

Test Condition: HTHV, 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	22.62	20.3		25.7		PASS
7	5	20775	1	#Max	QPSK	22.39	20.3		25.7		PASS
7	5	20775	8	#0	QPSK	22.59	20.3		25.7		PASS
7	5	20775	8	#Max	QPSK	22.52	20.3		25.7		PASS
7	5	21100	1	#0	QPSK	22.84	20.3		25.7		PASS
7	5	21100	1	#Max	QPSK	22.74	20.3		25.7		PASS
7	5	21100	8	#0	QPSK	22.91	20.3		25.7		PASS
7	5	21100	8	#Max	QPSK	22.74	20.3		25.7		PASS
7	5	21425	1	#0	QPSK	22.74	20.3		25.7		PASS
7	5	21425	1	#Max	QPSK	22.69	20.3		25.7		PASS
7	5	21425	8	#0	QPSK	22.73	20.3		25.7		PASS
7	5	21425	8	#Max	QPSK	22.74	20.3		25.7		PASS
7	20	20850	1	#0	QPSK	22.46	20.3		25.7		PASS
7	20	20850	1	#Max	QPSK	22.62	20.3		25.7		PASS
7	20	20850	18	#0	QPSK	22.60	20.3		25.7		PASS
7	20	20850	18	#Max	QPSK	22.71	20.3		25.7		PASS
7	20	21100	1	#0	QPSK	22.87	20.3		25.7		PASS
7	20	21100	1	#Max	QPSK	22.36	20.3		25.7		PASS
7	20	21100	18	#0	QPSK	22.90	20.3		25.7		PASS
7	20	21100	18	#Max	QPSK	22.46	20.3		25.7		PASS
7	20	21350	1	#0	QPSK	22.35	20.3		25.7		PASS
7	20	21350	1	#Max	QPSK	22.51	20.3		25.7		PASS
7	20	21350	18	#0	QPSK	22.47	20.3		25.7		PASS
7	20	21350	18	#Max	QPSK	22.66	20.3		25.7		PASS
1	5	18025	1	#0	QPSK	24.11	20.3		25.7		PASS
1	5	18025	1	#Max	QPSK	24.08	20.3		25.7		PASS
1	5	18025	8	#0	QPSK	24.15	20.3		25.7		PASS
1	5	18025	8	#Max	QPSK	24.18	20.3		25.7		PASS
1	5	18300	1	#0	QPSK	24.17	20.3		25.7		PASS
1	5	18300	1	#Max	QPSK	24.12	20.3		25.7		PASS
1	5	18300	8	#0	QPSK	24.21	20.3		25.7		PASS
1	5	18300	8	#Max	QPSK	24.17	20.3		25.7		PASS
1	5	18575	1	#0	QPSK	24.18	20.3		25.7		PASS
1	5	18575	1	#Max	QPSK	24.18	20.3		25.7		PASS

1	5	18575	8	#0	QPSK	24.29	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	24.27	20.3	25.7	PASS
1	20	18100	1	#0	QPSK	24.01	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	23.95	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	24.11	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	24.06	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	24.11	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	24.09	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	24.04	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	24.09	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	24.12	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	24.15	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.61	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.61	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.59	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.60	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	24.64	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	24.63	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	24.67	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	24.66	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	24.74	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	24.74	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	24.77	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.51	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.55	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.59	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.61	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	24.60	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	24.60	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	24.70	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	24.68	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	24.52	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	24.58	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	24.74	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	24.69	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	25.13	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	25.12	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.98	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	25.00	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	24.72	20.3	25.7	PASS

8	10	21625	1	#Max	QPSK	24.76	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	24.81	20.3	25.7	PASS
8	10	21625	12	#Max	QPSK	24.79	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	24.65	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	24.77	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	24.71	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	24.76	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.02	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.03	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.09	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.16	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	24.12	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	24.09	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	24.17	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	24.19	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	24.12	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	24.16	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	24.23	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	24.20	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	24.38	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	24.50	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.43	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	24.63	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	24.41	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	24.52	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	24.52	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	24.58	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	24.29	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	24.49	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	24.29	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	24.52	20.3	25.7	PASS
3	1.4	19457	1	#0	QPSK	23.25	20.3	25.7	PASS
3	1.4	19457	1	#Max	QPSK	23.24	20.3	25.7	PASS
3	1.4	19457	5	#0	QPSK	23.25	20.3	25.7	PASS
3	1.4	19457	5	#Max	QPSK	23.28	20.3	25.7	PASS
3	1.4	19675	1	#0	QPSK	22.10	20.3	25.7	PASS
3	1.4	19675	1	#Max	QPSK	22.10	20.3	25.7	PASS
3	1.4	19675	5	#0	QPSK	22.09	20.3	25.7	PASS
3	1.4	19675	5	#Max	QPSK	22.11	20.3	25.7	PASS
3	1.4	19893	1	#0	QPSK	22.97	20.3	25.7	PASS
3	1.4	19893	1	#Max	QPSK	23.00	20.3	25.7	PASS
3	1.4	19893	5	#0	QPSK	23.04	20.3	25.7	PASS
3	1.4	19893	5	#Max	QPSK	23.04	20.3	25.7	PASS

3	5	19475	1	#0	QPSK	23.16	20.3	25.7	PASS
3	5	19475	1	#Max	QPSK	23.13	20.3	25.7	PASS
3	5	19475	8	#0	QPSK	23.28	20.3	25.7	PASS
3	5	19475	8	#Max	QPSK	23.29	20.3	25.7	PASS
3	5	19675	1	#0	QPSK	21.96	20.3	25.7	PASS
3	5	19675	1	#Max	QPSK	21.91	20.3	25.7	PASS
3	5	19675	8	#0	QPSK	22.04	20.3	25.7	PASS
3	5	19675	8	#Max	QPSK	22.08	20.3	25.7	PASS
3	5	19875	1	#0	QPSK	22.80	20.3	25.7	PASS
3	5	19875	1	#Max	QPSK	22.96	20.3	25.7	PASS
3	5	19875	8	#0	QPSK	22.89	20.3	25.7	PASS
3	5	19875	8	#Max	QPSK	23.03	20.3	25.7	PASS
3	20	19550	1	#0	QPSK	23.12	20.3	25.7	PASS
3	20	19550	1	#Max	QPSK	22.29	20.3	25.7	PASS
3	20	19550	18	#0	QPSK	23.15	20.3	25.7	PASS
3	20	19550	18	#Max	QPSK	22.43	20.3	25.7	PASS
3	20	19675	1	#0	QPSK	22.16	20.3	25.7	PASS
3	20	19675	1	#Max	QPSK	22.13	20.3	25.7	PASS
3	20	19675	18	#0	QPSK	22.19	20.3	25.7	PASS
3	20	19675	18	#Max	QPSK	22.18	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	22.08	20.3	25.7	PASS
3	20	19800	18	#Max	QPSK	22.95	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	-50.16	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.27	-39	PASS
3	1.4	19943	6	#0	QPSK	-50.12	-39	PASS
3	5	19225	25	#0	QPSK	-49.94	-39	PASS
3	5	19575	25	#0	QPSK	-49.05	-39	PASS
3	5	19925	25	#0	QPSK	-49.77	-39	PASS
3	20	19300	100	#0	QPSK	-49.40	-39	PASS
3	20	19575	100	#0	QPSK	-49.73	-39	PASS
3	20	19850	100	#0	QPSK	-49.45	-39	PASS
7	5	20775	25	#0	QPSK	-50.23	-39	PASS
7	5	21100	25	#0	QPSK	-49.61	-39	PASS
7	5	21425	25	#0	QPSK	-49.24	-39	PASS
7	20	20850	100	#0	QPSK	-48.84	-39	PASS
7	20	21100	100	#0	QPSK	-48.79	-39	PASS
7	20	21350	100	#0	QPSK	-48.60	-39	PASS
8	1.4	21457	6	#0	QPSK	-49.81	-39	PASS

8	1.4	21625	6	#0	QPSK	-49.95	-39	PASS
8	1.4	21793	6	#0	QPSK	-49.92	-39	PASS
8	5	21475	25	#0	QPSK	-49.69	-39	PASS
8	5	21625	25	#0	QPSK	-49.67	-39	PASS
8	5	21775	25	#0	QPSK	-49.67	-39	PASS
8	10	21500	50	#0	QPSK	-49.95	-39	PASS
8	10	21625	50	#0	QPSK	-49.42	-39	PASS
8	10	21750	50	#0	QPSK	-49.24	-39	PASS
20	5	24175	25	#0	QPSK	-50.14	-39	PASS
20	5	24300	25	#0	QPSK	-49.84	-39	PASS
20	5	24425	25	#0	QPSK	-49.98	-39	PASS
20	20	24250	100	#0	QPSK	-49.95	-39	PASS
20	20	24300	100	#0	QPSK	-49.34	-39	PASS
20	20	24350	100	#0	QPSK	-49.29	-39	PASS
1	5	18025	25	#0	QPSK	-49.57	-39	PASS
1	5	18300	25	#0	QPSK	-48.80	-39	PASS
1	5	18575	25	#0	QPSK	-48.77	-39	PASS
1	20	18100	100	#0	QPSK	-48.34	-39	PASS
1	20	18300	100	#0	QPSK	-48.17	-39	PASS
1	20	18500	100	#0	QPSK	-48.07	-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		42.48	32.2	PASS
3	1.4	19207	5	#0	QPSK		39.01	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		40.64	29.2	PASS
3	1.4	19207	5	#0	QPSK		44.90	32.2	PASS
3	1.4	19207	5	#Max	QPSK		44.48	32.2	PASS
3	1.4	19207	5	#Max	QPSK		40.20	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		39.76	29.2	PASS
3	1.4	19207	5	#Max	QPSK		43.05	32.2	PASS
3	1.4	19207	6	#0	QPSK		42.66	32.2	PASS
3	1.4	19207	6	#0	QPSK		40.48	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		41.00	29.2	PASS
3	1.4	19207	6	#0	QPSK		43.01	32.2	PASS
3	1.4	19207	5	#0	QAM16		44.10	32.2	PASS
3	1.4	19207	5	#0	QAM16		40.38	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		41.93	29.2	PASS
3	1.4	19207	5	#0	QAM16		46.03	32.2	PASS

3	1.4	19207	5	#Max	QAM16		46.13	32.2	PASS
3	1.4	19207	5	#Max	QAM16		41.91	29.2	PASS
3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		40.46	29.2	PASS
3	1.4	19207	5	#Max	QAM16		44.27	32.2	PASS
3	1.4	19207	6	#0	QAM16		43.65	32.2	PASS
3	1.4	19207	6	#0	QAM16		40.72	29.2	PASS
3	1.4	19207	6	#0	QAM16		0.00	0	PASS
3	1.4	19207	6	#0	QAM16		41.02	29.2	PASS
3	1.4	19207	6	#0	QAM16		43.75	32.2	PASS
3	1.4	19575	5	#0	QPSK		41.90	32.2	PASS
3	1.4	19575	5	#0	QPSK		37.65	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		39.52	29.2	PASS
3	1.4	19575	5	#0	QPSK		44.29	32.2	PASS
3	1.4	19575	5	#Max	QPSK		44.07	32.2	PASS
3	1.4	19575	5	#Max	QPSK		39.20	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		37.97	29.2	PASS
3	1.4	19575	5	#Max	QPSK		42.14	32.2	PASS
3	1.4	19575	6	#0	QPSK		42.23	32.2	PASS
3	1.4	19575	6	#0	QPSK		39.62	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		40.32	29.2	PASS
3	1.4	19575	6	#0	QPSK		42.71	32.2	PASS
3	1.4	19575	5	#0	QAM16		43.32	32.2	PASS
3	1.4	19575	5	#0	QAM16		38.63	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		40.54	29.2	PASS
3	1.4	19575	5	#0	QAM16		45.11	32.2	PASS
3	1.4	19575	5	#Max	QAM16		45.43	32.2	PASS
3	1.4	19575	5	#Max	QAM16		40.68	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		39.15	29.2	PASS
3	1.4	19575	5	#Max	QAM16		42.97	32.2	PASS
3	1.4	19575	6	#0	QAM16		43.01	32.2	PASS
3	1.4	19575	6	#0	QAM16		40.09	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		39.89	29.2	PASS
3	1.4	19575	6	#0	QAM16		42.93	32.2	PASS
3	1.4	19943	5	#0	QPSK		41.54	32.2	PASS
3	1.4	19943	5	#0	QPSK		36.85	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS

3	1.4	19943	5	#0	QPSK		38.82	29.2	PASS
3	1.4	19943	5	#0	QPSK		43.94	32.2	PASS
3	1.4	19943	5	#Max	QPSK		43.41	32.2	PASS
3	1.4	19943	5	#Max	QPSK		38.18	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		35.62	29.2	PASS
3	1.4	19943	5	#Max	QPSK		41.06	32.2	PASS
3	1.4	19943	6	#0	QPSK		41.12	32.2	PASS
3	1.4	19943	6	#0	QPSK		38.37	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		38.10	29.2	PASS
3	1.4	19943	6	#0	QPSK		41.09	32.2	PASS
3	1.4	19943	5	#0	QAM16		42.82	32.2	PASS
3	1.4	19943	5	#0	QAM16		38.14	29.2	PASS
3	1.4	19943	5	#0	QAM16		0.00	0	PASS
3	1.4	19943	5	#0	QAM16		39.84	29.2	PASS
3	1.4	19943	5	#0	QAM16		44.73	32.2	PASS
3	1.4	19943	5	#Max	QAM16		44.80	32.2	PASS
3	1.4	19943	5	#Max	QAM16		40.00	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		37.67	29.2	PASS
3	1.4	19943	5	#Max	QAM16		42.36	32.2	PASS
3	1.4	19943	6	#0	QAM16		43.06	32.2	PASS
3	1.4	19943	6	#0	QAM16		39.72	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		39.62	29.2	PASS
3	1.4	19943	6	#0	QAM16		42.71	32.2	PASS
3	5	19225	8	#0	QPSK		52.74	35.2	PASS
3	5	19225	8	#0	QPSK		41.84	32.2	PASS
3	5	19225	8	#0	QPSK		39.81	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		46.06	29.2	PASS
3	5	19225	8	#0	QPSK		46.40	32.2	PASS
3	5	19225	8	#0	QPSK		53.19	35.2	PASS
3	5	19225	8	#Max	QPSK		52.86	35.2	PASS
3	5	19225	8	#Max	QPSK		44.82	32.2	PASS
3	5	19225	8	#Max	QPSK		44.55	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		42.10	29.2	PASS
3	5	19225	8	#Max	QPSK		44.00	32.2	PASS
3	5	19225	8	#Max	QPSK		53.06	35.2	PASS
3	5	19225	25	#0	QPSK		50.54	35.2	PASS
3	5	19225	25	#0	QPSK		40.89	32.2	PASS

3	5	19225	25	#0	QPSK		40.11	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS
3	5	19225	25	#0	QPSK		41.04	29.2	PASS
3	5	19225	25	#0	QPSK		41.74	32.2	PASS
3	5	19225	25	#0	QPSK		50.17	35.2	PASS
3	5	19225	8	#0	QAM16		51.73	35.2	PASS
3	5	19225	8	#0	QAM16		42.33	32.2	PASS
3	5	19225	8	#0	QAM16		40.09	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		46.21	29.2	PASS
3	5	19225	8	#0	QAM16		46.55	32.2	PASS
3	5	19225	8	#0	QAM16		52.19	35.2	PASS
3	5	19225	8	#Max	QAM16		51.89	35.2	PASS
3	5	19225	8	#Max	QAM16		45.31	32.2	PASS
3	5	19225	8	#Max	QAM16		45.02	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		41.60	29.2	PASS
3	5	19225	8	#Max	QAM16		43.86	32.2	PASS
3	5	19225	8	#Max	QAM16		52.14	35.2	PASS
3	5	19225	25	#0	QAM16		50.12	35.2	PASS
3	5	19225	25	#0	QAM16		40.28	32.2	PASS
3	5	19225	25	#0	QAM16		39.51	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		40.09	29.2	PASS
3	5	19225	25	#0	QAM16		40.88	32.2	PASS
3	5	19225	25	#0	QAM16		49.94	35.2	PASS
3	5	19575	8	#0	QPSK		53.38	35.2	PASS
3	5	19575	8	#0	QPSK		40.04	32.2	PASS
3	5	19575	8	#0	QPSK		37.66	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		46.07	29.2	PASS
3	5	19575	8	#0	QPSK		46.37	32.2	PASS
3	5	19575	8	#0	QPSK		53.92	35.2	PASS
3	5	19575	8	#Max	QPSK		53.68	35.2	PASS
3	5	19575	8	#Max	QPSK		45.75	32.2	PASS
3	5	19575	8	#Max	QPSK		45.46	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		38.53	29.2	PASS
3	5	19575	8	#Max	QPSK		40.81	32.2	PASS
3	5	19575	8	#Max	QPSK		53.72	35.2	PASS
3	5	19575	25	#0	QPSK		49.73	35.2	PASS
3	5	19575	25	#0	QPSK		39.40	32.2	PASS
3	5	19575	25	#0	QPSK		38.69	29.2	PASS

3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		39.37	29.2	PASS
3	5	19575	25	#0	QPSK		40.10	32.2	PASS
3	5	19575	25	#0	QPSK		49.67	35.2	PASS
3	5	19575	8	#0	QAM16		52.44	35.2	PASS
3	5	19575	8	#0	QAM16		40.48	32.2	PASS
3	5	19575	8	#0	QAM16		38.18	29.2	PASS
3	5	19575	8	#0	QAM16		0.00	0	PASS
3	5	19575	8	#0	QAM16		46.09	29.2	PASS
3	5	19575	8	#0	QAM16		46.40	32.2	PASS
3	5	19575	8	#0	QAM16		52.90	35.2	PASS
3	5	19575	8	#Max	QAM16		52.65	35.2	PASS
3	5	19575	8	#Max	QAM16		46.00	32.2	PASS
3	5	19575	8	#Max	QAM16		45.70	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		39.00	29.2	PASS
3	5	19575	8	#Max	QAM16		41.24	32.2	PASS
3	5	19575	8	#Max	QAM16		52.89	35.2	PASS
3	5	19575	25	#0	QAM16		49.55	35.2	PASS
3	5	19575	25	#0	QAM16		38.95	32.2	PASS
3	5	19575	25	#0	QAM16		38.20	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		38.61	29.2	PASS
3	5	19575	25	#0	QAM16		39.38	32.2	PASS
3	5	19575	25	#0	QAM16		49.51	35.2	PASS
3	5	19925	8	#0	QPSK		53.34	35.2	PASS
3	5	19925	8	#0	QPSK		40.16	32.2	PASS
3	5	19925	8	#0	QPSK		38.58	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		46.41	29.2	PASS
3	5	19925	8	#0	QPSK		46.75	32.2	PASS
3	5	19925	8	#0	QPSK		53.87	35.2	PASS
3	5	19925	8	#Max	QPSK		53.51	35.2	PASS
3	5	19925	8	#Max	QPSK		45.27	32.2	PASS
3	5	19925	8	#Max	QPSK		45.00	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		39.33	32.2	PASS
3	5	19925	8	#Max	QPSK		53.77	35.2	PASS
3	5	19925	25	#0	QPSK		48.66	35.2	PASS
3	5	19925	25	#0	QPSK		40.12	32.2	PASS
3	5	19925	25	#0	QPSK		39.43	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS

3	5	19925	25	#0	QPSK		39.33	29.2	PASS
3	5	19925	25	#0	QPSK		40.02	32.2	PASS
3	5	19925	25	#0	QPSK		50.51	35.2	PASS
3	5	19925	8	#0	QAM16		52.54	35.2	PASS
3	5	19925	8	#0	QAM16		41.48	32.2	PASS
3	5	19925	8	#0	QAM16		39.55	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		46.56	29.2	PASS
3	5	19925	8	#0	QAM16		46.89	32.2	PASS
3	5	19925	8	#0	QAM16		52.93	35.2	PASS
3	5	19925	8	#Max	QAM16		52.51	35.2	PASS
3	5	19925	8	#Max	QAM16		45.73	32.2	PASS
3	5	19925	8	#Max	QAM16		45.43	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		38.84	29.2	PASS
3	5	19925	8	#Max	QAM16		41.16	32.2	PASS
3	5	19925	8	#Max	QAM16		52.75	35.2	PASS
3	5	19925	25	#0	QAM16		48.53	35.2	PASS
3	5	19925	25	#0	QAM16		39.41	32.2	PASS
3	5	19925	25	#0	QAM16		38.66	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		38.56	29.2	PASS
3	5	19925	25	#0	QAM16		39.35	32.2	PASS
3	5	19925	25	#0	QAM16		50.01	35.2	PASS
3	10	19250	12	#0	QPSK		53.68	35.2	PASS
3	10	19250	12	#0	QPSK		41.44	32.2	PASS
3	10	19250	12	#0	QPSK		40.84	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.72	29.2	PASS
3	10	19250	12	#0	QPSK		50.51	32.2	PASS
3	10	19250	12	#0	QPSK		49.64	35.2	PASS
3	10	19250	12	#Max	QPSK		48.82	35.2	PASS
3	10	19250	12	#Max	QPSK		48.83	32.2	PASS
3	10	19250	12	#Max	QPSK		44.33	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		43.73	29.2	PASS
3	10	19250	12	#Max	QPSK		44.58	32.2	PASS
3	10	19250	12	#Max	QPSK		54.24	35.2	PASS
3	10	19250	50	#0	QPSK		47.57	35.2	PASS
3	10	19250	50	#0	QPSK		43.28	32.2	PASS
3	10	19250	50	#0	QPSK		41.19	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		41.01	29.2	PASS

3	10	19250	50	#0	QPSK		44.21	32.2	PASS
3	10	19250	50	#0	QPSK		45.43	35.2	PASS
3	10	19250	12	#0	QAM16		52.71	35.2	PASS
3	10	19250	12	#0	QAM16		41.79	32.2	PASS
3	10	19250	12	#0	QAM16		41.05	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		45.55	29.2	PASS
3	10	19250	12	#0	QAM16		50.28	32.2	PASS
3	10	19250	12	#0	QAM16		49.45	35.2	PASS
3	10	19250	12	#Max	QAM16		48.98	35.2	PASS
3	10	19250	12	#Max	QAM16		48.82	32.2	PASS
3	10	19250	12	#Max	QAM16		44.48	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		43.25	29.2	PASS
3	10	19250	12	#Max	QAM16		44.17	32.2	PASS
3	10	19250	12	#Max	QAM16		53.28	35.2	PASS
3	10	19250	50	#0	QAM16		47.62	35.2	PASS
3	10	19250	50	#0	QAM16		42.02	32.2	PASS
3	10	19250	50	#0	QAM16		40.22	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		39.93	29.2	PASS
3	10	19250	50	#0	QAM16		42.42	32.2	PASS
3	10	19250	50	#0	QAM16		45.58	35.2	PASS
3	10	19575	12	#0	QPSK		53.10	35.2	PASS
3	10	19575	12	#0	QPSK		39.48	32.2	PASS
3	10	19575	12	#0	QPSK		38.95	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		45.36	29.2	PASS
3	10	19575	12	#0	QPSK		50.07	32.2	PASS
3	10	19575	12	#0	QPSK		49.18	35.2	PASS
3	10	19575	12	#Max	QPSK		48.97	35.2	PASS
3	10	19575	12	#Max	QPSK		49.65	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		40.20	29.2	PASS
3	10	19575	12	#Max	QPSK		40.77	32.2	PASS
3	10	19575	12	#Max	QPSK		53.69	35.2	PASS
3	10	19575	50	#0	QPSK		44.37	35.2	PASS
3	10	19575	50	#0	QPSK		41.11	32.2	PASS
3	10	19575	50	#0	QPSK		38.74	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		39.39	29.2	PASS
3	10	19575	50	#0	QPSK		42.27	32.2	PASS

3	10	19575	50	#0	QPSK		44.07	35.2	PASS
3	10	19575	12	#0	QAM16		52.21	35.2	PASS
3	10	19575	12	#0	QAM16		40.36	32.2	PASS
3	10	19575	12	#0	QAM16		39.65	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		45.36	29.2	PASS
3	10	19575	12	#0	QAM16		49.85	32.2	PASS
3	10	19575	12	#0	QAM16		49.40	35.2	PASS
3	10	19575	12	#Max	QAM16		48.97	35.2	PASS
3	10	19575	12	#Max	QAM16		49.84	32.2	PASS
3	10	19575	12	#Max	QAM16		45.10	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		40.59	29.2	PASS
3	10	19575	12	#Max	QAM16		41.41	32.2	PASS
3	10	19575	12	#Max	QAM16		52.77	35.2	PASS
3	10	19575	50	#0	QAM16		44.54	35.2	PASS
3	10	19575	50	#0	QAM16		40.41	32.2	PASS
3	10	19575	50	#0	QAM16		38.21	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		38.60	29.2	PASS
3	10	19575	50	#0	QAM16		40.97	32.2	PASS
3	10	19575	50	#0	QAM16		44.37	35.2	PASS
3	10	19900	12	#0	QPSK		52.98	35.2	PASS
3	10	19900	12	#0	QPSK		38.63	32.2	PASS
3	10	19900	12	#0	QPSK		38.13	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		46.73	29.2	PASS
3	10	19900	12	#0	QPSK		50.83	32.2	PASS
3	10	19900	12	#0	QPSK		51.07	35.2	PASS
3	10	19900	12	#Max	QPSK		47.86	35.2	PASS
3	10	19900	12	#Max	QPSK		48.75	32.2	PASS
3	10	19900	12	#Max	QPSK		43.93	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		39.31	29.2	PASS
3	10	19900	12	#Max	QPSK		39.82	32.2	PASS
3	10	19900	12	#Max	QPSK		53.81	35.2	PASS
3	10	19900	50	#0	QPSK		43.01	35.2	PASS
3	10	19900	50	#0	QPSK		42.30	32.2	PASS
3	10	19900	50	#0	QPSK		38.96	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		40.49	29.2	PASS
3	10	19900	50	#0	QPSK		42.68	32.2	PASS
3	10	19900	50	#0	QPSK		46.76	35.2	PASS

3	10	19900	12	#0	QAM16		52.18	35.2	PASS
3	10	19900	12	#0	QAM16		39.51	32.2	PASS
3	10	19900	12	#0	QAM16		38.90	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		46.22	29.2	PASS
3	10	19900	12	#0	QAM16		50.25	32.2	PASS
3	10	19900	12	#0	QAM16		50.55	35.2	PASS
3	10	19900	12	#Max	QAM16		47.98	35.2	PASS
3	10	19900	12	#Max	QAM16		48.75	32.2	PASS
3	10	19900	12	#Max	QAM16		44.03	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		40.17	29.2	PASS
3	10	19900	12	#Max	QAM16		40.85	32.2	PASS
3	10	19900	12	#Max	QAM16		52.87	35.2	PASS
3	10	19900	50	#0	QAM16		43.18	35.2	PASS
3	10	19900	50	#0	QAM16		39.95	32.2	PASS
3	10	19900	50	#0	QAM16		37.53	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		39.16	29.2	PASS
3	10	19900	50	#0	QAM16		40.99	32.2	PASS
3	10	19900	50	#0	QAM16		46.39	35.2	PASS
3	20	19300	18	#0	QPSK		51.85	35.2	PASS
3	20	19300	18	#0	QPSK		42.31	32.2	PASS
3	20	19300	18	#0	QPSK		41.70	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		43.20	29.2	PASS
3	20	19300	18	#0	QPSK		52.71	32.2	PASS
3	20	19300	18	#0	QPSK		51.52	35.2	PASS
3	20	19300	18	#Max	QPSK		51.82	35.2	PASS
3	20	19300	18	#Max	QPSK		52.31	32.2	PASS
3	20	19300	18	#Max	QPSK		45.89	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		42.67	29.2	PASS
3	20	19300	18	#Max	QPSK		43.41	32.2	PASS
3	20	19300	18	#Max	QPSK		52.52	35.2	PASS
3	20	19300	100	#0	QPSK		48.33	35.2	PASS
3	20	19300	100	#0	QPSK		44.91	32.2	PASS
3	20	19300	100	#0	QPSK		41.85	29.2	PASS
3	20	19300	100	#0	QPSK		0.00	0	PASS
3	20	19300	100	#0	QPSK		39.15	29.2	PASS
3	20	19300	100	#0	QPSK		44.84	32.2	PASS
3	20	19300	100	#0	QPSK		45.86	35.2	PASS
3	20	19300	18	#0	QAM16		50.80	35.2	PASS

3	20	19300	18	#0	QAM16		42.26	32.2	PASS
3	20	19300	18	#0	QAM16		41.52	29.2	PASS
3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		42.81	29.2	PASS
3	20	19300	18	#0	QAM16		51.75	32.2	PASS
3	20	19300	18	#0	QAM16		51.01	35.2	PASS
3	20	19300	18	#Max	QAM16		50.94	35.2	PASS
3	20	19300	18	#Max	QAM16		51.33	32.2	PASS
3	20	19300	18	#Max	QAM16		44.95	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		42.24	29.2	PASS
3	20	19300	18	#Max	QAM16		43.16	32.2	PASS
3	20	19300	18	#Max	QAM16		51.71	35.2	PASS
3	20	19300	100	#0	QAM16		47.00	35.2	PASS
3	20	19300	100	#0	QAM16		43.59	32.2	PASS
3	20	19300	100	#0	QAM16		40.63	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		38.30	29.2	PASS
3	20	19300	100	#0	QAM16		43.60	32.2	PASS
3	20	19300	100	#0	QAM16		44.53	35.2	PASS
3	20	19575	18	#0	QPSK		52.09	35.2	PASS
3	20	19575	18	#0	QPSK		40.40	32.2	PASS
3	20	19575	18	#0	QPSK		40.84	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		43.62	29.2	PASS
3	20	19575	18	#0	QPSK		53.18	32.2	PASS
3	20	19575	18	#0	QPSK		51.92	35.2	PASS
3	20	19575	18	#Max	QPSK		51.75	35.2	PASS
3	20	19575	18	#Max	QPSK		52.79	32.2	PASS
3	20	19575	18	#Max	QPSK		44.80	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		41.30	29.2	PASS
3	20	19575	18	#Max	QPSK		41.57	32.2	PASS
3	20	19575	18	#Max	QPSK		53.01	35.2	PASS
3	20	19575	100	#0	QPSK		45.13	35.2	PASS
3	20	19575	100	#0	QPSK		43.47	32.2	PASS
3	20	19575	100	#0	QPSK		38.66	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		38.96	29.2	PASS
3	20	19575	100	#0	QPSK		44.72	32.2	PASS
3	20	19575	100	#0	QPSK		46.05	35.2	PASS
3	20	19575	18	#0	QAM16		51.13	35.2	PASS
3	20	19575	18	#0	QAM16		40.73	32.2	PASS

3	20	19575	18	#0	QAM16		40.92	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		52.17	32.2	PASS
3	20	19575	18	#0	QAM16		51.53	35.2	PASS
3	20	19575	18	#Max	QAM16		51.08	35.2	PASS
3	20	19575	18	#Max	QAM16		51.82	32.2	PASS
3	20	19575	18	#Max	QAM16		44.32	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		41.37	29.2	PASS
3	20	19575	18	#Max	QAM16		41.61	32.2	PASS
3	20	19575	18	#Max	QAM16		52.13	35.2	PASS
3	20	19575	100	#0	QAM16		44.18	35.2	PASS
3	20	19575	100	#0	QAM16		42.46	32.2	PASS
3	20	19575	100	#0	QAM16		38.02	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		38.09	29.2	PASS
3	20	19575	100	#0	QAM16		43.31	32.2	PASS
3	20	19575	100	#0	QAM16		44.50	35.2	PASS
3	20	19850	18	#0	QPSK		52.09	35.2	PASS
3	20	19850	18	#0	QPSK		40.68	32.2	PASS
3	20	19850	18	#0	QPSK		40.77	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		46.91	29.2	PASS
3	20	19850	18	#0	QPSK		53.37	32.2	PASS
3	20	19850	18	#0	QPSK		53.45	35.2	PASS
3	20	19850	18	#Max	QPSK		51.37	35.2	PASS
3	20	19850	18	#Max	QPSK		52.53	32.2	PASS
3	20	19850	18	#Max	QPSK		43.80	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		41.21	29.2	PASS
3	20	19850	18	#Max	QPSK		41.29	32.2	PASS
3	20	19850	18	#Max	QPSK		53.25	35.2	PASS
3	20	19850	100	#0	QPSK		44.68	35.2	PASS
3	20	19850	100	#0	QPSK		43.35	32.2	PASS
3	20	19850	100	#0	QPSK		37.63	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		42.22	29.2	PASS
3	20	19850	100	#0	QPSK		45.37	32.2	PASS
3	20	19850	100	#0	QPSK		48.54	35.2	PASS
3	20	19850	18	#0	QAM16		51.08	35.2	PASS
3	20	19850	18	#0	QAM16		40.66	32.2	PASS
3	20	19850	18	#0	QAM16		40.66	29.2	PASS

3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		45.79	29.2	PASS
3	20	19850	18	#0	QAM16		52.30	32.2	PASS
3	20	19850	18	#0	QAM16		52.31	35.2	PASS
3	20	19850	18	#Max	QAM16		50.64	35.2	PASS
3	20	19850	18	#Max	QAM16		51.56	32.2	PASS
3	20	19850	18	#Max	QAM16		43.49	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		41.17	29.2	PASS
3	20	19850	18	#Max	QAM16		41.28	32.2	PASS
3	20	19850	18	#Max	QAM16		52.27	35.2	PASS
3	20	19850	100	#0	QAM16		43.49	35.2	PASS
3	20	19850	100	#0	QAM16		42.05	32.2	PASS
3	20	19850	100	#0	QAM16		37.07	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		40.73	29.2	PASS
3	20	19850	100	#0	QAM16		43.83	32.2	PASS
3	20	19850	100	#0	QAM16		46.86	35.2	PASS
7	5	20775	8	#0	QPSK		52.29	35.2	PASS
7	5	20775	8	#0	QPSK		41.10	32.2	PASS
7	5	20775	8	#0	QPSK		39.17	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		45.94	29.2	PASS
7	5	20775	8	#0	QPSK		46.42	32.2	PASS
7	5	20775	8	#0	QPSK		52.88	35.2	PASS
7	5	20775	8	#Max	QPSK		52.57	35.2	PASS
7	5	20775	8	#Max	QPSK		47.35	32.2	PASS
7	5	20775	8	#Max	QPSK		46.83	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		38.76	29.2	PASS
7	5	20775	8	#Max	QPSK		40.72	32.2	PASS
7	5	20775	8	#Max	QPSK		52.64	35.2	PASS
7	5	20775	25	#0	QPSK		48.15	35.2	PASS
7	5	20775	25	#0	QPSK		40.93	32.2	PASS
7	5	20775	25	#0	QPSK		40.22	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		39.89	29.2	PASS
7	5	20775	25	#0	QPSK		40.60	32.2	PASS
7	5	20775	25	#0	QPSK		47.45	35.2	PASS
7	5	20775	8	#0	QAM16		51.45	35.2	PASS
7	5	20775	8	#0	QAM16		41.49	32.2	PASS
7	5	20775	8	#0	QAM16		39.76	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS

7	5	20775	8	#0	QAM16		46.63	29.2	PASS
7	5	20775	8	#0	QAM16		47.13	32.2	PASS
7	5	20775	8	#0	QAM16		51.94	35.2	PASS
7	5	20775	8	#Max	QAM16		51.55	35.2	PASS
7	5	20775	8	#Max	QAM16		47.49	32.2	PASS
7	5	20775	8	#Max	QAM16		46.98	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		39.53	29.2	PASS
7	5	20775	8	#Max	QAM16		41.13	32.2	PASS
7	5	20775	8	#Max	QAM16		51.77	35.2	PASS
7	5	20775	25	#0	QAM16		47.71	35.2	PASS
7	5	20775	25	#0	QAM16		40.71	32.2	PASS
7	5	20775	25	#0	QAM16		39.96	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		39.49	29.2	PASS
7	5	20775	25	#0	QAM16		40.21	32.2	PASS
7	5	20775	25	#0	QAM16		47.04	35.2	PASS
7	5	21100	8	#0	QPSK		53.36	35.2	PASS
7	5	21100	8	#0	QPSK		37.95	32.2	PASS
7	5	21100	8	#0	QPSK		35.56	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		47.37	29.2	PASS
7	5	21100	8	#0	QPSK		47.83	32.2	PASS
7	5	21100	8	#0	QPSK		54.36	35.2	PASS
7	5	21100	8	#Max	QPSK		53.90	35.2	PASS
7	5	21100	8	#Max	QPSK		46.97	32.2	PASS
7	5	21100	8	#Max	QPSK		46.49	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		36.06	29.2	PASS
7	5	21100	8	#Max	QPSK		38.49	32.2	PASS
7	5	21100	8	#Max	QPSK		53.82	35.2	PASS
7	5	21100	25	#0	QPSK		47.28	35.2	PASS
7	5	21100	25	#0	QPSK		38.72	32.2	PASS
7	5	21100	25	#0	QPSK		38.09	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		38.95	29.2	PASS
7	5	21100	25	#0	QPSK		39.65	32.2	PASS
7	5	21100	25	#0	QPSK		48.12	35.2	PASS
7	5	21100	8	#0	QAM16		52.55	35.2	PASS
7	5	21100	8	#0	QAM16		38.78	32.2	PASS
7	5	21100	8	#0	QAM16		36.70	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		47.47	29.2	PASS

7	5	21100	8	#0	QAM16		47.96	32.2	PASS
7	5	21100	8	#0	QAM16		53.32	35.2	PASS
7	5	21100	8	#Max	QAM16		52.81	35.2	PASS
7	5	21100	8	#Max	QAM16		47.22	32.2	PASS
7	5	21100	8	#Max	QAM16		46.74	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		37.13	29.2	PASS
7	5	21100	8	#Max	QAM16		39.28	32.2	PASS
7	5	21100	8	#Max	QAM16		52.99	35.2	PASS
7	5	21100	25	#0	QAM16		47.05	35.2	PASS
7	5	21100	25	#0	QAM16		38.49	32.2	PASS
7	5	21100	25	#0	QAM16		37.77	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		38.33	29.2	PASS
7	5	21100	25	#0	QAM16		39.10	32.2	PASS
7	5	21100	25	#0	QAM16		47.68	35.2	PASS
7	5	21425	8	#0	QPSK		53.15	35.2	PASS
7	5	21425	8	#0	QPSK		36.50	32.2	PASS
7	5	21425	8	#0	QPSK		33.46	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		46.79	29.2	PASS
7	5	21425	8	#0	QPSK		47.26	32.2	PASS
7	5	21425	8	#0	QPSK		54.58	35.2	PASS
7	5	21425	8	#Max	QPSK		53.99	35.2	PASS
7	5	21425	8	#Max	QPSK		46.42	32.2	PASS
7	5	21425	8	#Max	QPSK		45.95	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		33.88	29.2	PASS
7	5	21425	8	#Max	QPSK		37.09	32.2	PASS
7	5	21425	8	#Max	QPSK		53.76	35.2	PASS
7	5	21425	25	#0	QPSK		47.48	35.2	PASS
7	5	21425	25	#0	QPSK		36.33	32.2	PASS
7	5	21425	25	#0	QPSK		35.54	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		36.93	29.2	PASS
7	5	21425	25	#0	QPSK		37.76	32.2	PASS
7	5	21425	25	#0	QPSK		48.80	35.2	PASS
7	5	21425	8	#0	QAM16		52.77	35.2	PASS
7	5	21425	8	#0	QAM16		38.61	32.2	PASS
7	5	21425	8	#0	QAM16		36.07	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		47.22	29.2	PASS
7	5	21425	8	#0	QAM16		47.64	32.2	PASS

7	5	21425	8	#0	QAM16		53.59	35.2	PASS
7	5	21425	8	#Max	QAM16		53.10	35.2	PASS
7	5	21425	8	#Max	QAM16		46.32	32.2	PASS
7	5	21425	8	#Max	QAM16		45.93	29.2	PASS
7	5	21425	8	#Max	QAM16		0.00	0	PASS
7	5	21425	8	#Max	QAM16		36.63	29.2	PASS
7	5	21425	8	#Max	QAM16		39.28	32.2	PASS
7	5	21425	8	#Max	QAM16		53.11	35.2	PASS
7	5	21425	25	#0	QAM16		47.01	35.2	PASS
7	5	21425	25	#0	QAM16		37.50	32.2	PASS
7	5	21425	25	#0	QAM16		36.72	29.2	PASS
7	5	21425	25	#0	QAM16		0.00	0	PASS
7	5	21425	25	#0	QAM16		37.80	29.2	PASS
7	5	21425	25	#0	QAM16		38.60	32.2	PASS
7	5	21425	25	#0	QAM16		48.27	35.2	PASS
7	10	20800	12	#0	QPSK		52.22	35.2	PASS
7	10	20800	12	#0	QPSK		40.71	32.2	PASS
7	10	20800	12	#0	QPSK		40.00	29.2	PASS
7	10	20800	12	#0	QPSK		0.00	0	PASS
7	10	20800	12	#0	QPSK		45.72	29.2	PASS
7	10	20800	12	#0	QPSK		50.27	32.2	PASS
7	10	20800	12	#0	QPSK		49.58	35.2	PASS
7	10	20800	12	#Max	QPSK		50.43	35.2	PASS
7	10	20800	12	#Max	QPSK		50.68	32.2	PASS
7	10	20800	12	#Max	QPSK		46.42	29.2	PASS
7	10	20800	12	#Max	QPSK		0.00	0	PASS
7	10	20800	12	#Max	QPSK		40.21	29.2	PASS
7	10	20800	12	#Max	QPSK		40.97	32.2	PASS
7	10	20800	12	#Max	QPSK		52.23	35.2	PASS
7	10	20800	50	#0	QPSK		45.97	35.2	PASS
7	10	20800	50	#0	QPSK		43.05	32.2	PASS
7	10	20800	50	#0	QPSK		40.60	29.2	PASS
7	10	20800	50	#0	QPSK		0.00	0	PASS
7	10	20800	50	#0	QPSK		39.95	29.2	PASS
7	10	20800	50	#0	QPSK		42.89	32.2	PASS
7	10	20800	50	#0	QPSK		44.47	35.2	PASS
7	10	20800	12	#0	QAM16		51.54	35.2	PASS
7	10	20800	12	#0	QAM16		41.37	32.2	PASS
7	10	20800	12	#0	QAM16		40.53	29.2	PASS
7	10	20800	12	#0	QAM16		0.00	0	PASS
7	10	20800	12	#0	QAM16		45.53	29.2	PASS
7	10	20800	12	#0	QAM16		49.90	32.2	PASS
7	10	20800	12	#0	QAM16		49.60	35.2	PASS

7	10	20800	12	#Max	QAM16		50.11	35.2	PASS
7	10	20800	12	#Max	QAM16		50.53	32.2	PASS
7	10	20800	12	#Max	QAM16		46.24	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		40.30	29.2	PASS
7	10	20800	12	#Max	QAM16		41.24	32.2	PASS
7	10	20800	12	#Max	QAM16		51.75	35.2	PASS
7	10	20800	50	#0	QAM16		45.36	35.2	PASS
7	10	20800	50	#0	QAM16		42.22	32.2	PASS
7	10	20800	50	#0	QAM16		39.75	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		39.03	29.2	PASS
7	10	20800	50	#0	QAM16		41.76	32.2	PASS
7	10	20800	50	#0	QAM16		44.05	35.2	PASS
7	10	21100	12	#0	QPSK		52.06	35.2	PASS
7	10	21100	12	#0	QPSK		37.86	32.2	PASS
7	10	21100	12	#0	QPSK		37.27	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		46.80	29.2	PASS
7	10	21100	12	#0	QPSK		51.17	32.2	PASS
7	10	21100	12	#0	QPSK		50.78	35.2	PASS
7	10	21100	12	#Max	QPSK		49.68	35.2	PASS
7	10	21100	12	#Max	QPSK		50.16	32.2	PASS
7	10	21100	12	#Max	QPSK		45.69	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		38.44	29.2	PASS
7	10	21100	12	#Max	QPSK		39.02	32.2	PASS
7	10	21100	12	#Max	QPSK		52.70	35.2	PASS
7	10	21100	50	#0	QPSK		42.98	35.2	PASS
7	10	21100	50	#0	QPSK		40.84	32.2	PASS
7	10	21100	50	#0	QPSK		38.11	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		39.69	29.2	PASS
7	10	21100	50	#0	QPSK		42.59	32.2	PASS
7	10	21100	50	#0	QPSK		44.21	35.2	PASS
7	10	21100	12	#0	QAM16		51.66	35.2	PASS
7	10	21100	12	#0	QAM16		39.08	32.2	PASS
7	10	21100	12	#0	QAM16		38.42	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		46.71	29.2	PASS
7	10	21100	12	#0	QAM16		50.89	32.2	PASS
7	10	21100	12	#0	QAM16		50.70	35.2	PASS
7	10	21100	12	#Max	QAM16		49.68	35.2	PASS

7	10	21100	12	#Max	QAM16		50.17	32.2	PASS
7	10	21100	12	#Max	QAM16		45.77	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		39.41	29.2	PASS
7	10	21100	12	#Max	QAM16		40.04	32.2	PASS
7	10	21100	12	#Max	QAM16		52.16	35.2	PASS
7	10	21100	50	#0	QAM16		43.01	35.2	PASS
7	10	21100	50	#0	QAM16		39.68	32.2	PASS
7	10	21100	50	#0	QAM16		37.31	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		38.62	29.2	PASS
7	10	21100	50	#0	QAM16		41.01	32.2	PASS
7	10	21100	50	#0	QAM16		44.18	35.2	PASS
7	10	21400	12	#0	QPSK		52.00	35.2	PASS
7	10	21400	12	#0	QPSK		37.20	32.2	PASS
7	10	21400	12	#0	QPSK		36.63	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		46.60	29.2	PASS
7	10	21400	12	#0	QPSK		50.92	32.2	PASS
7	10	21400	12	#0	QPSK		50.71	35.2	PASS
7	10	21400	12	#Max	QPSK		49.29	35.2	PASS
7	10	21400	12	#Max	QPSK		50.03	32.2	PASS
7	10	21400	12	#Max	QPSK		45.40	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		36.60	29.2	PASS
7	10	21400	12	#Max	QPSK		37.22	32.2	PASS
7	10	21400	12	#Max	QPSK		52.78	35.2	PASS
7	10	21400	50	#0	QPSK		42.29	35.2	PASS
7	10	21400	50	#0	QPSK		37.54	32.2	PASS
7	10	21400	50	#0	QPSK		35.63	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		37.81	29.2	PASS
7	10	21400	50	#0	QPSK		39.66	32.2	PASS
7	10	21400	50	#0	QPSK		44.31	35.2	PASS
7	10	21400	12	#0	QAM16		51.57	35.2	PASS
7	10	21400	12	#0	QAM16		38.90	32.2	PASS
7	10	21400	12	#0	QAM16		38.21	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		46.47	29.2	PASS
7	10	21400	12	#0	QAM16		50.71	32.2	PASS
7	10	21400	12	#0	QAM16		50.51	35.2	PASS
7	10	21400	12	#Max	QAM16		49.29	35.2	PASS
7	10	21400	12	#Max	QAM16		49.86	32.2	PASS

7	10	21400	12	#Max	QAM16		45.38	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		38.08	29.2	PASS
7	10	21400	12	#Max	QAM16		38.80	32.2	PASS
7	10	21400	12	#Max	QAM16		52.25	35.2	PASS
7	10	21400	50	#0	QAM16		43.19	35.2	PASS
7	10	21400	50	#0	QAM16		38.54	32.2	PASS
7	10	21400	50	#0	QAM16		36.57	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		38.44	29.2	PASS
7	10	21400	50	#0	QAM16		40.39	32.2	PASS
7	10	21400	50	#0	QAM16		44.87	35.2	PASS
7	20	20850	18	#0	QPSK		50.25	35.2	PASS
7	20	20850	18	#0	QPSK		41.81	32.2	PASS
7	20	20850	18	#0	QPSK		41.19	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		43.56	29.2	PASS
7	20	20850	18	#0	QPSK		52.26	32.2	PASS
7	20	20850	18	#0	QPSK		51.50	35.2	PASS
7	20	20850	18	#Max	QPSK		51.22	35.2	PASS
7	20	20850	18	#Max	QPSK		52.00	32.2	PASS
7	20	20850	18	#Max	QPSK		44.74	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		40.79	29.2	PASS
7	20	20850	18	#Max	QPSK		41.22	32.2	PASS
7	20	20850	18	#Max	QPSK		50.43	35.2	PASS
7	20	20850	100	#0	QPSK		46.54	35.2	PASS
7	20	20850	100	#0	QPSK		44.76	32.2	PASS
7	20	20850	100	#0	QPSK		40.28	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		38.50	29.2	PASS
7	20	20850	100	#0	QPSK		43.94	32.2	PASS
7	20	20850	100	#0	QPSK		44.95	35.2	PASS
7	20	20850	18	#0	QAM16		49.34	35.2	PASS
7	20	20850	18	#0	QAM16		41.60	32.2	PASS
7	20	20850	18	#0	QAM16		40.69	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		43.40	29.2	PASS
7	20	20850	18	#0	QAM16		51.21	32.2	PASS
7	20	20850	18	#0	QAM16		50.95	35.2	PASS
7	20	20850	18	#Max	QAM16		50.31	35.2	PASS
7	20	20850	18	#Max	QAM16		50.97	32.2	PASS
7	20	20850	18	#Max	QAM16		43.93	29.2	PASS

7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		40.33	29.2	PASS
7	20	20850	18	#Max	QAM16		41.04	32.2	PASS
7	20	20850	18	#Max	QAM16		49.75	35.2	PASS
7	20	20850	100	#0	QAM16		45.43	35.2	PASS
7	20	20850	100	#0	QAM16		43.73	32.2	PASS
7	20	20850	100	#0	QAM16		39.39	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		38.03	29.2	PASS
7	20	20850	100	#0	QAM16		43.41	32.2	PASS
7	20	20850	100	#0	QAM16		44.14	35.2	PASS
7	20	21100	18	#0	QPSK		50.85	35.2	PASS
7	20	21100	18	#0	QPSK		39.25	32.2	PASS
7	20	21100	18	#0	QPSK		39.71	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		45.11	29.2	PASS
7	20	21100	18	#0	QPSK		53.65	32.2	PASS
7	20	21100	18	#0	QPSK		53.07	35.2	PASS
7	20	21100	18	#Max	QPSK		52.05	35.2	PASS
7	20	21100	18	#Max	QPSK		52.96	32.2	PASS
7	20	21100	18	#Max	QPSK		44.89	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		40.34	29.2	PASS
7	20	21100	18	#Max	QPSK		39.88	32.2	PASS
7	20	21100	18	#Max	QPSK		51.47	35.2	PASS
7	20	21100	100	#0	QPSK		43.98	35.2	PASS
7	20	21100	100	#0	QPSK		42.55	32.2	PASS
7	20	21100	100	#0	QPSK		37.54	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		39.36	29.2	PASS
7	20	21100	100	#0	QPSK		44.80	32.2	PASS
7	20	21100	100	#0	QPSK		46.08	35.2	PASS
7	20	21100	18	#0	QAM16		50.14	35.2	PASS
7	20	21100	18	#0	QAM16		39.96	32.2	PASS
7	20	21100	18	#0	QAM16		39.88	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		44.70	29.2	PASS
7	20	21100	18	#0	QAM16		52.67	32.2	PASS
7	20	21100	18	#0	QAM16		52.41	35.2	PASS
7	20	21100	18	#Max	QAM16		51.31	35.2	PASS
7	20	21100	18	#Max	QAM16		52.00	32.2	PASS
7	20	21100	18	#Max	QAM16		44.43	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		40.81	32.2	PASS
7	20	21100	18	#Max	QAM16		51.04	35.2	PASS
7	20	21100	100	#0	QAM16		43.71	35.2	PASS
7	20	21100	100	#0	QAM16		42.47	32.2	PASS
7	20	21100	100	#0	QAM16		37.61	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		44.08	32.2	PASS
7	20	21100	100	#0	QAM16		45.07	35.2	PASS
7	20	21350	18	#0	QPSK		50.51	35.2	PASS
7	20	21350	18	#0	QPSK		39.63	32.2	PASS
7	20	21350	18	#0	QPSK		40.10	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		45.53	29.2	PASS
7	20	21350	18	#0	QPSK		53.70	32.2	PASS
7	20	21350	18	#0	QPSK		53.19	35.2	PASS
7	20	21350	18	#Max	QPSK		51.93	35.2	PASS
7	20	21350	18	#Max	QPSK		53.11	32.2	PASS
7	20	21350	18	#Max	QPSK		44.62	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		39.56	29.2	PASS
7	20	21350	18	#Max	QPSK		38.39	32.2	PASS
7	20	21350	18	#Max	QPSK		52.00	35.2	PASS
7	20	21350	100	#0	QPSK		42.63	35.2	PASS
7	20	21350	100	#0	QPSK		41.20	32.2	PASS
7	20	21350	100	#0	QPSK		36.36	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		39.42	29.2	PASS
7	20	21350	100	#0	QPSK		43.48	32.2	PASS
7	20	21350	100	#0	QPSK		45.72	35.2	PASS
7	20	21350	18	#0	QAM16		49.72	35.2	PASS
7	20	21350	18	#0	QAM16		40.36	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		45.10	29.2	PASS
7	20	21350	18	#0	QAM16		52.76	32.2	PASS
7	20	21350	18	#0	QAM16		52.55	35.2	PASS
7	20	21350	18	#Max	QAM16		51.16	35.2	PASS
7	20	21350	18	#Max	QAM16		52.14	32.2	PASS
7	20	21350	18	#Max	QAM16		44.11	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		40.27	29.2	PASS

7	20	21350	18	#Max	QAM16		39.85	32.2	PASS
7	20	21350	18	#Max	QAM16		51.26	35.2	PASS
7	20	21350	100	#0	QAM16		42.93	35.2	PASS
7	20	21350	100	#0	QAM16		41.71	32.2	PASS
7	20	21350	100	#0	QAM16		36.76	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		39.44	29.2	PASS
7	20	21350	100	#0	QAM16		43.66	32.2	PASS
7	20	21350	100	#0	QAM16		45.61	35.2	PASS
8	1.4	21457	5	#0	QPSK		45.92	32.2	PASS
8	1.4	21457	5	#0	QPSK		40.07	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		42.72	29.2	PASS
8	1.4	21457	5	#0	QPSK		48.31	32.2	PASS
8	1.4	21457	5	#Max	QPSK		48.33	32.2	PASS
8	1.4	21457	5	#Max	QPSK		42.79	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		39.43	29.2	PASS
8	1.4	21457	5	#Max	QPSK		45.63	32.2	PASS
8	1.4	21457	6	#0	QPSK		46.97	32.2	PASS
8	1.4	21457	6	#0	QPSK		44.10	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		43.17	29.2	PASS
8	1.4	21457	6	#0	QPSK		46.43	32.2	PASS
8	1.4	21457	5	#0	QAM16		47.67	32.2	PASS
8	1.4	21457	5	#0	QAM16		43.31	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		45.03	29.2	PASS
8	1.4	21457	5	#0	QAM16		48.87	32.2	PASS
8	1.4	21457	5	#Max	QAM16		49.24	32.2	PASS
8	1.4	21457	5	#Max	QAM16		45.96	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		42.55	29.2	PASS
8	1.4	21457	5	#Max	QAM16		47.23	32.2	PASS
8	1.4	21457	6	#0	QAM16		47.64	32.2	PASS
8	1.4	21457	6	#0	QAM16		46.43	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		45.33	29.2	PASS
8	1.4	21457	6	#0	QAM16		47.28	32.2	PASS
8	1.4	21625	5	#0	QPSK		49.88	32.2	PASS
8	1.4	21625	5	#0	QPSK		50.77	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		49.90	29.2	PASS

8	1.4	21625	5	#0	QPSK		49.78	32.2	PASS
8	1.4	21625	5	#Max	QPSK		50.31	32.2	PASS
8	1.4	21625	5	#Max	QPSK		51.12	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		49.47	29.2	PASS
8	1.4	21625	5	#Max	QPSK		49.41	32.2	PASS
8	1.4	21625	6	#0	QPSK		49.78	32.2	PASS
8	1.4	21625	6	#0	QPSK		52.23	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		50.50	29.2	PASS
8	1.4	21625	6	#0	QPSK		49.37	32.2	PASS
8	1.4	21625	5	#0	QAM16		49.54	32.2	PASS
8	1.4	21625	5	#0	QAM16		50.40	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		49.96	29.2	PASS
8	1.4	21625	5	#0	QAM16		49.59	32.2	PASS
8	1.4	21625	5	#Max	QAM16		49.88	32.2	PASS
8	1.4	21625	5	#Max	QAM16		50.71	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		49.42	29.2	PASS
8	1.4	21625	5	#Max	QAM16		49.19	32.2	PASS
8	1.4	21625	6	#0	QAM16		48.57	32.2	PASS
8	1.4	21625	6	#0	QAM16		50.56	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		49.53	29.2	PASS
8	1.4	21625	6	#0	QAM16		48.16	32.2	PASS
8	1.4	21793	5	#0	QPSK		48.05	32.2	PASS
8	1.4	21793	5	#0	QPSK		44.69	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		45.45	29.2	PASS
8	1.4	21793	5	#0	QPSK		49.40	32.2	PASS
8	1.4	21793	5	#Max	QPSK		49.30	32.2	PASS
8	1.4	21793	5	#Max	QPSK		46.03	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		42.59	29.2	PASS
8	1.4	21793	5	#Max	QPSK		47.56	32.2	PASS
8	1.4	21793	6	#0	QPSK		49.27	32.2	PASS
8	1.4	21793	6	#0	QPSK		49.51	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		46.58	29.2	PASS
8	1.4	21793	6	#0	QPSK		48.56	32.2	PASS
8	1.4	21793	5	#0	QAM16		48.34	32.2	PASS
8	1.4	21793	5	#0	QAM16		45.62	29.2	PASS

8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		46.35	29.2	PASS
8	1.4	21793	5	#0	QAM16		49.51	32.2	PASS
8	1.4	21793	5	#Max	QAM16		49.52	32.2	PASS
8	1.4	21793	5	#Max	QAM16		47.25	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		43.88	29.2	PASS
8	1.4	21793	5	#Max	QAM16		48.03	32.2	PASS
8	1.4	21793	6	#0	QAM16		49.10	32.2	PASS
8	1.4	21793	6	#0	QAM16		50.44	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		48.12	29.2	PASS
8	1.4	21793	6	#0	QAM16		48.83	32.2	PASS
8	5	21475	8	#0	QPSK		52.95	35.2	PASS
8	5	21475	8	#0	QPSK		44.36	32.2	PASS
8	5	21475	8	#0	QPSK		41.61	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.01	29.2	PASS
8	5	21475	8	#0	QPSK		50.58	32.2	PASS
8	5	21475	8	#0	QPSK		53.28	35.2	PASS
8	5	21475	8	#Max	QPSK		52.95	35.2	PASS
8	5	21475	8	#Max	QPSK		49.88	32.2	PASS
8	5	21475	8	#Max	QPSK		49.36	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		40.71	29.2	PASS
8	5	21475	8	#Max	QPSK		43.71	32.2	PASS
8	5	21475	8	#Max	QPSK		53.08	35.2	PASS
8	5	21475	25	#0	QPSK		51.93	35.2	PASS
8	5	21475	25	#0	QPSK		43.58	32.2	PASS
8	5	21475	25	#0	QPSK		42.67	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		42.74	29.2	PASS
8	5	21475	25	#0	QPSK		43.65	32.2	PASS
8	5	21475	25	#0	QPSK		51.82	35.2	PASS
8	5	21475	8	#0	QAM16		52.01	35.2	PASS
8	5	21475	8	#0	QAM16		46.50	32.2	PASS
8	5	21475	8	#0	QAM16		43.76	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		49.58	29.2	PASS
8	5	21475	8	#0	QAM16		50.20	32.2	PASS
8	5	21475	8	#0	QAM16		52.33	35.2	PASS
8	5	21475	8	#Max	QAM16		52.05	35.2	PASS
8	5	21475	8	#Max	QAM16		49.71	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		43.47	29.2	PASS
8	5	21475	8	#Max	QAM16		46.19	32.2	PASS
8	5	21475	8	#Max	QAM16		52.20	35.2	PASS
8	5	21475	25	#0	QAM16		50.99	35.2	PASS
8	5	21475	25	#0	QAM16		45.45	32.2	PASS
8	5	21475	25	#0	QAM16		44.38	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		44.58	29.2	PASS
8	5	21475	25	#0	QAM16		45.52	32.2	PASS
8	5	21475	25	#0	QAM16		51.04	35.2	PASS
8	5	21625	8	#0	QPSK		53.90	35.2	PASS
8	5	21625	8	#0	QPSK		49.65	32.2	PASS
8	5	21625	8	#0	QPSK		47.54	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		47.71	29.2	PASS
8	5	21625	8	#0	QPSK		48.08	32.2	PASS
8	5	21625	8	#0	QPSK		54.53	35.2	PASS
8	5	21625	8	#Max	QPSK		54.32	35.2	PASS
8	5	21625	8	#Max	QPSK		50.32	32.2	PASS
8	5	21625	8	#Max	QPSK		49.82	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		46.91	29.2	PASS
8	5	21625	8	#Max	QPSK		49.40	32.2	PASS
8	5	21625	8	#Max	QPSK		54.36	35.2	PASS
8	5	21625	25	#0	QPSK		52.33	35.2	PASS
8	5	21625	25	#0	QPSK		48.48	32.2	PASS
8	5	21625	25	#0	QPSK		47.56	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		48.14	29.2	PASS
8	5	21625	25	#0	QPSK		49.40	32.2	PASS
8	5	21625	25	#0	QPSK		52.58	35.2	PASS
8	5	21625	8	#0	QAM16		52.96	35.2	PASS
8	5	21625	8	#0	QAM16		49.42	32.2	PASS
8	5	21625	8	#0	QAM16		47.51	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		47.67	29.2	PASS
8	5	21625	8	#0	QAM16		48.09	32.2	PASS
8	5	21625	8	#0	QAM16		53.54	35.2	PASS
8	5	21625	8	#Max	QAM16		53.33	35.2	PASS
8	5	21625	8	#Max	QAM16		50.09	32.2	PASS
8	5	21625	8	#Max	QAM16		49.56	29.2	PASS

8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		47.61	29.2	PASS
8	5	21625	8	#Max	QAM16		49.28	32.2	PASS
8	5	21625	8	#Max	QAM16		53.49	35.2	PASS
8	5	21625	25	#0	QAM16		51.22	35.2	PASS
8	5	21625	25	#0	QAM16		48.14	32.2	PASS
8	5	21625	25	#0	QAM16		47.11	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		47.76	29.2	PASS
8	5	21625	25	#0	QAM16		48.72	32.2	PASS
8	5	21625	25	#0	QAM16		51.48	35.2	PASS
8	5	21775	8	#0	QPSK		52.94	35.2	PASS
8	5	21775	8	#0	QPSK		46.25	32.2	PASS
8	5	21775	8	#0	QPSK		43.62	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		48.09	29.2	PASS
8	5	21775	8	#0	QPSK		48.47	32.2	PASS
8	5	21775	8	#0	QPSK		53.89	35.2	PASS
8	5	21775	8	#Max	QPSK		53.36	35.2	PASS
8	5	21775	8	#Max	QPSK		48.73	32.2	PASS
8	5	21775	8	#Max	QPSK		48.33	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		43.29	29.2	PASS
8	5	21775	8	#Max	QPSK		45.86	32.2	PASS
8	5	21775	8	#Max	QPSK		53.86	35.2	PASS
8	5	21775	25	#0	QPSK		51.46	35.2	PASS
8	5	21775	25	#0	QPSK		44.95	32.2	PASS
8	5	21775	25	#0	QPSK		44.21	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		46.13	29.2	PASS
8	5	21775	25	#0	QPSK		47.05	32.2	PASS
8	5	21775	25	#0	QPSK		52.99	35.2	PASS
8	5	21775	8	#0	QAM16		52.18	35.2	PASS
8	5	21775	8	#0	QAM16		47.91	32.2	PASS
8	5	21775	8	#0	QAM16		45.36	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		48.46	29.2	PASS
8	5	21775	8	#0	QAM16		48.91	32.2	PASS
8	5	21775	8	#0	QAM16		52.94	35.2	PASS
8	5	21775	8	#Max	QAM16		52.41	35.2	PASS
8	5	21775	8	#Max	QAM16		48.76	32.2	PASS
8	5	21775	8	#Max	QAM16		48.30	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS

