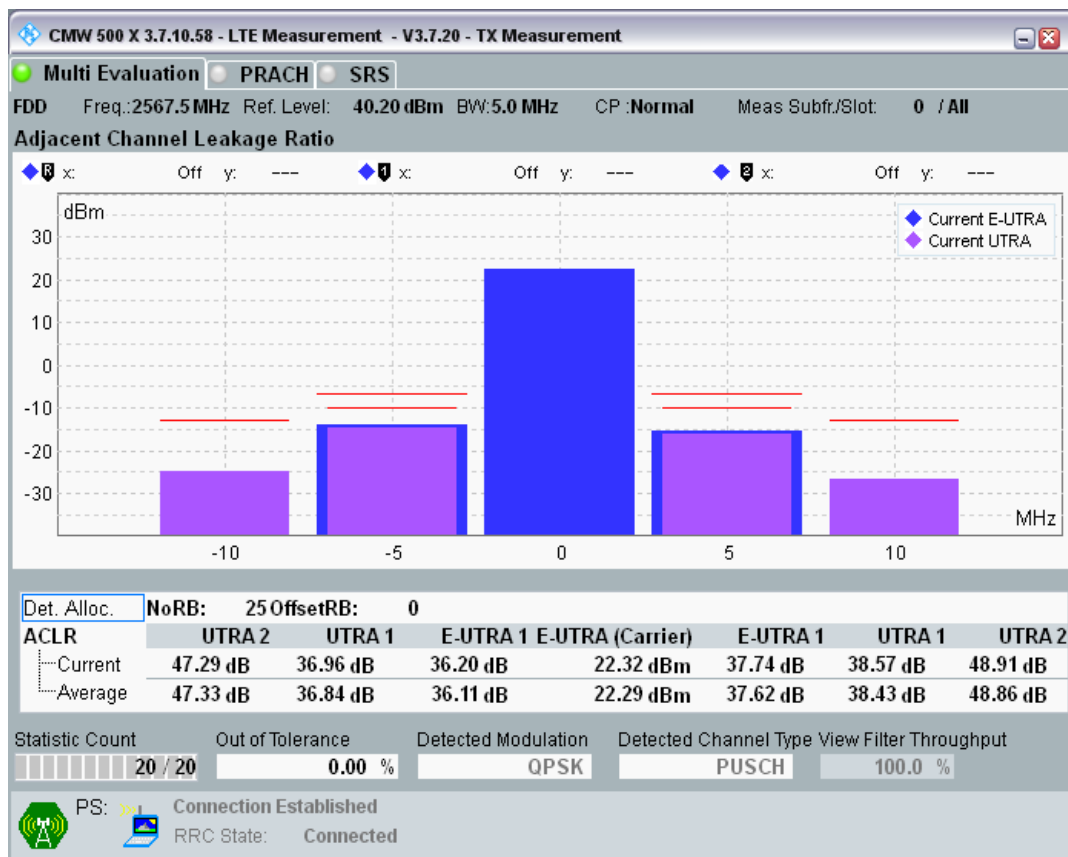
Band7 QPSK BW=5MHz Channel=21100 RB Size=8 Position=#0.png



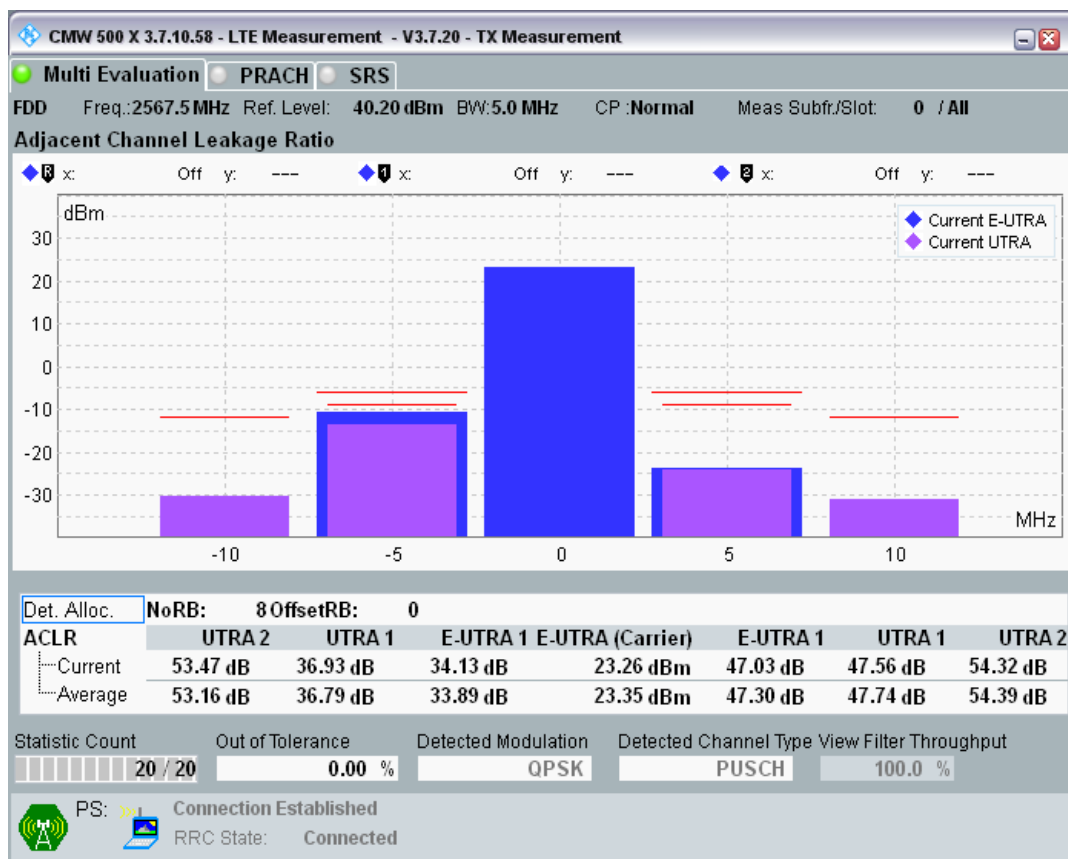
Band7 QPSK BW=5MHz Channel=21100 RB Size=8 Position=#Max.png



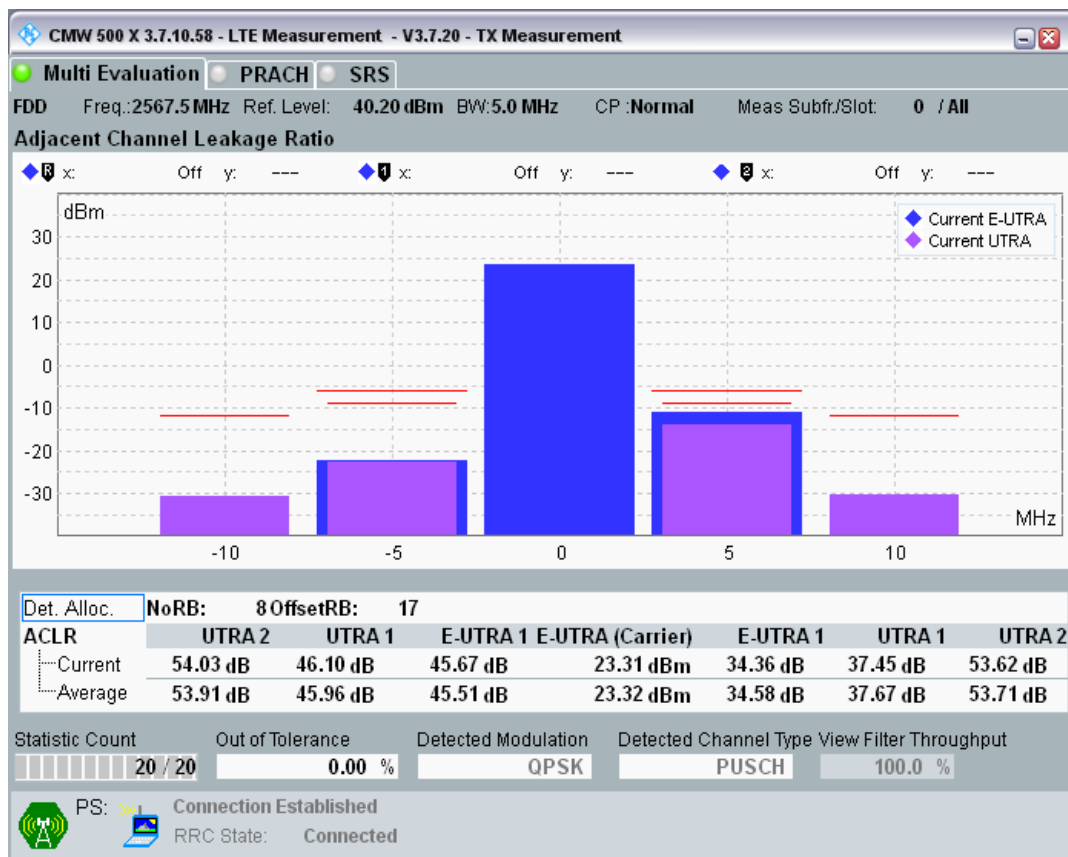
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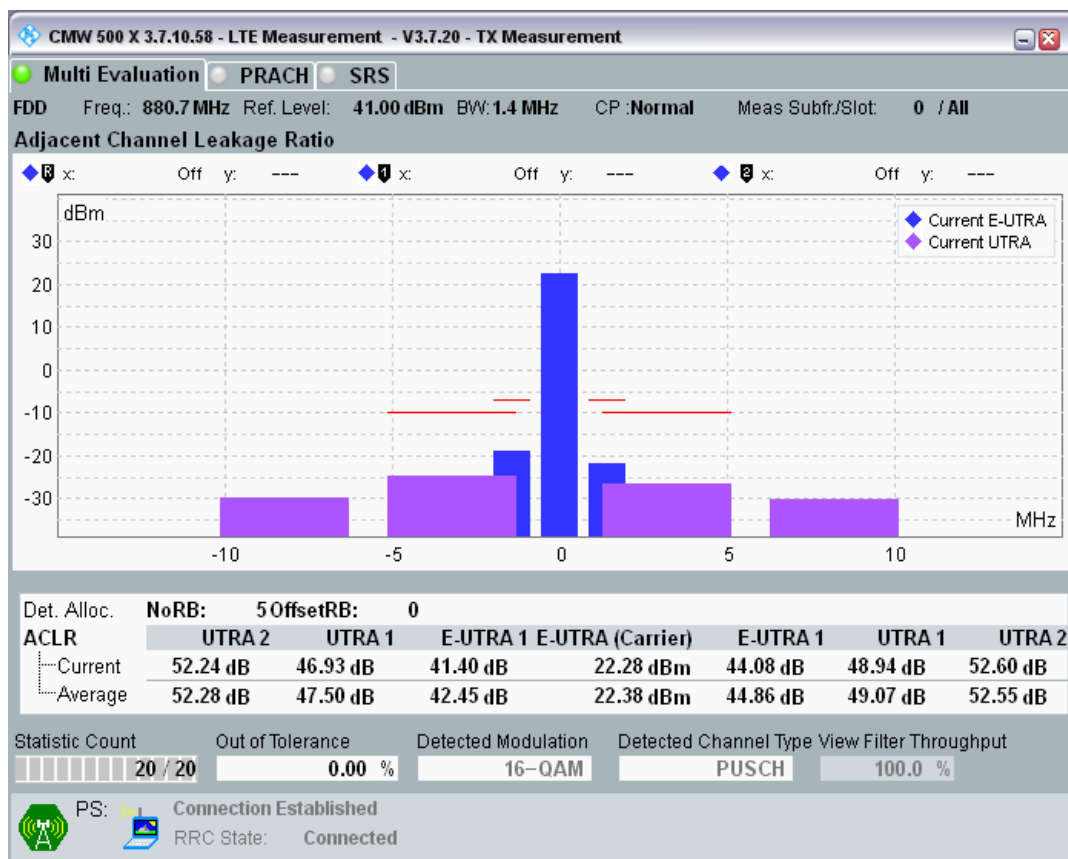
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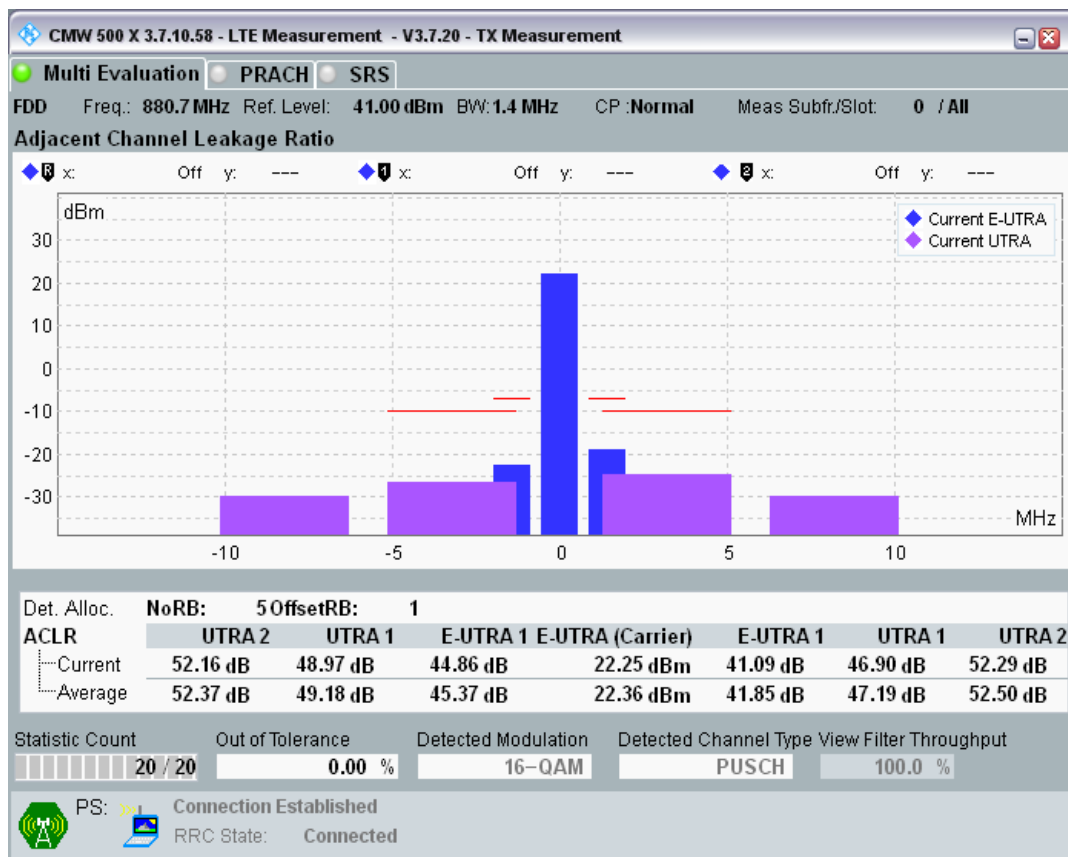
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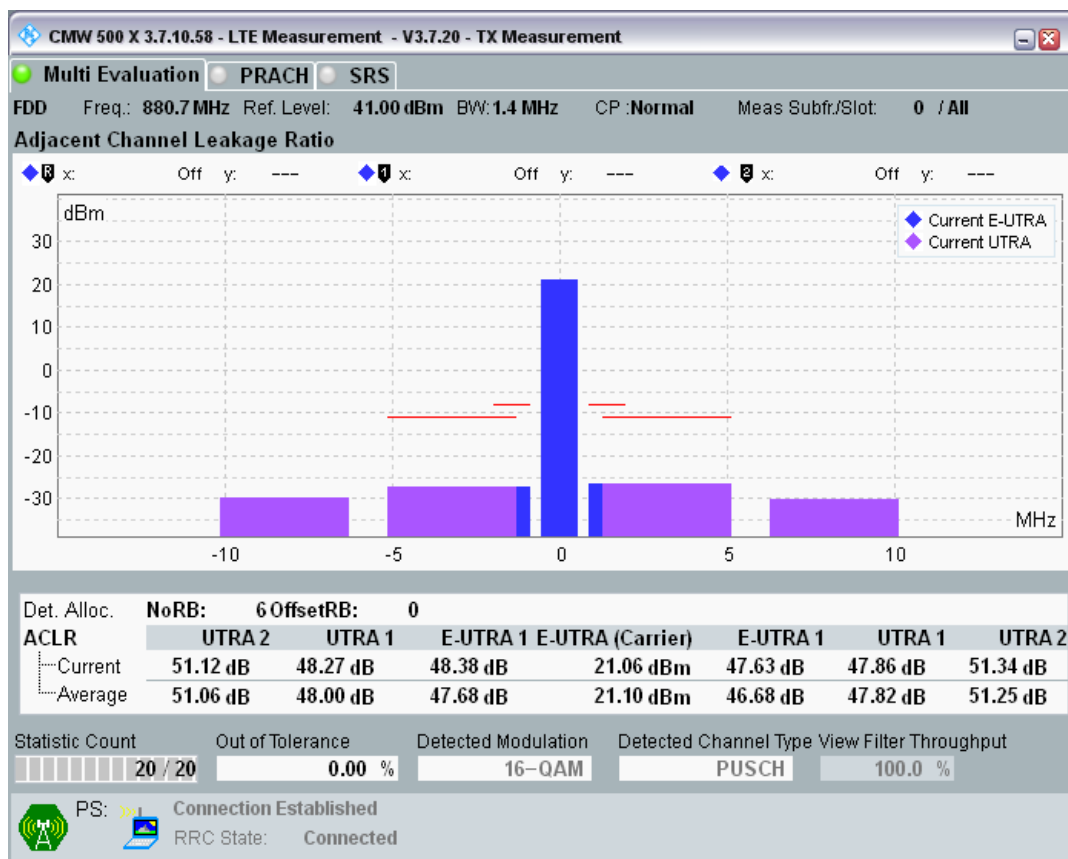
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



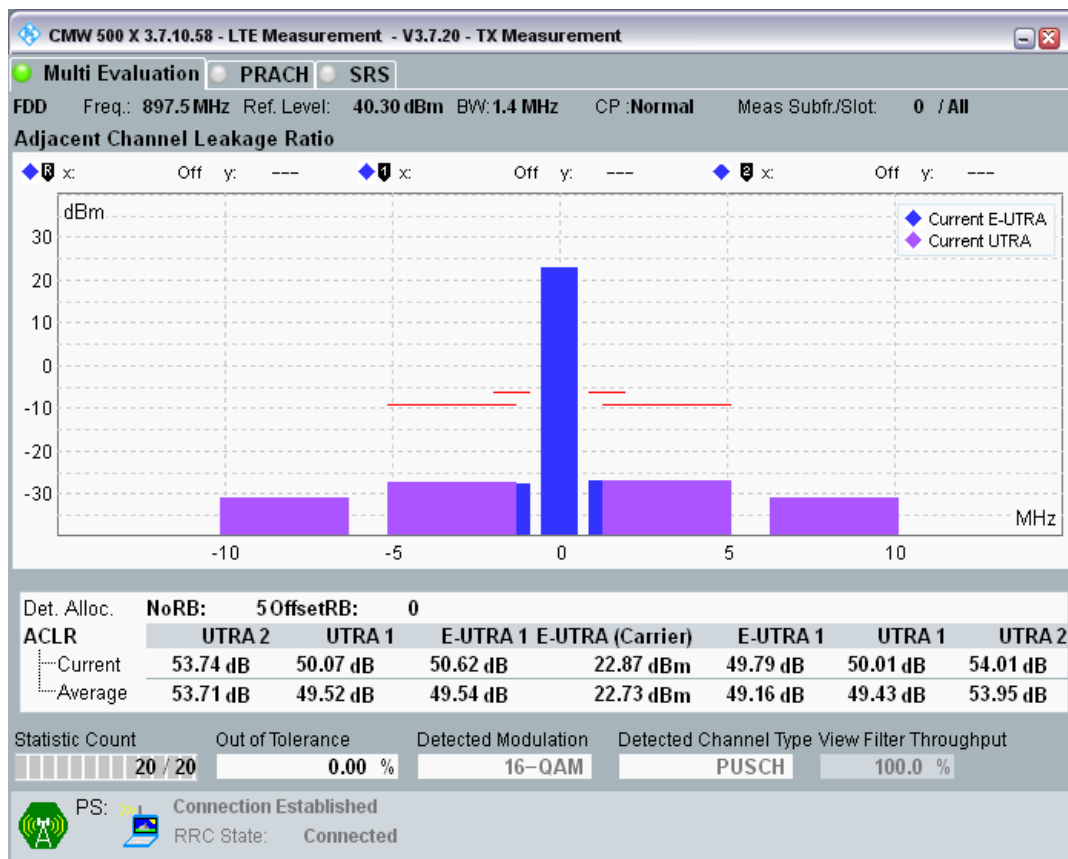
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png



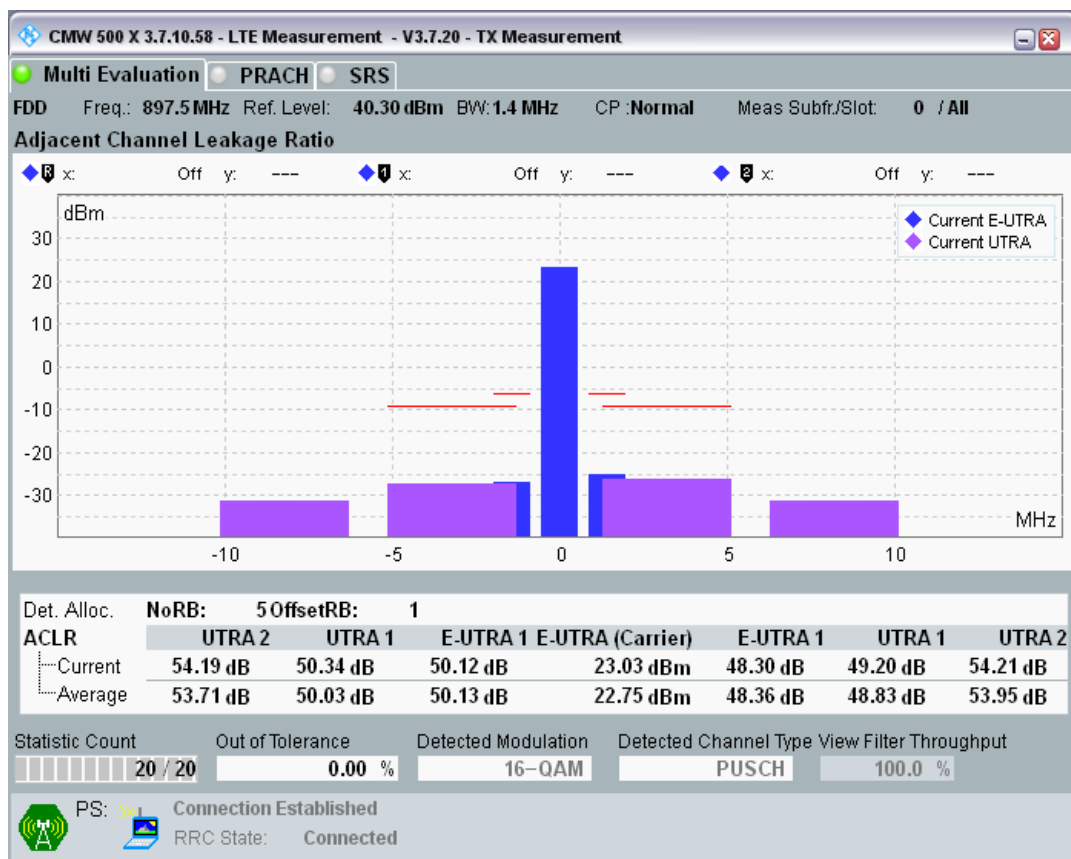
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png



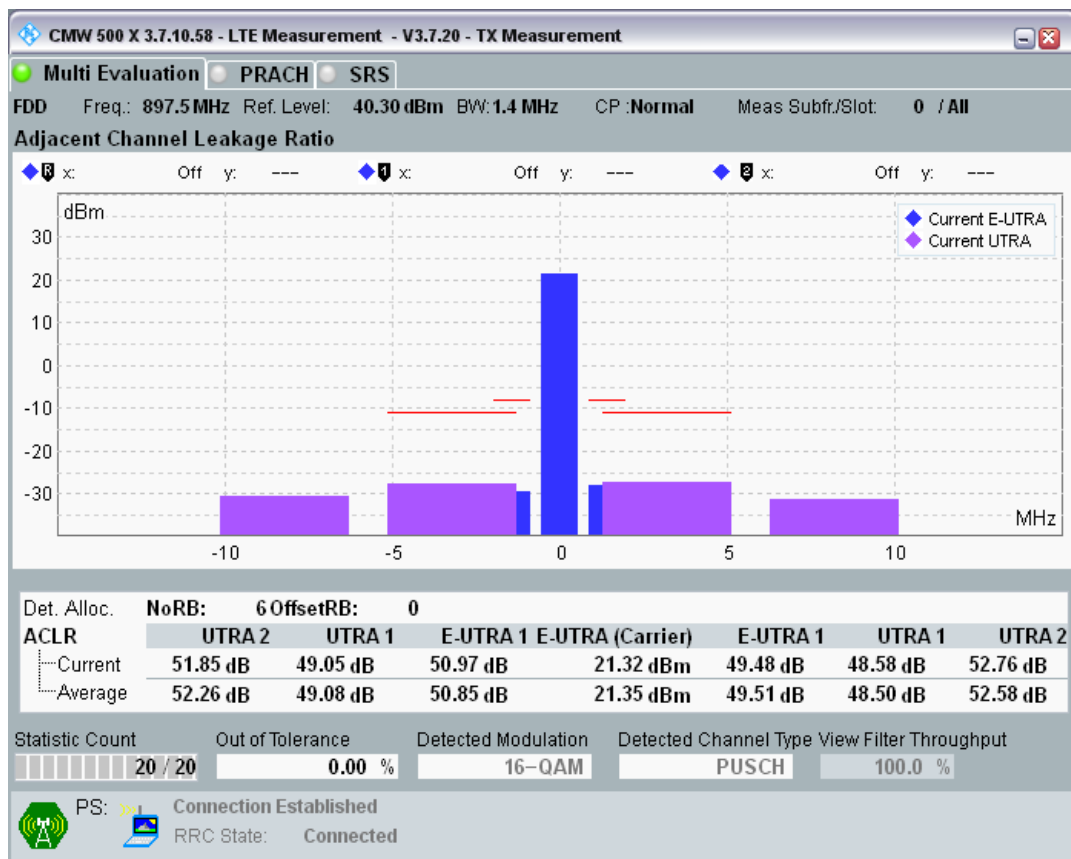
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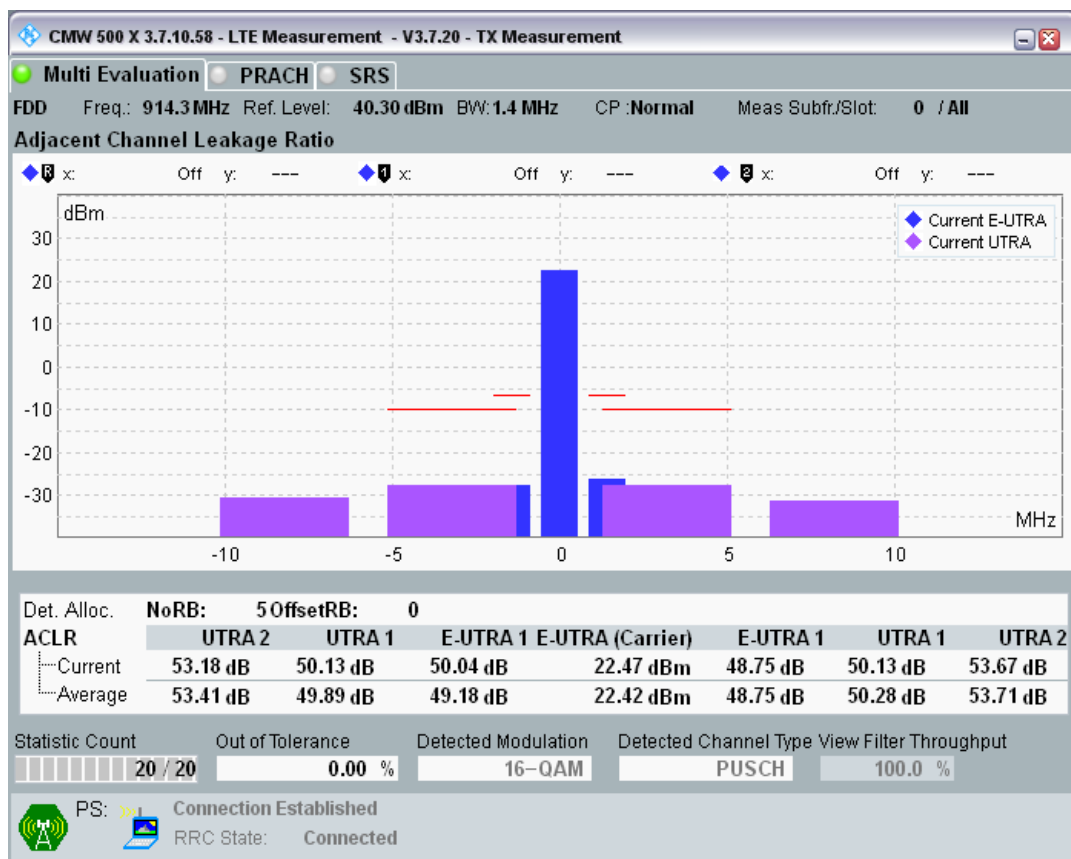
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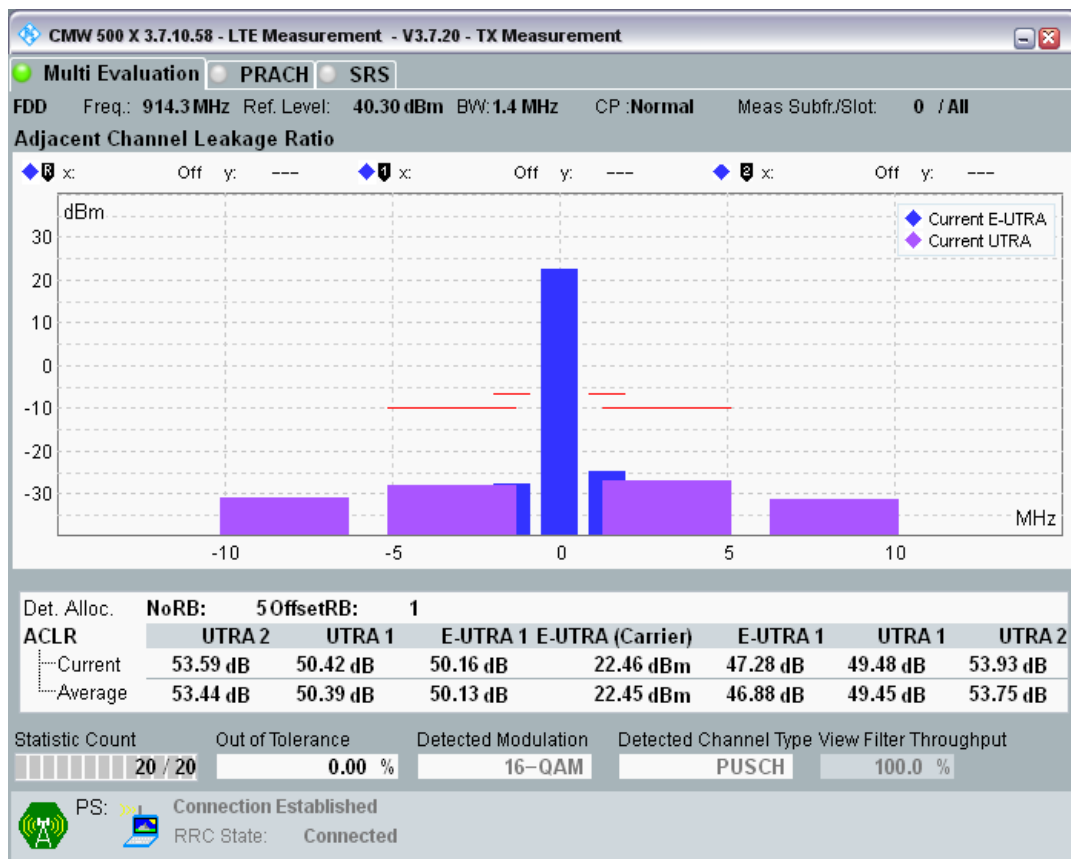
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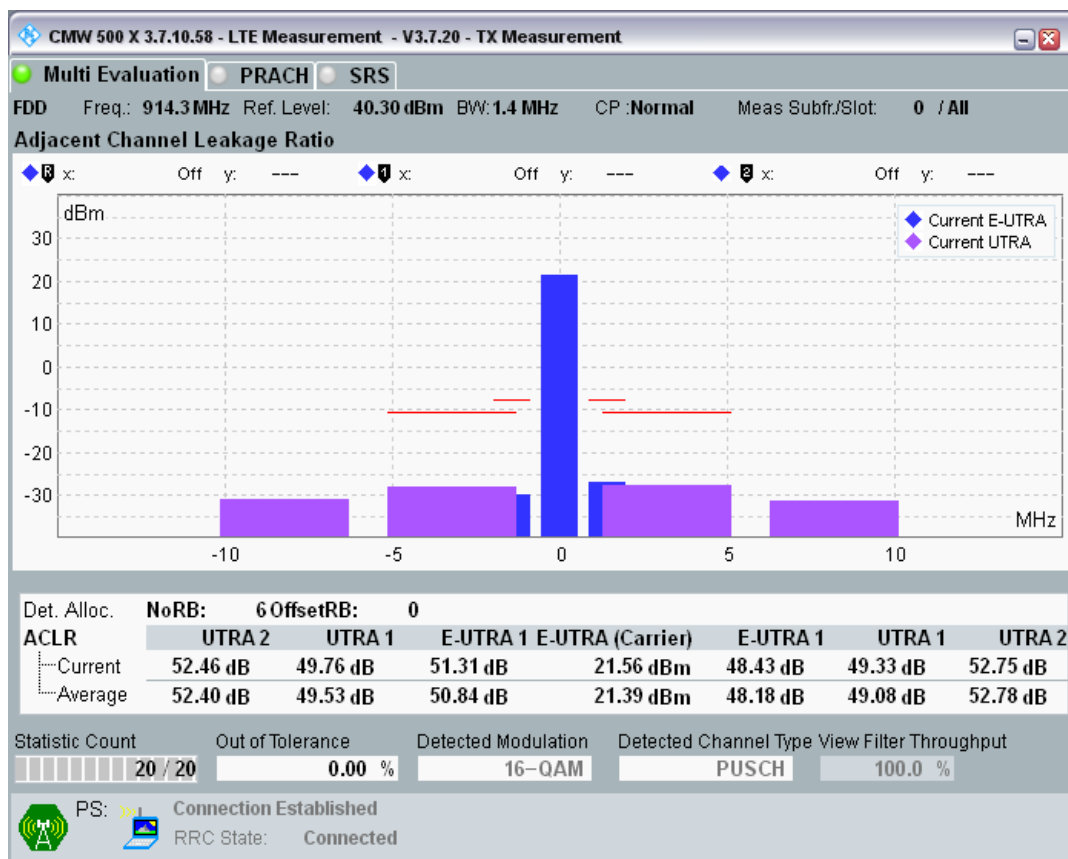
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



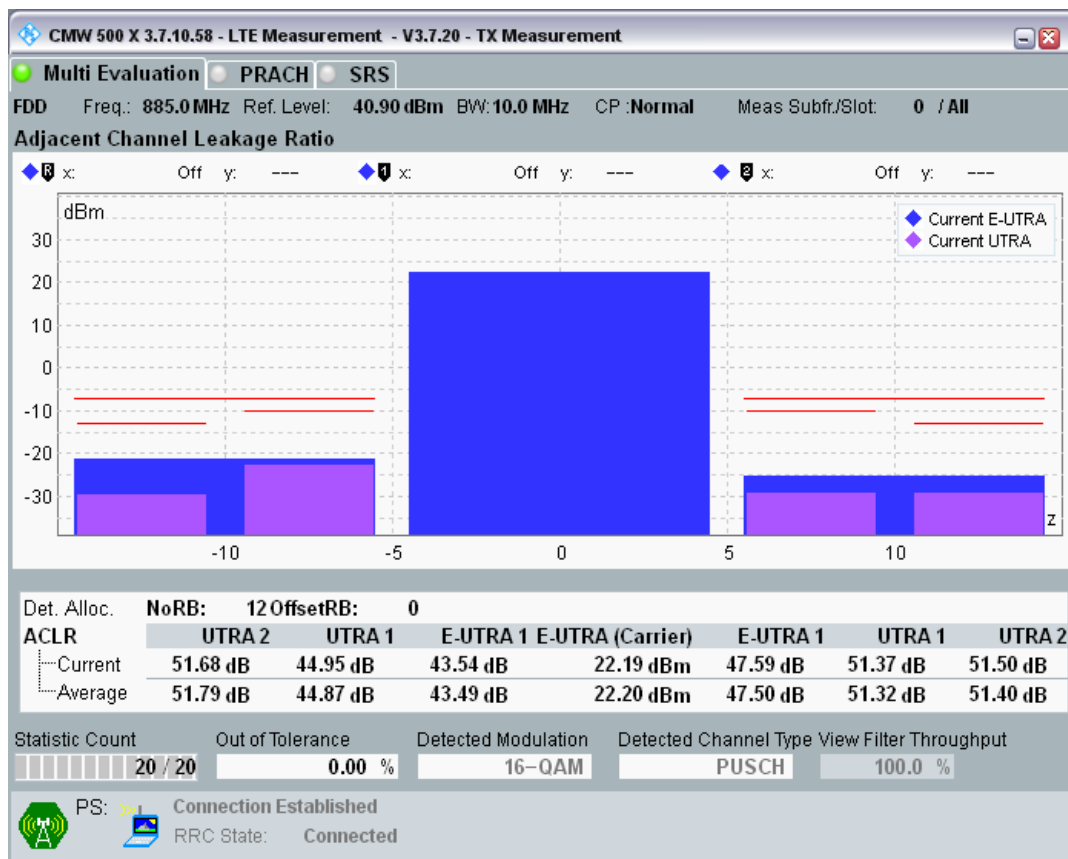
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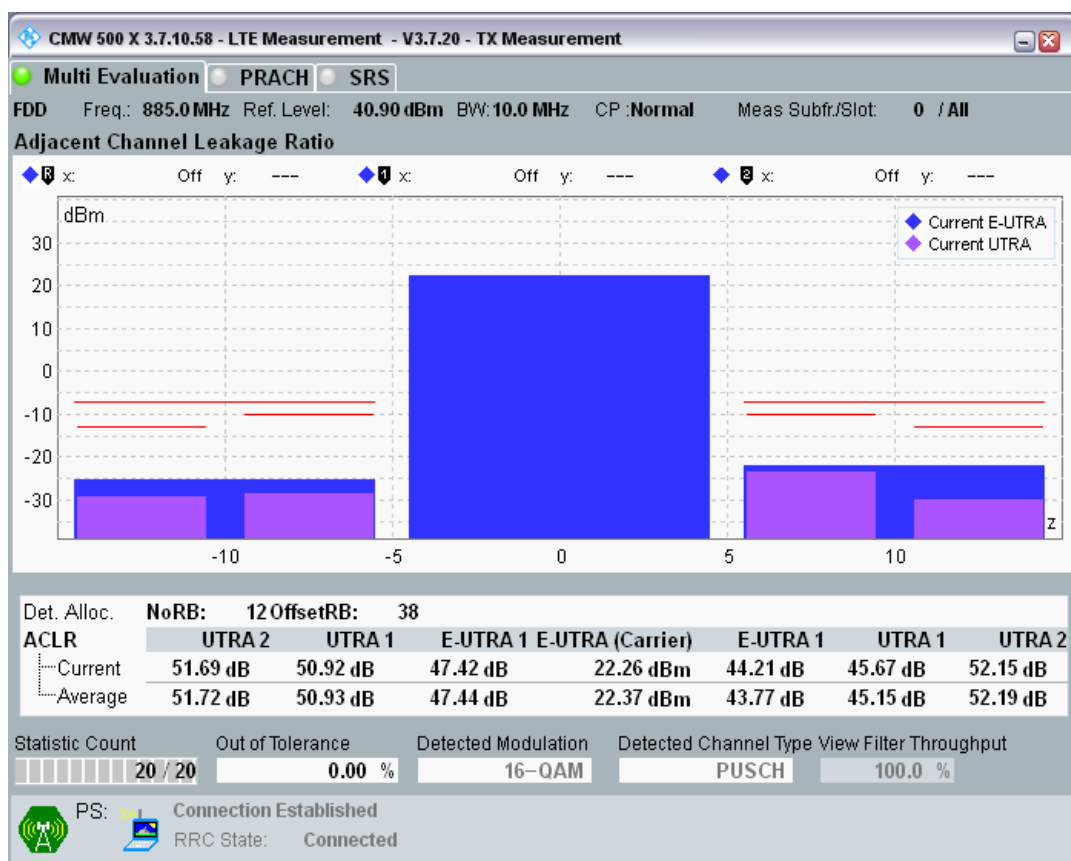
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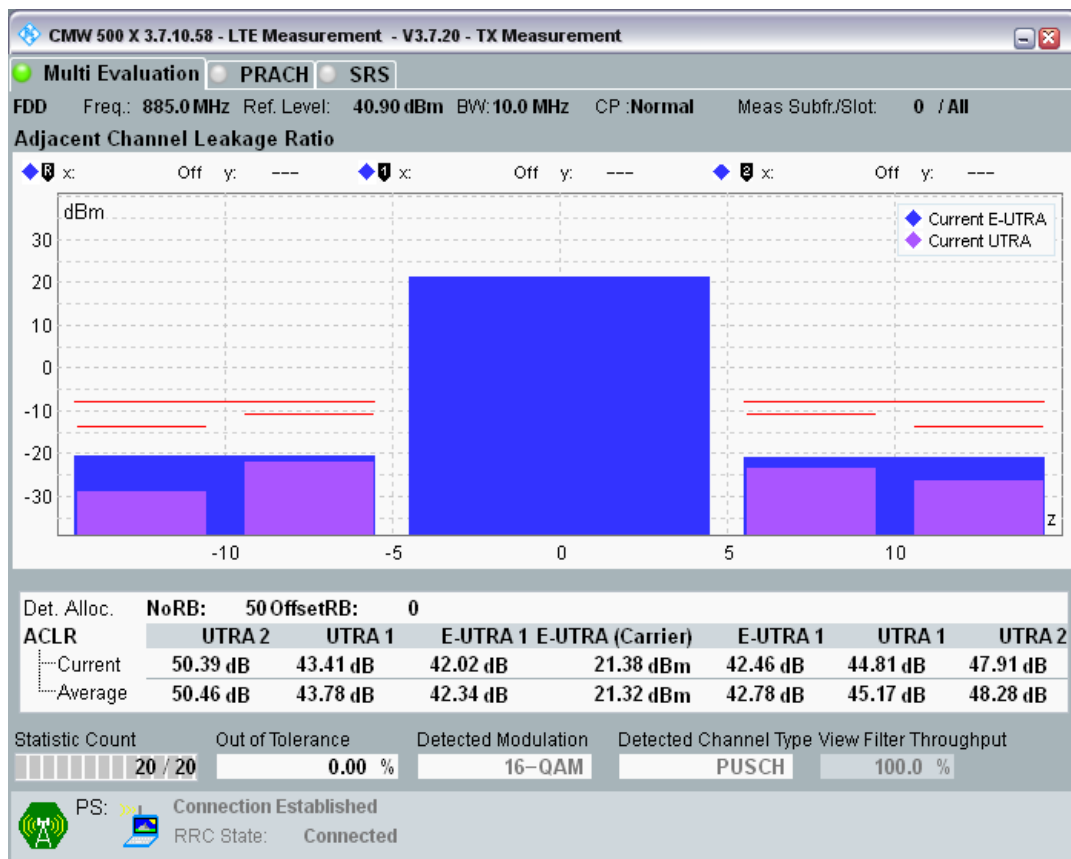
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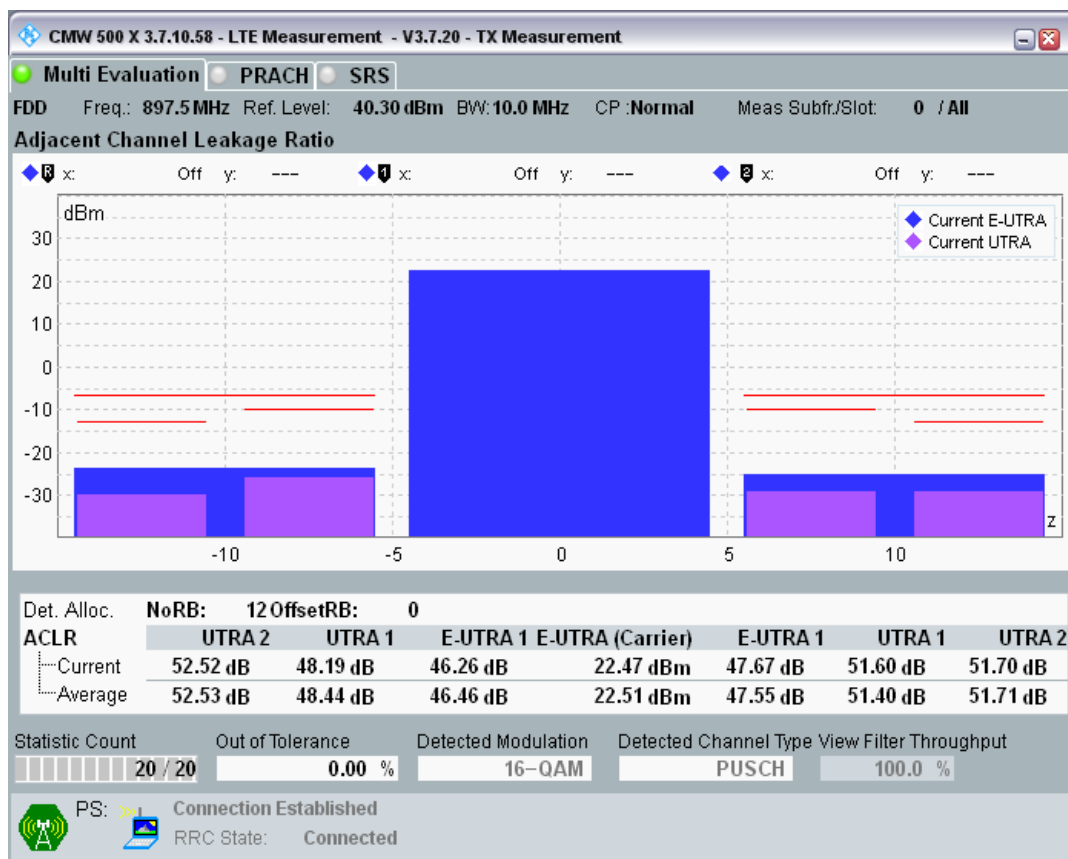
Band8 QAM16 BW=10MHz Channel=21500 RB Size=12 Position=#Max.png