8	5	21775	8	#Max	QAM16		45.71	29.2	PASS
8	5	21775	8	#Max	QAM16		48.06	32.2	PASS
8	5	21775	8	#Max	QAM16		52.85	35.2	PASS
8	5	21775	25	#0	QAM16		50.56	35.2	PASS
8	5	21775	25	#0	QAM16		45.28	32.2	PASS
8	5	21775	25	#0	QAM16		44.50	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		46.07	29.2	PASS
8	5	21775	25	#0	QAM16		47.03	32.2	PASS
8	5	21775	25	#0	QAM16		52.06	35.2	PASS
8	10	21500	12	#0	QPSK		52.71	35.2	PASS
8	10	21500	12	#0	QPSK		43.58	32.2	PASS
8	10	21500	12	#0	QPSK		42.64	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		47.93	29.2	PASS
8	10	21500	12	#0	QPSK		52.01	32.2	PASS
8	10	21500	12	#0	QPSK		51.76	35.2	PASS
8	10	21500	12	#Max	QPSK		52.56	35.2	PASS
8	10	21500	12	#Max	QPSK		51.67	32.2	PASS
8	10	21500	12	#Max	QPSK		48.17	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		43.33	29.2	PASS
8	10	21500	12	#Max	QPSK		44.29	32.2	PASS
8	10	21500	12	#Max	QPSK		53.07	35.2	PASS
8	10	21500	50	#0	QPSK		50.82	35.2	PASS
8	10	21500	50	#0	QPSK		42.96	32.2	PASS
8	10	21500	50	#0	QPSK		41.67	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		42.42	29.2	PASS
8	10	21500	50	#0	QPSK		44.84	32.2	PASS
8	10	21500	50	#0	QPSK		47.72	35.2	PASS
8	10	21500	12	#0	QAM16		51.73	35.2	PASS
8	10	21500	12	#0	QAM16		45.13	32.2	PASS
8	10	21500	12	#0	QAM16		43.76	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		47.31	29.2	PASS
8	10	21500	12	#0	QAM16		51.30	32.2	PASS
8	10	21500	12	#0	QAM16		51.11	35.2	PASS
8	10	21500	12	#Max	QAM16		51.69	35.2	PASS
8	10	21500	12	#Max	QAM16		50.92	32.2	PASS
8	10	21500	12	#Max	QAM16		47.43	29.2	PASS
8	10	21500	12	#Max	QAM16		0.00	0	PASS
8	10	21500	12	#Max	QAM16		43.92	29.2	PASS

8	10	21500	12	#Max	QAM16		45.27	32.2	PASS
8	10	21500	12	#Max	QAM16		52.18	35.2	PASS
8	10	21500	50	#0	QAM16		50.46	35.2	PASS
8	10	21500	50	#0	QAM16		44.12	32.2	PASS
8	10	21500	50	#0	QAM16		42.61	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		42.83	29.2	PASS
8	10	21500	50	#0	QAM16		45.37	32.2	PASS
8	10	21500	50	#0	QAM16		48.11	35.2	PASS
8	10	21625	12	#0	QPSK		53.41	35.2	PASS
8	10	21625	12	#0	QPSK		48.04	32.2	PASS
8	10	21625	12	#0	QPSK		46.41	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		47.86	29.2	PASS
8	10	21625	12	#0	QPSK		51.91	32.2	PASS
8	10	21625	12	#0	QPSK		51.98	35.2	PASS
8	10	21625	12	#Max	QPSK		52.18	35.2	PASS
8	10	21625	12	#Max	QPSK		52.68	32.2	PASS
8	10	21625	12	#Max	QPSK		48.45	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		45.56	29.2	PASS
8	10	21625	12	#Max	QPSK		46.78	32.2	PASS
8	10	21625	12	#Max	QPSK		54.37	35.2	PASS
8	10	21625	50	#0	QPSK		50.31	35.2	PASS
8	10	21625	50	#0	QPSK		48.28	32.2	PASS
8	10	21625	50	#0	QPSK		45.43	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		46.34	29.2	PASS
8	10	21625	50	#0	QPSK		48.96	32.2	PASS
8	10	21625	50	#0	QPSK		51.62	35.2	PASS
8	10	21625	12	#0	QAM16		52.60	35.2	PASS
8	10	21625	12	#0	QAM16		48.20	32.2	PASS
8	10	21625	12	#0	QAM16		46.31	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.61	29.2	PASS
8	10	21625	12	#0	QAM16		51.42	32.2	PASS
8	10	21625	12	#0	QAM16		51.85	35.2	PASS
8	10	21625	12	#Max	QAM16		51.75	35.2	PASS
8	10	21625	12	#Max	QAM16		52.21	32.2	PASS
8	10	21625	12	#Max	QAM16		48.06	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		45.94	29.2	PASS
8	10	21625	12	#Max	QAM16		47.55	32.2	PASS

8	10	21625	12	#Max	QAM16		53.52	35.2	PASS
8	10	21625	50	#0	QAM16		49.86	35.2	PASS
8	10	21625	50	#0	QAM16		47.78	32.2	PASS
8	10	21625	50	#0	QAM16		44.97	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		45.92	29.2	PASS
8	10	21625	50	#0	QAM16		48.51	32.2	PASS
8	10	21625	50	#0	QAM16		51.06	35.2	PASS
8	10	21750	12	#0	QPSK		52.75	35.2	PASS
8	10	21750	12	#0	QPSK		43.51	32.2	PASS
8	10	21750	12	#0	QPSK		42.53	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		49.63	29.2	PASS
8	10	21750	12	#0	QPSK		52.75	32.2	PASS
8	10	21750	12	#0	QPSK		53.88	35.2	PASS
8	10	21750	12	#Max	QPSK		50.07	35.2	PASS
8	10	21750	12	#Max	QPSK		50.48	32.2	PASS
8	10	21750	12	#Max	QPSK		46.09	29.2	PASS
8	10	21750	12	#Max	QPSK		0.00	0	PASS
8	10	21750	12	#Max	QPSK		45.49	29.2	PASS
8	10	21750	12	#Max	QPSK		46.68	32.2	PASS
8	10	21750	12	#Max	QPSK		54.01	35.2	PASS
8	10	21750	50	#0	QPSK		47.32	35.2	PASS
8	10	21750	50	#0	QPSK		42.14	32.2	PASS
8	10	21750	50	#0	QPSK		40.23	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		46.72	29.2	PASS
8	10	21750	50	#0	QPSK		48.50	32.2	PASS
8	10	21750	50	#0	QPSK		53.00	35.2	PASS
8	10	21750	12	#0	QAM16		51.99	35.2	PASS
8	10	21750	12	#0	QAM16		44.69	32.2	PASS
8	10	21750	12	#0	QAM16		43.40	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		48.82	29.2	PASS
8	10	21750	12	#0	QAM16		52.02	32.2	PASS
8	10	21750	12	#0	QAM16		52.99	35.2	PASS
8	10	21750	12	#Max	QAM16		49.79	35.2	PASS
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8	10	21750	12	#Max	QAM16		45.86	29.2	PASS
8	10	21750	12	#Max	QAM16		0.00	0	PASS
8	10	21750	12	#Max	QAM16		45.77	29.2	PASS
8	10	21750	12	#Max	QAM16		47.28	32.2	PASS
8	10	21750	12	#Max	QAM16		53.05	35.2	PASS

8	10	21750	50	#0	QAM16		47.94	35.2	PASS
8	10	21750	50	#0	QAM16		42.15	32.2	PASS
8	10	21750	50	#0	QAM16		40.41	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		46.05	29.2	PASS
8	10	21750	50	#0	QAM16		47.89	32.2	PASS
8	10	21750	50	#0	QAM16		52.15	35.2	PASS
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20	5	24175	8	#0	QPSK		43.55	32.2	PASS
20	5	24175	8	#0	QPSK		40.85	29.2	PASS
20	5	24175	8	#0	QPSK		0.00	0	PASS
20	5	24175	8	#0	QPSK		46.67	29.2	PASS
20	5	24175	8	#0	QPSK		47.03	32.2	PASS
20	5	24175	8	#0	QPSK		52.65	35.2	PASS
20	5	24175	8	#Max	QPSK		52.53	35.2	PASS
20	5	24175	8	#Max	QPSK		48.90	32.2	PASS
20	5	24175	8	#Max	QPSK		48.41	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
20	5	24175	8	#Max	QPSK		44.62	29.2	PASS
20	5	24175	8	#Max	QPSK		46.11	32.2	PASS
20	5	24175	8	#Max	QPSK		52.46	35.2	PASS
20	5	24175	25	#0	QPSK		51.49	35.2	PASS
20	5	24175	25	#0	QPSK		45.56	32.2	PASS
20	5	24175	25	#0	QPSK		44.55	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		43.33	29.2	PASS
20	5	24175	25	#0	QPSK		44.16	32.2	PASS
20	5	24175	25	#0	QPSK		49.72	35.2	PASS
20	5	24175	8	#0	QAM16		51.42	35.2	PASS
20	5	24175	8	#0	QAM16		45.56	32.2	PASS
20	5	24175	8	#0	QAM16		43.48	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
20	5	24175	8	#0	QAM16		47.47	29.2	PASS
20	5	24175	8	#0	QAM16		47.93	32.2	PASS
20	5	24175	8	#0	QAM16		51.69	35.2	PASS
20	5	24175	8	#Max	QAM16		51.43	35.2	PASS
20	5	24175	8	#Max	QAM16		49.17	32.2	PASS
20	5	24175	8	#Max	QAM16		48.59	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
20	5	24175	8	#Max	QAM16		44.52	29.2	PASS
20	5	24175	8	#Max	QAM16		46.19	32.2	PASS
20	5	24175	8	#Max	QAM16		51.53	35.2	PASS
20	5	24175	25	#0	QAM16		50.54	35.2	PASS

20	5	24175	25	#0	QAM16		45.76	32.2	PASS
20	5	24175	25	#0	QAM16		44.80	29.2	PASS
20	5	24175	25	#0	QAM16		0.00	0	PASS
20	5	24175	25	#0	QAM16		42.18	29.2	PASS
20	5	24175	25	#0	QAM16		43.03	32.2	PASS
20	5	24175	25	#0	QAM16		49.07	35.2	PASS
20	5	24300	8	#0	QPSK		53.31	35.2	PASS
20	5	24300	8	#0	QPSK		46.86	32.2	PASS
20	5	24300	8	#0	QPSK		44.41	29.2	PASS
20	5	24300	8	#0	QPSK		0.00	0	PASS
20	5	24300	8	#0	QPSK		48.63	29.2	PASS
20	5	24300	8	#0	QPSK		49.08	32.2	PASS
20	5	24300	8	#0	QPSK		53.79	35.2	PASS
20	5	24300	8	#Max	QPSK		53.40	35.2	PASS
20	5	24300	8	#Max	QPSK		46.86	32.2	PASS
20	5	24300	8	#Max	QPSK		46.53	29.2	PASS
20	5	24300	8	#Max	QPSK		0.00	0	PASS
20	5	24300	8	#Max	QPSK		45.02	29.2	PASS
20	5	24300	8	#Max	QPSK		47.74	32.2	PASS
20	5	24300	8	#Max	QPSK		53.29	35.2	PASS
20	5	24300	25	#0	QPSK		51.76	35.2	PASS
20	5	24300	25	#0	QPSK		45.94	32.2	PASS
20	5	24300	25	#0	QPSK		45.11	29.2	PASS
20	5	24300	25	#0	QPSK		0.00	0	PASS
20	5	24300	25	#0	QPSK		45.84	29.2	PASS
20	5	24300	25	#0	QPSK		46.78	32.2	PASS
20	5	24300	25	#0	QPSK		51.53	35.2	PASS
20	5	24300	8	#0	QAM16		52.42	35.2	PASS
20	5	24300	8	#0	QAM16		47.69	32.2	PASS
20	5	24300	8	#0	QAM16		45.32	29.2	PASS
20	5	24300	8	#0	QAM16		0.00	0	PASS
20	5	24300	8	#0	QAM16		48.59	29.2	PASS
20	5	24300	8	#0	QAM16		49.07	32.2	PASS
20	5	24300	8	#0	QAM16		52.82	35.2	PASS
20	5	24300	8	#Max	QAM16		52.50	35.2	PASS
20	5	24300	8	#Max	QAM16		47.08	32.2	PASS
20	5	24300	8	#Max	QAM16		46.71	29.2	PASS
20	5	24300	8	#Max	QAM16		0.00	0	PASS
20	5	24300	8	#Max	QAM16		45.93	29.2	PASS
20	5	24300	8	#Max	QAM16		48.02	32.2	PASS
20	5	24300	8	#Max	QAM16		52.53	35.2	PASS
20	5	24300	25	#0	QAM16		50.91	35.2	PASS
20	5	24300	25	#0	QAM16		46.85	32.2	PASS

20	5	24300	25	#0	QAM16		45.76	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS
20	5	24300	25	#0	QAM16		45.39	29.2	PASS
20	5	24300	25	#0	QAM16		46.27	32.2	PASS
20	5	24300	25	#0	QAM16		50.82	35.2	PASS
20	5	24425	8	#0	QPSK		53.32	35.2	PASS
20	5	24425	8	#0	QPSK		48.93	32.2	PASS
20	5	24425	8	#0	QPSK		47.15	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		48.88	29.2	PASS
20	5	24425	8	#0	QPSK		49.35	32.2	PASS
20	5	24425	8	#0	QPSK		53.85	35.2	PASS
20	5	24425	8	#Max	QPSK		53.42	35.2	PASS
20	5	24425	8	#Max	QPSK		48.75	32.2	PASS
20	5	24425	8	#Max	QPSK		48.32	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		45.37	29.2	PASS
20	5	24425	8	#Max	QPSK		48.23	32.2	PASS
20	5	24425	8	#Max	QPSK		53.63	35.2	PASS
20	5	24425	25	#0	QPSK		51.19	35.2	PASS
20	5	24425	25	#0	QPSK		47.69	32.2	PASS
20	5	24425	25	#0	QPSK		46.77	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		46.07	29.2	PASS
20	5	24425	25	#0	QPSK		47.20	32.2	PASS
20	5	24425	25	#0	QPSK		52.27	35.2	PASS
20	5	24425	8	#0	QAM16		52.46	35.2	PASS
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20	5	24425	8	#0	QAM16		46.05	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		48.63	29.2	PASS
20	5	24425	8	#0	QAM16		49.12	32.2	PASS
20	5	24425	8	#0	QAM16		52.86	35.2	PASS
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20	5	24425	8	#Max	QAM16		48.67	32.2	PASS
20	5	24425	8	#Max	QAM16		48.21	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		46.21	29.2	PASS
20	5	24425	8	#Max	QAM16		48.47	32.2	PASS
20	5	24425	8	#Max	QAM16		52.76	35.2	PASS
20	5	24425	25	#0	QAM16		50.36	35.2	PASS
20	5	24425	25	#0	QAM16		46.30	32.2	PASS
20	5	24425	25	#0	QAM16		45.33	29.2	PASS

20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		45.89	29.2	PASS
20	5	24425	25	#0	QAM16		46.81	32.2	PASS
20	5	24425	25	#0	QAM16		51.29	35.2	PASS
20	10	24200	12	#0	QPSK		52.16	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		45.96	29.2	PASS
20	10	24200	12	#0	QPSK		50.16	32.2	PASS
20	10	24200	12	#0	QPSK		49.97	35.2	PASS
20	10	24200	12	#Max	QPSK		52.27	35.2	PASS
20	10	24200	12	#Max	QPSK		51.88	32.2	PASS
20	10	24200	12	#Max	QPSK		48.35	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
20	10	24200	12	#Max	QPSK		44.90	29.2	PASS
20	10	24200	12	#Max	QPSK		46.24	32.2	PASS
20	10	24200	12	#Max	QPSK		52.54	35.2	PASS
20	10	24200	50	#0	QPSK		51.25	35.2	PASS
20	10	24200	50	#0	QPSK		47.89	32.2	PASS
20	10	24200	50	#0	QPSK		45.65	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		42.74	29.2	PASS
20	10	24200	50	#0	QPSK		46.08	32.2	PASS
20	10	24200	50	#0	QPSK		46.98	35.2	PASS
20	10	24200	12	#0	QAM16		51.24	35.2	PASS
20	10	24200	12	#0	QAM16		44.76	32.2	PASS
20	10	24200	12	#0	QAM16		43.34	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		45.62	29.2	PASS
20	10	24200	12	#0	QAM16		49.62	32.2	PASS
20	10	24200	12	#0	QAM16		49.76	35.2	PASS
20	10	24200	12	#Max	QAM16		51.28	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		44.55	29.2	PASS
20	10	24200	12	#Max	QAM16		46.18	32.2	PASS
20	10	24200	12	#Max	QAM16		51.63	35.2	PASS
20	10	24200	50	#0	QAM16		50.27	35.2	PASS
20	10	24200	50	#0	QAM16		46.91	32.2	PASS
20	10	24200	50	#0	QAM16		44.69	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS

20	10	24200	50	#0	QAM16		41.52	29.2	PASS
20	10	24200	50	#0	QAM16		44.17	32.2	PASS
20	10	24200	50	#0	QAM16		46.82	35.2	PASS
20	10	24300	12	#0	QPSK		53.09	35.2	PASS
20	10	24300	12	#0	QPSK		45.45	32.2	PASS
20	10	24300	12	#0	QPSK		44.32	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
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20	10	24300	12	#0	QPSK		51.34	32.2	PASS
20	10	24300	12	#0	QPSK		50.61	35.2	PASS
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20	10	24300	12	#Max	QPSK		46.84	29.2	PASS
20	10	24300	12	#Max	QPSK		0.00	0	PASS
20	10	24300	12	#Max	QPSK		46.49	29.2	PASS
20	10	24300	12	#Max	QPSK		48.11	32.2	PASS
20	10	24300	12	#Max	QPSK		53.35	35.2	PASS
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20	10	24300	50	#0	QPSK		47.00	32.2	PASS
20	10	24300	50	#0	QPSK		44.71	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		44.69	29.2	PASS
20	10	24300	50	#0	QPSK		48.33	32.2	PASS
20	10	24300	50	#0	QPSK		48.35	35.2	PASS
20	10	24300	12	#0	QAM16		52.13	35.2	PASS
20	10	24300	12	#0	QAM16		45.83	32.2	PASS
20	10	24300	12	#0	QAM16		44.45	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		46.64	29.2	PASS
20	10	24300	12	#0	QAM16		50.94	32.2	PASS
20	10	24300	12	#0	QAM16		50.45	35.2	PASS
20	10	24300	12	#Max	QAM16		50.62	35.2	PASS
20	10	24300	12	#Max	QAM16		50.54	32.2	PASS
20	10	24300	12	#Max	QAM16		46.56	29.2	PASS
20	10	24300	12	#Max	QAM16		0.00	0	PASS
20	10	24300	12	#Max	QAM16		45.85	29.2	PASS
20	10	24300	12	#Max	QAM16		47.54	32.2	PASS
20	10	24300	12	#Max	QAM16		52.45	35.2	PASS
20	10	24300	50	#0	QAM16		49.53	35.2	PASS
20	10	24300	50	#0	QAM16		46.29	32.2	PASS
20	10	24300	50	#0	QAM16		44.00	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		43.41	29.2	PASS

20	10	24300	50	#0	QAM16		46.52	32.2	PASS
20	10	24300	50	#0	QAM16		47.88	35.2	PASS
20	10	24400	12	#0	QPSK		52.89	35.2	PASS
20	10	24400	12	#0	QPSK		49.28	32.2	PASS
20	10	24400	12	#0	QPSK		47.23	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		47.43	29.2	PASS
20	10	24400	12	#0	QPSK		51.57	32.2	PASS
20	10	24400	12	#0	QPSK		51.42	35.2	PASS
20	10	24400	12	#Max	QPSK		50.93	35.2	PASS
20	10	24400	12	#Max	QPSK		51.65	32.2	PASS
20	10	24400	12	#Max	QPSK		47.21	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
20	10	24400	12	#Max	QPSK		46.46	29.2	PASS
20	10	24400	12	#Max	QPSK		47.97	32.2	PASS
20	10	24400	12	#Max	QPSK		53.59	35.2	PASS
20	10	24400	50	#0	QPSK		48.62	35.2	PASS
20	10	24400	50	#0	QPSK		49.07	32.2	PASS
20	10	24400	50	#0	QPSK		45.17	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		45.08	29.2	PASS
20	10	24400	50	#0	QPSK		47.72	32.2	PASS
20	10	24400	50	#0	QPSK		50.05	35.2	PASS
20	10	24400	12	#0	QAM16		51.99	35.2	PASS
20	10	24400	12	#0	QAM16		48.33	32.2	PASS
20	10	24400	12	#0	QAM16		46.23	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		47.12	29.2	PASS
20	10	24400	12	#0	QAM16		51.09	32.2	PASS
20	10	24400	12	#0	QAM16		51.08	35.2	PASS
20	10	24400	12	#Max	QAM16		50.60	35.2	PASS
20	10	24400	12	#Max	QAM16		51.07	32.2	PASS
20	10	24400	12	#Max	QAM16		46.83	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		46.13	29.2	PASS
20	10	24400	12	#Max	QAM16		47.94	32.2	PASS
20	10	24400	12	#Max	QAM16		52.67	35.2	PASS
20	10	24400	50	#0	QAM16		48.19	35.2	PASS
20	10	24400	50	#0	QAM16		47.35	32.2	PASS
20	10	24400	50	#0	QAM16		44.02	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		44.28	29.2	PASS
20	10	24400	50	#0	QAM16		46.76	32.2	PASS

20	10	24400	50	#0	QAM16		49.56	35.2	PASS
20	20	24250	18	#0	QPSK		52.38	35.2	PASS
20	20	24250	18	#0	QPSK		46.41	32.2	PASS
20	20	24250	18	#0	QPSK		44.30	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		45.23	29.2	PASS
20	20	24250	18	#0	QPSK		52.69	32.2	PASS
20	20	24250	18	#0	QPSK		52.43	35.2	PASS
20	20	24250	18	#Max	QPSK		52.54	35.2	PASS
20	20	24250	18	#Max	QPSK		52.79	32.2	PASS
20	20	24250	18	#Max	QPSK		46.17	29.2	PASS
20	20	24250	18	#Max	QPSK		0.00	0	PASS
20	20	24250	18	#Max	QPSK		44.83	29.2	PASS
20	20	24250	18	#Max	QPSK		47.73	32.2	PASS
20	20	24250	18	#Max	QPSK		52.72	35.2	PASS
20	20	24250	100	#0	QPSK		51.40	35.2	PASS
20	20	24250	100	#0	QPSK		49.67	32.2	PASS
20	20	24250	100	#0	QPSK		44.59	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		43.09	29.2	PASS
20	20	24250	100	#0	QPSK		48.58	32.2	PASS
20	20	24250	100	#0	QPSK		49.55	35.2	PASS
20	20	24250	18	#0	QAM16		51.32	35.2	PASS
20	20	24250	18	#0	QAM16		46.33	32.2	PASS
20	20	24250	18	#0	QAM16		43.65	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		44.58	29.2	PASS
20	20	24250	18	#0	QAM16		51.66	32.2	PASS
20	20	24250	18	#0	QAM16		51.60	35.2	PASS
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20	20	24250	18	#Max	QAM16		51.73	32.2	PASS
20	20	24250	18	#Max	QAM16		45.07	29.2	PASS
20	20	24250	18	#Max	QAM16		0.00	0	PASS
20	20	24250	18	#Max	QAM16		43.94	29.2	PASS
20	20	24250	18	#Max	QAM16		46.95	32.2	PASS
20	20	24250	18	#Max	QAM16		51.71	35.2	PASS
20	20	24250	100	#0	QAM16		50.37	35.2	PASS
20	20	24250	100	#0	QAM16		48.58	32.2	PASS
20	20	24250	100	#0	QAM16		43.55	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		41.94	29.2	PASS
20	20	24250	100	#0	QAM16		47.23	32.2	PASS
20	20	24250	100	#0	QAM16		48.27	35.2	PASS

20	20	24300	18	#0	QPSK		52.06	35.2	PASS
20	20	24300	18	#0	QPSK		47.16	32.2	PASS
20	20	24300	18	#0	QPSK		44.27	29.2	PASS
20	20	24300	18	#0	QPSK		0.00	0	PASS
20	20	24300	18	#0	QPSK		45.77	29.2	PASS
20	20	24300	18	#0	QPSK		52.95	32.2	PASS
20	20	24300	18	#0	QPSK		52.92	35.2	PASS
20	20	24300	18	#Max	QPSK		52.44	35.2	PASS
20	20	24300	18	#Max	QPSK		52.82	32.2	PASS
20	20	24300	18	#Max	QPSK		46.22	29.2	PASS
20	20	24300	18	#Max	QPSK		0.00	0	PASS
20	20	24300	18	#Max	QPSK		45.13	29.2	PASS
20	20	24300	18	#Max	QPSK		48.60	32.2	PASS
20	20	24300	18	#Max	QPSK		52.80	35.2	PASS
20	20	24300	100	#0	QPSK		50.05	35.2	PASS
20	20	24300	100	#0	QPSK		48.45	32.2	PASS
20	20	24300	100	#0	QPSK		43.85	29.2	PASS
20	20	24300	100	#0	QPSK		0.00	0	PASS
20	20	24300	100	#0	QPSK		43.29	29.2	PASS
20	20	24300	100	#0	QPSK		48.70	32.2	PASS
20	20	24300	100	#0	QPSK		50.17	35.2	PASS
20	20	24300	18	#0	QAM16		51.13	35.2	PASS
20	20	24300	18	#0	QAM16		46.25	32.2	PASS
20	20	24300	18	#0	QAM16		43.49	29.2	PASS
20	20	24300	18	#0	QAM16		0.00	0	PASS
20	20	24300	18	#0	QAM16		44.98	29.2	PASS
20	20	24300	18	#0	QAM16		51.85	32.2	PASS
20	20	24300	18	#0	QAM16		52.02	35.2	PASS
20	20	24300	18	#Max	QAM16		51.48	35.2	PASS
20	20	24300	18	#Max	QAM16		51.79	32.2	PASS
20	20	24300	18	#Max	QAM16		45.20	29.2	PASS
20	20	24300	18	#Max	QAM16		0.00	0	PASS
20	20	24300	18	#Max	QAM16		44.27	29.2	PASS
20	20	24300	18	#Max	QAM16		47.53	32.2	PASS
20	20	24300	18	#Max	QAM16		52.02	35.2	PASS
20	20	24300	100	#0	QAM16		49.38	35.2	PASS
20	20	24300	100	#0	QAM16		48.27	32.2	PASS
20	20	24300	100	#0	QAM16		43.22	29.2	PASS
20	20	24300	100	#0	QAM16		0.00	0	PASS
20	20	24300	100	#0	QAM16		41.89	29.2	PASS
20	20	24300	100	#0	QAM16		47.02	32.2	PASS
20	20	24300	100	#0	QAM16		48.31	35.2	PASS
20	20	24350	18	#0	QPSK		52.17	35.2	PASS

20	20	24350	18	#0	QPSK		45.83	32.2	PASS
20	20	24350	18	#0	QPSK		43.85	29.2	PASS
20	20	24350	18	#0	QPSK		0.00	0	PASS
20	20	24350	18	#0	QPSK		46.20	29.2	PASS
20	20	24350	18	#0	QPSK		53.10	32.2	PASS
20	20	24350	18	#0	QPSK		53.04	35.2	PASS
20	20	24350	18	#Max	QPSK		52.16	35.2	PASS
20	20	24350	18	#Max	QPSK		52.65	32.2	PASS
20	20	24350	18	#Max	QPSK		45.61	29.2	PASS
20	20	24350	18	#Max	QPSK		0.00	0	PASS
20	20	24350	18	#Max	QPSK		45.49	29.2	PASS
20	20	24350	18	#Max	QPSK		48.50	32.2	PASS
20	20	24350	18	#Max	QPSK		53.12	35.2	PASS
20	20	24350	100	#0	QPSK		48.62	35.2	PASS
20	20	24350	100	#0	QPSK		47.89	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		43.22	29.2	PASS
20	20	24350	100	#0	QPSK		49.05	32.2	PASS
20	20	24350	100	#0	QPSK		49.07	35.2	PASS
20	20	24350	18	#0	QAM16		51.16	35.2	PASS
20	20	24350	18	#0	QAM16		45.90	32.2	PASS
20	20	24350	18	#0	QAM16		43.42	29.2	PASS
20	20	24350	18	#0	QAM16		0.00	0	PASS
20	20	24350	18	#0	QAM16		45.37	29.2	PASS
20	20	24350	18	#0	QAM16		52.12	32.2	PASS
20	20	24350	18	#0	QAM16		52.16	35.2	PASS
20	20	24350	18	#Max	QAM16		51.27	35.2	PASS
20	20	24350	18	#Max	QAM16		51.66	32.2	PASS
20	20	24350	18	#Max	QAM16		44.82	29.2	PASS
20	20	24350	18	#Max	QAM16		0.00	0	PASS
20	20	24350	18	#Max	QAM16		44.75	29.2	PASS
20	20	24350	18	#Max	QAM16		48.19	32.2	PASS
20	20	24350	18	#Max	QAM16		52.20	35.2	PASS
20	20	24350	100	#0	QAM16		48.24	35.2	PASS
20	20	24350	100	#0	QAM16		47.33	32.2	PASS
20	20	24350	100	#0	QAM16		42.38	29.2	PASS
20	20	24350	100	#0	QAM16		0.00	0	PASS
20	20	24350	100	#0	QAM16		42.02	29.2	PASS
20	20	24350	100	#0	QAM16		47.37	32.2	PASS
20	20	24350	100	#0	QAM16		47.68	35.2	PASS
1	5	18025	8	#0	QPSK		52.99	35.2	PASS
1	5	18025	8	#0	QPSK		36.45	32.2	PASS

1	5	18025	8	#0	QPSK		33.57	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		47.98	29.2	PASS
1	5	18025	8	#0	QPSK		48.45	32.2	PASS
1	5	18025	8	#0	QPSK		53.39	35.2	PASS
1	5	18025	8	#Max	QPSK		53.22	35.2	PASS
1	5	18025	8	#Max	QPSK		47.42	32.2	PASS
1	5	18025	8	#Max	QPSK		47.04	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		34.06	29.2	PASS
1	5	18025	8	#Max	QPSK		37.00	32.2	PASS
1	5	18025	8	#Max	QPSK		53.12	35.2	PASS
1	5	18025	25	#0	QPSK		48.40	35.2	PASS
1	5	18025	25	#0	QPSK		35.90	32.2	PASS
1	5	18025	25	#0	QPSK		35.11	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		35.79	29.2	PASS
1	5	18025	25	#0	QPSK		36.61	32.2	PASS
1	5	18025	25	#0	QPSK		48.74	35.2	PASS
1	5	18025	8	#0	QAM16		51.98	35.2	PASS
1	5	18025	8	#0	QAM16		38.57	32.2	PASS
1	5	18025	8	#0	QAM16		35.87	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		47.66	29.2	PASS
1	5	18025	8	#0	QAM16		48.09	32.2	PASS
1	5	18025	8	#0	QAM16		52.36	35.2	PASS
1	5	18025	8	#Max	QAM16		52.19	35.2	PASS
1	5	18025	8	#Max	QAM16		47.41	32.2	PASS
1	5	18025	8	#Max	QAM16		47.01	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		36.97	29.2	PASS
1	5	18025	8	#Max	QAM16		39.46	32.2	PASS
1	5	18025	8	#Max	QAM16		52.30	35.2	PASS
1	5	18025	25	#0	QAM16		48.71	35.2	PASS
1	5	18025	25	#0	QAM16		37.94	32.2	PASS
1	5	18025	25	#0	QAM16		37.14	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		37.72	29.2	PASS
1	5	18025	25	#0	QAM16		38.51	32.2	PASS
1	5	18025	25	#0	QAM16		49.04	35.2	PASS
1	5	18300	8	#0	QPSK		54.16	35.2	PASS
1	5	18300	8	#0	QPSK		40.38	32.2	PASS
1	5	18300	8	#0	QPSK		37.62	29.2	PASS

1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		47.27	29.2	PASS
1	5	18300	8	#0	QPSK		47.61	32.2	PASS
1	5	18300	8	#0	QPSK		54.48	35.2	PASS
1	5	18300	25	#0	QPSK		49.92	35.2	PASS
1	5	18300	25	#0	QPSK		40.32	32.2	PASS
1	5	18300	25	#0	QPSK		39.55	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		39.57	29.2	PASS
1	5	18300	25	#0	QPSK		40.41	32.2	PASS
1	5	18300	25	#0	QPSK		50.03	35.2	PASS
1	5	18300	8	#0	QAM16		52.11	35.2	PASS
1	5	18300	8	#0	QAM16		41.58	32.2	PASS
1	5	18300	8	#0	QAM16		39.14	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		47.06	29.2	PASS
1	5	18300	8	#0	QAM16		47.46	32.2	PASS
1	5	18300	8	#0	QAM16		52.42	35.2	PASS
1	5	18300	8	#Max	QAM16		52.19	35.2	PASS
1	5	18300	8	#Max	QAM16		47.01	32.2	PASS
1	5	18300	8	#Max	QAM16		46.64	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		40.86	32.2	PASS
1	5	18300	8	#Max	QAM16		52.29	35.2	PASS
1	5	18300	25	#0	QAM16		49.55	35.2	PASS
1	5	18300	25	#0	QAM16		40.58	32.2	PASS
1	5	18300	25	#0	QAM16		39.78	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		39.88	29.2	PASS
1	5	18300	25	#0	QAM16		40.68	32.2	PASS
1	5	18300	25	#0	QAM16		49.62	35.2	PASS
1	5	18575	8	#0	QPSK		53.55	35.2	PASS
1	5	18575	8	#0	QPSK		36.59	32.2	PASS
1	5	18575	8	#0	QPSK		33.58	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS
1	5	18575	8	#0	QPSK		46.71	29.2	PASS
1	5	18575	8	#0	QPSK		47.09	32.2	PASS
1	5	18575	8	#0	QPSK		54.18	35.2	PASS
1	5	18575	8	#Max	QPSK		53.90	35.2	PASS
1	5	18575	8	#Max	QPSK		45.57	32.2	PASS
1	5	18575	8	#Max	QPSK		45.27	29.2	PASS
1	5	18575	8	#Max	QPSK		0.00	0	PASS

1	5	18575	8	#Max	QPSK		36.73	29.2	PASS
1	5	18575	8	#Max	QPSK		39.73	32.2	PASS
1	5	18575	8	#Max	QPSK		53.40	35.2	PASS
1	5	18575	25	#0	QPSK		49.64	35.2	PASS
1	5	18575	25	#0	QPSK		38.67	32.2	PASS
1	5	18575	25	#0	QPSK		37.84	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		38.62	29.2	PASS
1	5	18575	25	#0	QPSK		39.54	32.2	PASS
1	5	18575	25	#0	QPSK		50.91	35.2	PASS
1	5	18575	8	#0	QAM16		52.77	35.2	PASS
1	5	18575	8	#0	QAM16		40.05	32.2	PASS
1	5	18575	8	#0	QAM16		37.33	29.2	PASS
1	5	18575	8	#0	QAM16		0.00	0	PASS
1	5	18575	8	#0	QAM16		46.97	29.2	PASS
1	5	18575	8	#0	QAM16		47.30	32.2	PASS
1	5	18575	8	#0	QAM16		53.20	35.2	PASS
1	5	18575	8	#Max	QAM16		52.89	35.2	PASS
1	5	18575	8	#Max	QAM16		46.05	32.2	PASS
1	5	18575	8	#Max	QAM16		45.74	29.2	PASS
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1	5	18575	8	#Max	QAM16		40.34	29.2	PASS
1	5	18575	8	#Max	QAM16		43.18	32.2	PASS
1	5	18575	8	#Max	QAM16		52.92	35.2	PASS
1	5	18575	25	#0	QAM16		49.38	35.2	PASS
1	5	18575	25	#0	QAM16		39.78	32.2	PASS
1	5	18575	25	#0	QAM16		38.99	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		39.79	29.2	PASS
1	5	18575	25	#0	QAM16		40.63	32.2	PASS
1	5	18575	25	#0	QAM16		50.24	35.2	PASS
1	10	18050	12	#0	QPSK		52.60	35.2	PASS
1	10	18050	12	#0	QPSK		35.98	32.2	PASS
1	10	18050	12	#0	QPSK		35.46	29.2	PASS
1	10	18050	12	#0	QPSK		0.00	0	PASS
1	10	18050	12	#0	QPSK		46.18	29.2	PASS
1	10	18050	12	#0	QPSK		50.60	32.2	PASS
1	10	18050	12	#0	QPSK		50.01	35.2	PASS
1	10	18050	12	#Max	QPSK		49.52	35.2	PASS
1	10	18050	12	#Max	QPSK		50.02	32.2	PASS
1	10	18050	12	#Max	QPSK		45.60	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		37.98	29.2	PASS

1	10	18050	12	#Max	QPSK		38.50	32.2	PASS
1	10	18050	12	#Max	QPSK		53.17	35.2	PASS
1	10	18050	50	#0	QPSK		42.70	35.2	PASS
1	10	18050	50	#0	QPSK		38.75	32.2	PASS
1	10	18050	50	#0	QPSK		36.63	29.2	PASS
1	10	18050	50	#0	QPSK		0.00	0	PASS
1	10	18050	50	#0	QPSK		37.72	29.2	PASS
1	10	18050	50	#0	QPSK		39.81	32.2	PASS
1	10	18050	50	#0	QPSK		43.79	35.2	PASS
1	10	18050	12	#0	QAM16		51.62	35.2	PASS
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1	10	18050	12	#0	QAM16		37.07	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
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1	10	18050	12	#0	QAM16		49.76	35.2	PASS
1	10	18050	12	#Max	QAM16		49.26	35.2	PASS
1	10	18050	12	#Max	QAM16		49.79	32.2	PASS
1	10	18050	12	#Max	QAM16		45.42	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		39.51	29.2	PASS
1	10	18050	12	#Max	QAM16		40.15	32.2	PASS
1	10	18050	12	#Max	QAM16		52.24	35.2	PASS
1	10	18050	50	#0	QAM16		43.68	35.2	PASS
1	10	18050	50	#0	QAM16		38.93	32.2	PASS
1	10	18050	50	#0	QAM16		37.01	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		37.94	29.2	PASS
1	10	18050	50	#0	QAM16		39.92	32.2	PASS
1	10	18050	50	#0	QAM16		44.33	35.2	PASS
1	10	18300	12	#0	QPSK		53.65	35.2	PASS
1	10	18300	12	#0	QPSK		40.34	32.2	PASS
1	10	18300	12	#0	QPSK		39.74	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		46.09	29.2	PASS
1	10	18300	12	#0	QPSK		50.71	32.2	PASS
1	10	18300	12	#0	QPSK		50.01	35.2	PASS
1	10	18300	12	#Max	QPSK		49.76	35.2	PASS
1	10	18300	12	#Max	QPSK		50.58	32.2	PASS
1	10	18300	12	#Max	QPSK		45.93	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		37.63	29.2	PASS
1	10	18300	12	#Max	QPSK		38.17	32.2	PASS

1	10	18300	12	#Max	QPSK		54.04	35.2	PASS
1	10	18300	50	#0	QPSK		44.73	35.2	PASS
1	10	18300	50	#0	QPSK		40.81	32.2	PASS
1	10	18300	50	#0	QPSK		38.71	29.2	PASS
1	10	18300	50	#0	QPSK		0.00	0	PASS
1	10	18300	50	#0	QPSK		38.70	29.2	PASS
1	10	18300	50	#0	QPSK		40.73	32.2	PASS
1	10	18300	50	#0	QPSK		44.82	35.2	PASS
1	10	18300	12	#0	QAM16		52.69	35.2	PASS
1	10	18300	12	#0	QAM16		41.71	32.2	PASS
1	10	18300	12	#0	QAM16		40.96	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		46.08	29.2	PASS
1	10	18300	12	#0	QAM16		50.53	32.2	PASS
1	10	18300	12	#0	QAM16		50.03	35.2	PASS
1	10	18300	12	#Max	QAM16		49.79	35.2	PASS
1	10	18300	12	#Max	QAM16		50.32	32.2	PASS
1	10	18300	12	#Max	QAM16		45.89	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		39.27	29.2	PASS
1	10	18300	12	#Max	QAM16		39.98	32.2	PASS
1	10	18300	12	#Max	QAM16		53.15	35.2	PASS
1	10	18300	50	#0	QAM16		45.67	35.2	PASS
1	10	18300	50	#0	QAM16		41.60	32.2	PASS
1	10	18300	50	#0	QAM16		39.47	29.2	PASS
1	10	18300	50	#0	QAM16		0.00	0	PASS
1	10	18300	50	#0	QAM16		39.59	29.2	PASS
1	10	18300	50	#0	QAM16		41.73	32.2	PASS
1	10	18300	50	#0	QAM16		45.69	35.2	PASS
1	10	18550	12	#0	QPSK		53.11	35.2	PASS
1	10	18550	12	#0	QPSK		34.26	32.2	PASS
1	10	18550	12	#0	QPSK		33.81	29.2	PASS
1	10	18550	12	#0	QPSK		0.00	0	PASS
1	10	18550	12	#0	QPSK		46.53	29.2	PASS
1	10	18550	12	#0	QPSK		50.99	32.2	PASS
1	10	18550	12	#0	QPSK		50.32	35.2	PASS
1	10	18550	12	#Max	QPSK		48.03	35.2	PASS
1	10	18550	12	#Max	QPSK		49.16	32.2	PASS
1	10	18550	12	#Max	QPSK		44.34	29.2	PASS
1	10	18550	12	#Max	QPSK		0.00	0	PASS
1	10	18550	12	#Max	QPSK		38.65	29.2	PASS
1	10	18550	12	#Max	QPSK		39.28	32.2	PASS
1	10	18550	12	#Max	QPSK		53.32	35.2	PASS

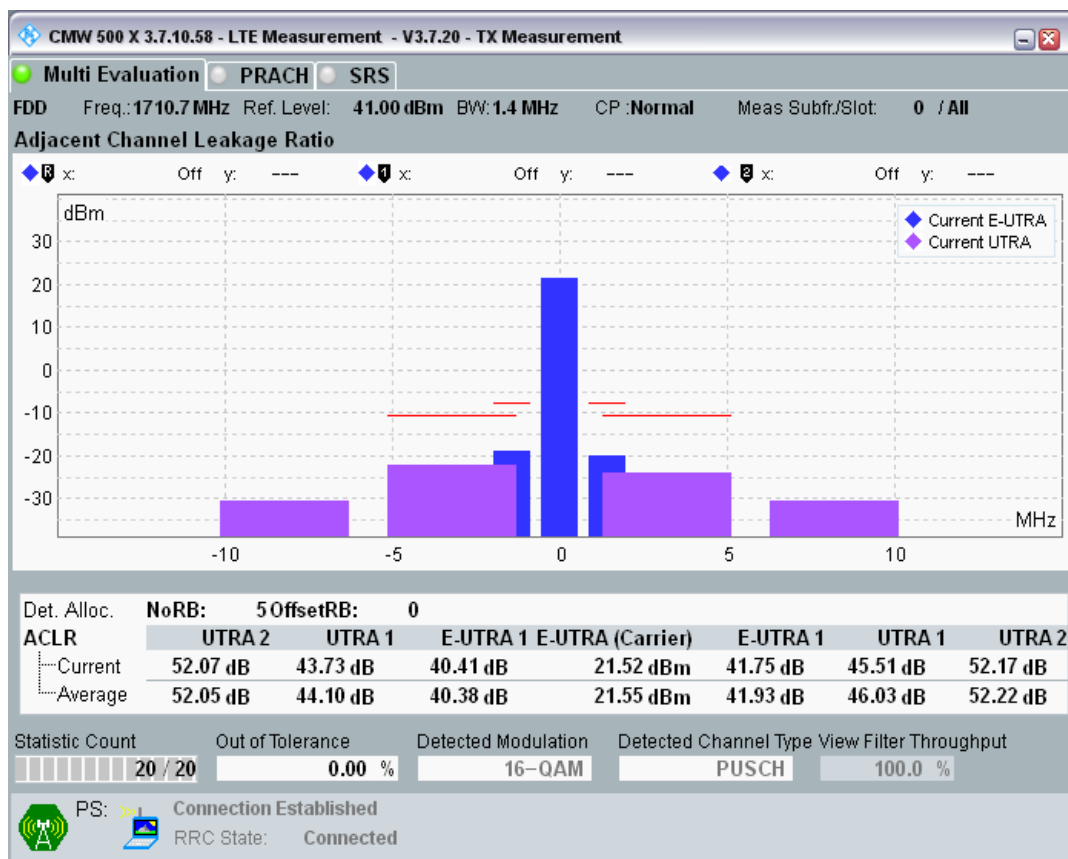
1	10	18550	50	#0	QPSK		41.42	35.2	PASS
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1	10	18550	50	#0	QPSK		35.12	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		37.41	29.2	PASS
1	10	18550	50	#0	QPSK		39.05	32.2	PASS
1	10	18550	50	#0	QPSK		44.78	35.2	PASS
1	10	18550	12	#0	QAM16		52.29	35.2	PASS
1	10	18550	12	#0	QAM16		36.74	32.2	PASS
1	10	18550	12	#0	QAM16		36.14	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		46.37	29.2	PASS
1	10	18550	12	#0	QAM16		50.70	32.2	PASS
1	10	18550	12	#0	QAM16		50.35	35.2	PASS
1	10	18550	12	#Max	QAM16		48.00	35.2	PASS
1	10	18550	12	#Max	QAM16		49.38	32.2	PASS
1	10	18550	12	#Max	QAM16		44.36	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		39.96	29.2	PASS
1	10	18550	12	#Max	QAM16		40.85	32.2	PASS
1	10	18550	12	#Max	QAM16		52.66	35.2	PASS
1	10	18550	50	#0	QAM16		42.78	35.2	PASS
1	10	18550	50	#0	QAM16		38.22	32.2	PASS
1	10	18550	50	#0	QAM16		36.22	29.2	PASS
1	10	18550	50	#0	QAM16		0.00	0	PASS
1	10	18550	50	#0	QAM16		38.44	29.2	PASS
1	10	18550	50	#0	QAM16		40.13	32.2	PASS
1	10	18550	50	#0	QAM16		45.59	35.2	PASS
1	20	18100	18	#0	QPSK		51.50	35.2	PASS
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1	20	18100	18	#0	QPSK		38.21	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		44.27	29.2	PASS
1	20	18100	18	#0	QPSK		52.70	32.2	PASS
1	20	18100	18	#0	QPSK		51.90	35.2	PASS
1	20	18100	18	#Max	QPSK		51.34	35.2	PASS
1	20	18100	18	#Max	QPSK		52.33	32.2	PASS
1	20	18100	18	#Max	QPSK		44.43	29.2	PASS
1	20	18100	18	#Max	QPSK		0.00	0	PASS
1	20	18100	18	#Max	QPSK		41.63	29.2	PASS
1	20	18100	18	#Max	QPSK		41.44	32.2	PASS
1	20	18100	18	#Max	QPSK		52.42	35.2	PASS
1	20	18100	100	#0	QPSK		43.29	35.2	PASS

1	20	18100	100	#0	QPSK		41.39	32.2	PASS
1	20	18100	100	#0	QPSK		37.15	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		37.69	29.2	PASS
1	20	18100	100	#0	QPSK		41.91	32.2	PASS
1	20	18100	100	#0	QPSK		44.11	35.2	PASS
1	20	18100	18	#0	QAM16		50.65	35.2	PASS
1	20	18100	18	#0	QAM16		38.50	32.2	PASS
1	20	18100	18	#0	QAM16		39.10	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.71	29.2	PASS
1	20	18100	18	#0	QAM16		51.63	32.2	PASS
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1	20	18100	18	#Max	QAM16		50.55	35.2	PASS
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1	20	18100	18	#Max	QAM16		41.97	29.2	PASS
1	20	18100	18	#Max	QAM16		42.71	32.2	PASS
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1	20	18100	100	#0	QAM16		38.03	29.2	PASS
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1	20	18100	100	#0	QAM16		38.54	29.2	PASS
1	20	18100	100	#0	QAM16		43.18	32.2	PASS
1	20	18100	100	#0	QAM16		44.92	35.2	PASS
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1	20	18300	18	#0	QPSK		41.70	32.2	PASS
1	20	18300	18	#0	QPSK		41.96	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		45.25	29.2	PASS
1	20	18300	18	#0	QPSK		53.67	32.2	PASS
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1	20	18300	18	#Max	QPSK		44.78	29.2	PASS
1	20	18300	18	#Max	QPSK		0.00	0	PASS
1	20	18300	18	#Max	QPSK		39.25	29.2	PASS
1	20	18300	18	#Max	QPSK		37.89	32.2	PASS
1	20	18300	18	#Max	QPSK		53.30	35.2	PASS
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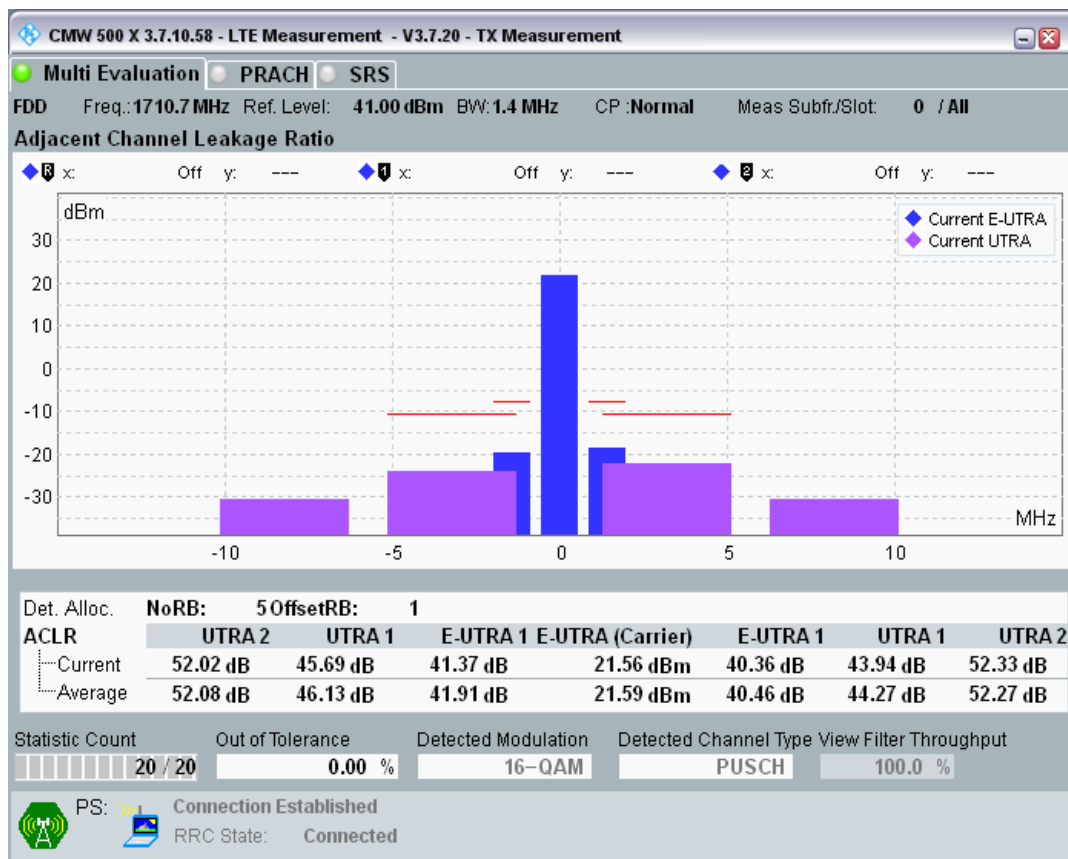
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1	20	18300	100	#0	QPSK		42.93	32.2	PASS
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1	20	18300	18	#0	QAM16		51.63	35.2	PASS
1	20	18300	18	#0	QAM16		42.38	32.2	PASS
1	20	18300	18	#0	QAM16		42.17	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		44.89	29.2	PASS
1	20	18300	18	#0	QAM16		52.61	32.2	PASS
1	20	18300	18	#0	QAM16		52.31	35.2	PASS
1	20	18300	18	#Max	QAM16		51.32	35.2	PASS
1	20	18300	18	#Max	QAM16		52.22	32.2	PASS
1	20	18300	18	#Max	QAM16		44.39	29.2	PASS
1	20	18300	18	#Max	QAM16		0.00	0	PASS
1	20	18300	18	#Max	QAM16		40.46	29.2	PASS
1	20	18300	18	#Max	QAM16		39.78	32.2	PASS
1	20	18300	18	#Max	QAM16		52.45	35.2	PASS
1	20	18300	100	#0	QAM16		45.06	35.2	PASS
1	20	18300	100	#0	QAM16		43.53	32.2	PASS
1	20	18300	100	#0	QAM16		38.83	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		39.37	29.2	PASS
1	20	18300	100	#0	QAM16		43.56	32.2	PASS
1	20	18300	100	#0	QAM16		45.58	35.2	PASS
1	20	18500	18	#0	QPSK		52.12	35.2	PASS
1	20	18500	18	#0	QPSK		36.18	32.2	PASS
1	20	18500	18	#0	QPSK		37.65	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		45.45	29.2	PASS
1	20	18500	18	#0	QPSK		53.64	32.2	PASS
1	20	18500	18	#0	QPSK		52.77	35.2	PASS
1	20	18500	18	#Max	QPSK		51.56	35.2	PASS
1	20	18500	18	#Max	QPSK		52.69	32.2	PASS
1	20	18500	18	#Max	QPSK		44.03	29.2	PASS
1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		40.70	29.2	PASS
1	20	18500	18	#Max	QPSK		39.87	32.2	PASS
1	20	18500	18	#Max	QPSK		52.58	35.2	PASS
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1	20	18500	100	#0	QPSK		37.35	32.2	PASS
1	20	18500	100	#0	QPSK		32.97	29.2	PASS

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1	20	18500	100	#0	QPSK		36.52	29.2	PASS
1	20	18500	100	#0	QPSK		40.04	32.2	PASS
1	20	18500	100	#0	QPSK		42.28	35.2	PASS
1	20	18500	18	#0	QAM16		51.32	35.2	PASS
1	20	18500	18	#0	QAM16		37.52	32.2	PASS
1	20	18500	18	#0	QAM16		38.78	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		44.89	29.2	PASS
1	20	18500	18	#0	QAM16		52.58	32.2	PASS
1	20	18500	18	#0	QAM16		52.14	35.2	PASS
1	20	18500	18	#Max	QAM16		50.93	35.2	PASS
1	20	18500	18	#Max	QAM16		51.70	32.2	PASS
1	20	18500	18	#Max	QAM16		43.76	29.2	PASS
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1	20	18500	18	#Max	QAM16		41.23	32.2	PASS
1	20	18500	18	#Max	QAM16		51.93	35.2	PASS
1	20	18500	100	#0	QAM16		40.75	35.2	PASS
1	20	18500	100	#0	QAM16		39.31	32.2	PASS
1	20	18500	100	#0	QAM16		34.86	29.2	PASS
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1	20	18500	100	#0	QAM16		38.21	29.2	PASS
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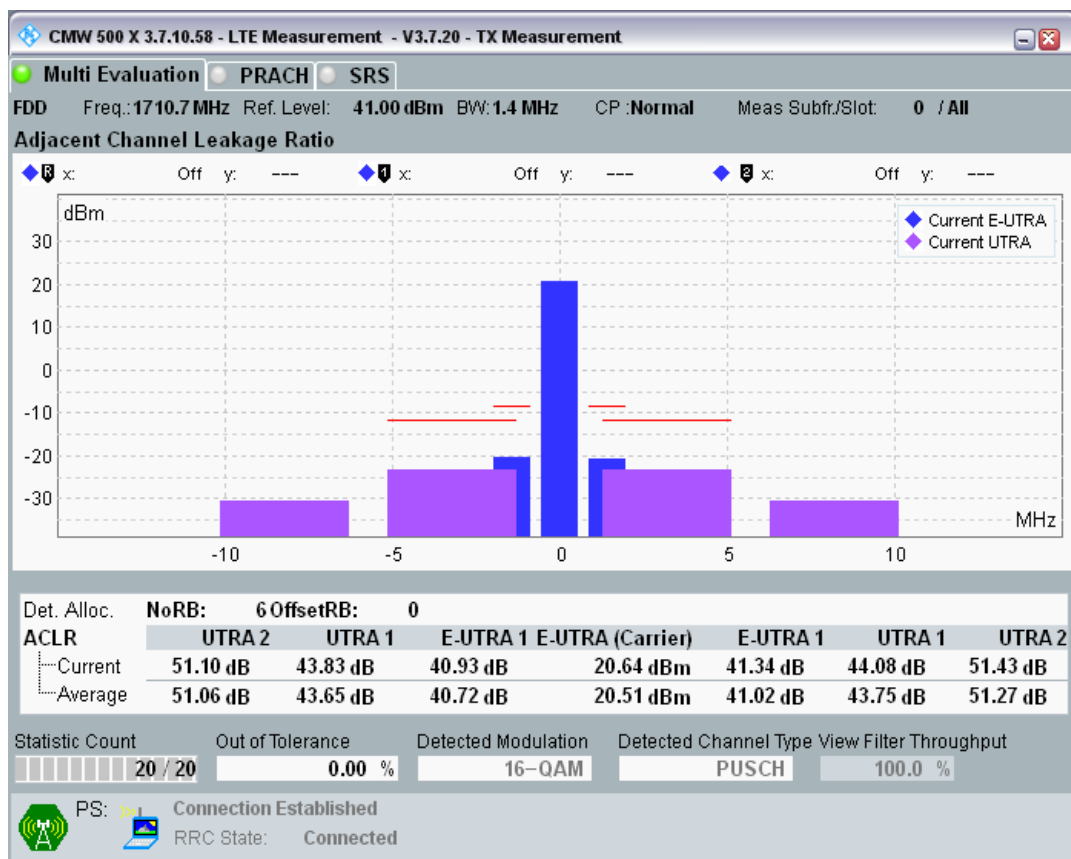
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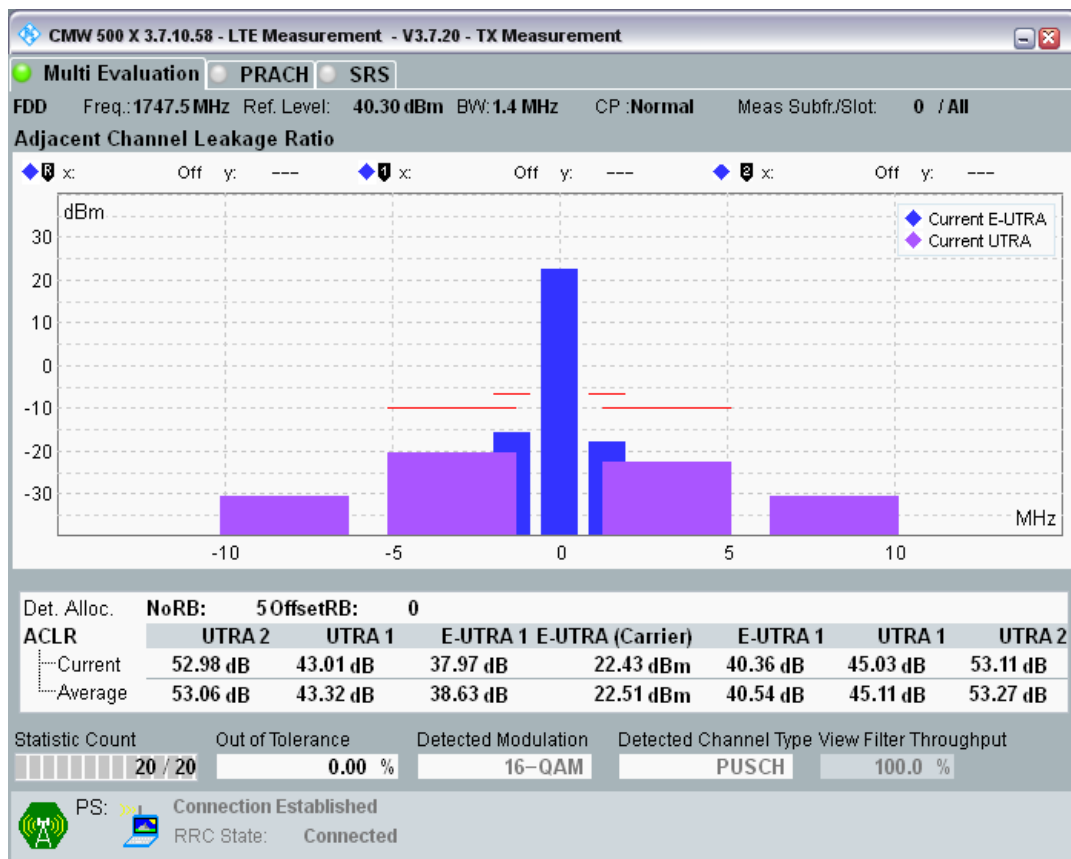
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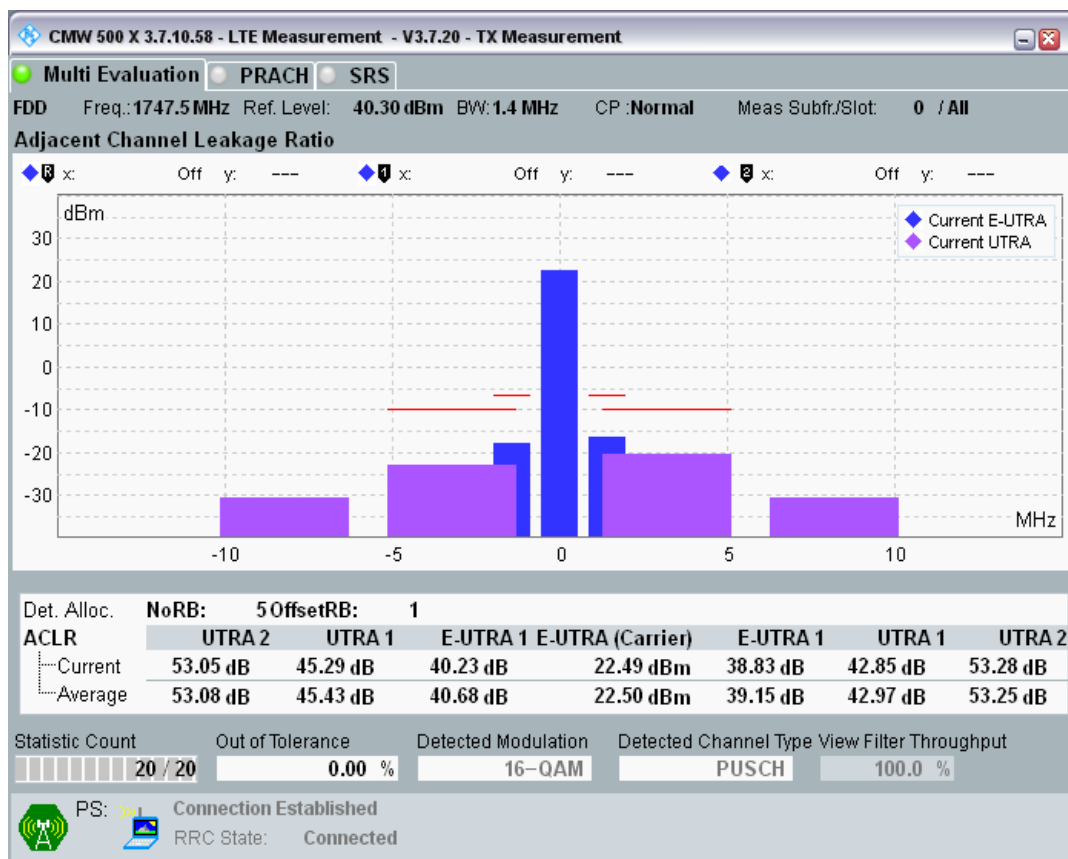
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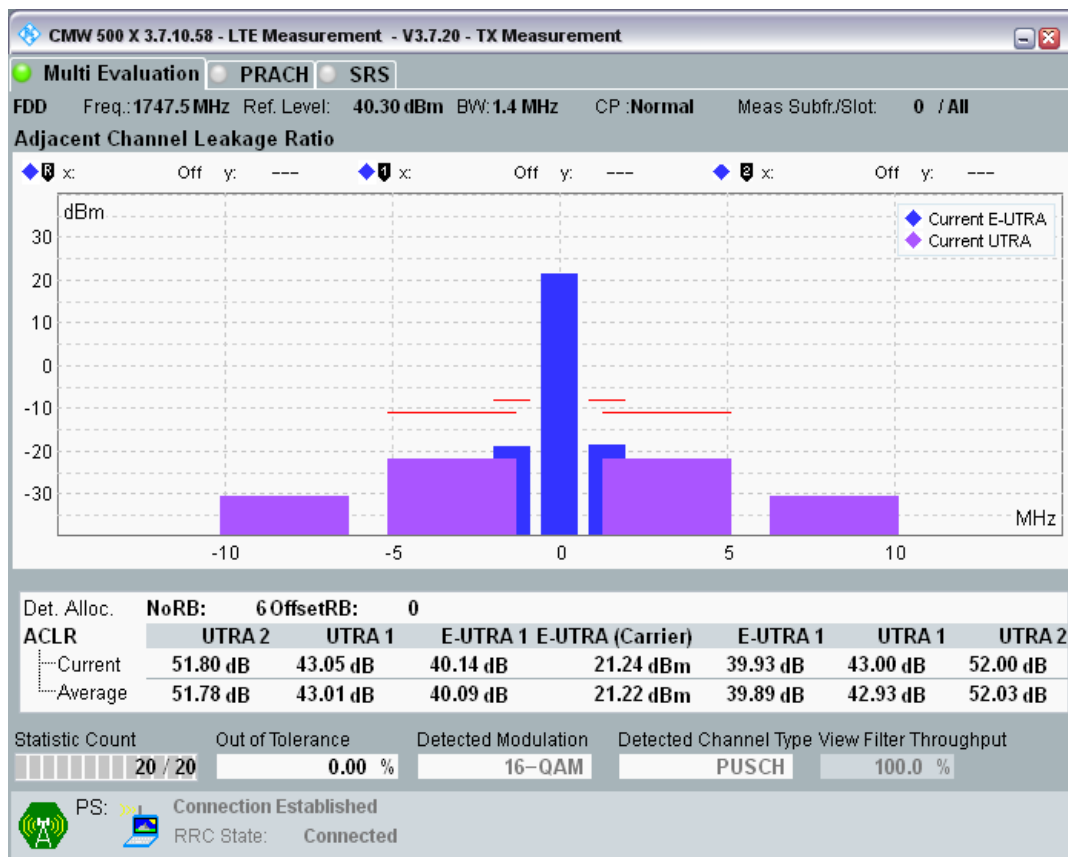
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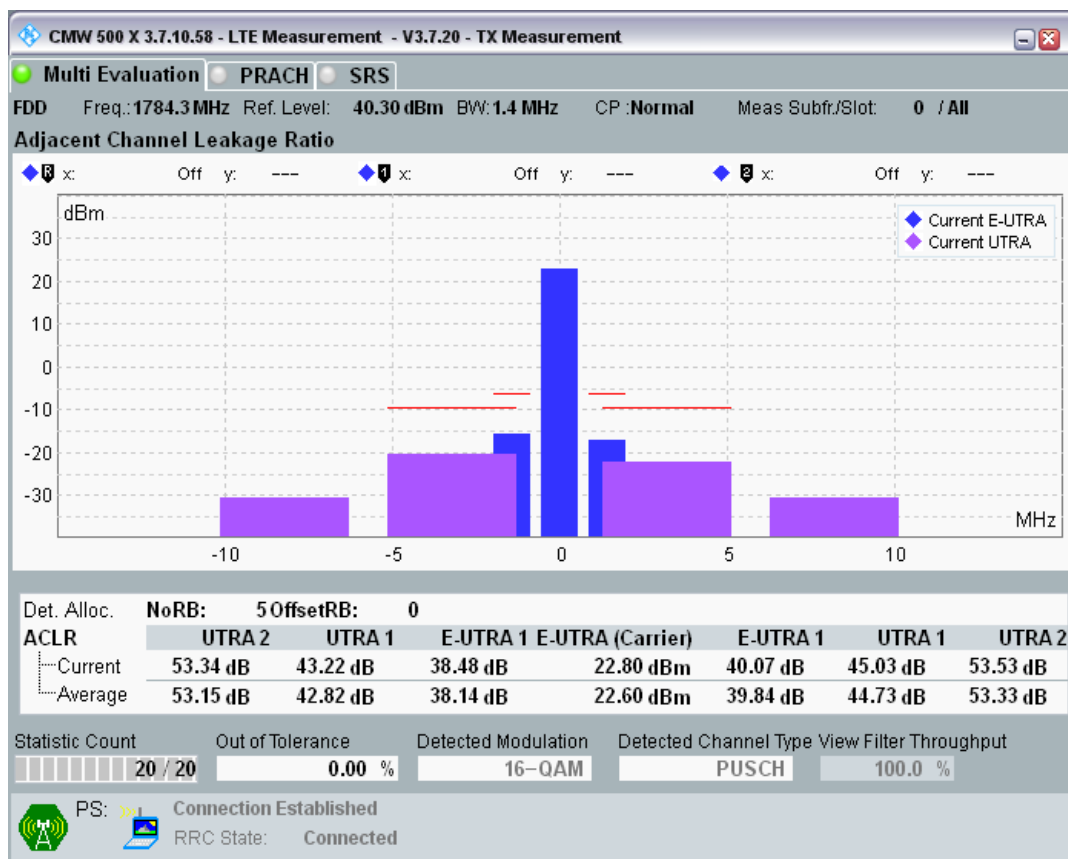
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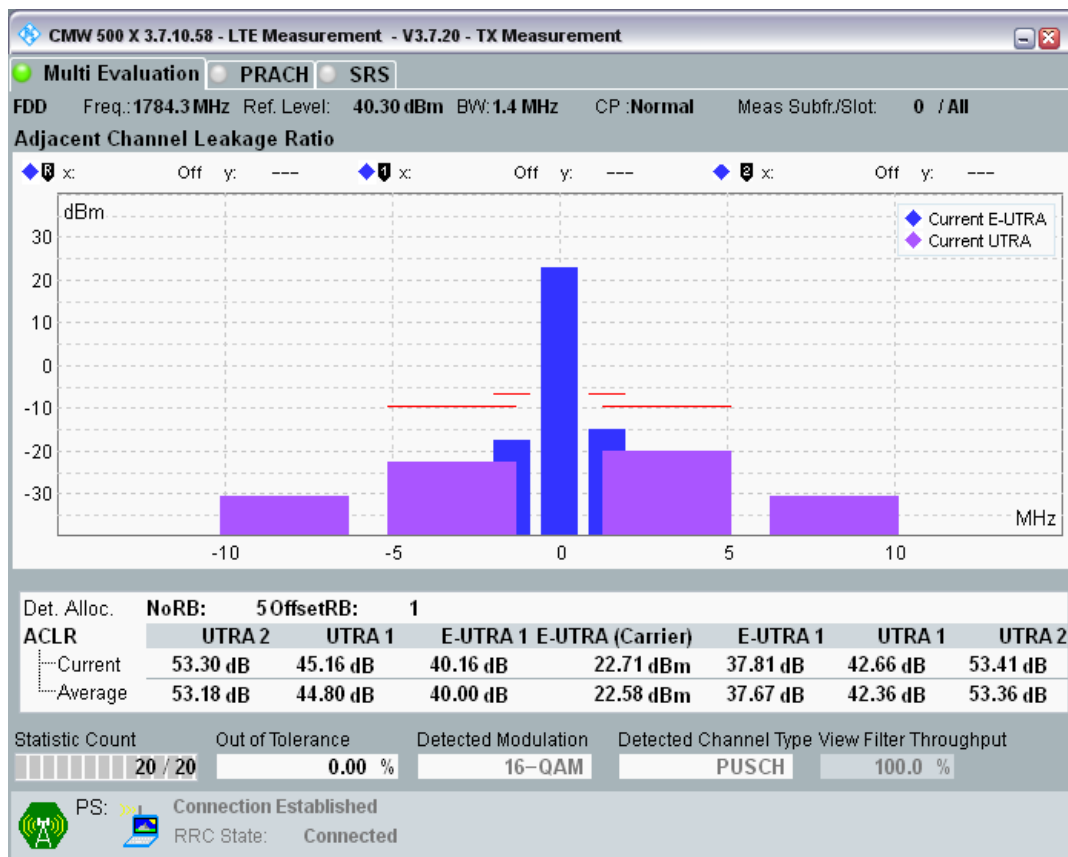
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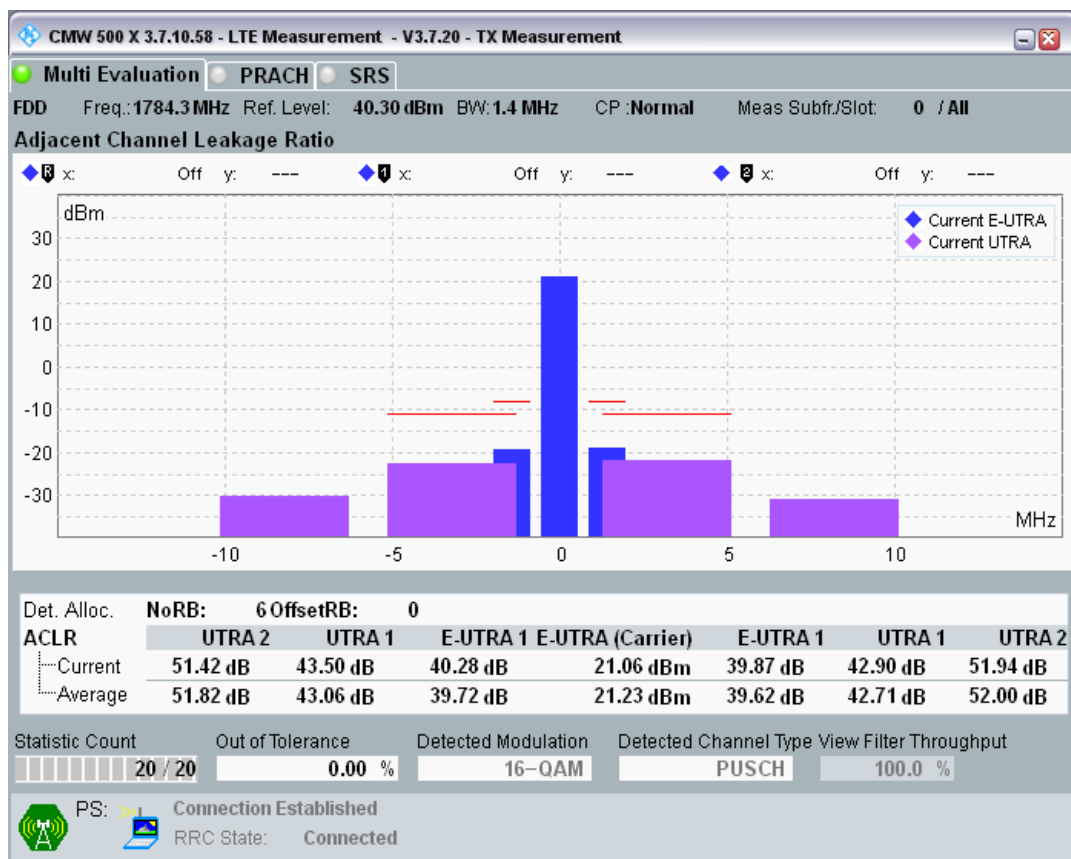
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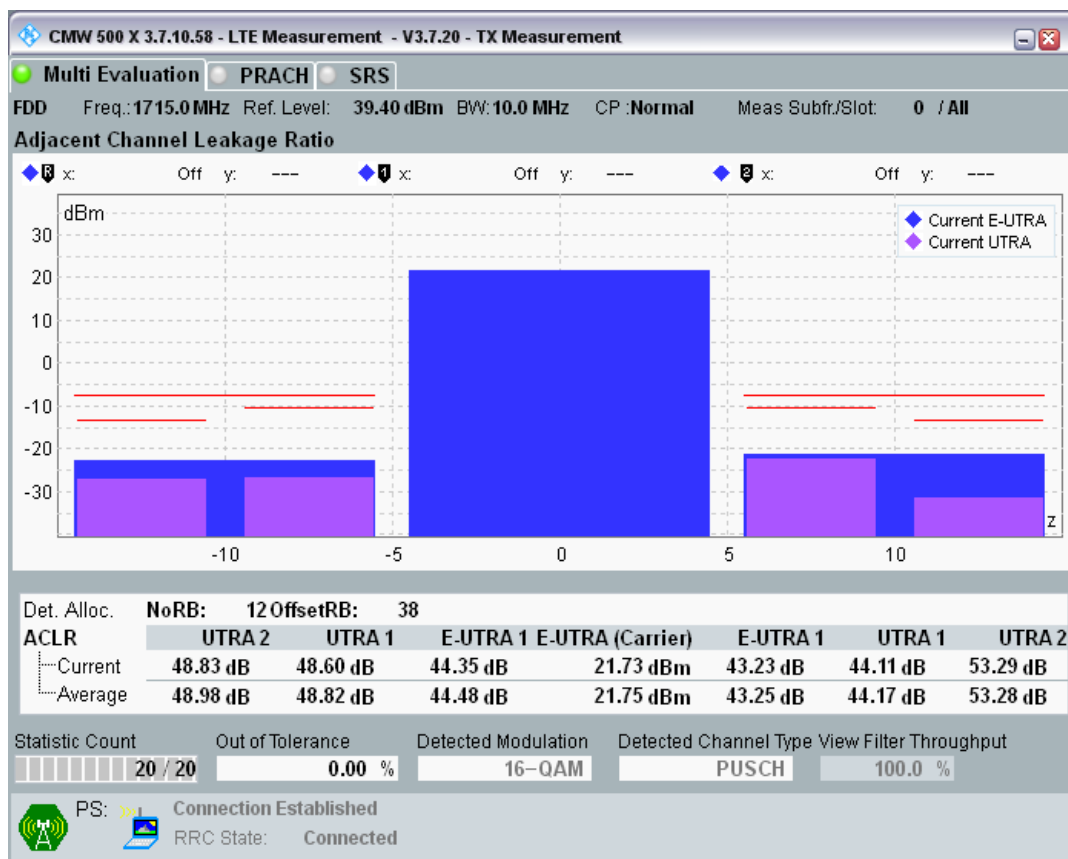
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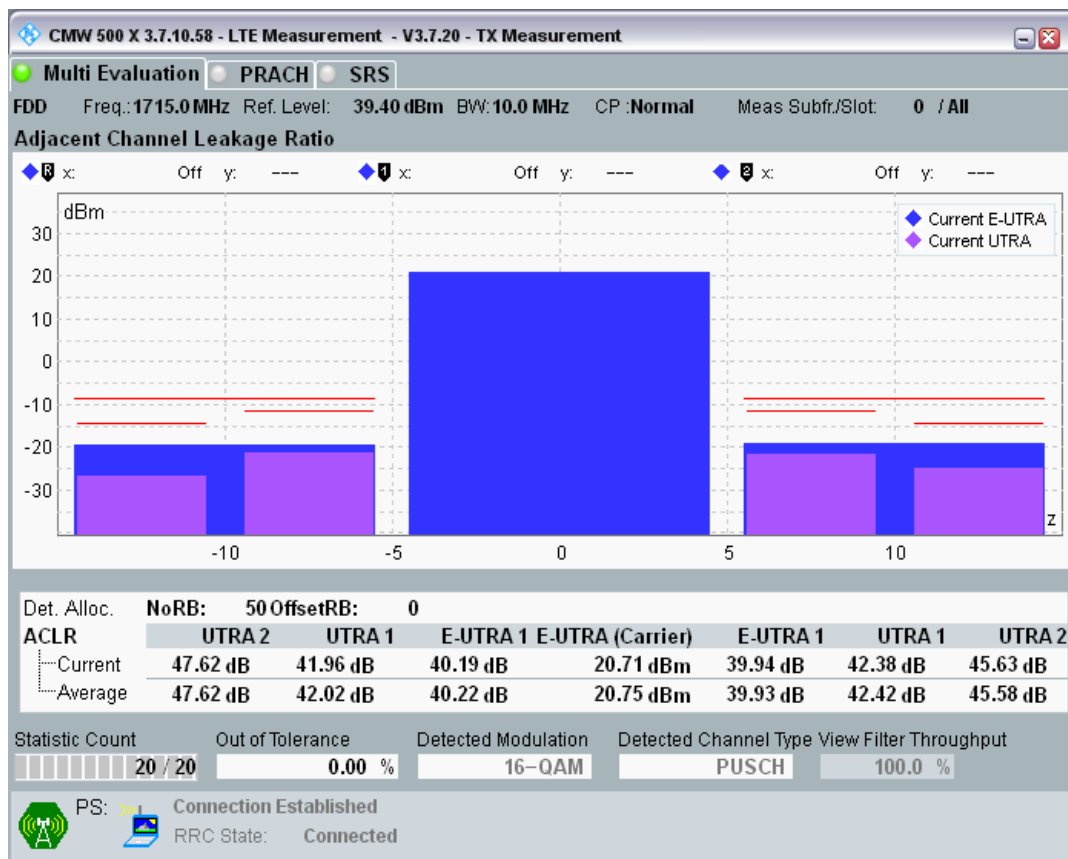
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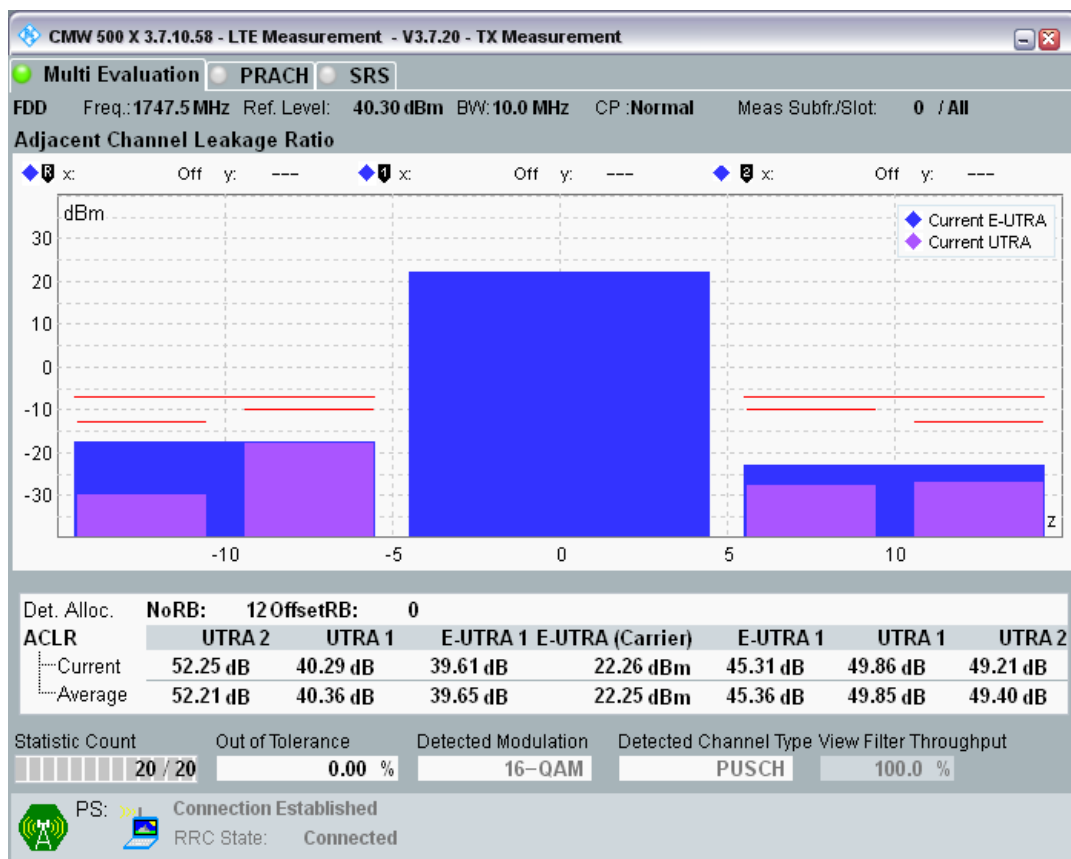
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Band3 QAM16 BW=10MHz Channel=19250 RB Size=50 Position=#0.png



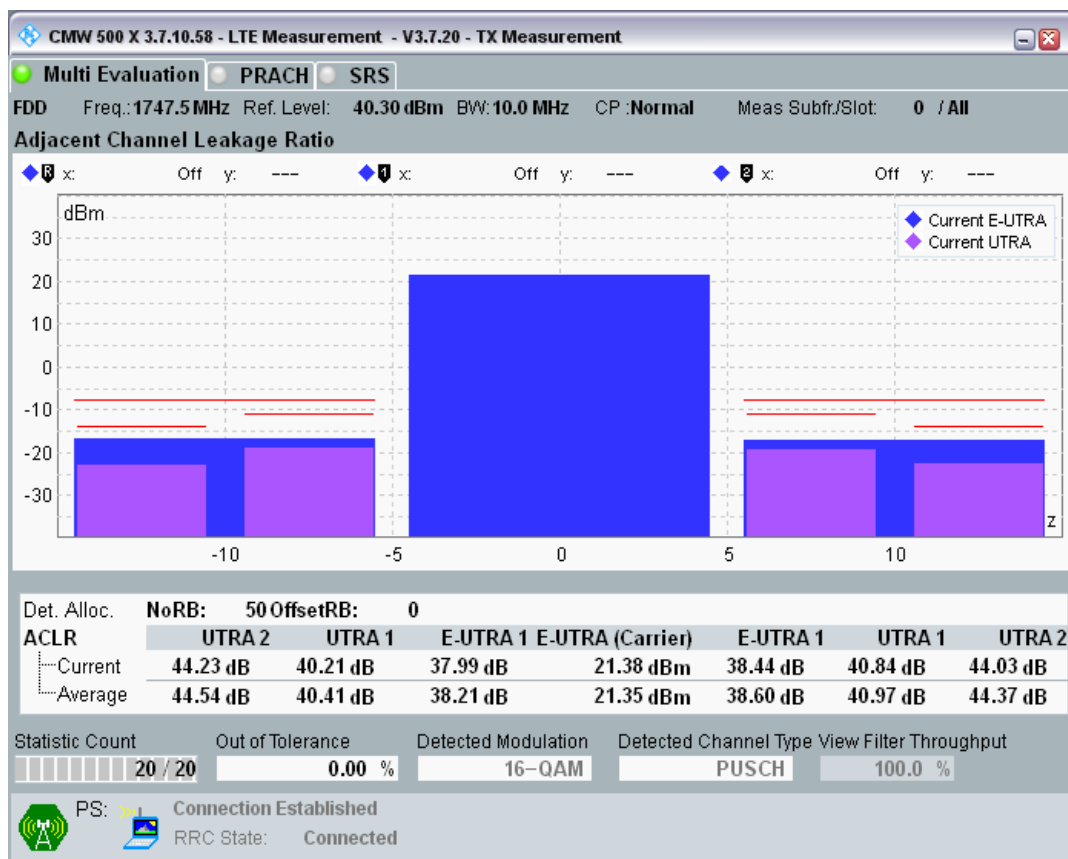
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Band3 QAM16 BW=10MHz Channel=19575 RB Size=12 Position=#Max.png



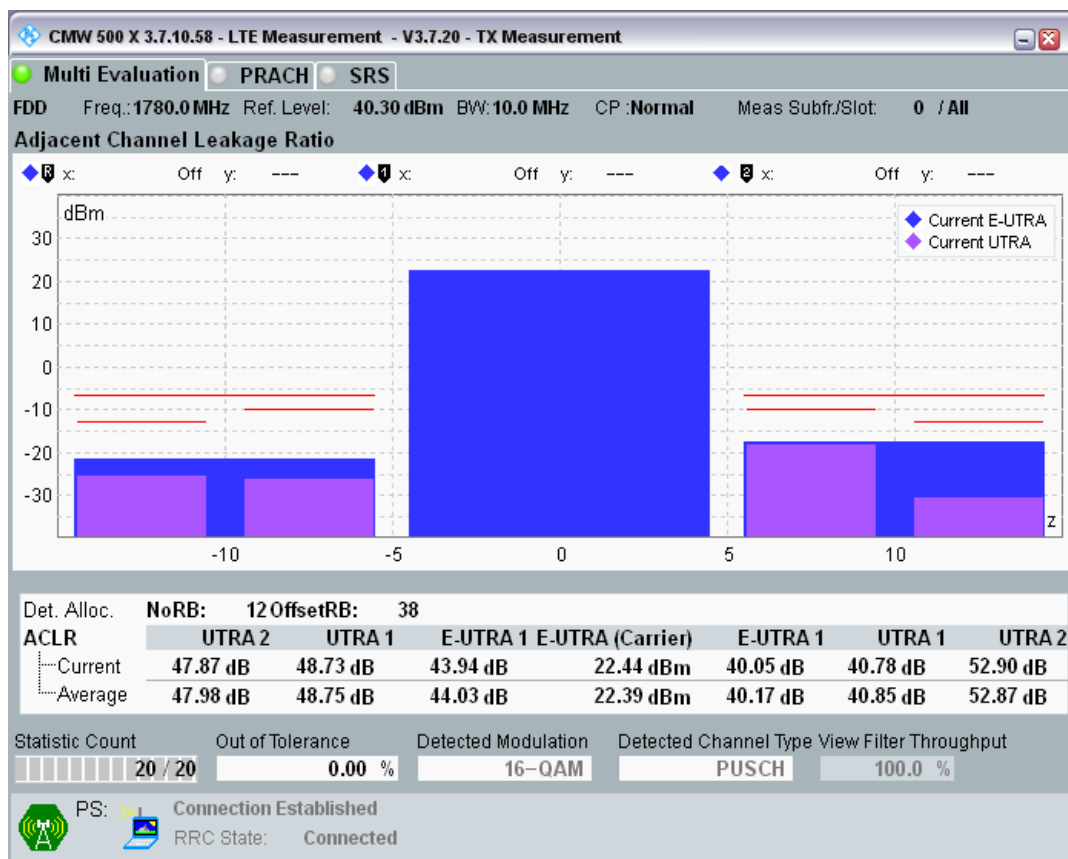
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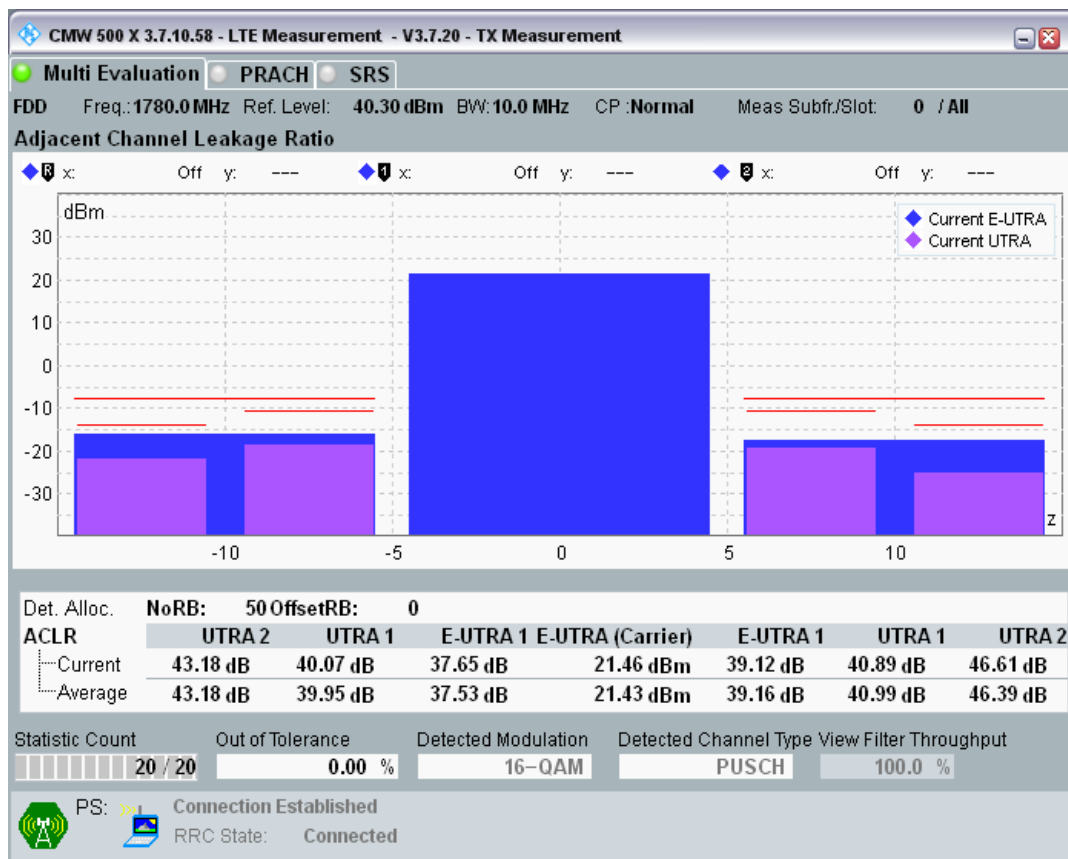
Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#0.png



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



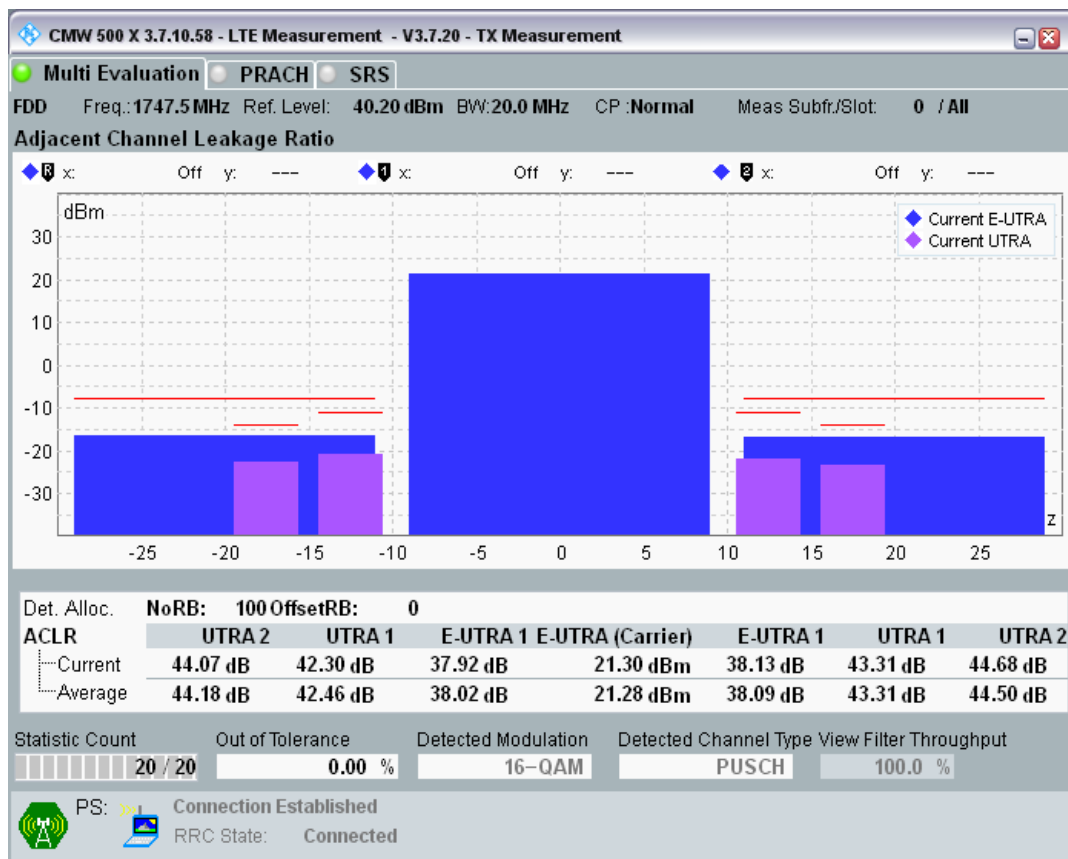
Band3 QAM16 BW=20MHz Channel=19300 RB Size=18 Position=#0.png



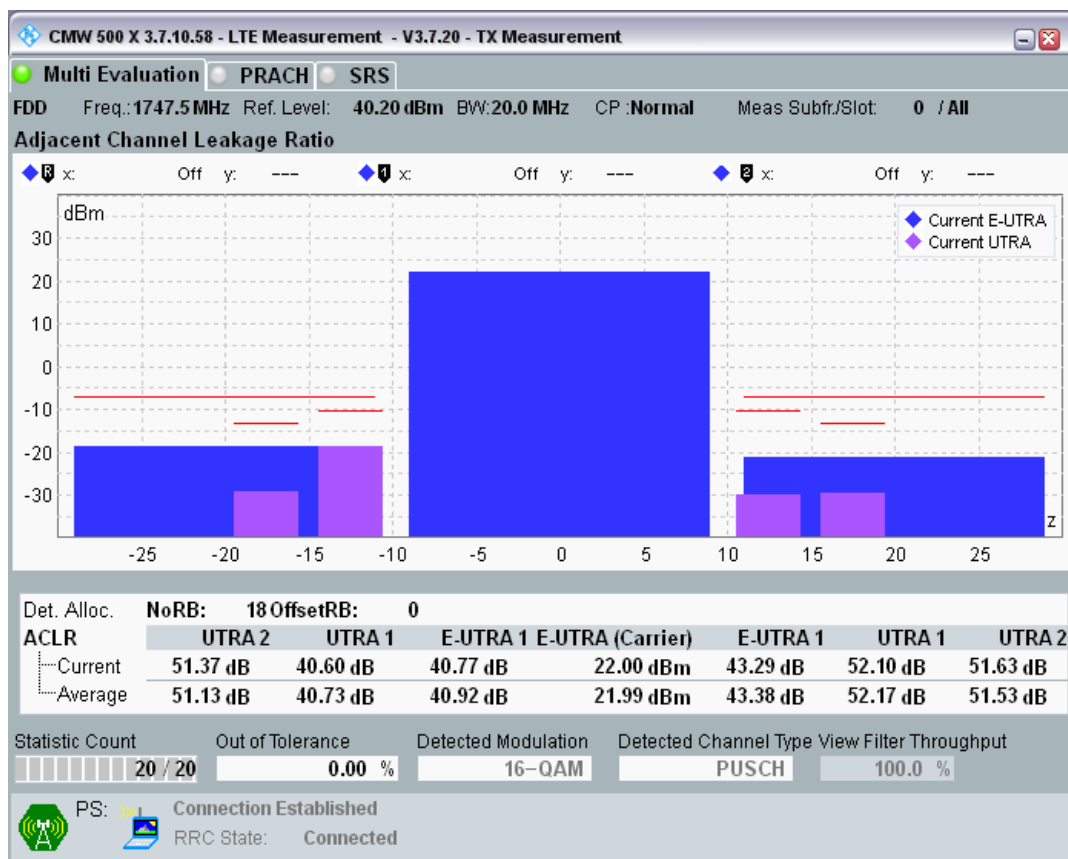
Band3 QAM16 BW=20MHz Channel=19300 RB Size=18 Position=#Max.png



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



Band3 QAM16 BW=20MHz Channel=19850 RB Size=100 Position=#0.png



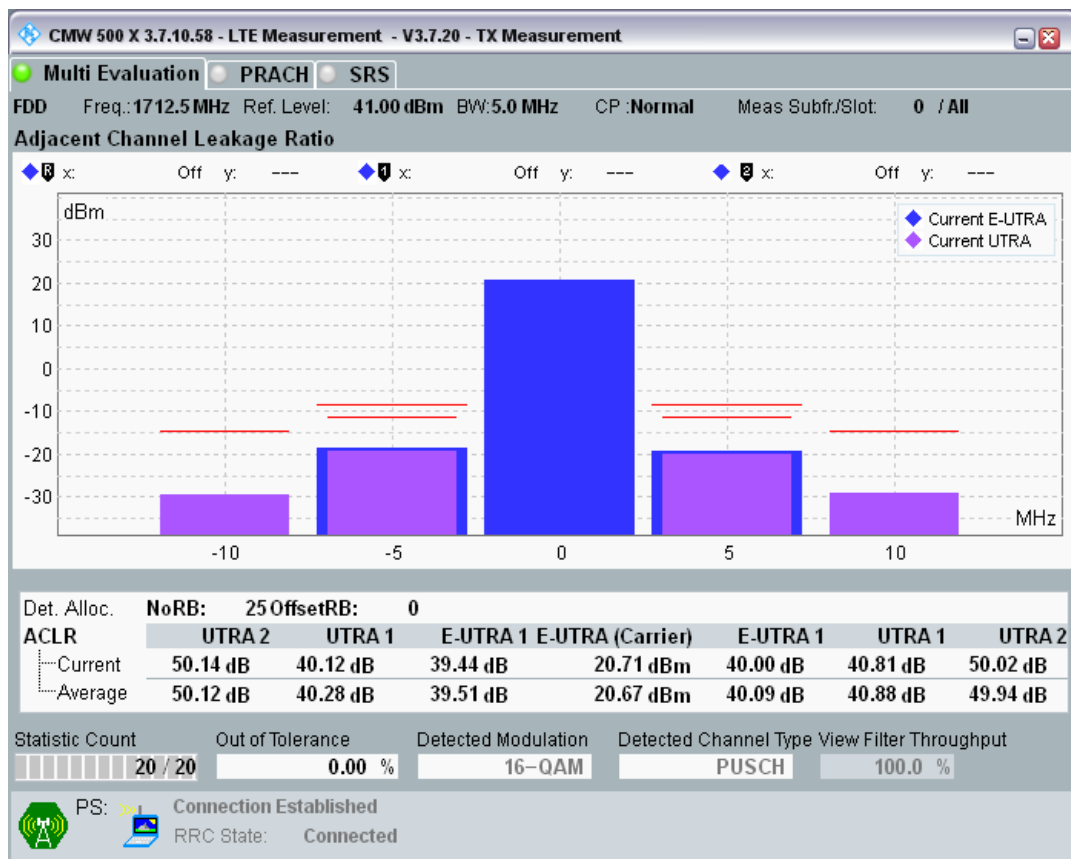
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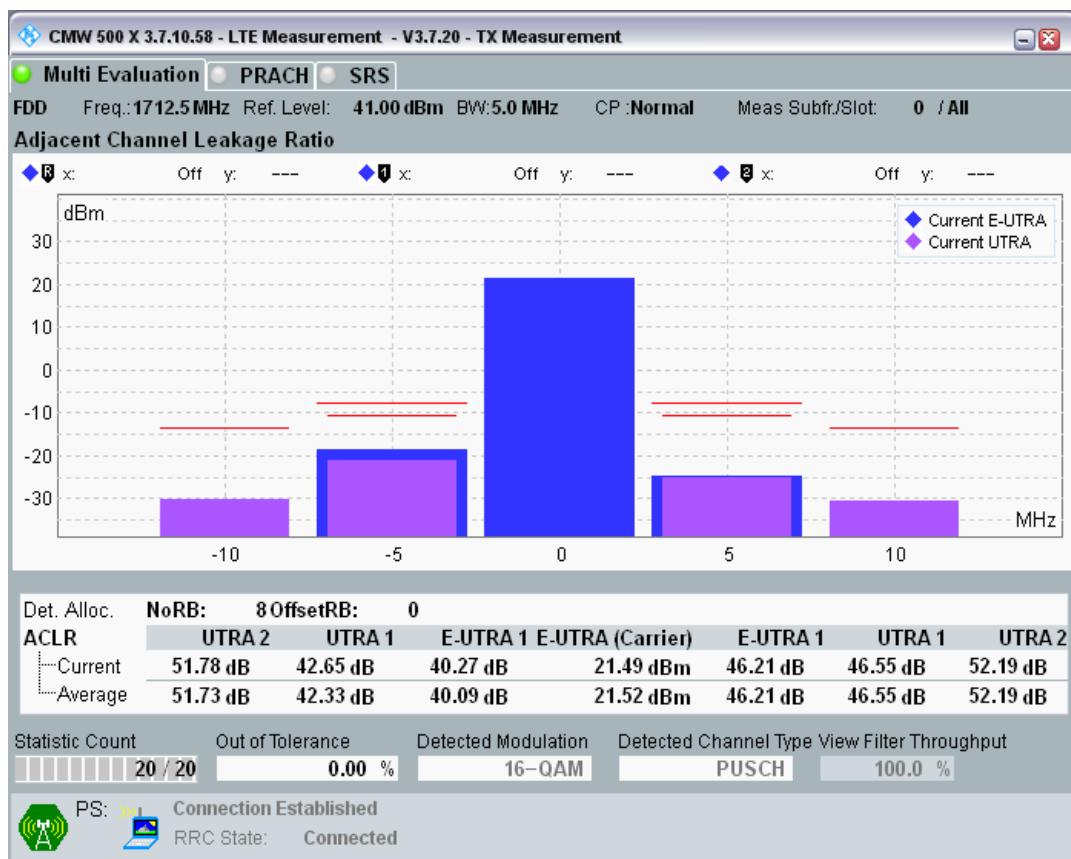
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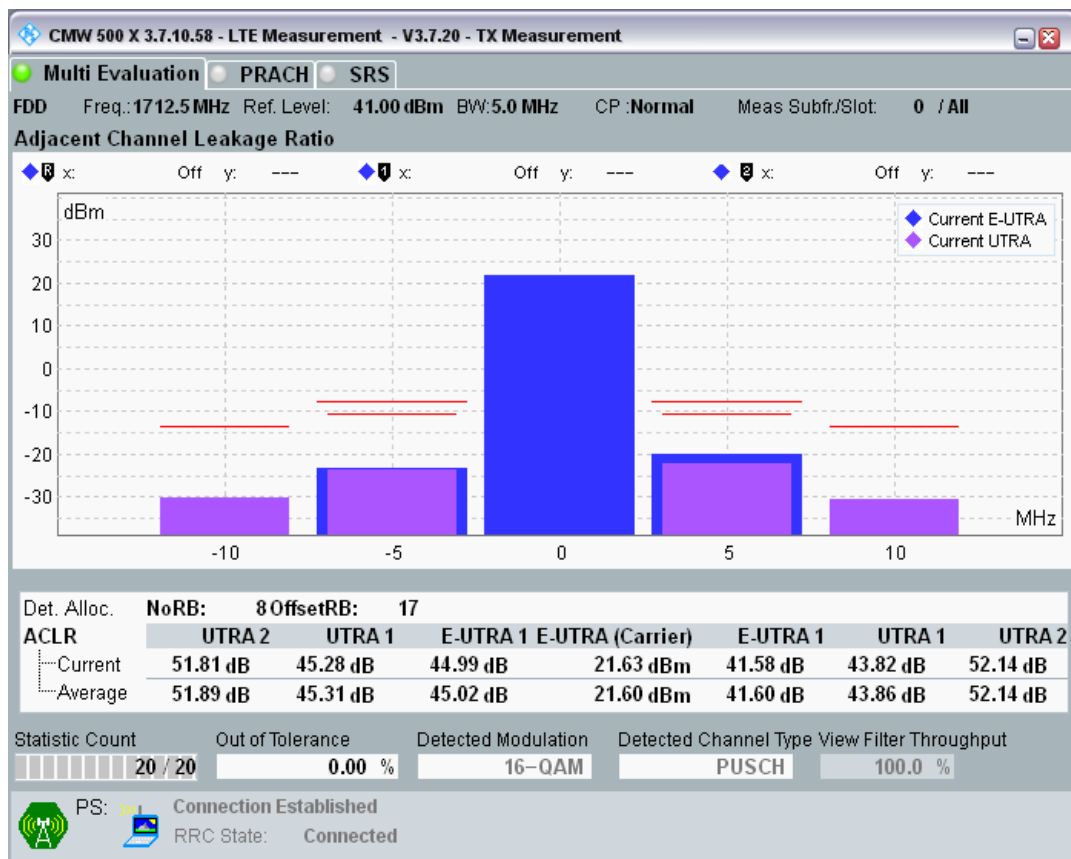
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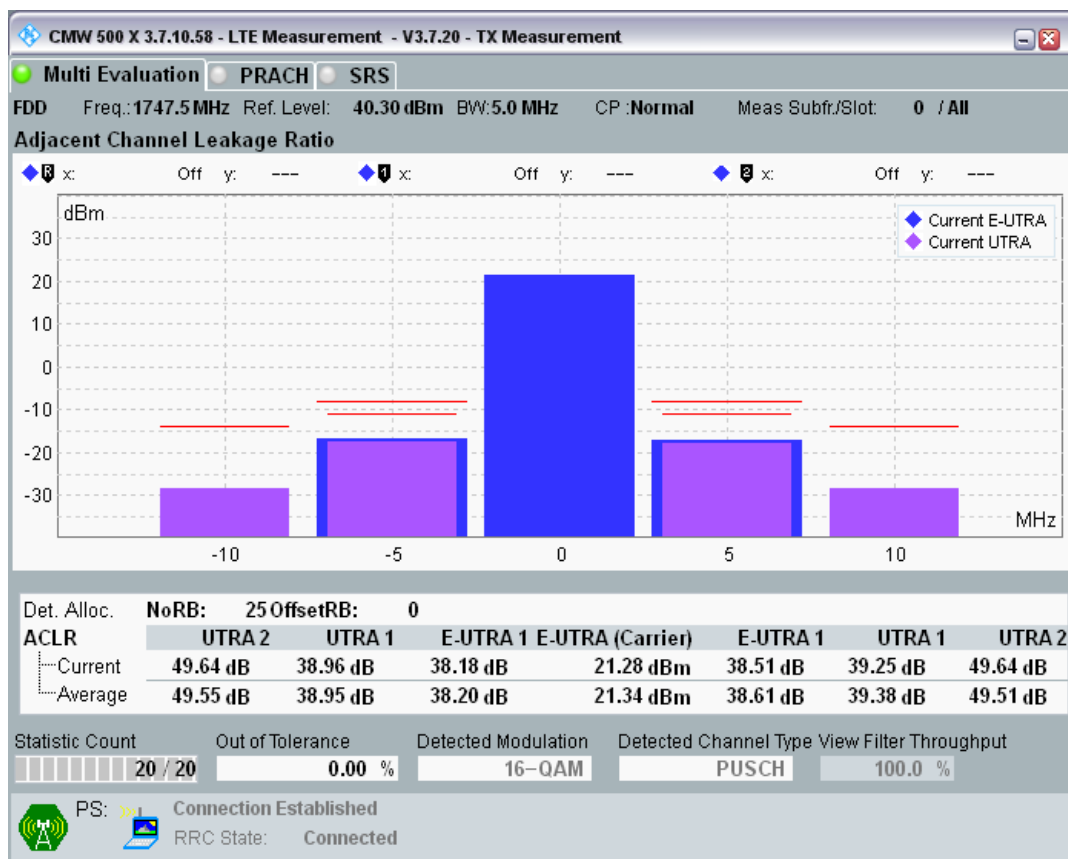
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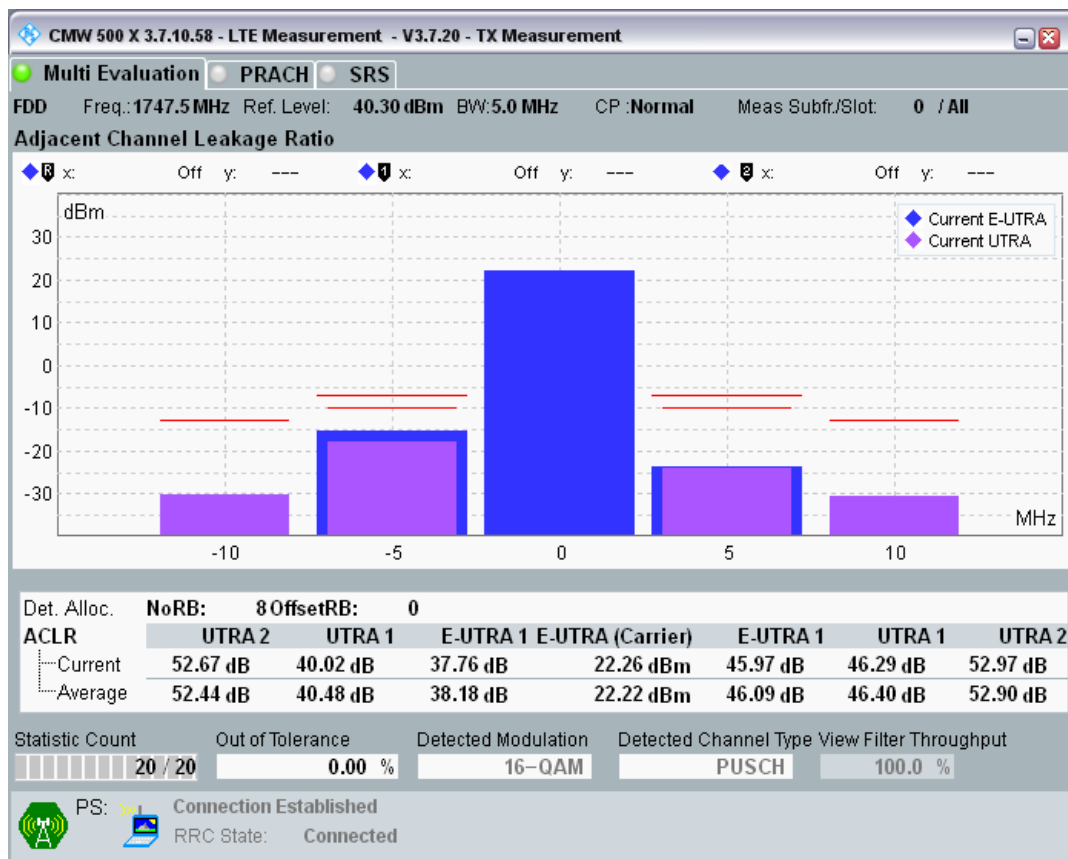
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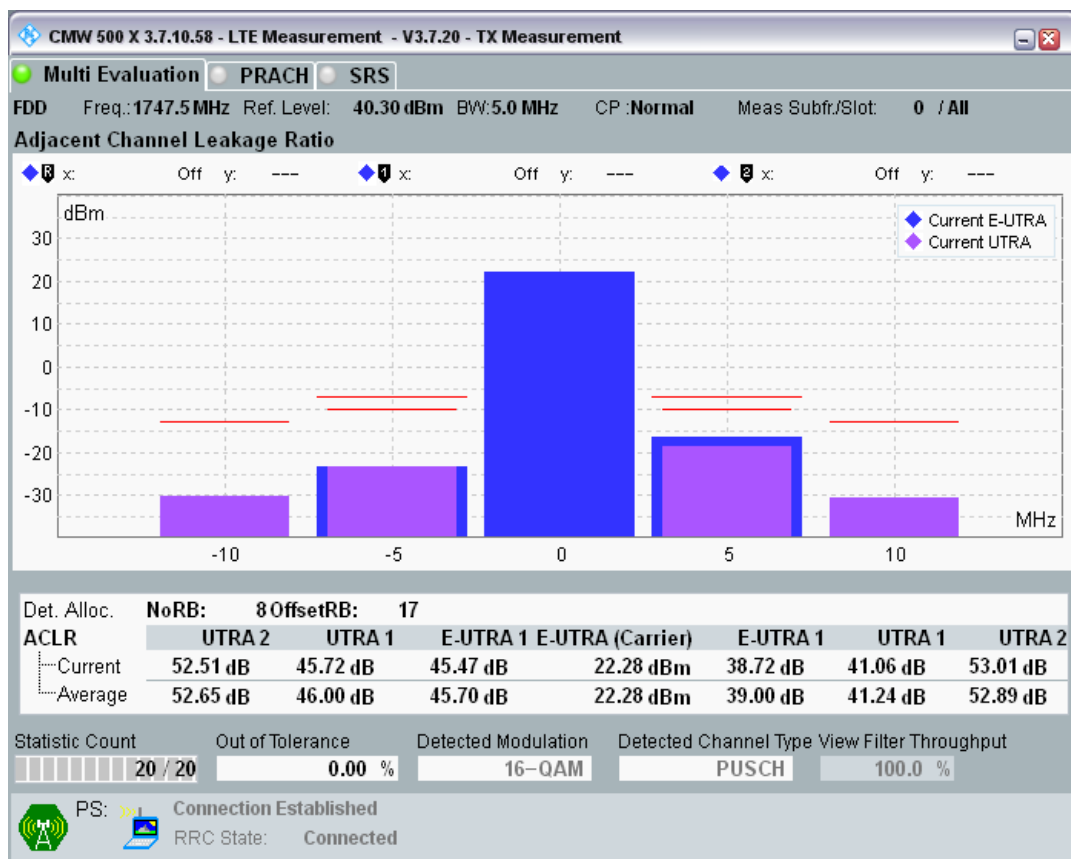
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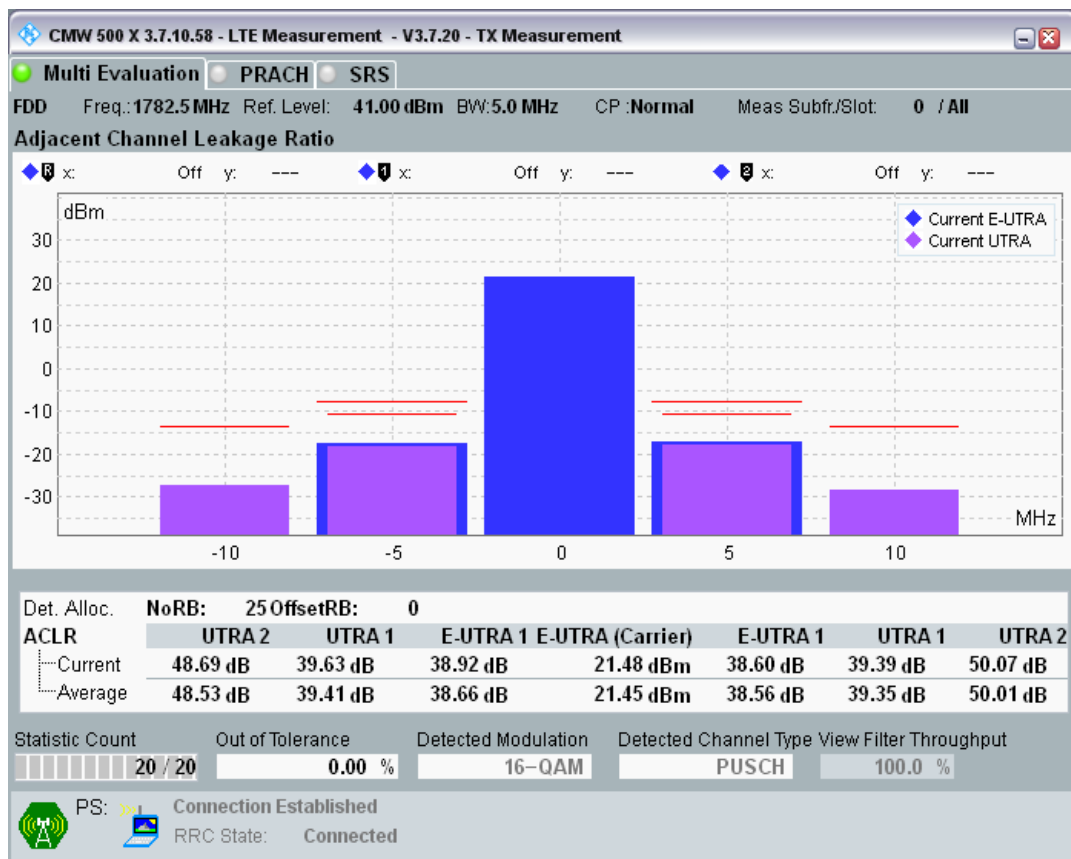
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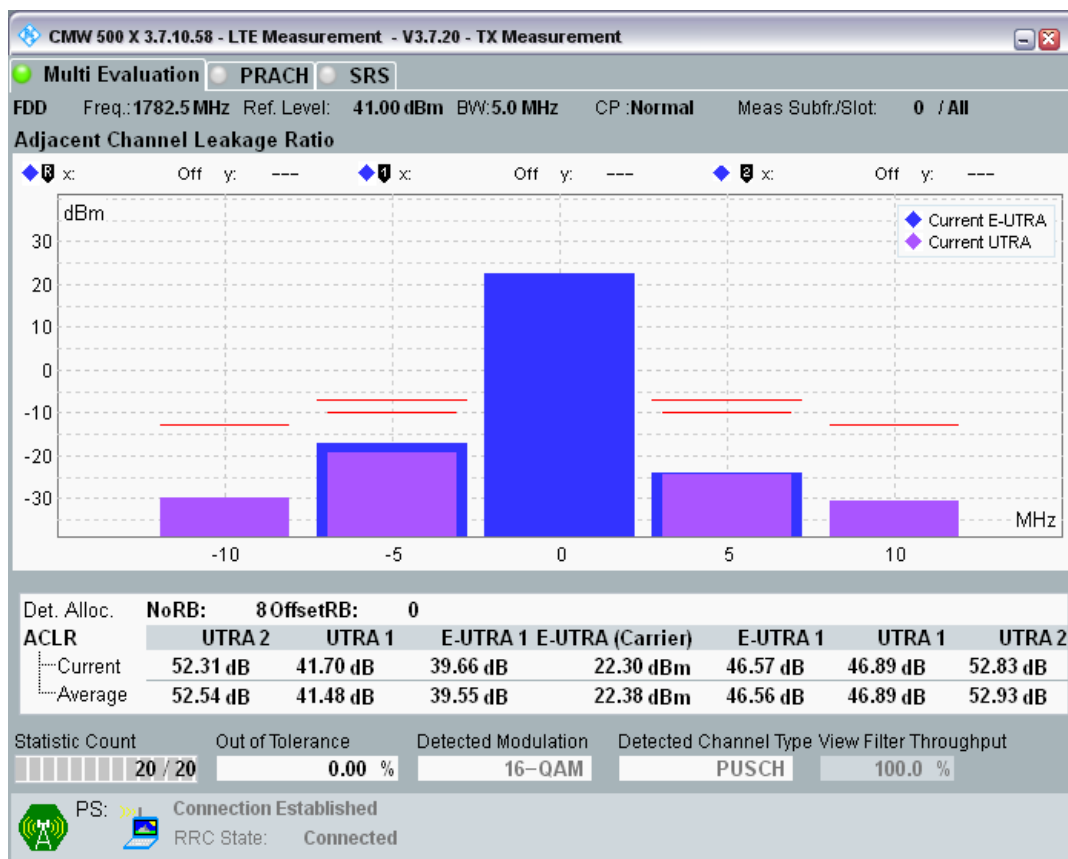
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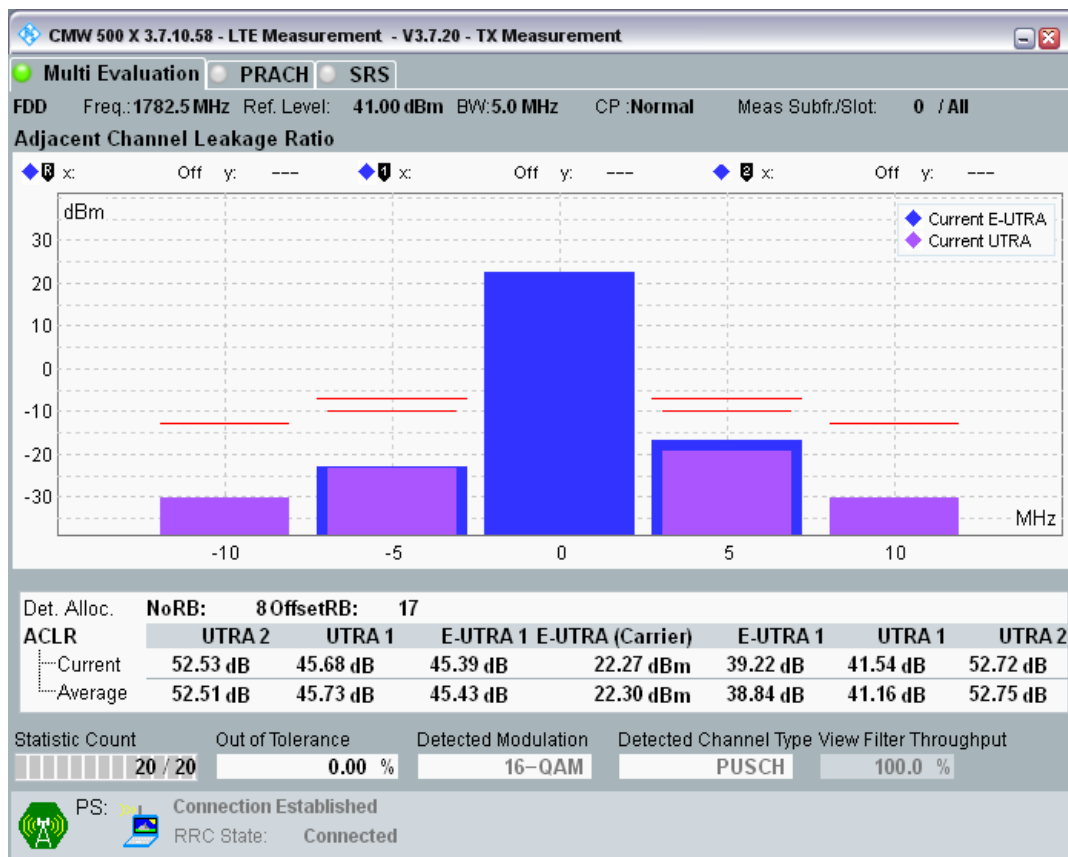
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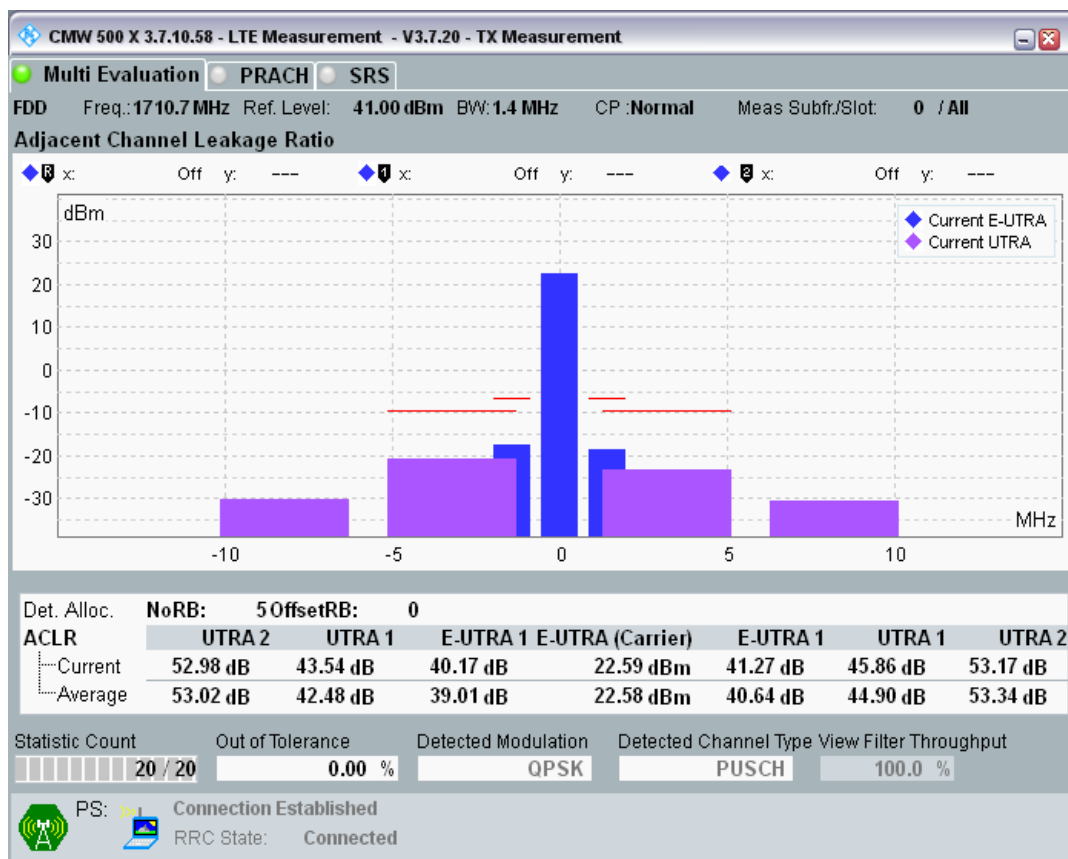
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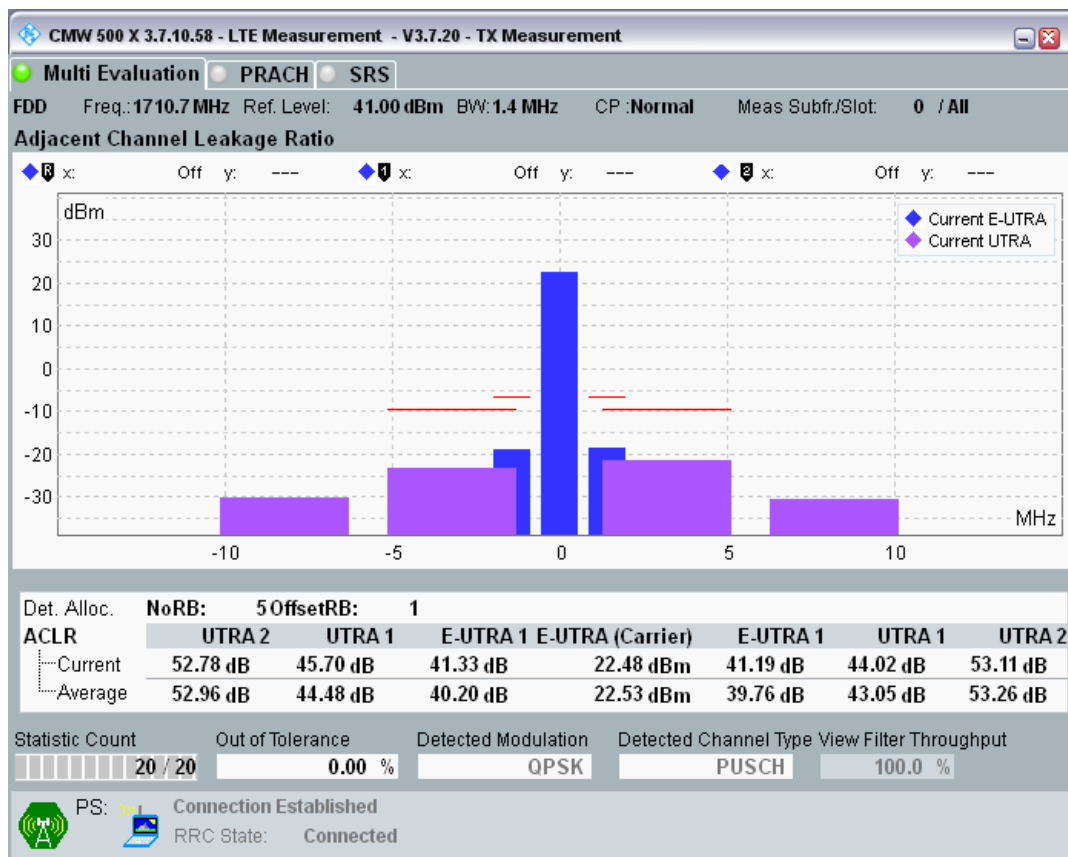
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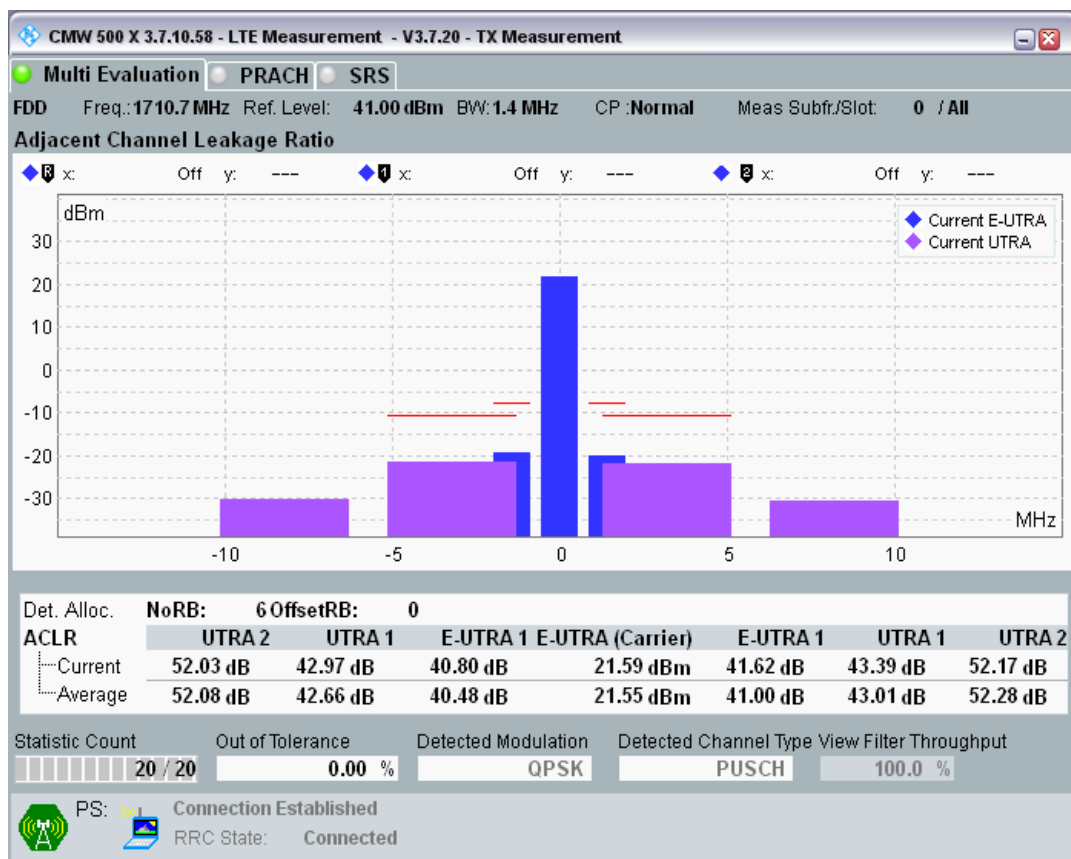
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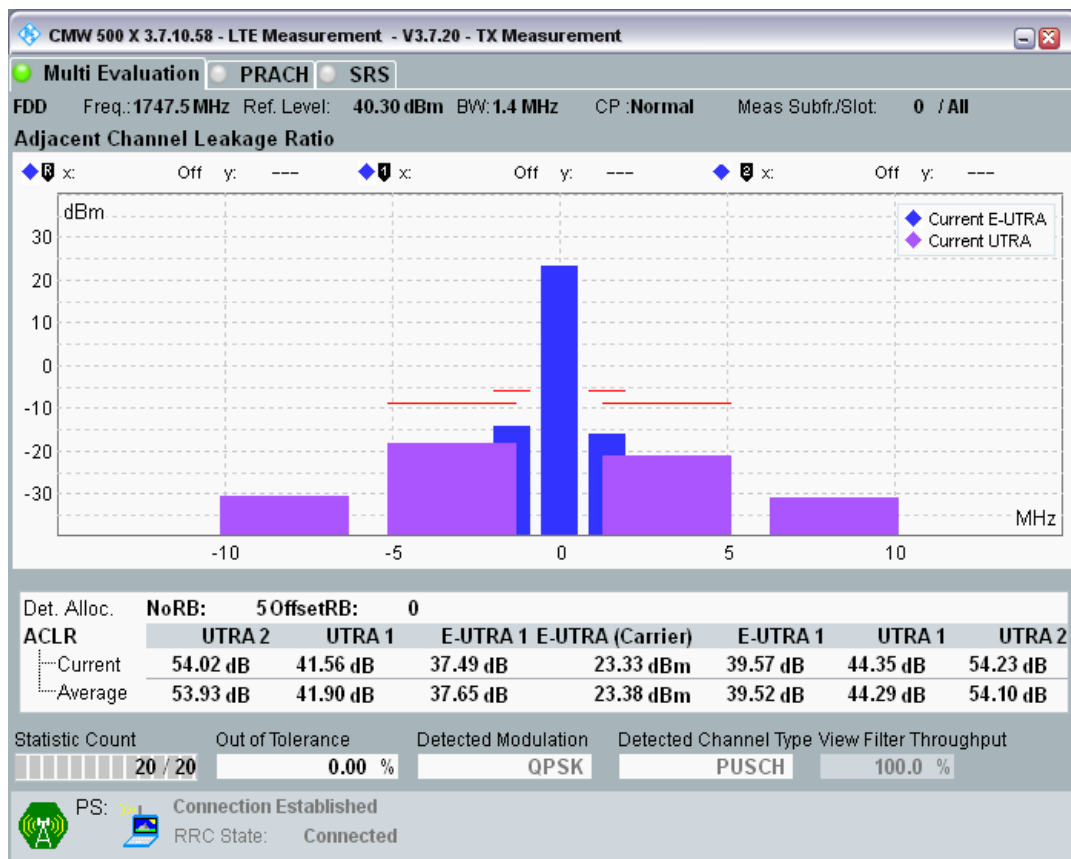
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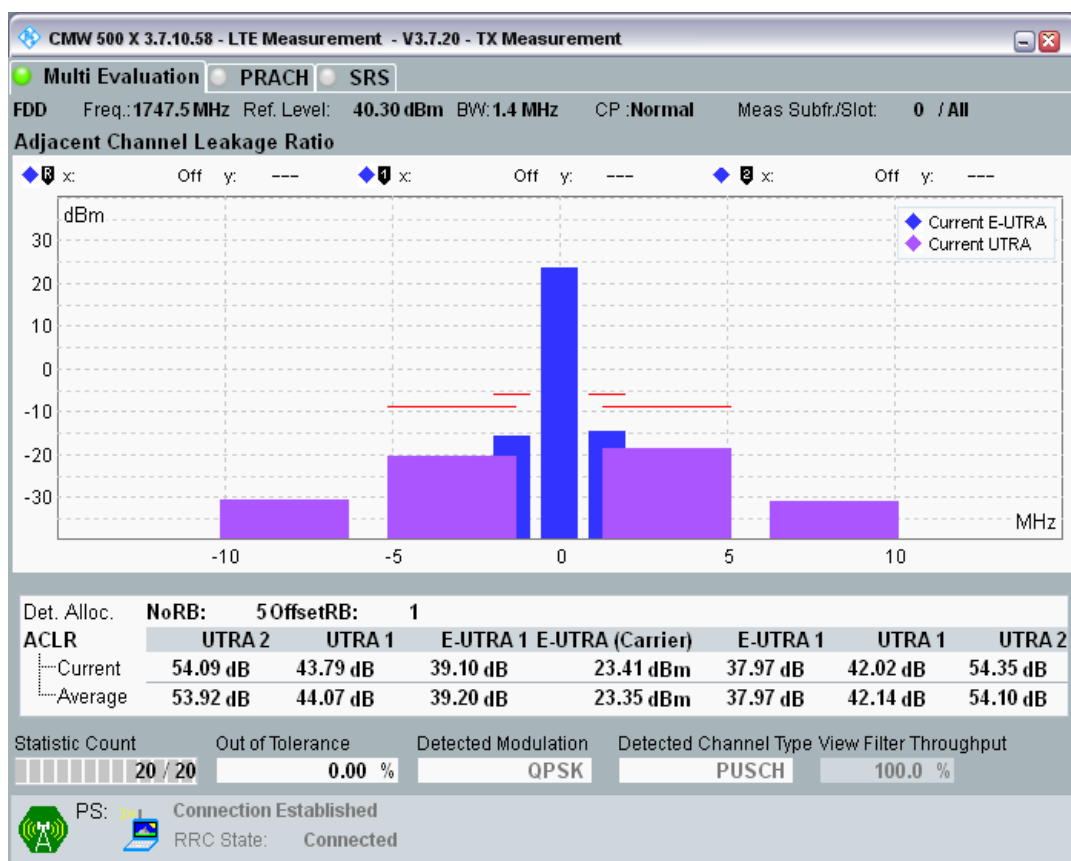
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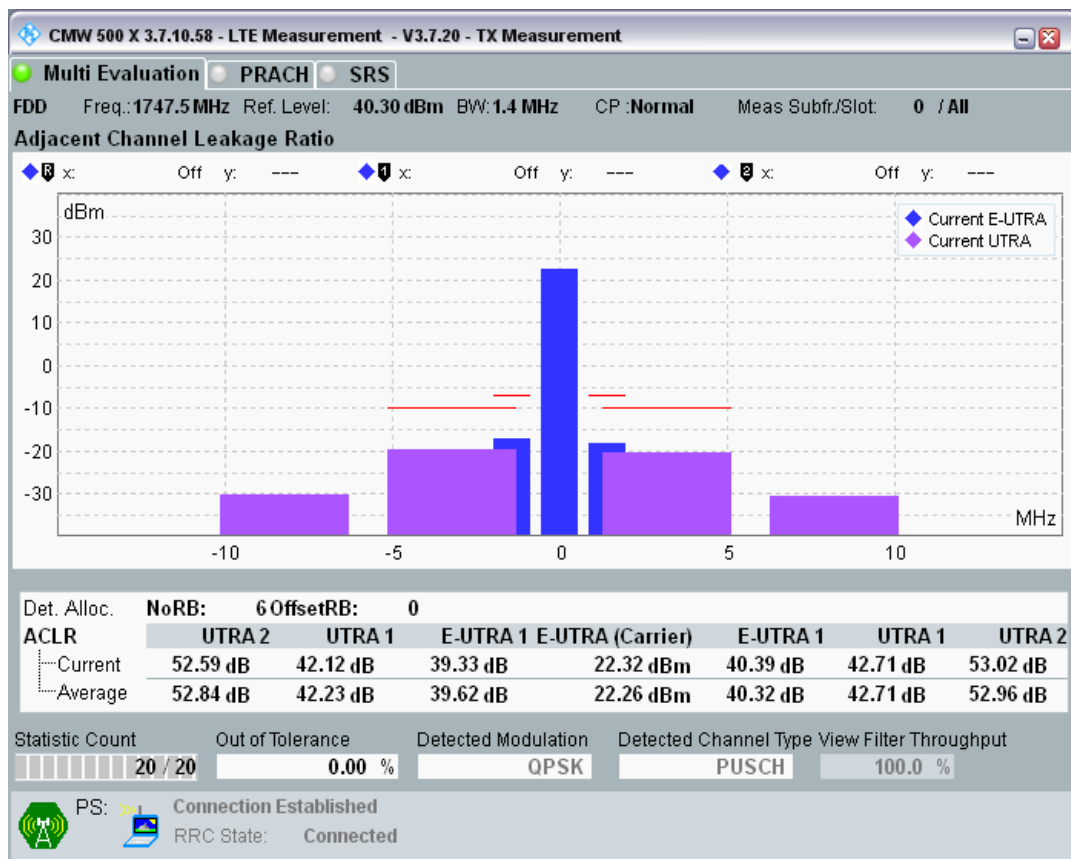
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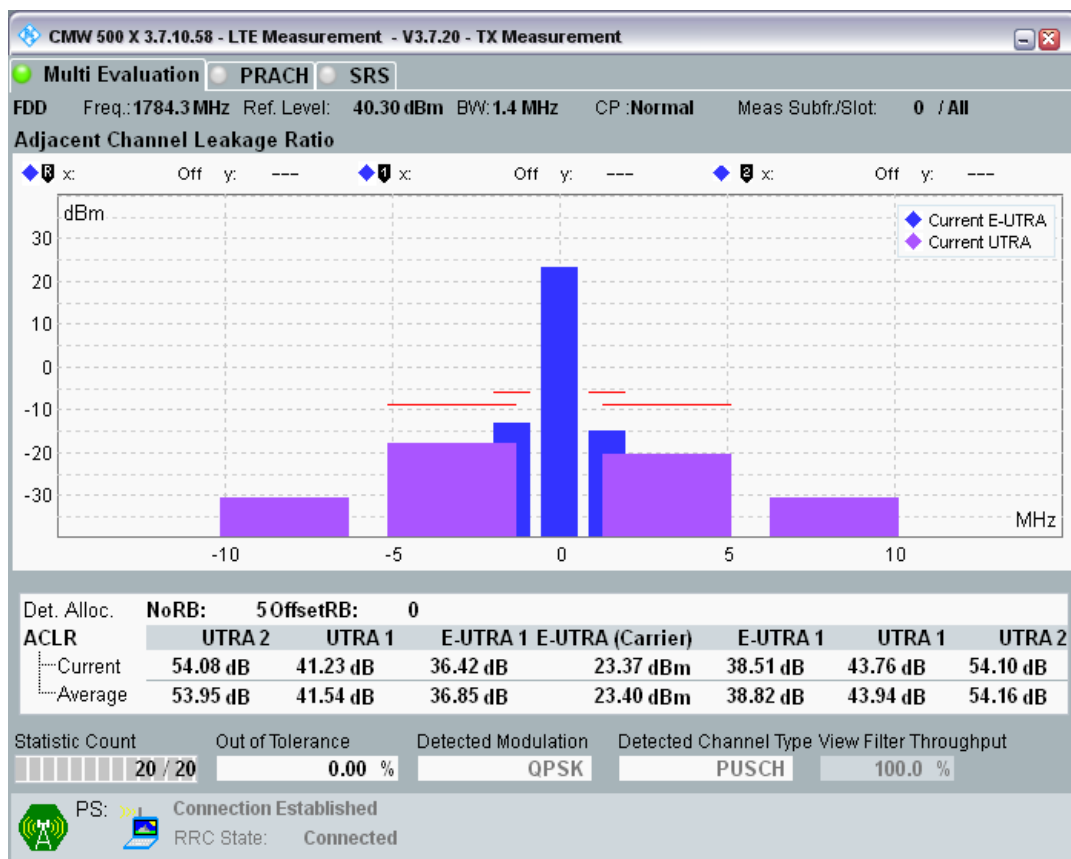
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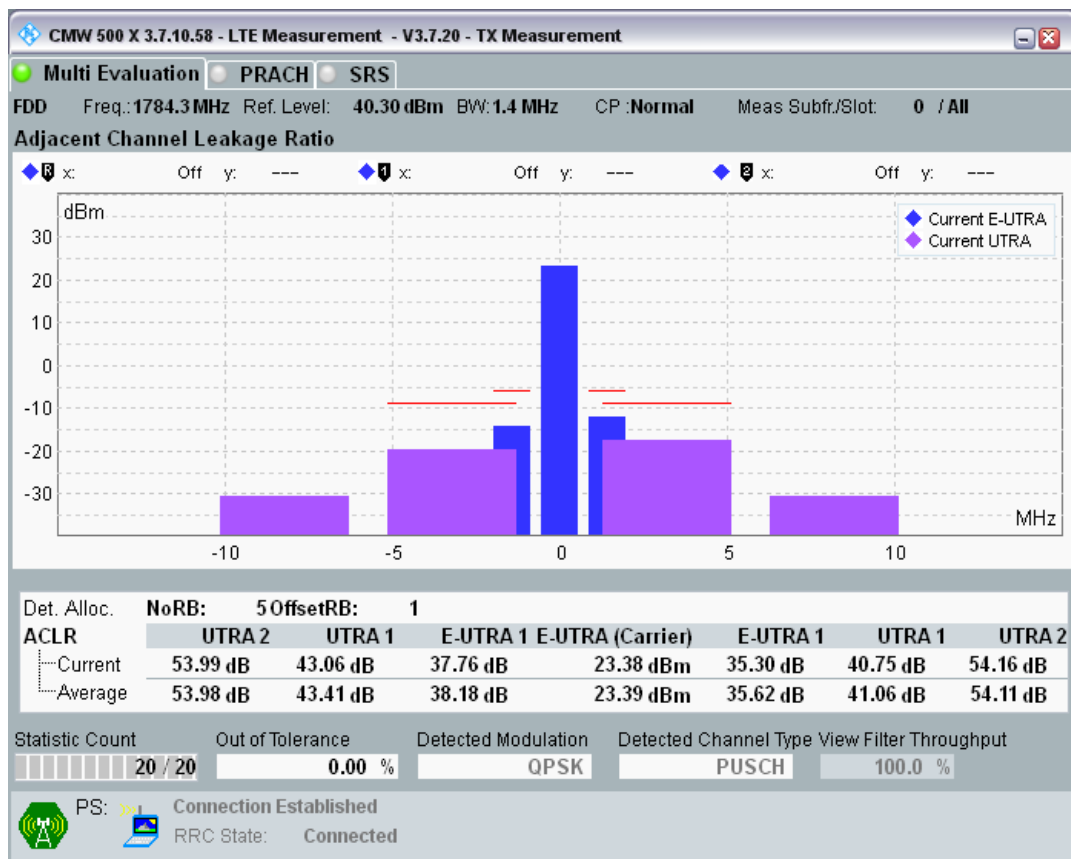
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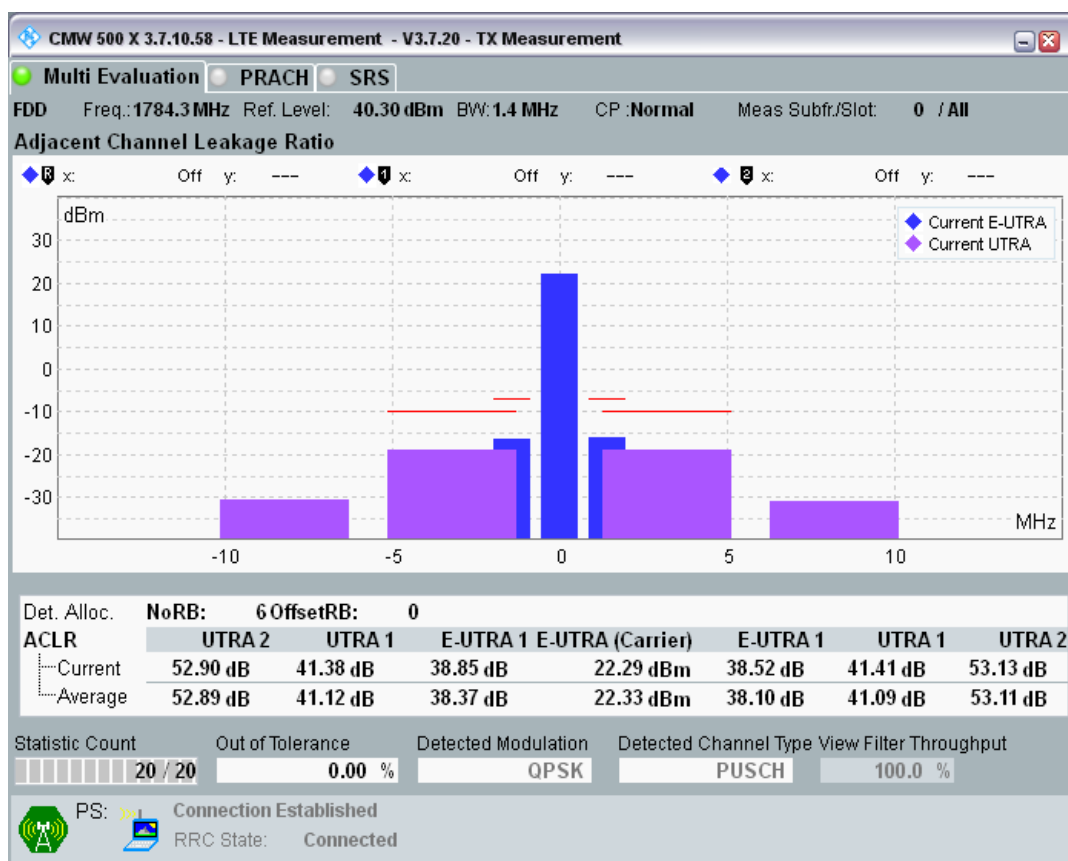
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