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



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



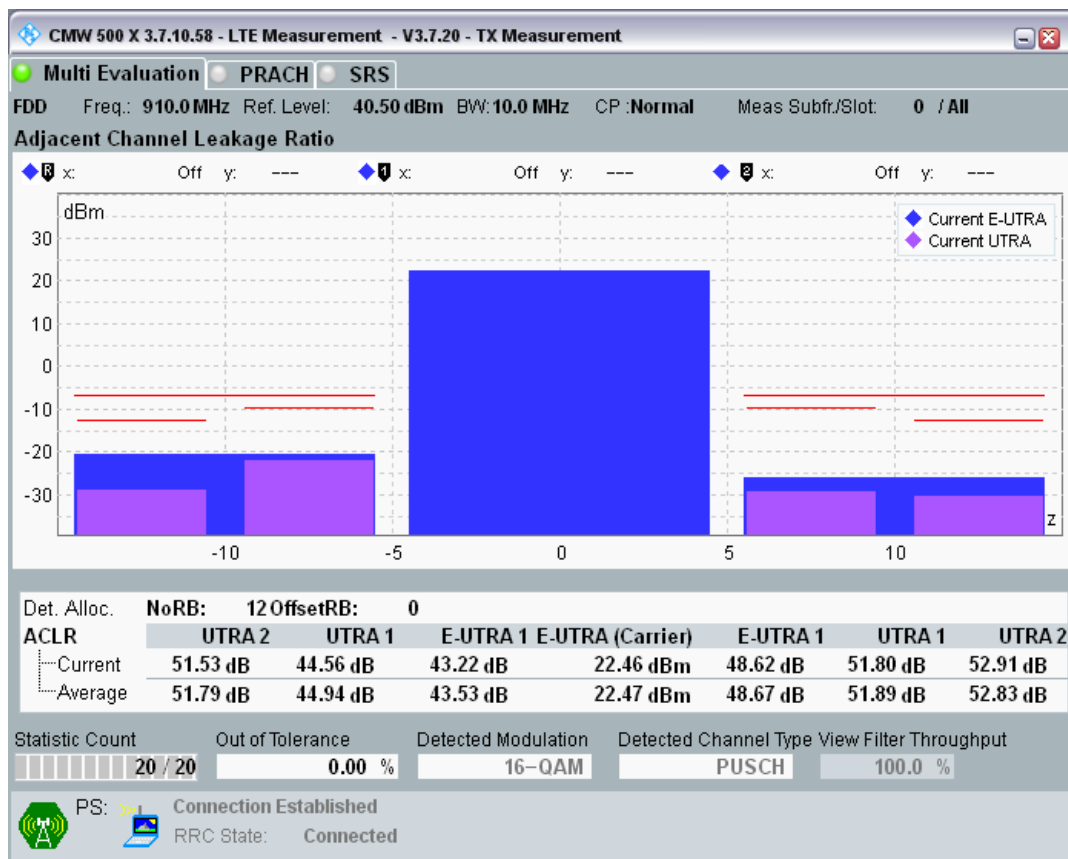
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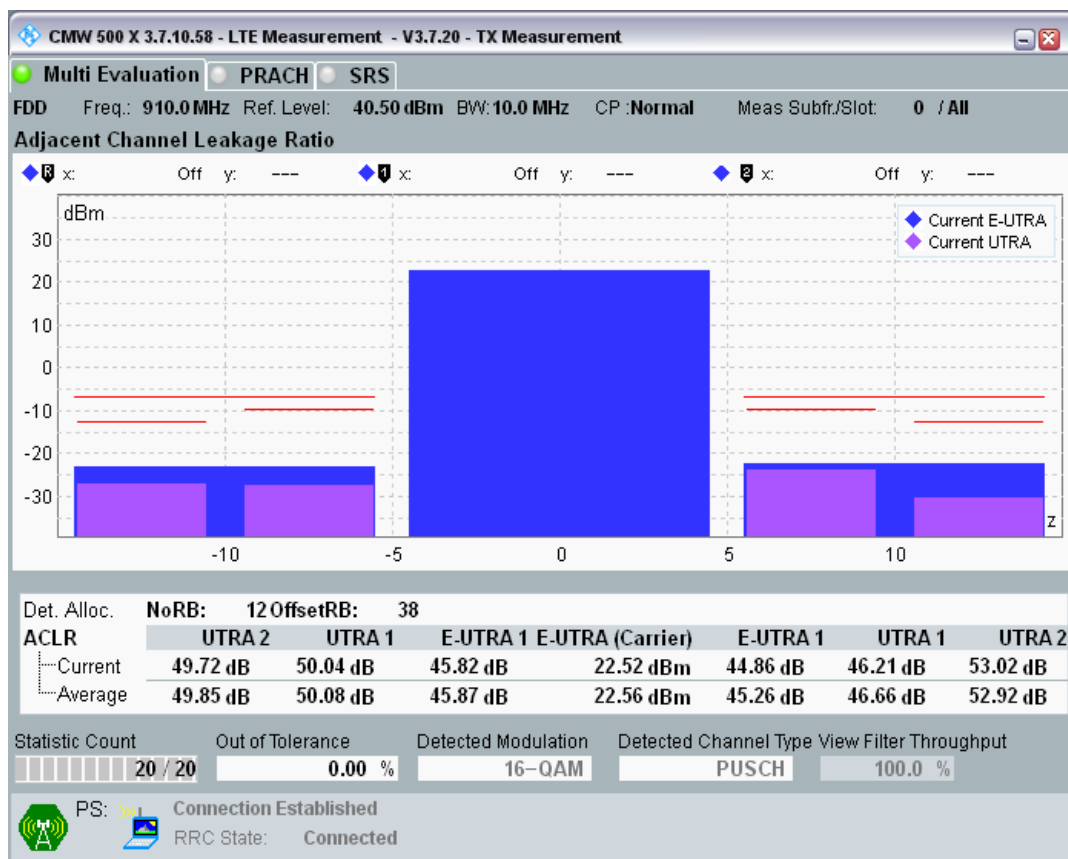
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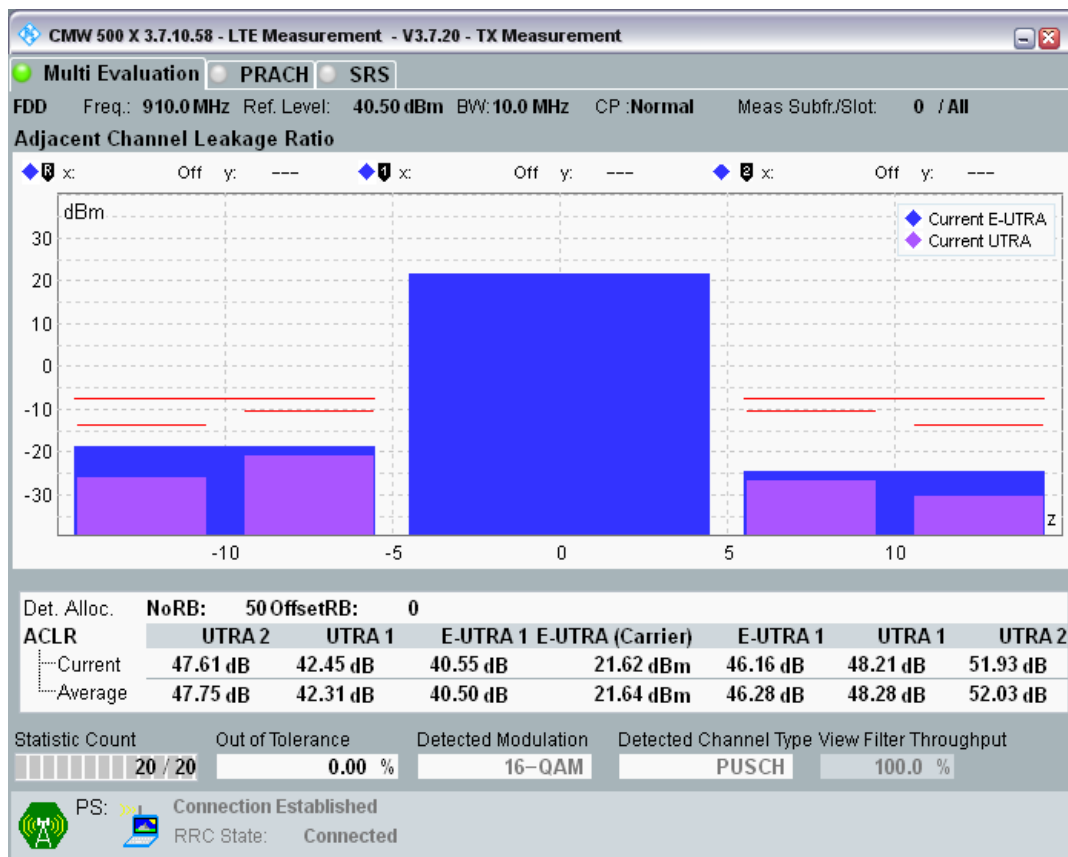
Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#0.png



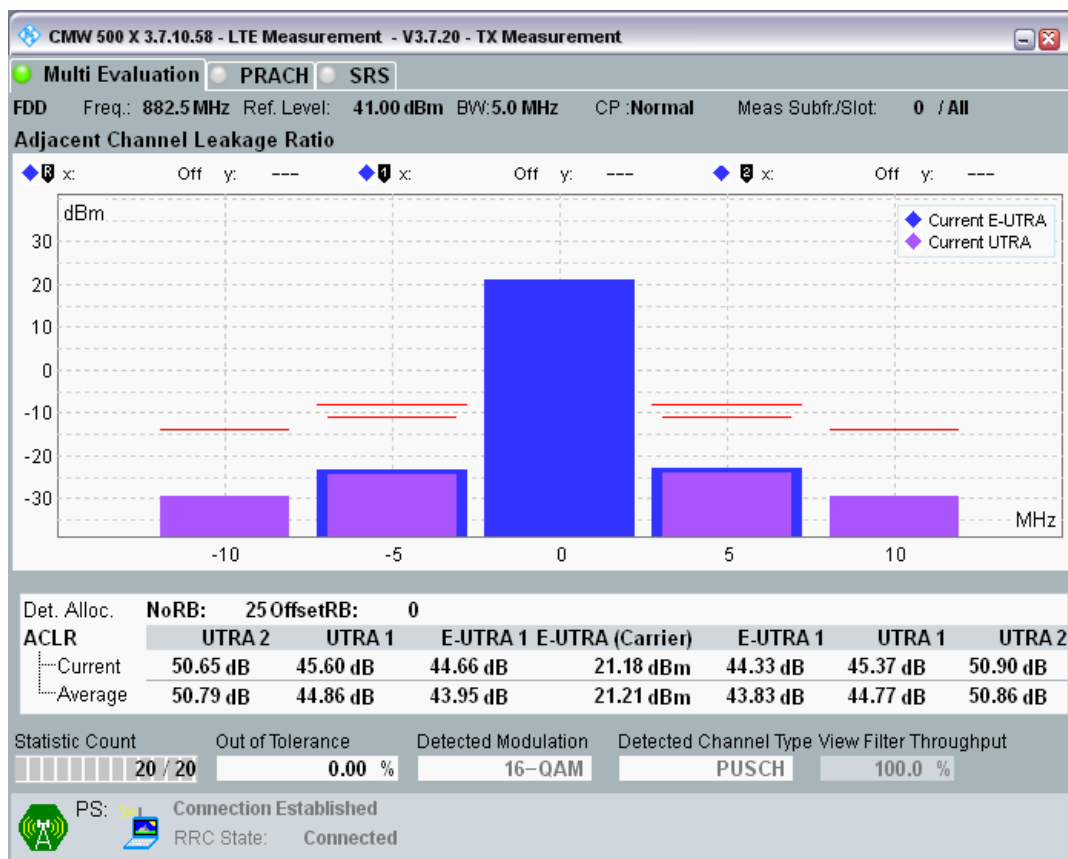
Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#Max.png



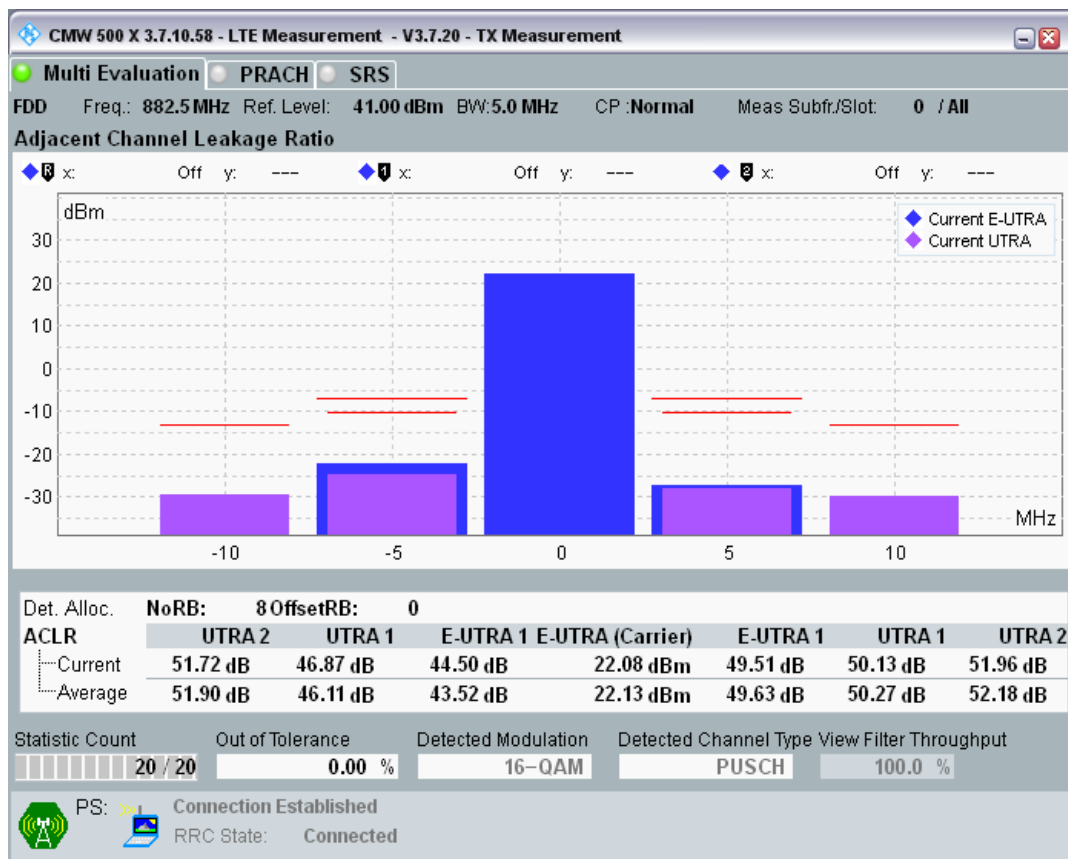
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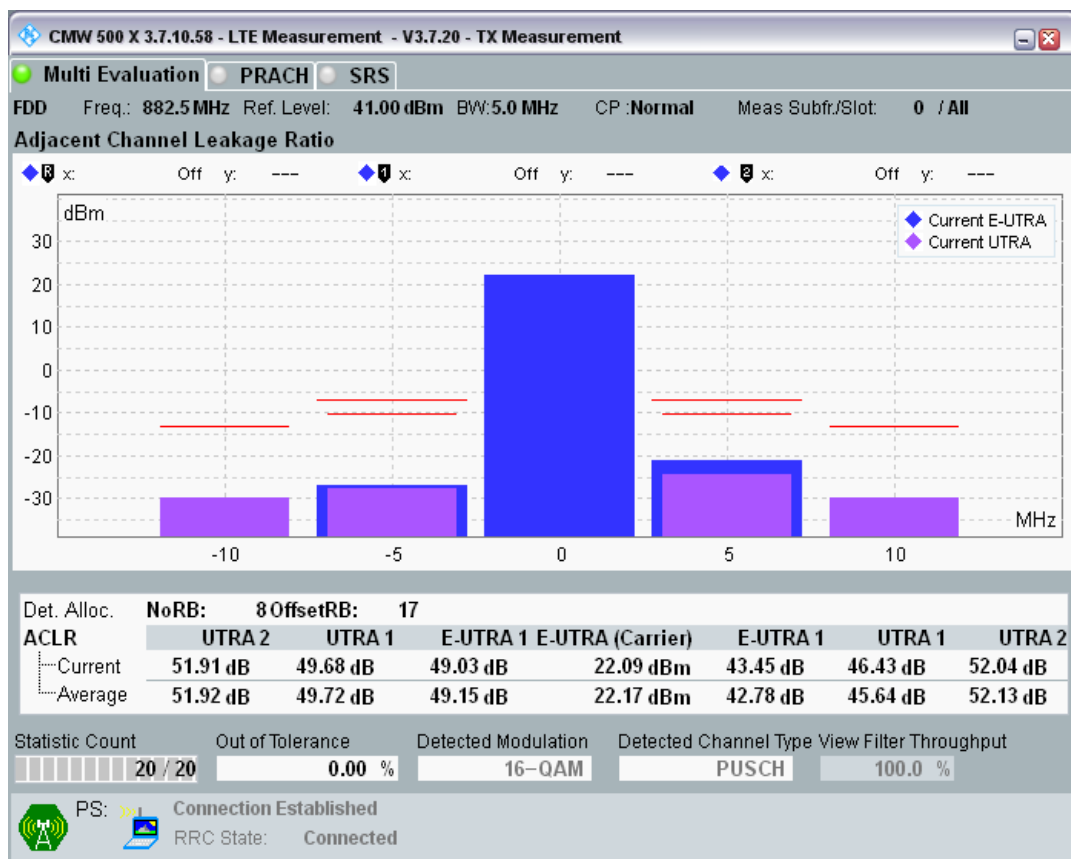
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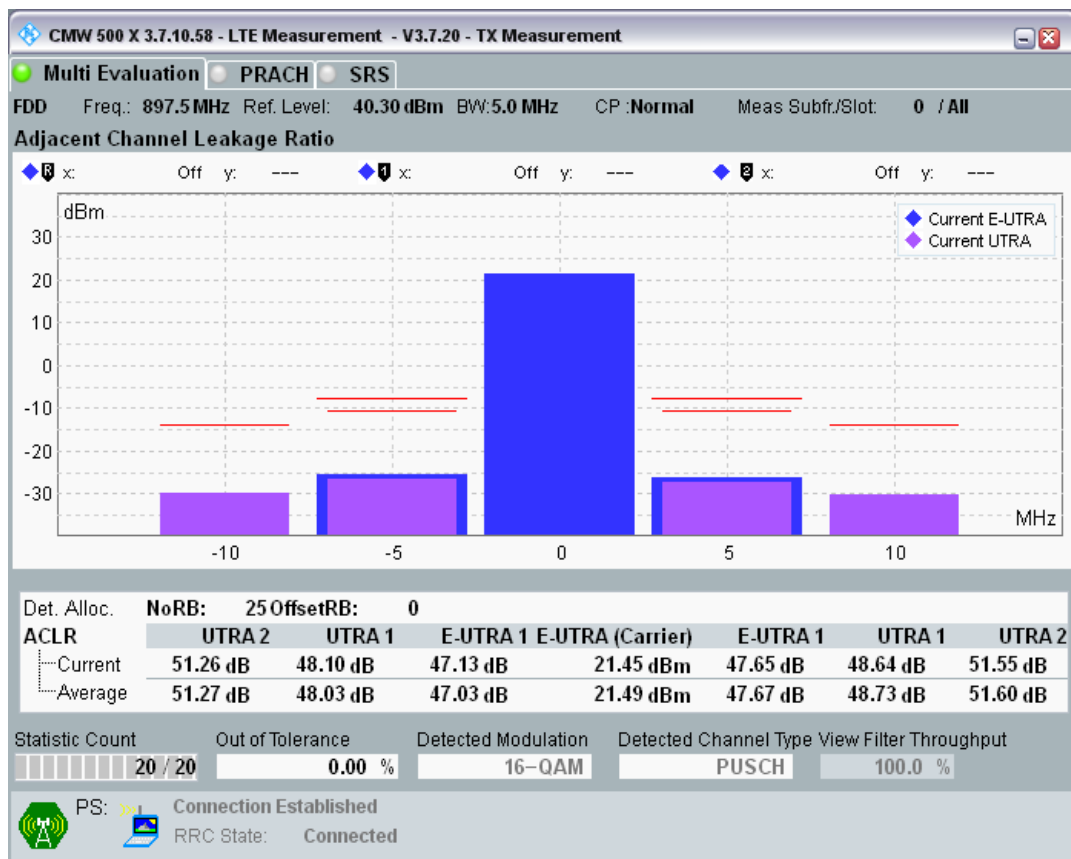
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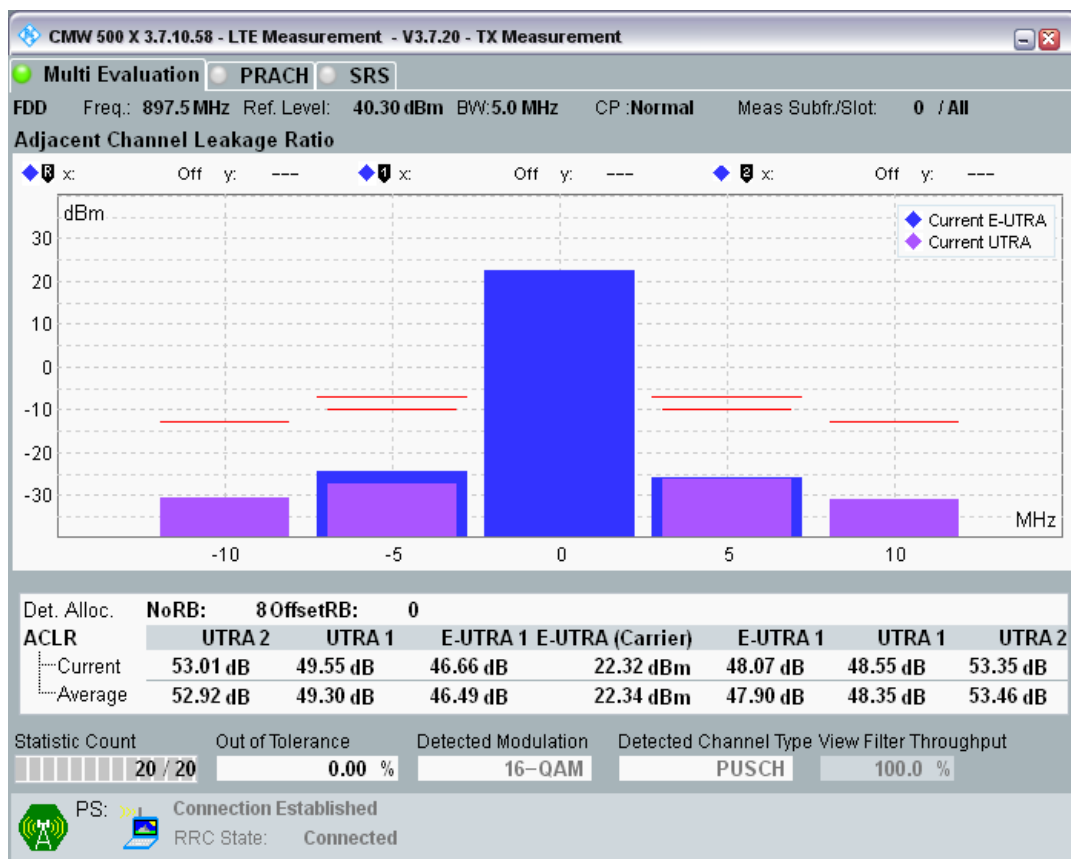
Band8 QAM16 BW=5MHz Channel=21475 RB Size=8 Position=#Max.png



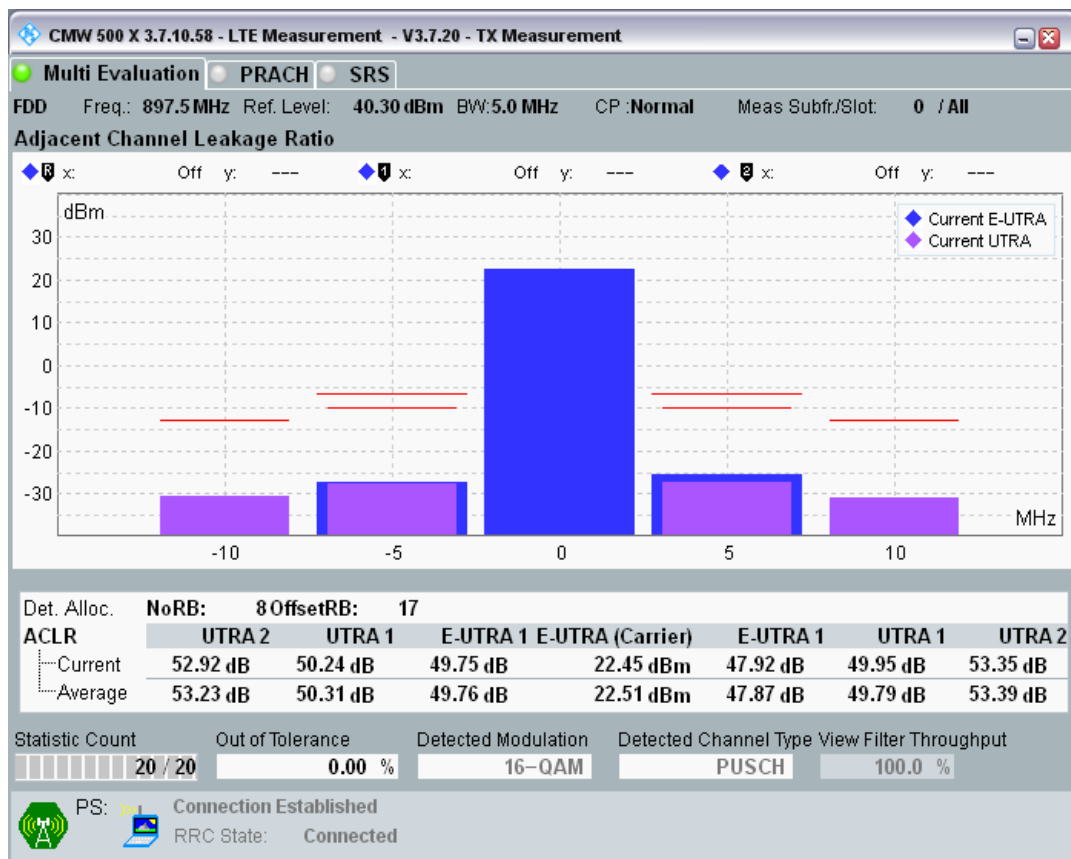
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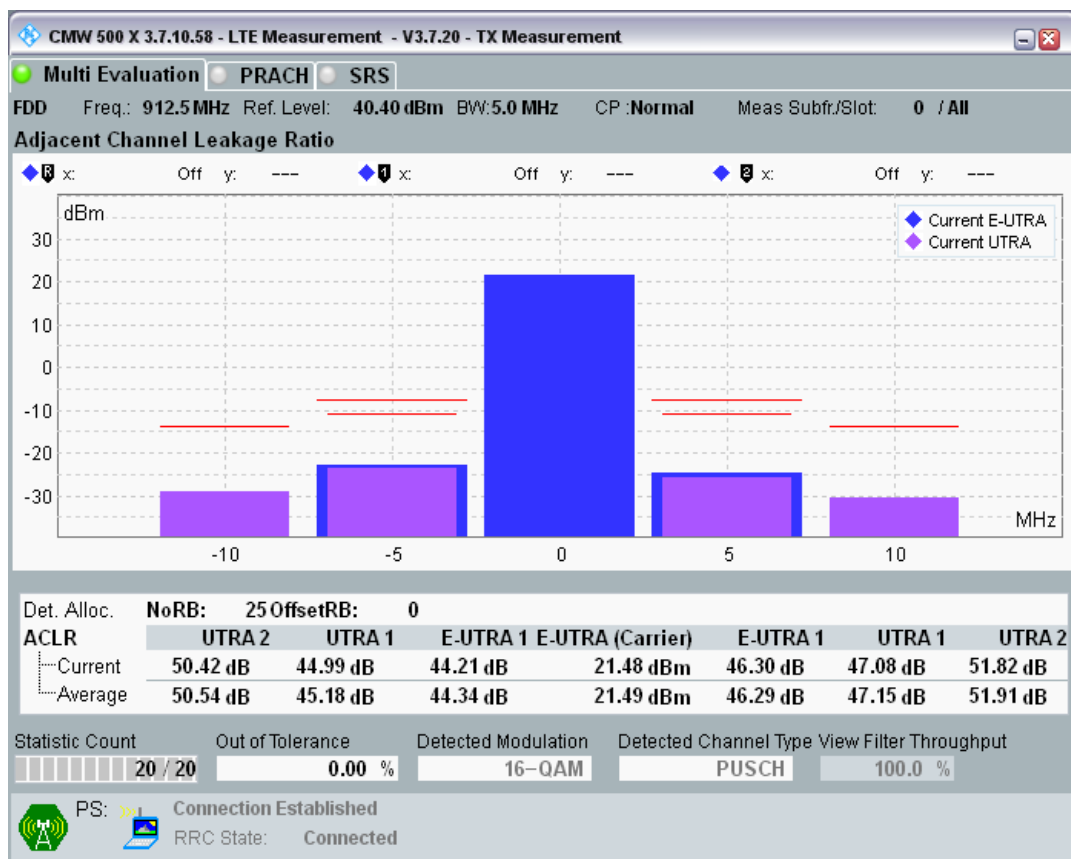
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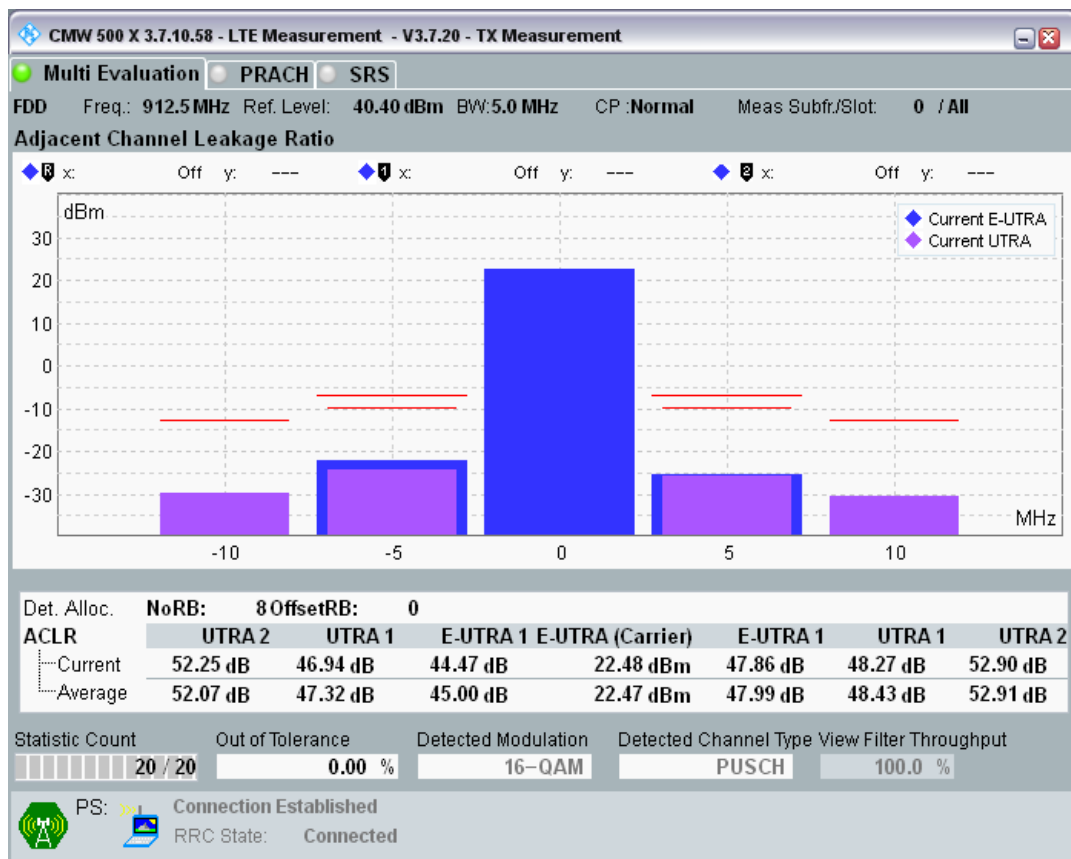
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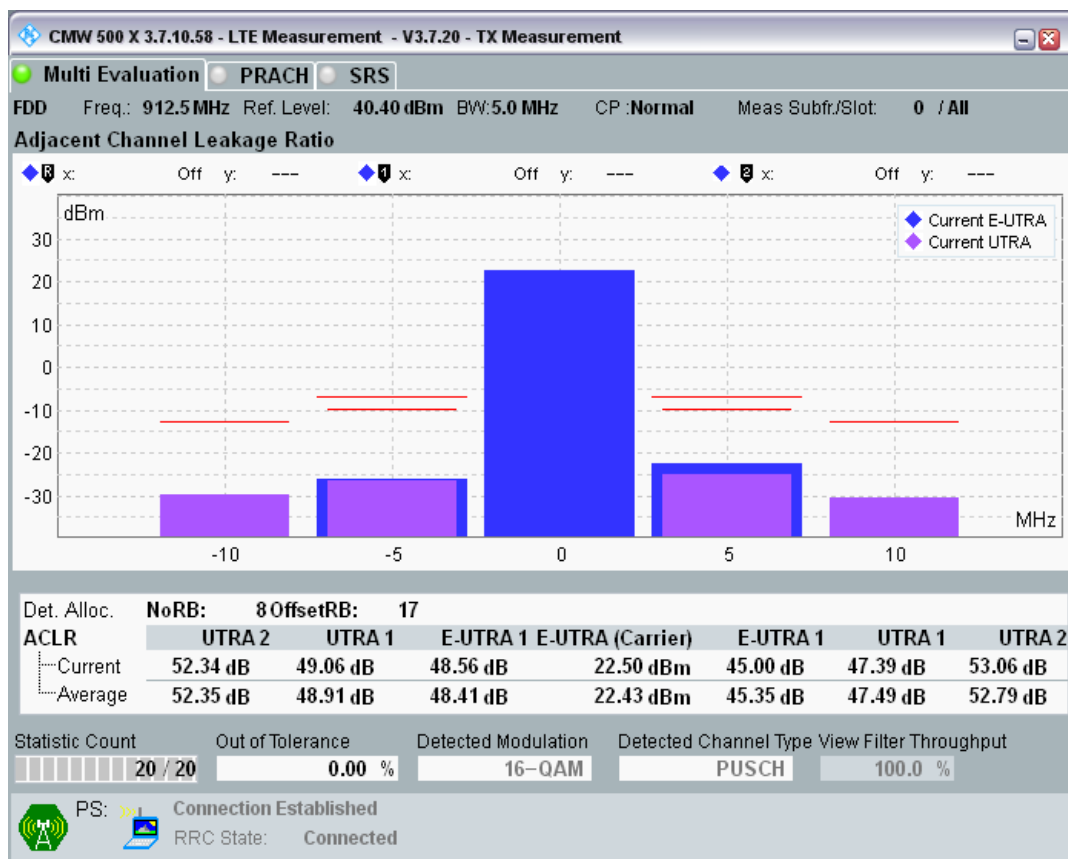
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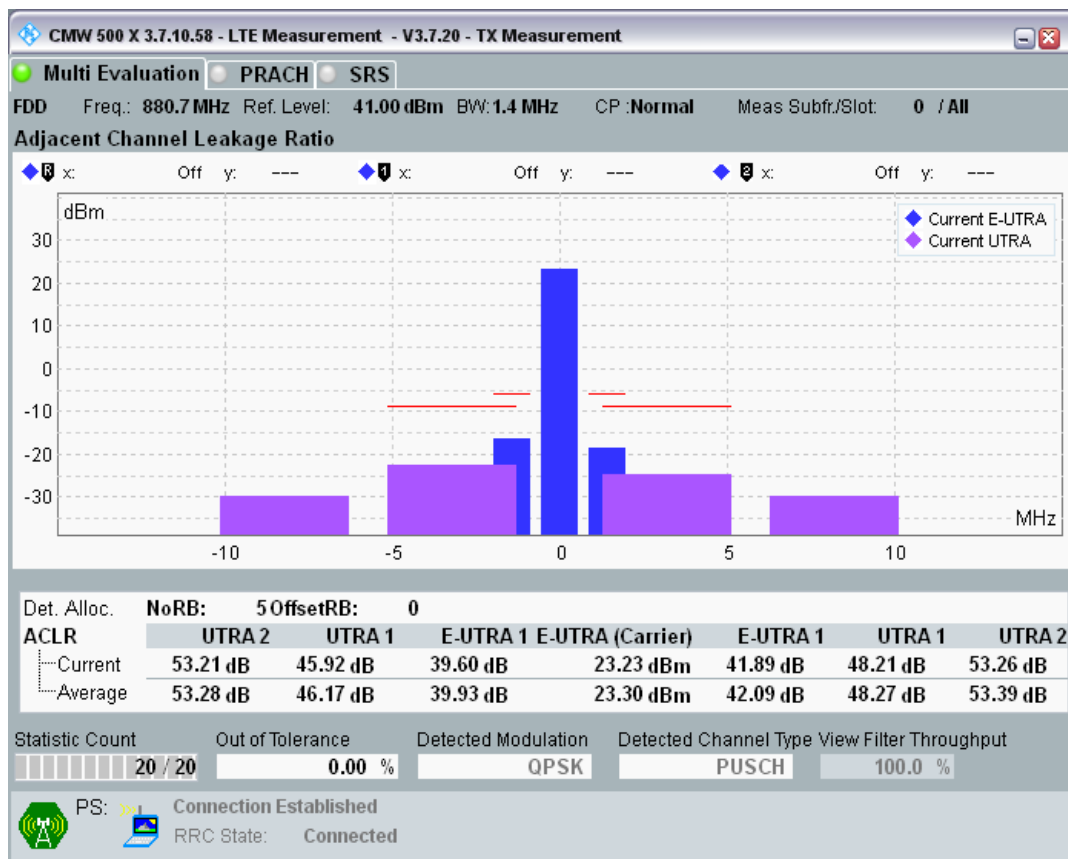
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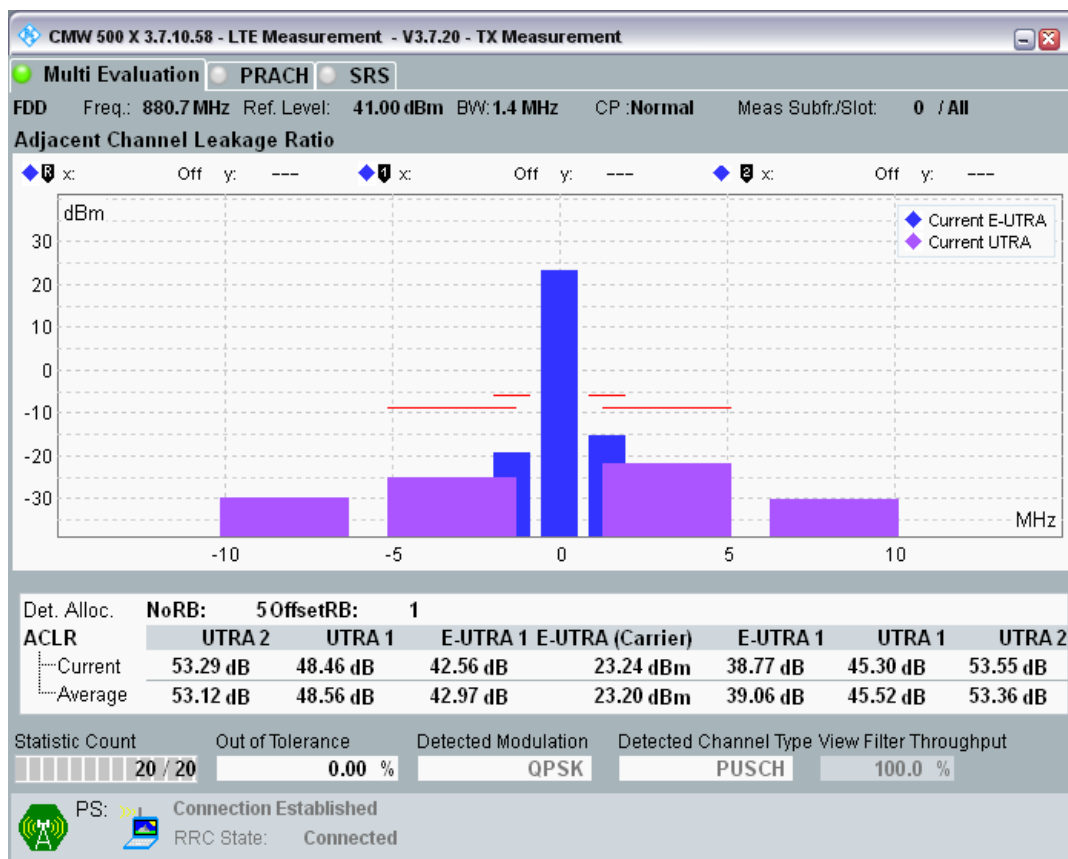
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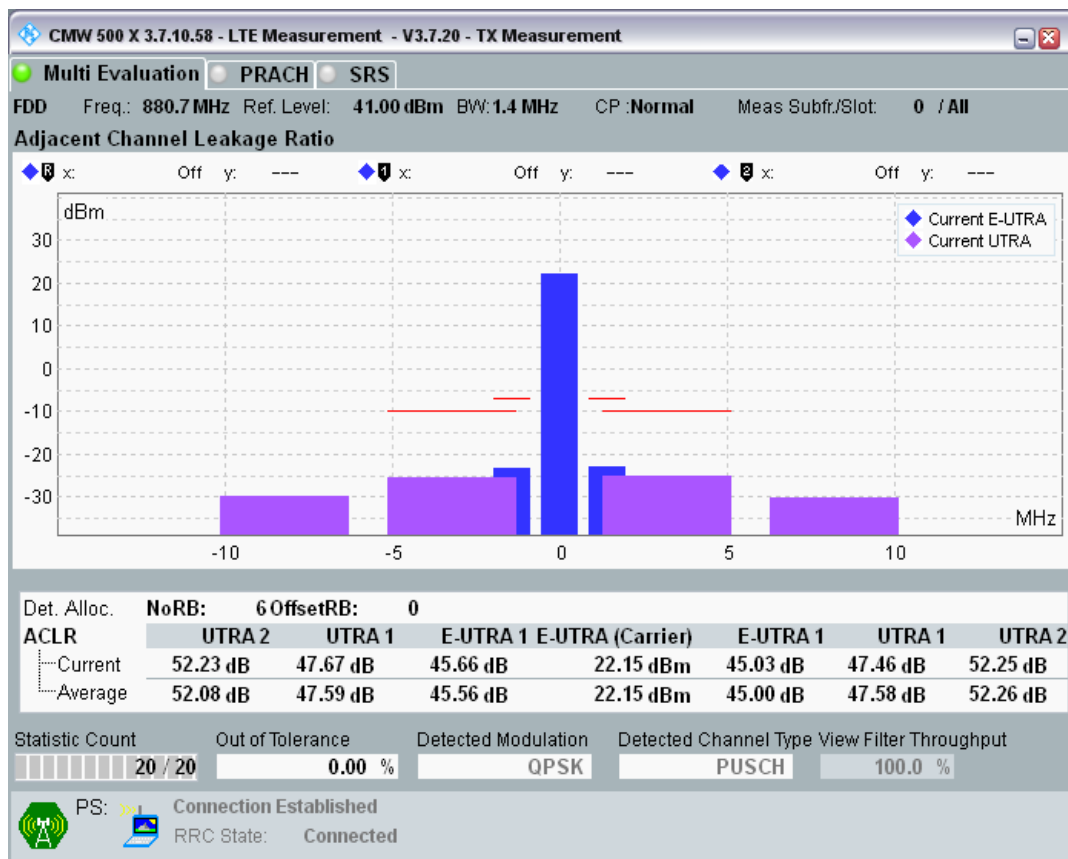
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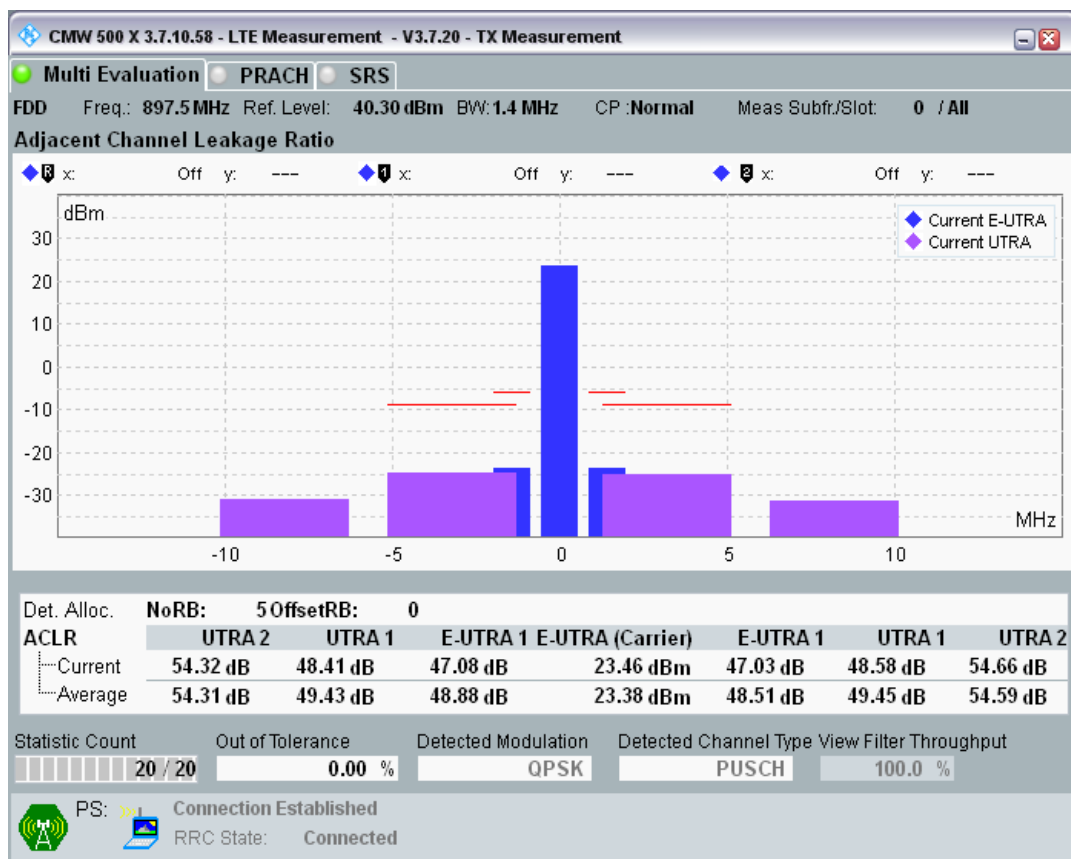
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png