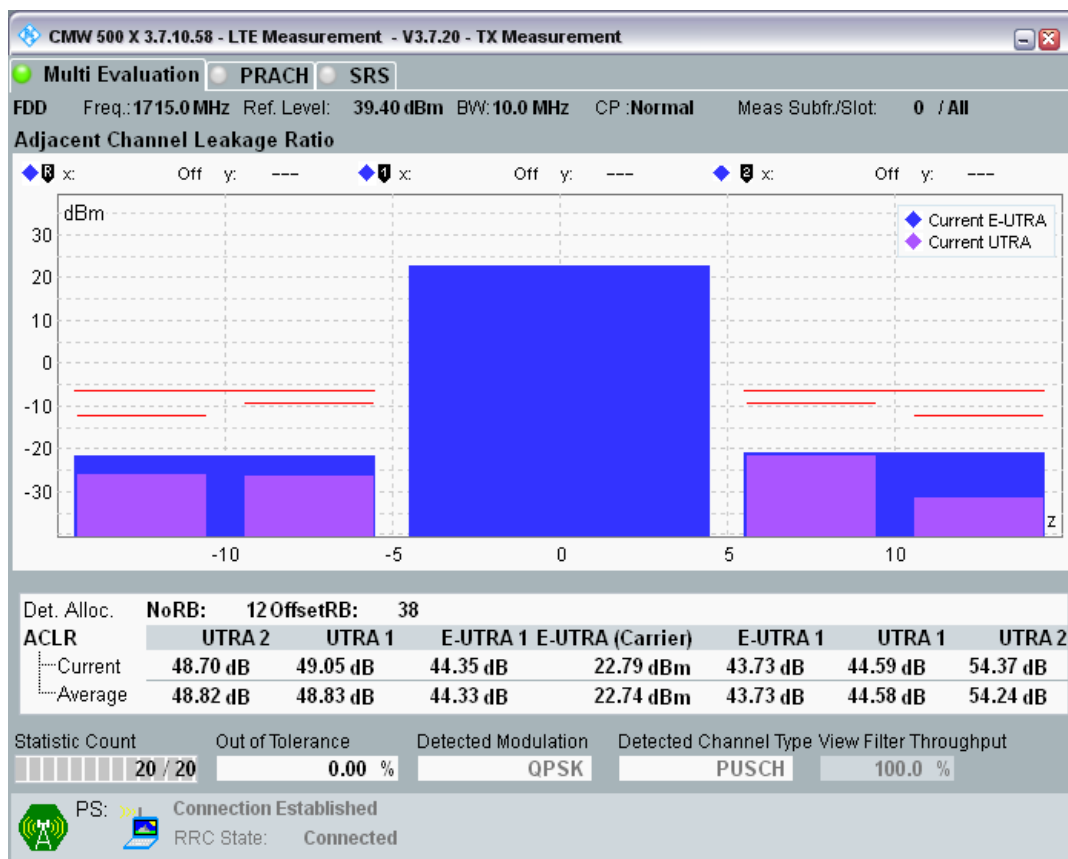
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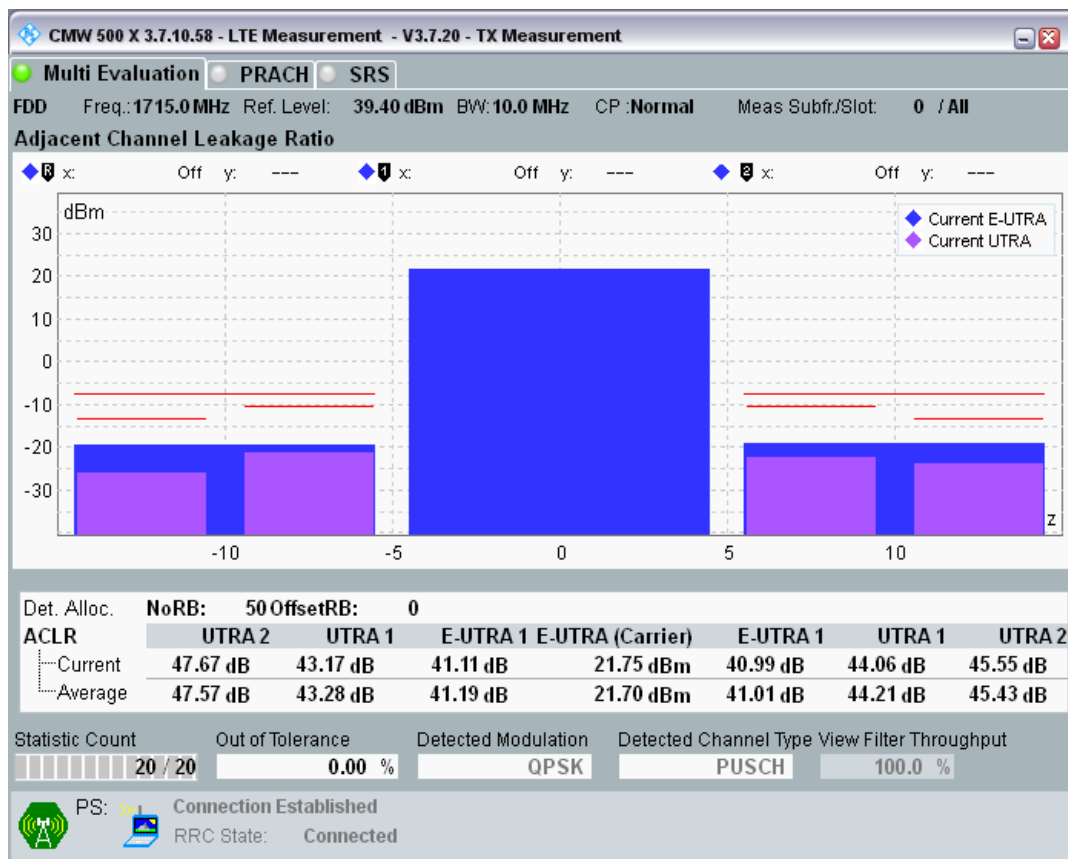
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Band3 QPSK BW=10MHz Channel=19250 RB Size=12 Position=#Max.png



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



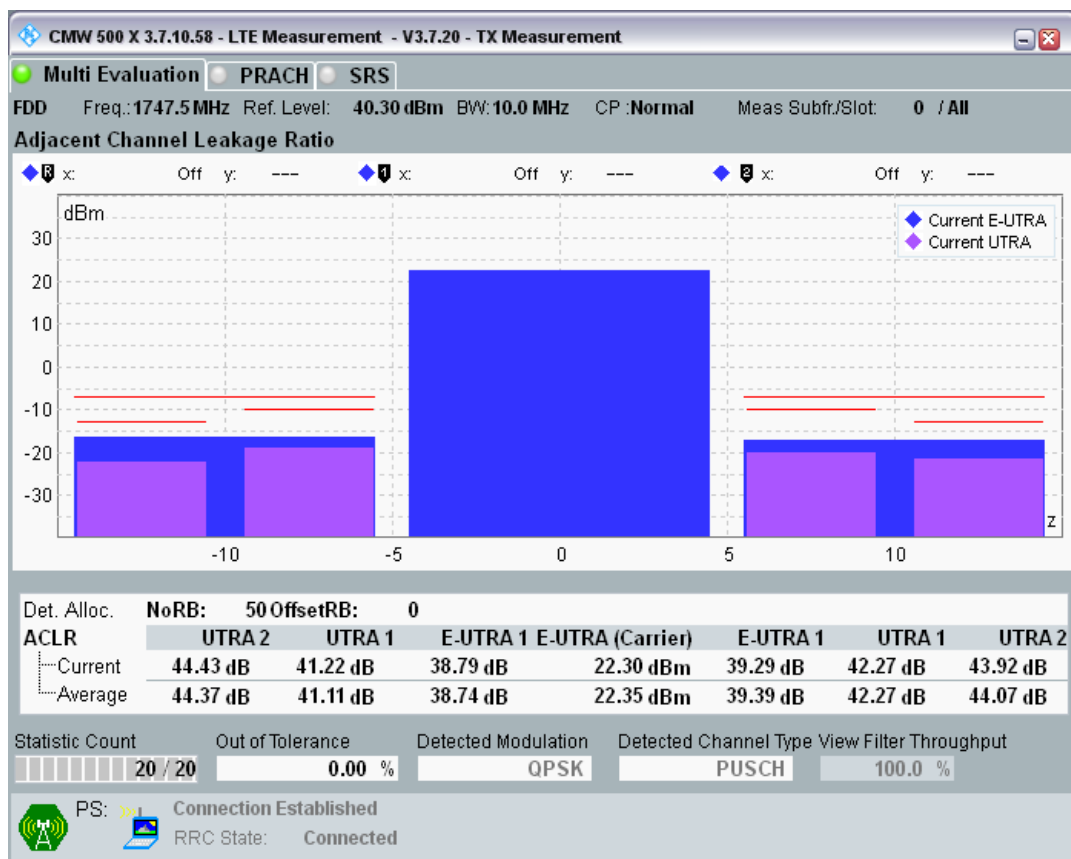
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Band3 QPSK BW=10MHz Channel=19575 RB Size=12 Position=#Max.png



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



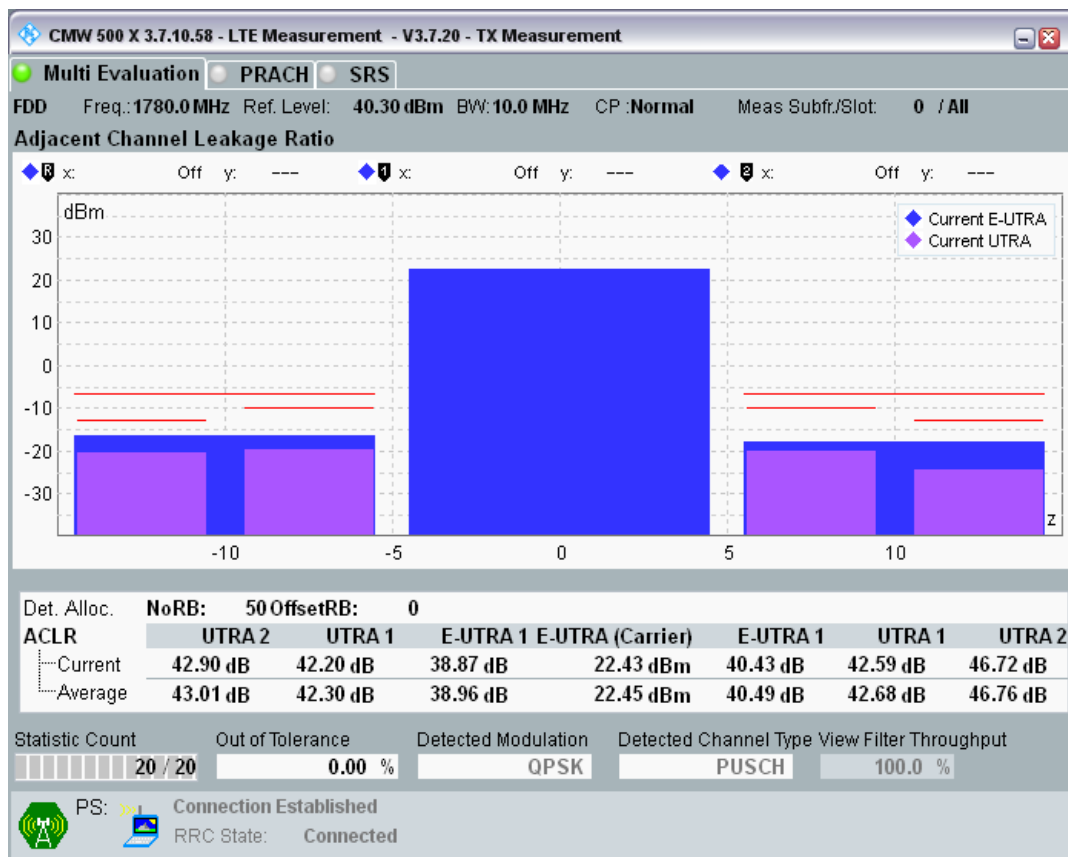
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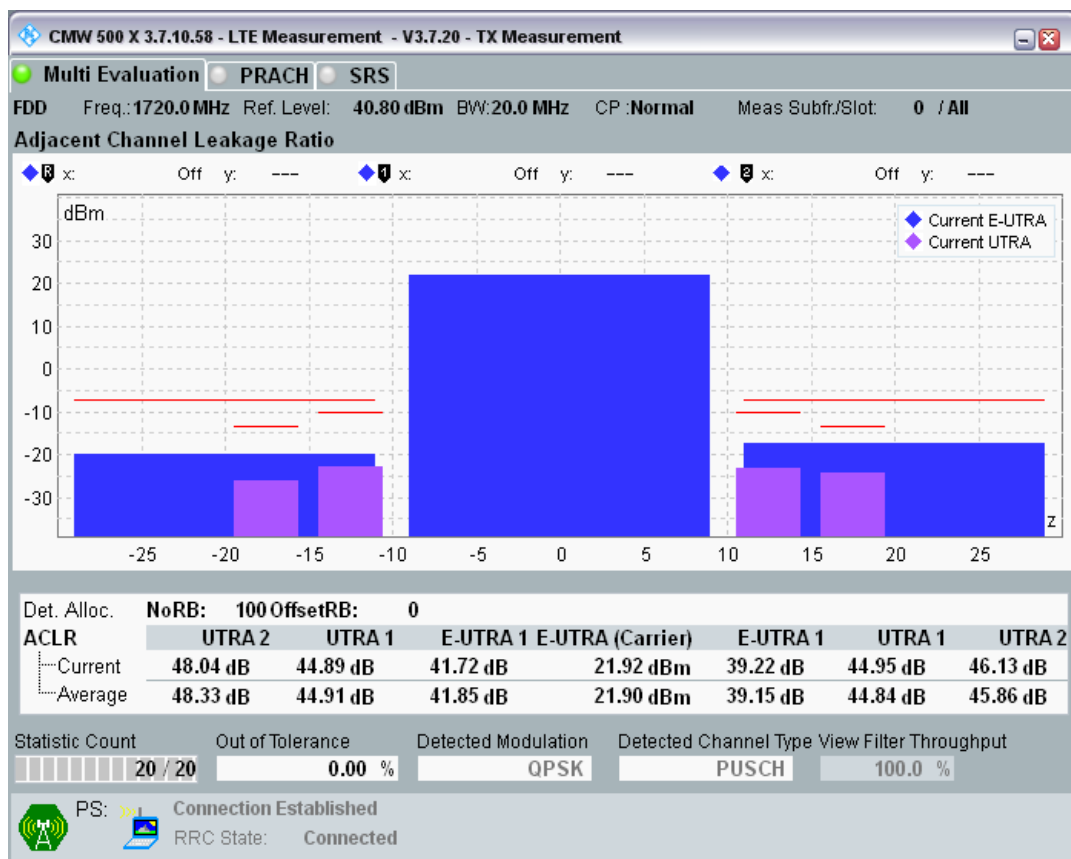
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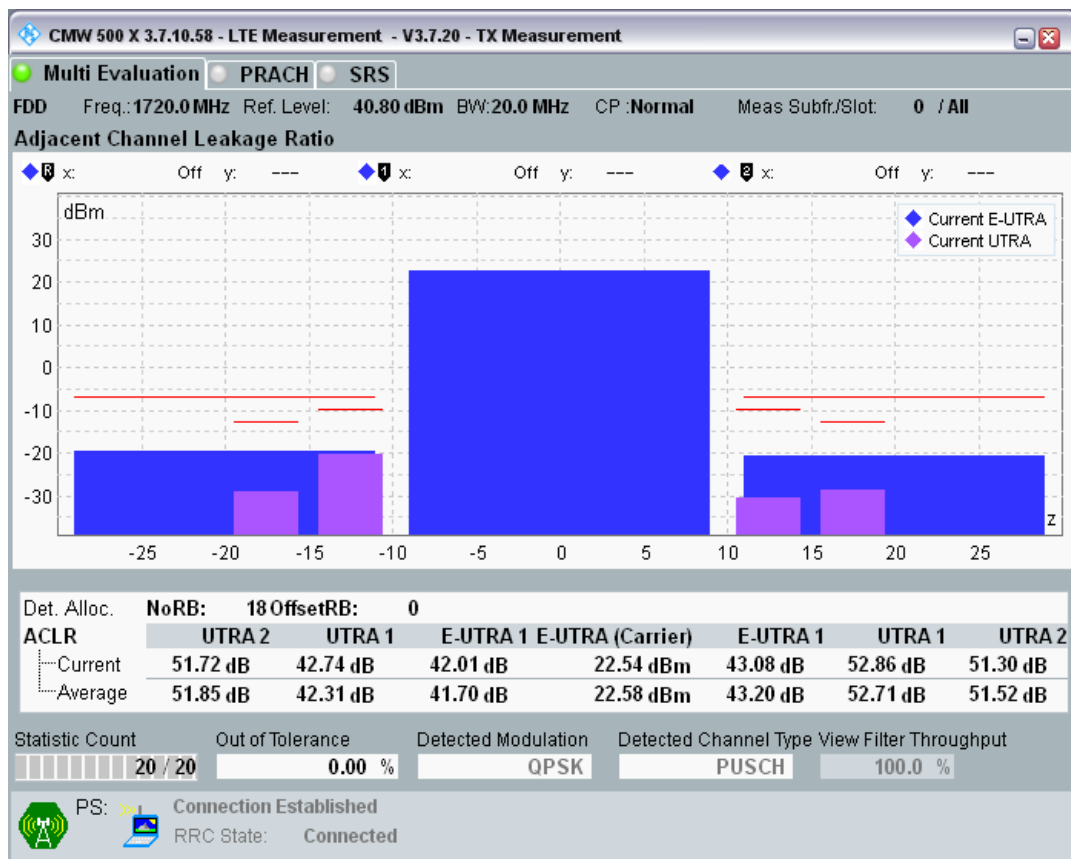
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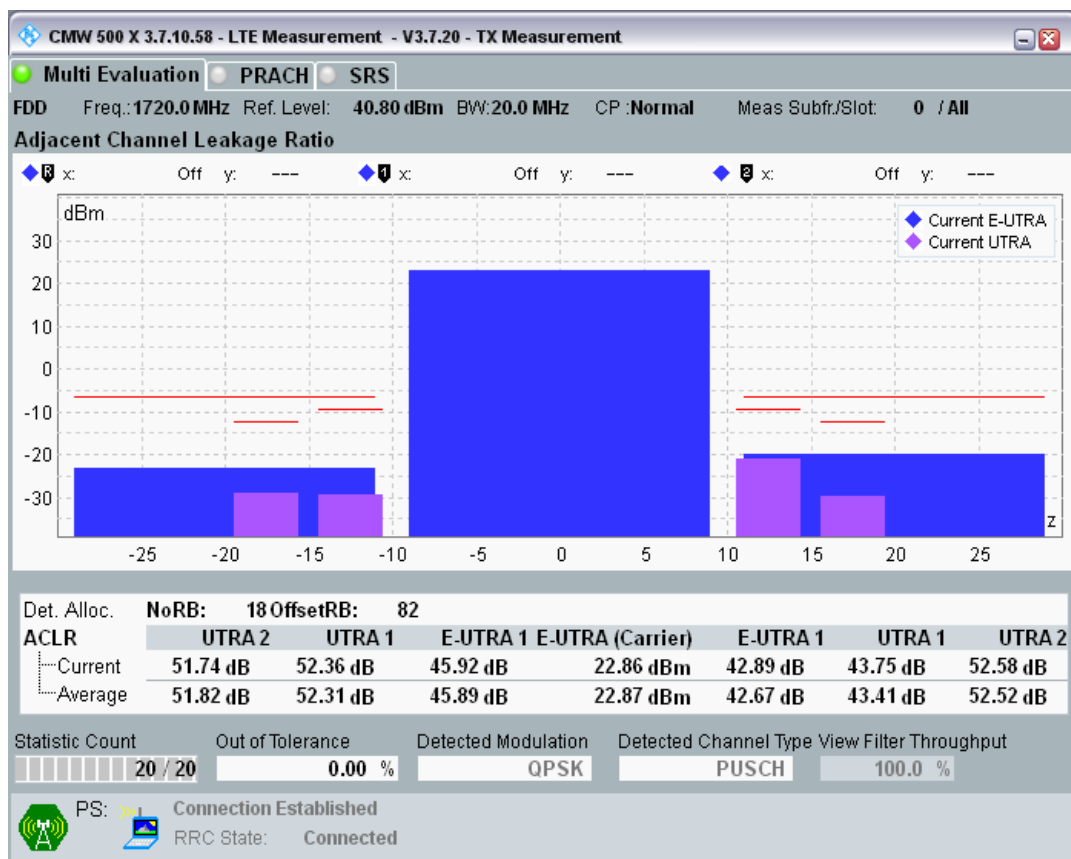
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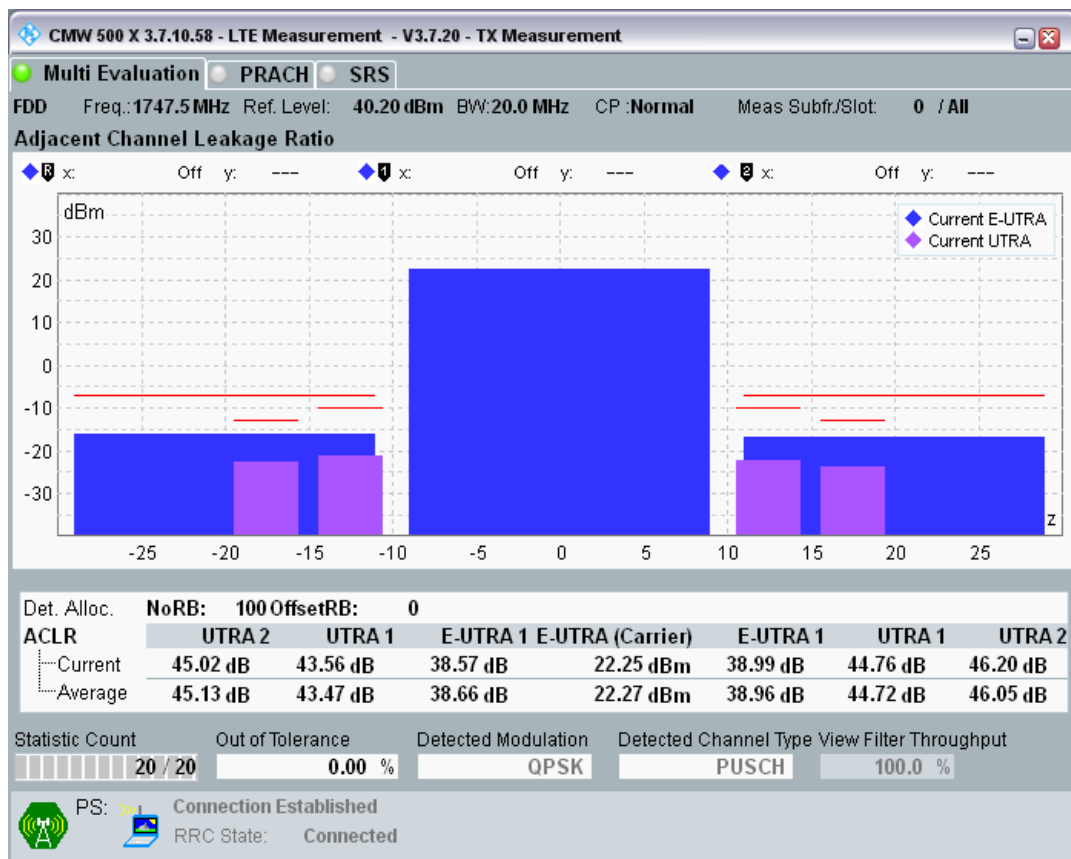
Band3 QPSK BW=20MHz Channel=19300 RB Size=18 Position=#0.png



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



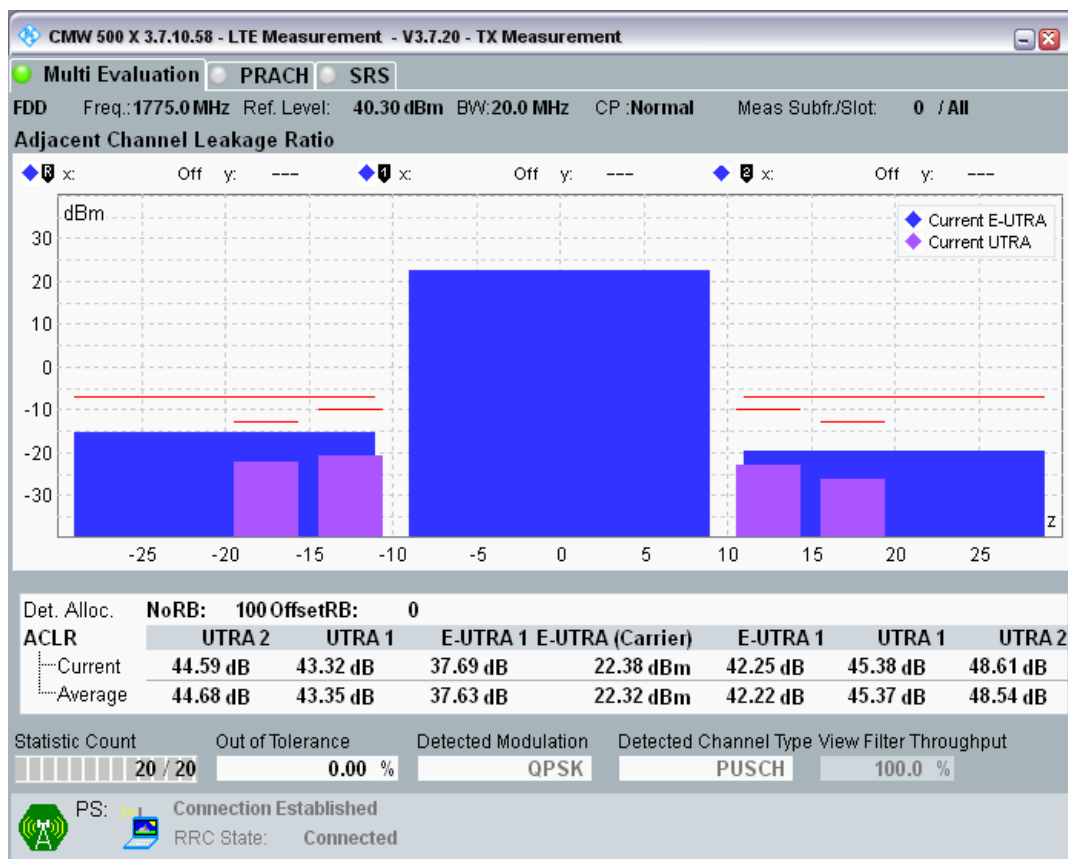
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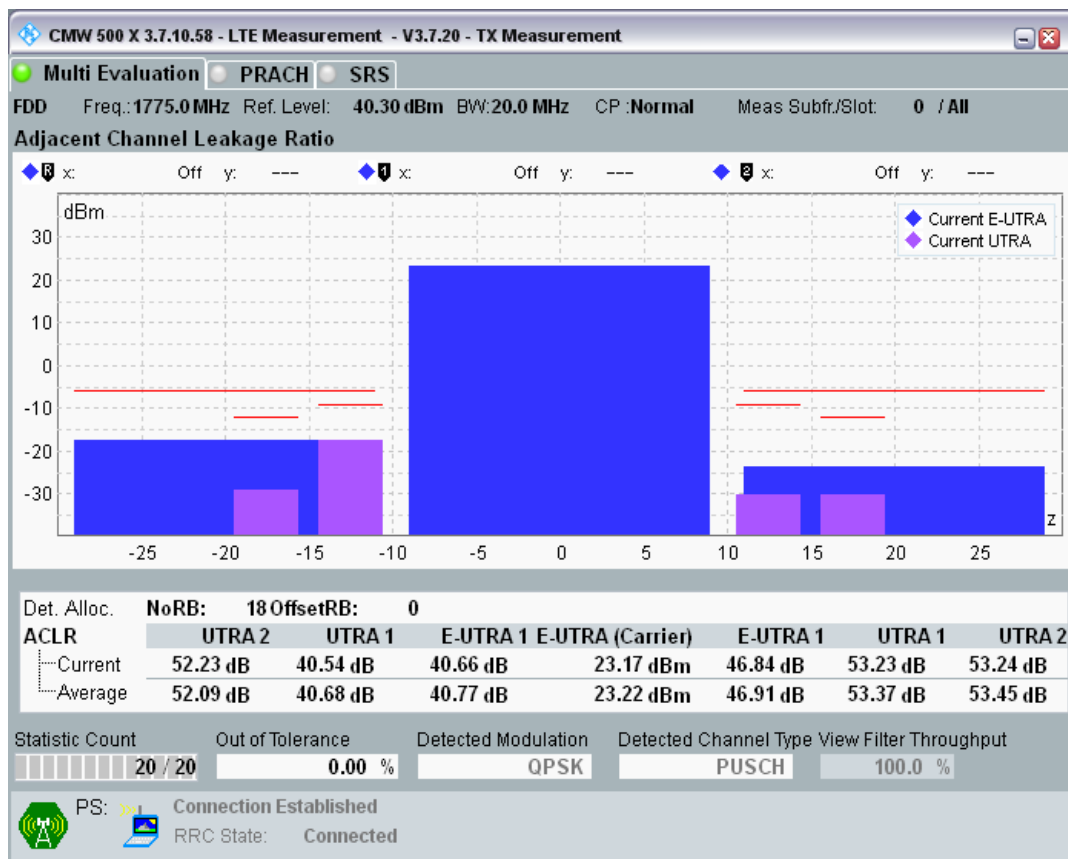
Band3 QPSK BW=20MHz Channel=19575 RB Size=18 Position=#Max.png



Band3 QPSK BW=20MHz Channel=19850 RB Size=100 Position=#0.png



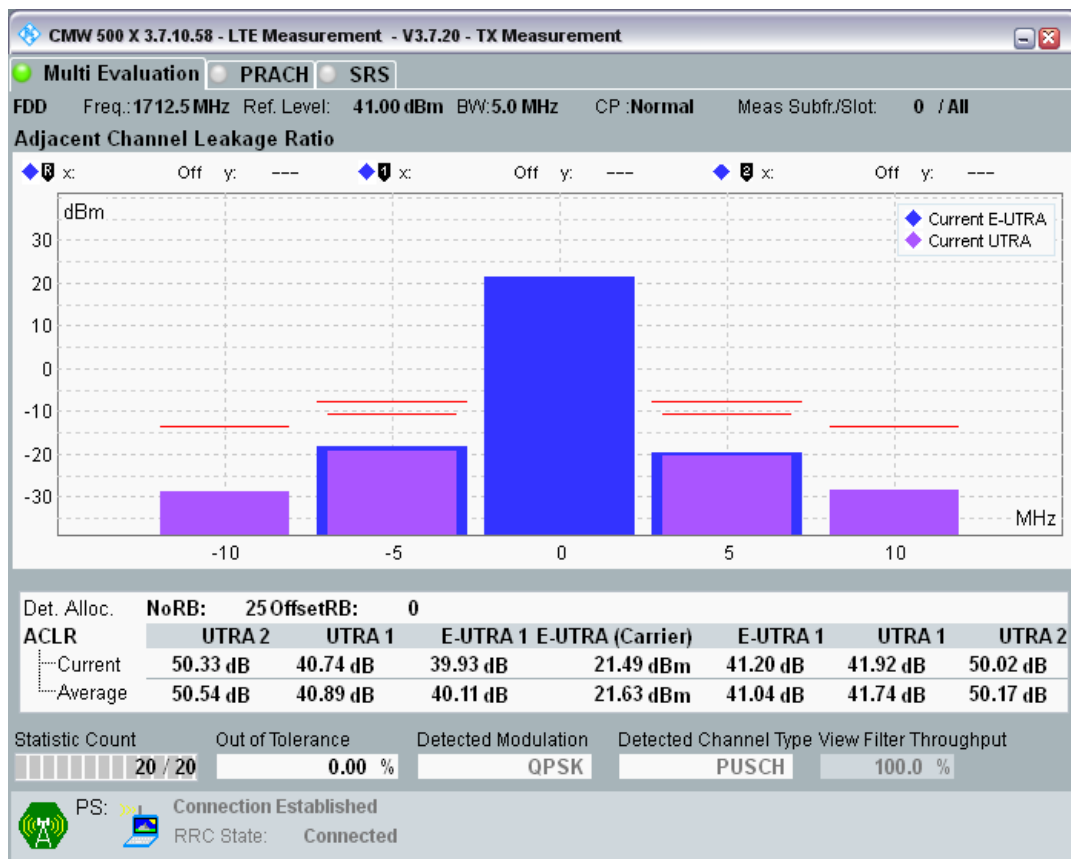
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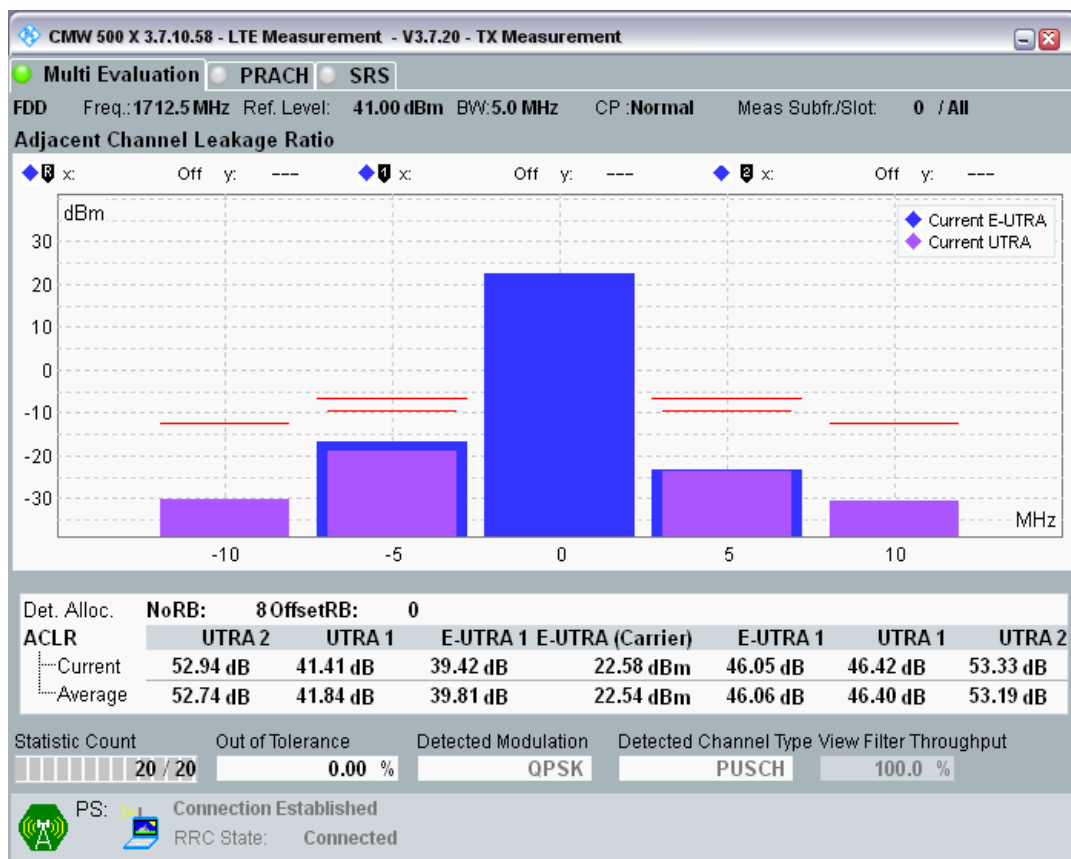
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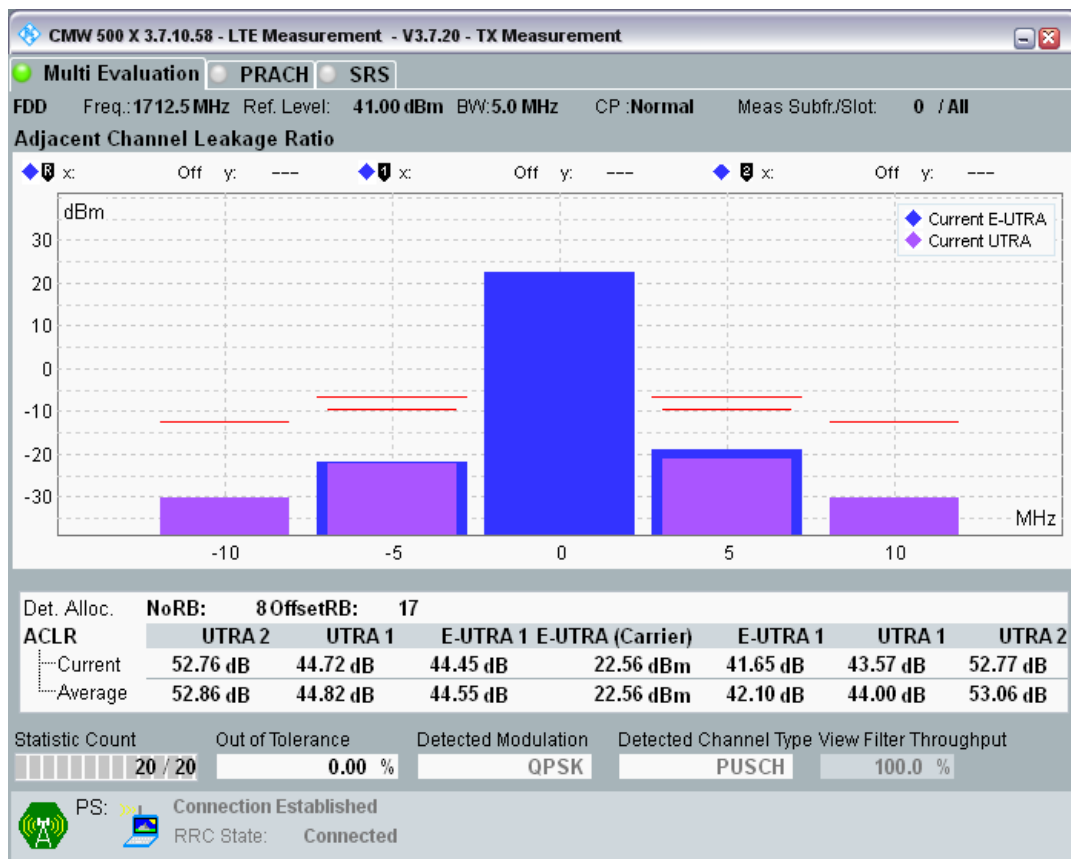
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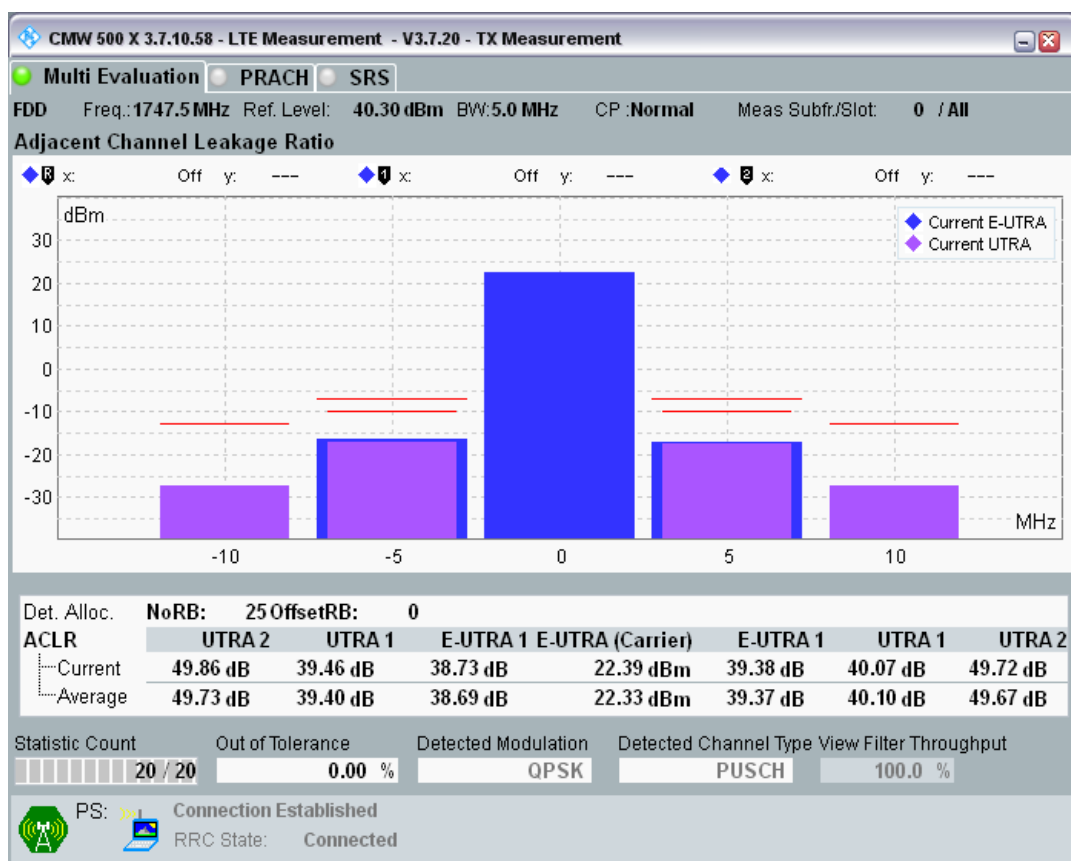
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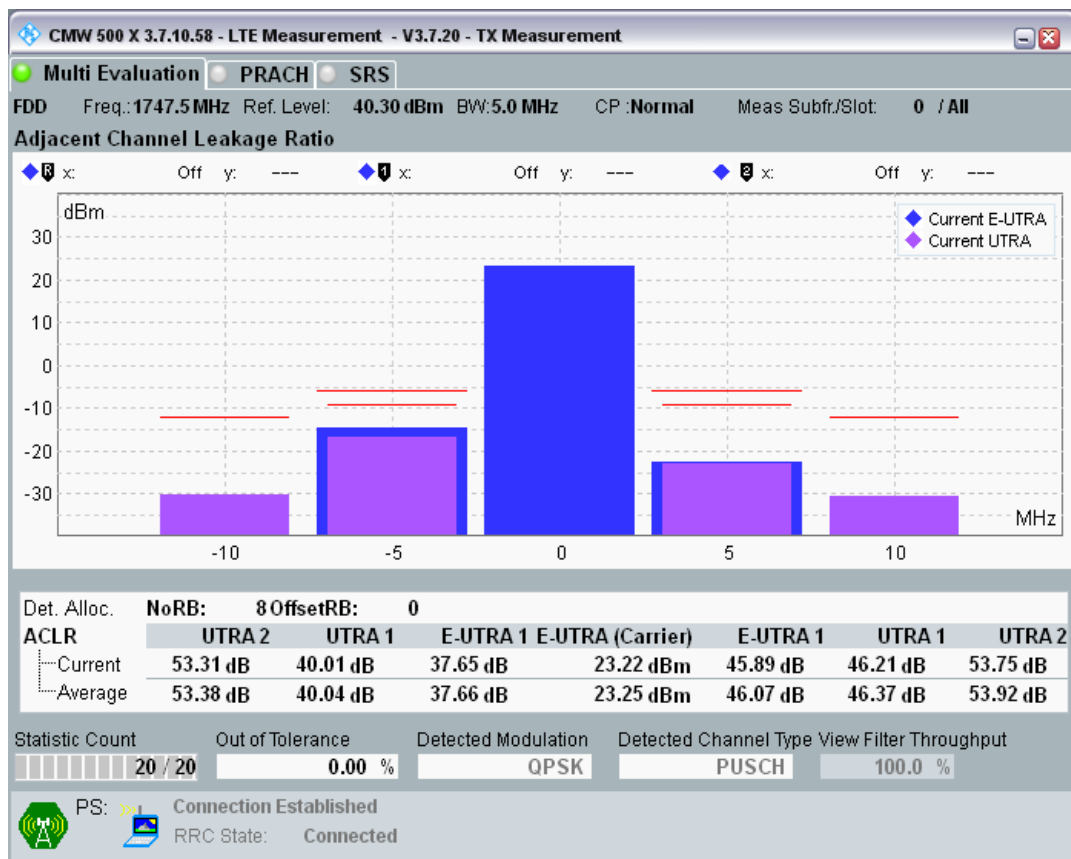
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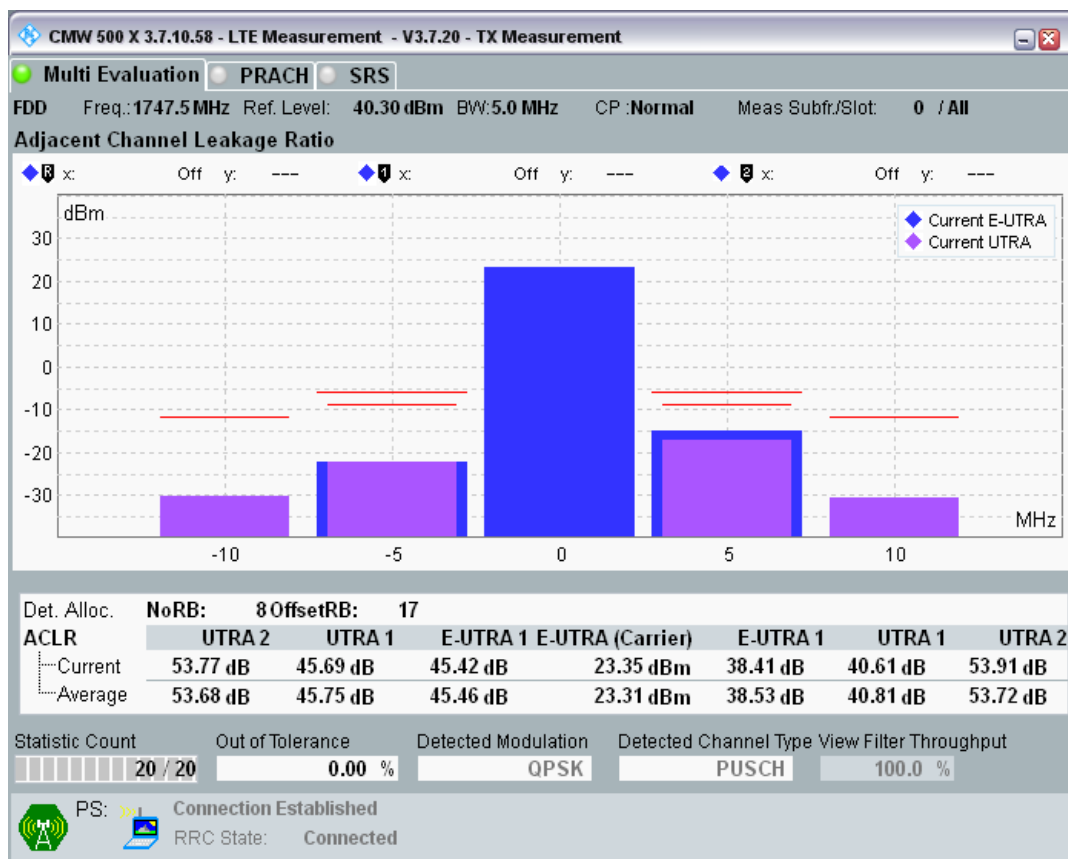
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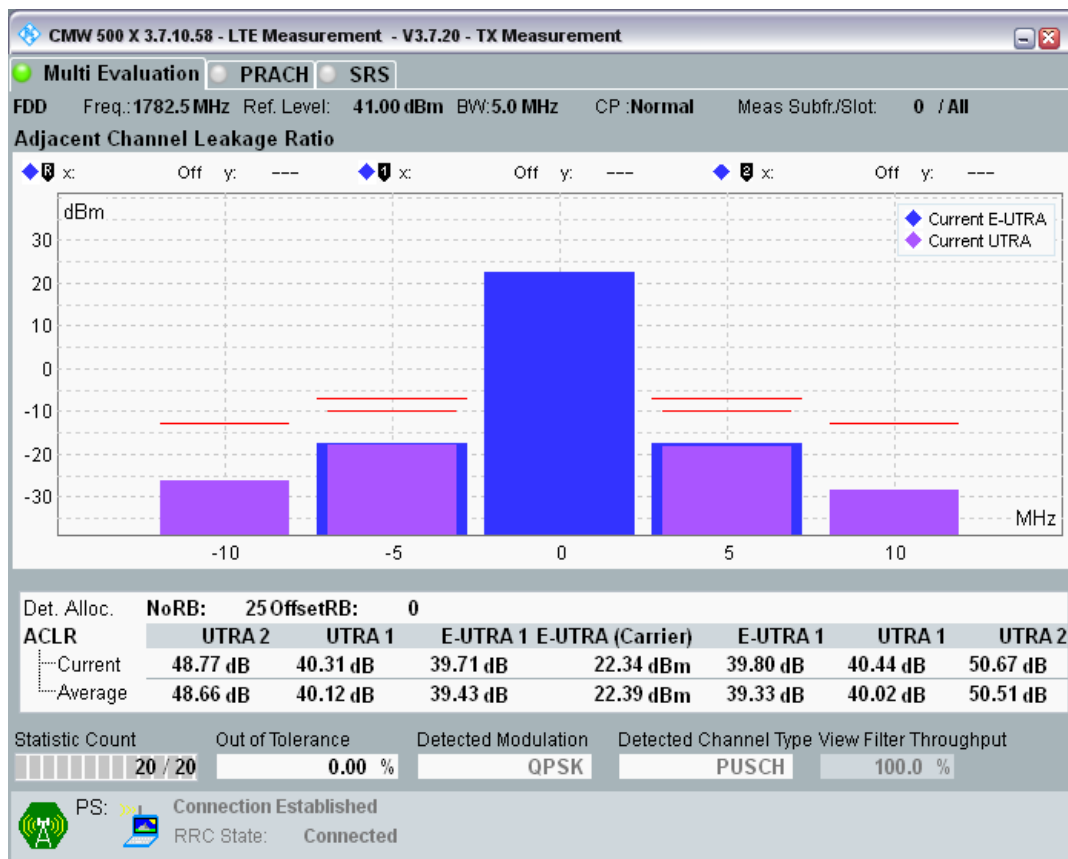
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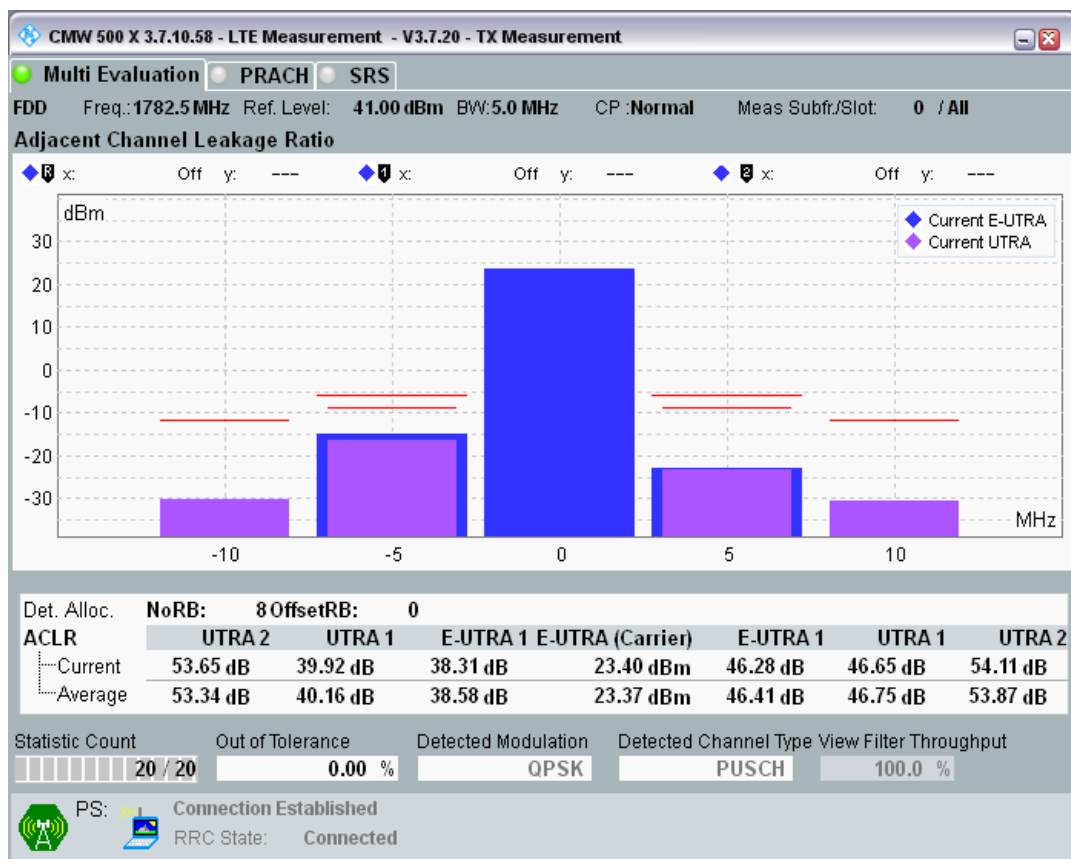
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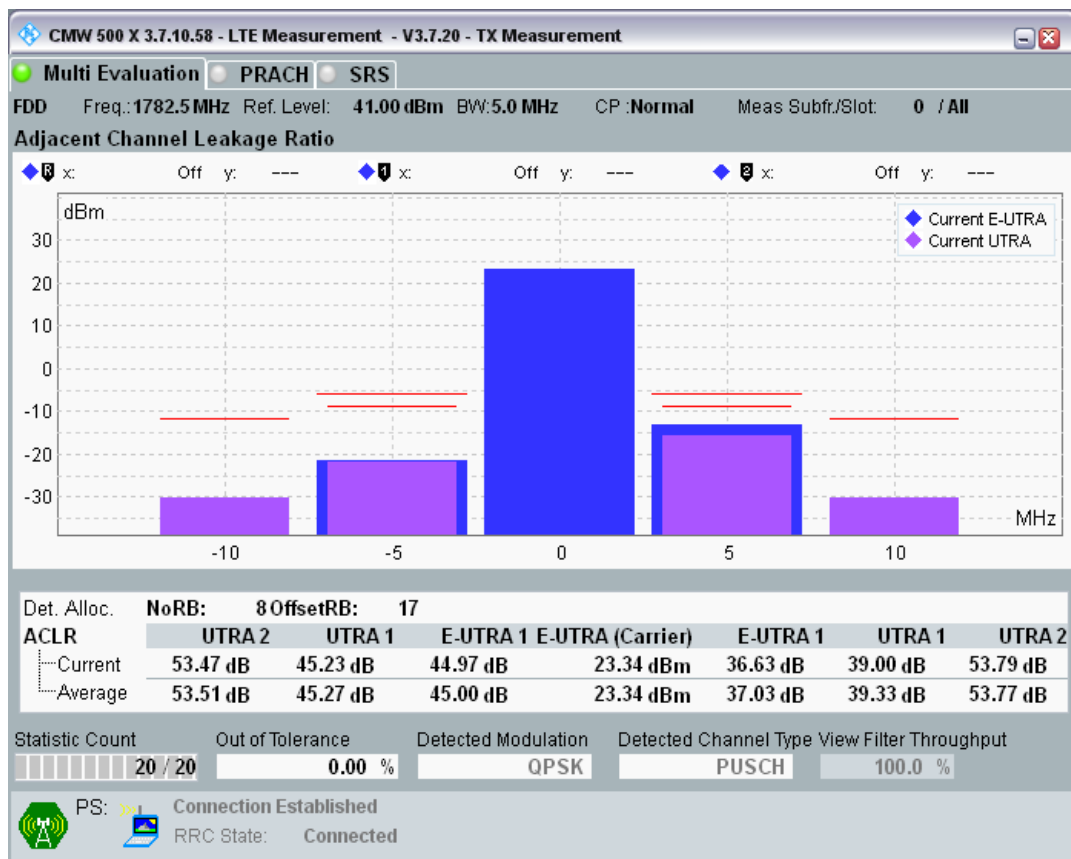
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Band3 QPSK BW=5MHz Channel=19925 RB Size=8 Position=#0.png



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



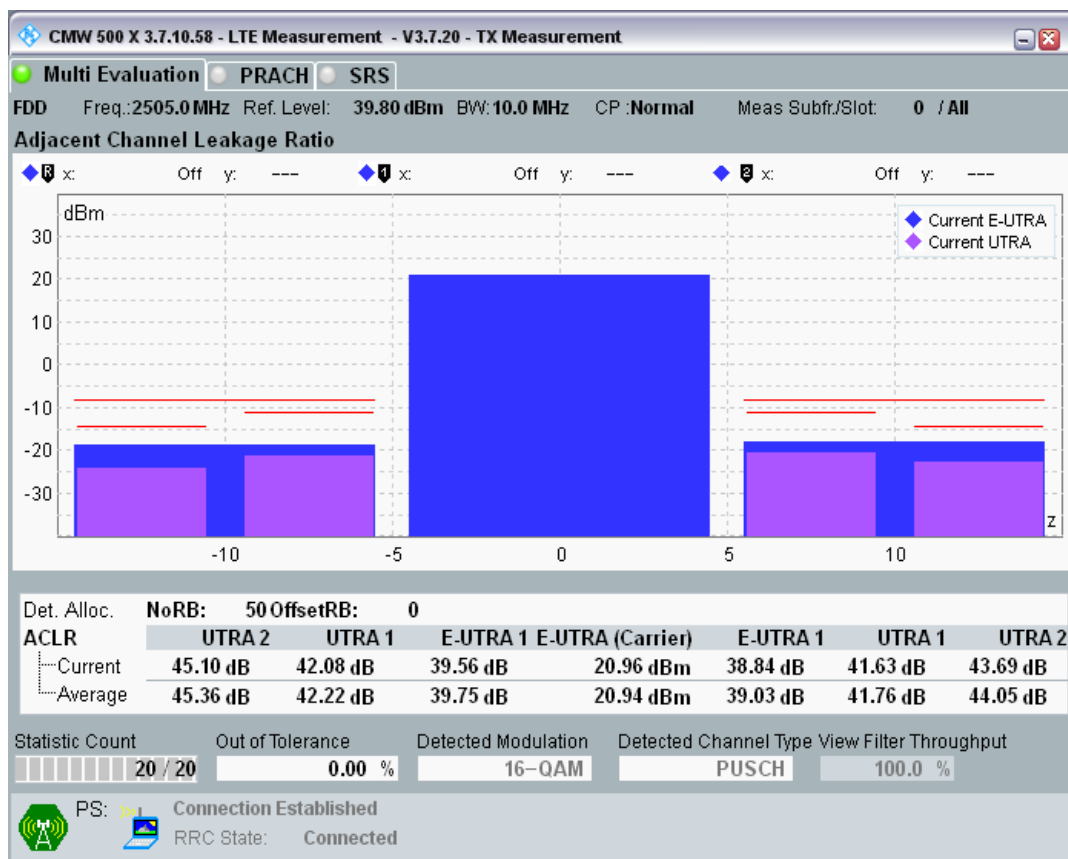
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Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



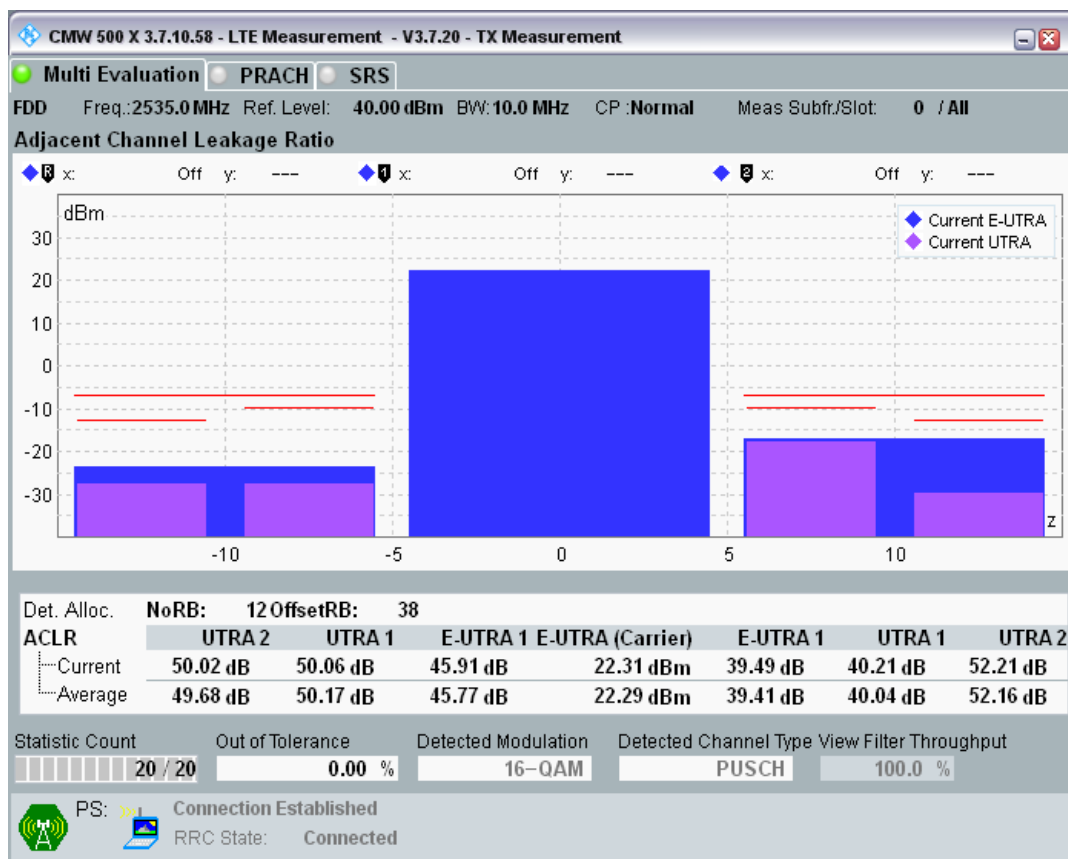
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0.png



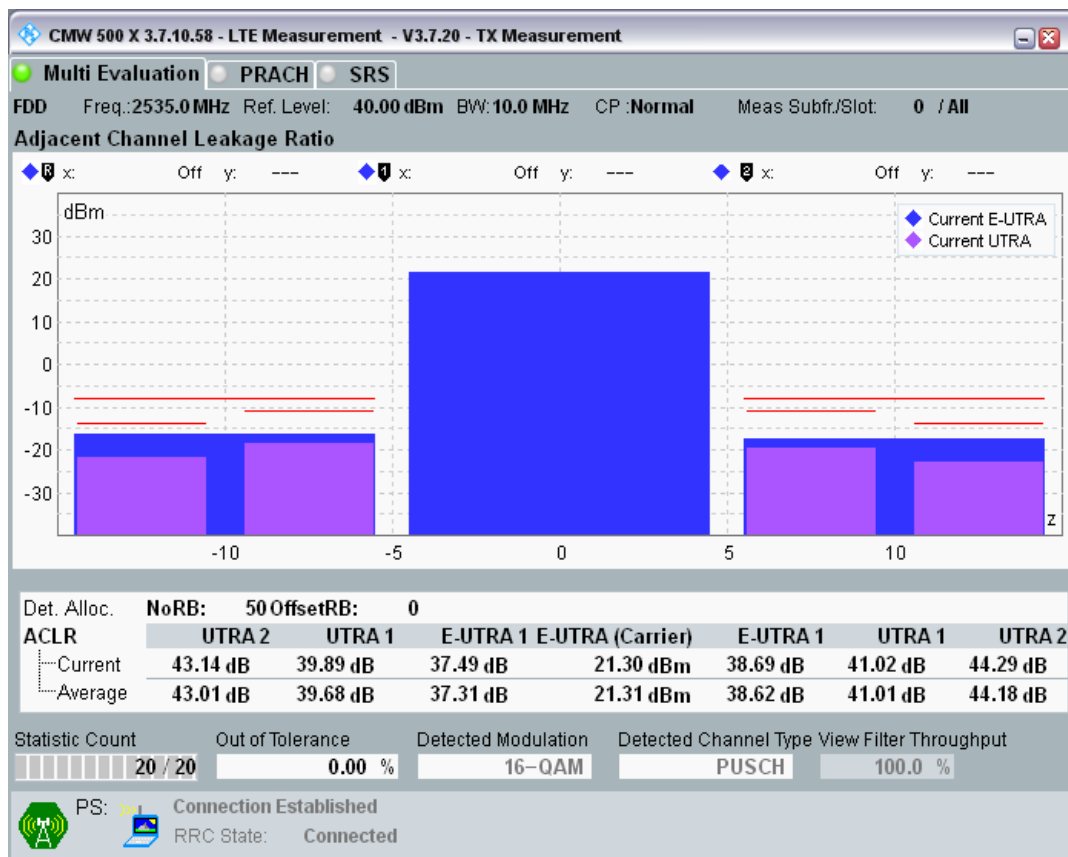
Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#0.png



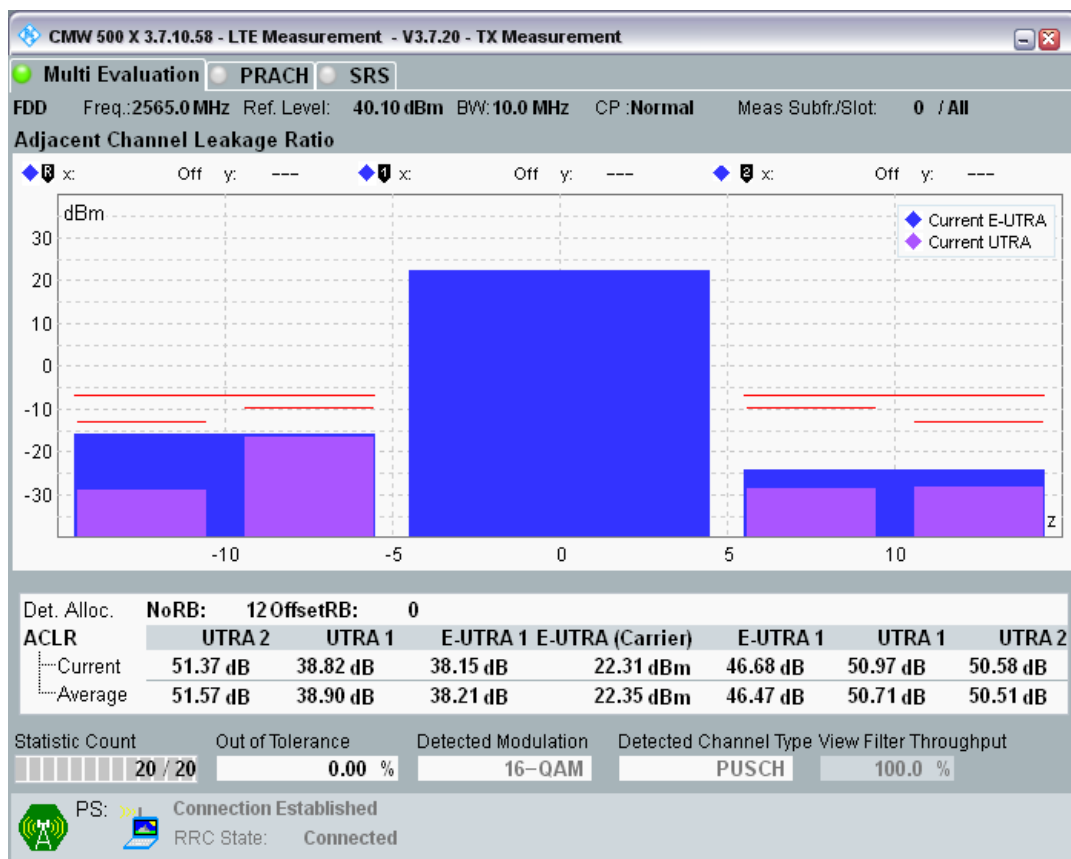
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Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0.png



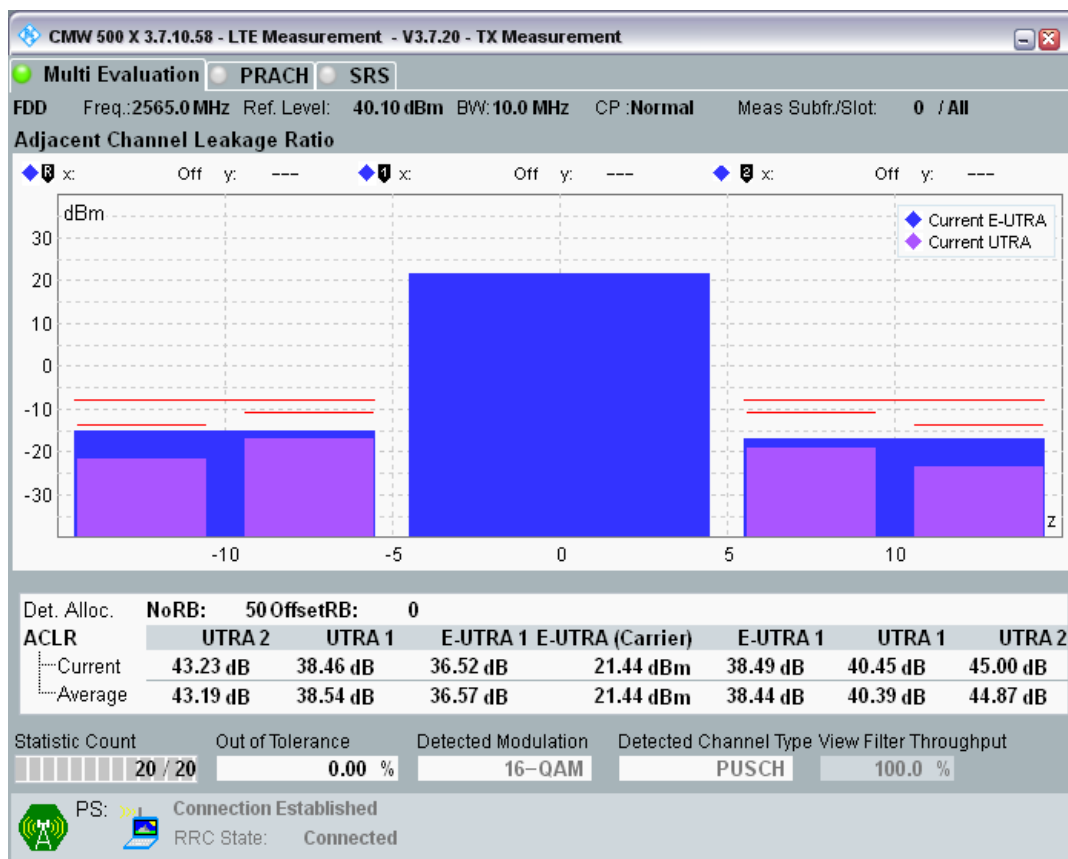
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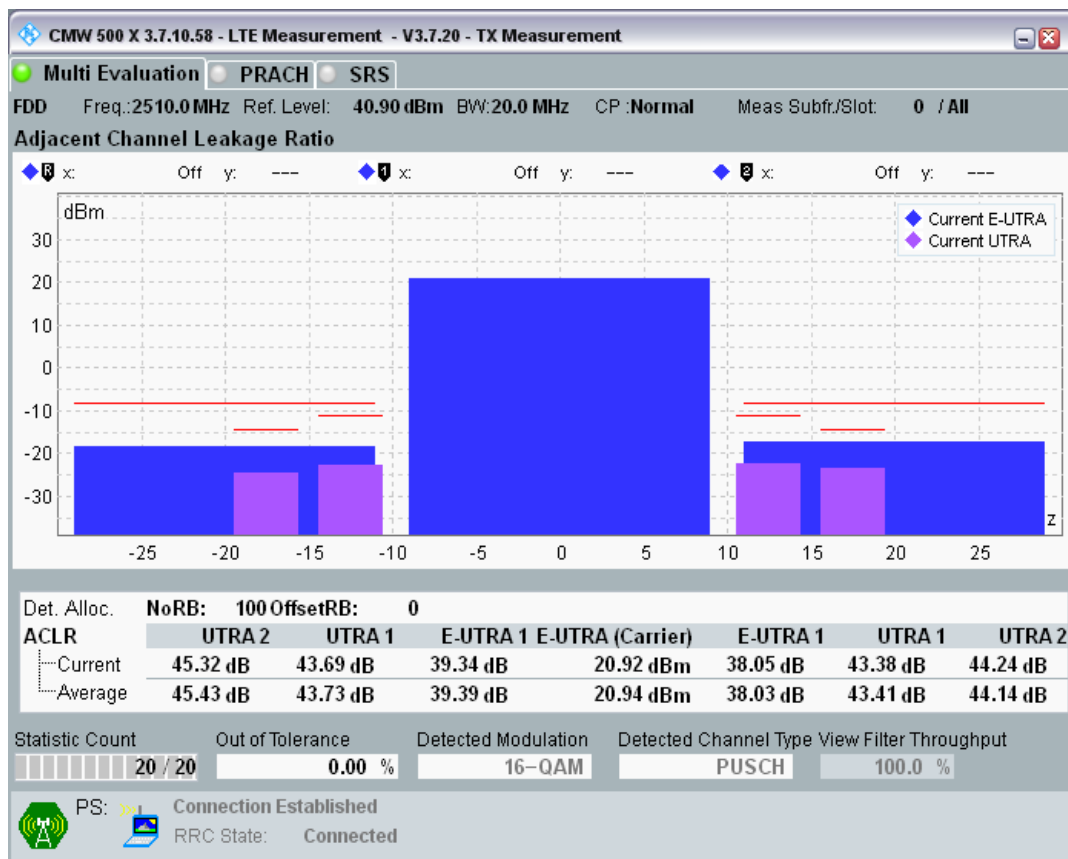
Band7 QAM16 BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



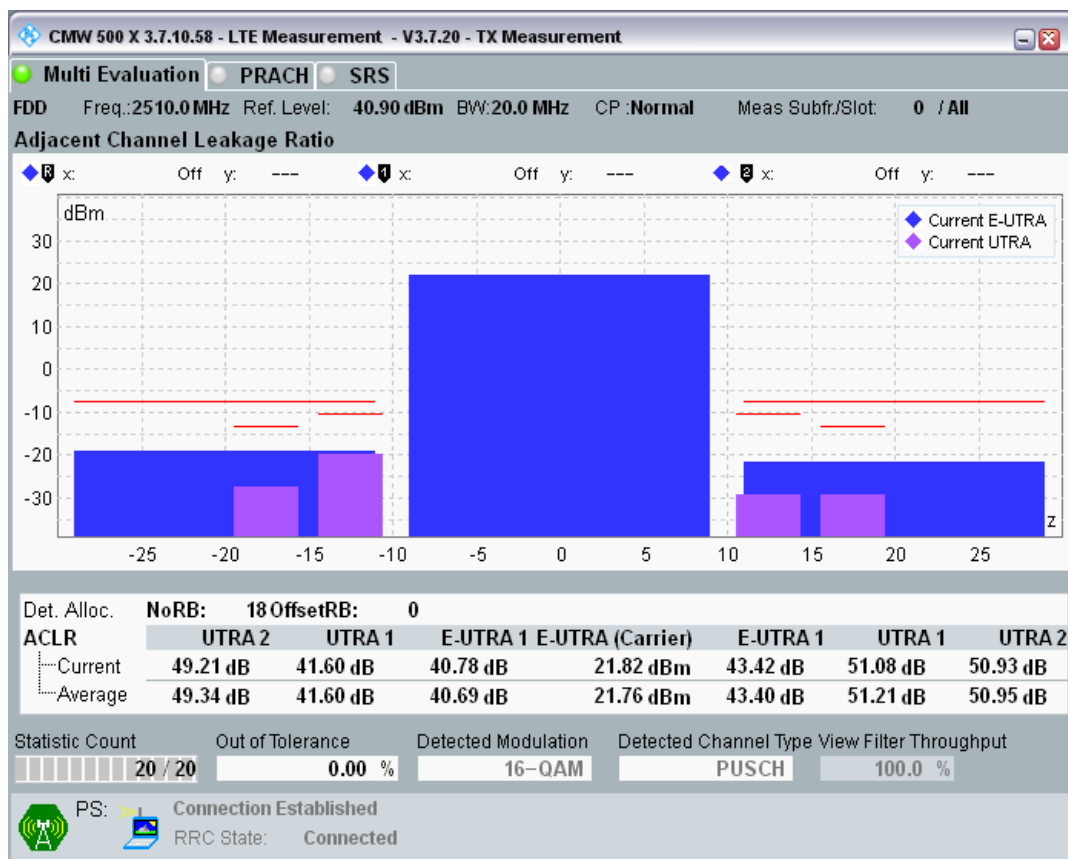
Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0.png



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



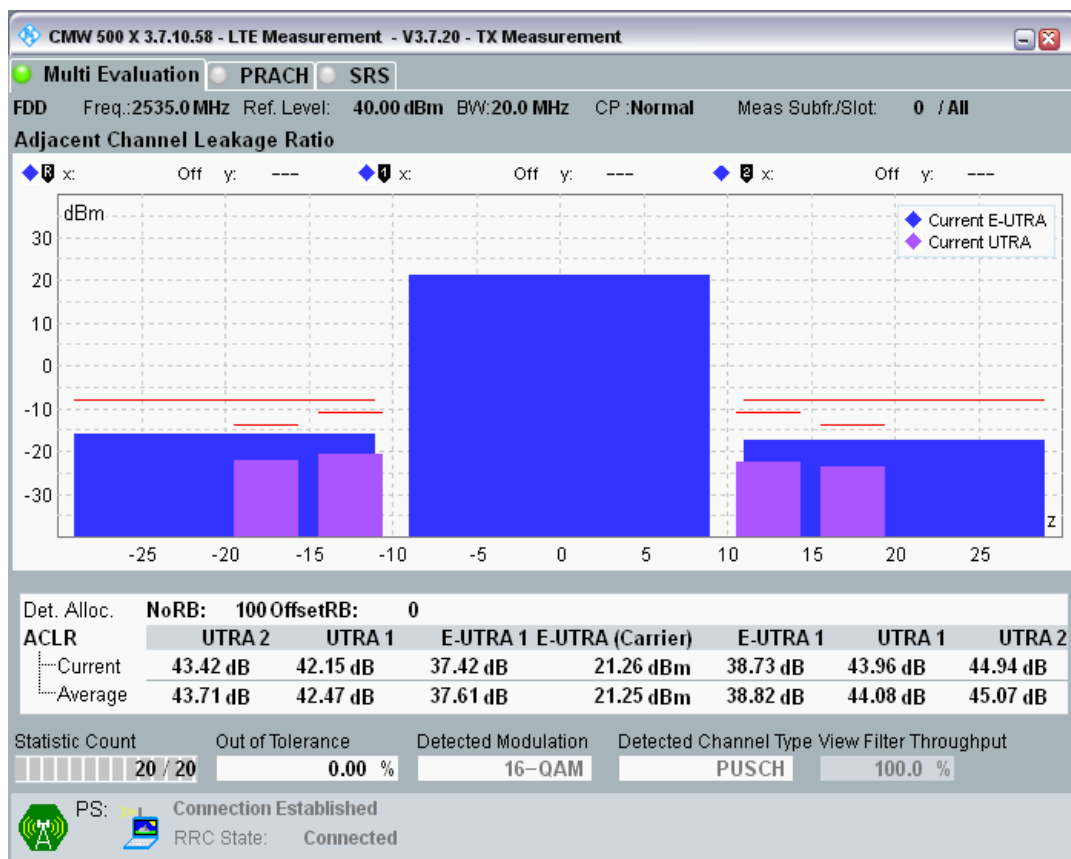
Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#0.png



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



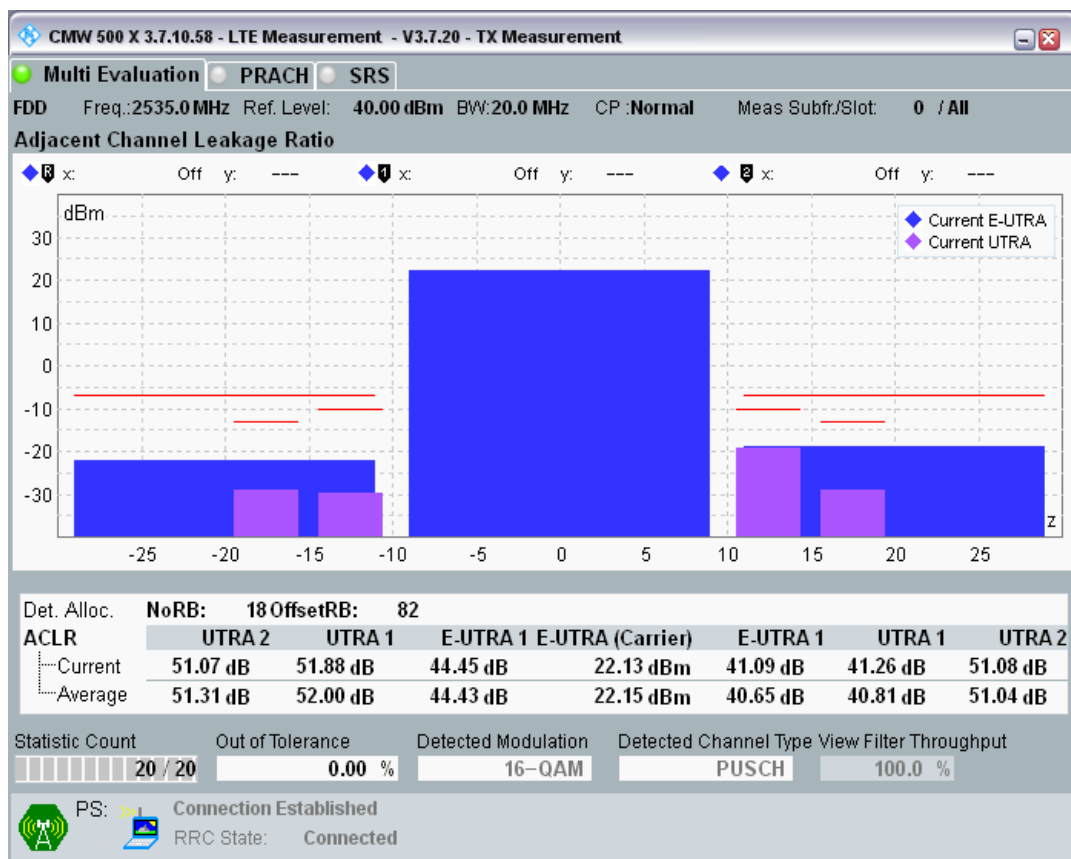
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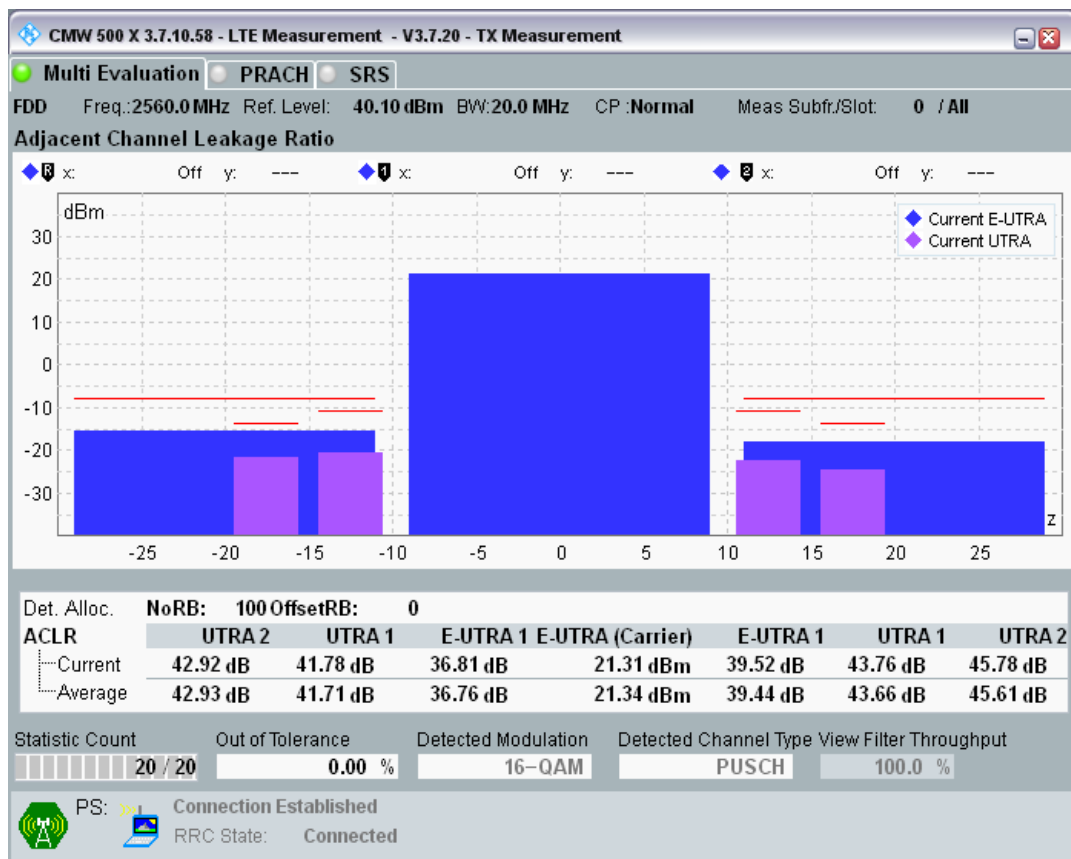
Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#0.png



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



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



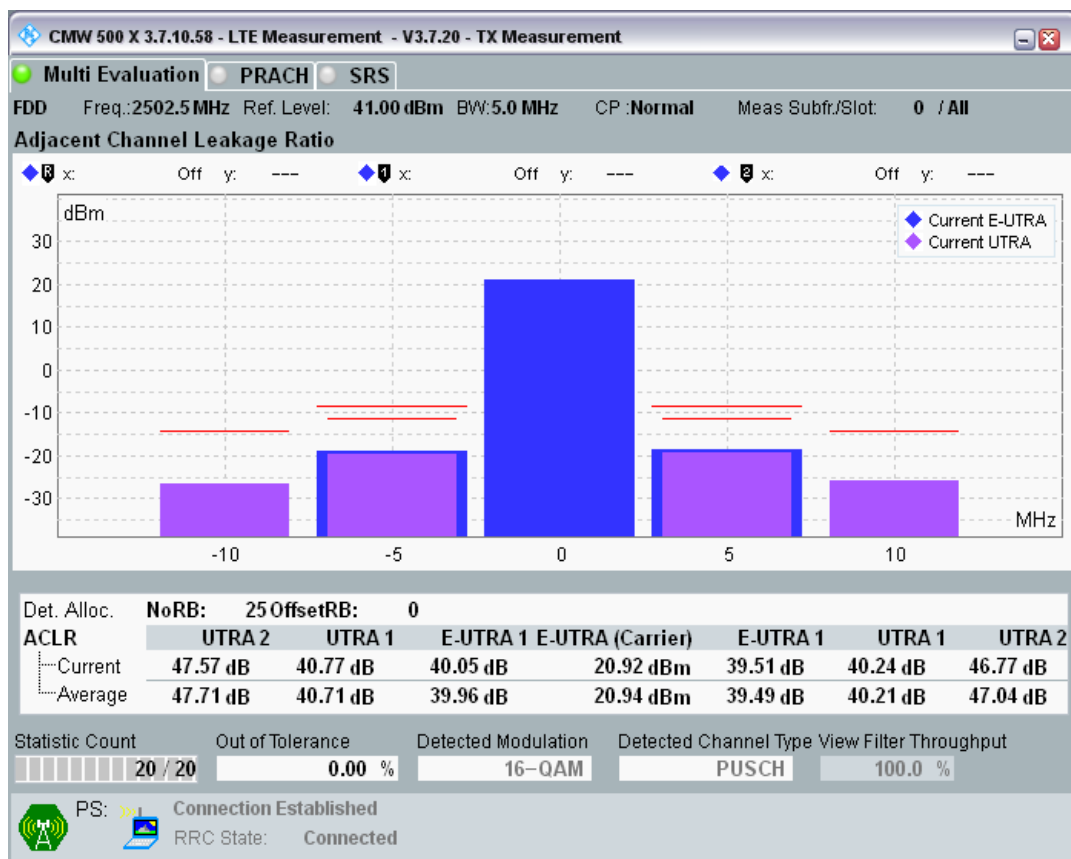
Band7 QAM16 BW=20MHz Channel=21350 RB Size=18 Position=#0.png



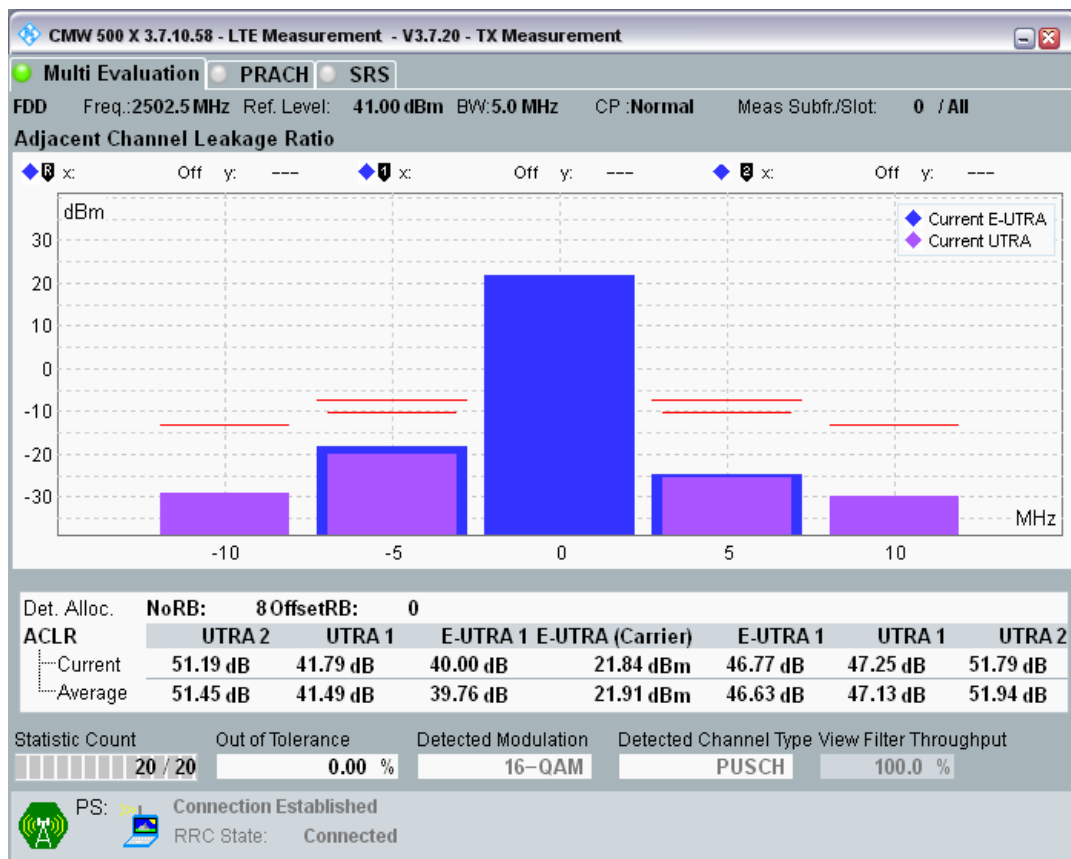
Band7 QAM16 BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



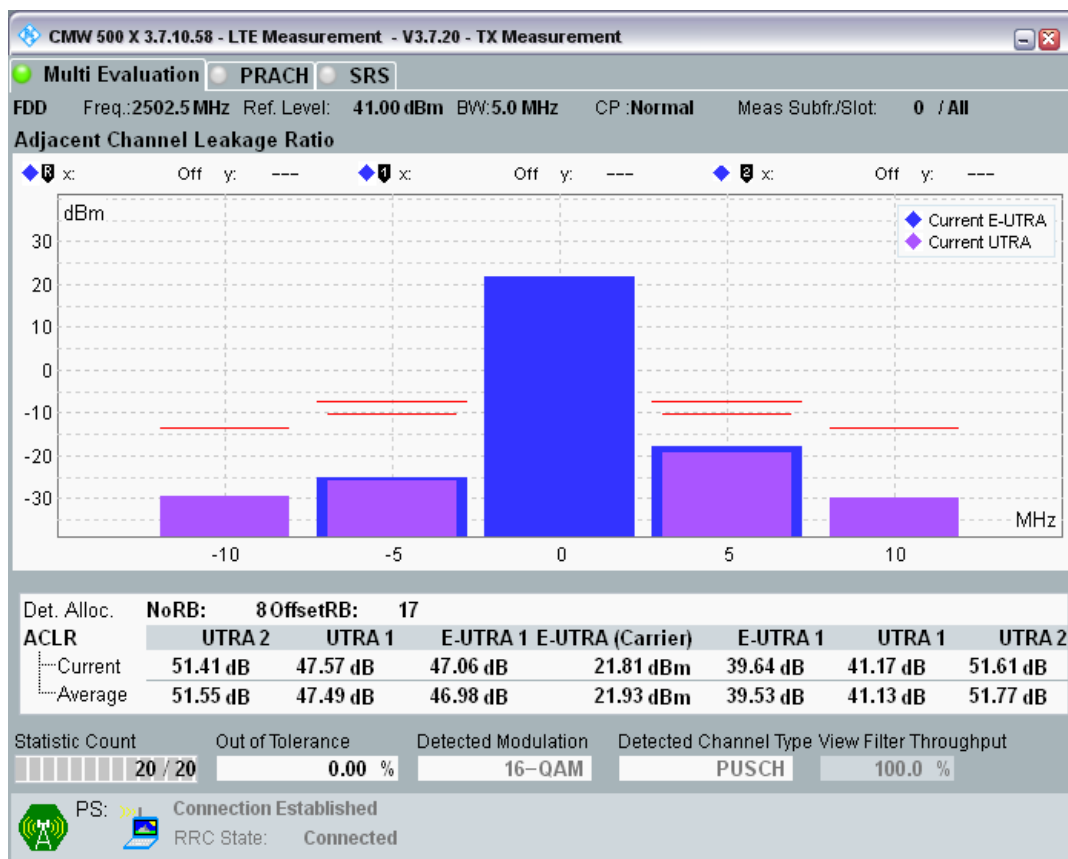
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0.png



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



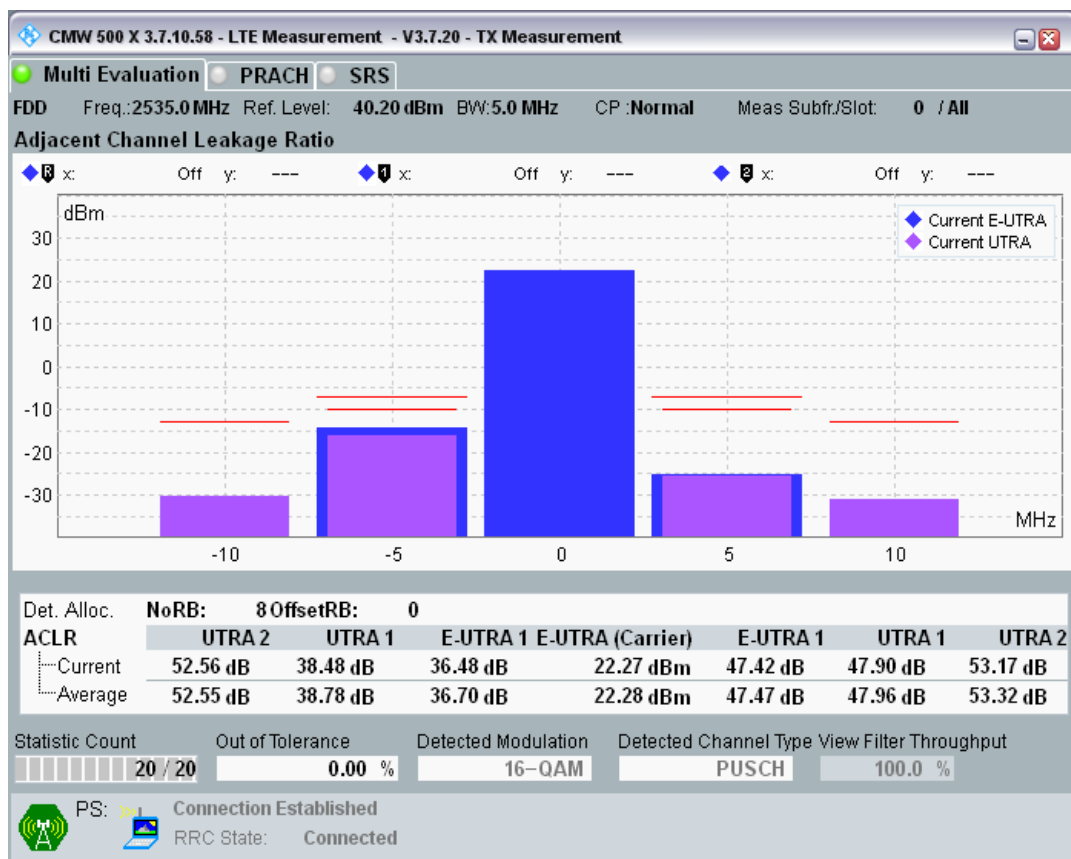
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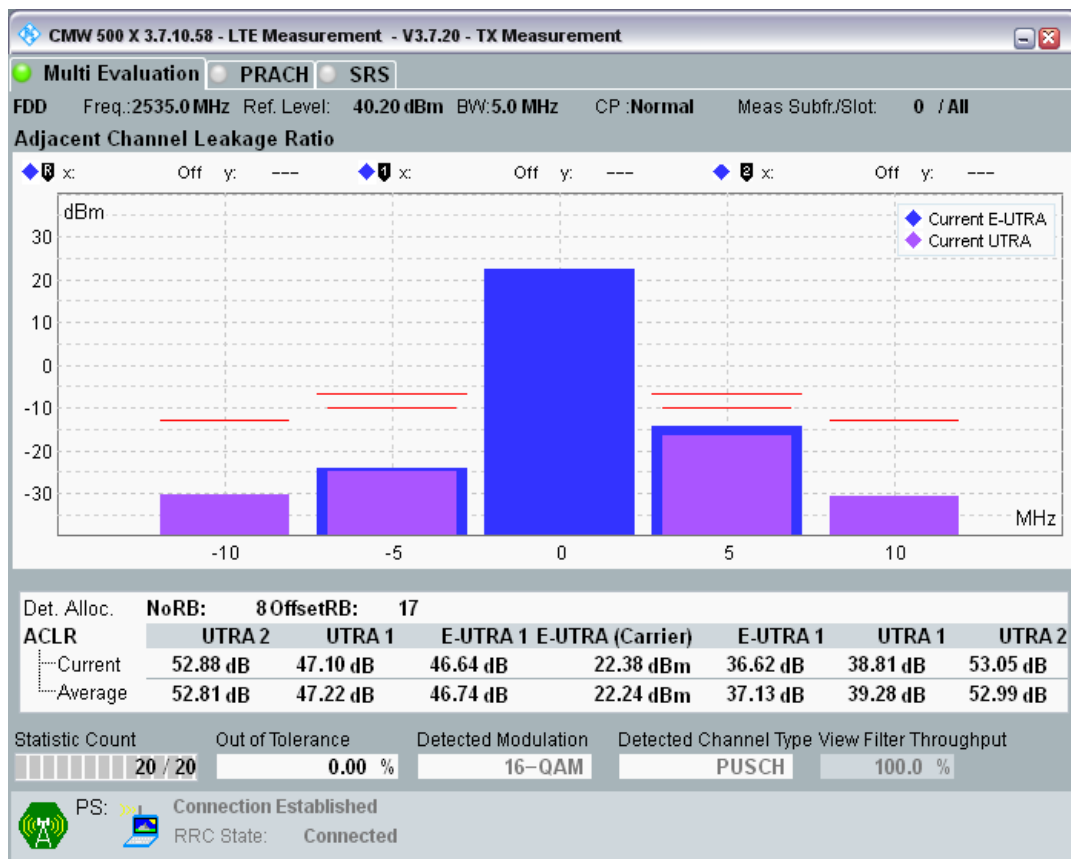
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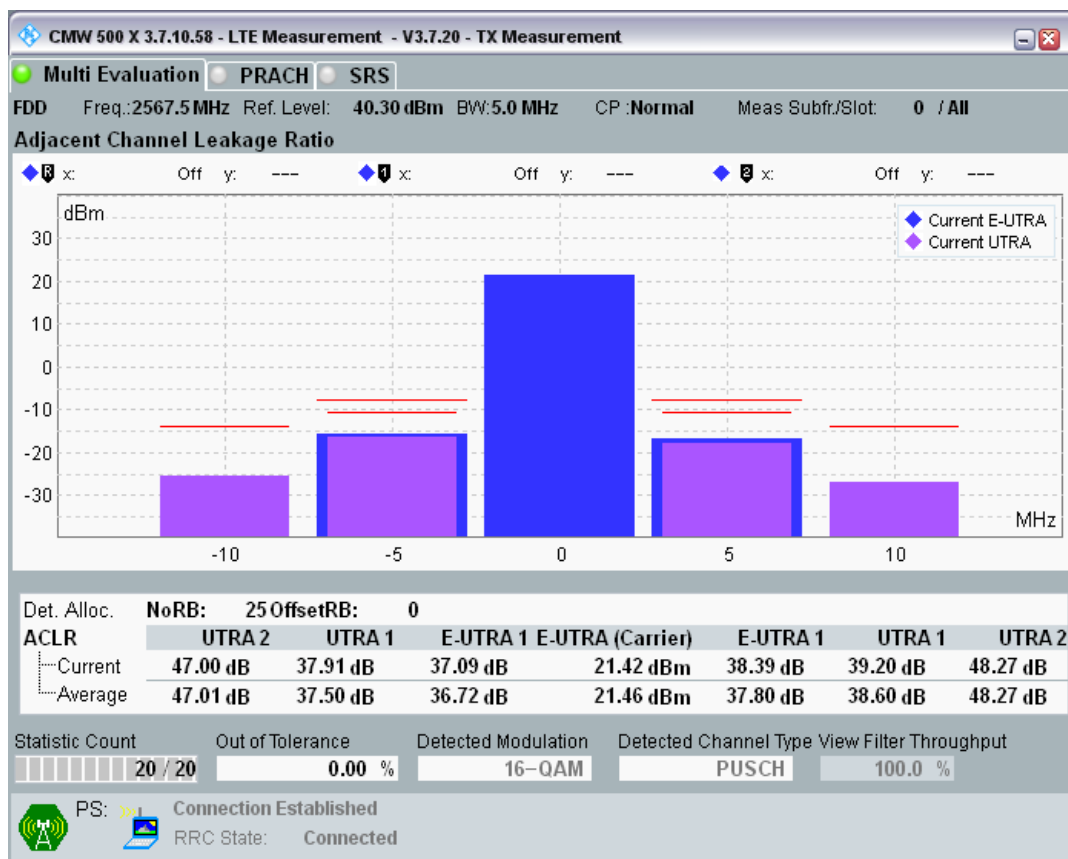
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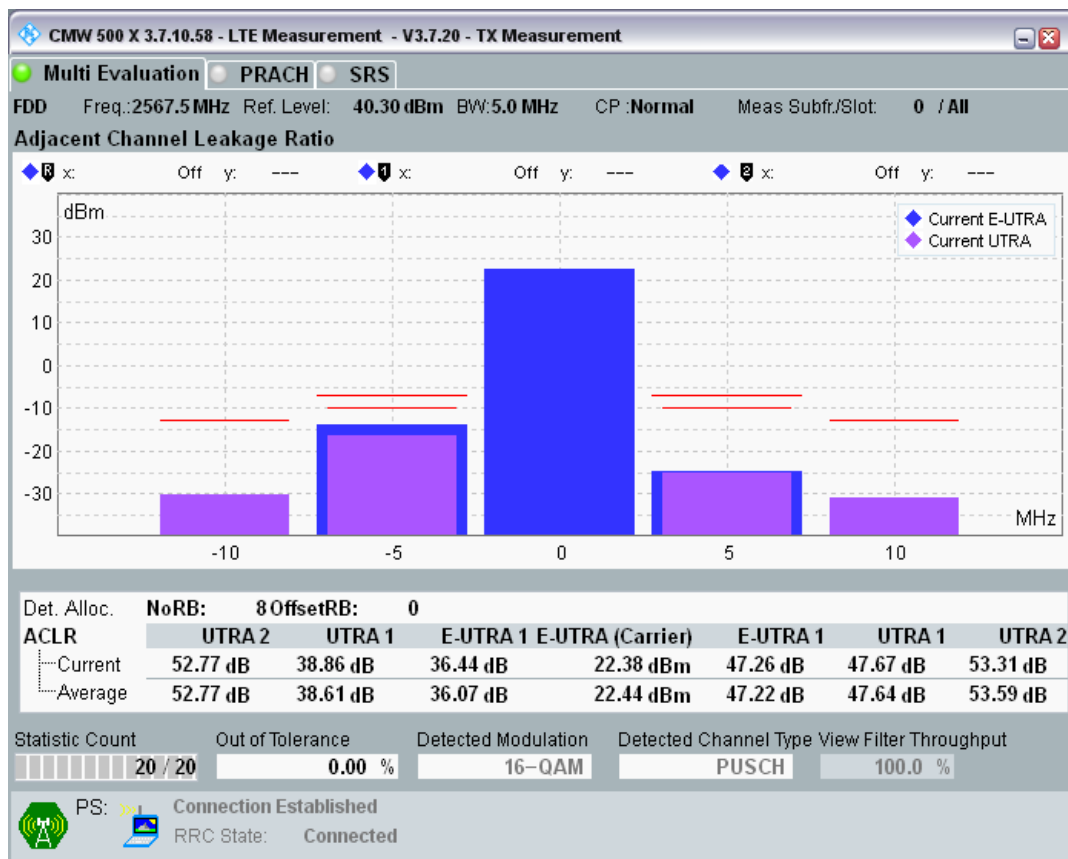
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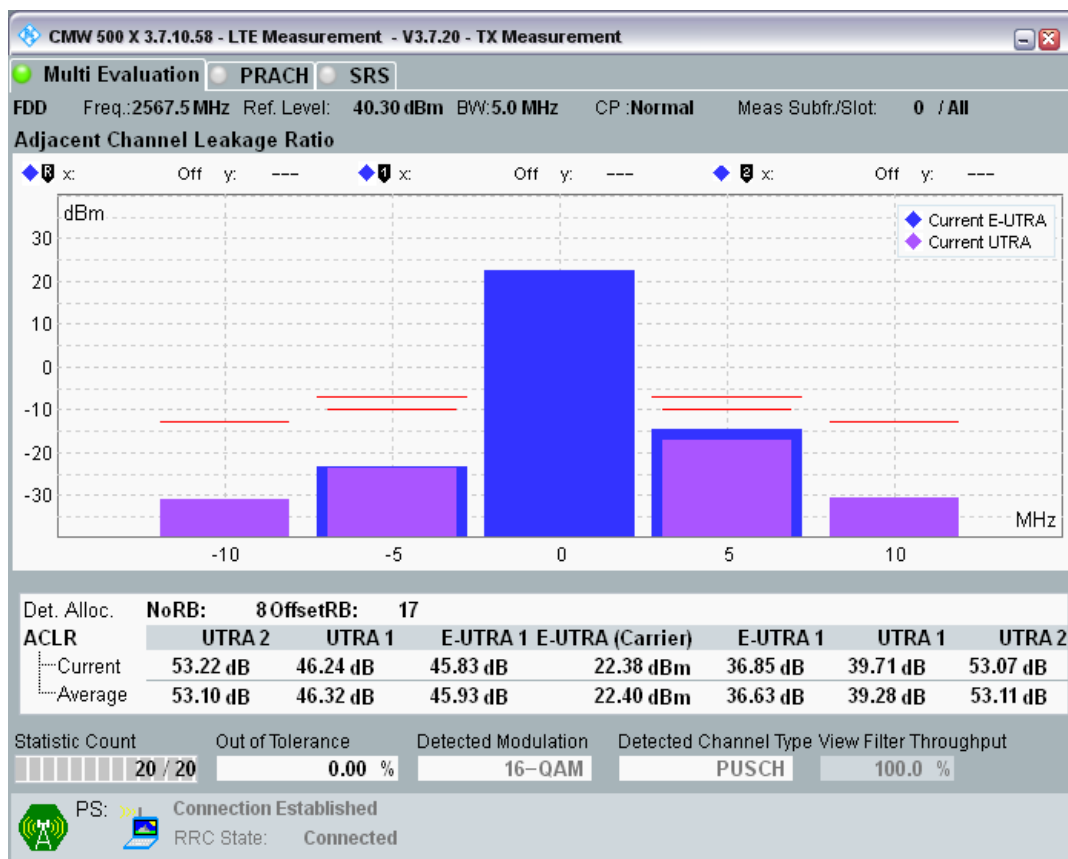
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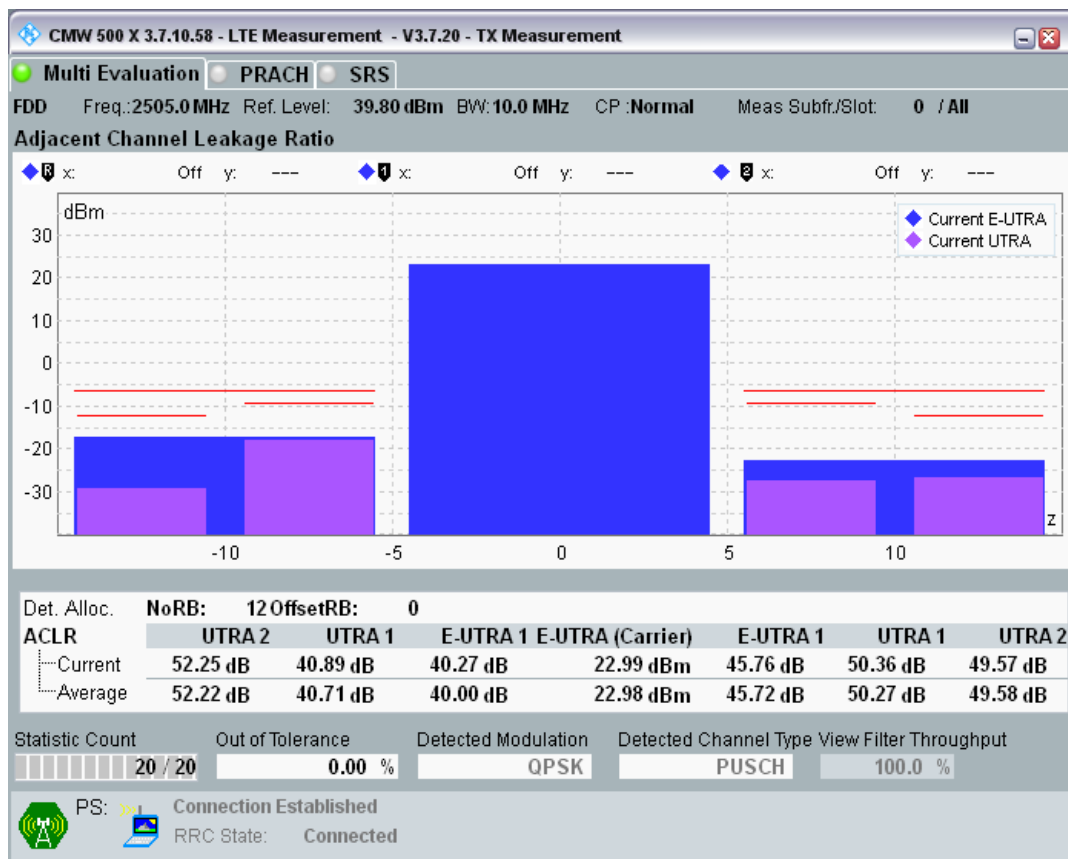
Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#0.png