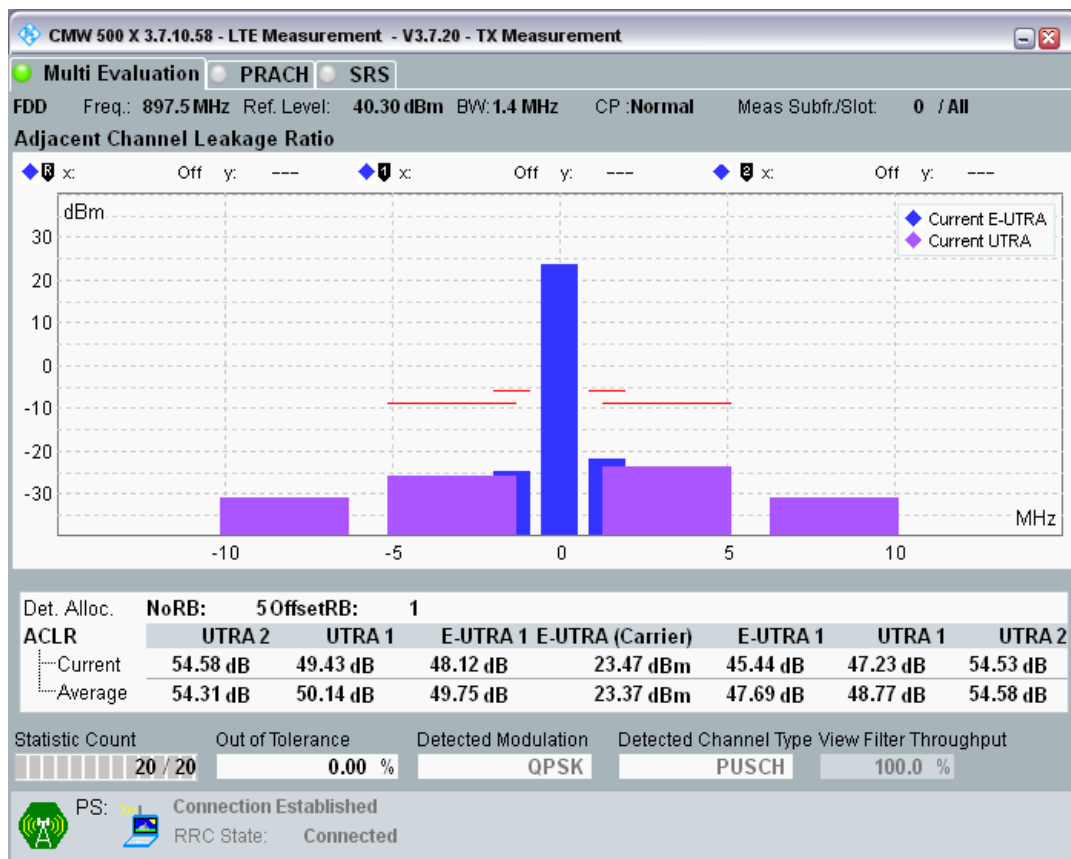
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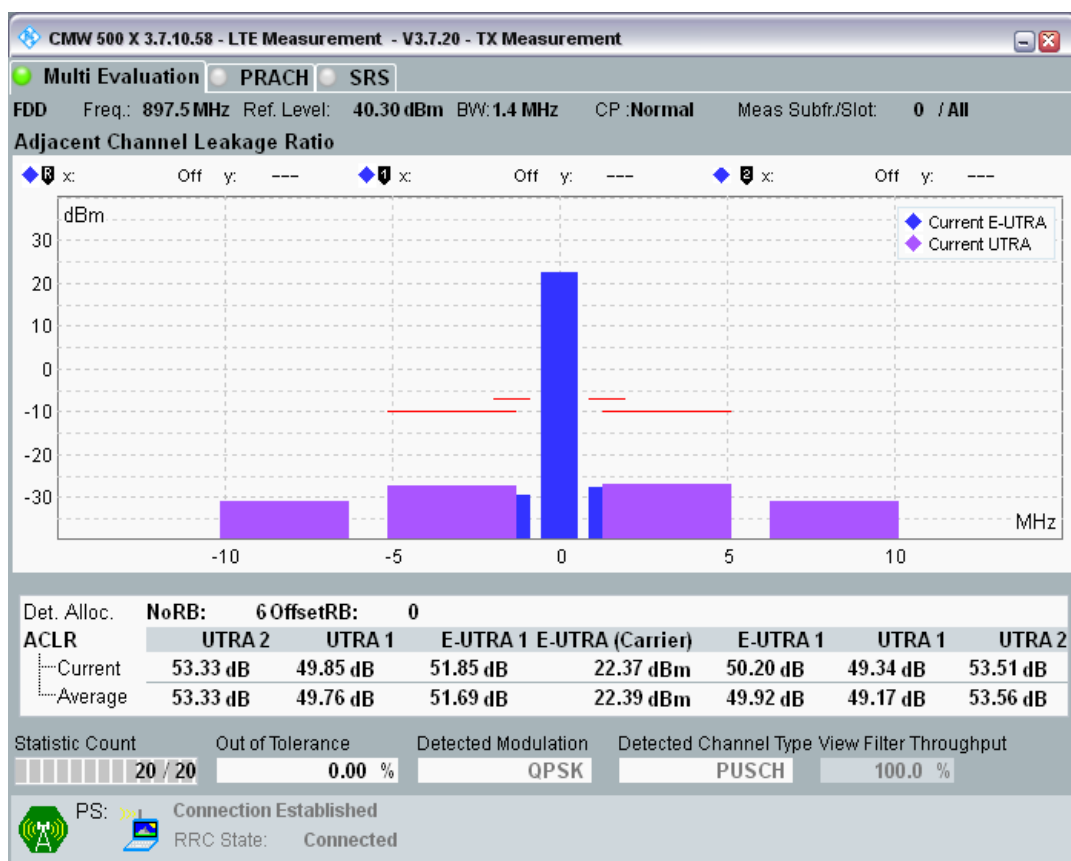
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=5 Position=#0.png



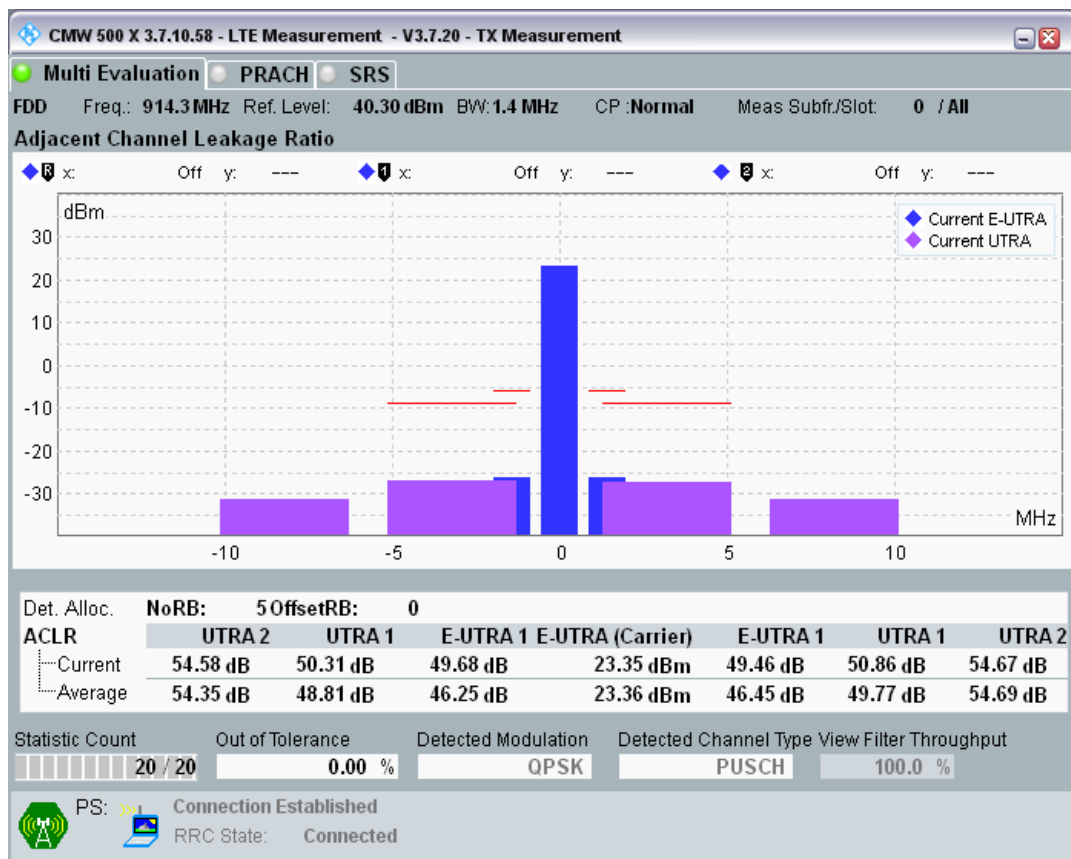
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=5 Position=#Max.png



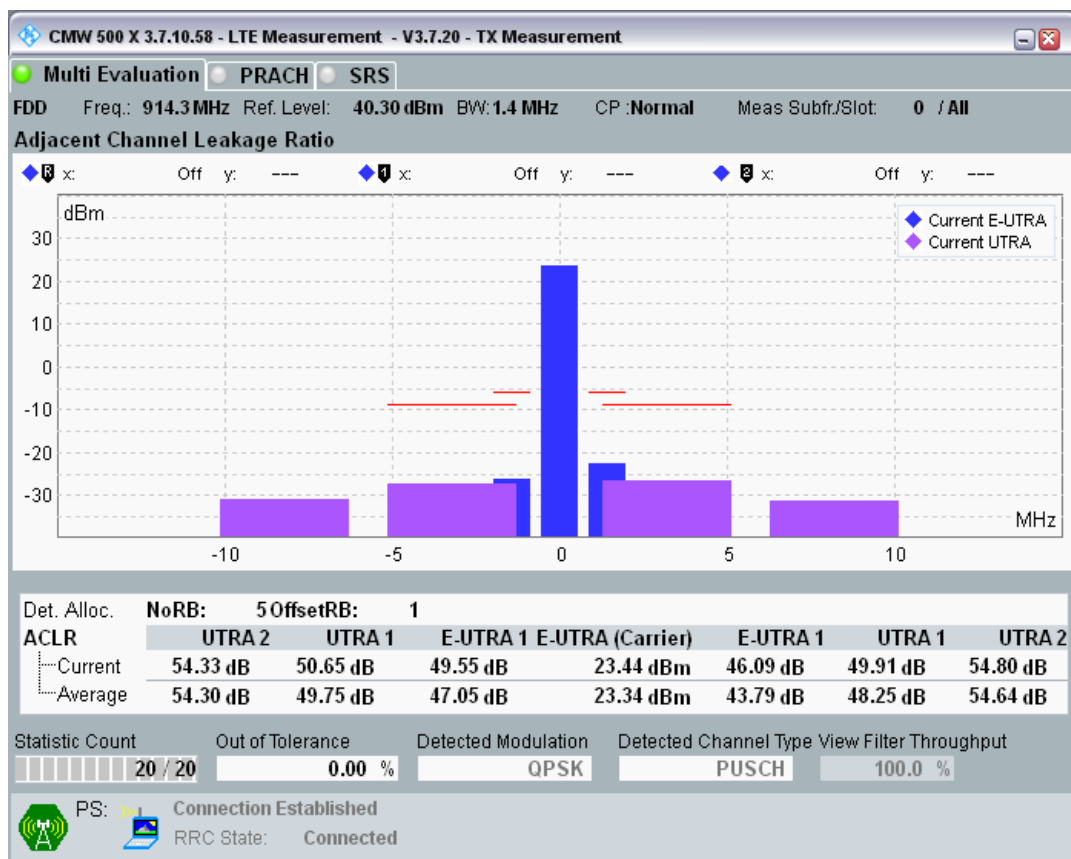
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png



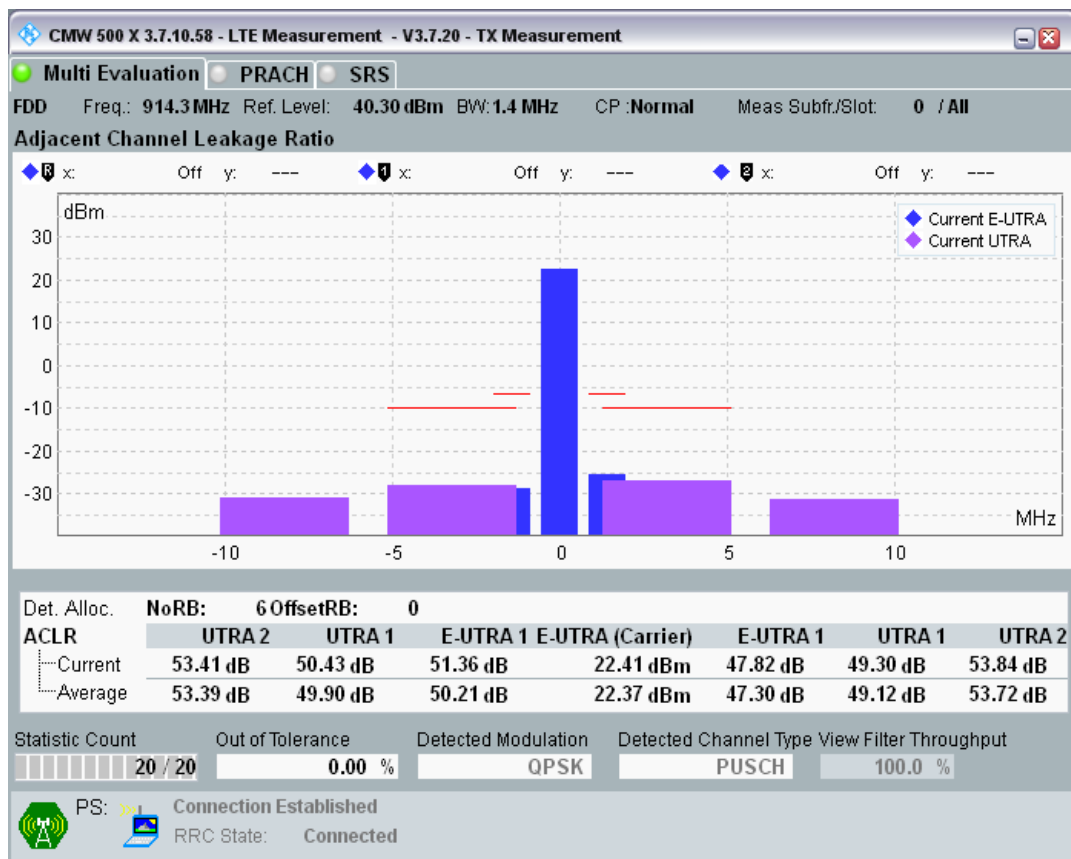
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



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



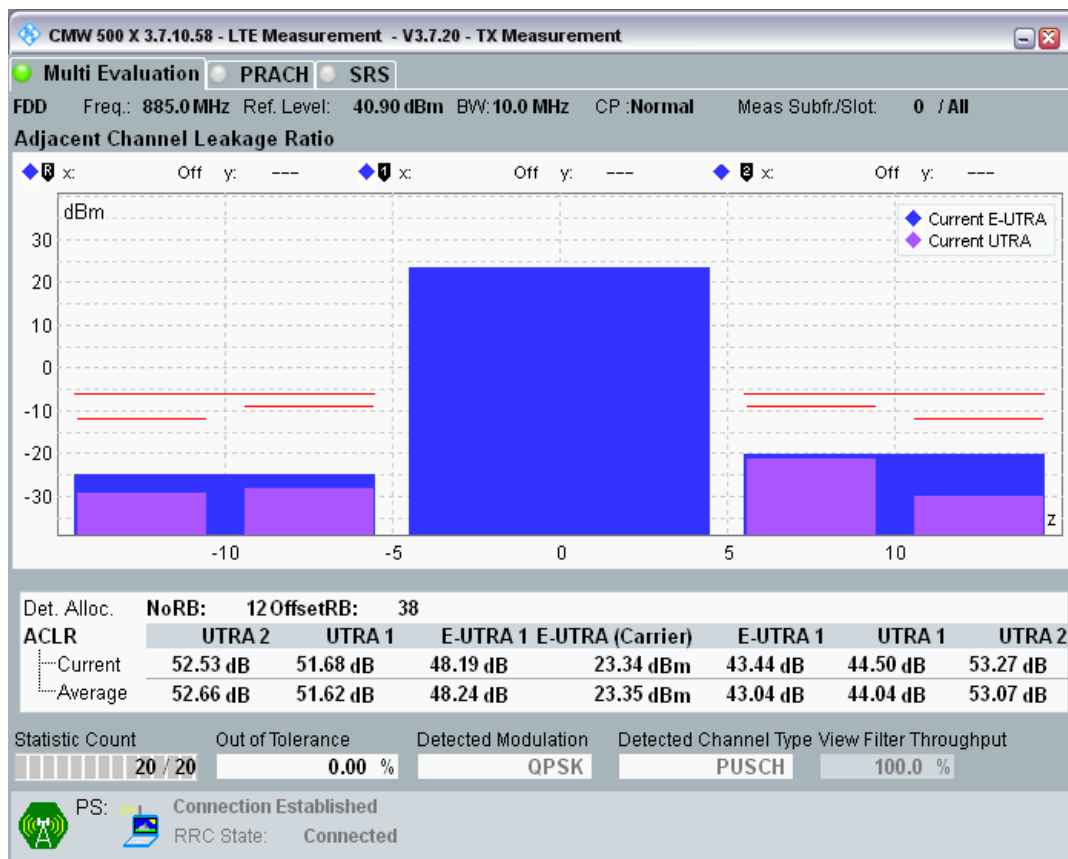
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



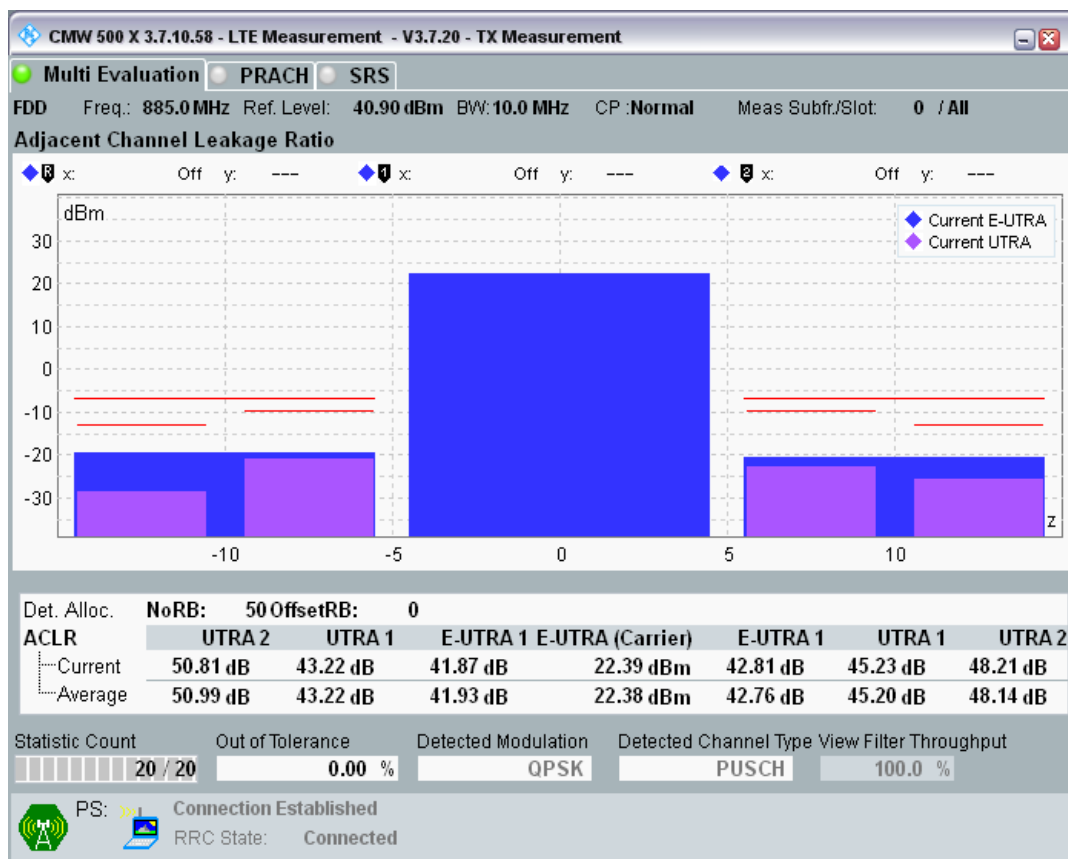
Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#0.png



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



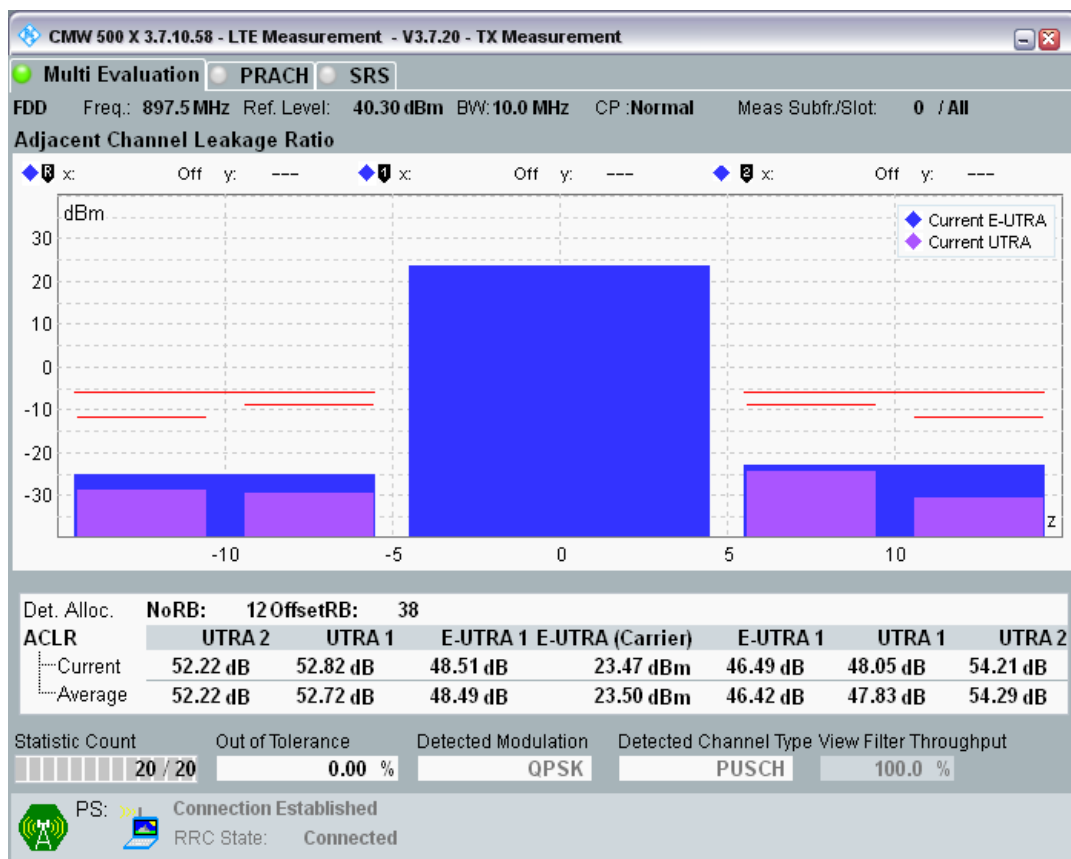
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Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#0.png



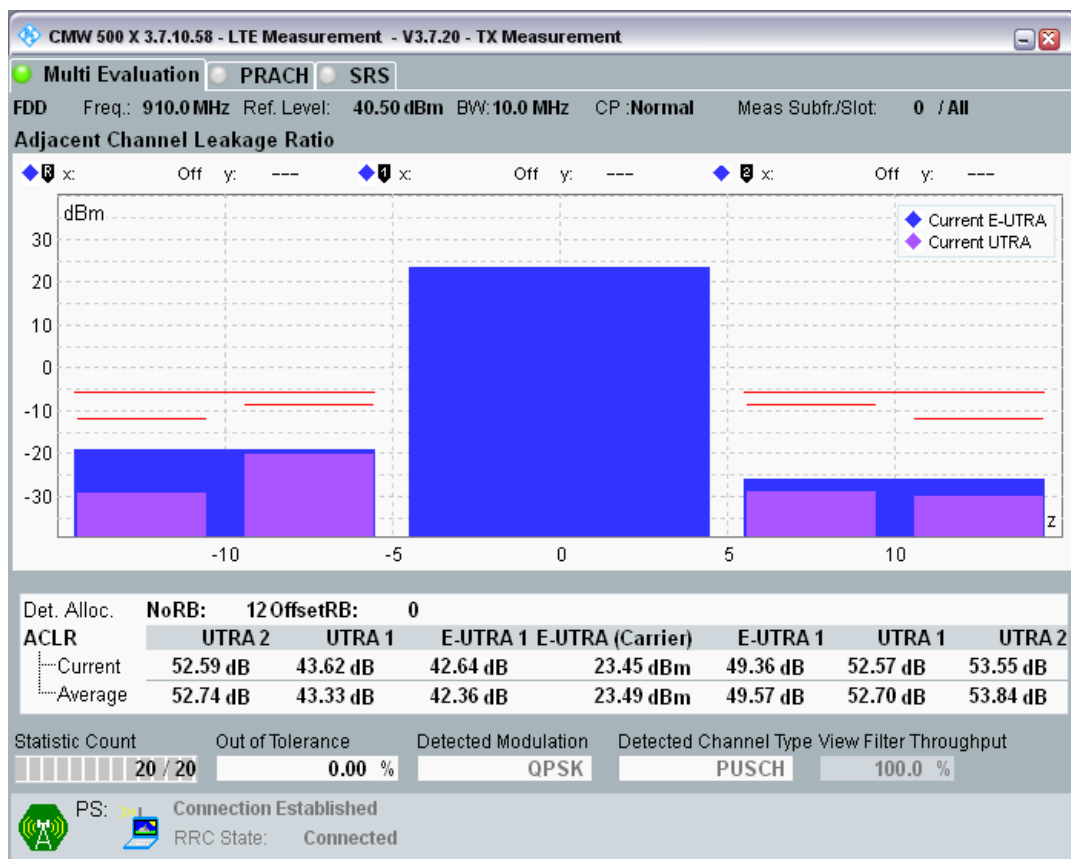
Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#Max.png



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



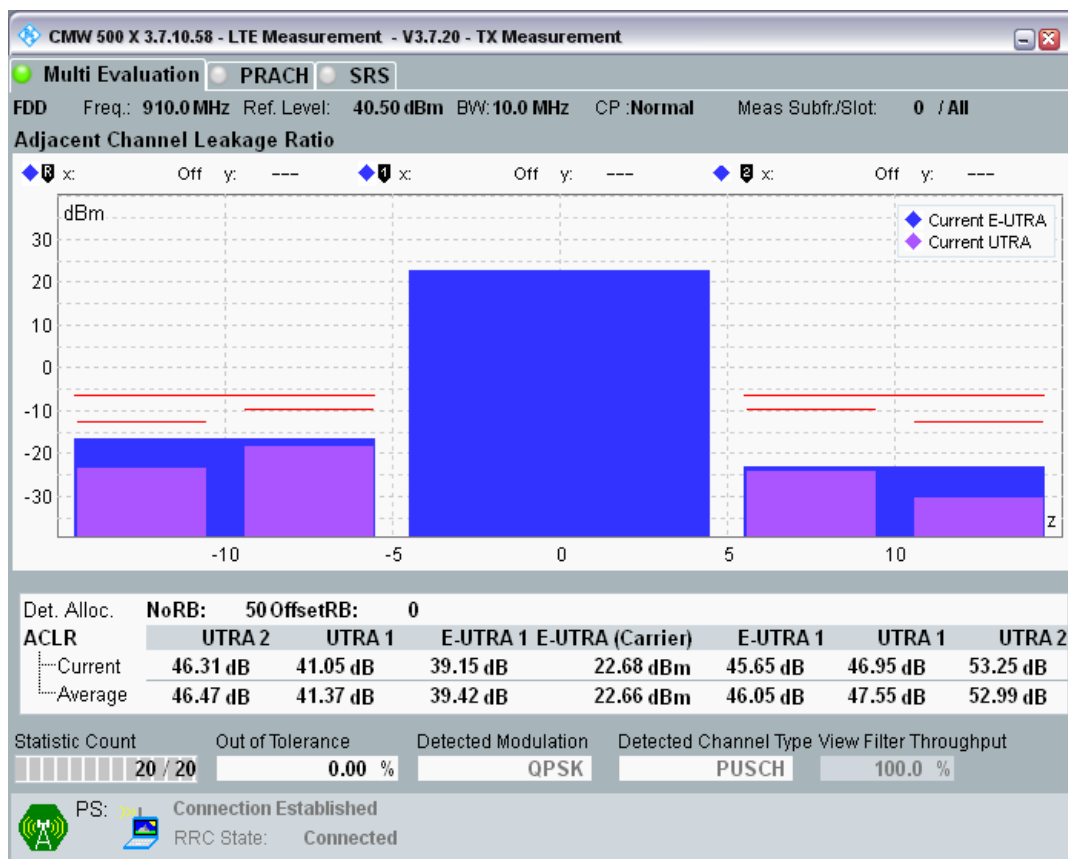
Band8 QPSK BW=10MHz Channel=21750 RB Size=12 Position=#0.png