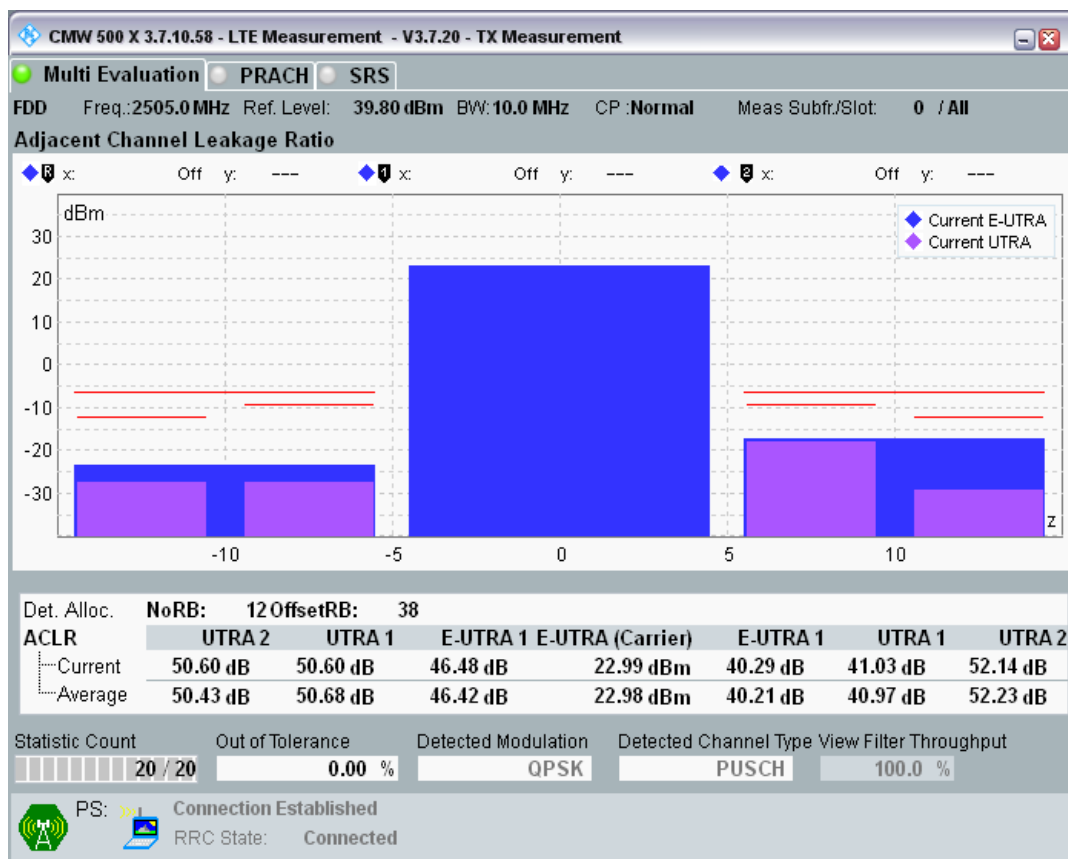
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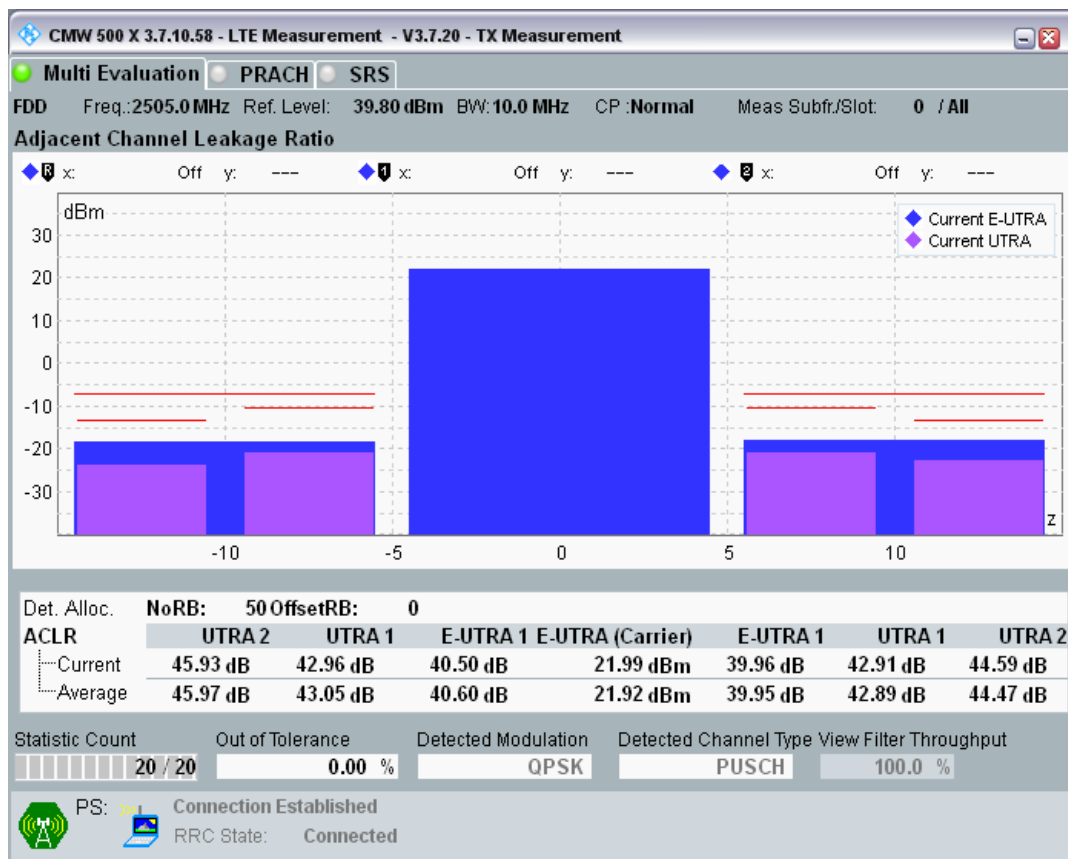
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#0.png



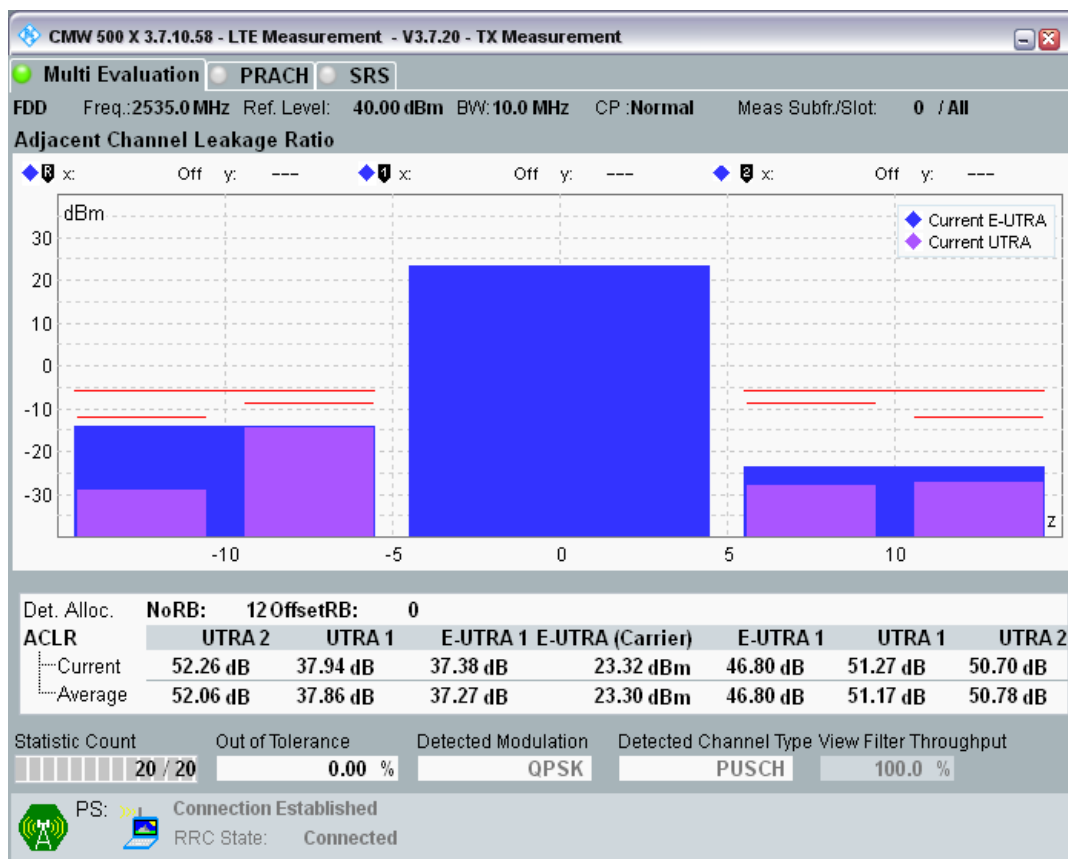
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



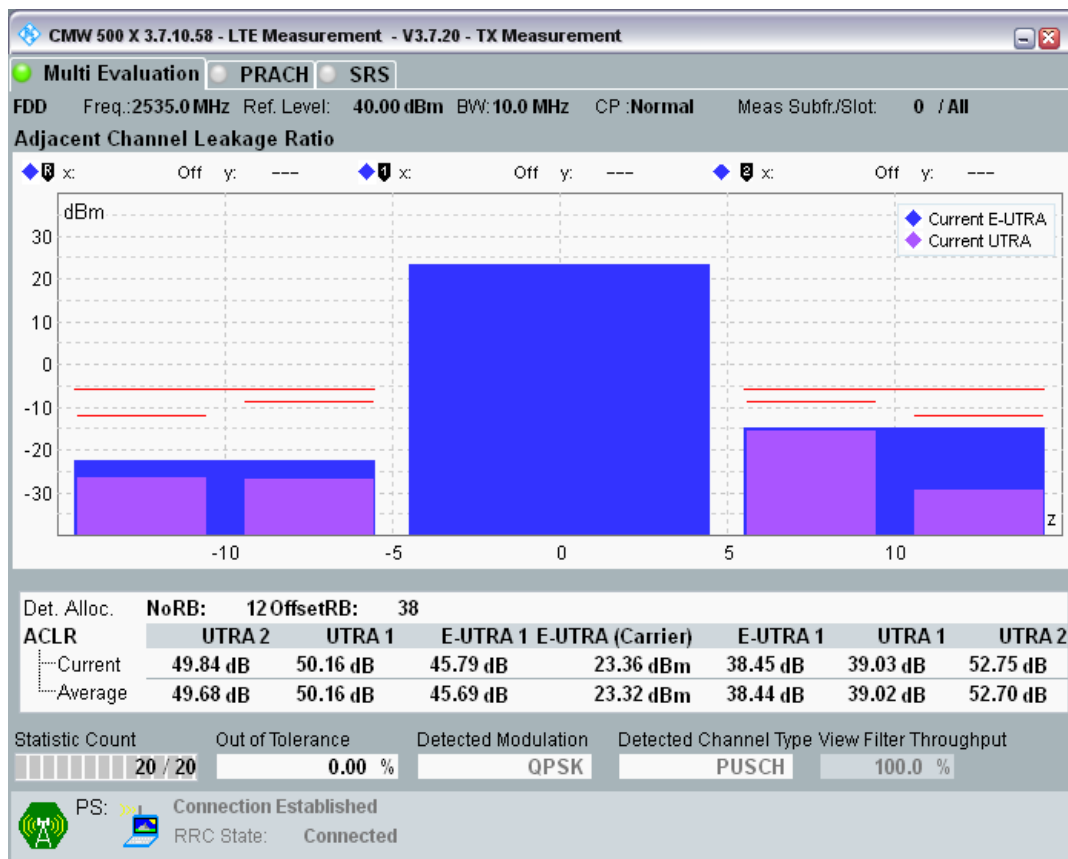
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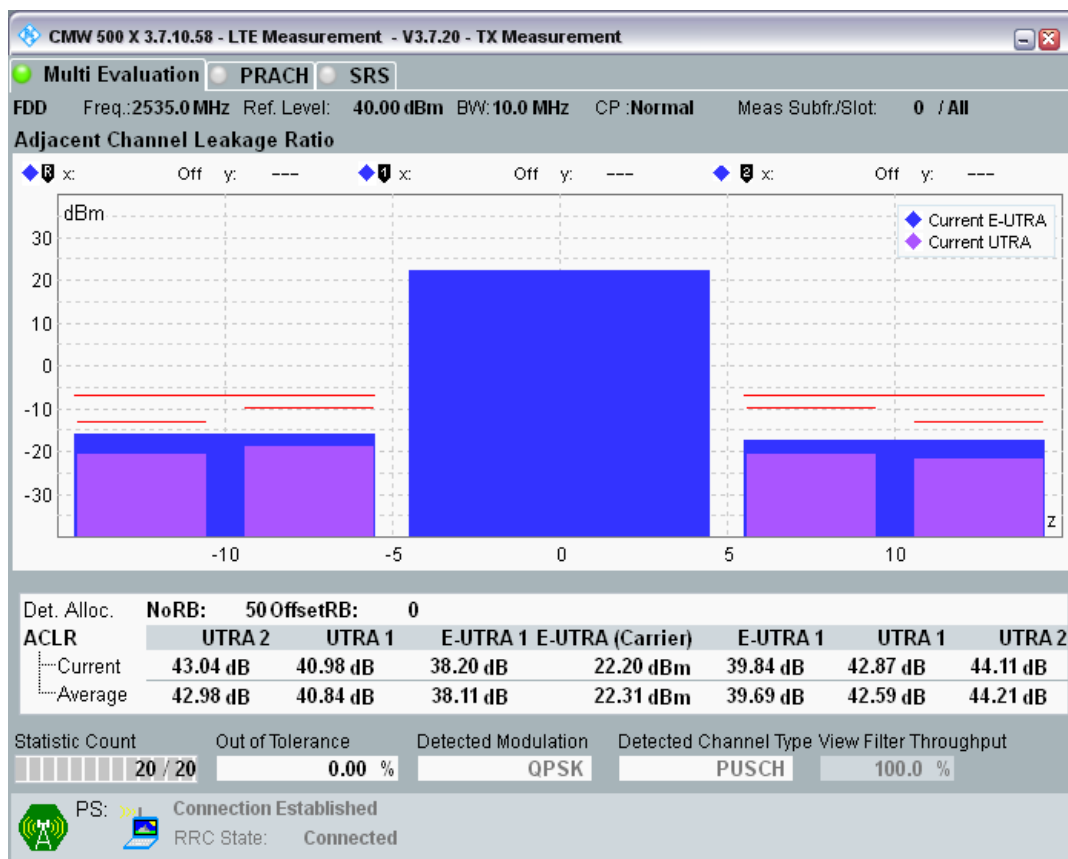
Band7 QPSK BW=10MHz Channel=21100 RB Size=12 Position=#0.png



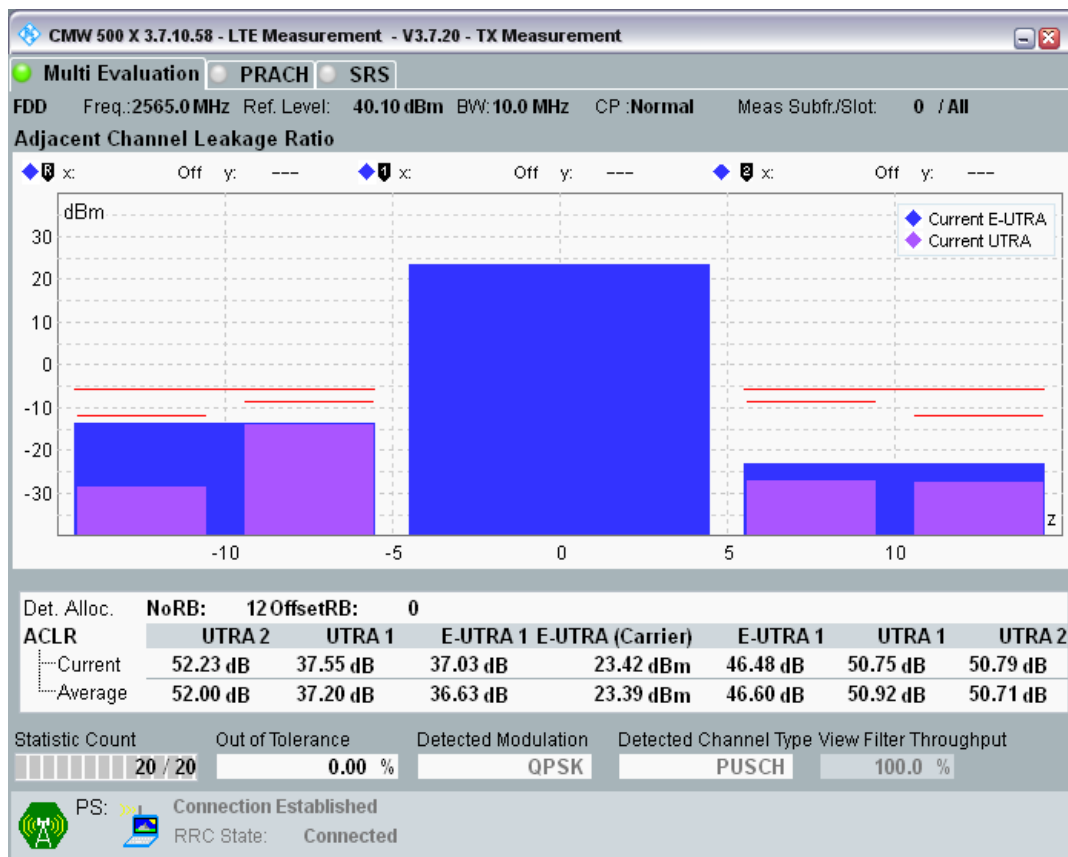
Band7 QPSK BW=10MHz Channel=21100 RB Size=12 Position=#Max.png



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



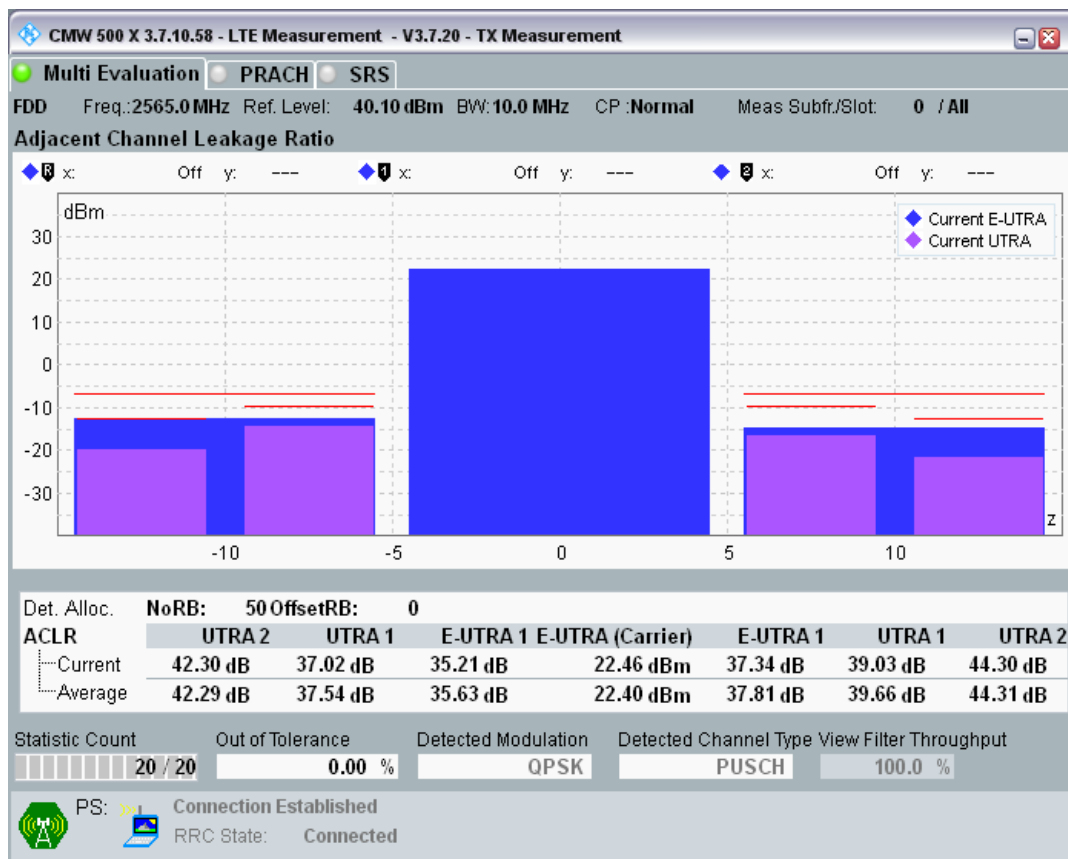
Band7 QPSK BW=10MHz Channel=21400 RB Size=12 Position=#0.png



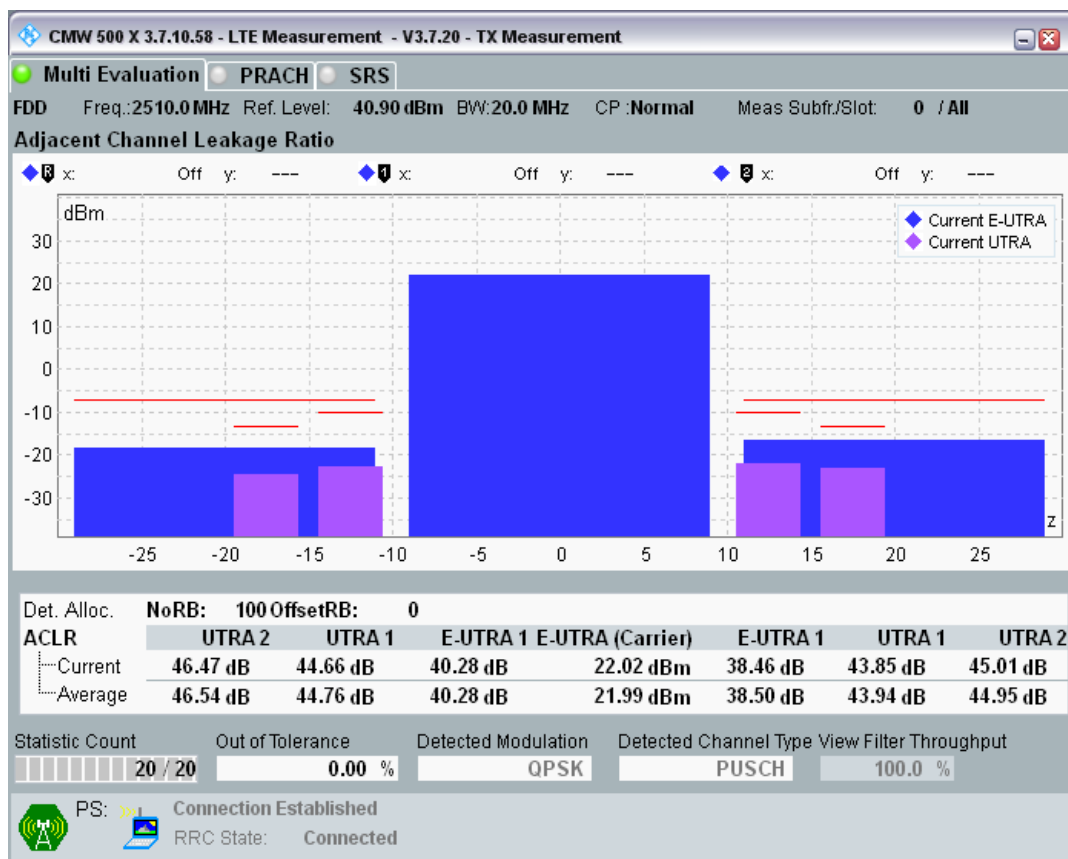
Band7 QPSK BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



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



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



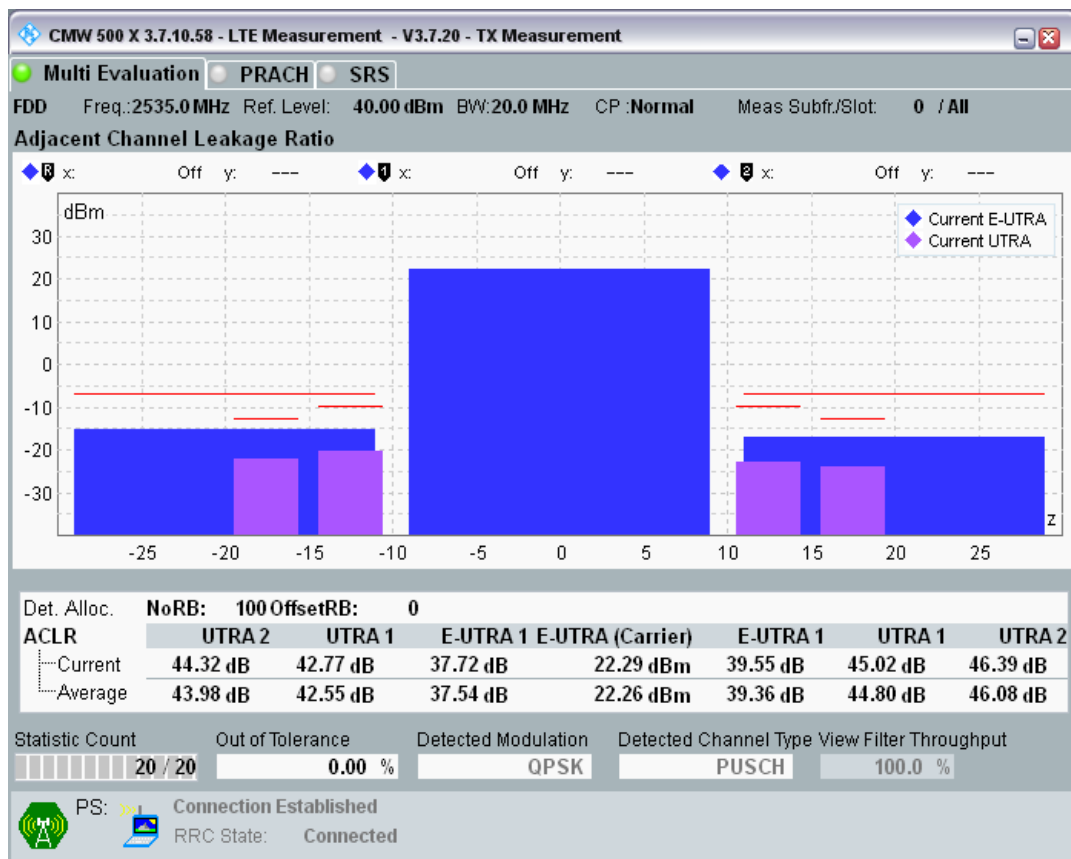
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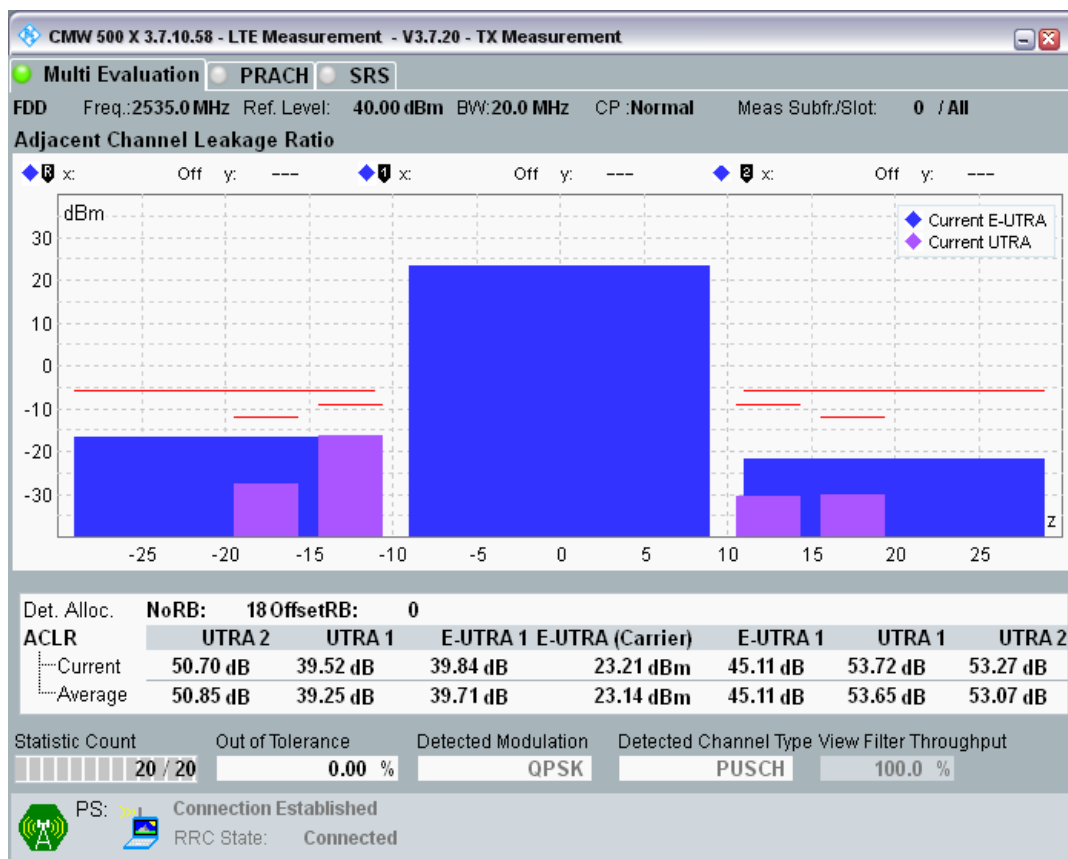
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Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0.png



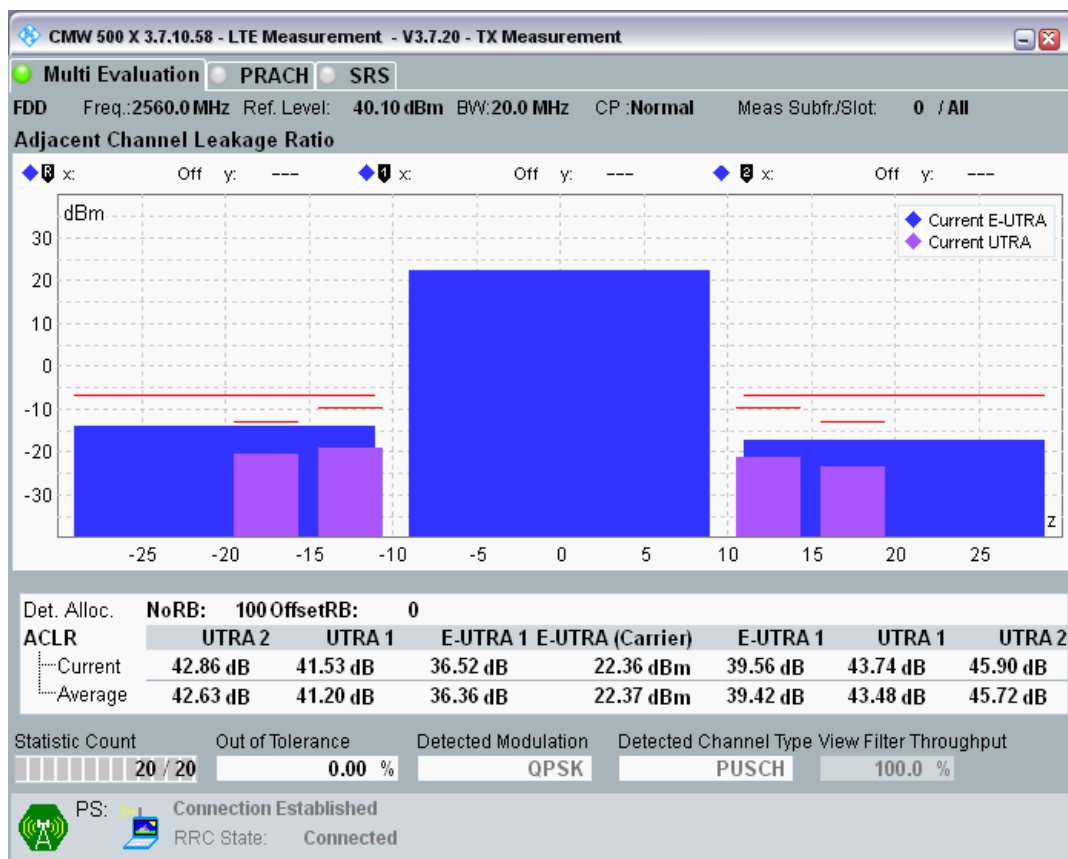
Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#0.png



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



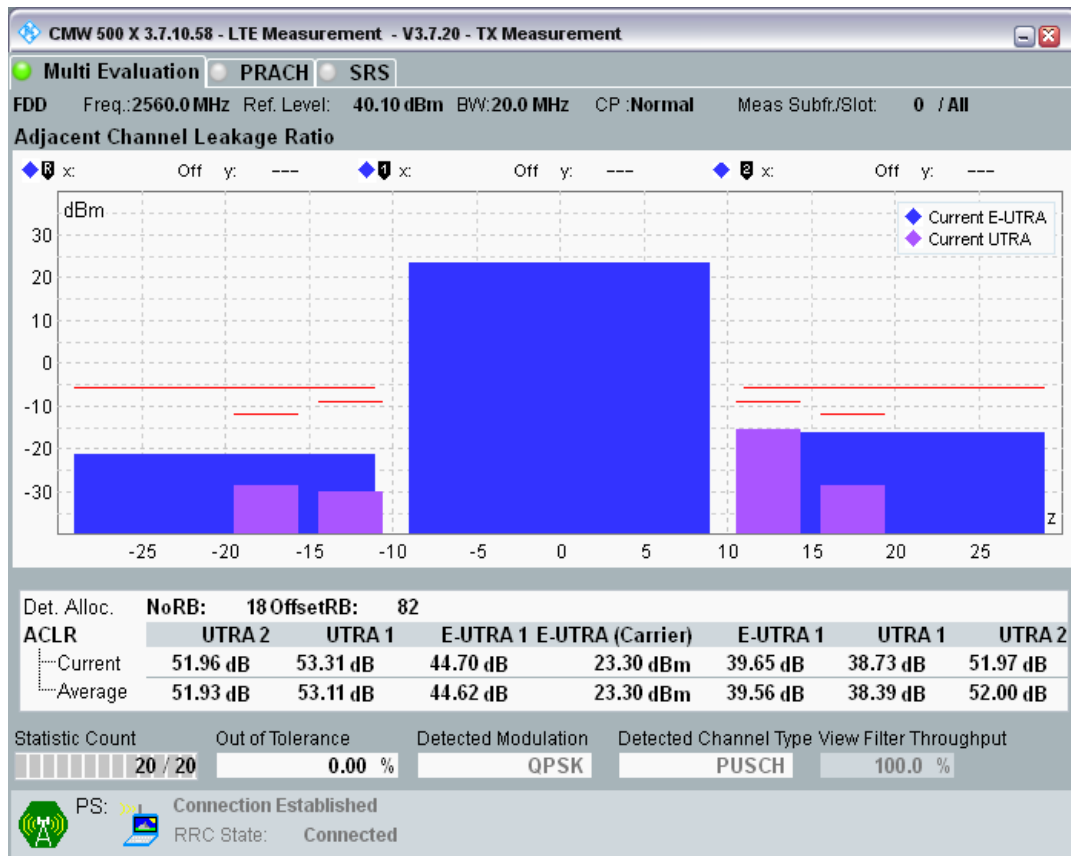
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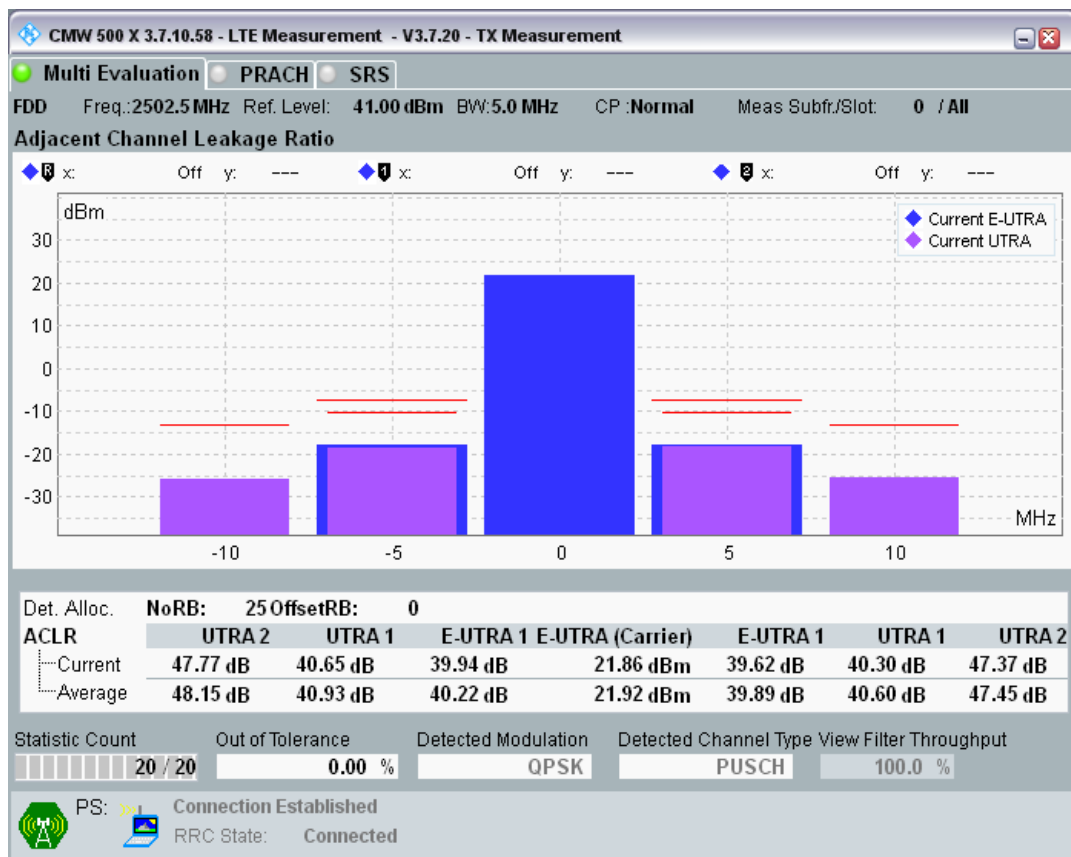
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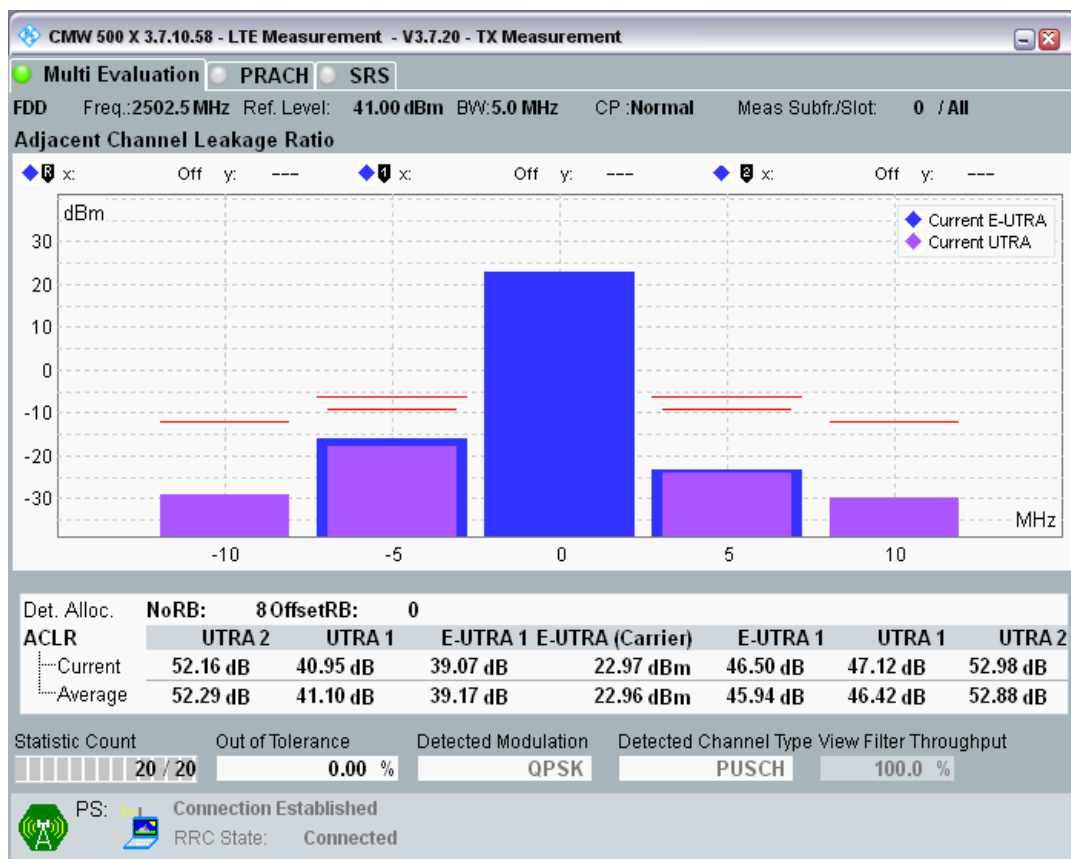
Band7 QPSK BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



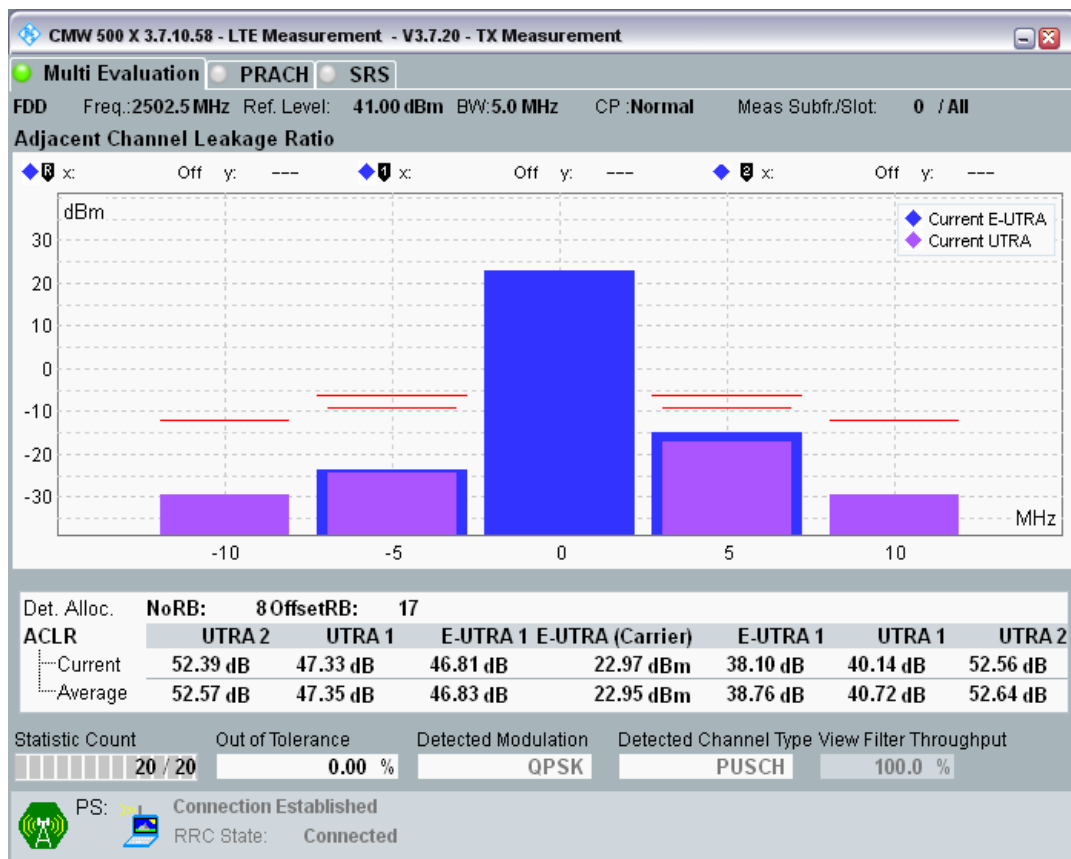
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



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



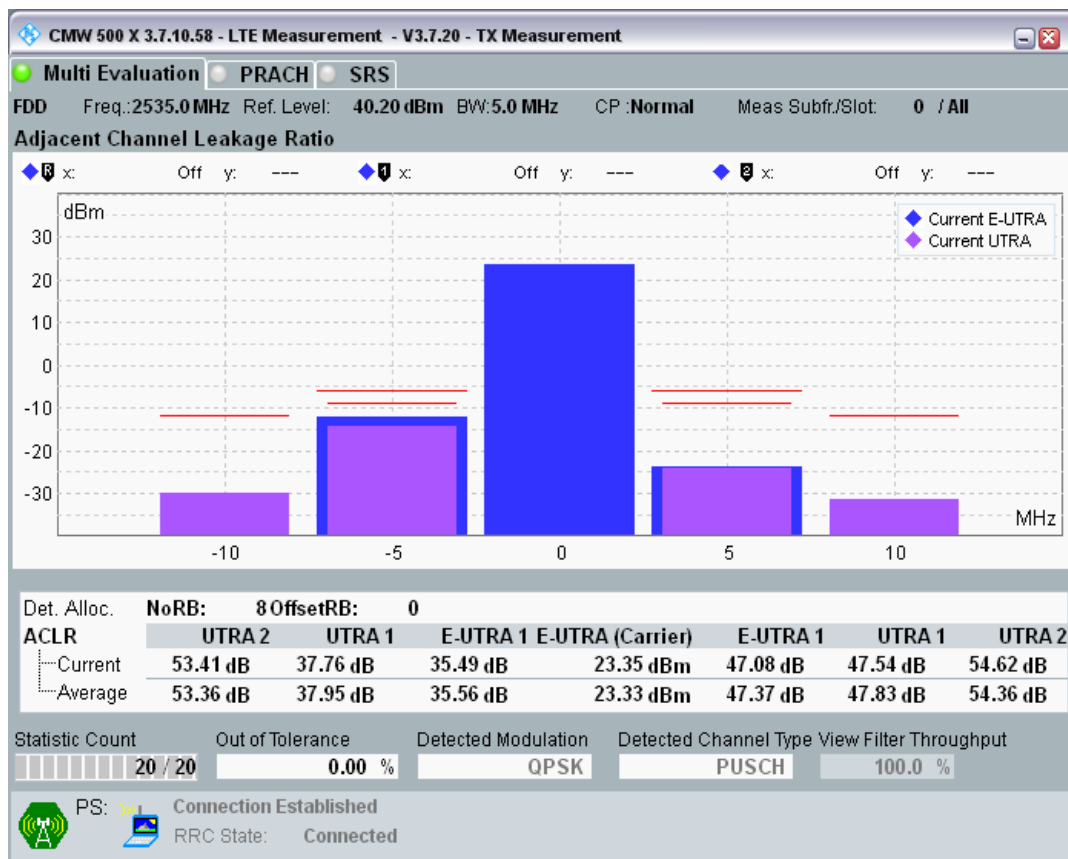
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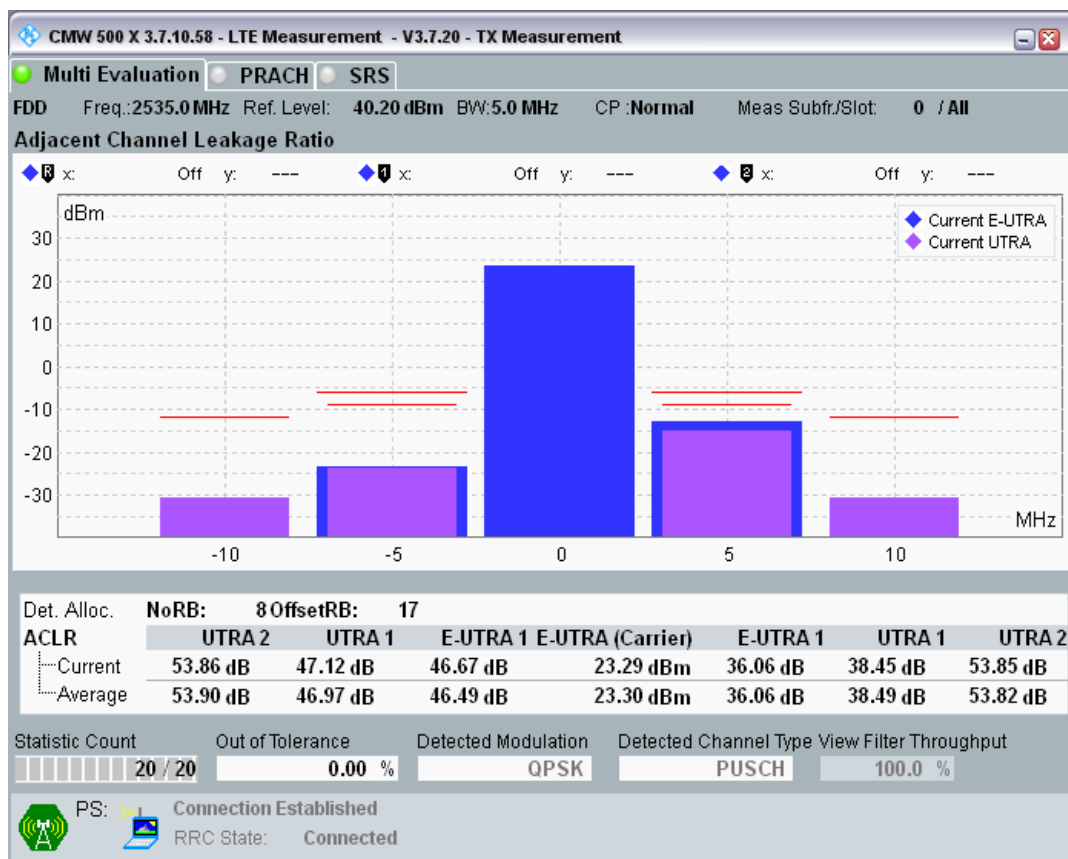
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0.png



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



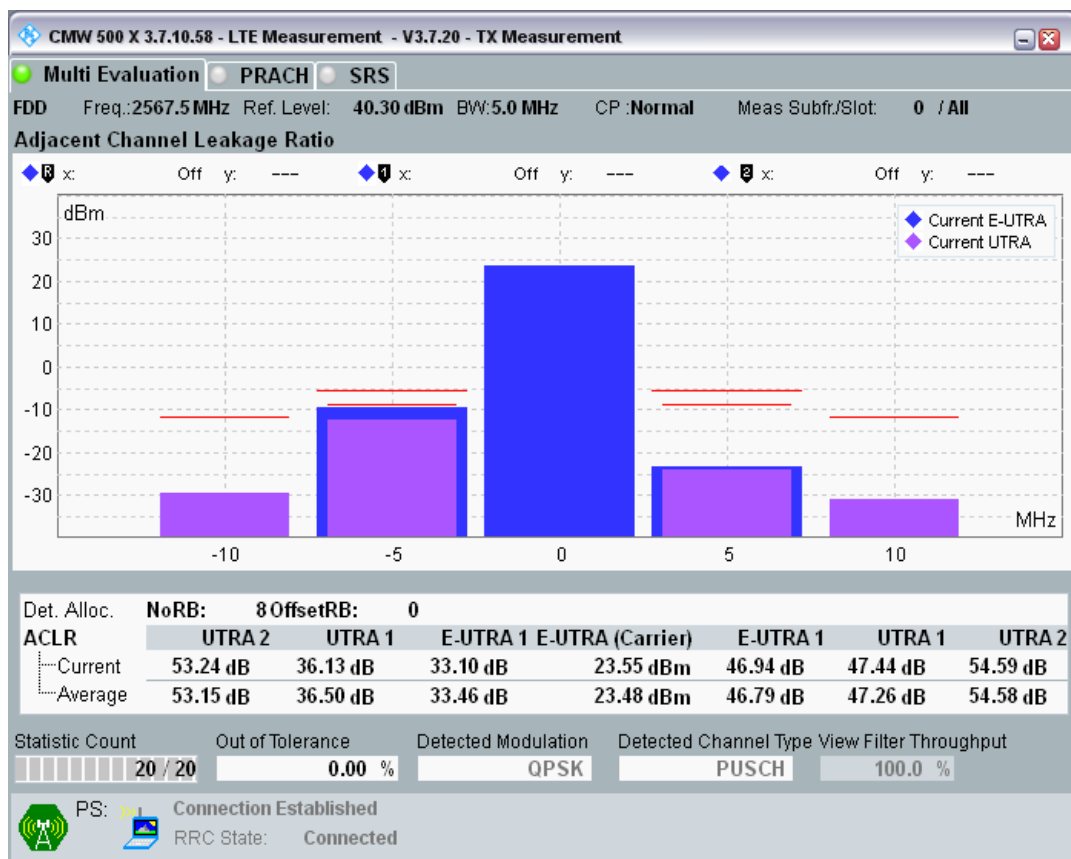
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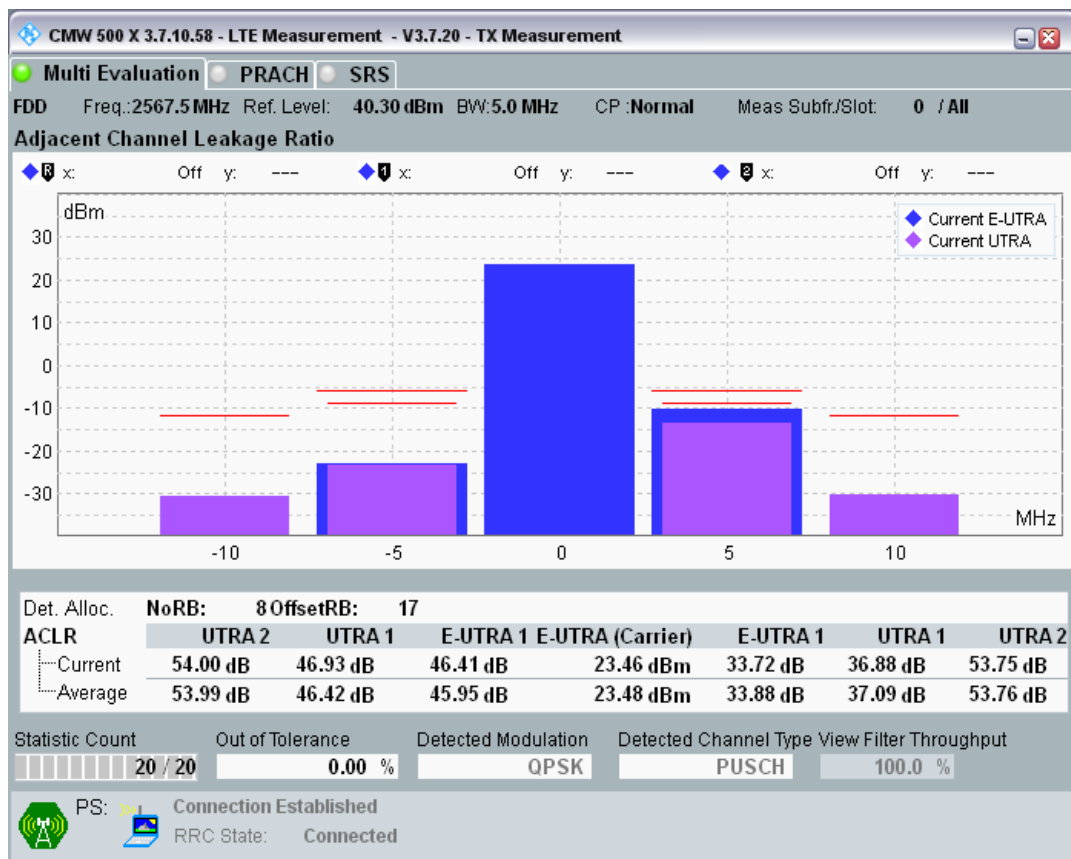
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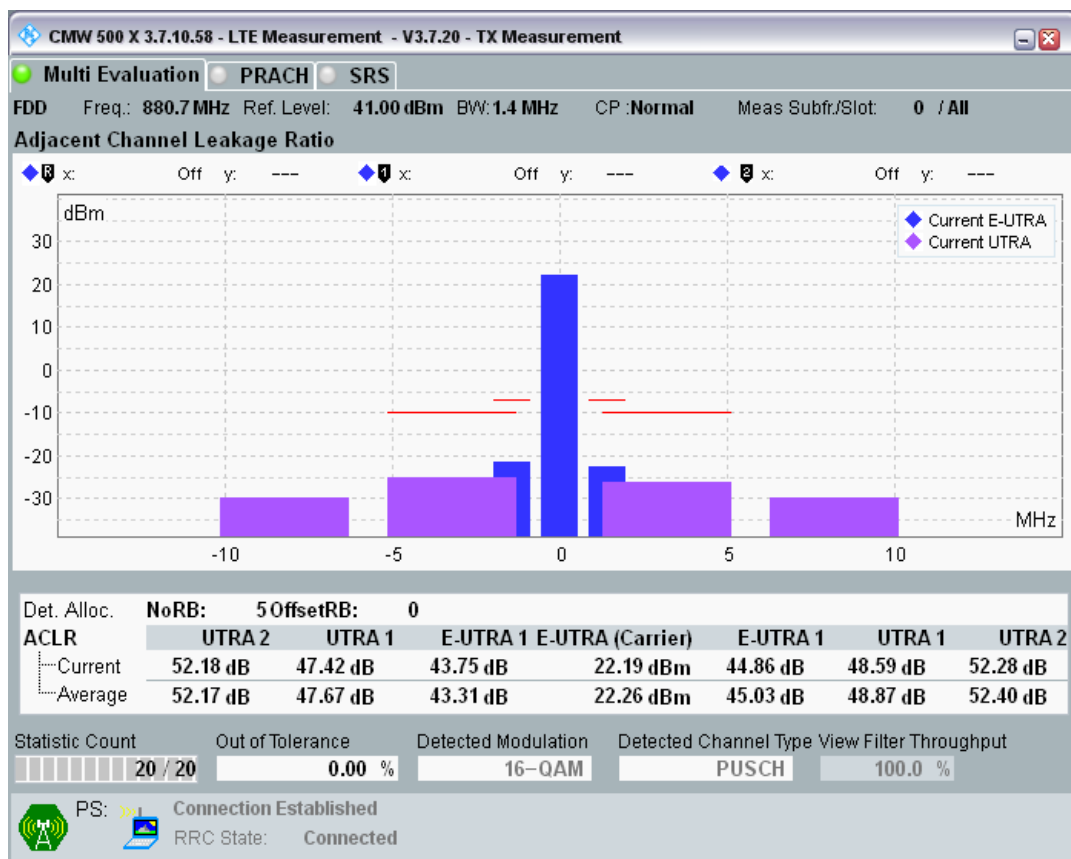
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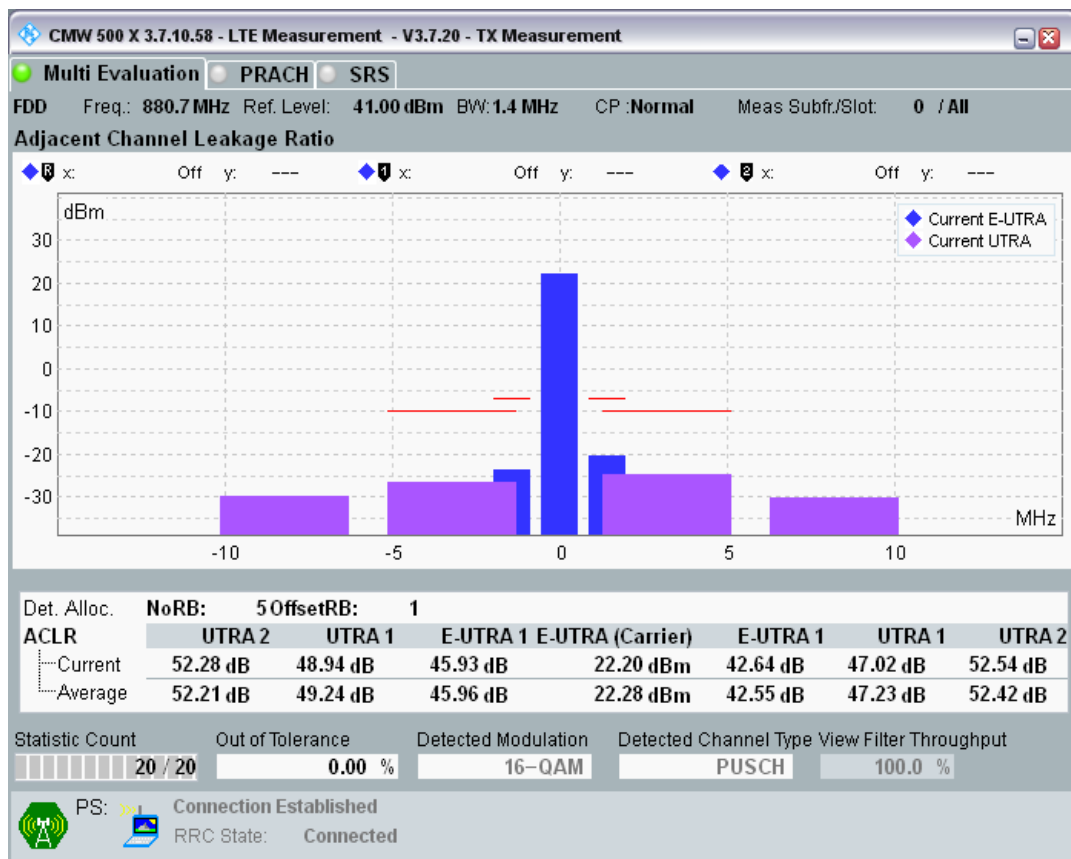
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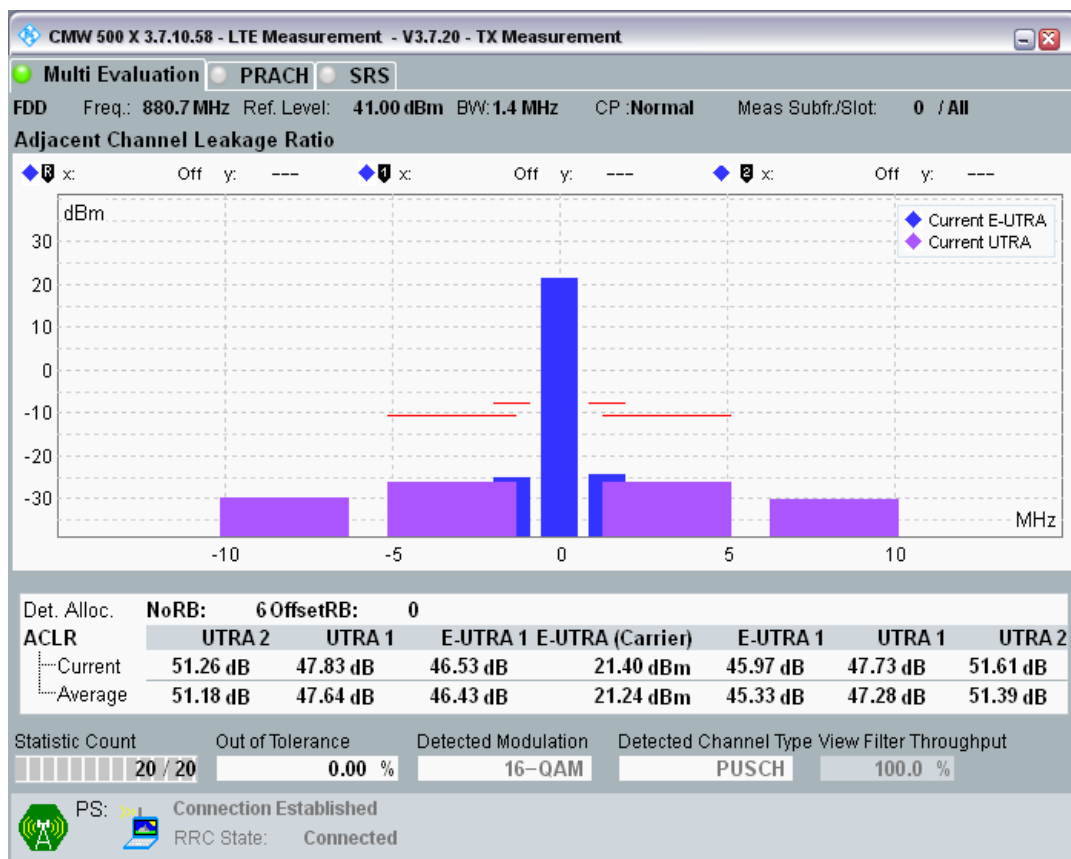
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