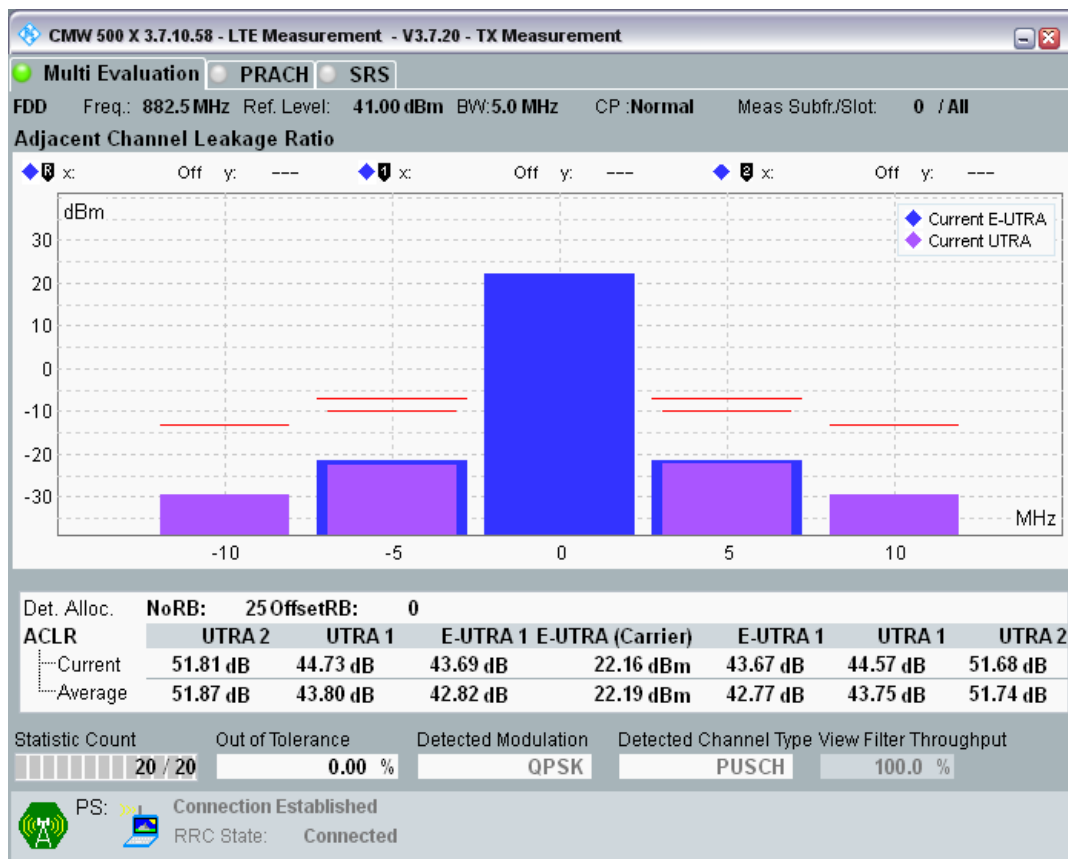
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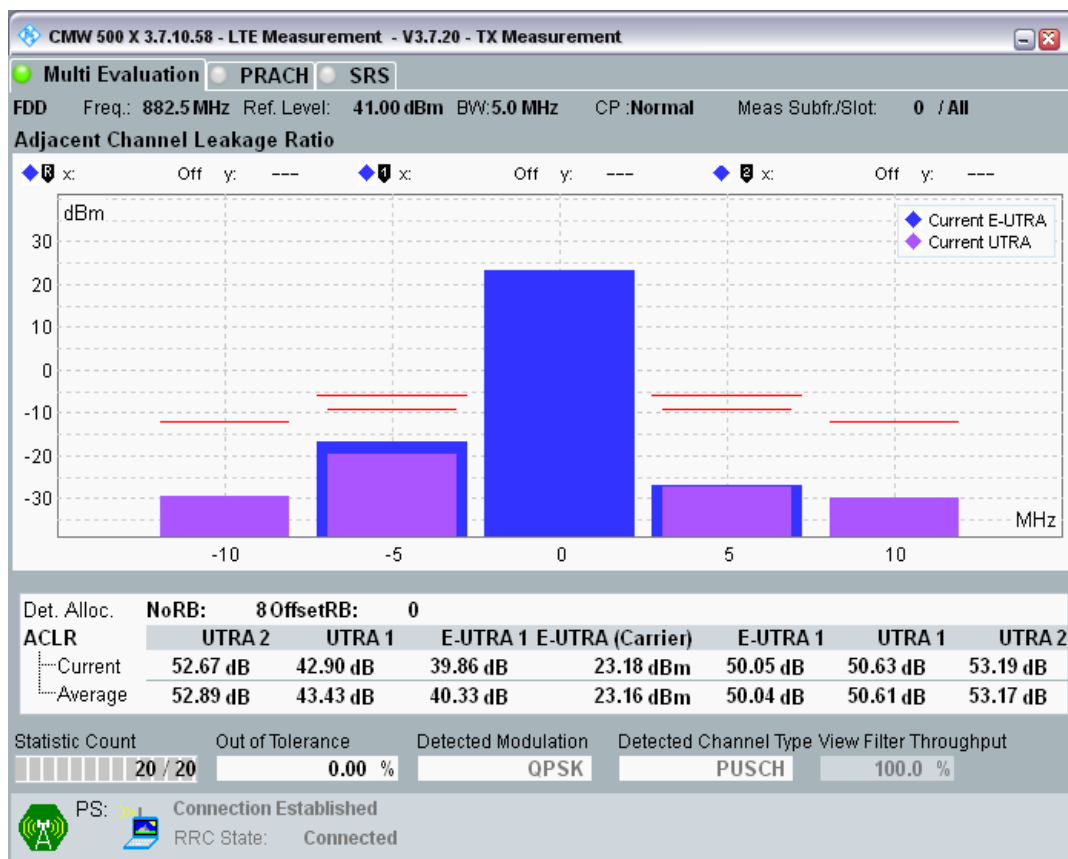
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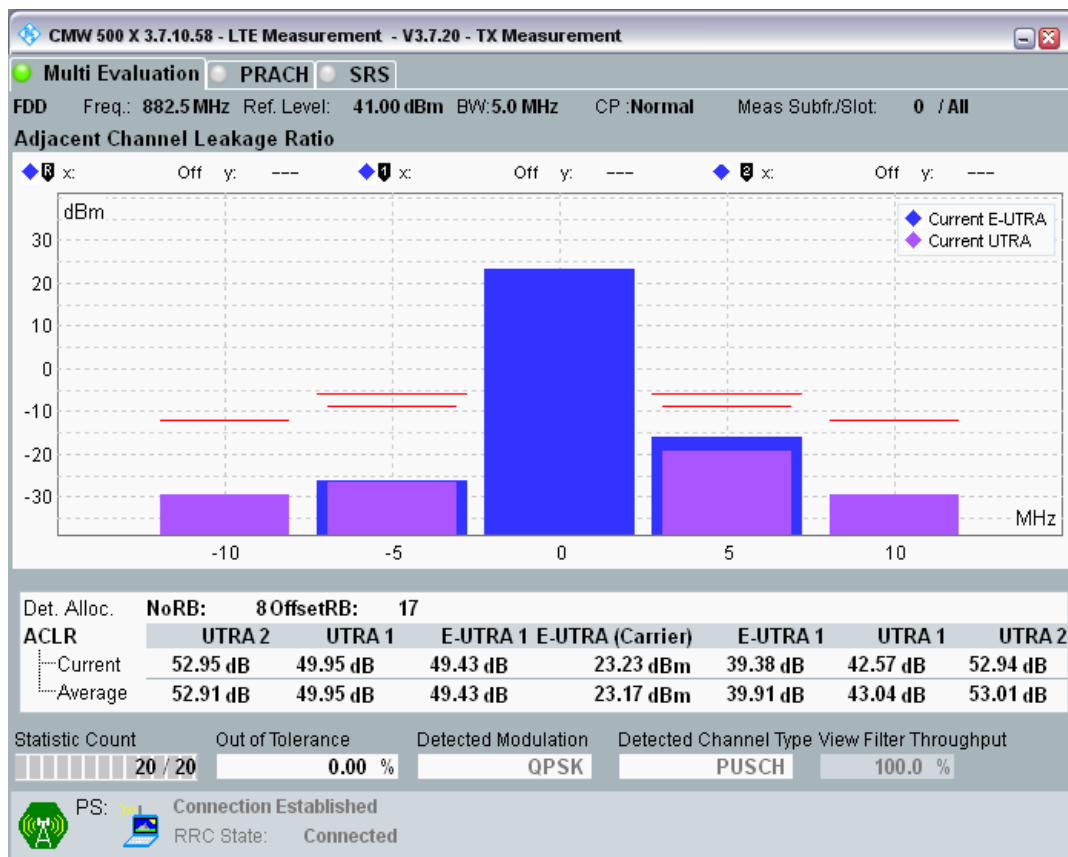
Band8 QPSK BW=5MHz Channel=21475 RB Size=25 Position=#0.png



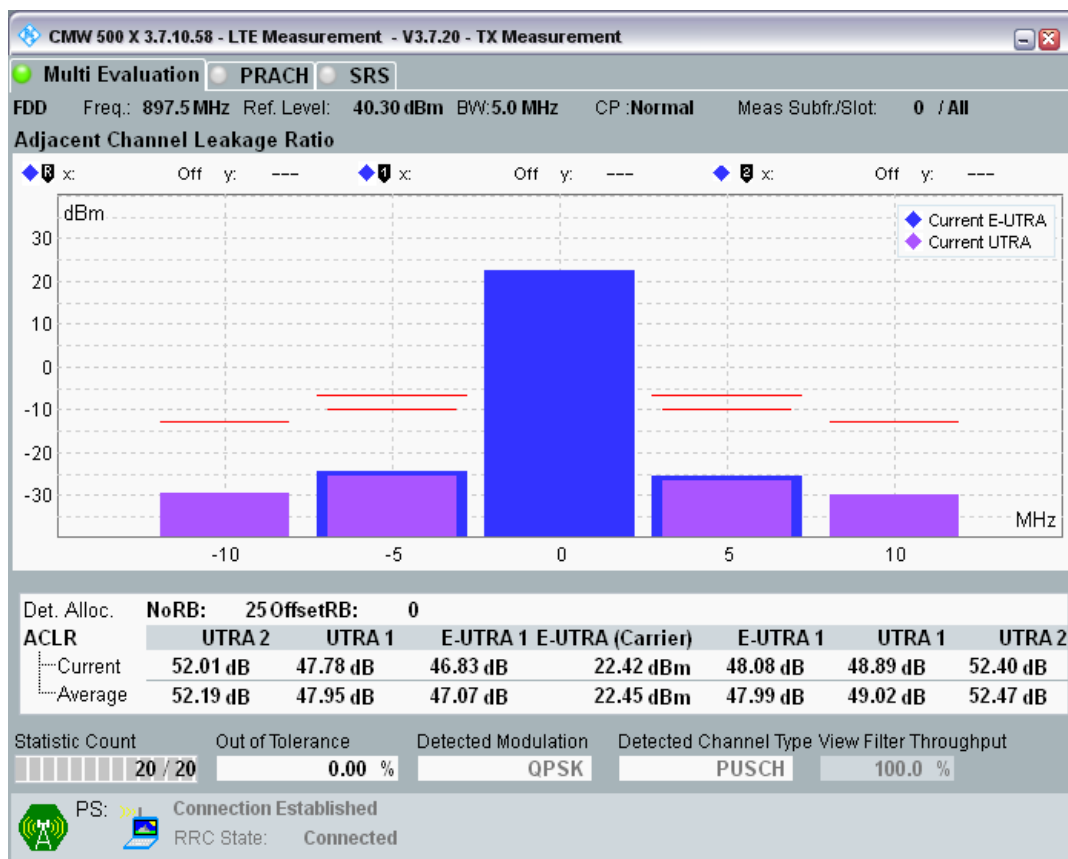
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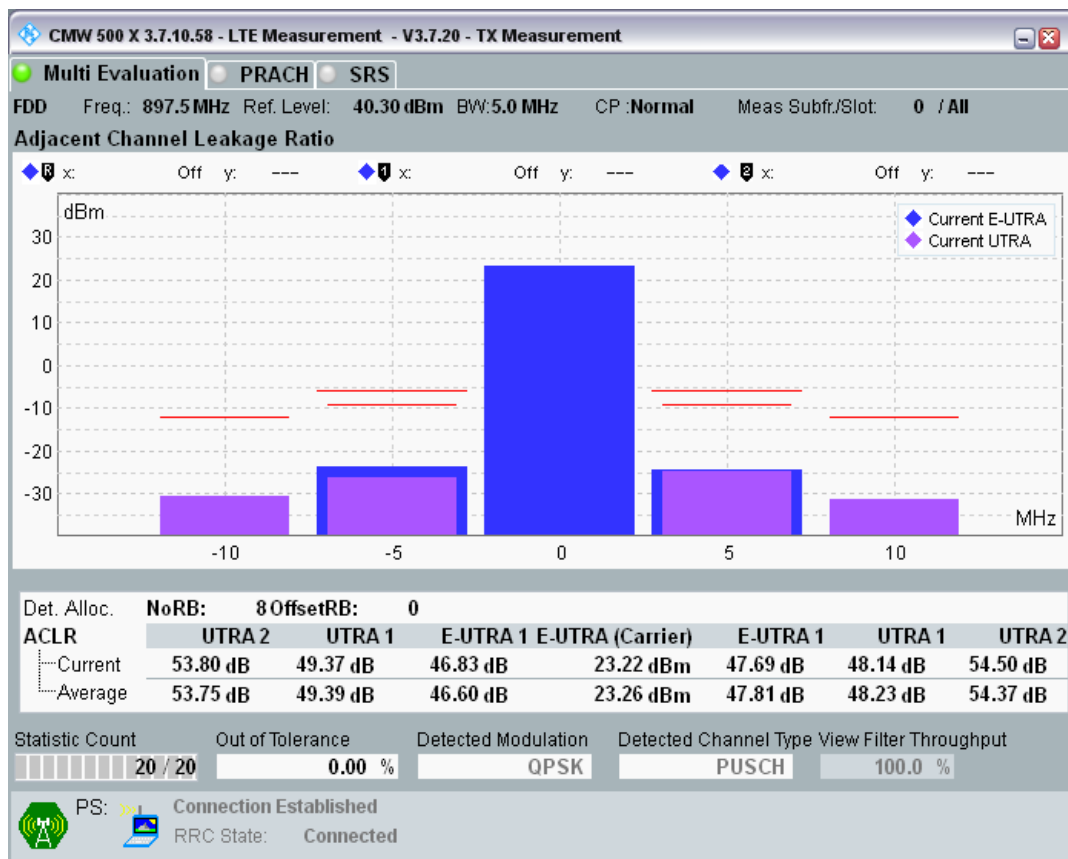
Band8 QPSK BW=5MHz Channel=21475 RB Size=8 Position=#Max.png



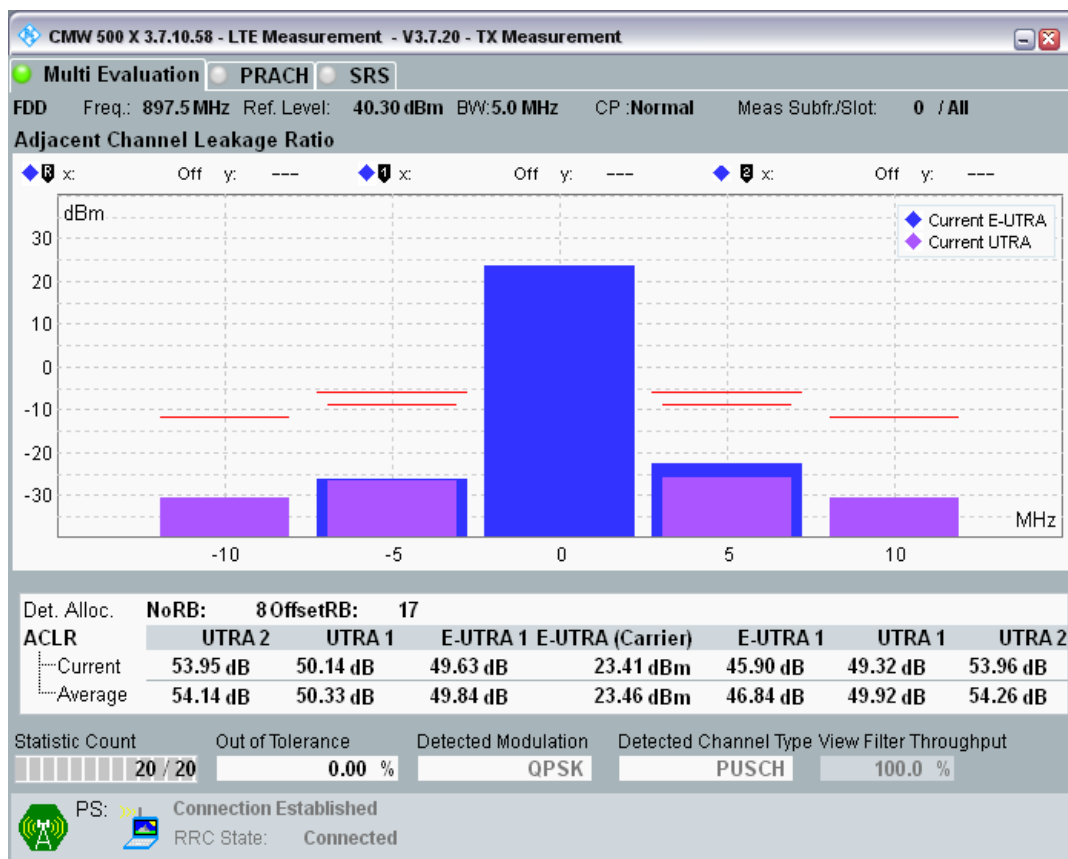
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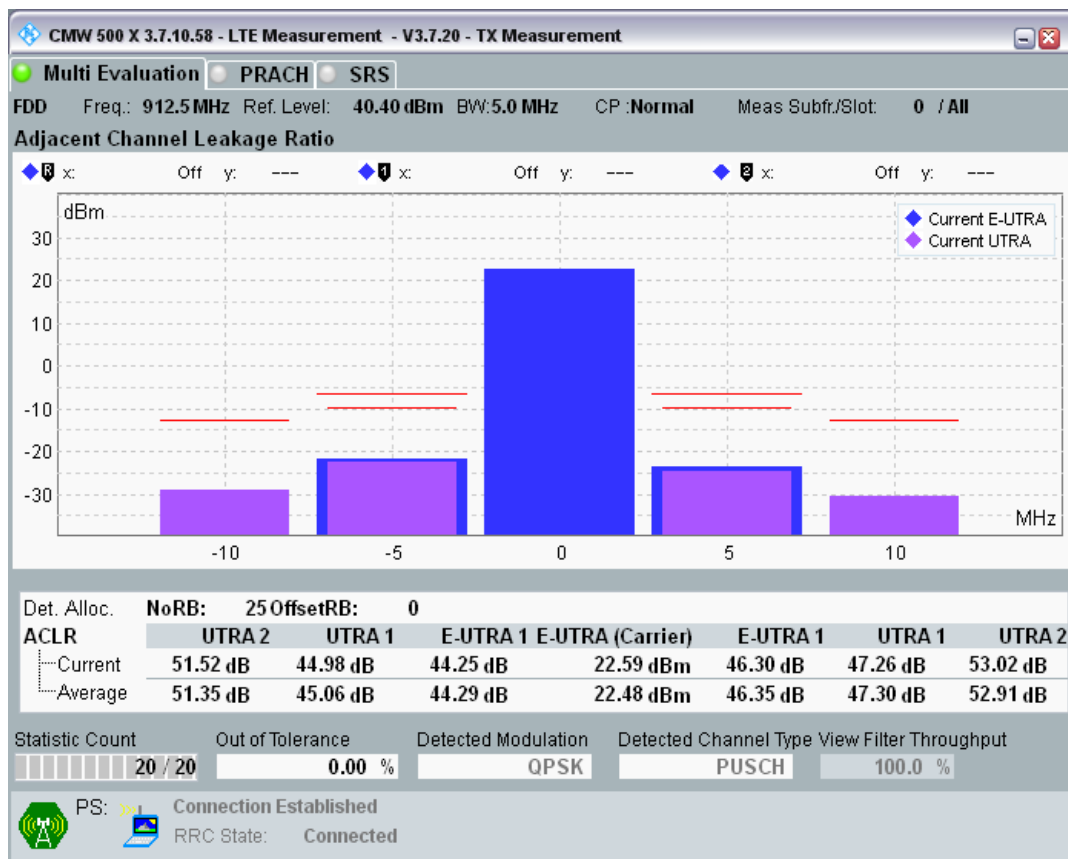
Band8 QPSK BW=5MHz Channel=21625 RB Size=8 Position=#0.png



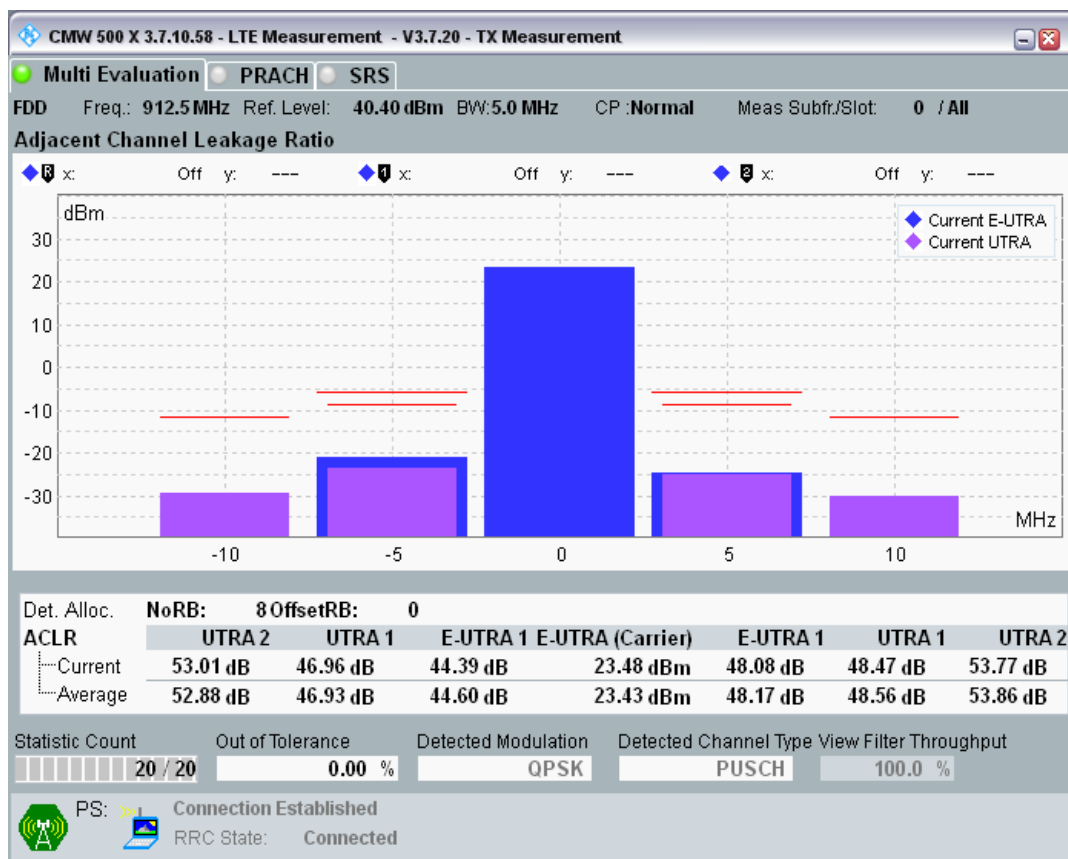
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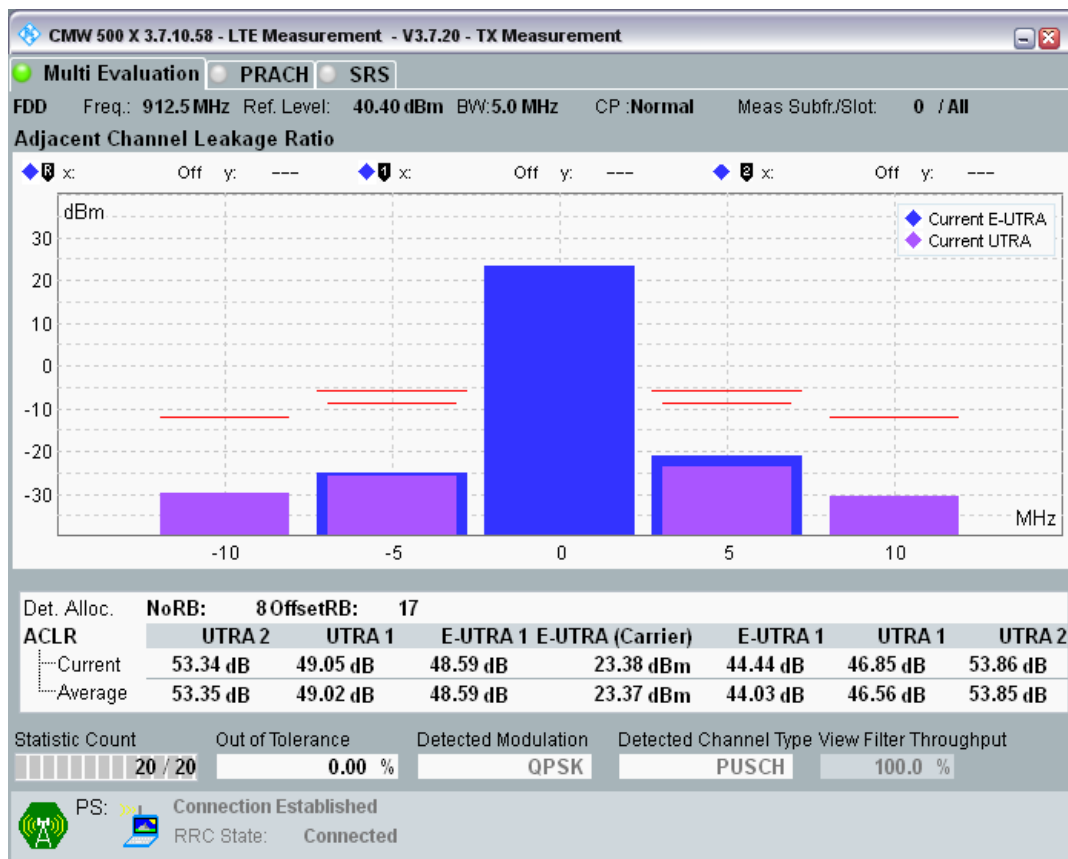
Band8 QPSK BW=5MHz Channel=21775 RB Size=25 Position=#0.png



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



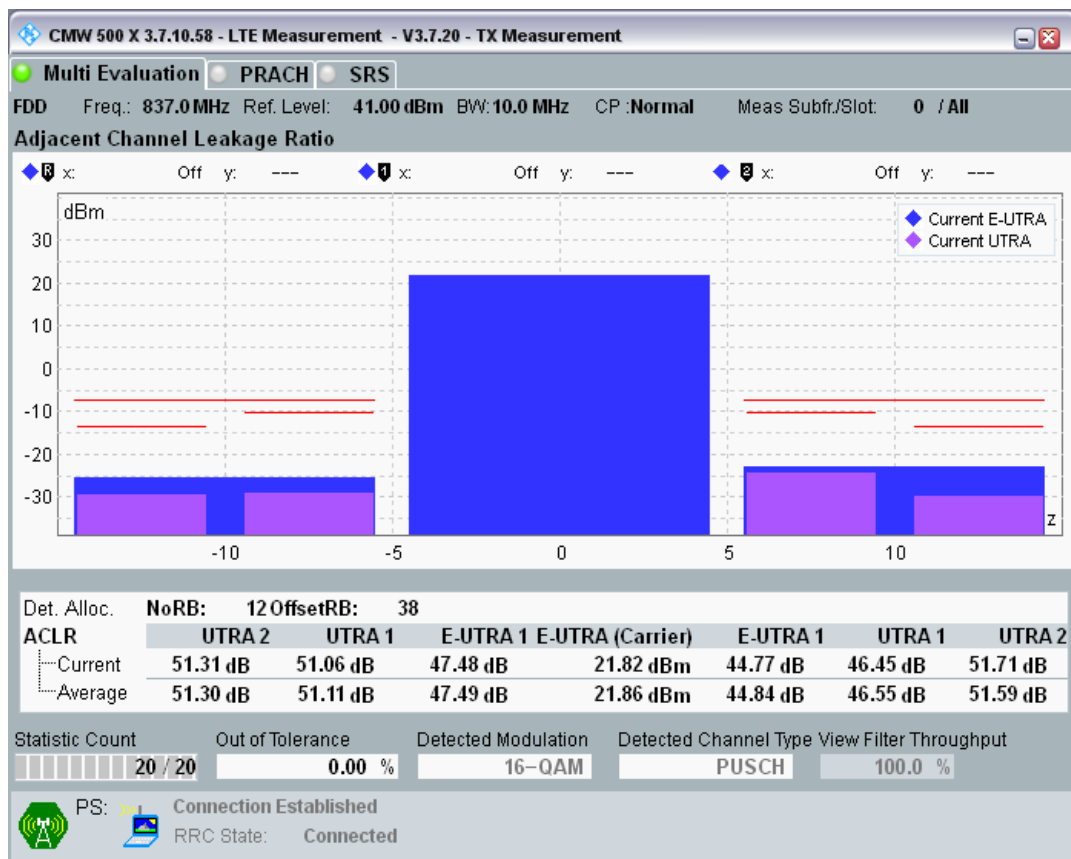
Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



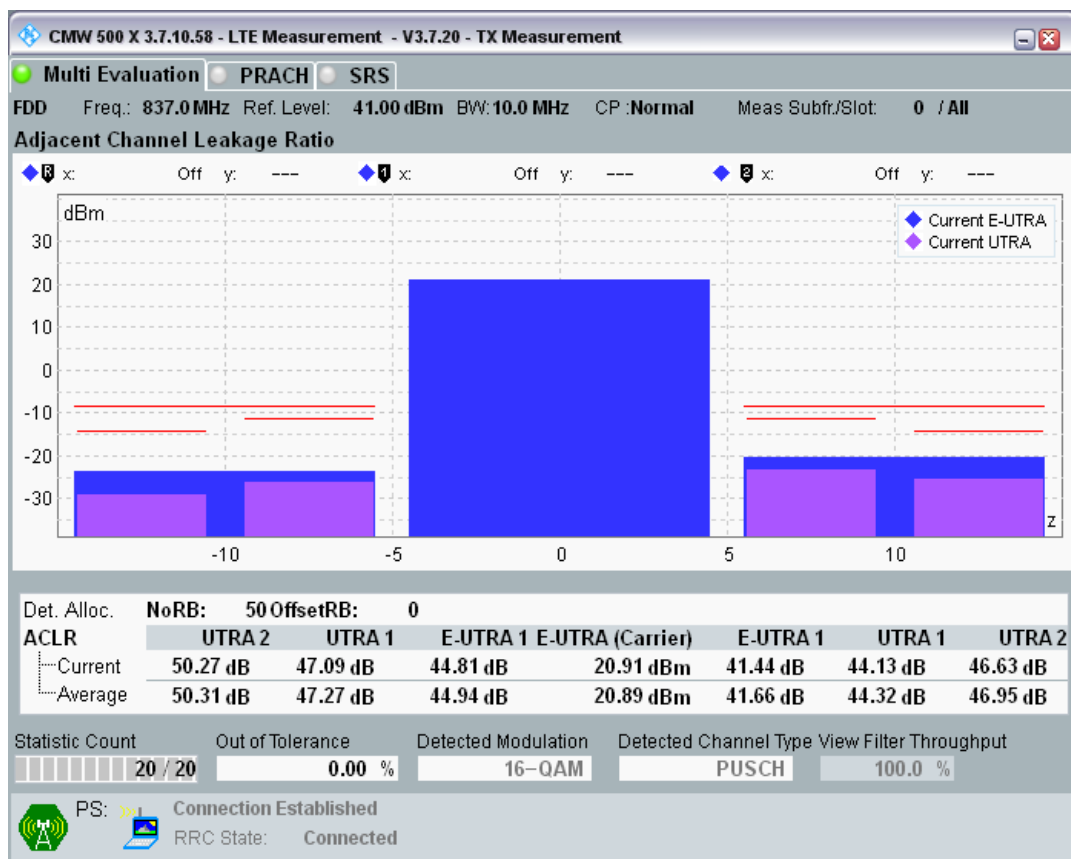
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#0.png



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



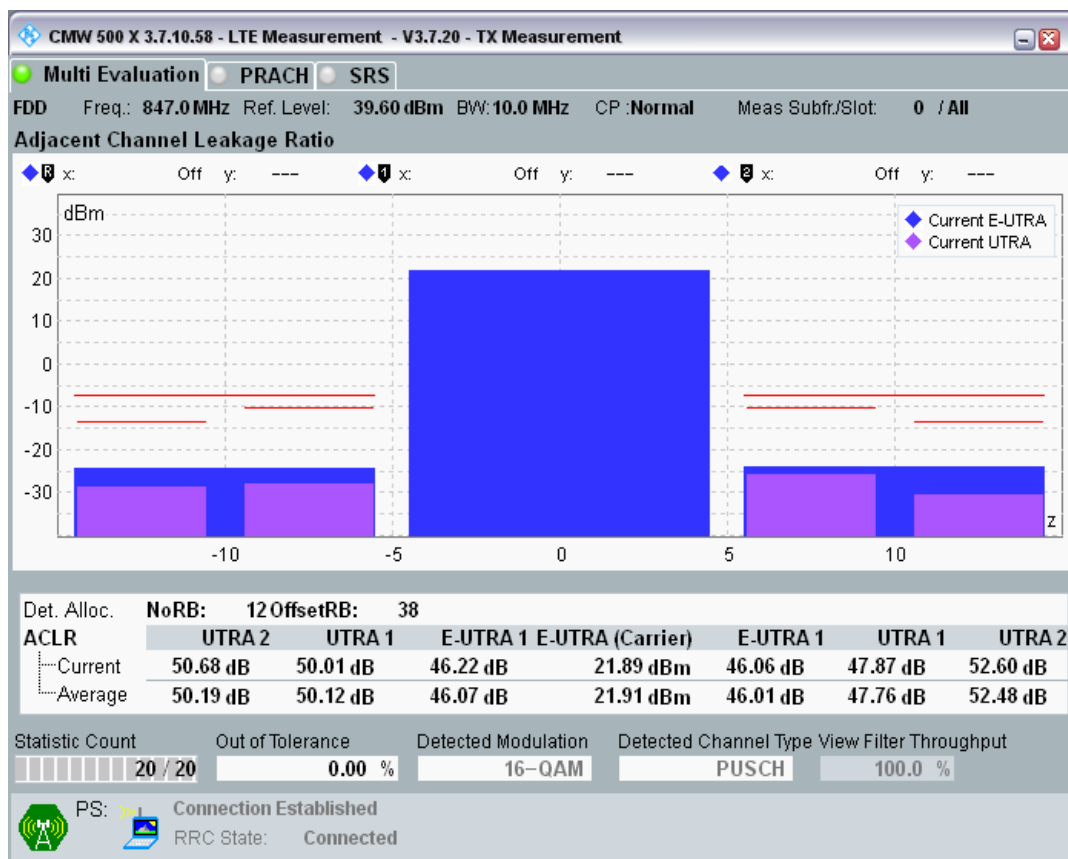
Band20 QAM16 BW=10MHz Channel=24200 RB Size=50 Position=#0.png



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



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



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



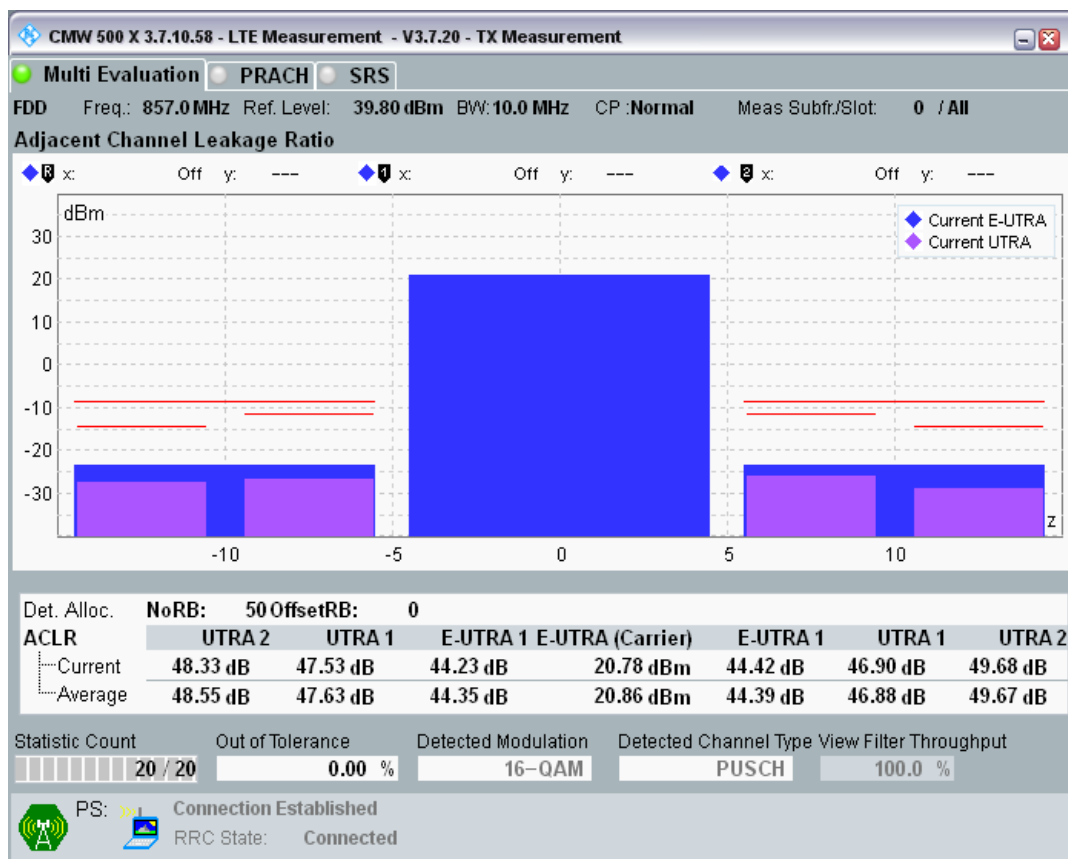
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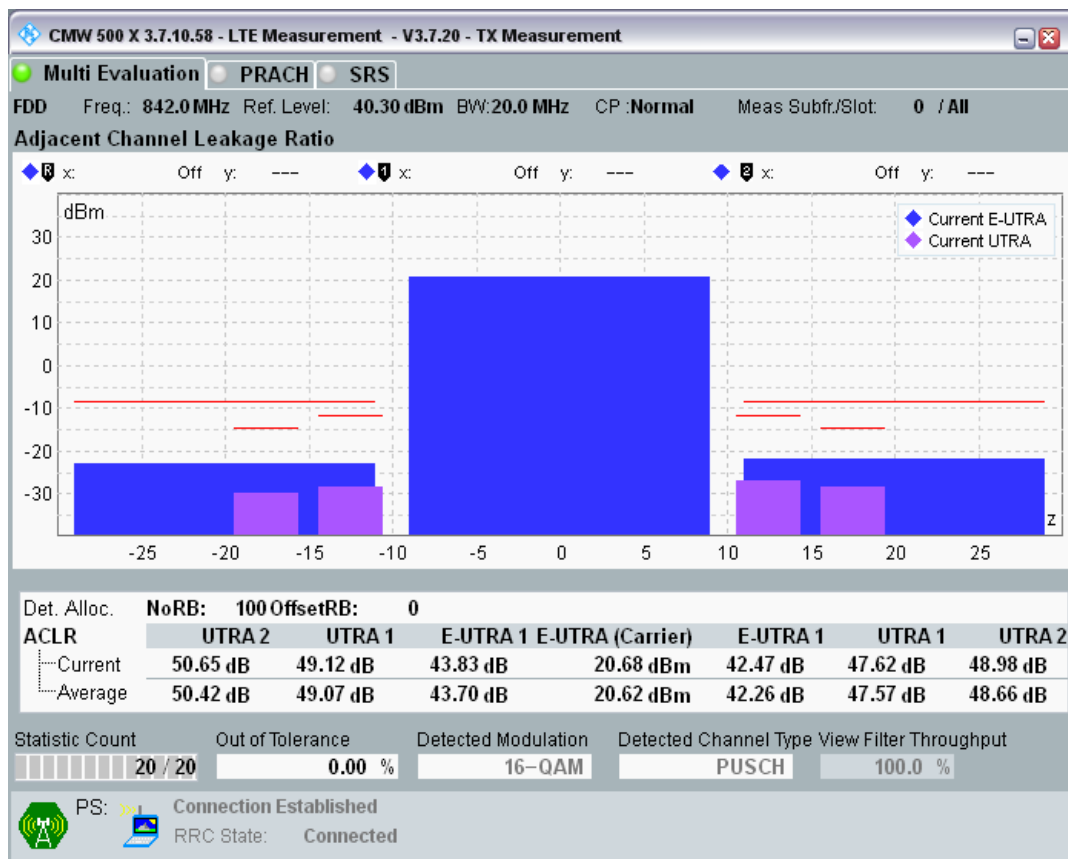
Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