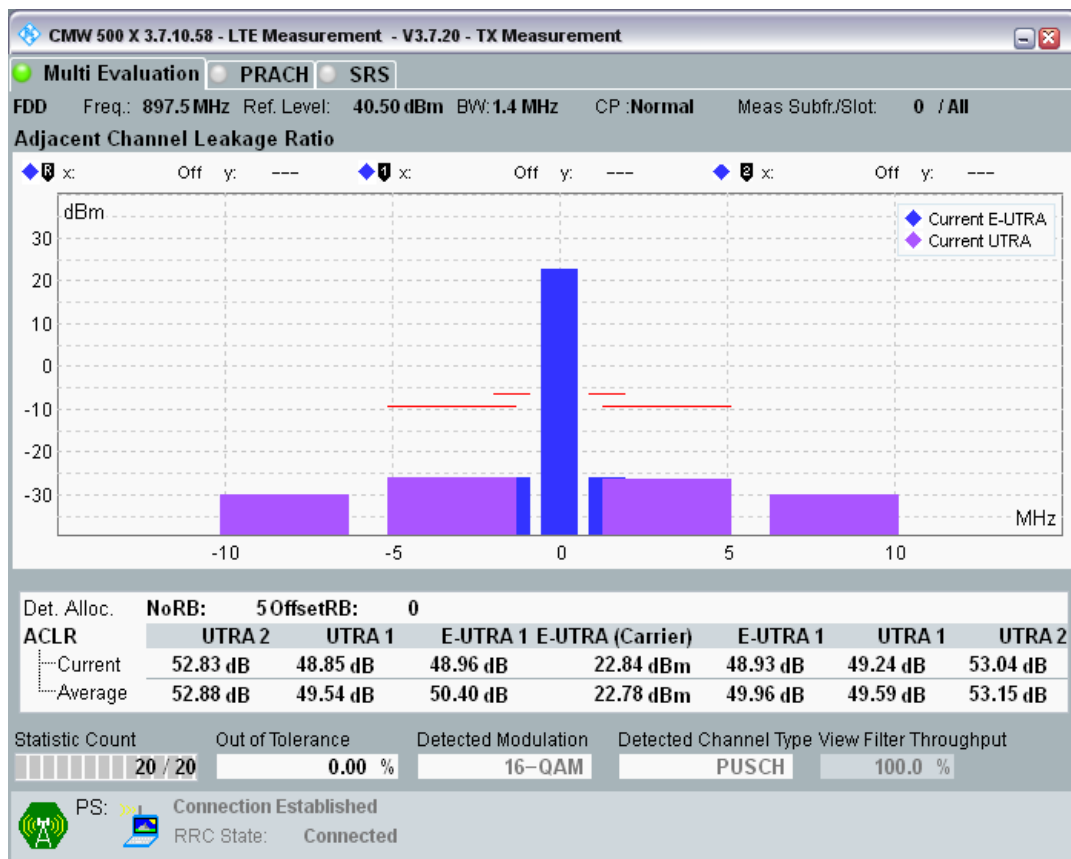
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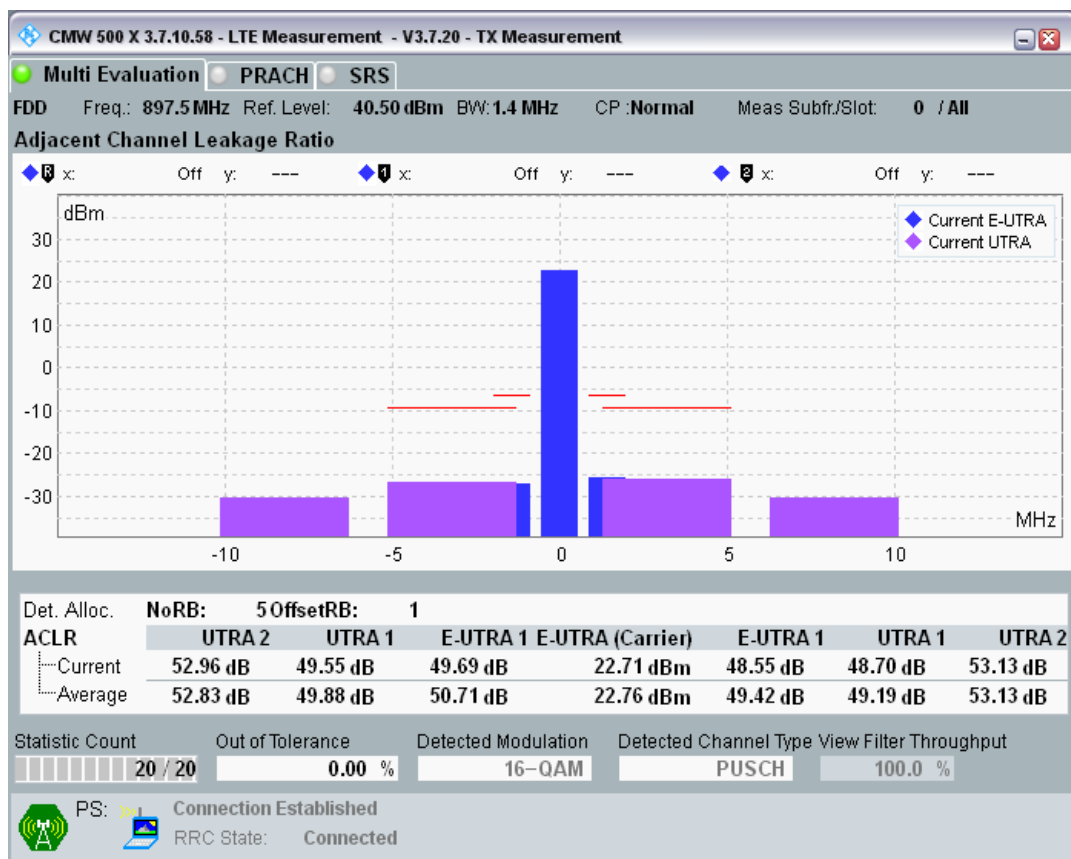
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=6 Position=#0.png



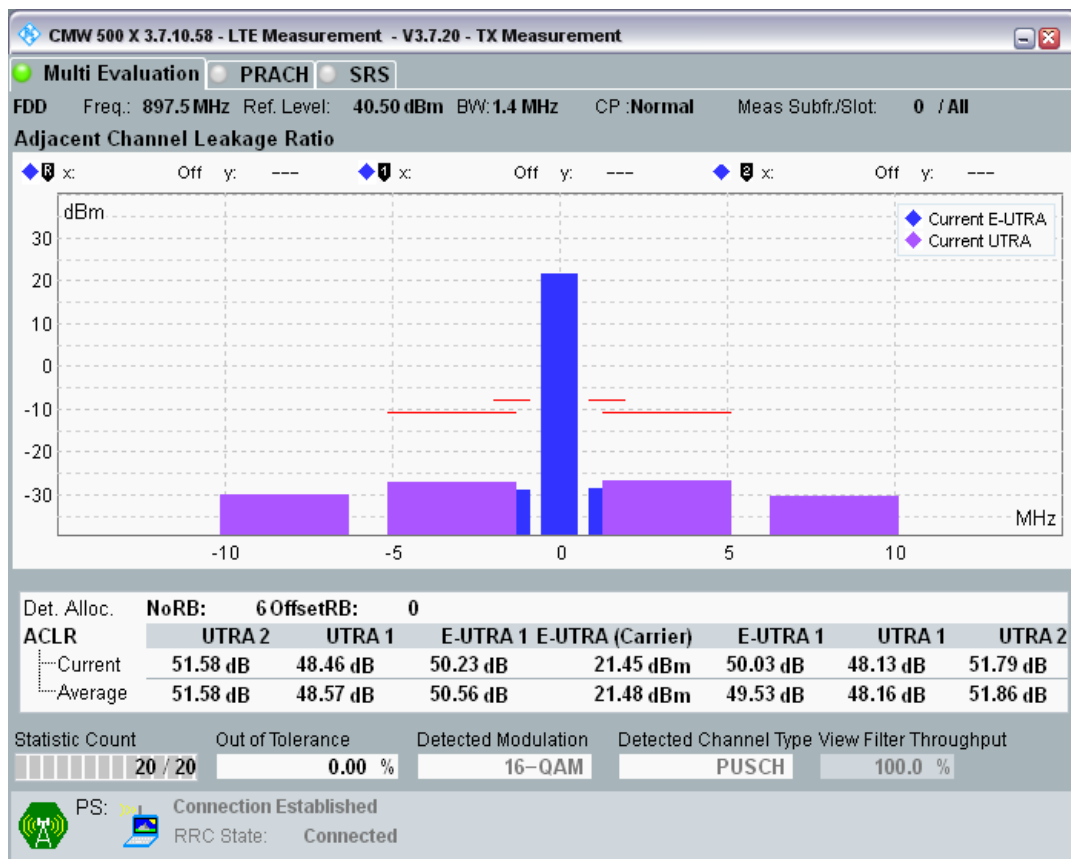
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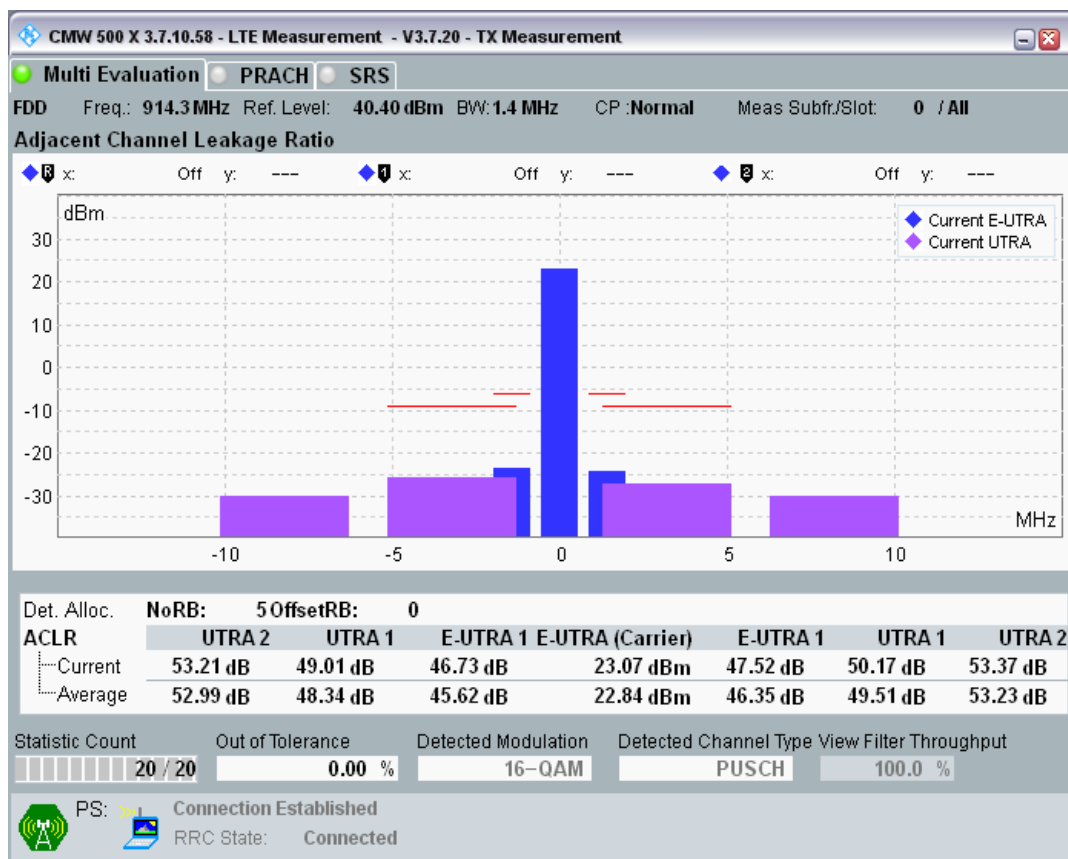
Band8 QAM16 BW=1.4MHz Channel=21625 RB Size=5 Position=#Max.png



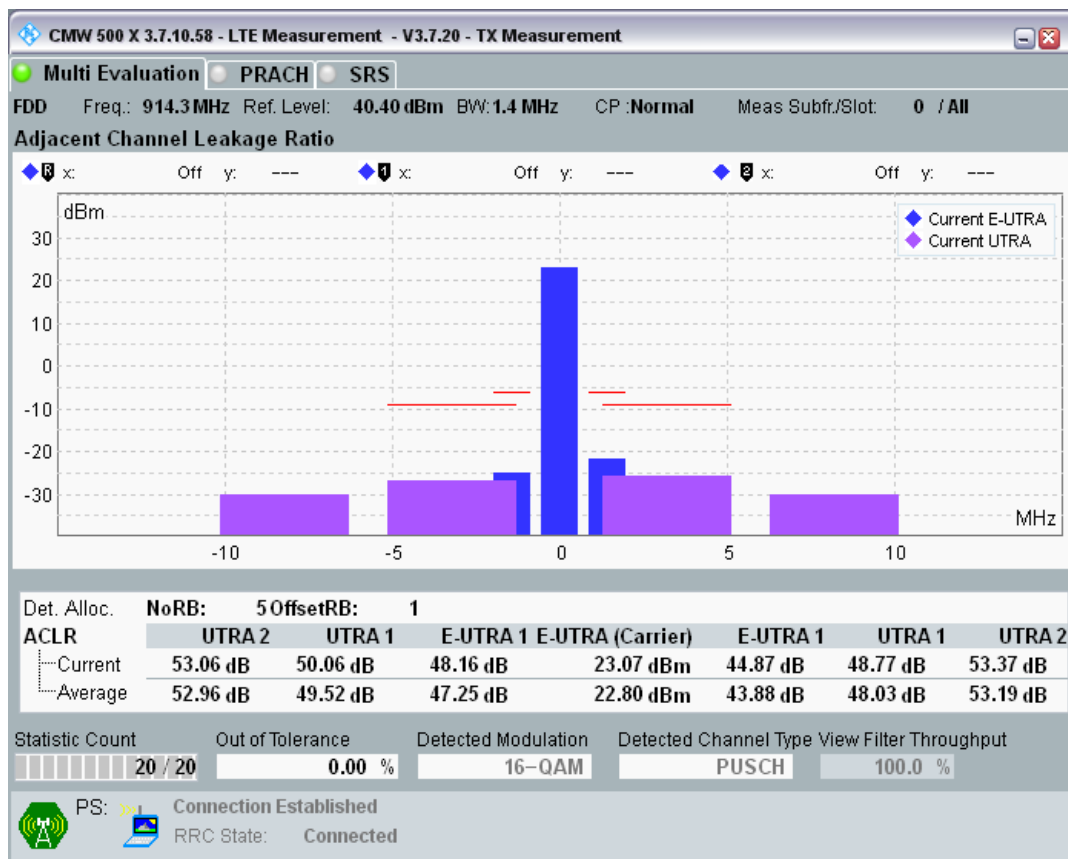
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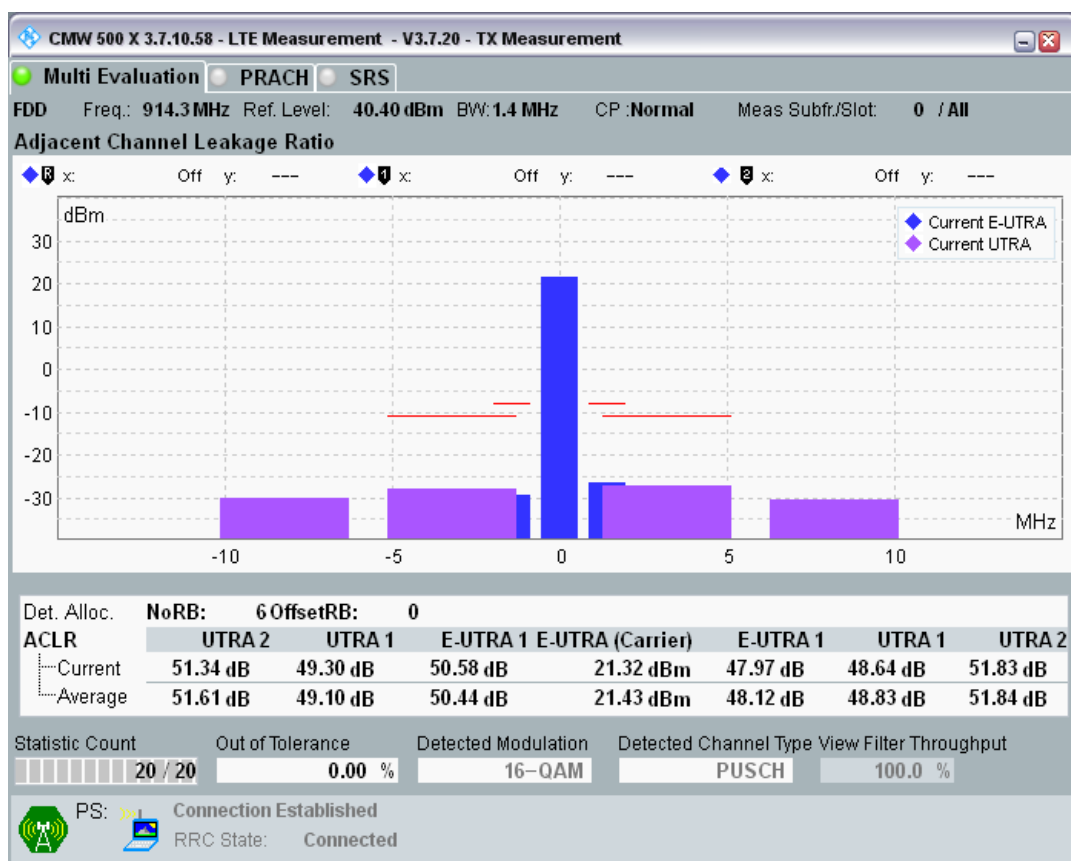
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



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



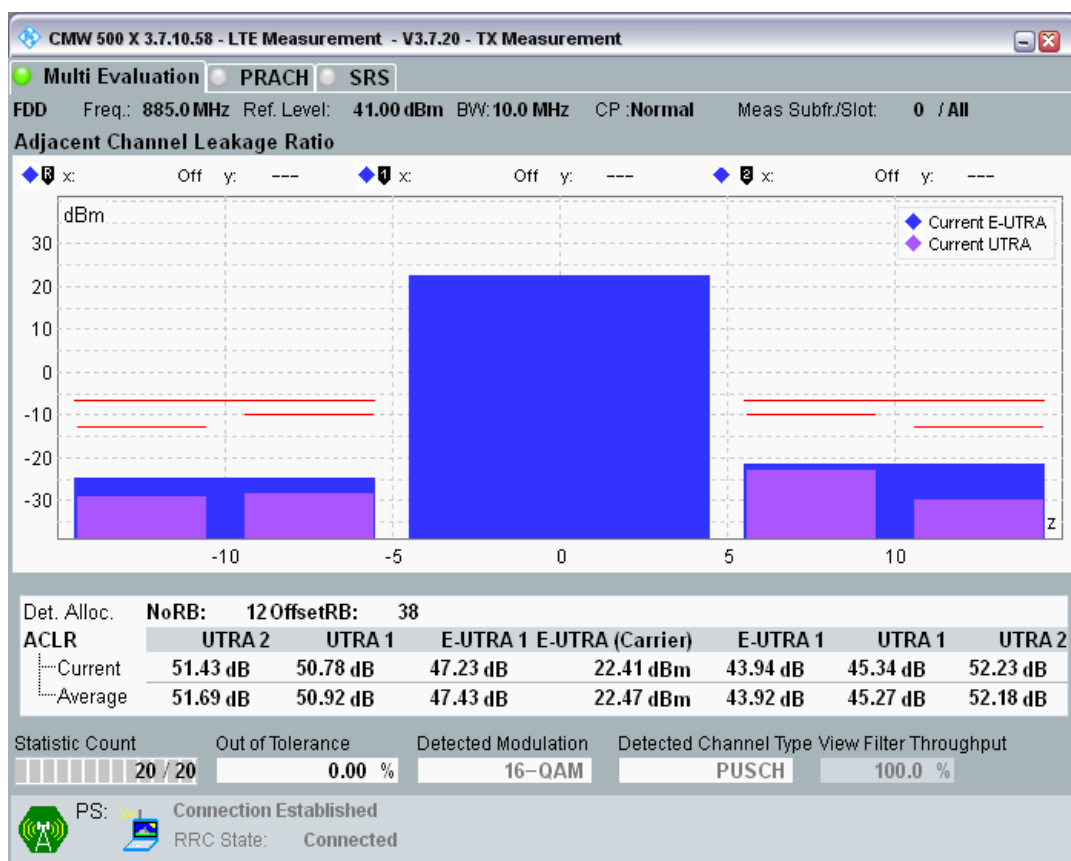
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



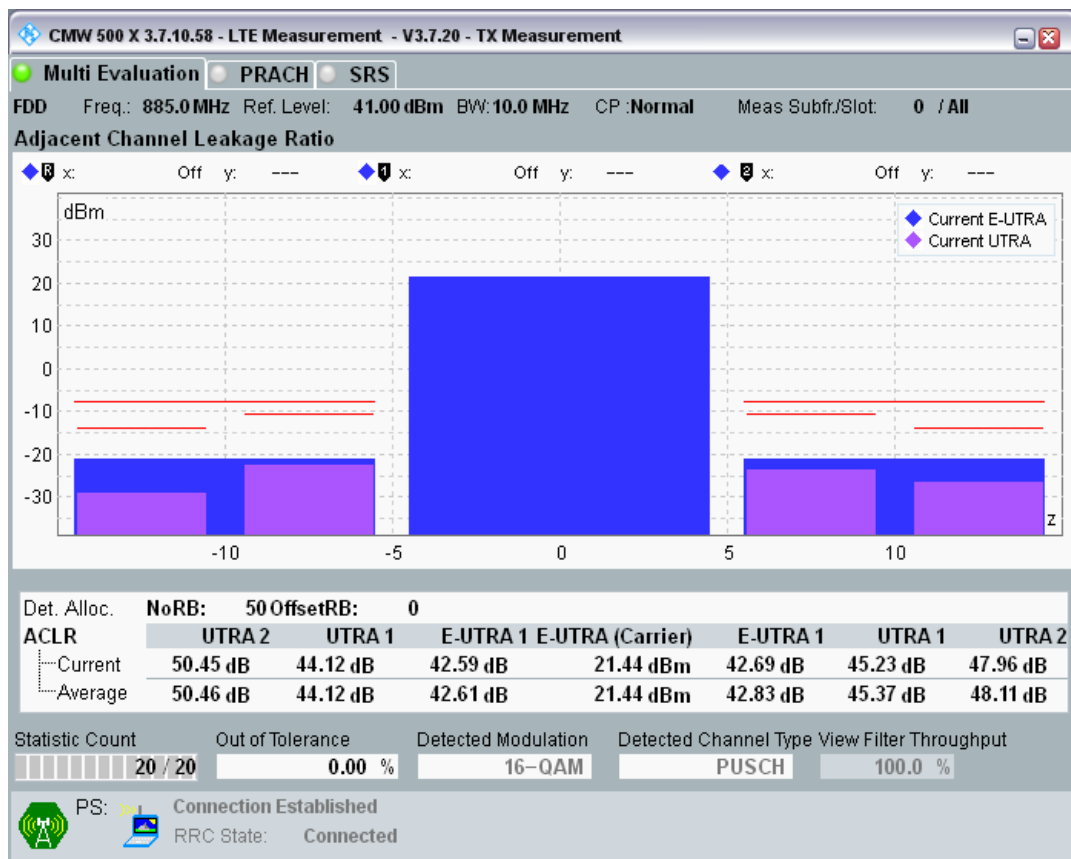
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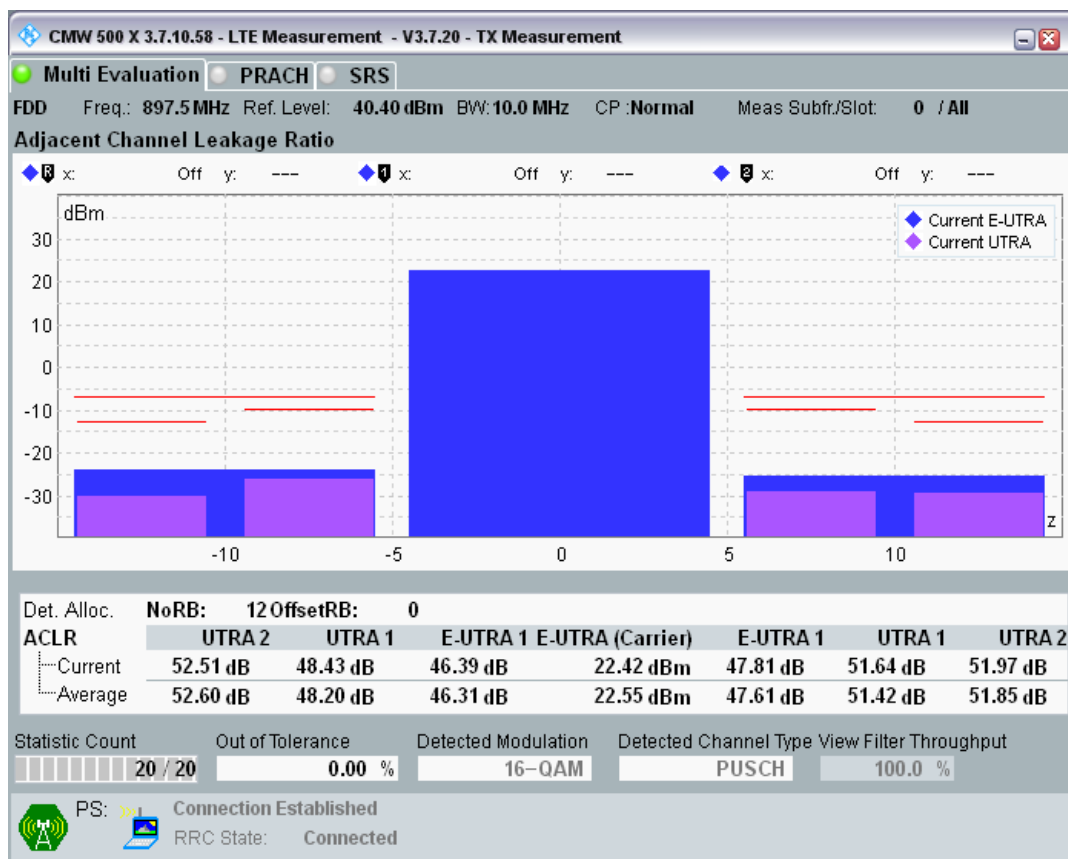
Band8 QAM16 BW=10MHz Channel=21500 RB Size=12 Position=#Max.png



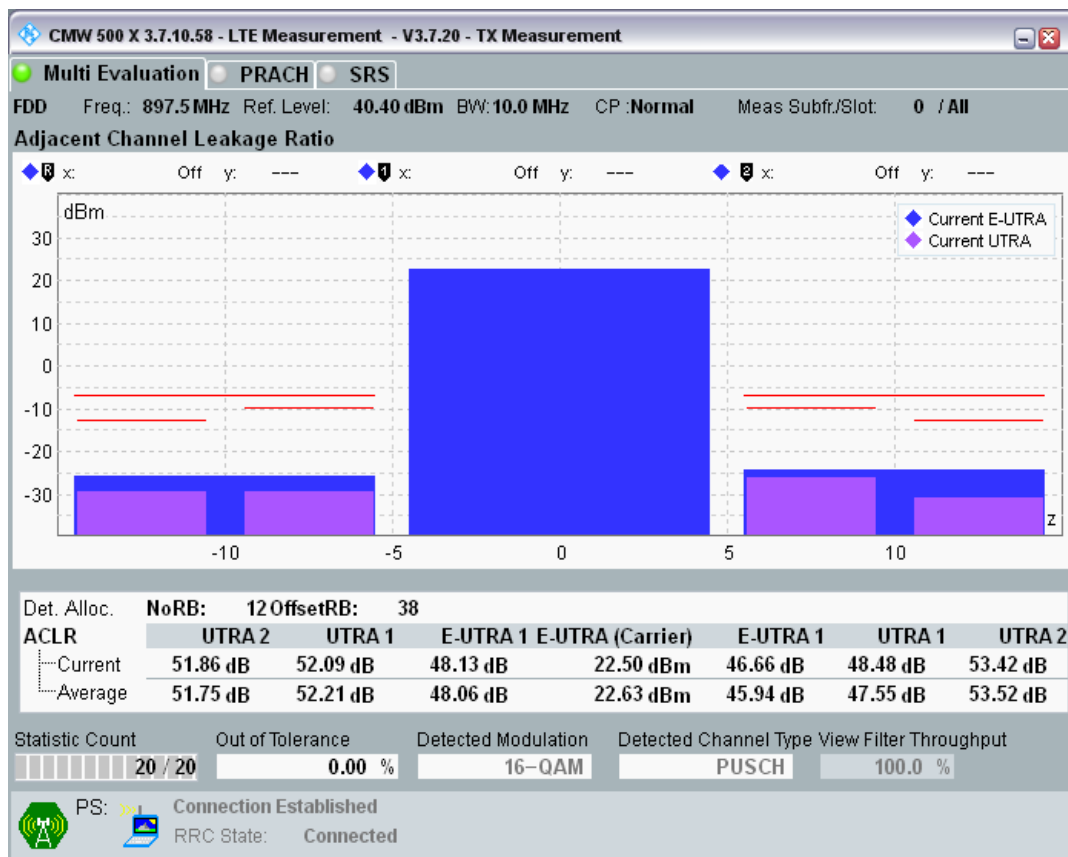
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Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#0.png



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



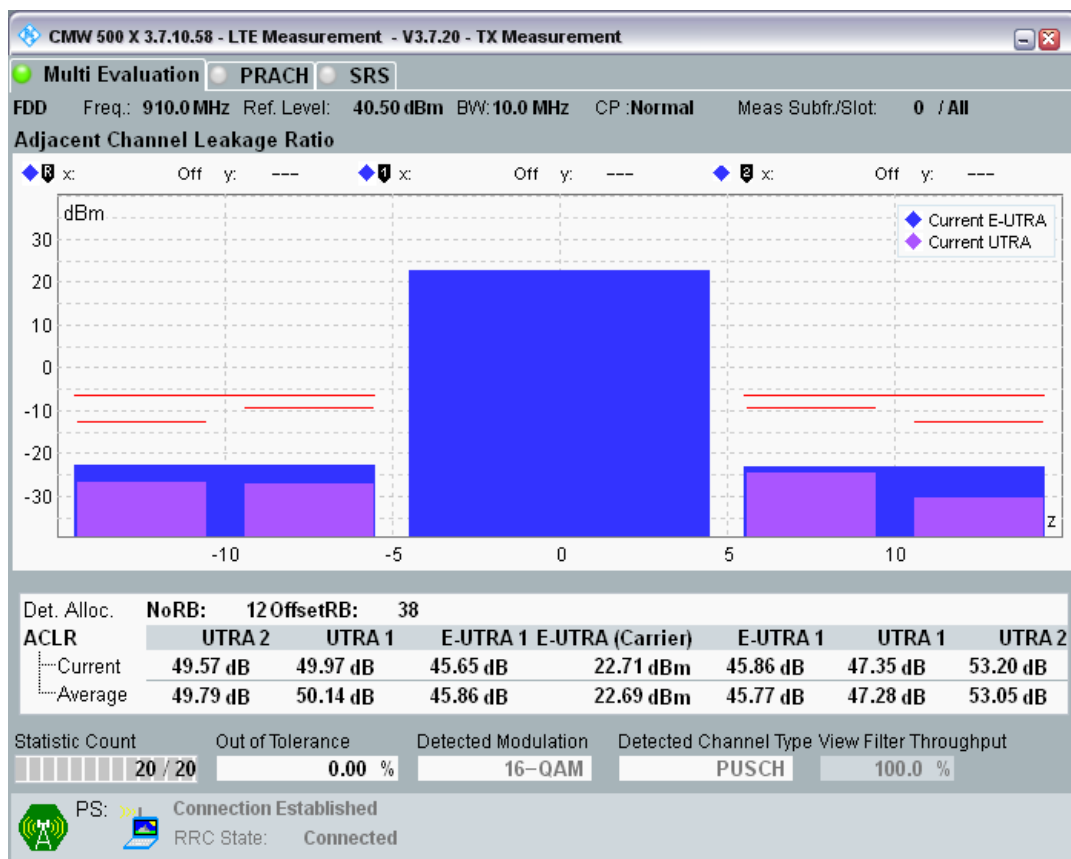
Band8 QAM16 BW=10MHz Channel=21625 RB Size=50 Position=#0.png



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



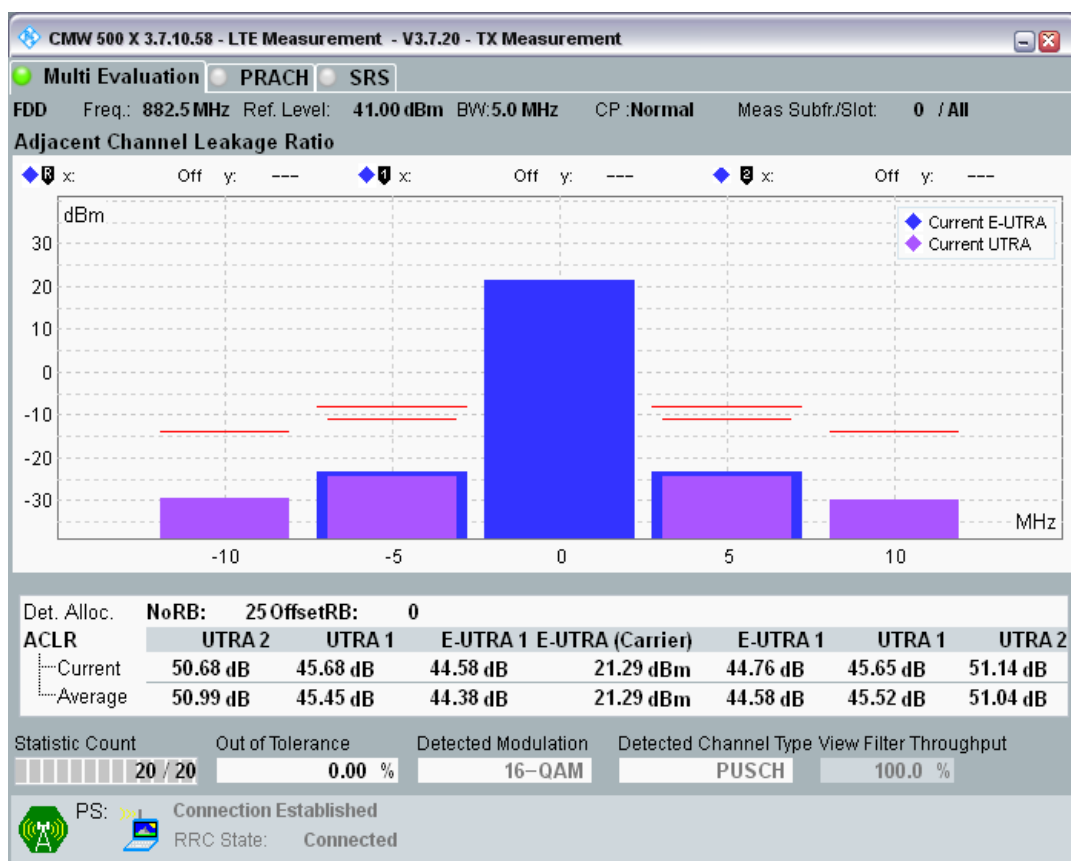
Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#Max.png



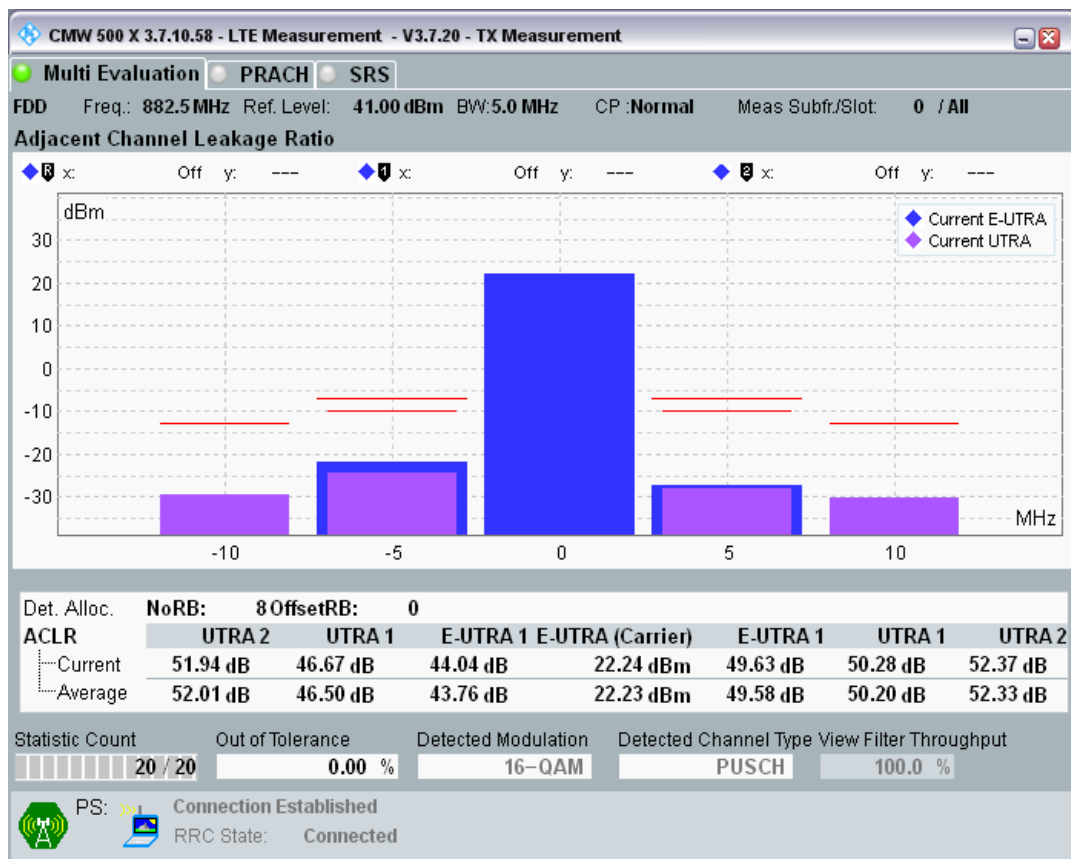
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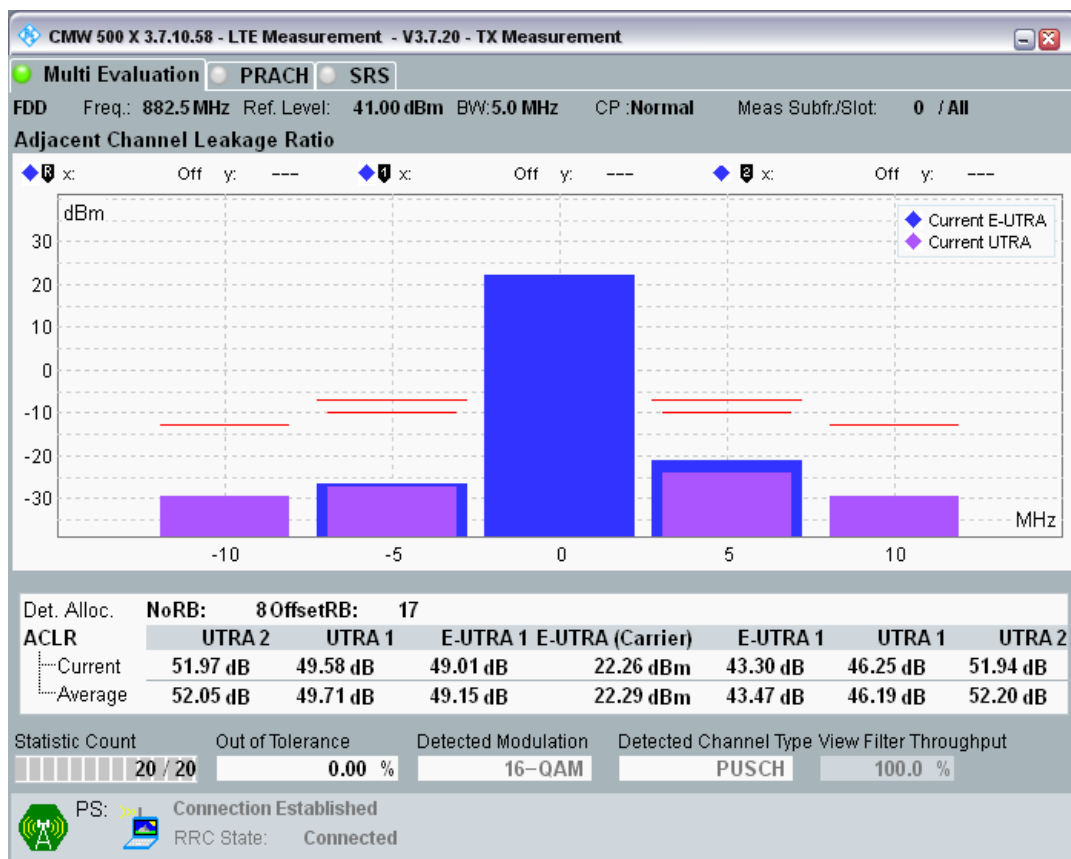
Band8 QAM16 BW=5MHz Channel=21475 RB Size=25 Position=#0.png



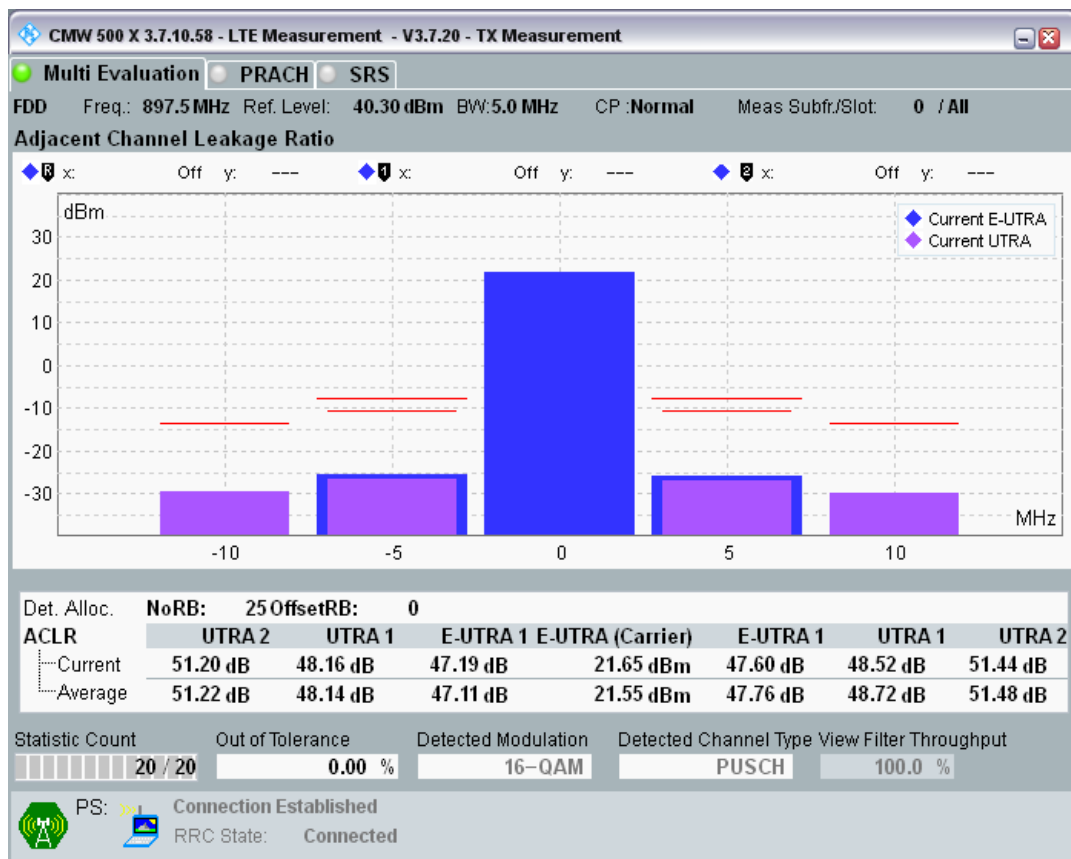
Band8 QAM16 BW=5MHz Channel=21475 RB Size=8 Position=#0.png



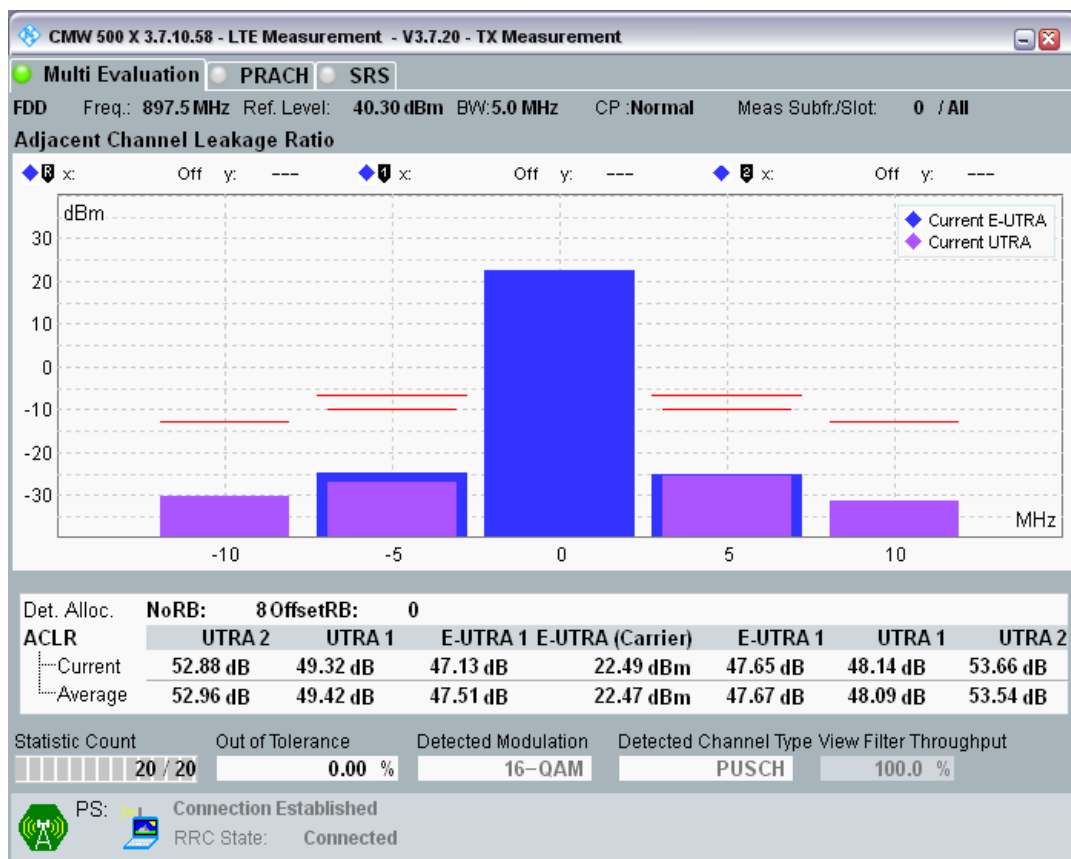
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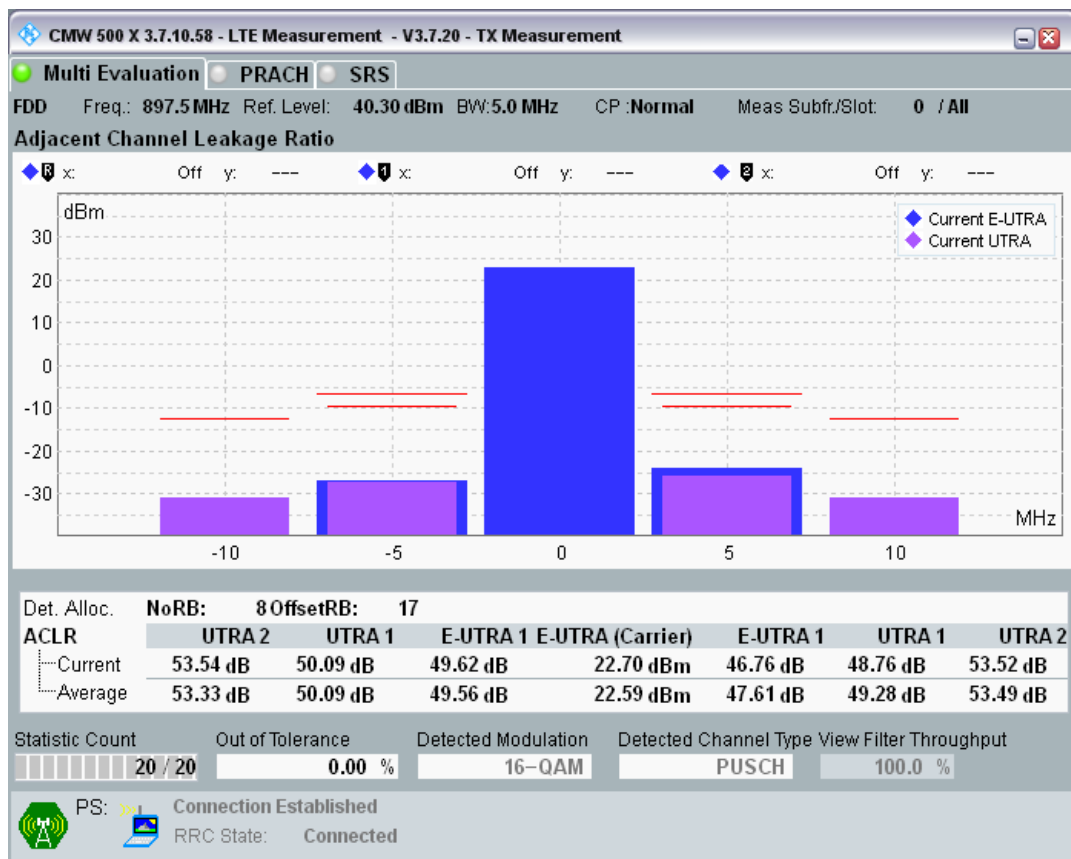
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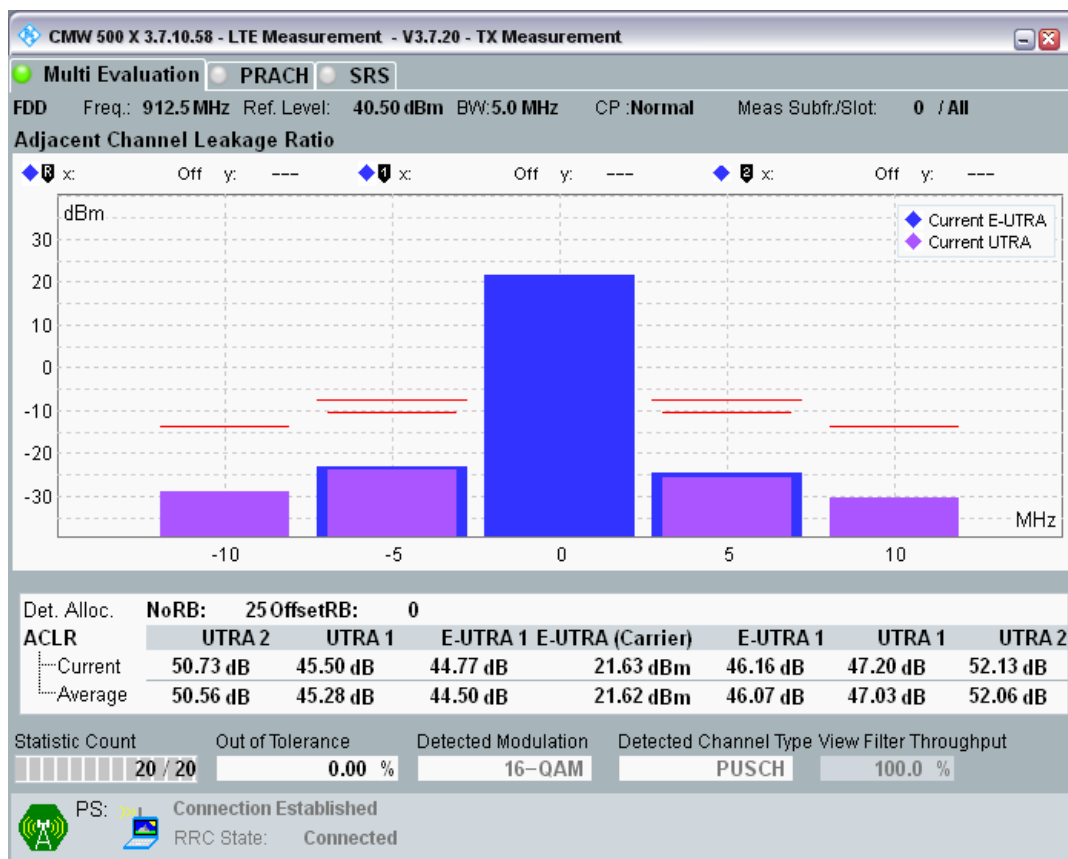
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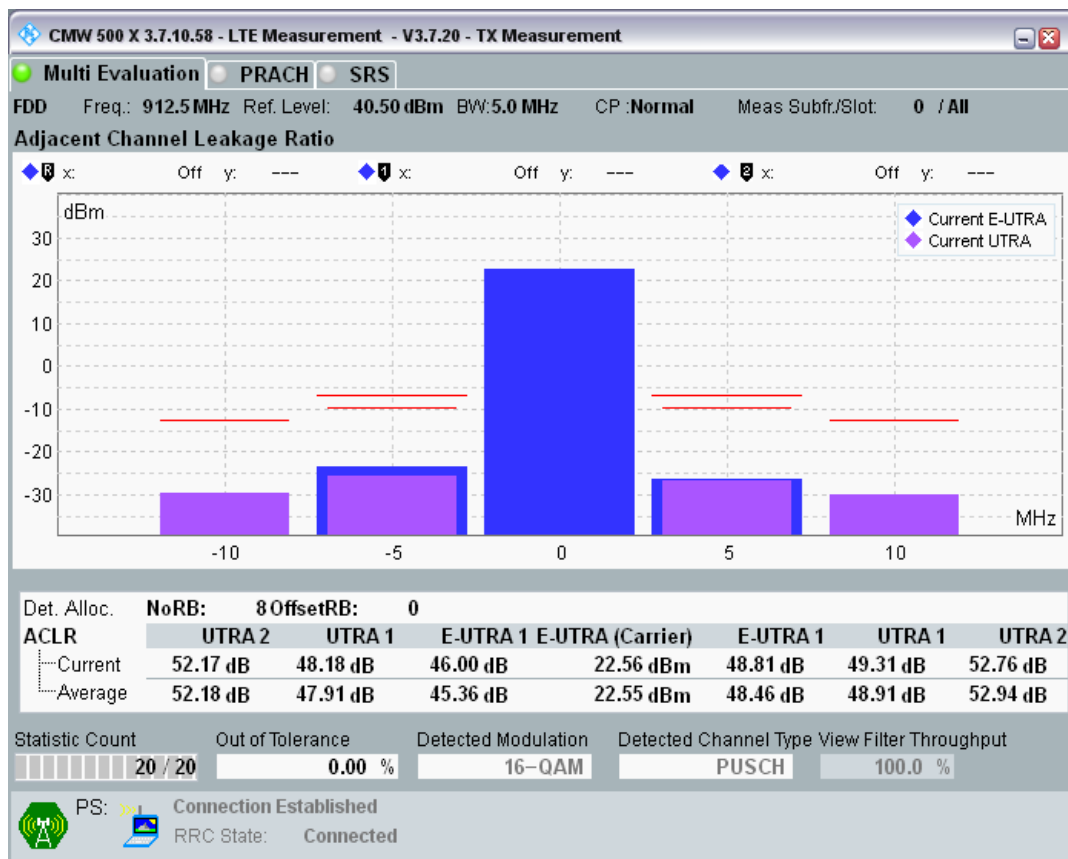
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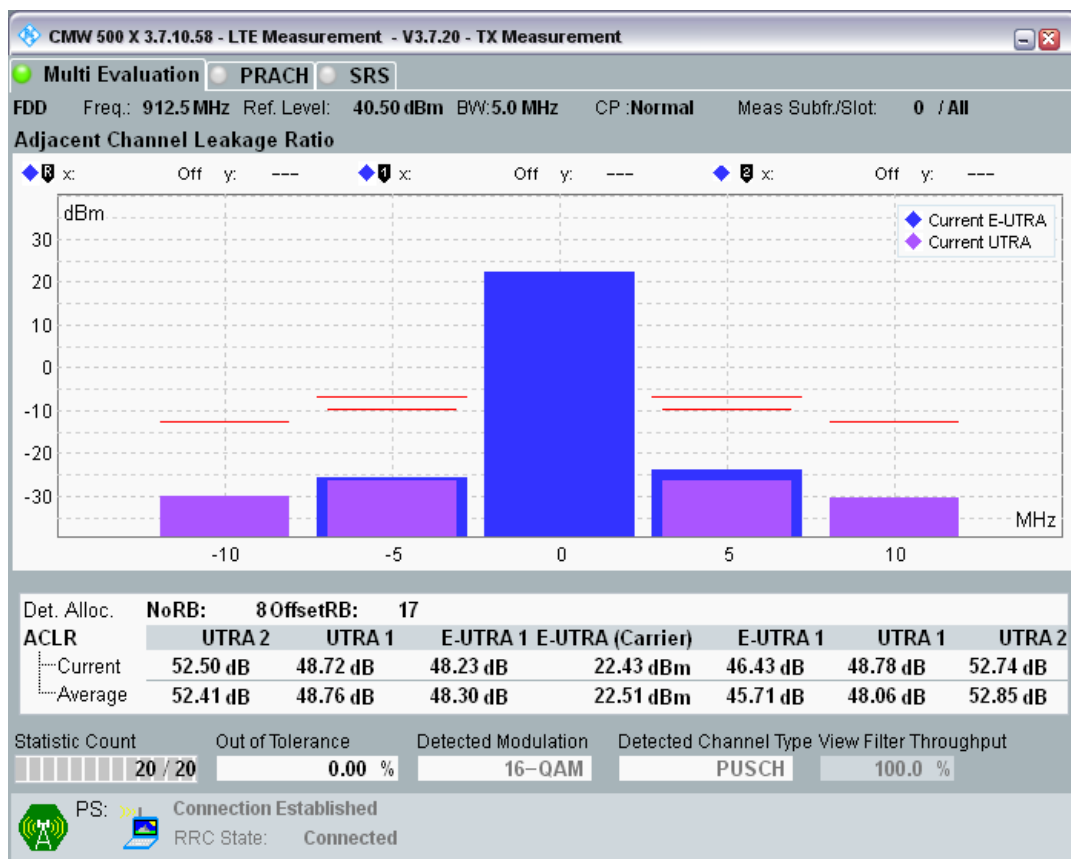
Band8 QAM16 BW=5MHz Channel=21775 RB Size=25 Position=#0.png



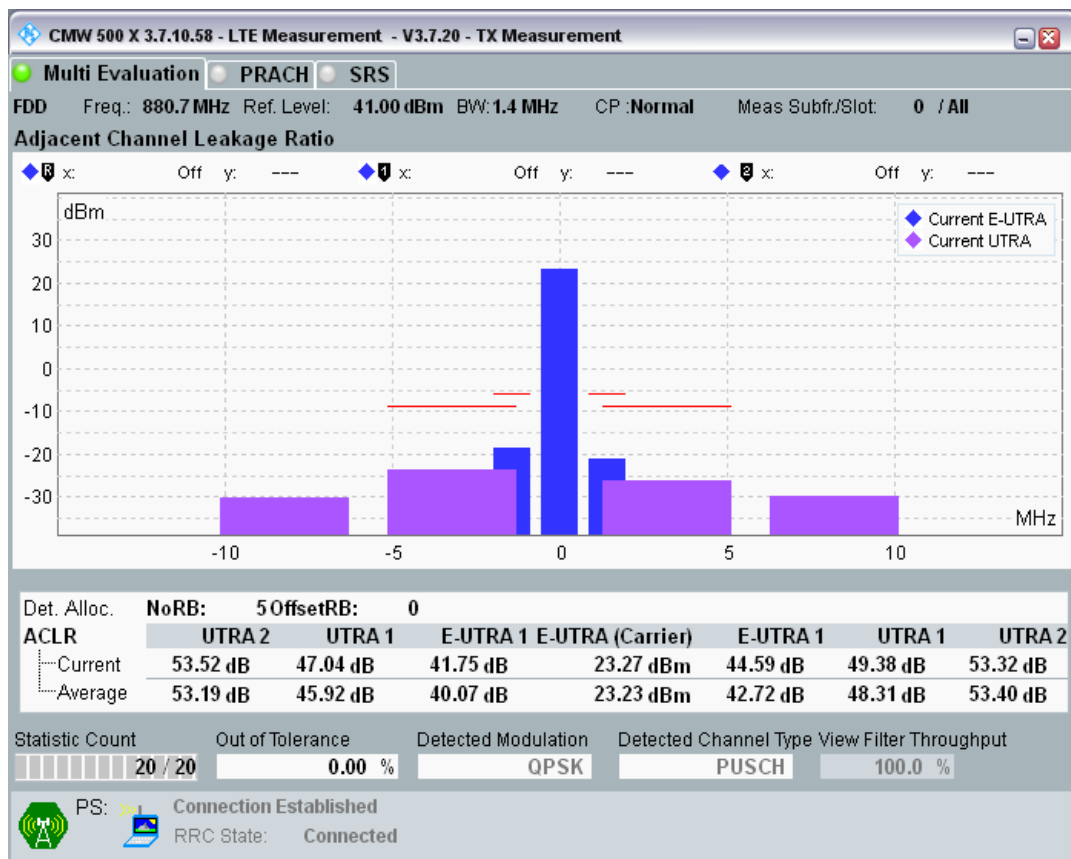
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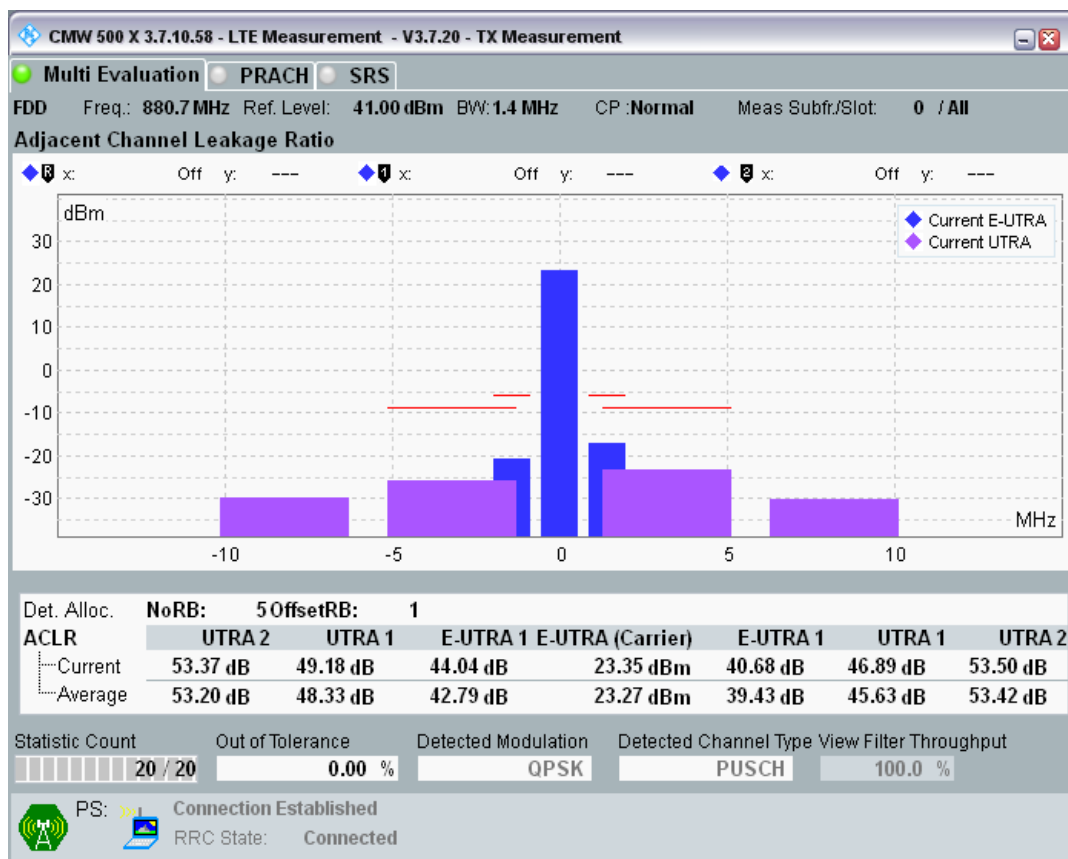
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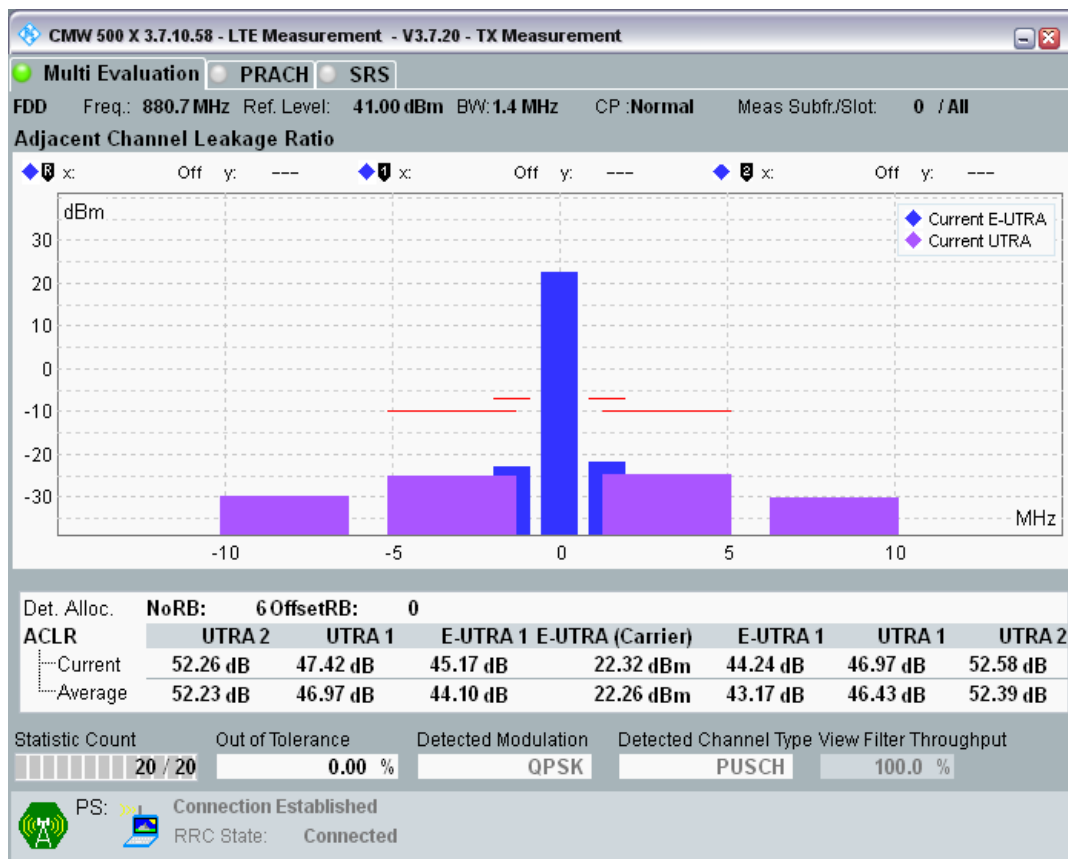
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