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



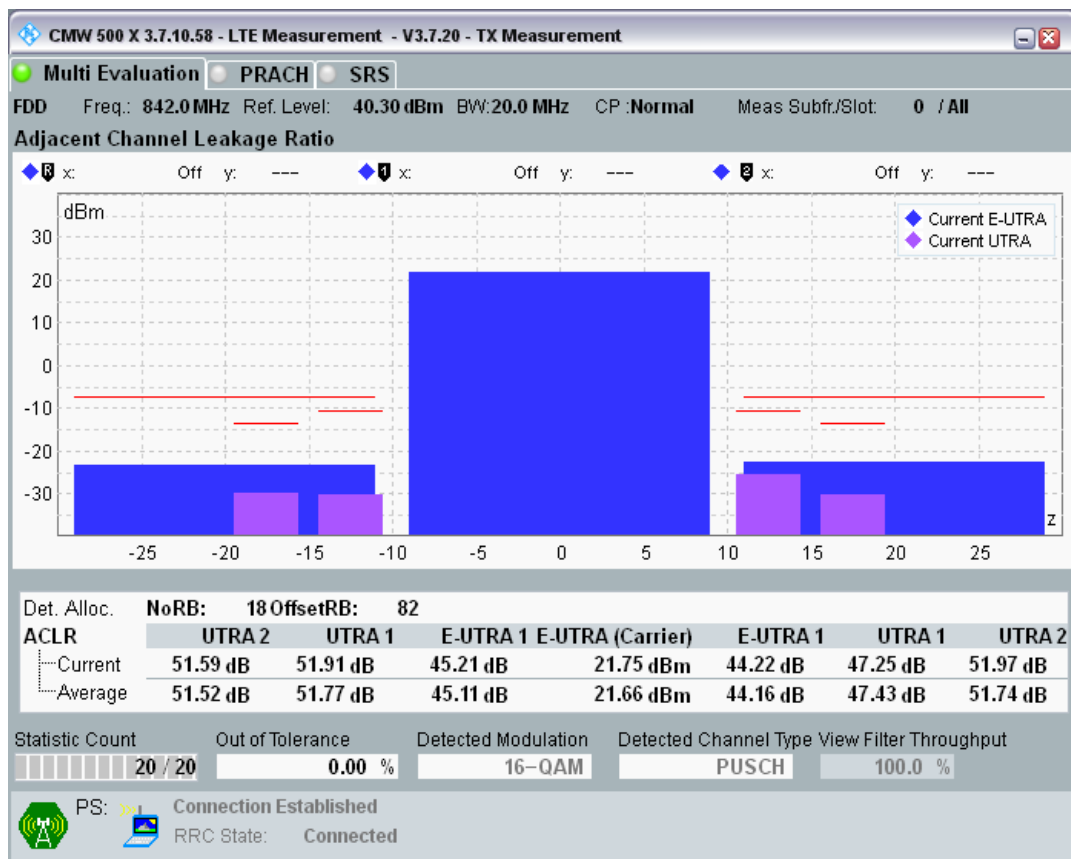
Band20 QAM16 BW=20MHz Channel=24250 RB Size=100 Position=#0.png



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



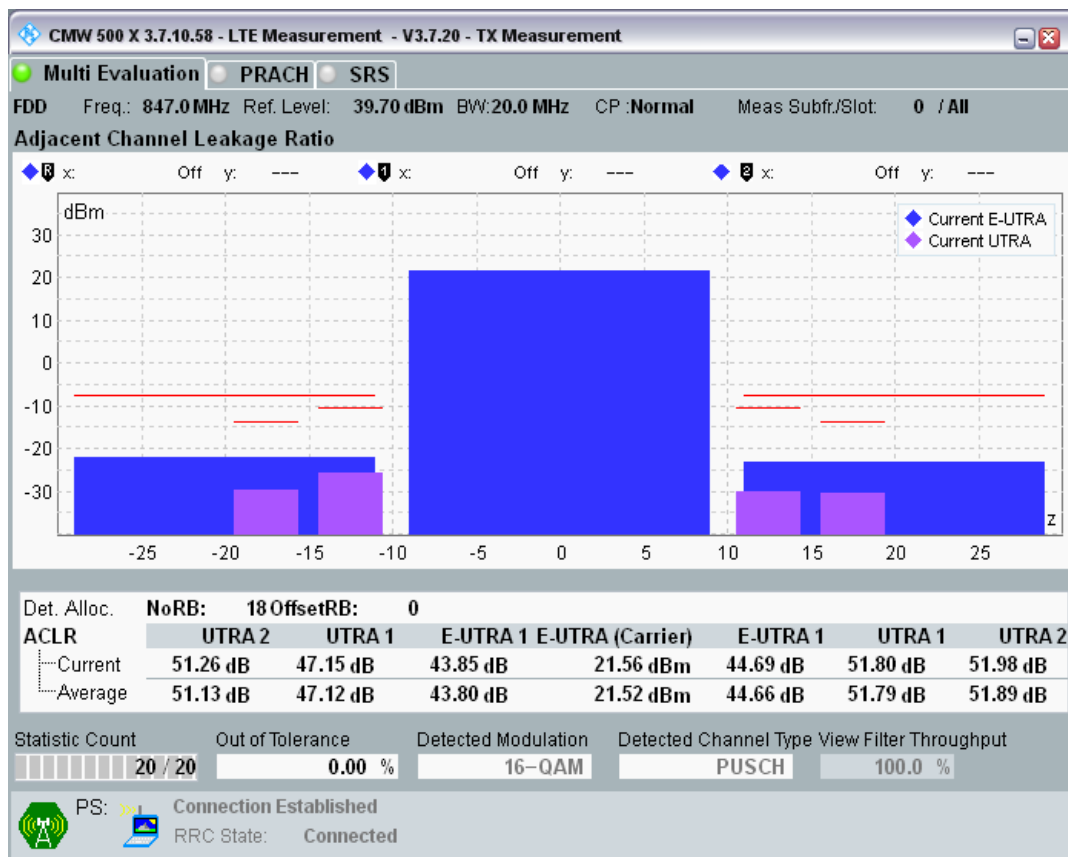
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



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



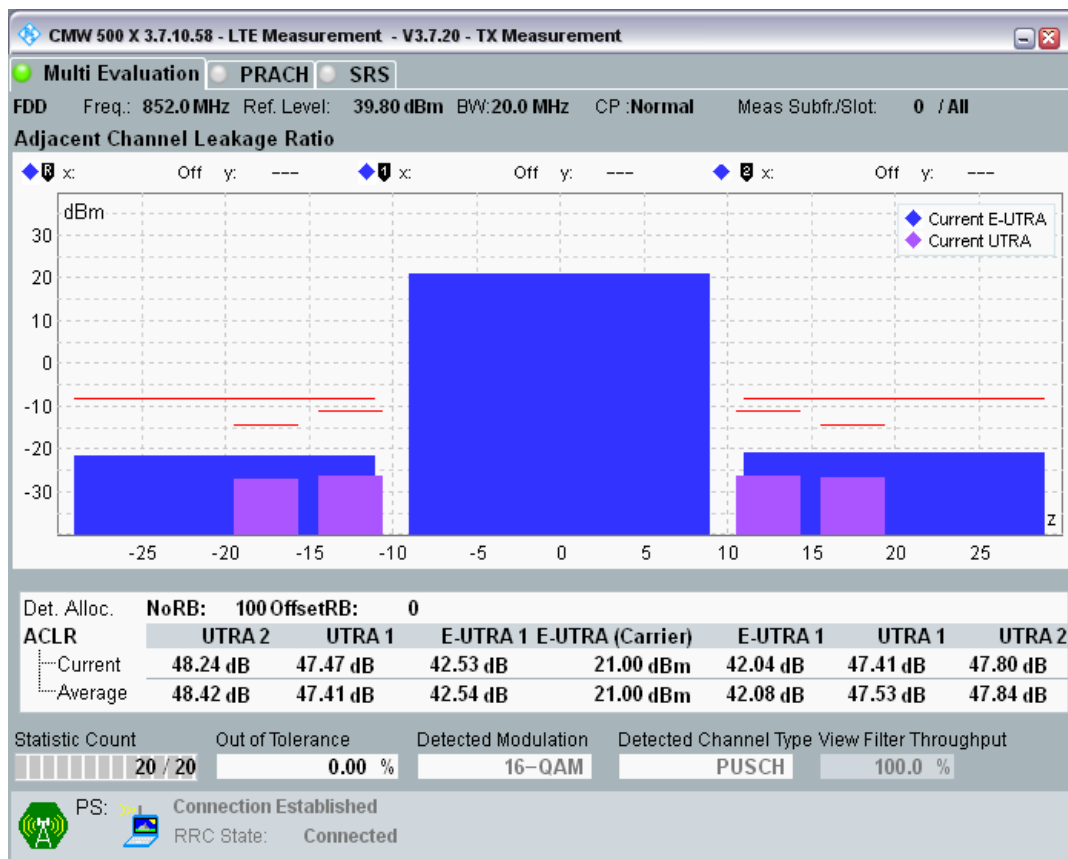
Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#0.png



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



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



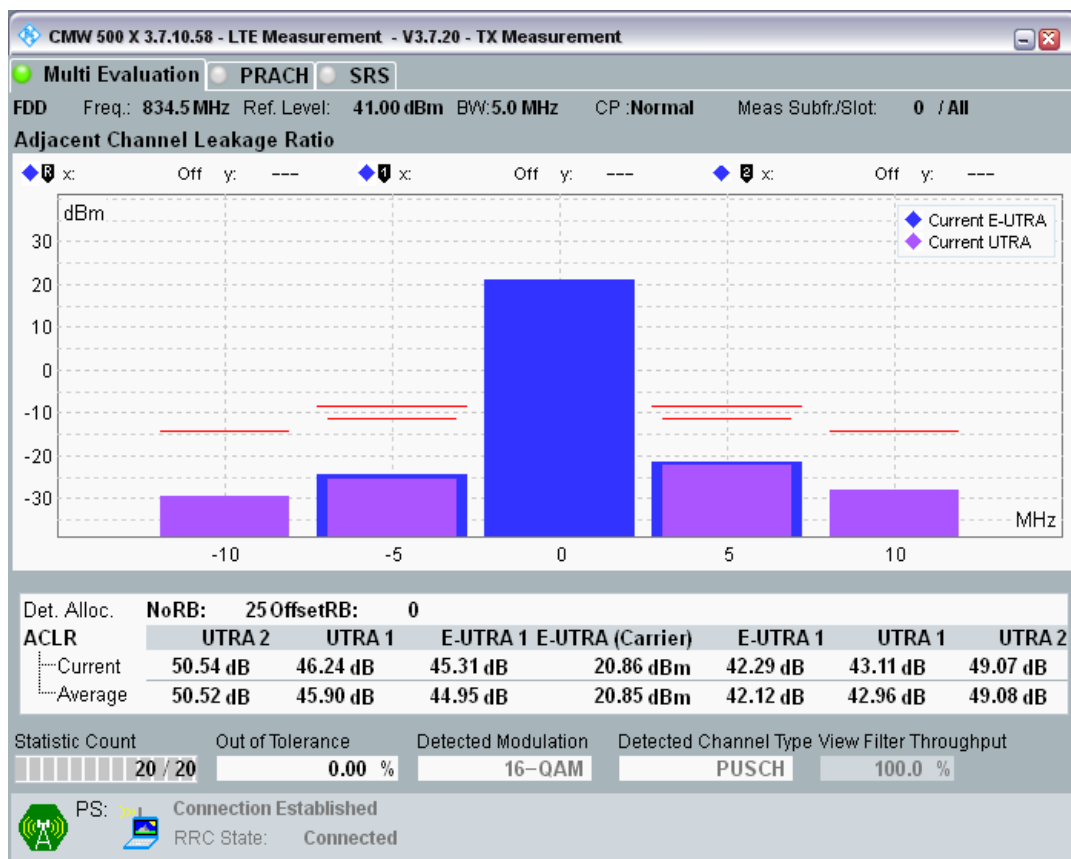
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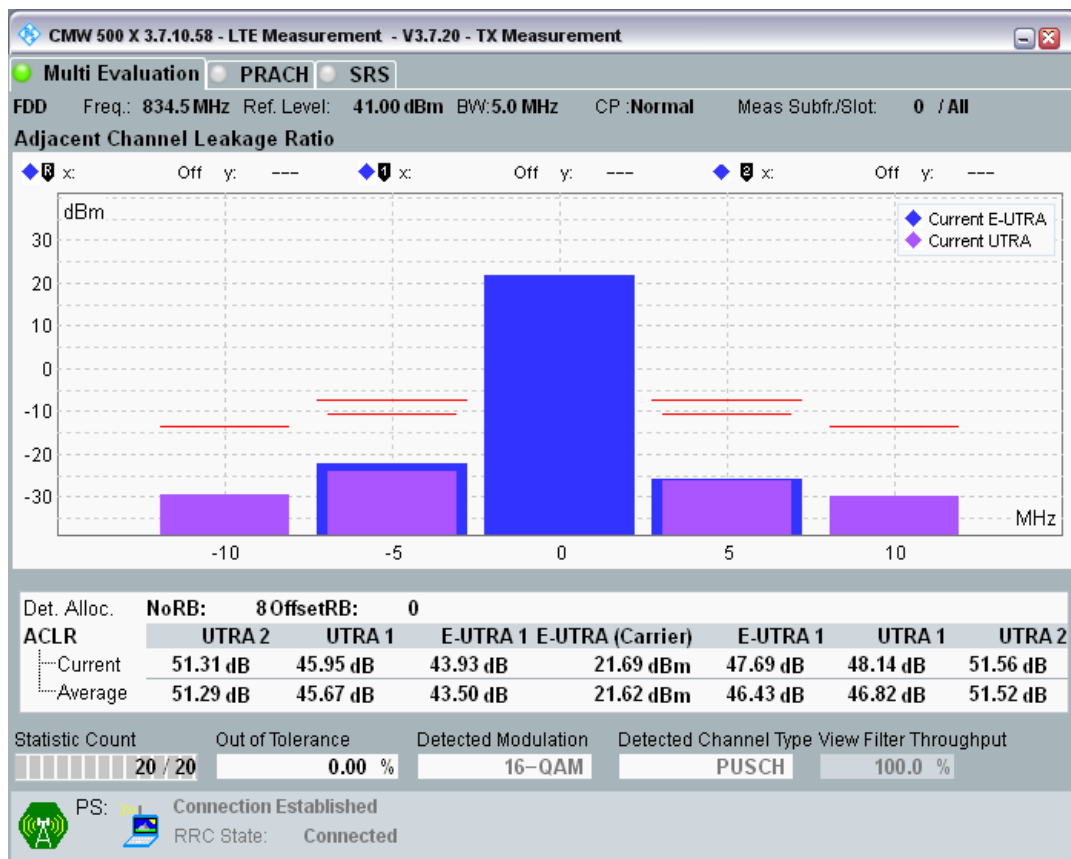
Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



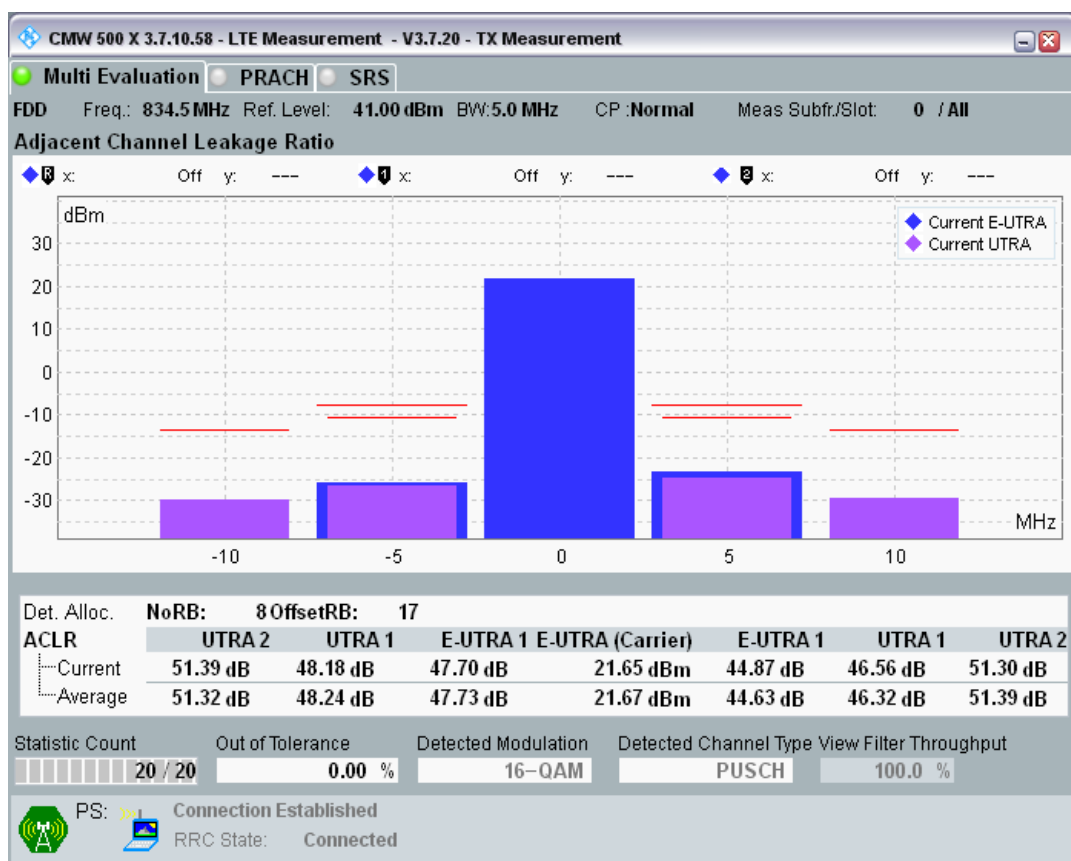
Band20 QAM16 BW=5MHz Channel=24175 RB Size=25 Position=#0.png



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



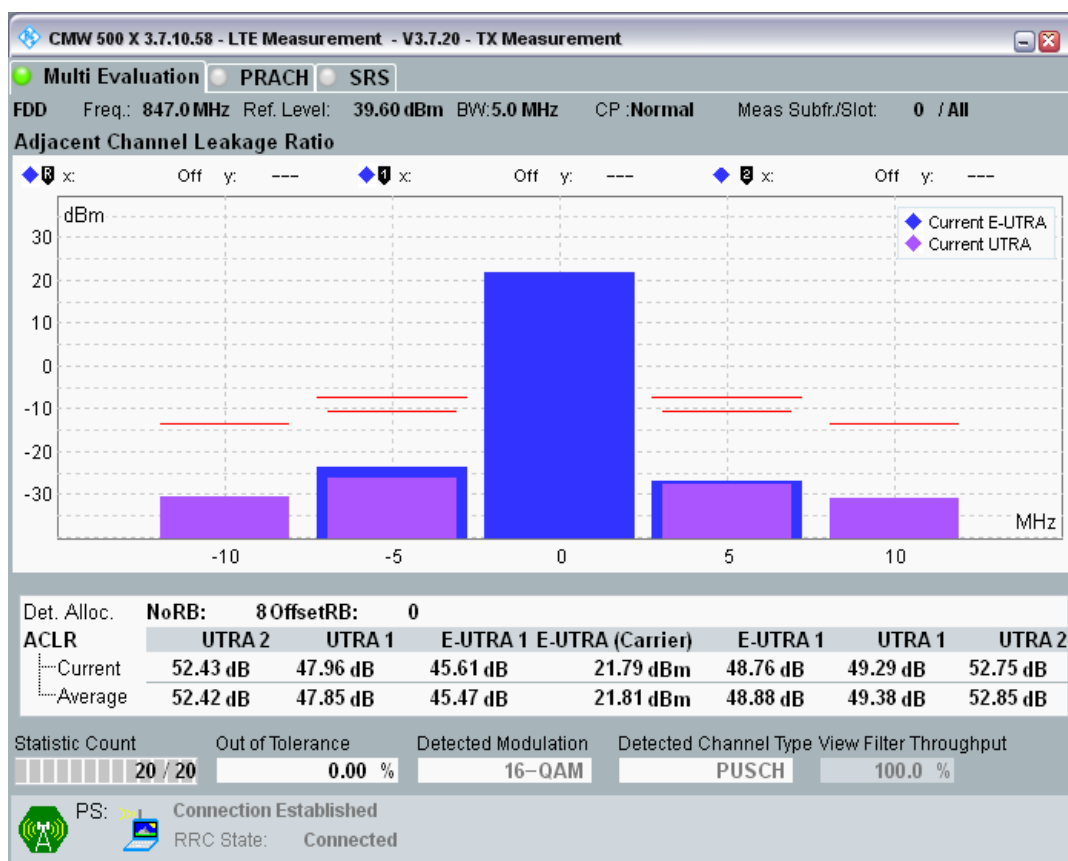
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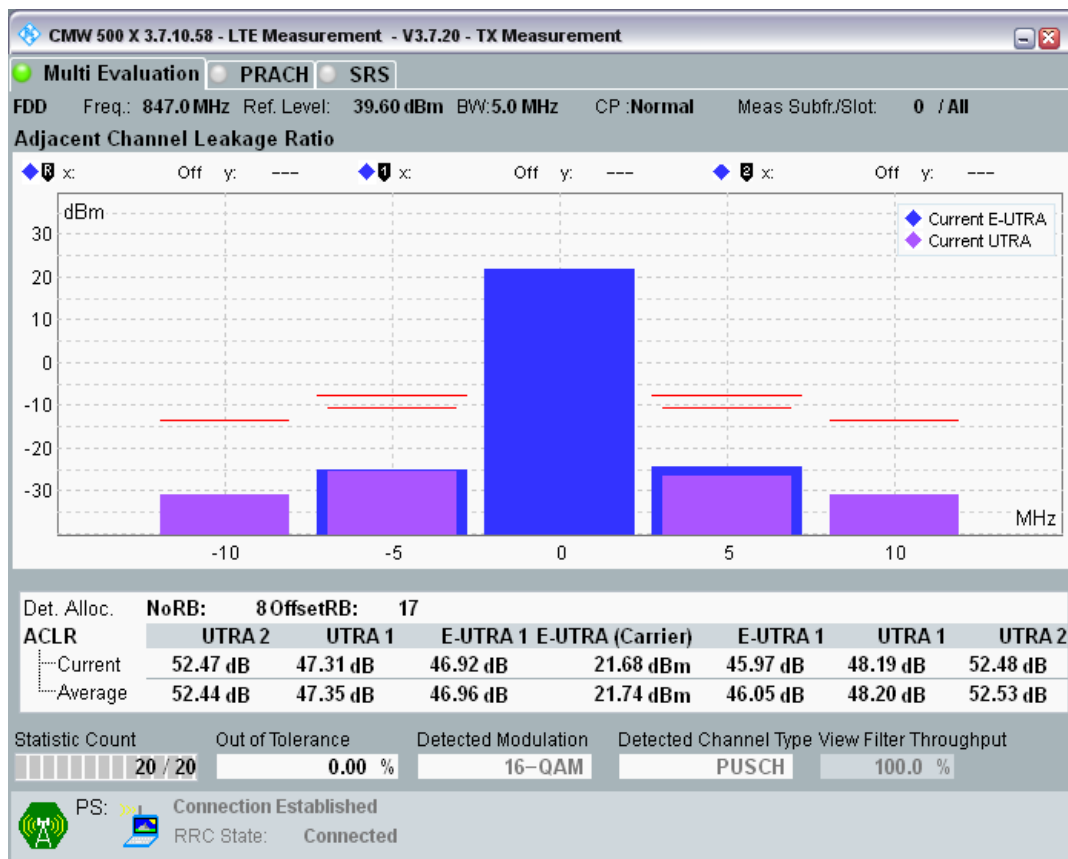
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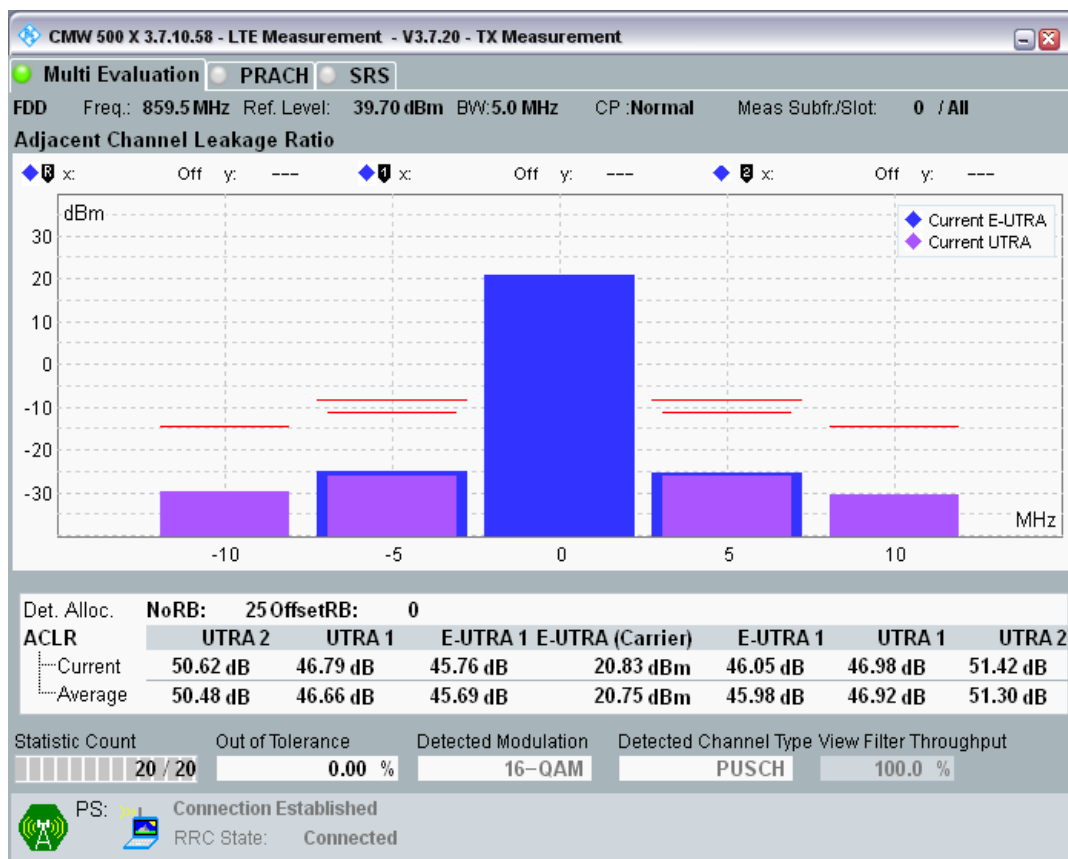
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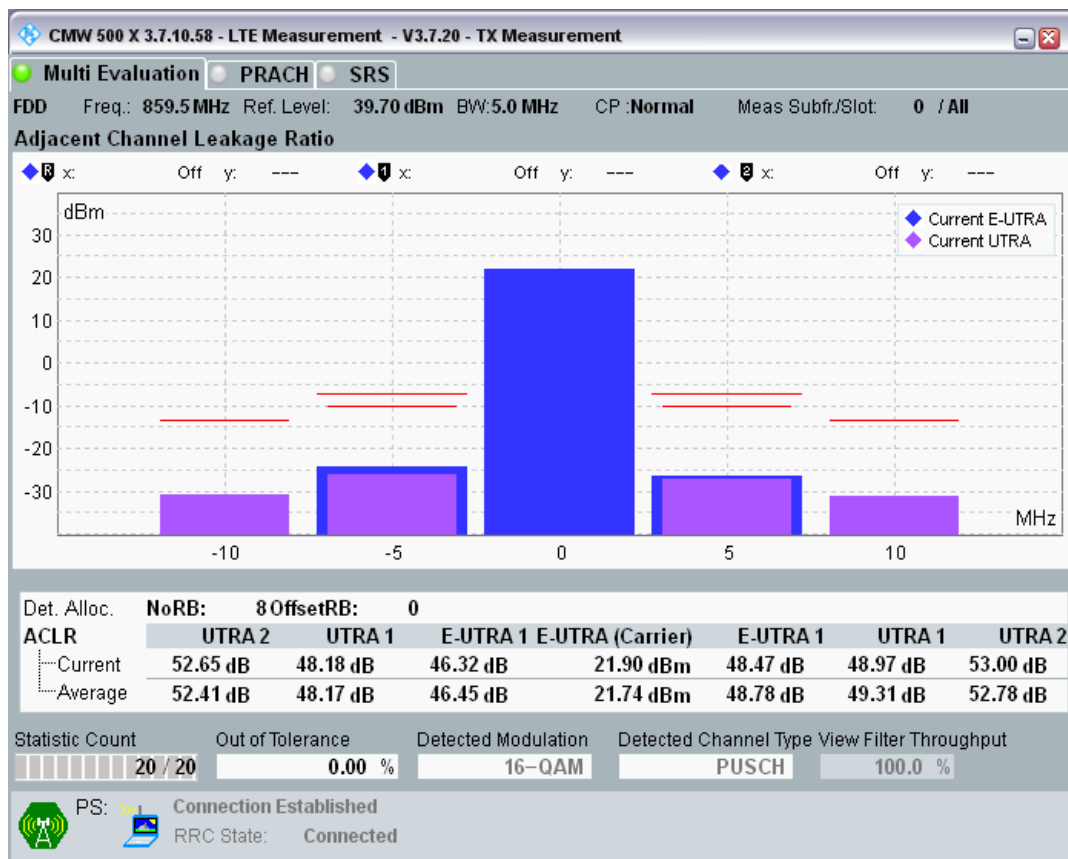
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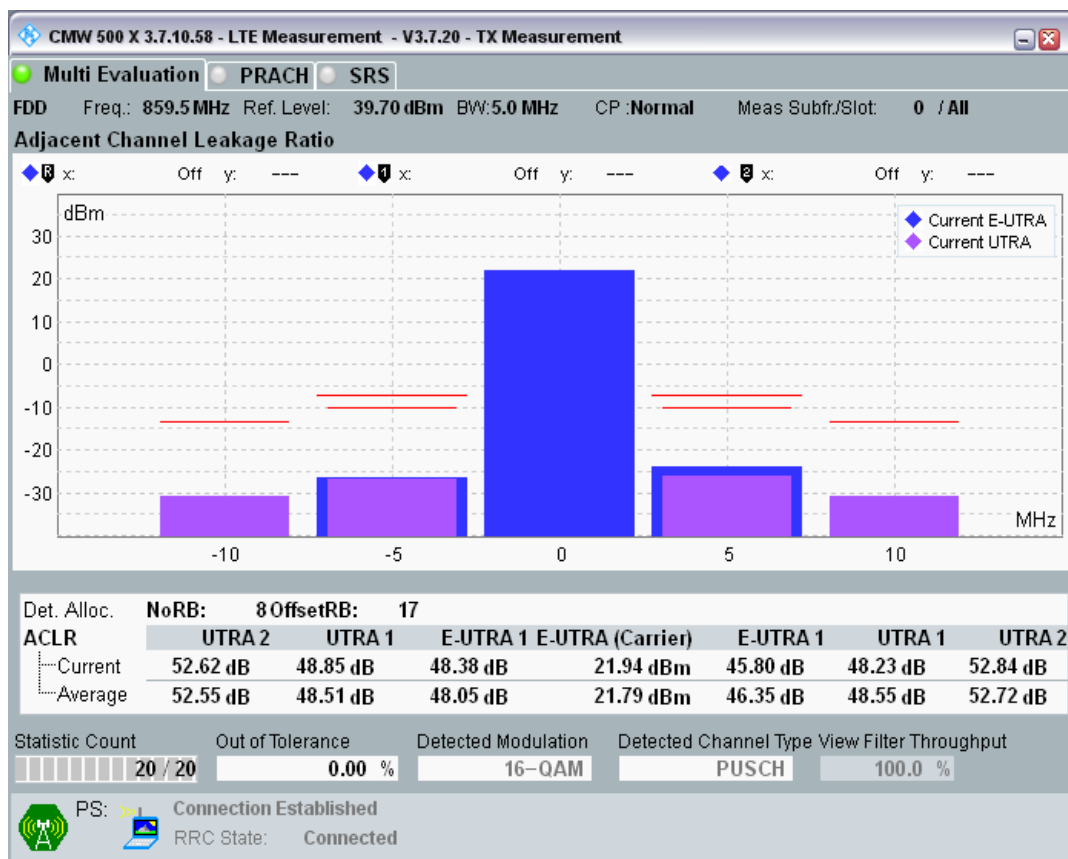
Band20 QAM16 BW=5MHz Channel=24425 RB Size=25 Position=#0.png



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



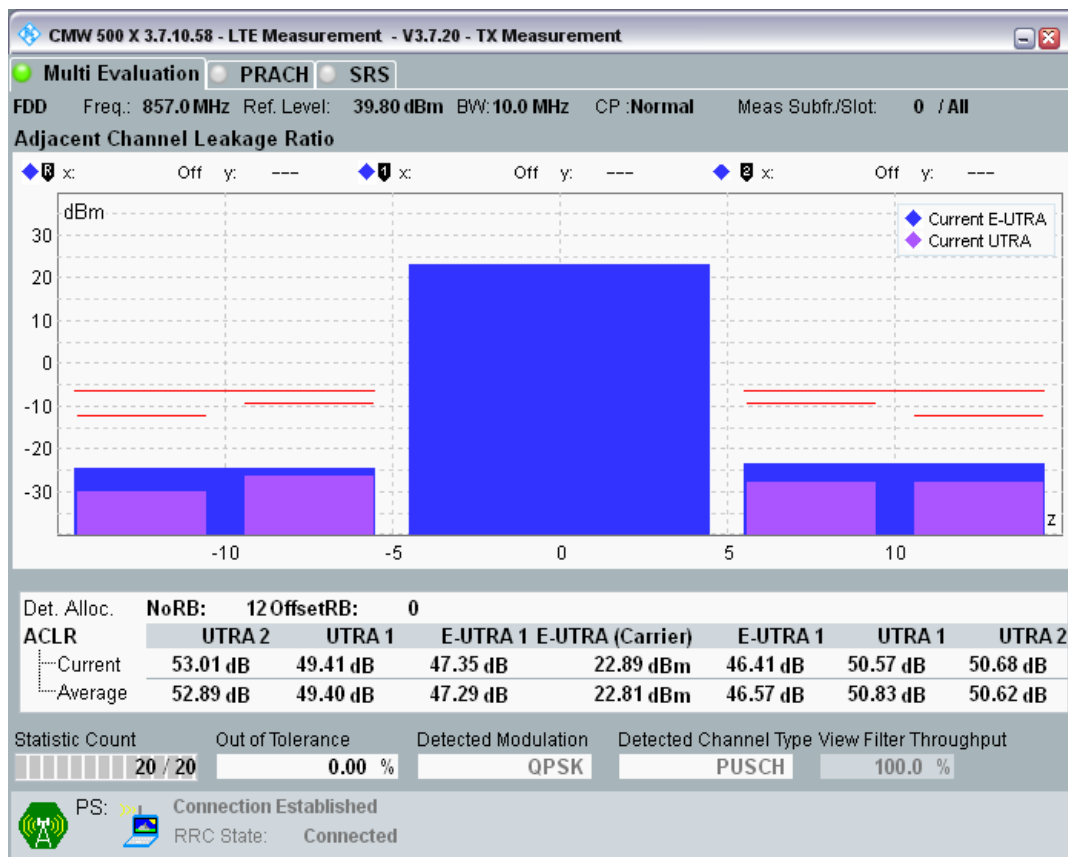
Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#Max.png



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



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



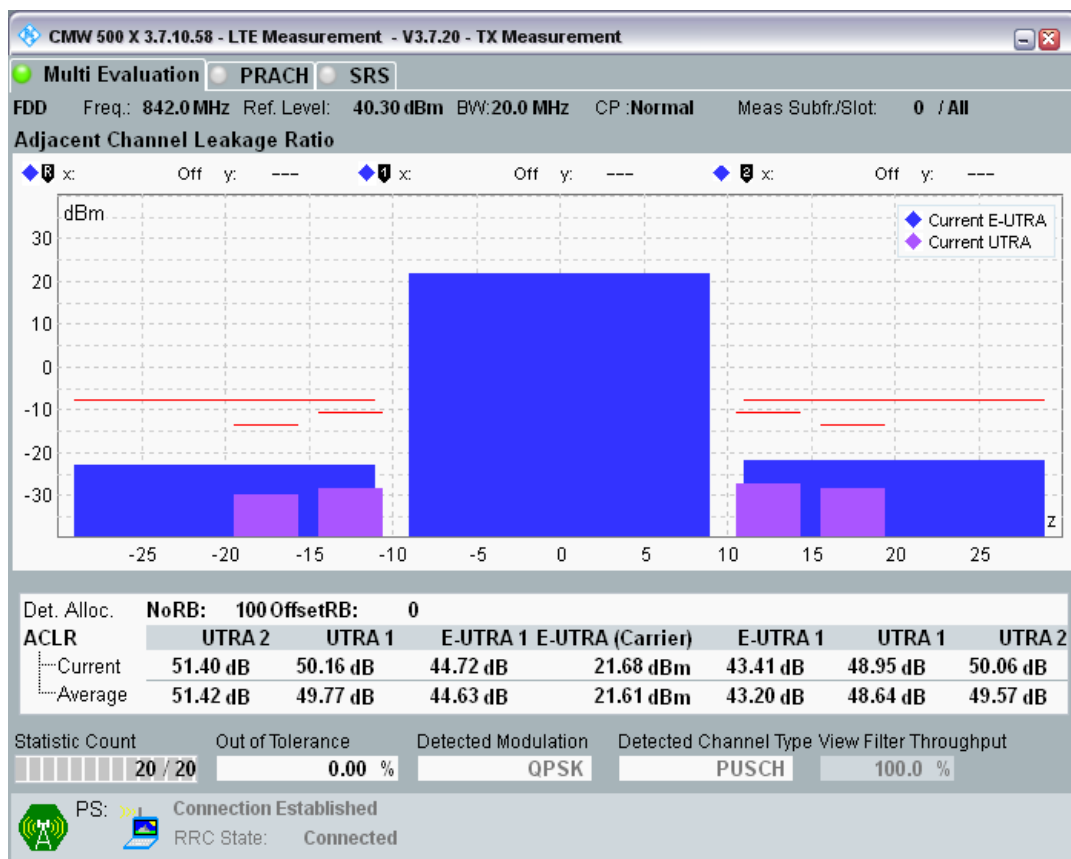
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



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



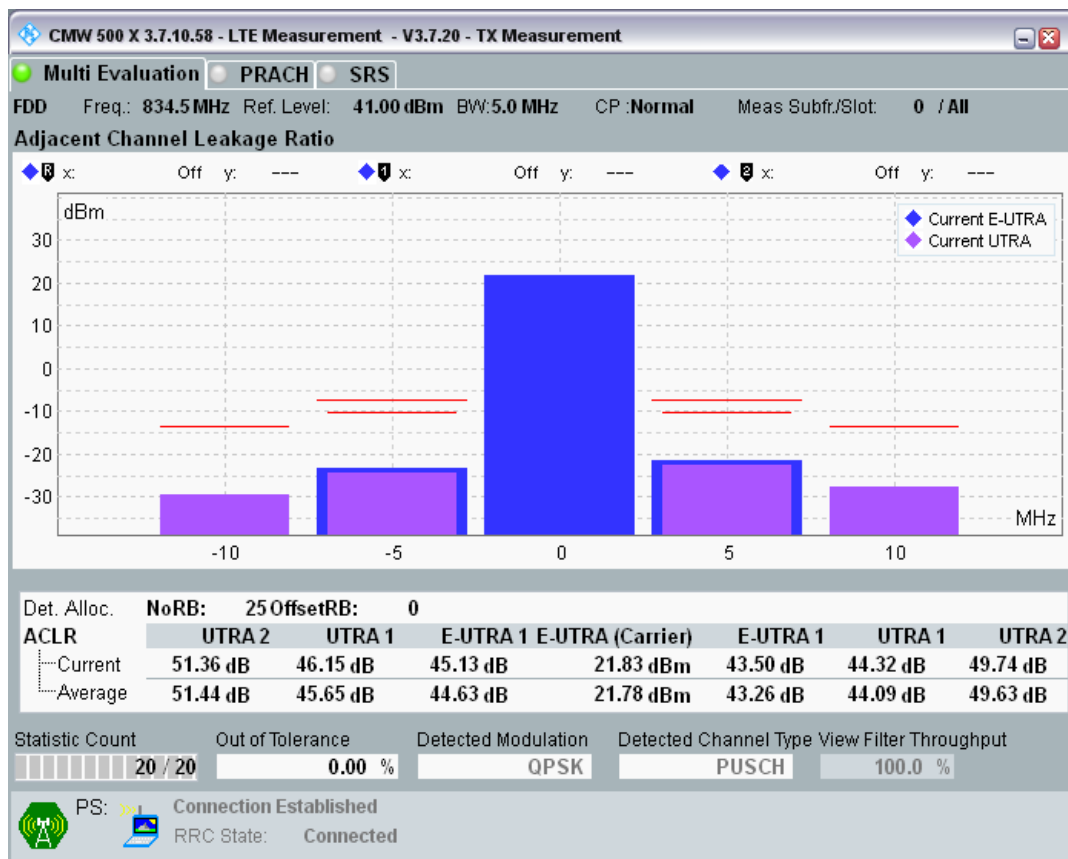
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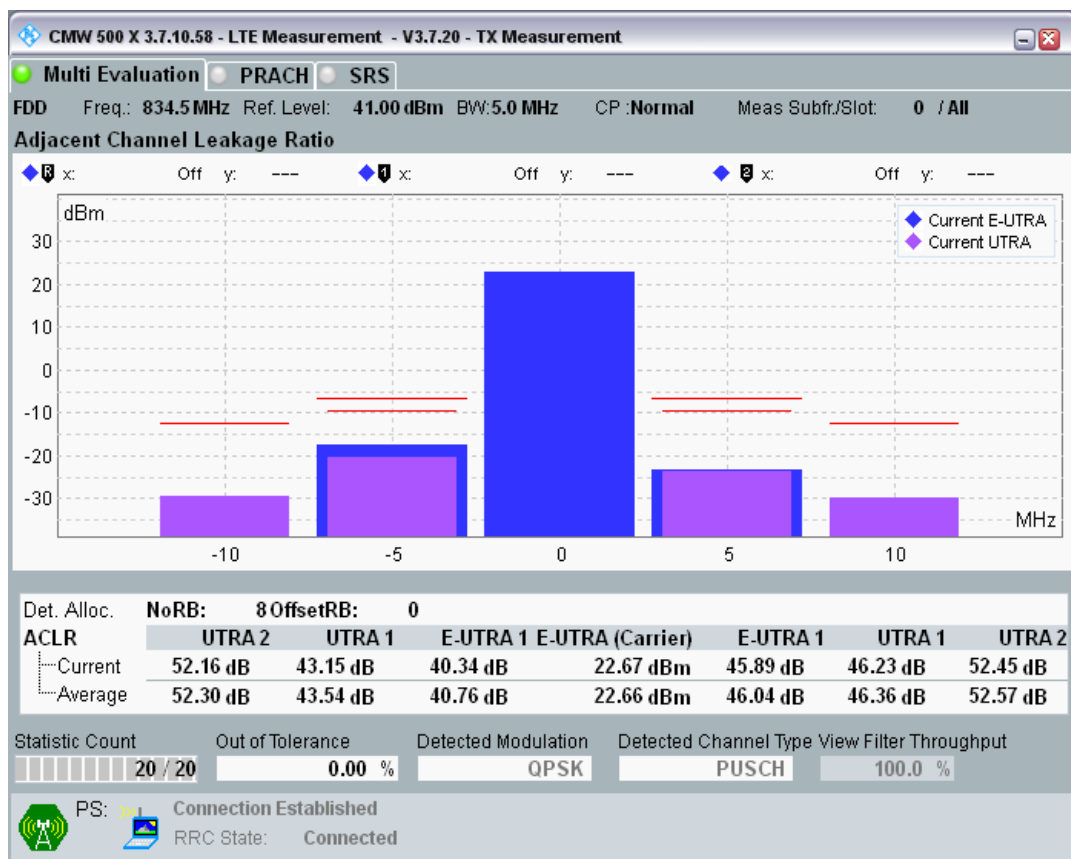
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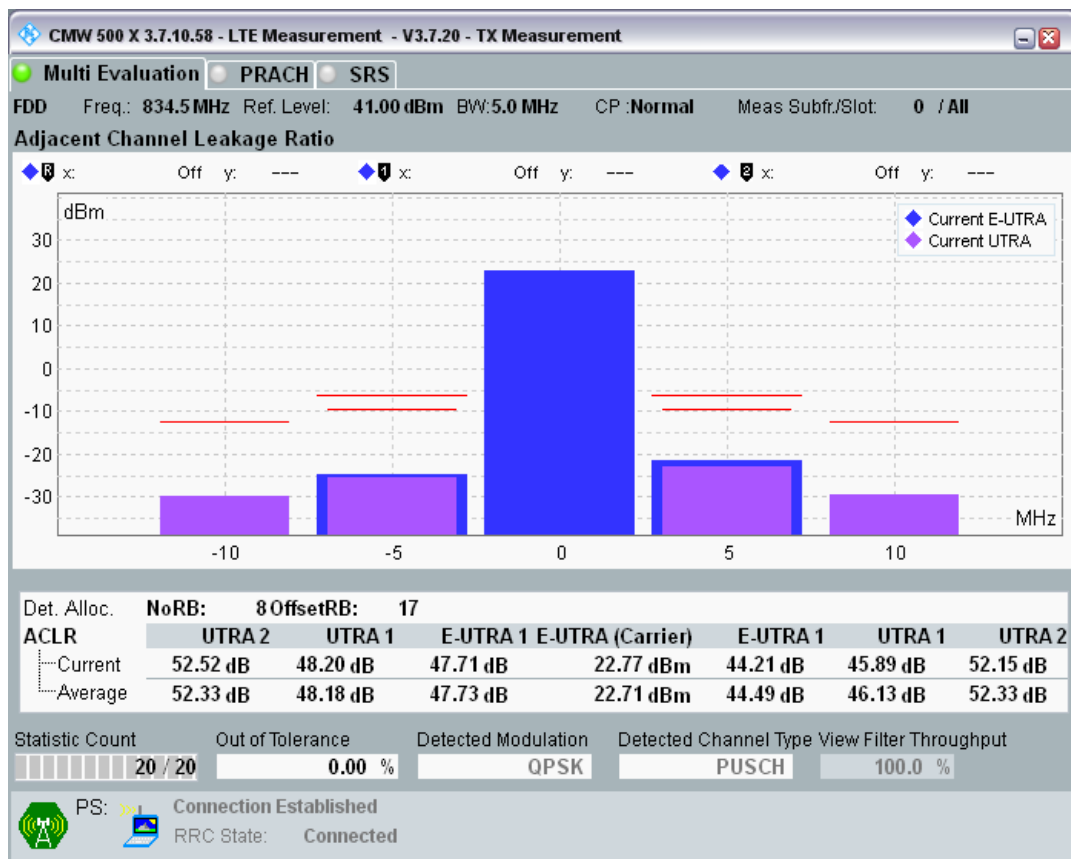
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



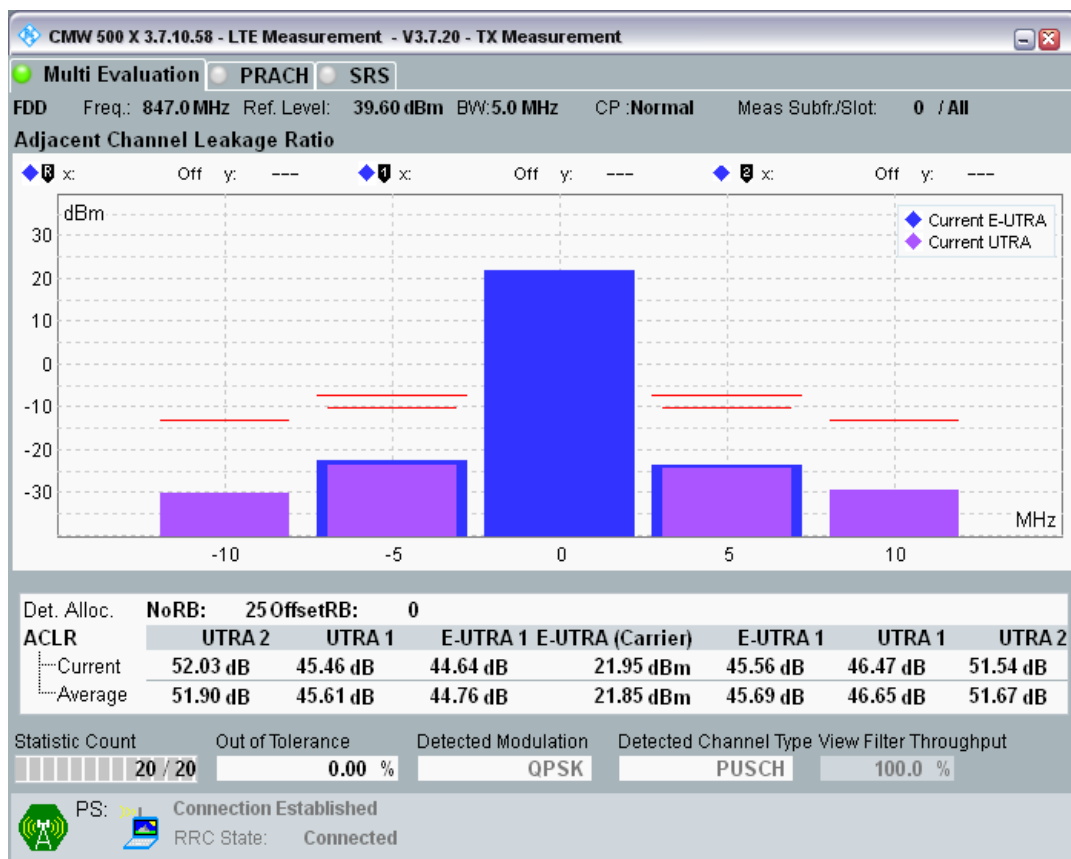
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#0.png



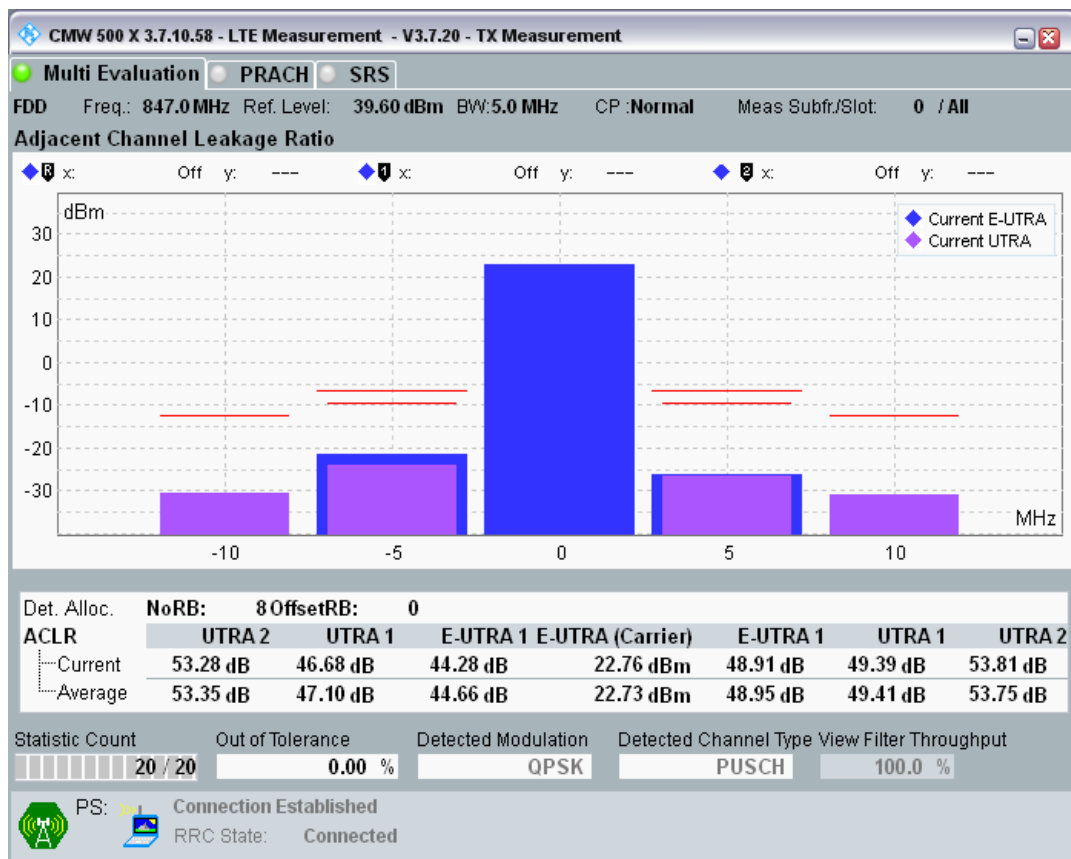
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#Max.png



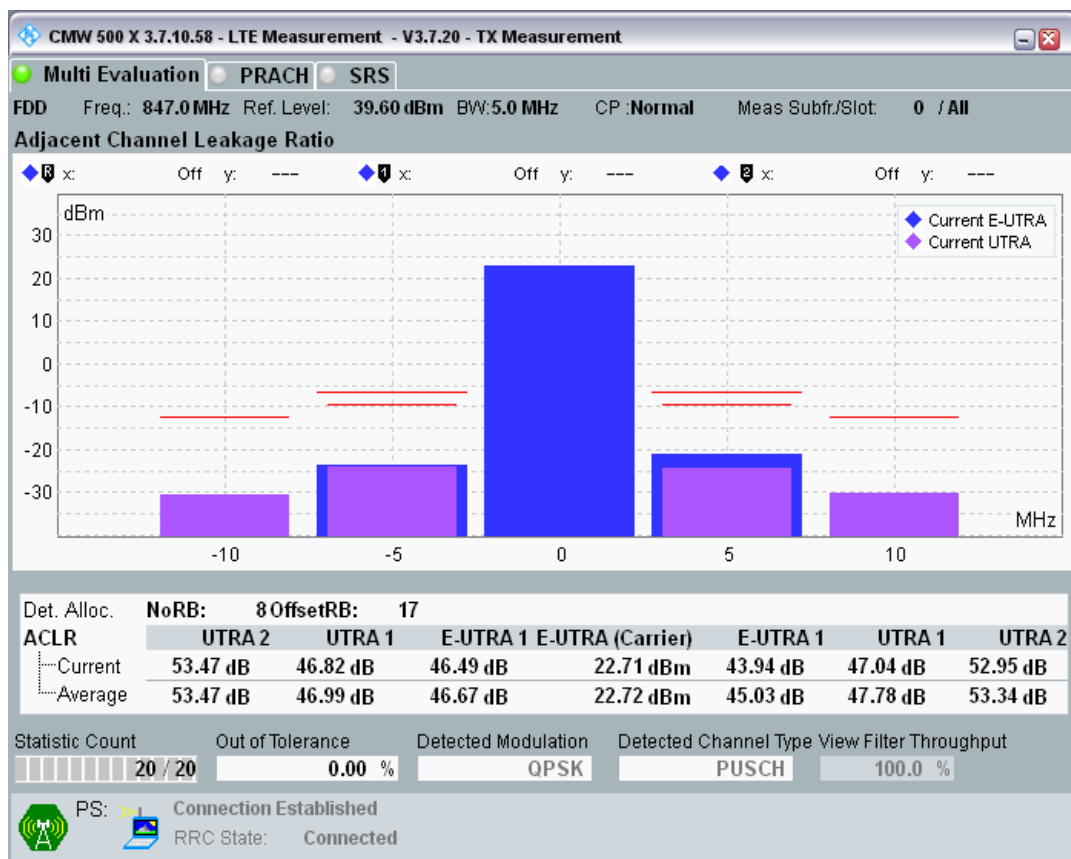
Band20 QPSK BW=5MHz Channel=24300 RB Size=25 Position=#0.png



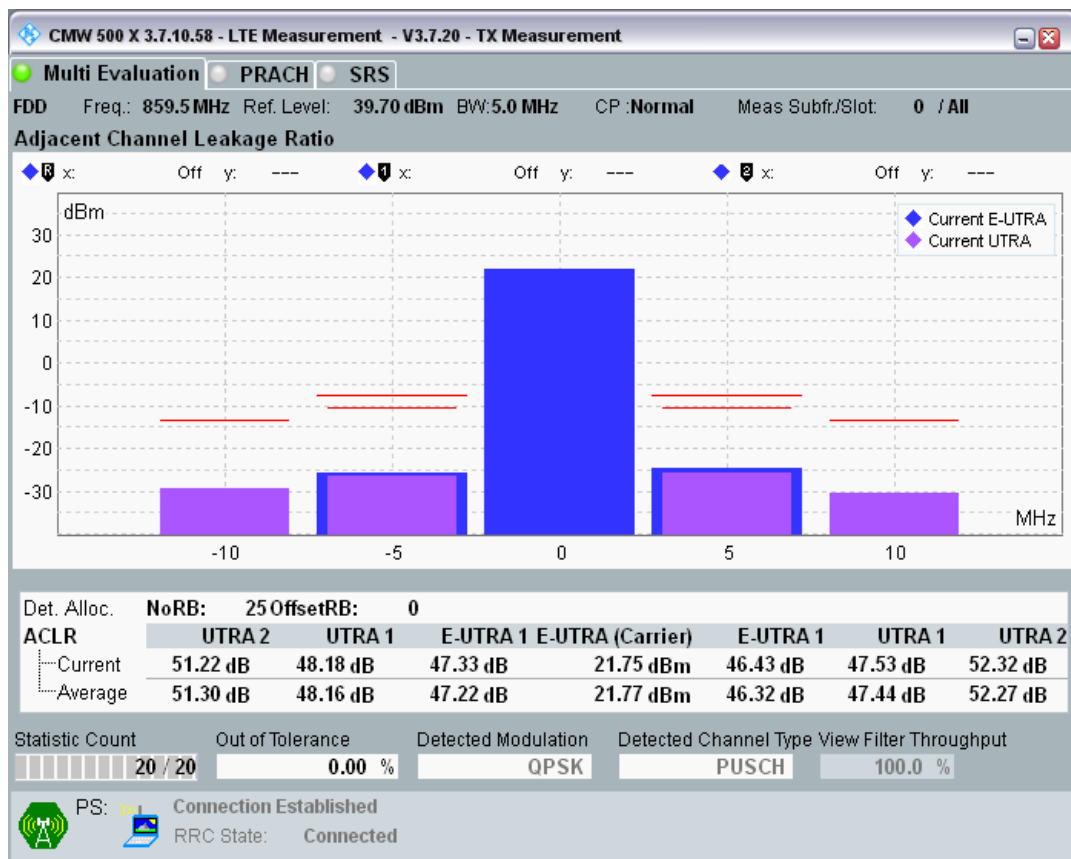
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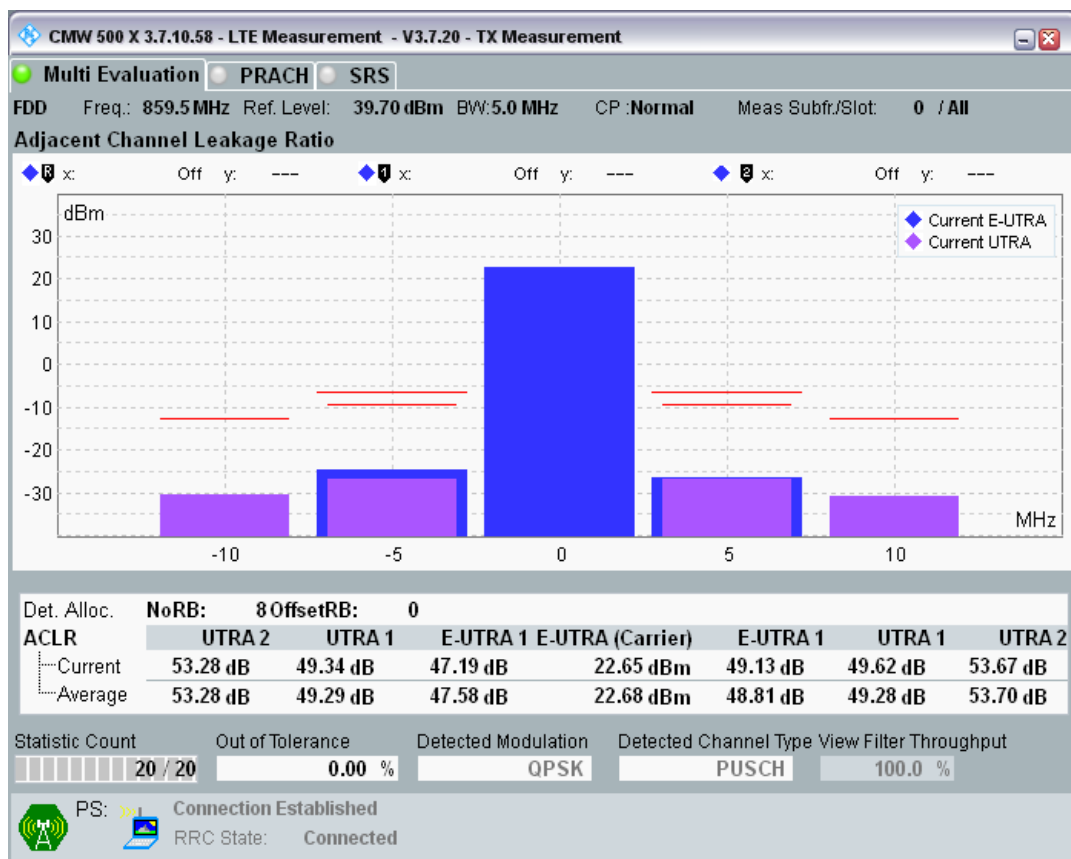
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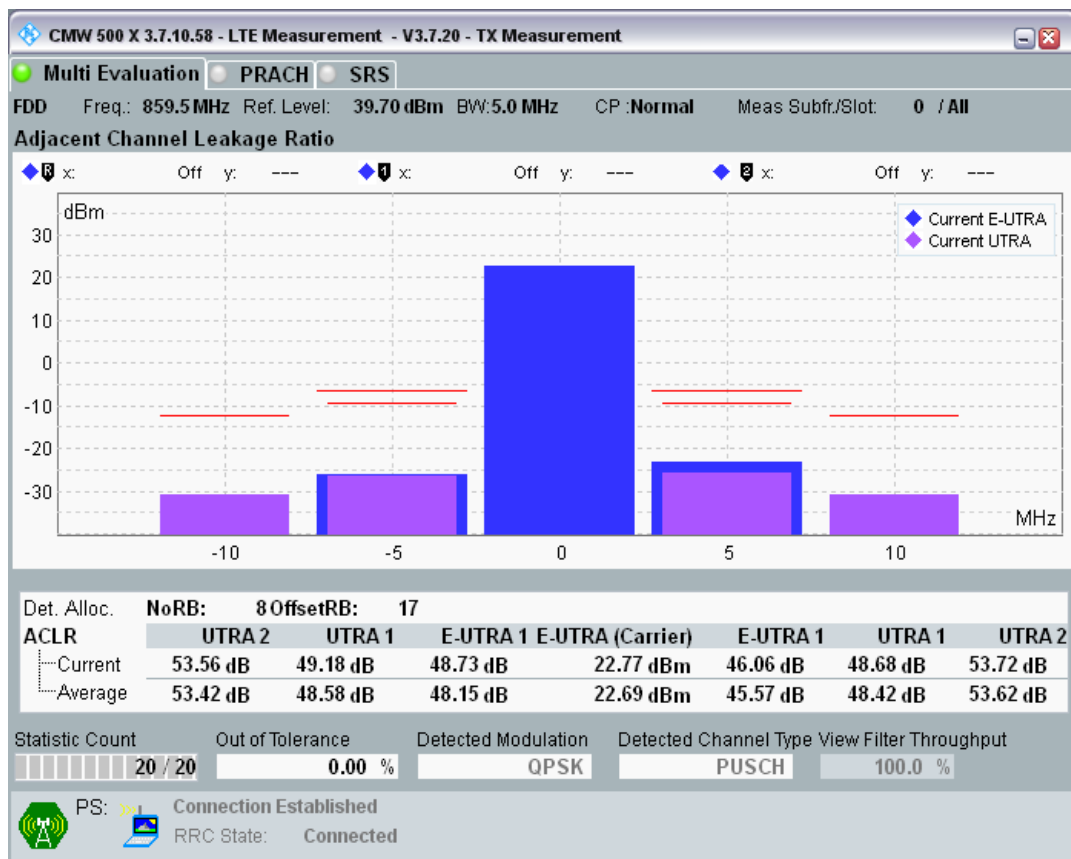
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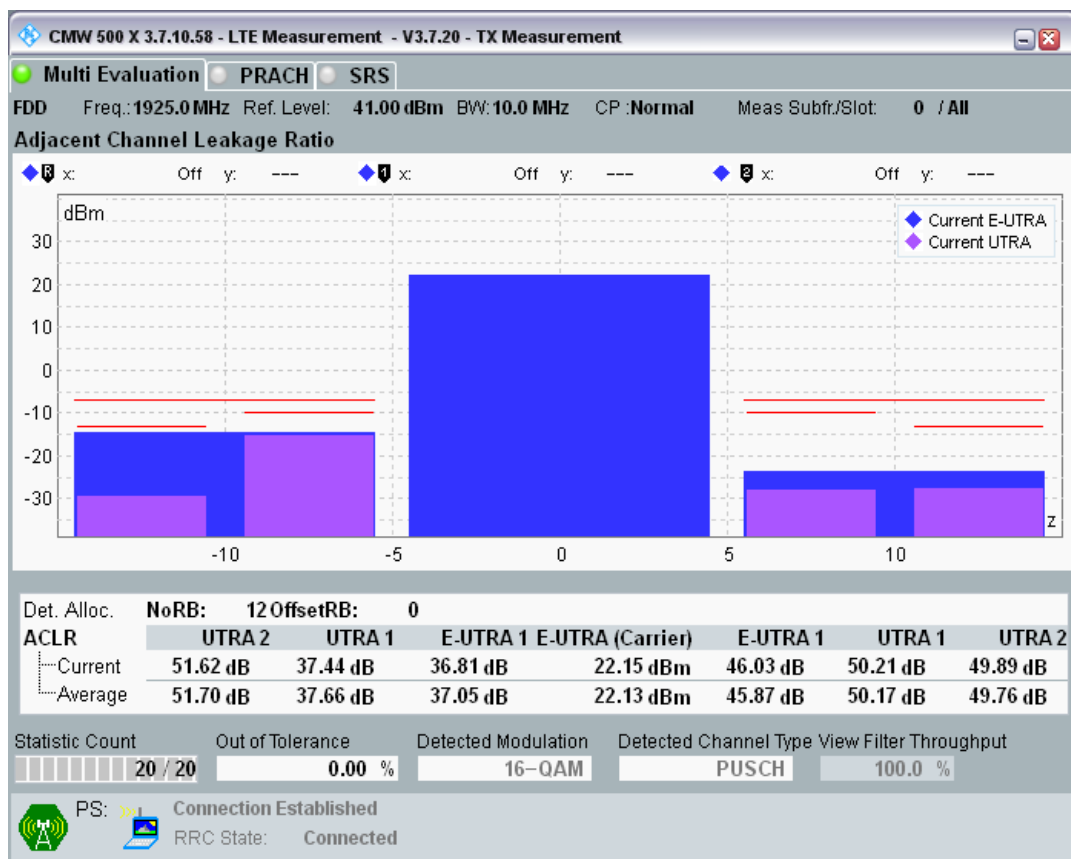
Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#0.png



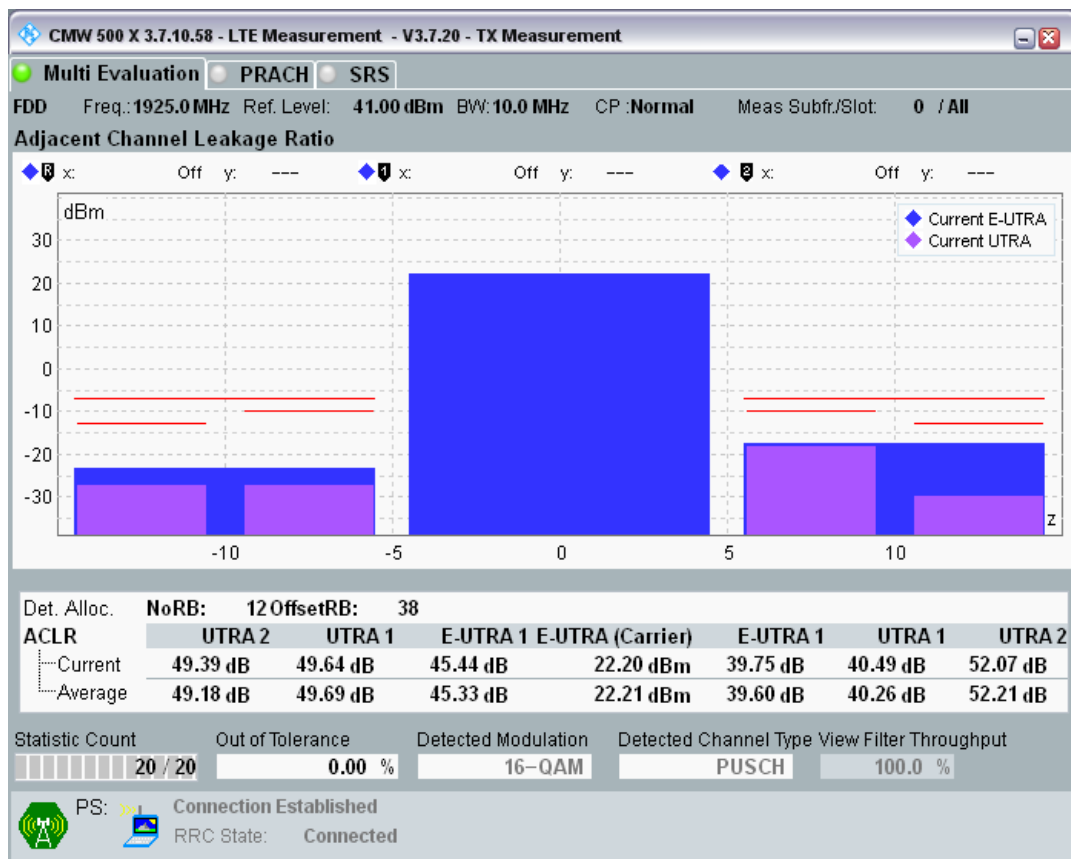
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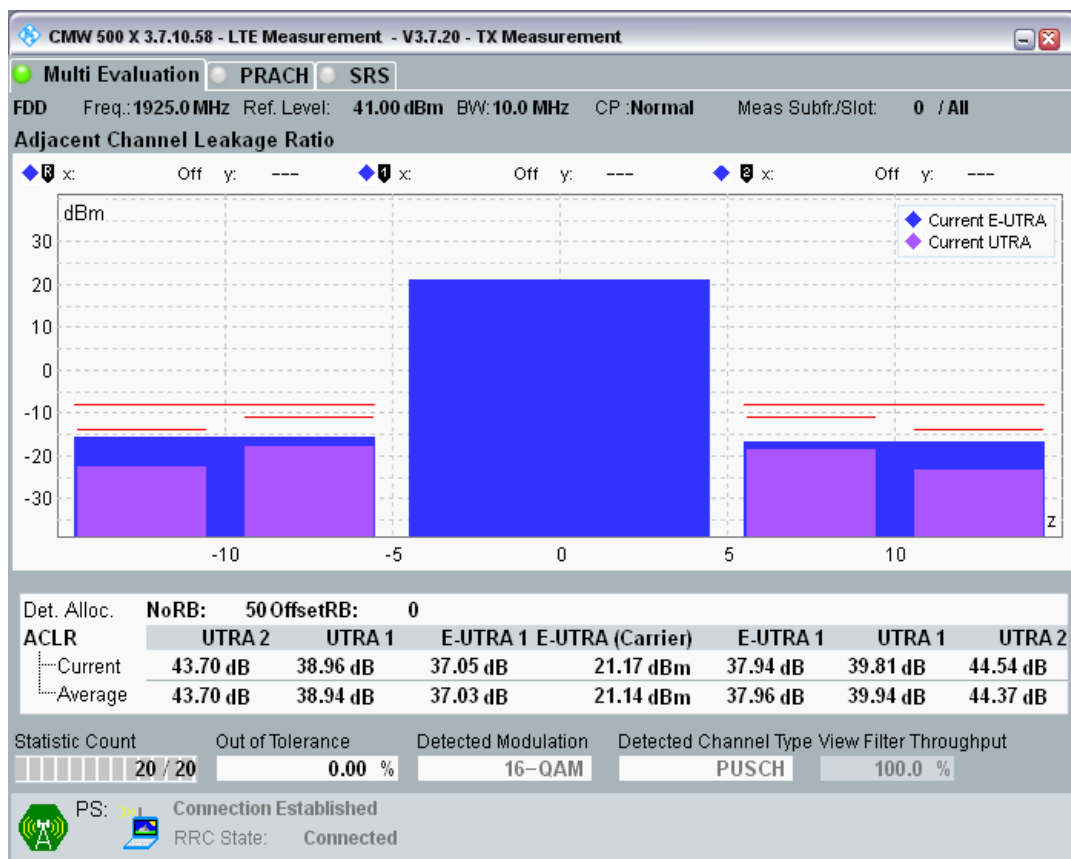
Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png



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



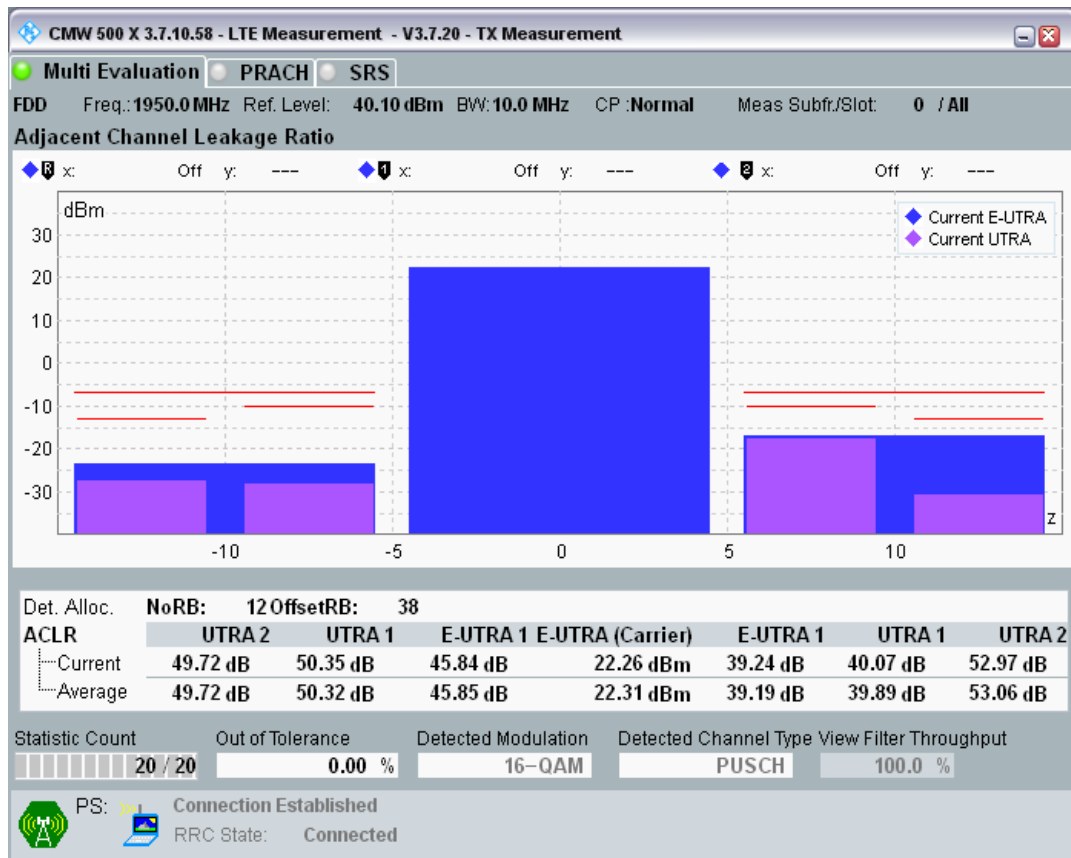
Band1 QAM16 BW=10MHz Channel=18050 RB Size=50 Position=#0.png



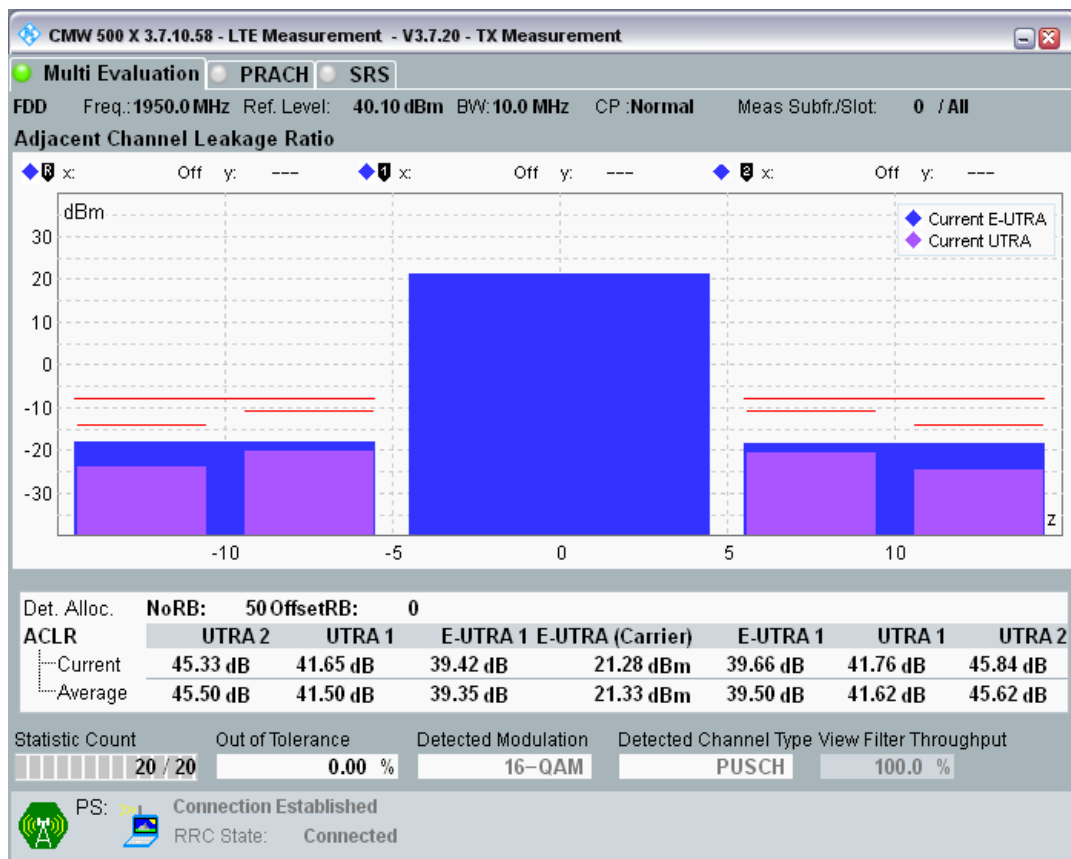
Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#0.png



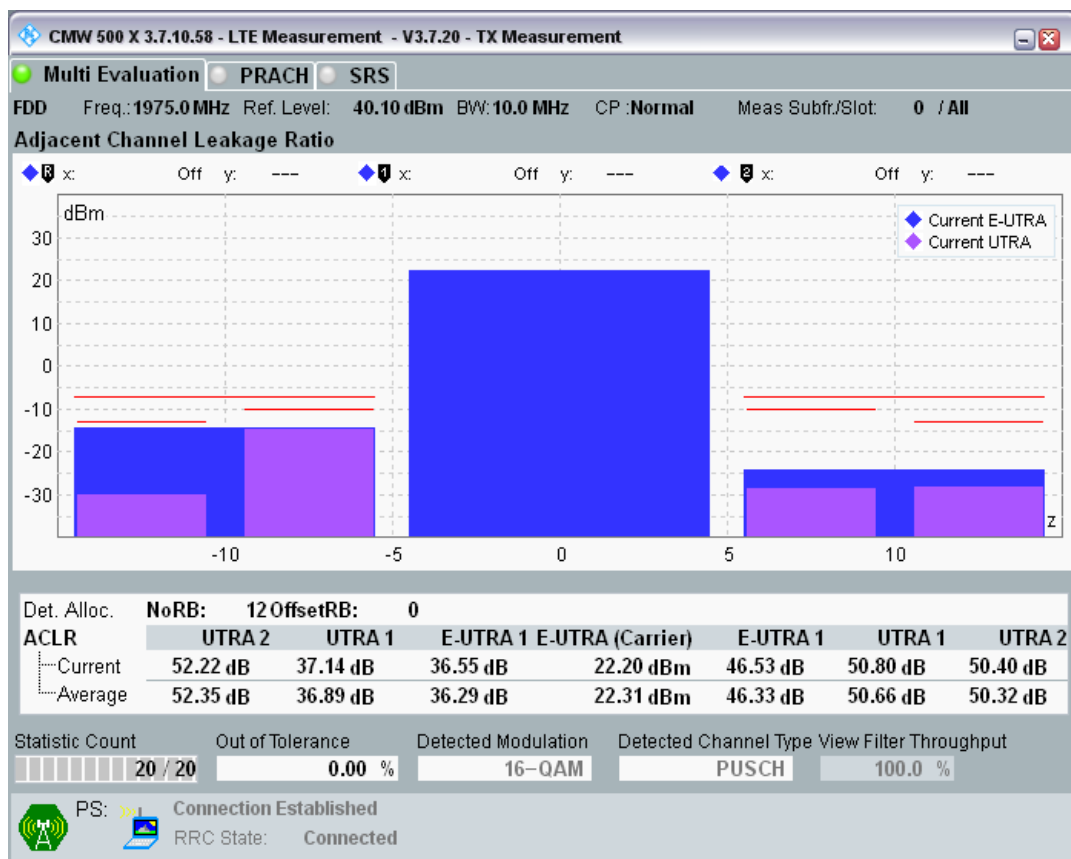
Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



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



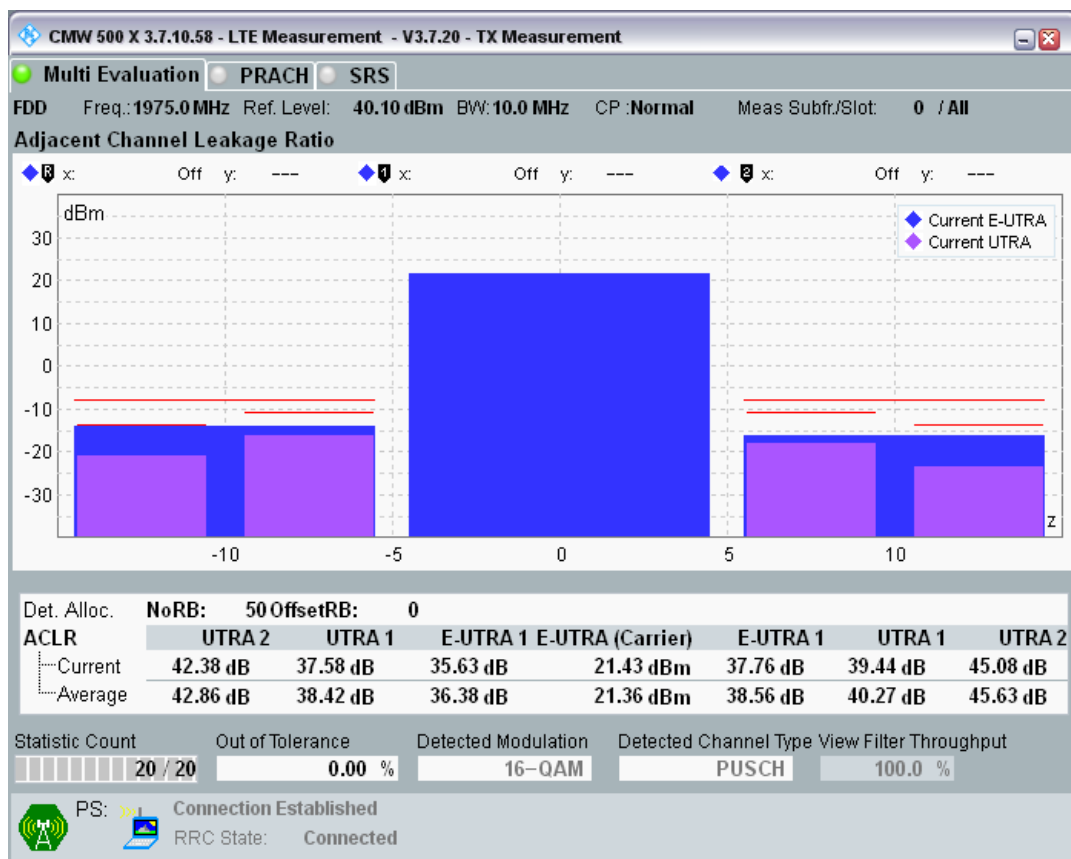
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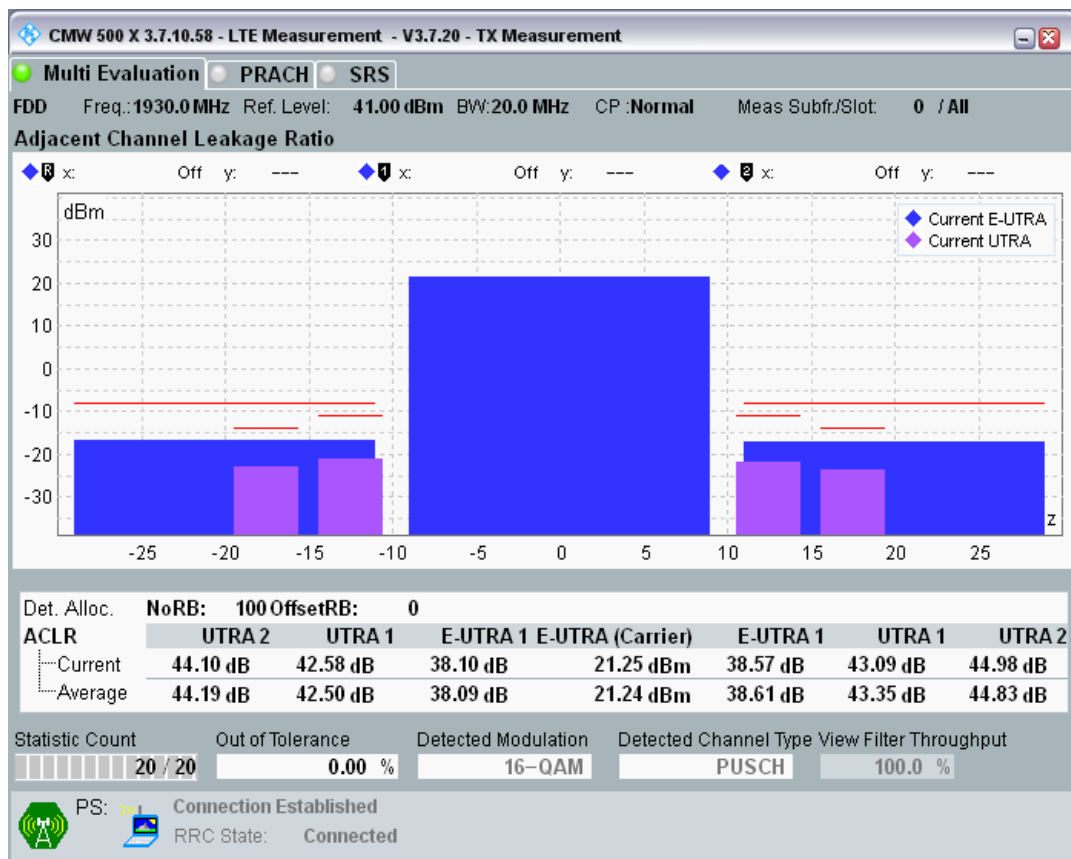
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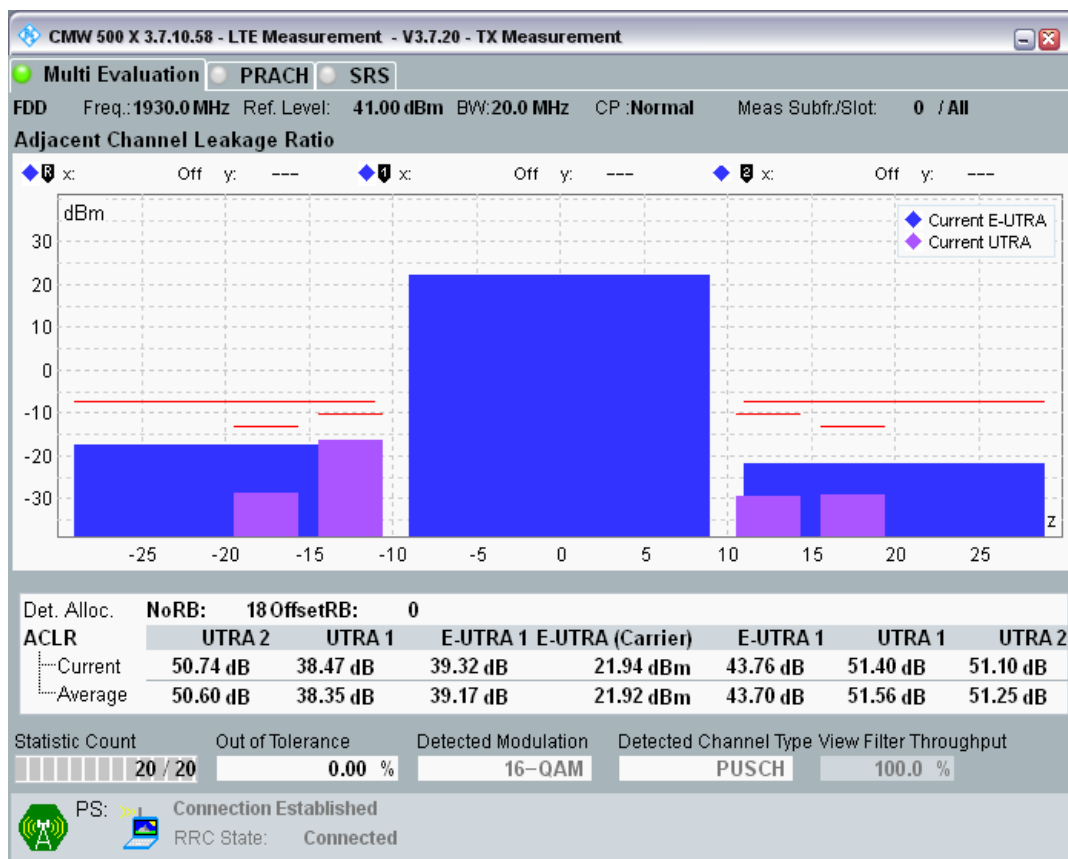
Band1 QAM16 BW=10MHz Channel=18550 RB Size=50 Position=#0.png



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



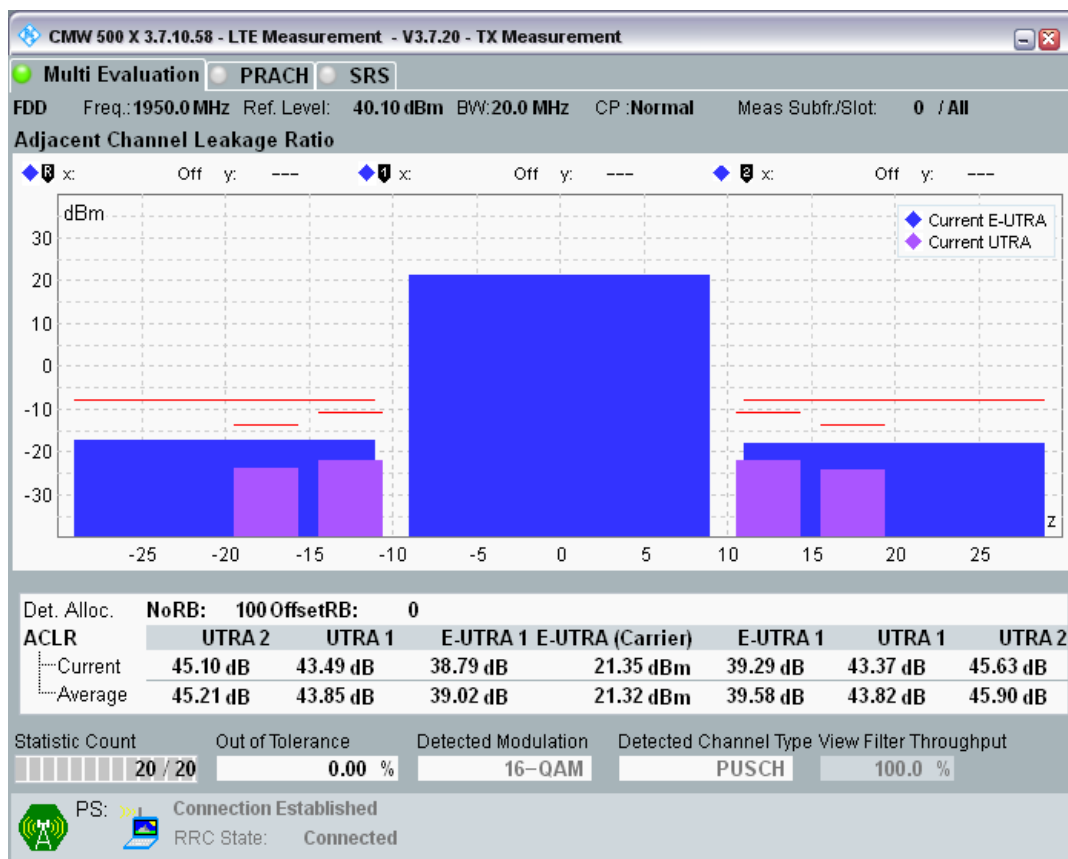
Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#0.png



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



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



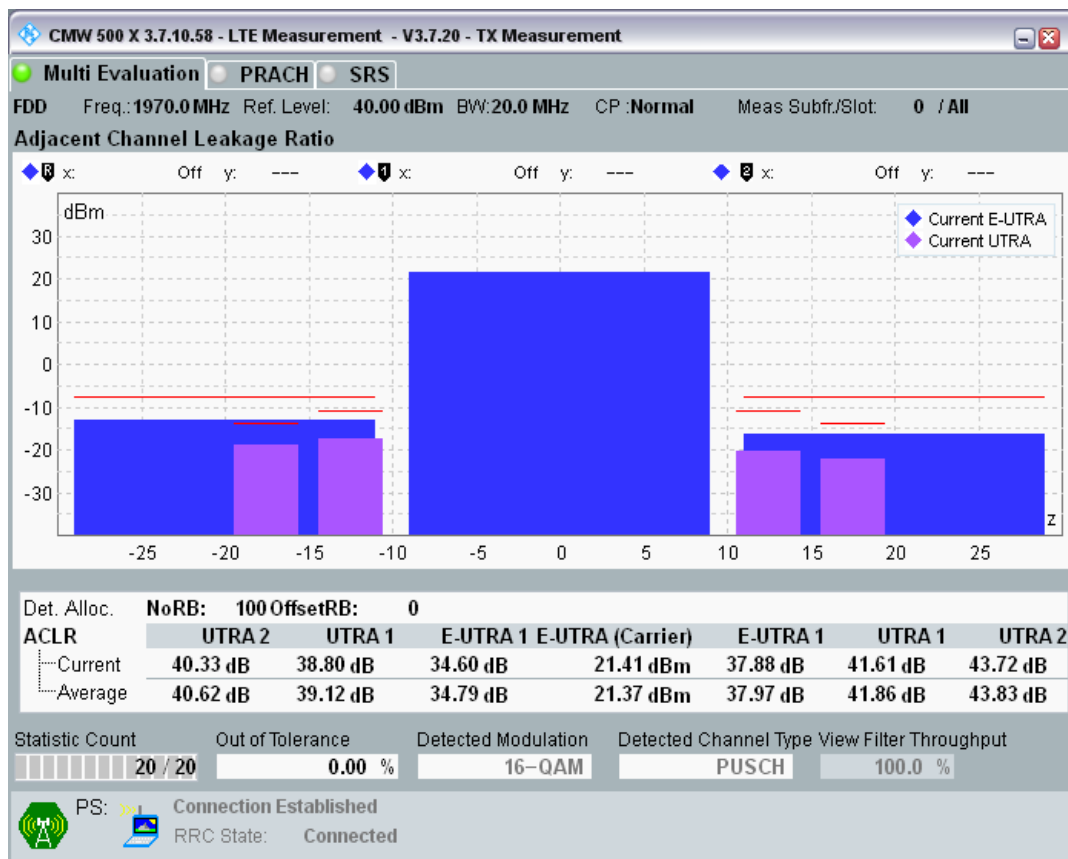
Band1 QAM16 BW=20MHz Channel=18300 RB Size=18 Position=#0.png



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



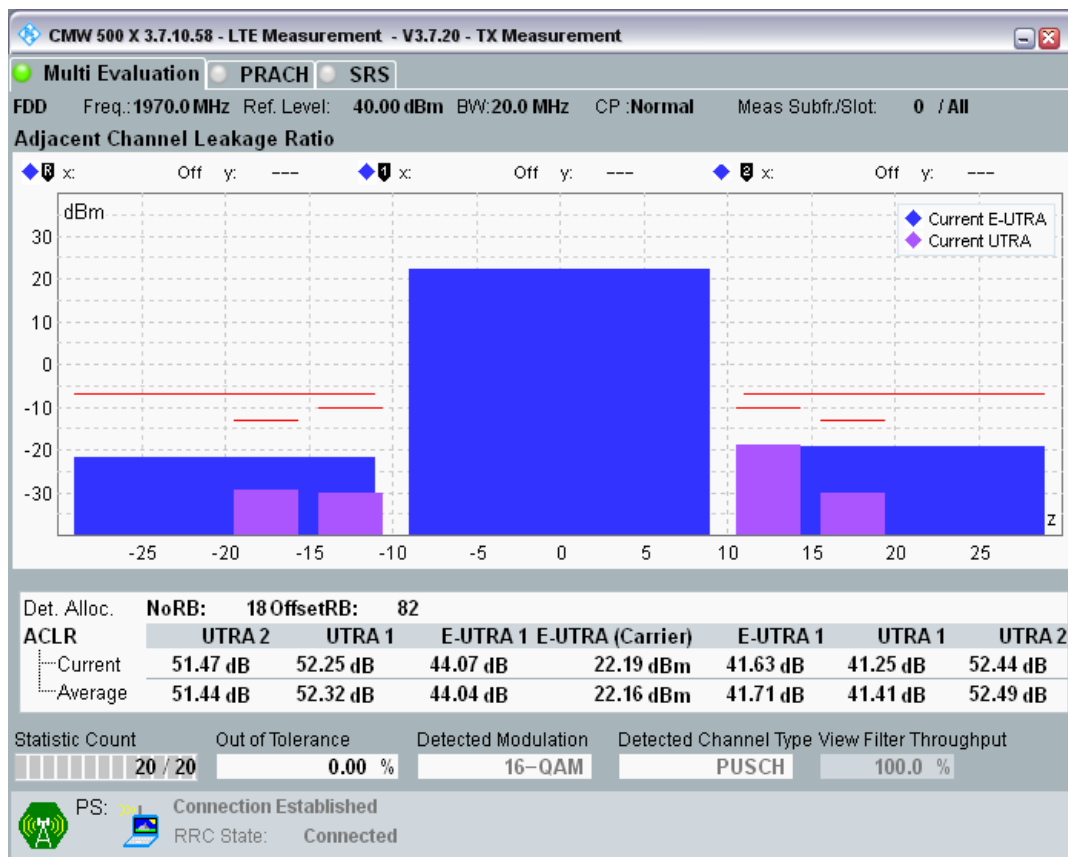
Band1 QAM16 BW=20MHz Channel=18500 RB Size=100 Position=#0.png



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



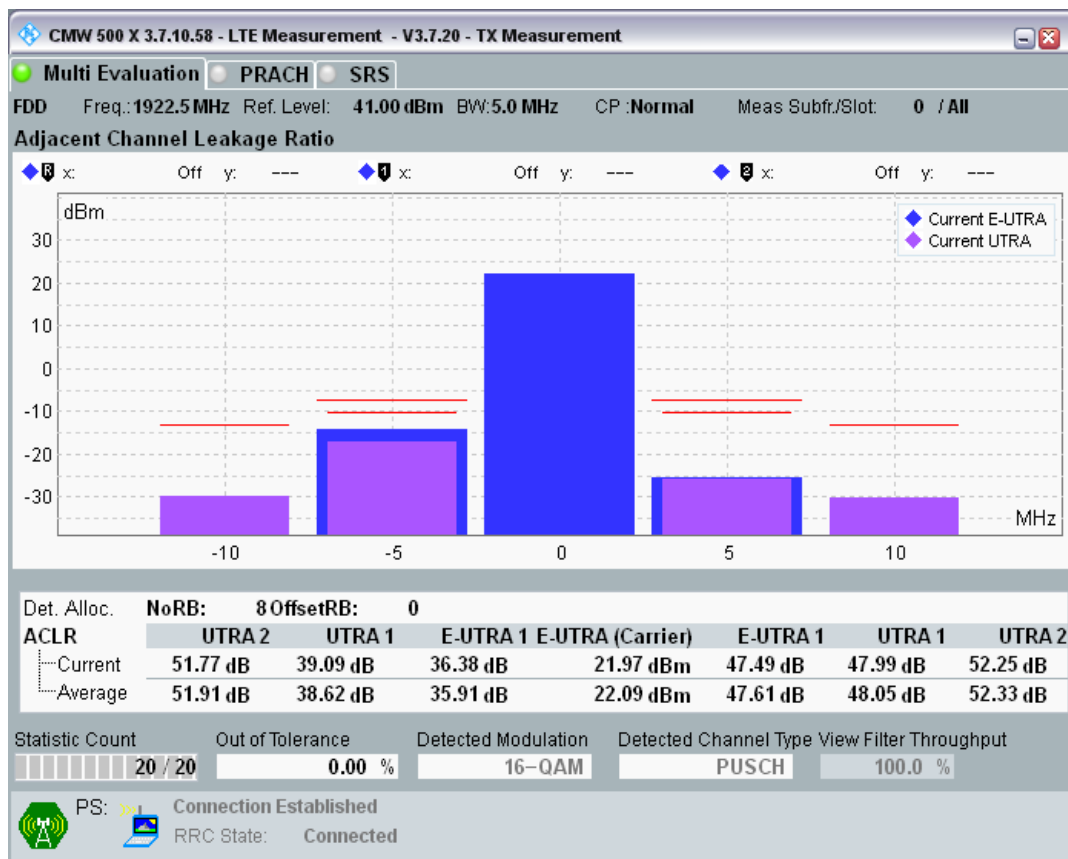
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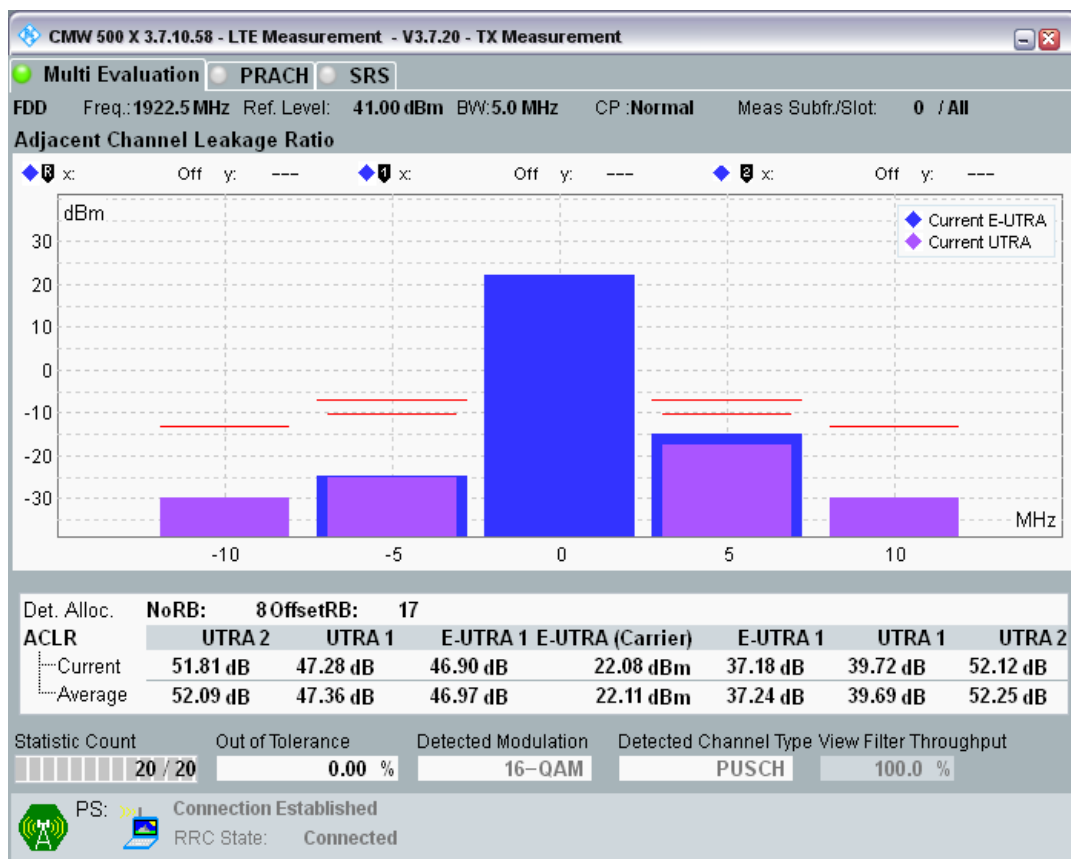
Band1 QAM16 BW=5MHz Channel=18025 RB Size=25 Position=#0.png



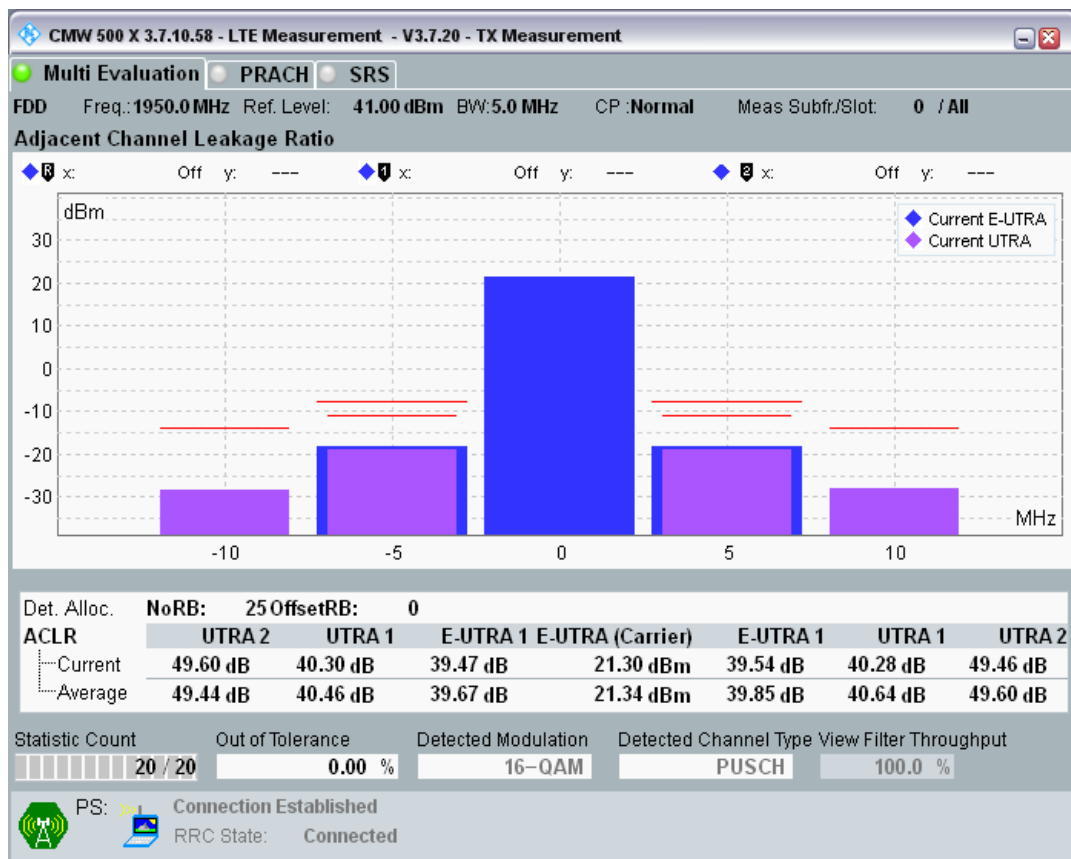
Band1 QAM16 BW=5MHz Channel=18025 RB Size=8 Position=#0.png



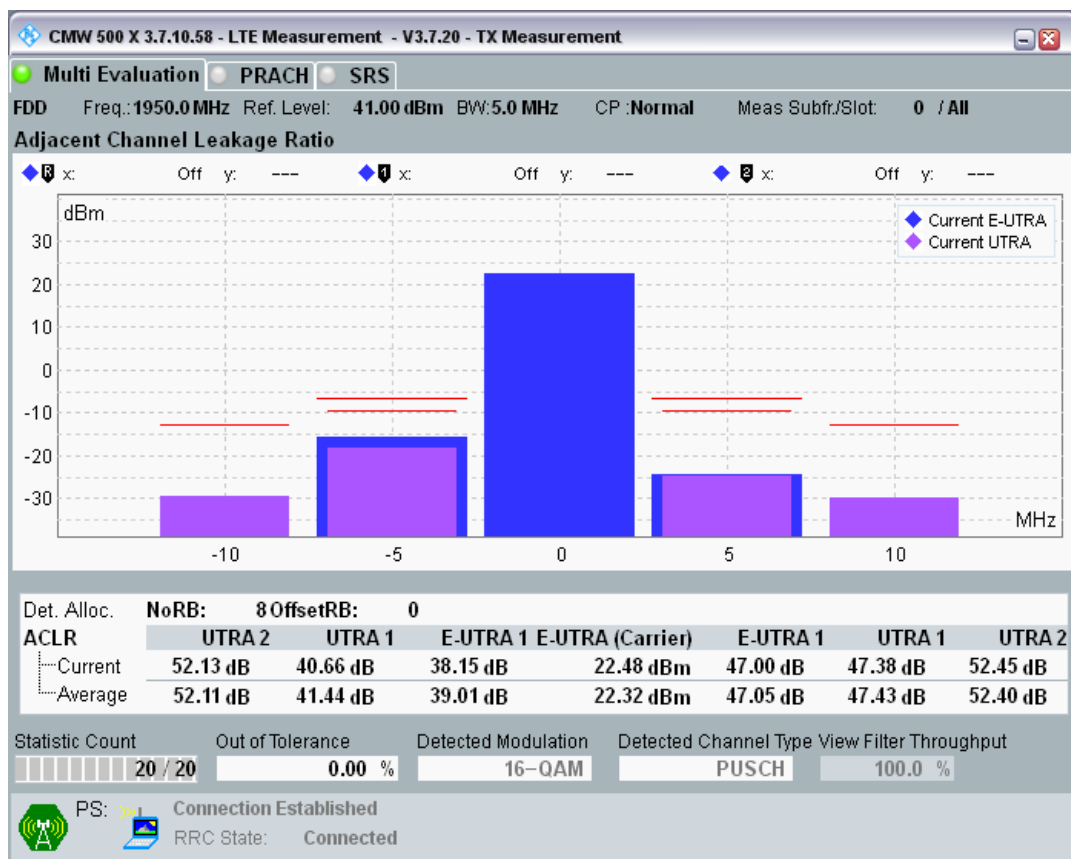
Band1 QAM16 BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



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



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



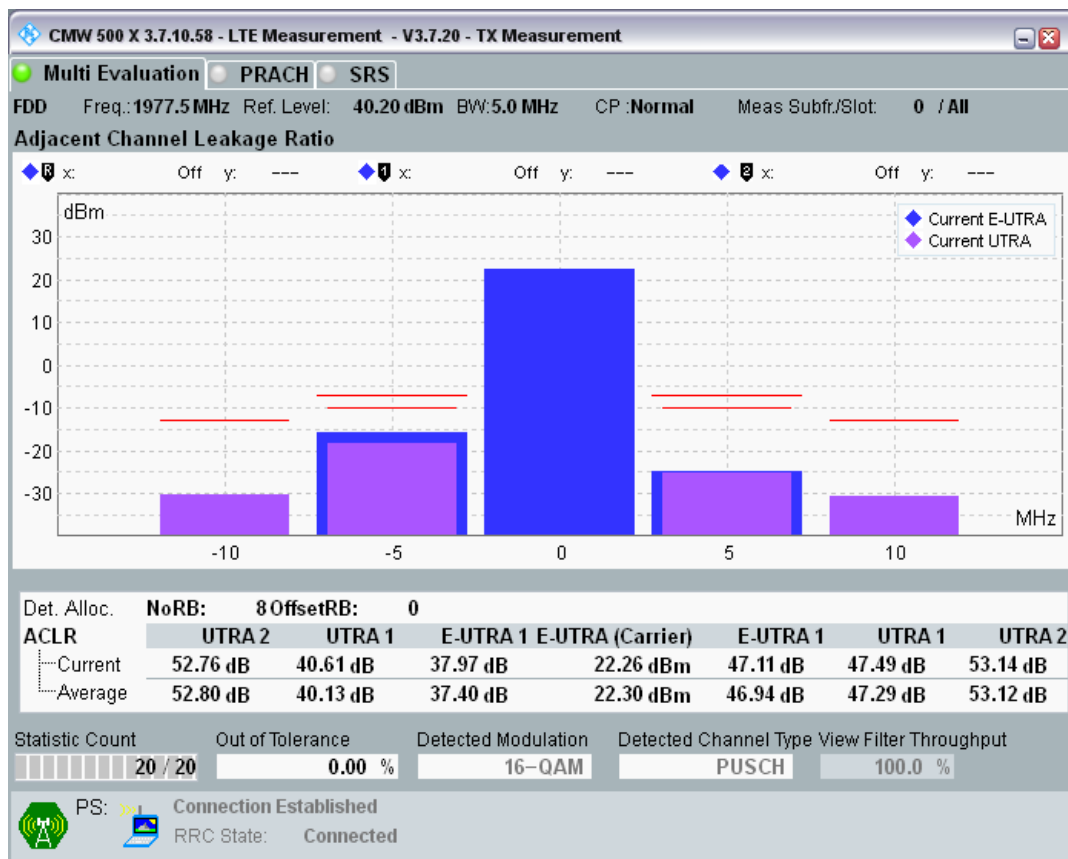
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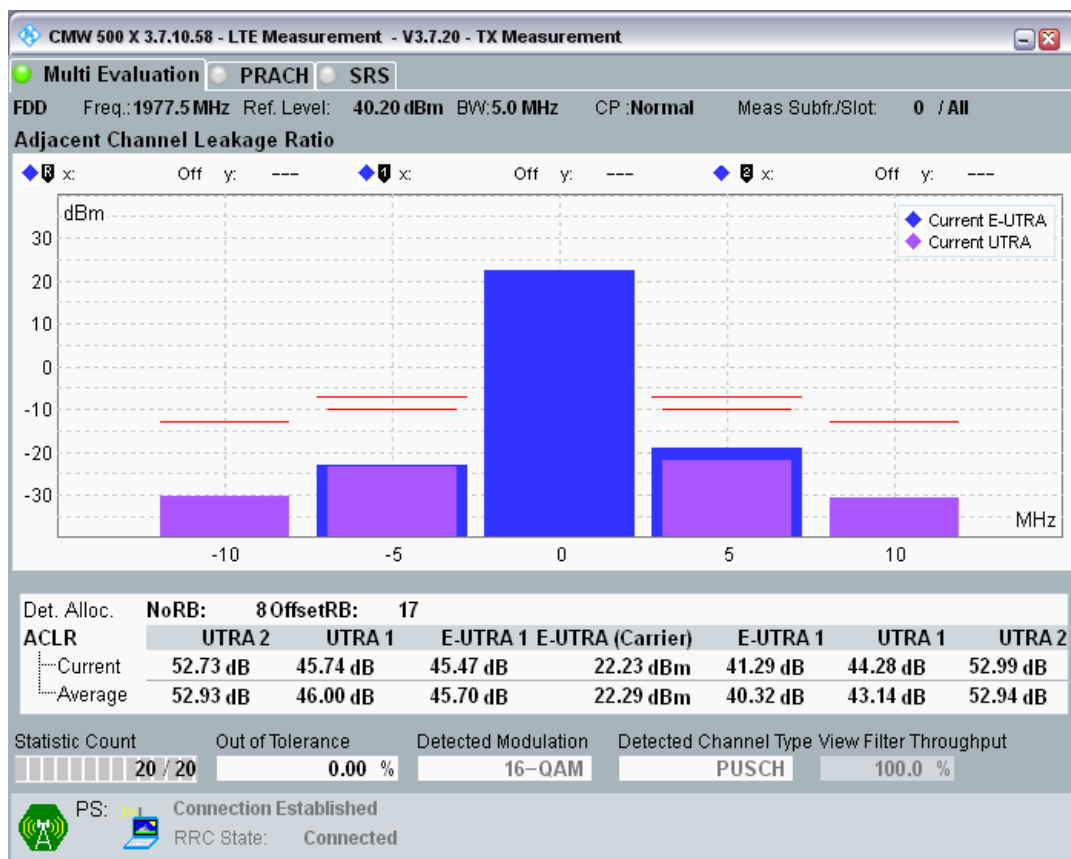
Band1 QAM16 BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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



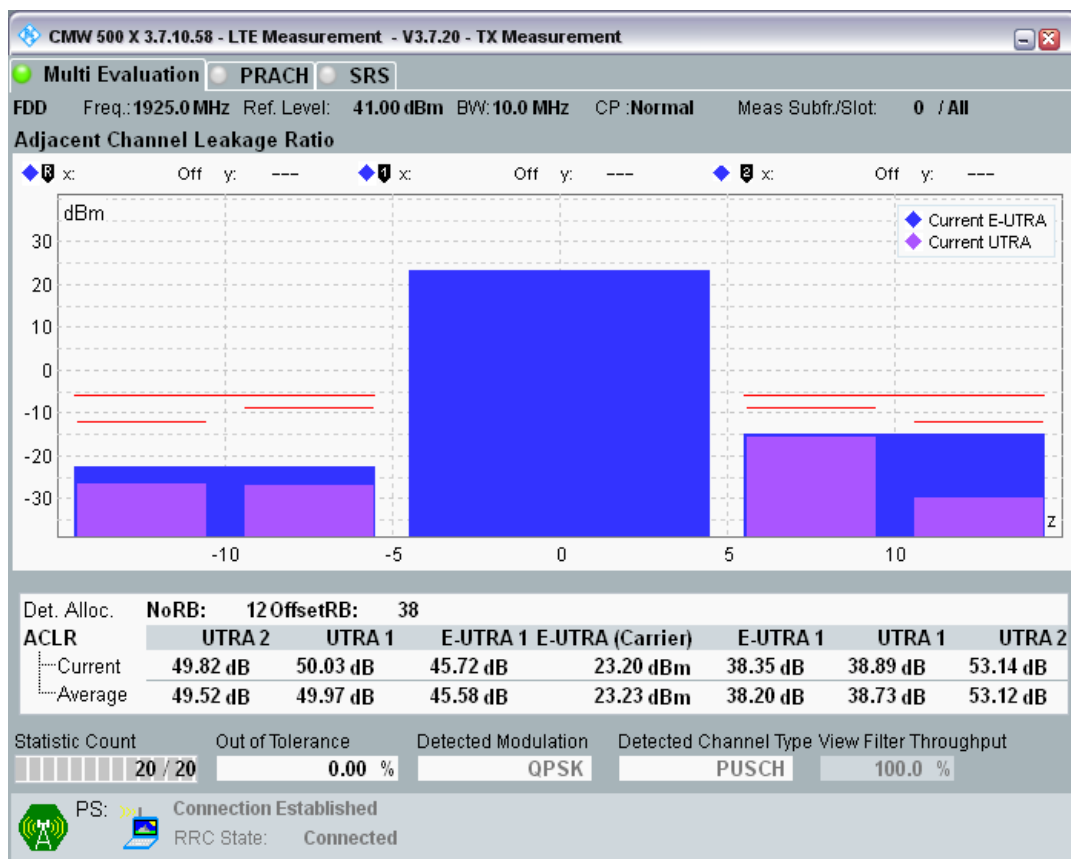
Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



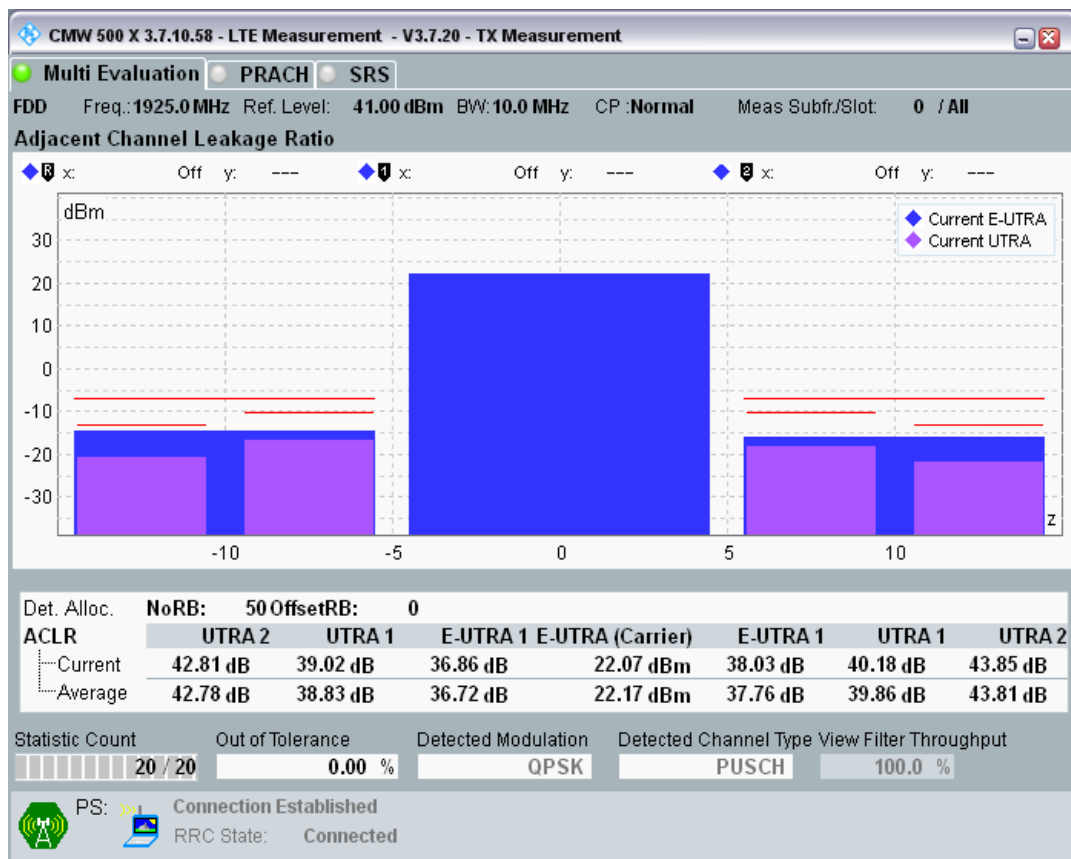
Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#0.png



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



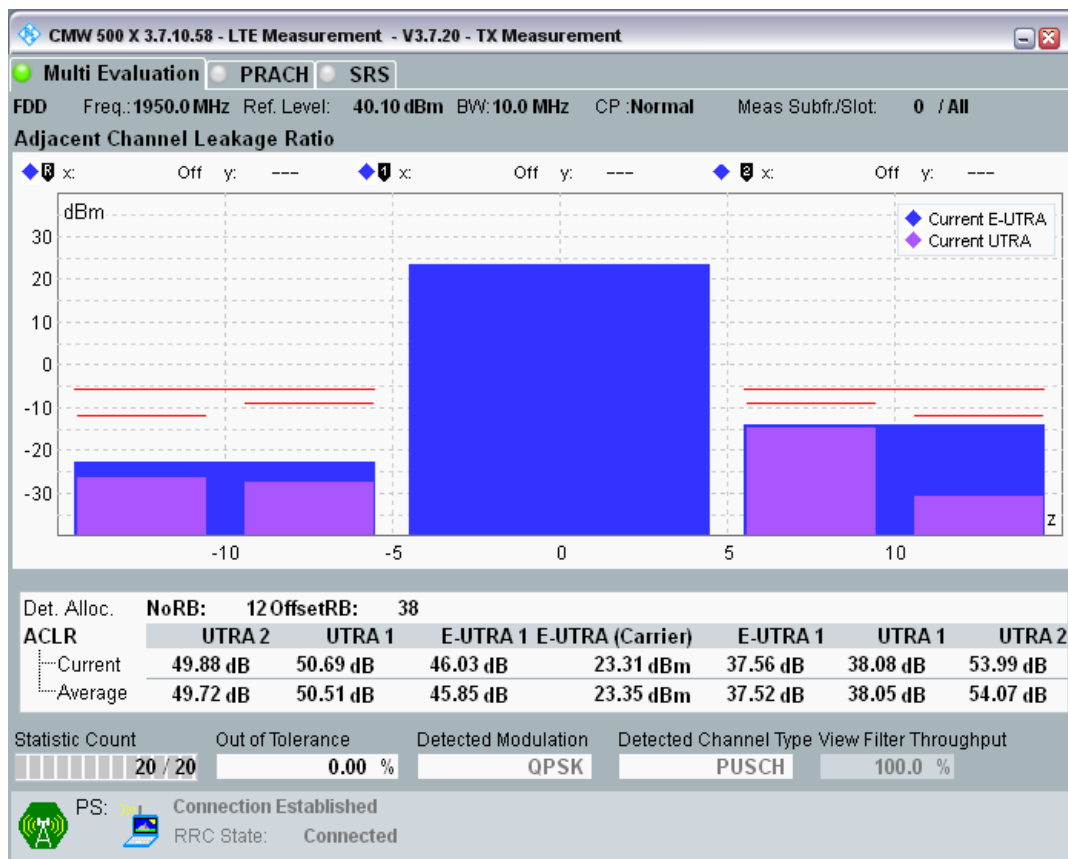
Band1 QPSK BW=10MHz Channel=18050 RB Size=50 Position=#0.png



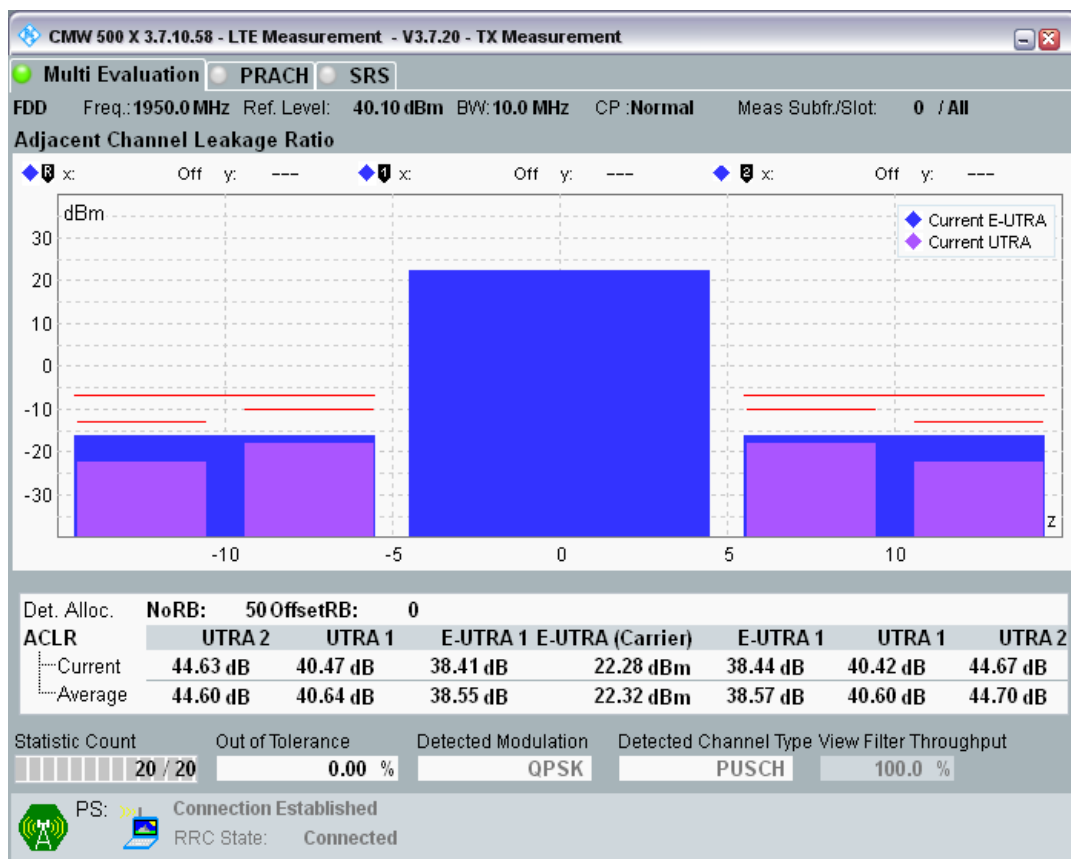
Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#0.png



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



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



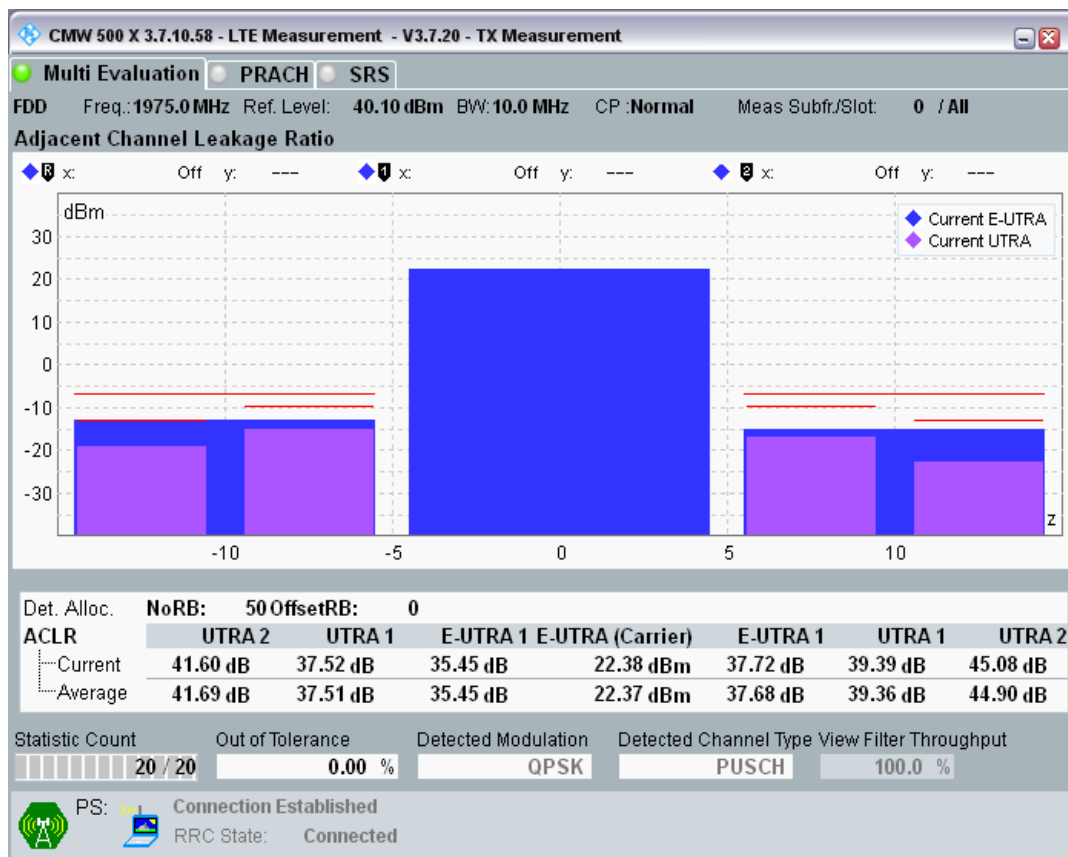
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



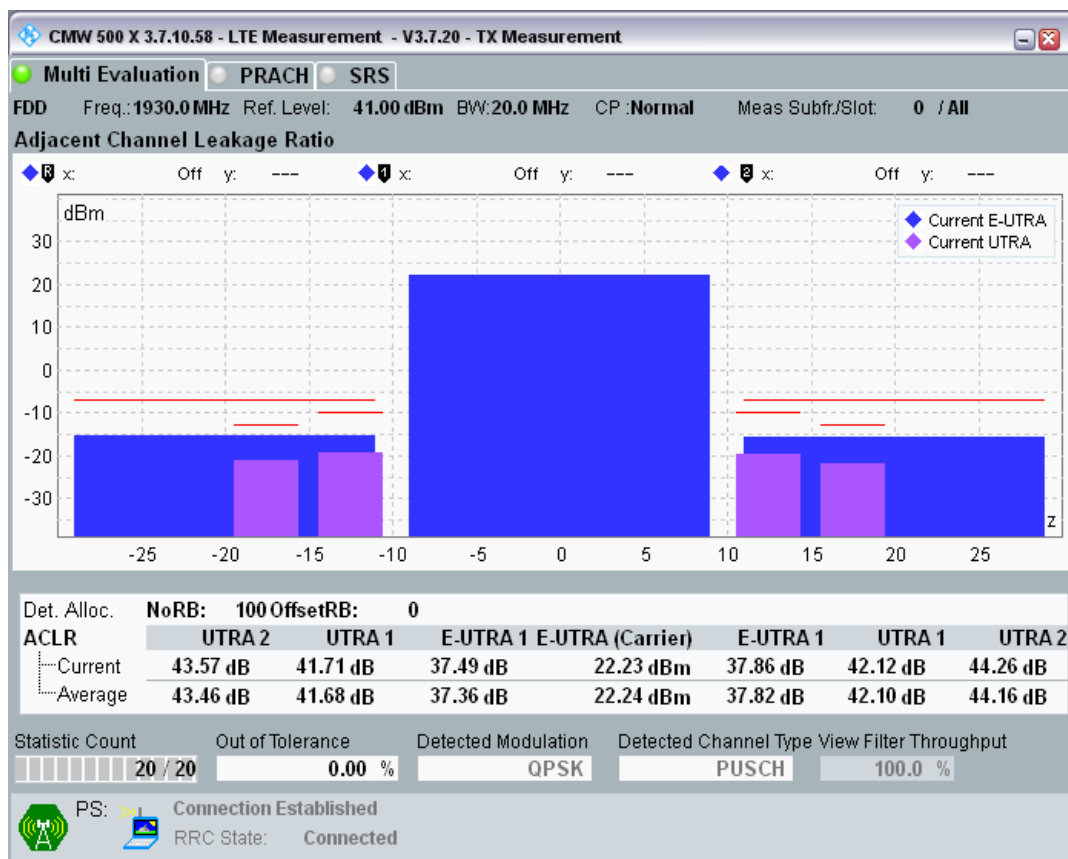
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



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



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



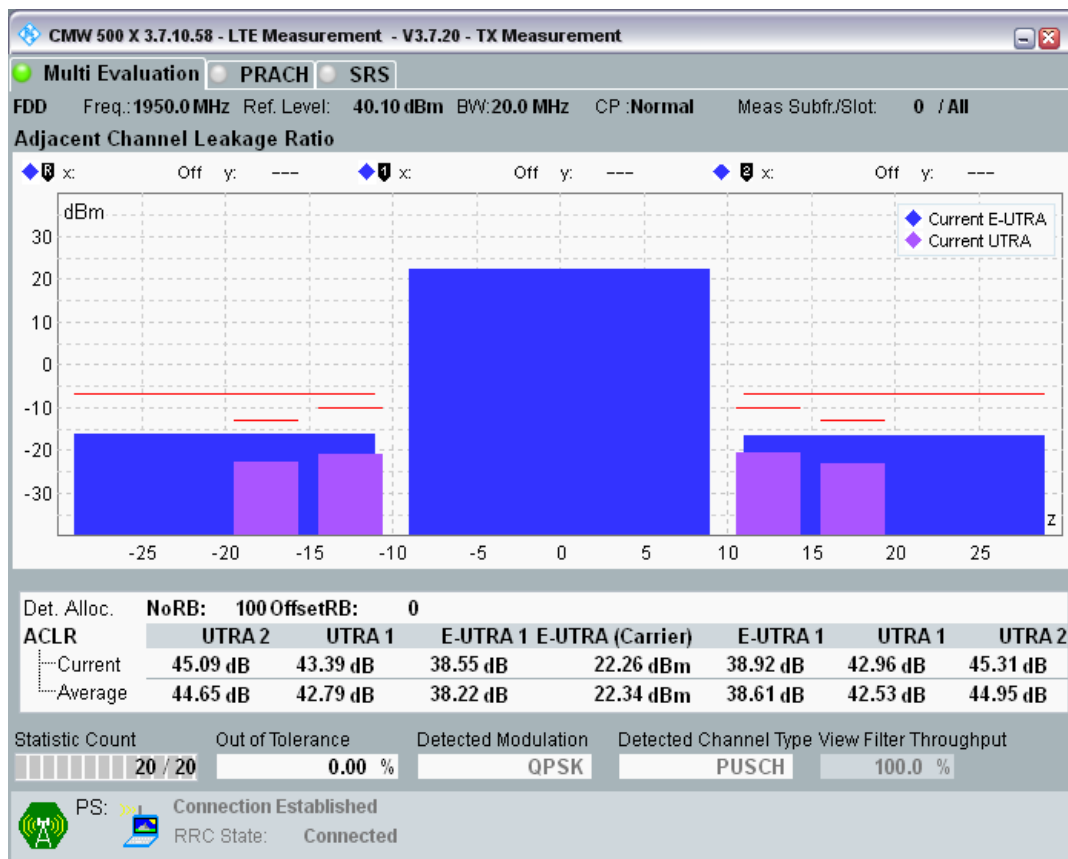
Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#0.png



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



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



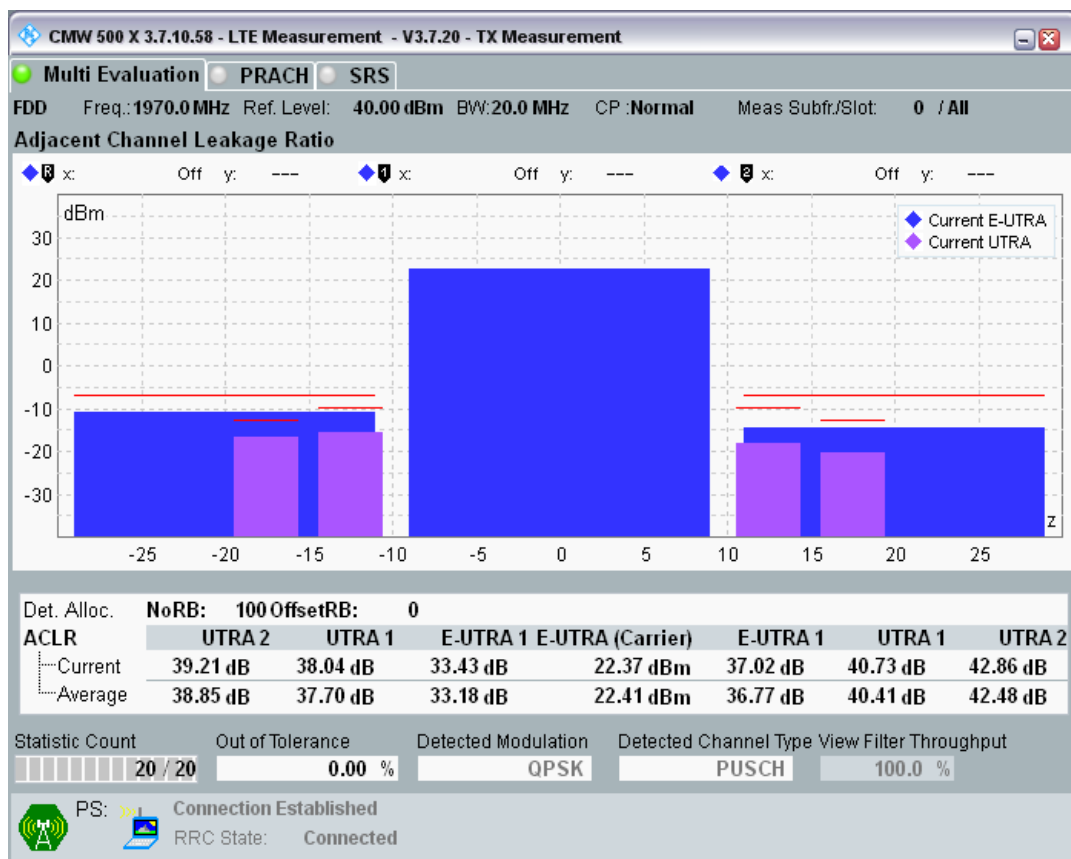
Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#0.png



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



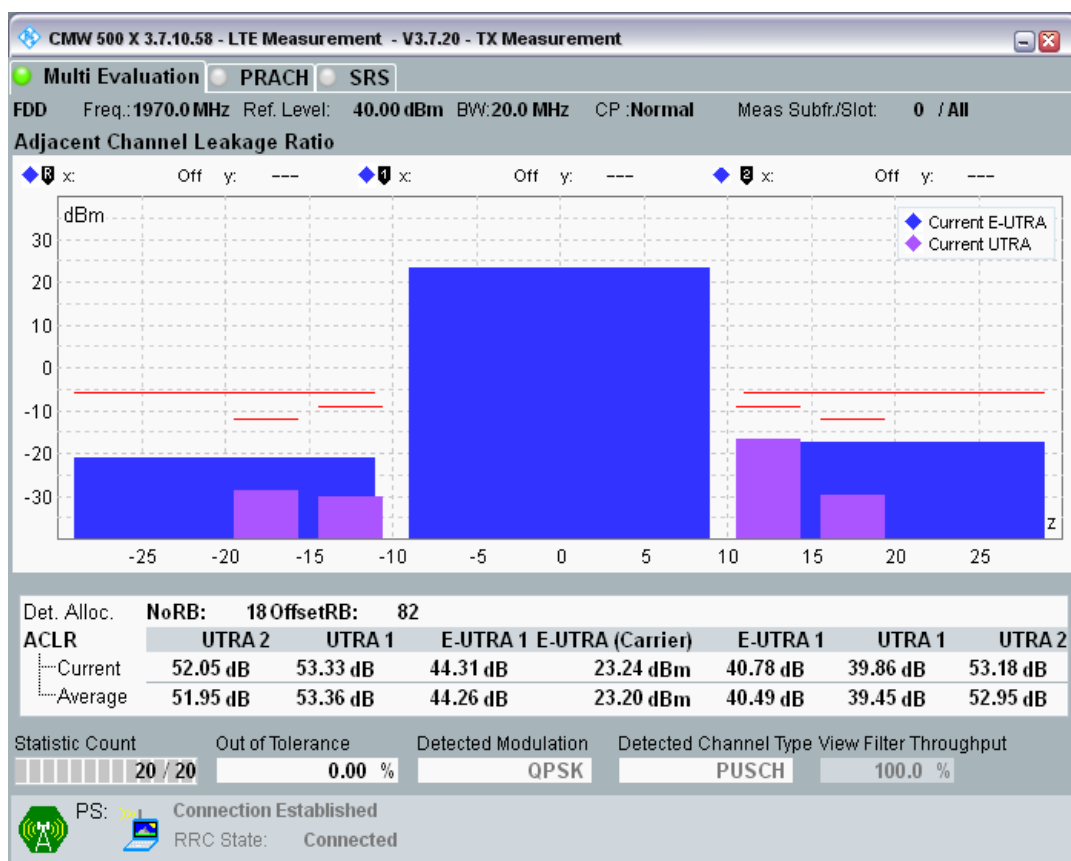
Band1 QPSK BW=20MHz Channel=18500 RB Size=100 Position=#0.png



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



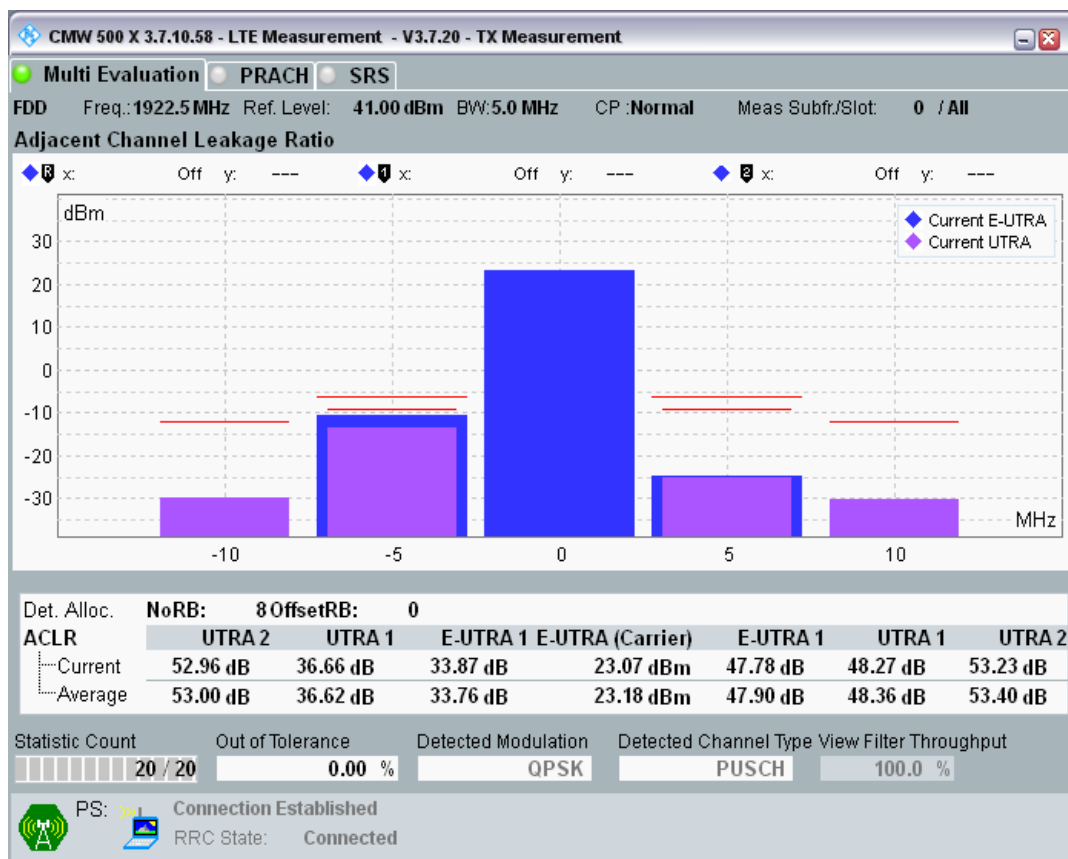
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



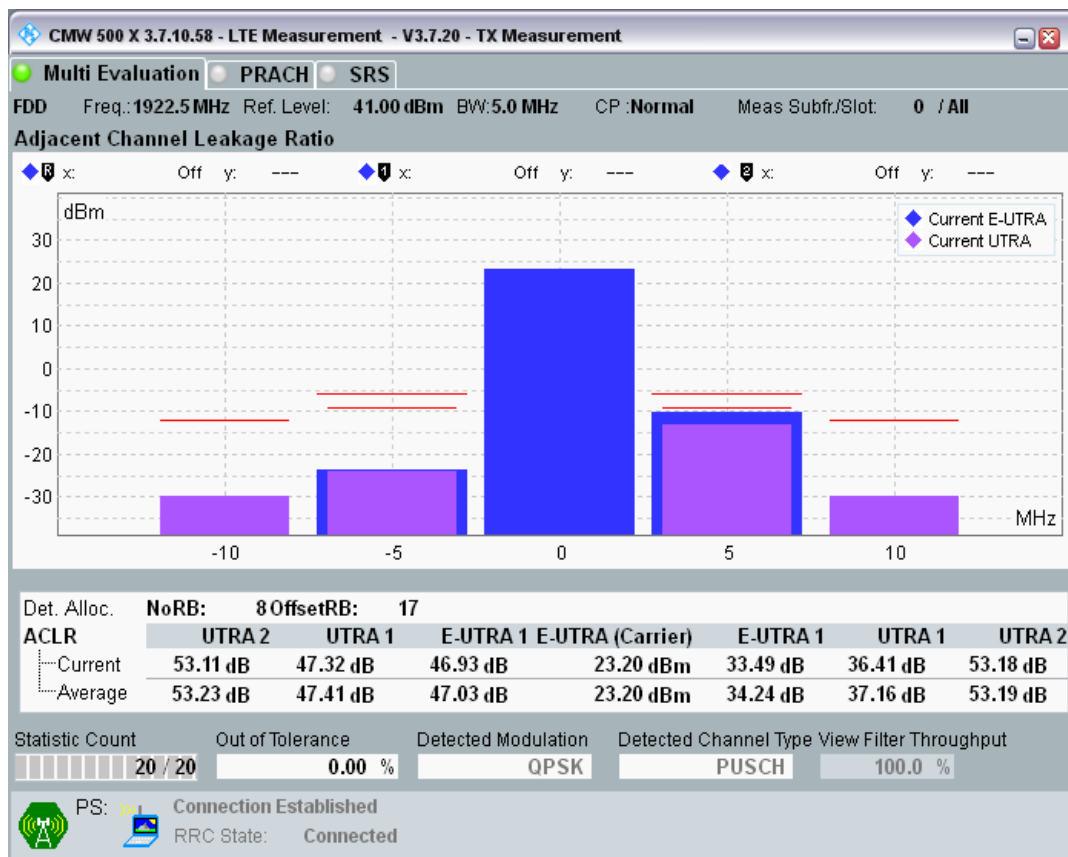
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png



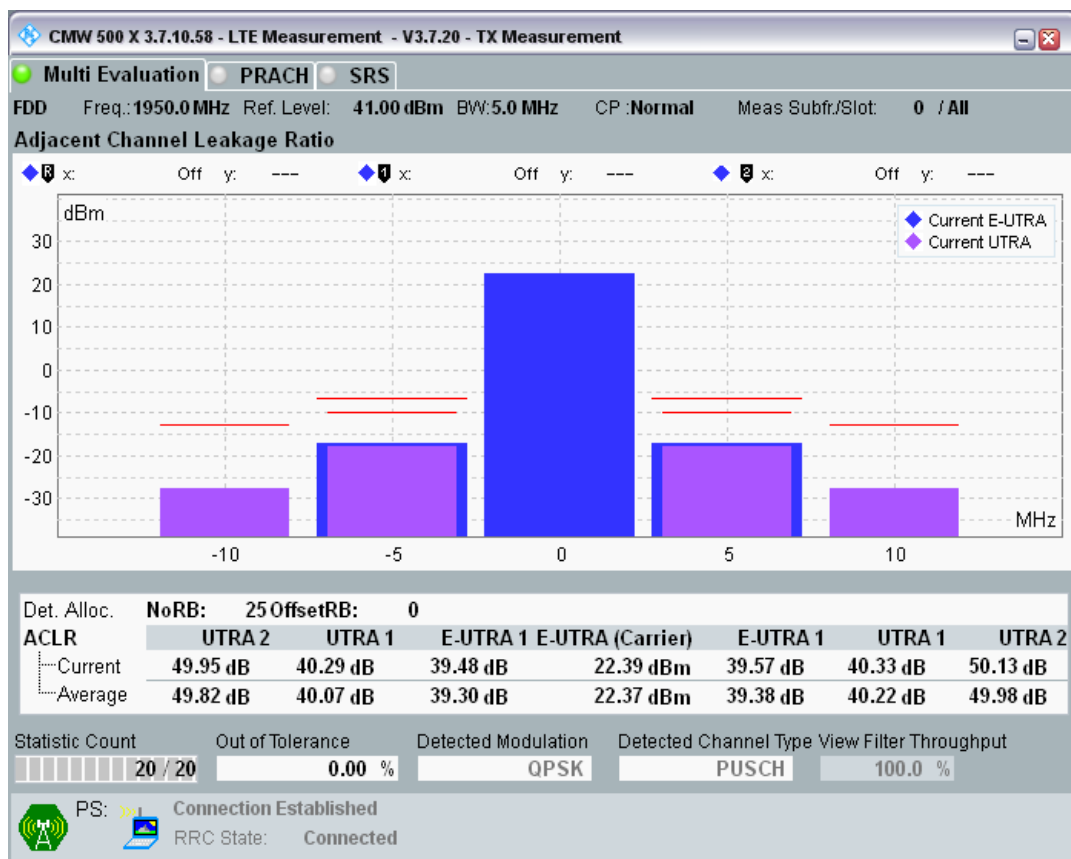
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#0.png



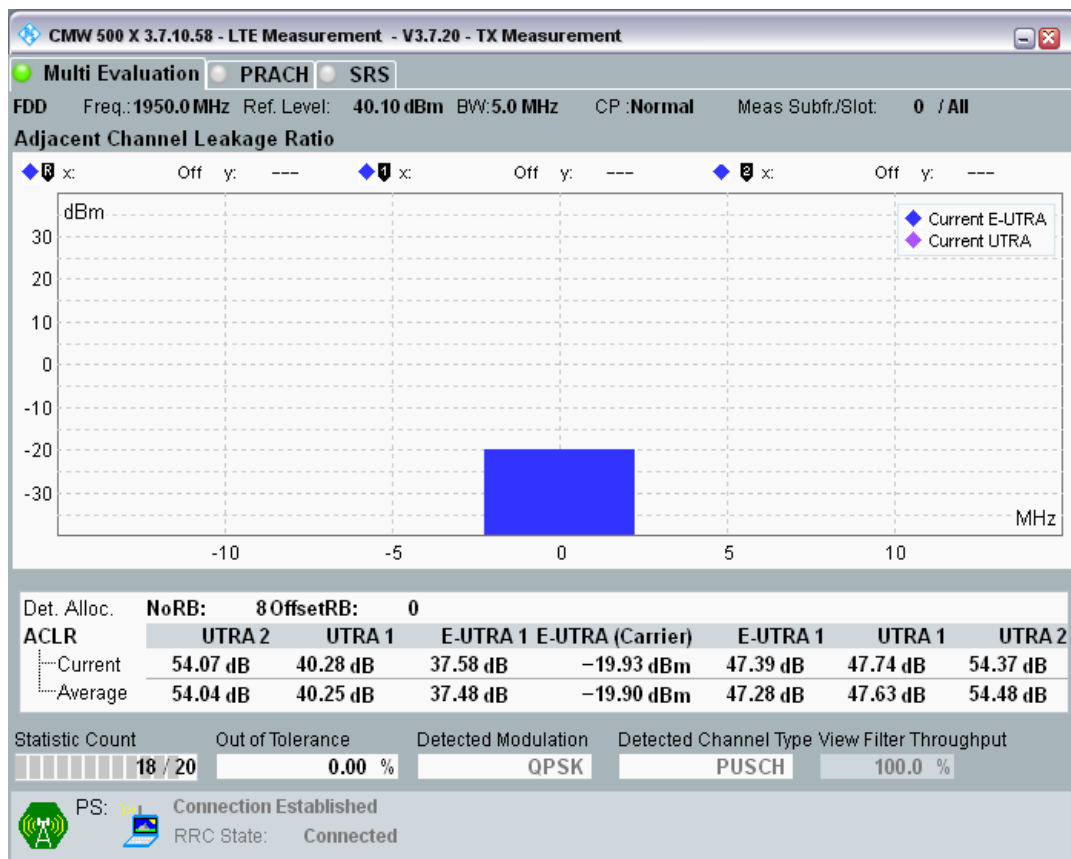
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



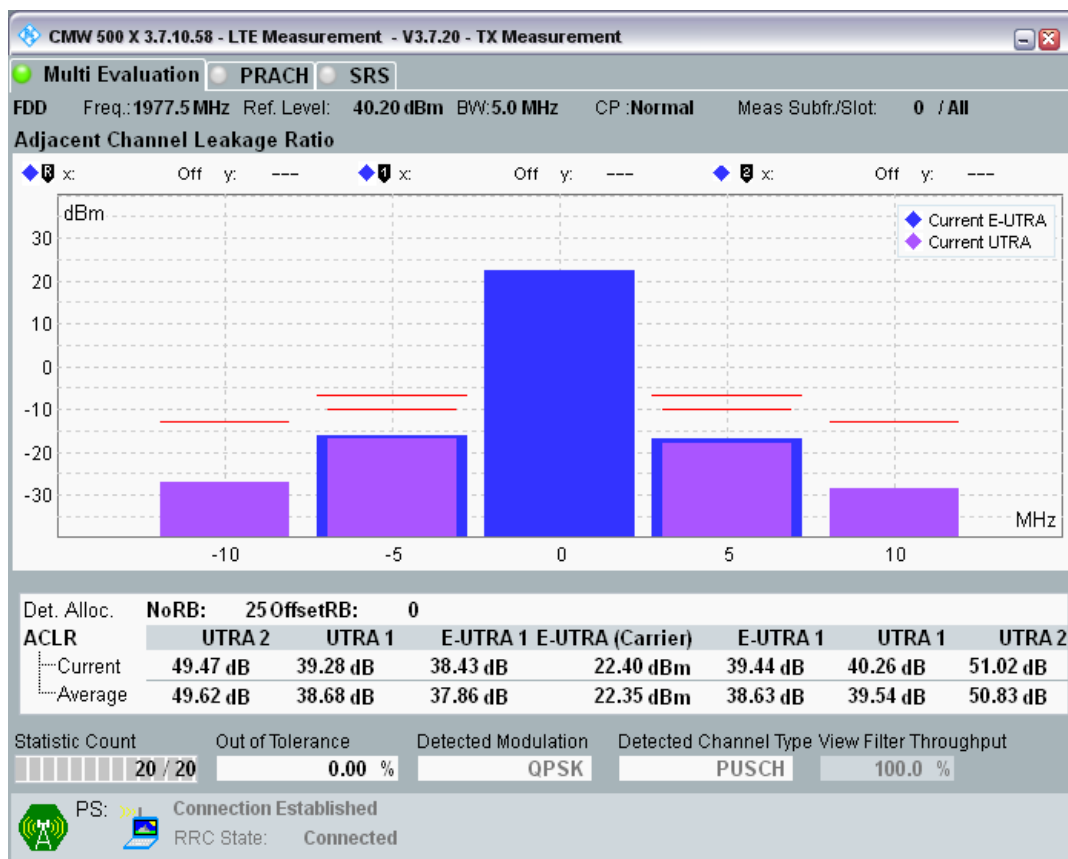
Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png



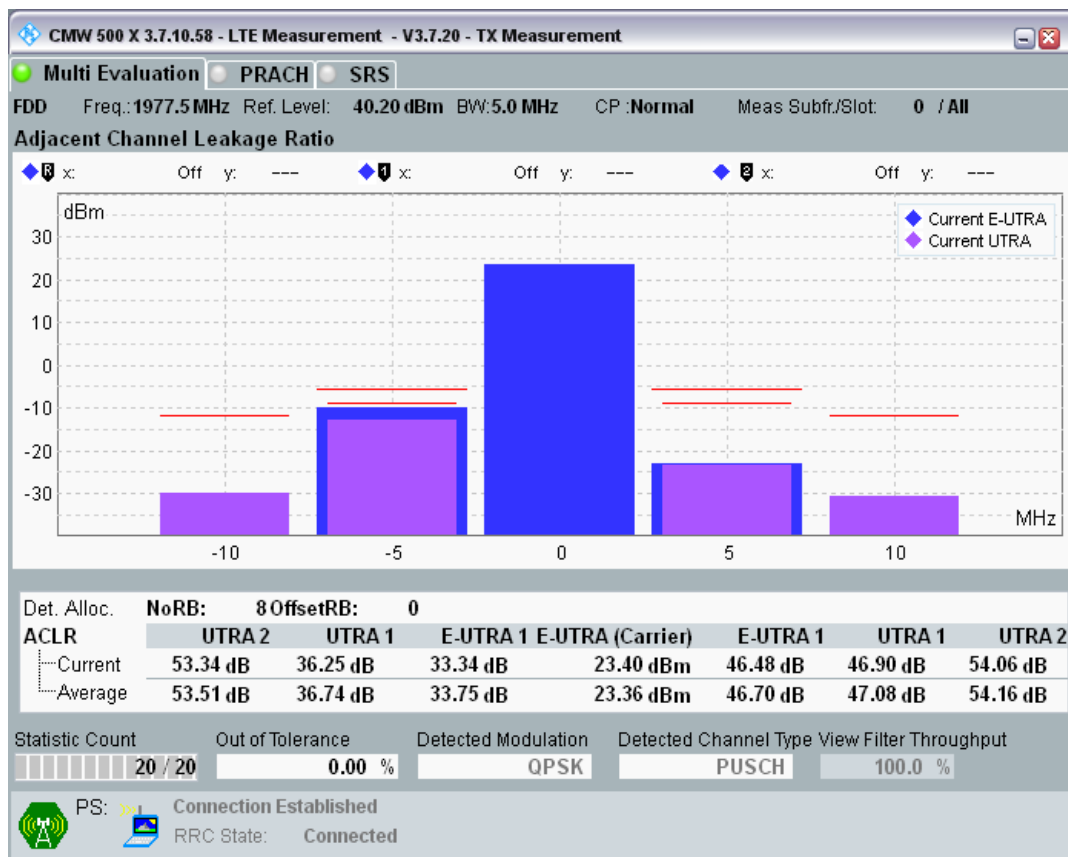
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#0.png



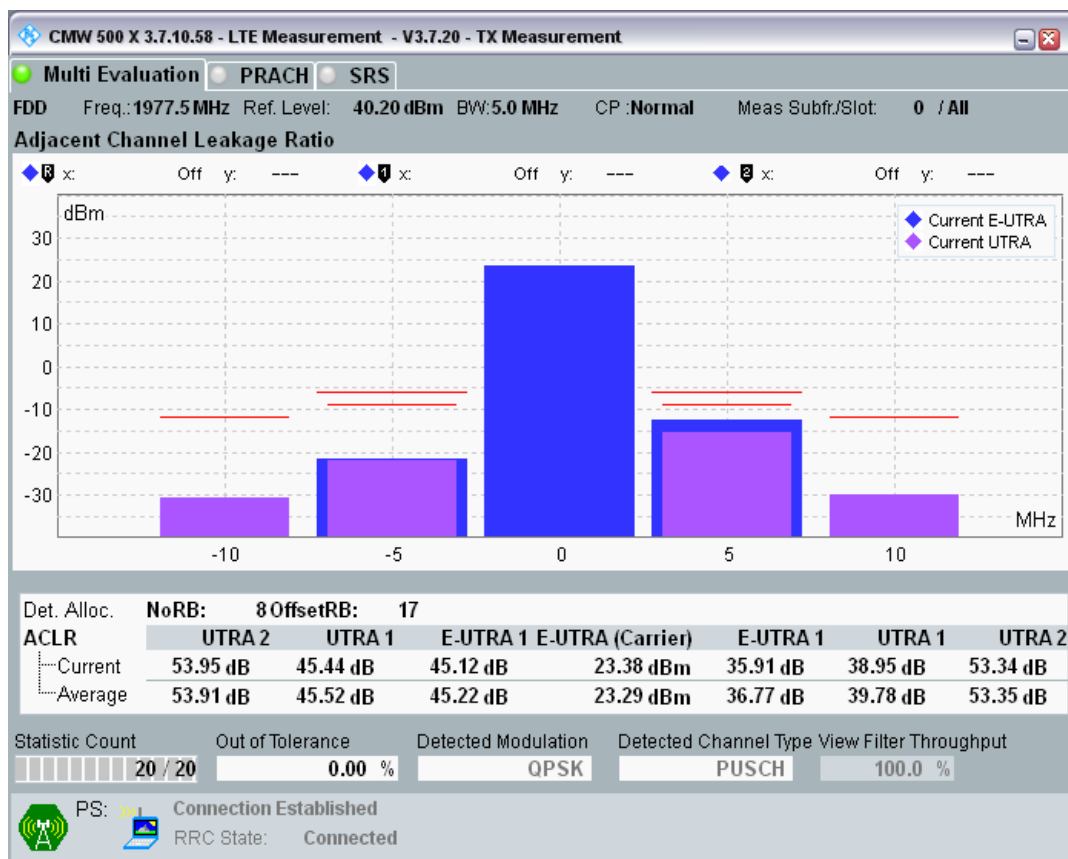
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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	19207	6	QPSK	-101	100.00	95	PASS
3	1.4	19575	6	QPSK	-101	100.00	95	PASS
3	1.4	19943	6	QPSK	-101	100.00	95	PASS
3	5	19225	25	QPSK	-96.3	100.00	95	PASS
3	5	19575	25	QPSK	-96.3	100.00	95	PASS
3	5	19925	25	QPSK	-96.3	100.00	95	PASS
3	20	19300	100	QPSK	-90.3	100.00	95	PASS
3	20	19575	100	QPSK	-90.3	100.00	95	PASS
3	20	19850	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