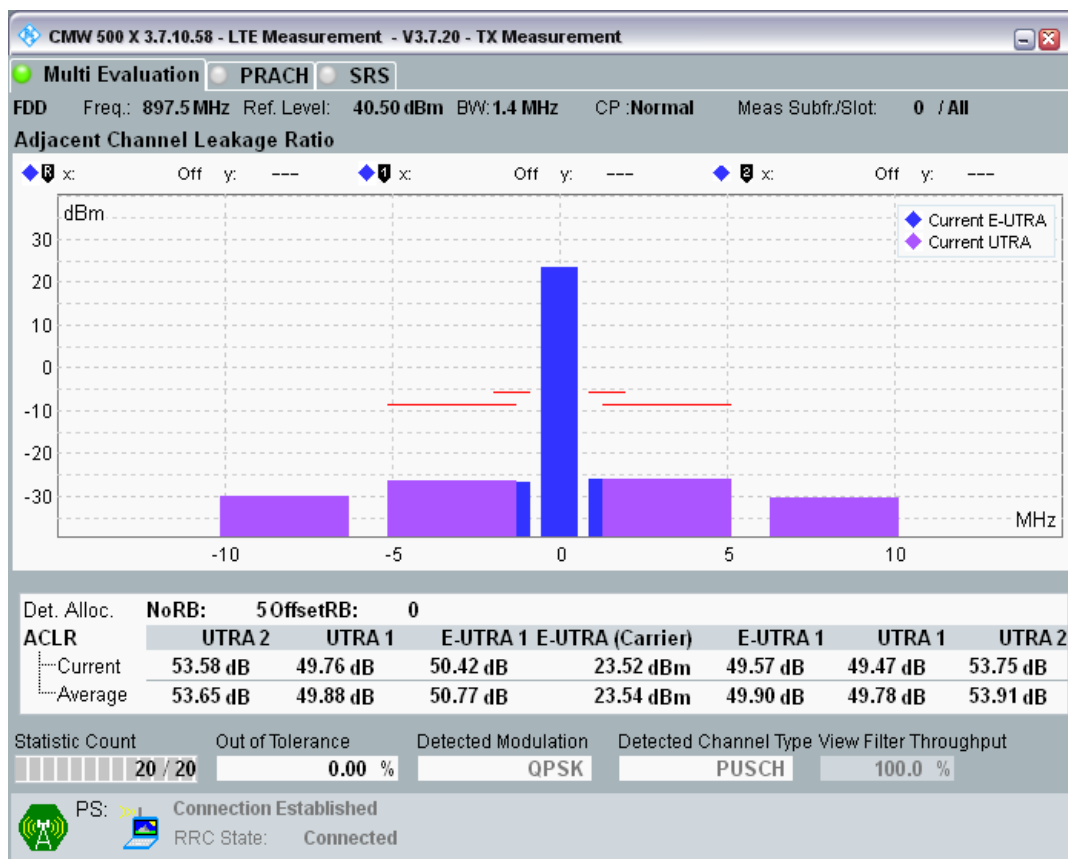
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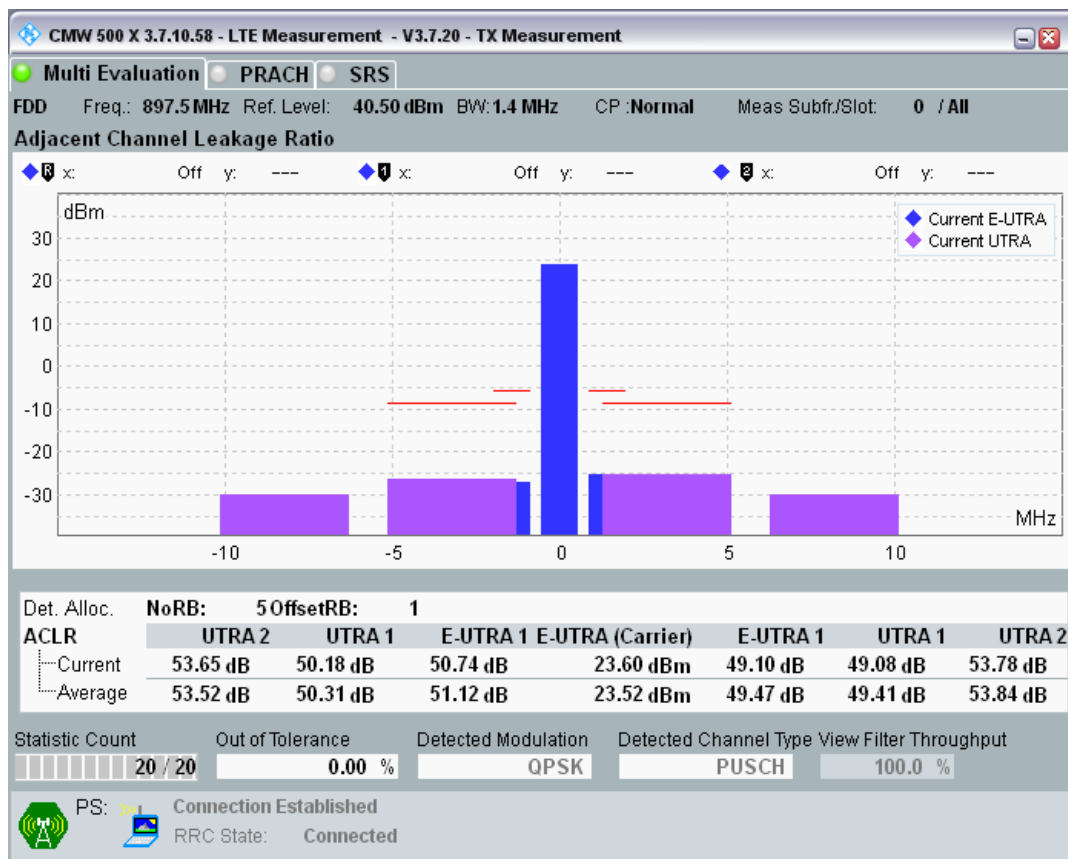
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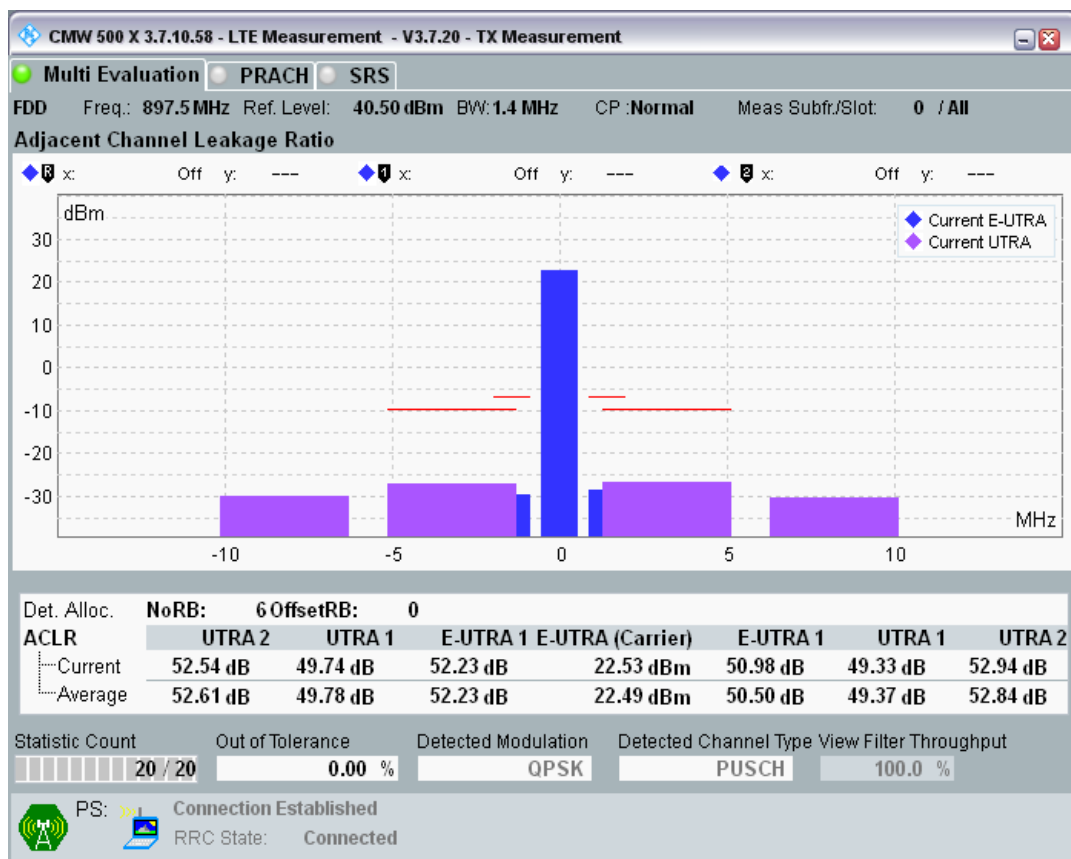
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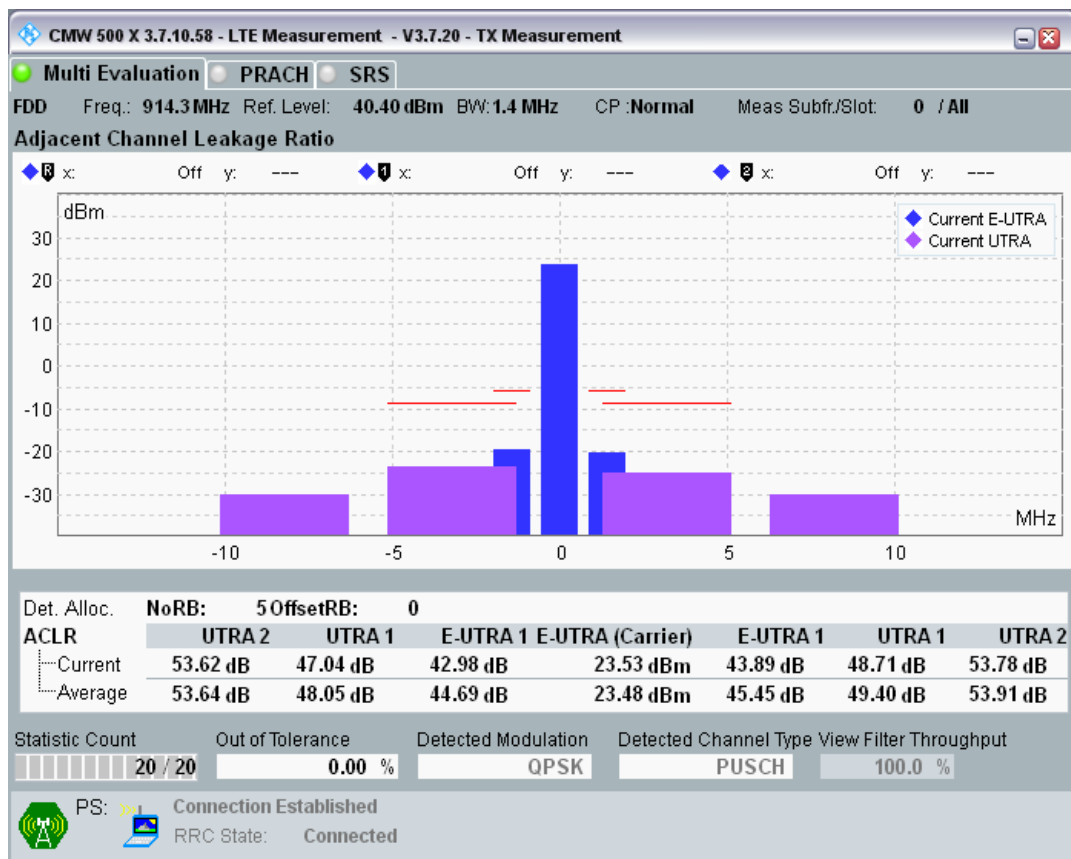
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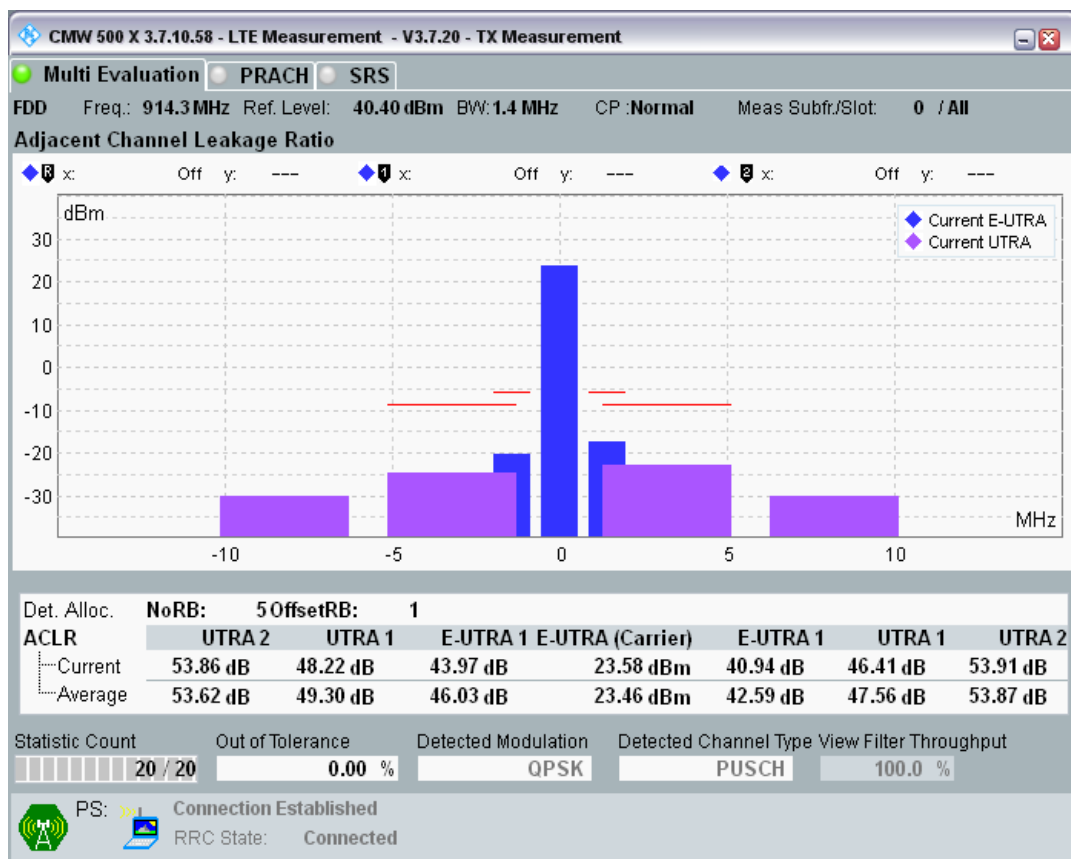
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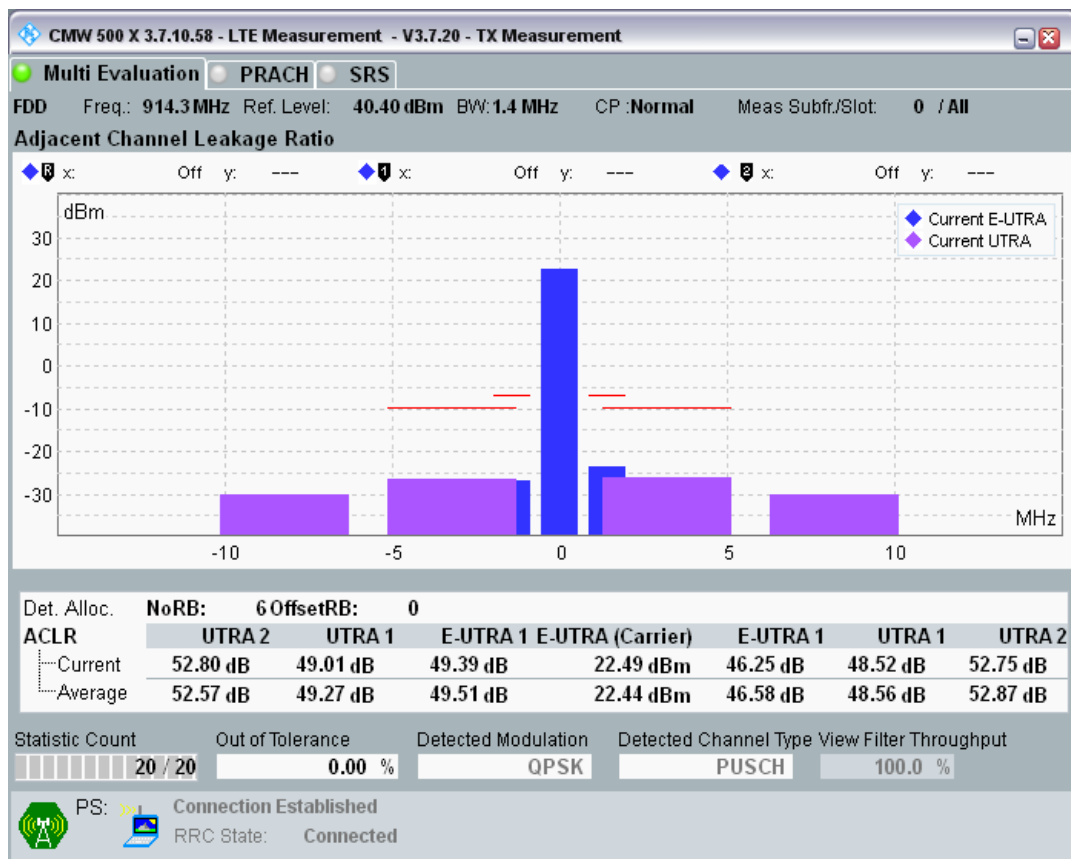
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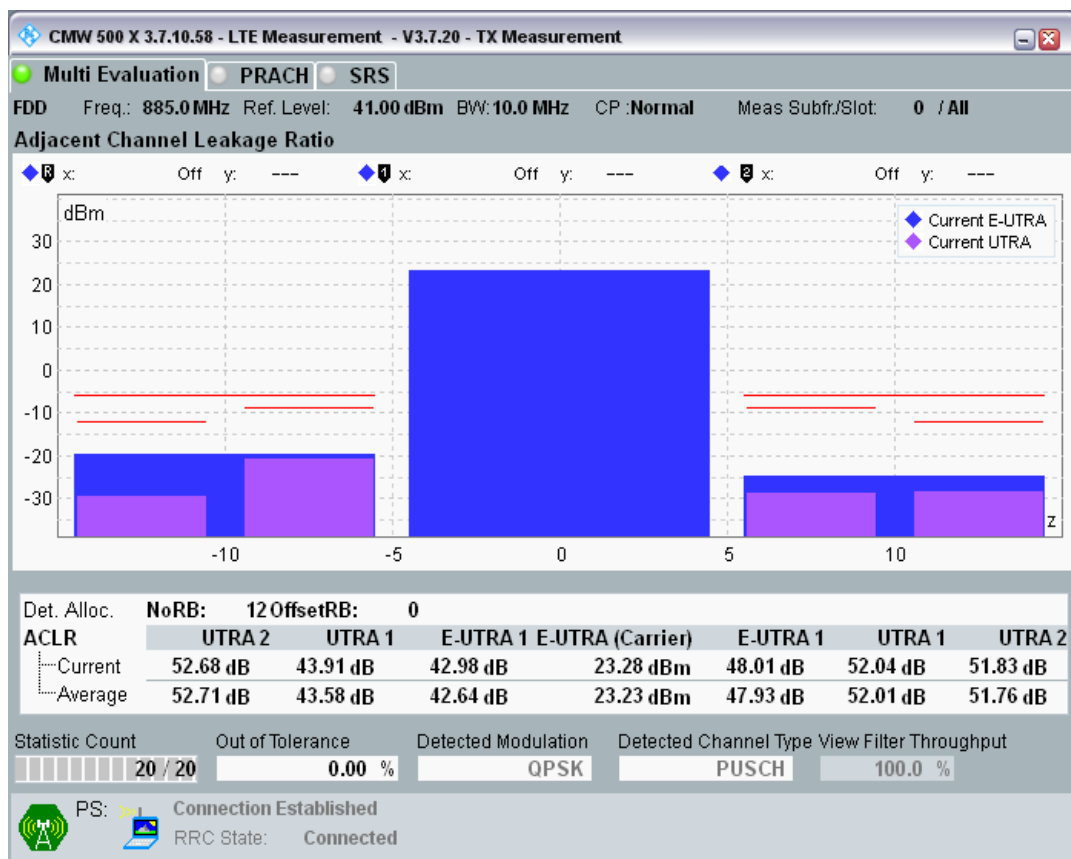
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Band8 QPSK BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



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



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



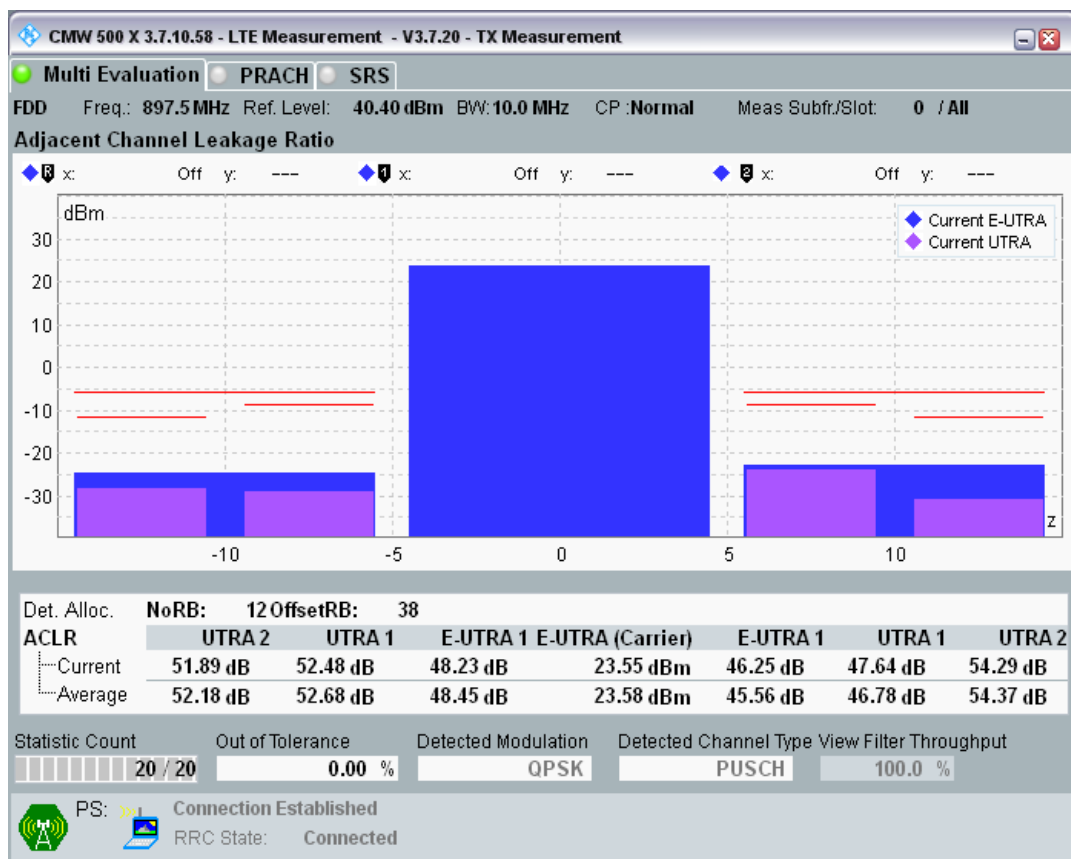
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Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#0.png



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



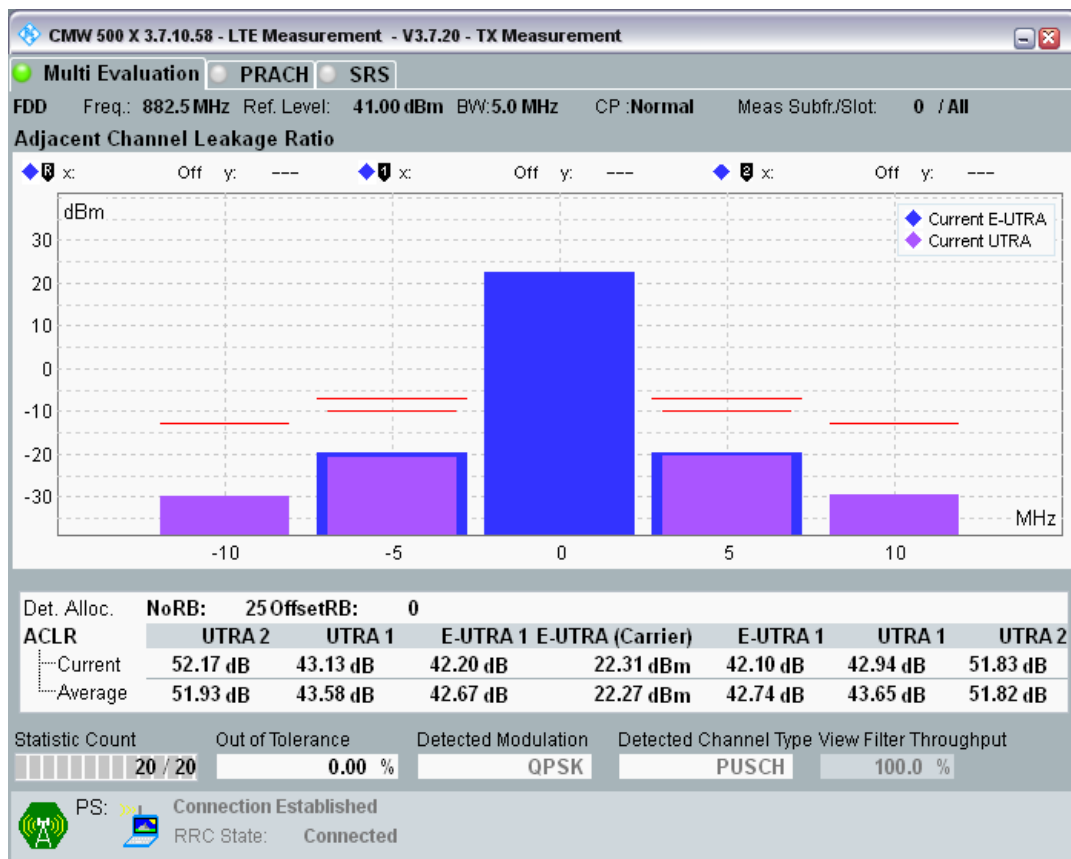
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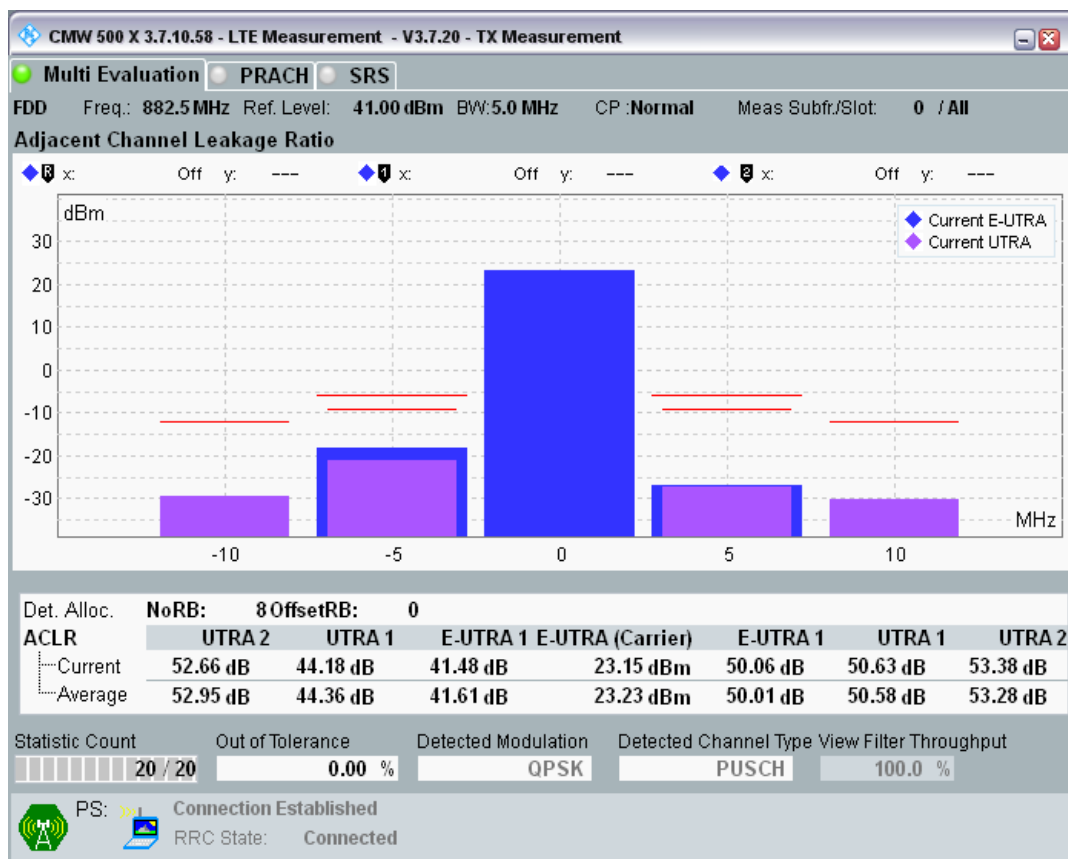
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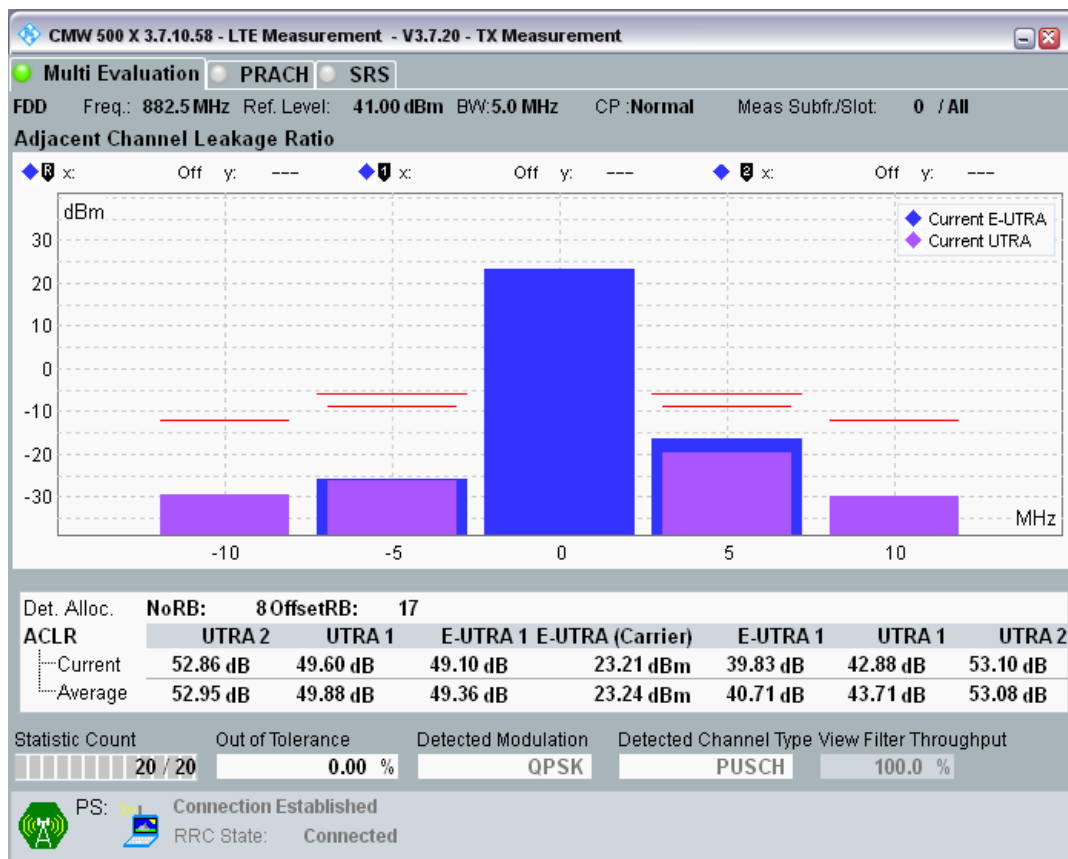
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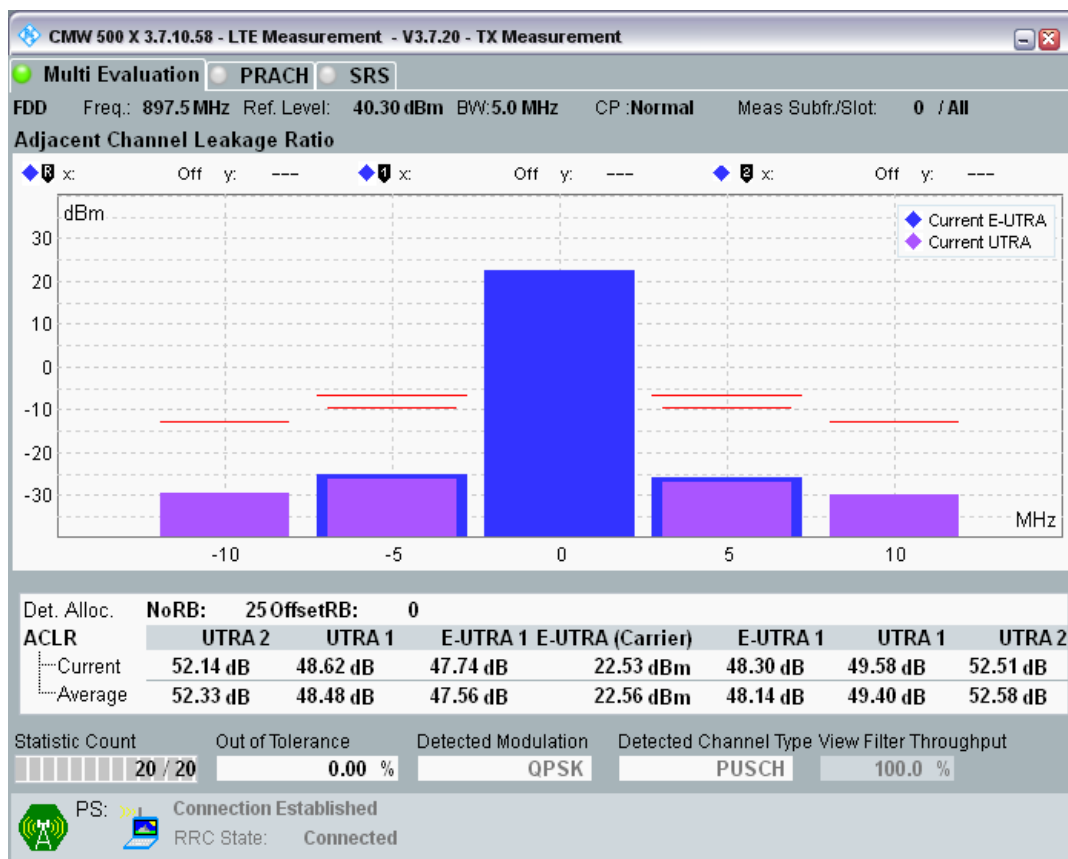
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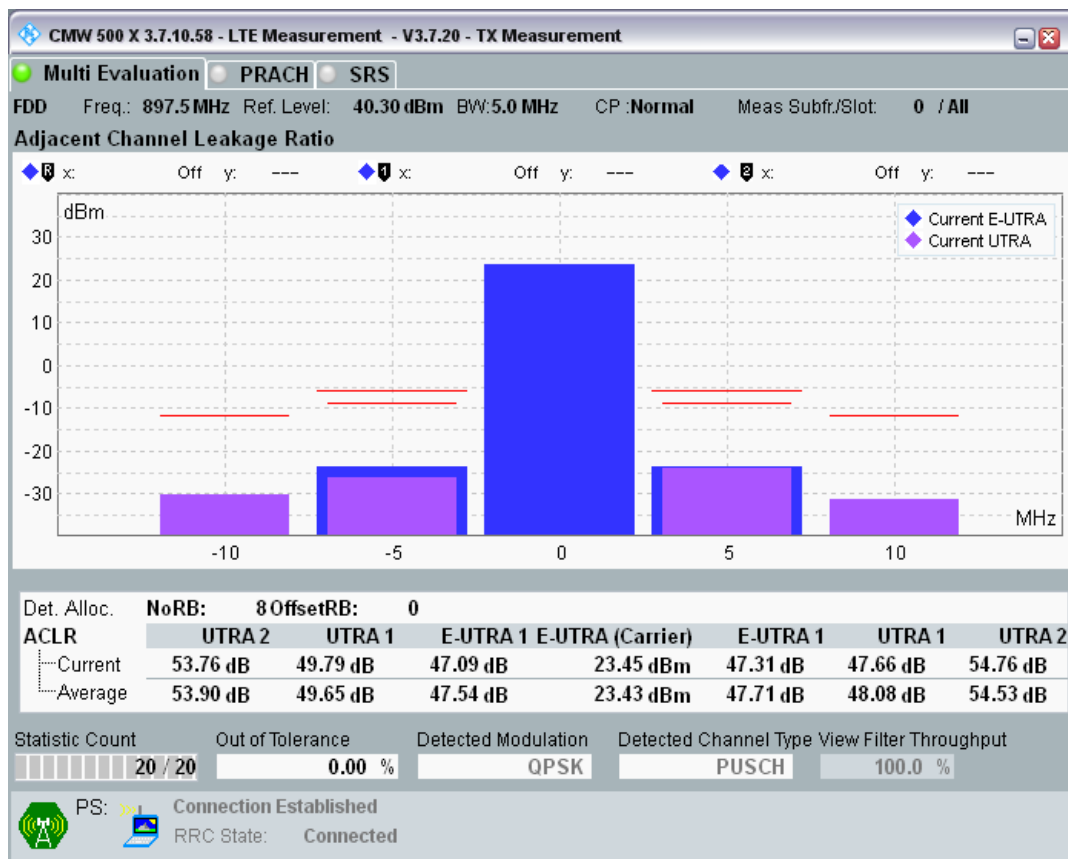
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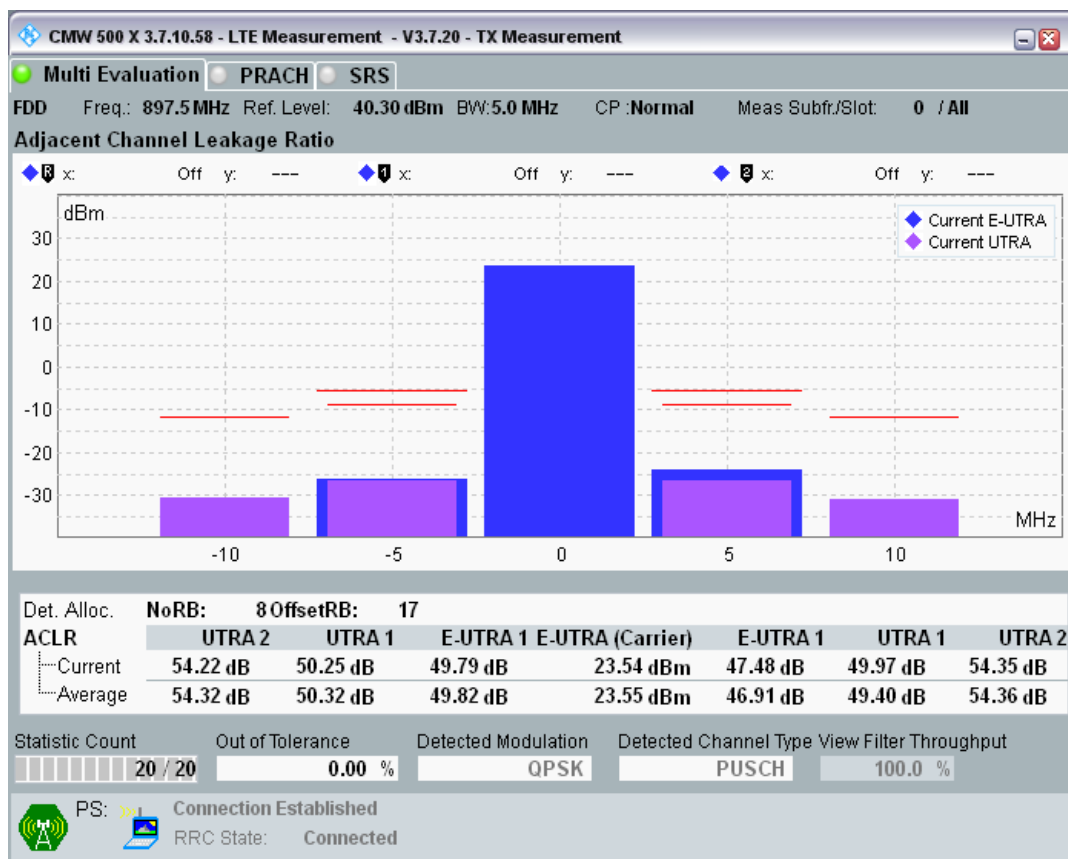
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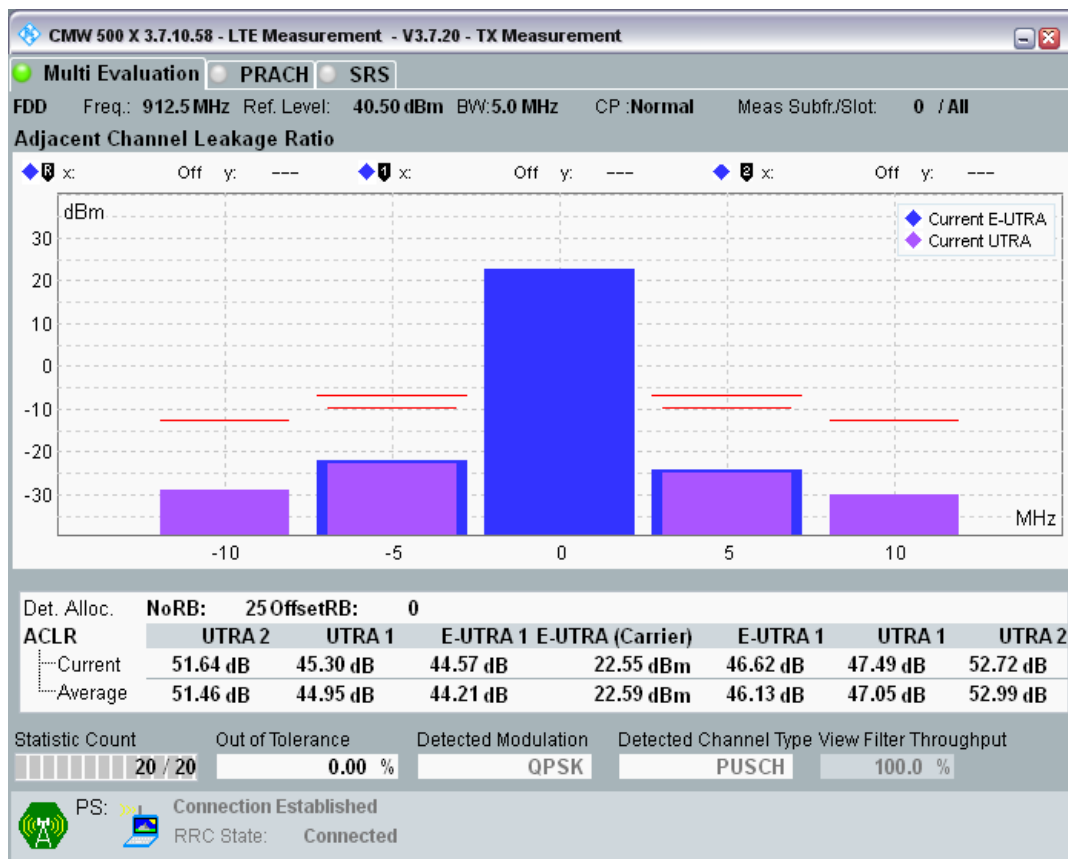
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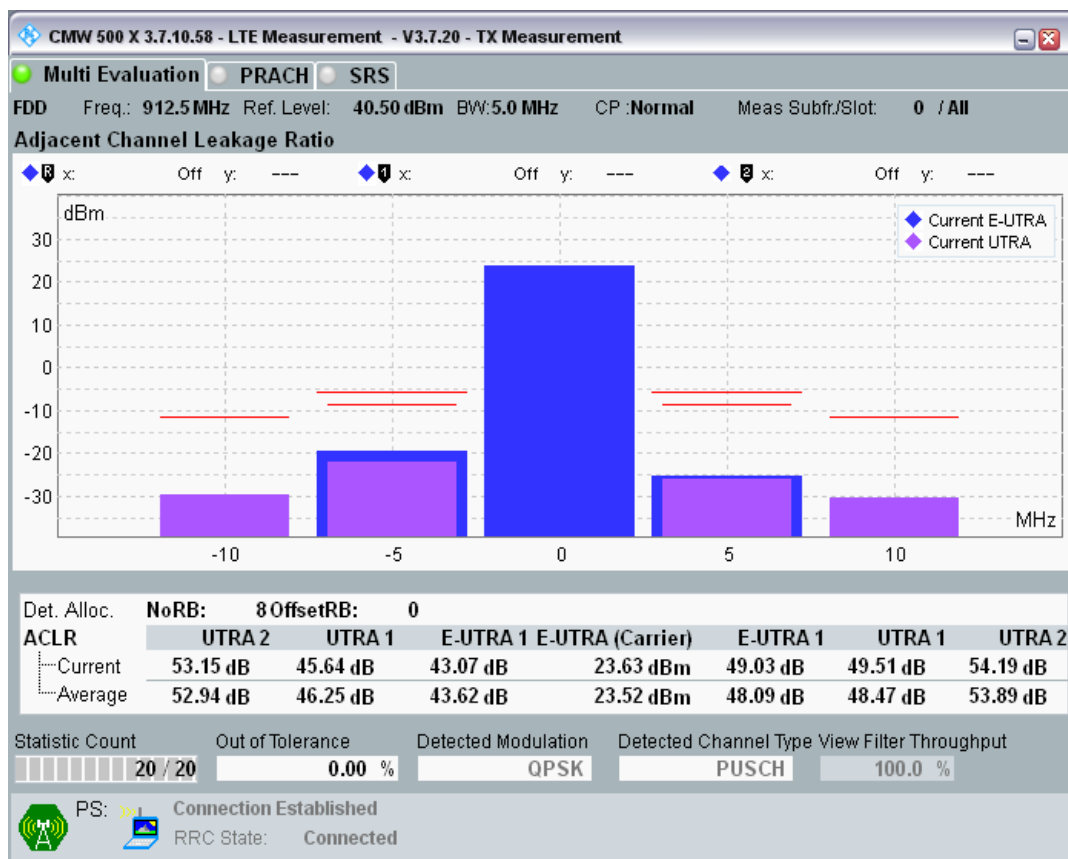
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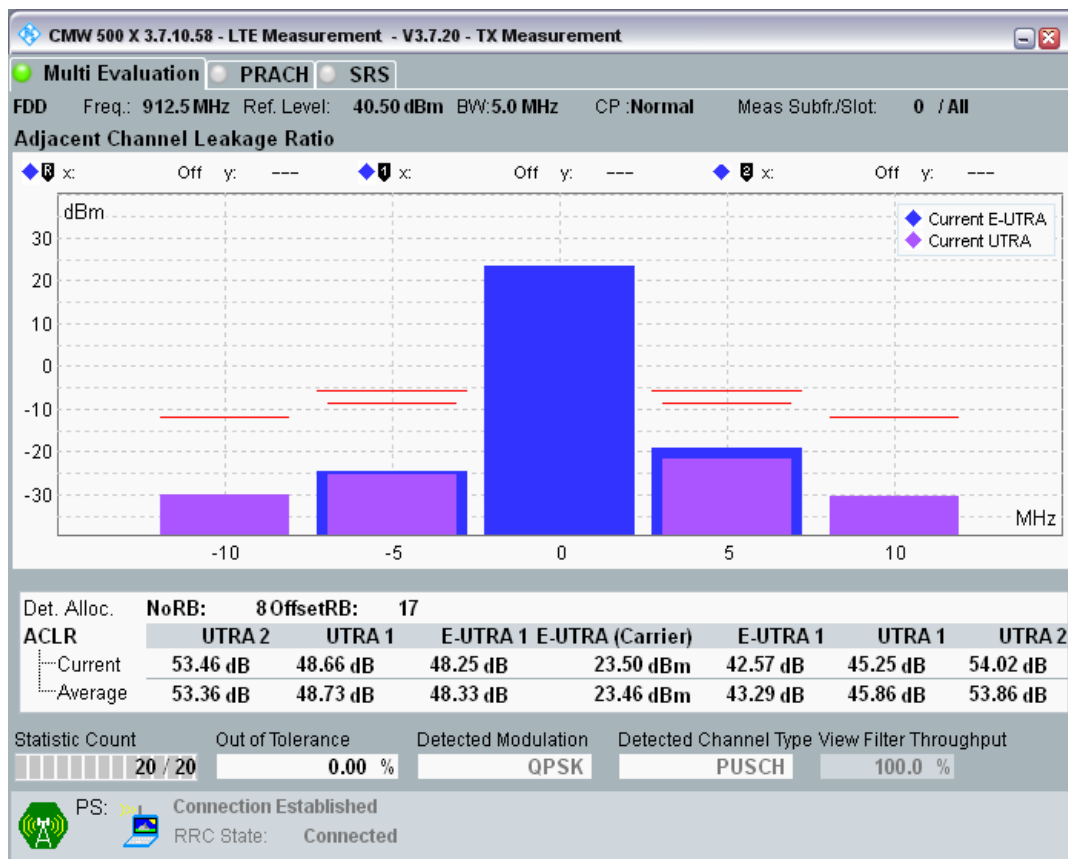
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Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#0.png



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



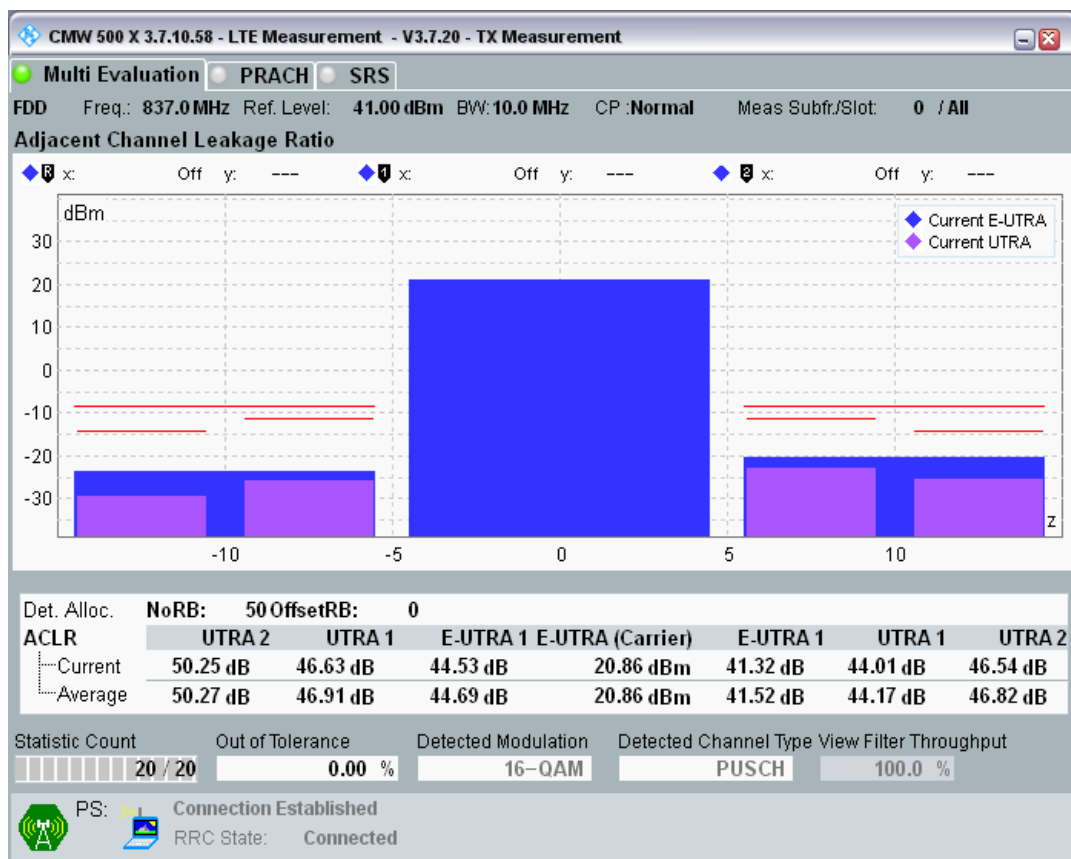
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#0.png



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



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



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



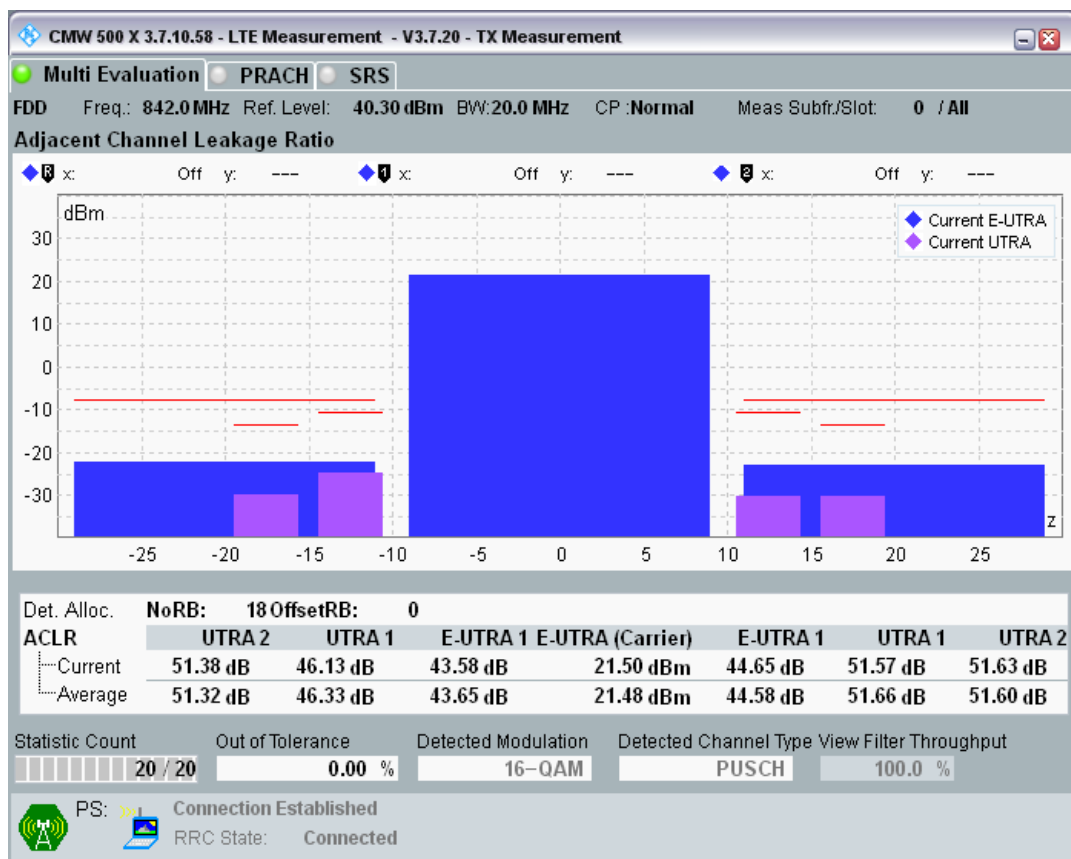
Band20 QAM16 BW=10MHz Channel=24400 RB Size=50 Position=#0.png



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



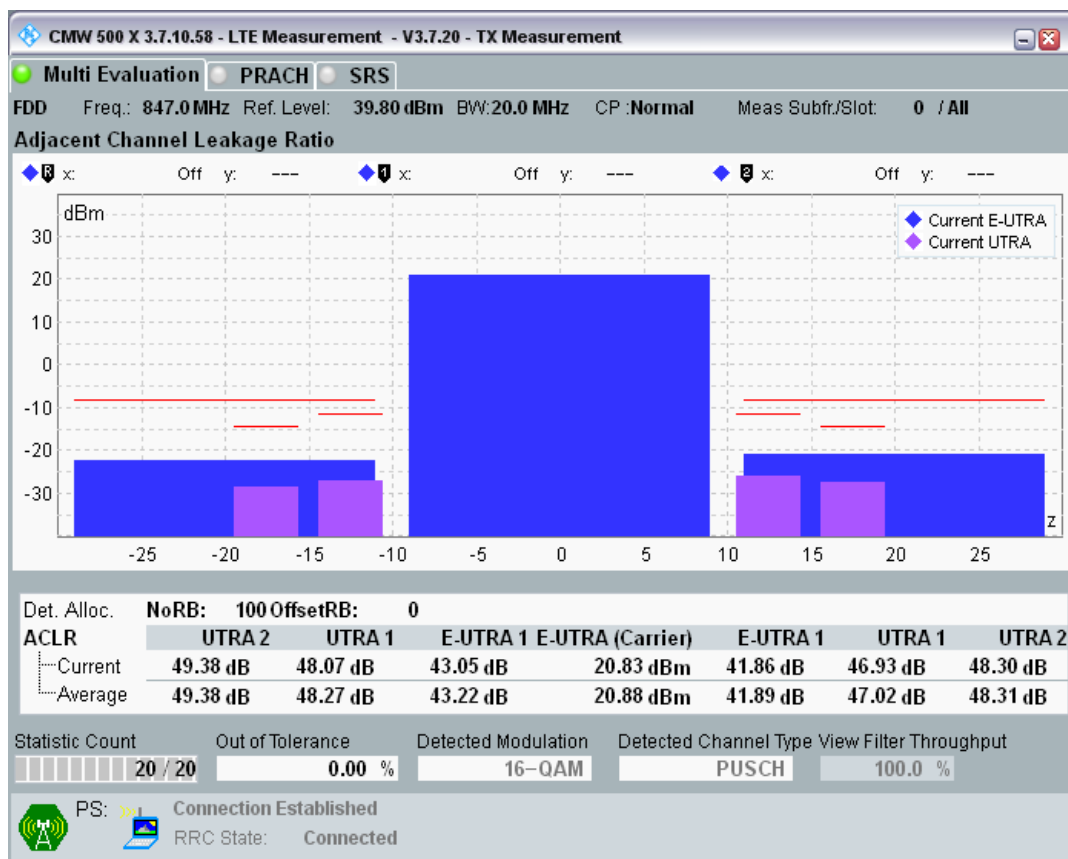
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#0.png



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



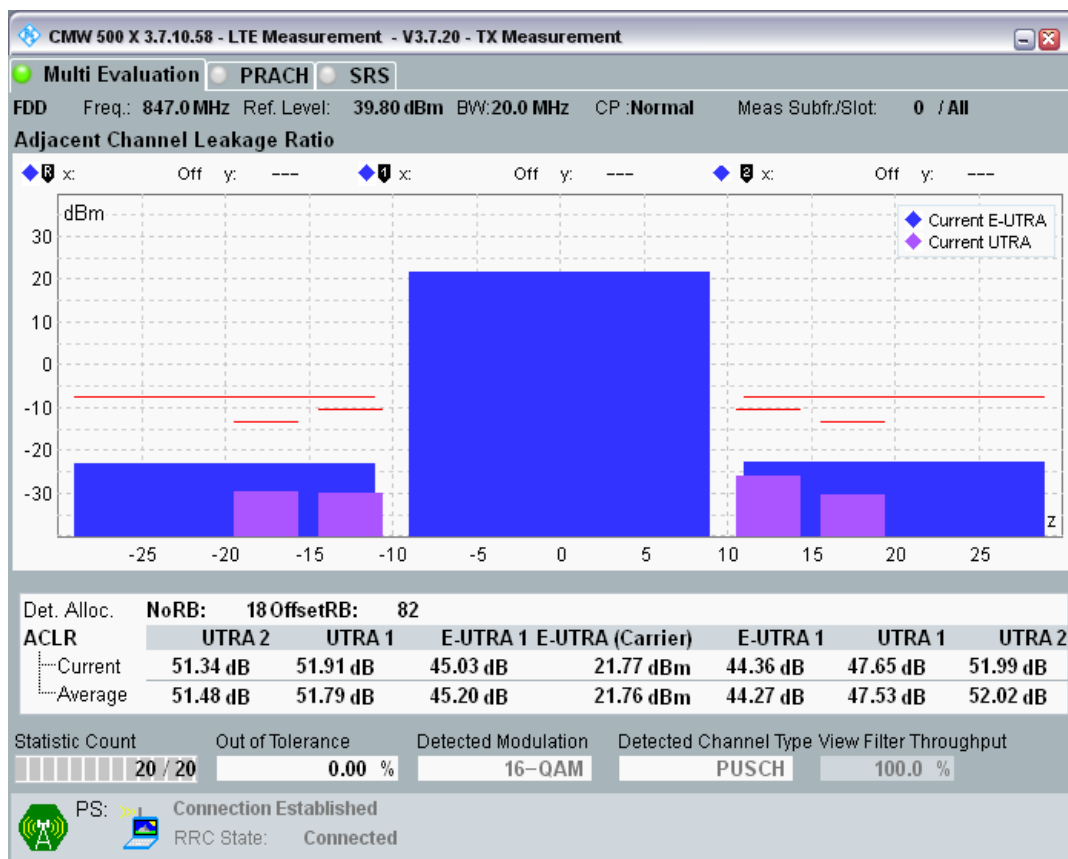
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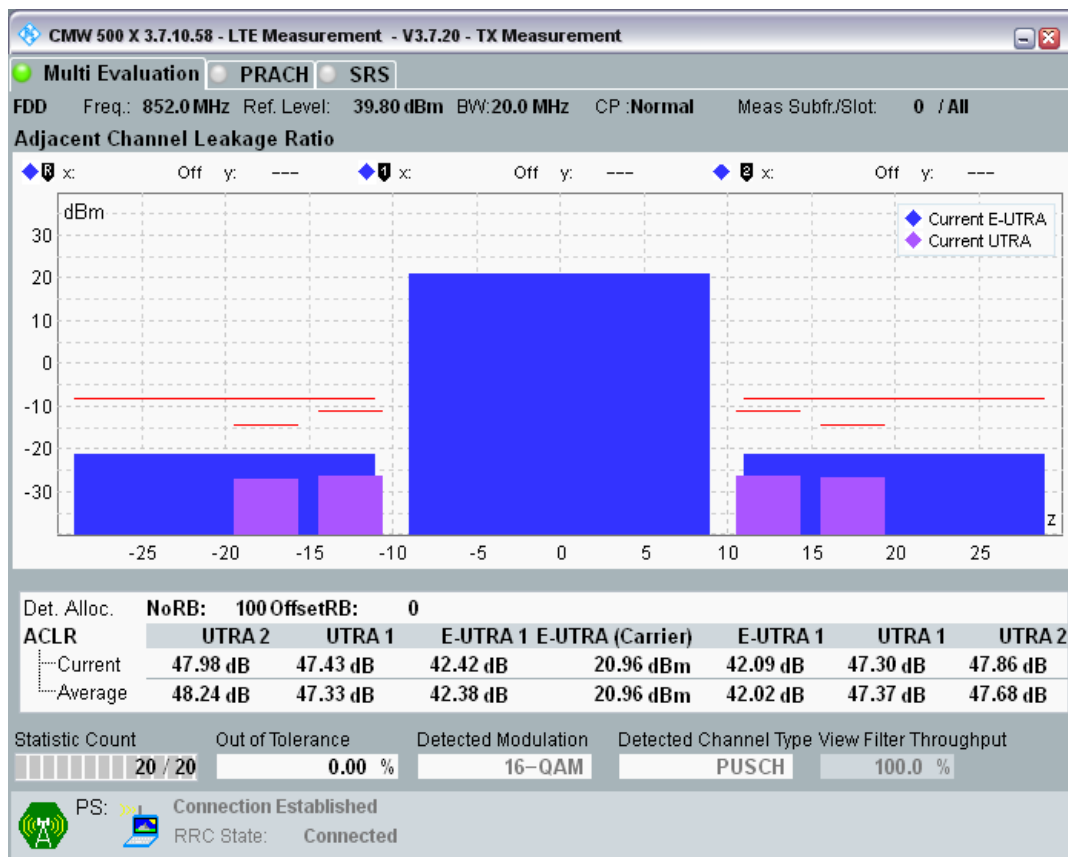
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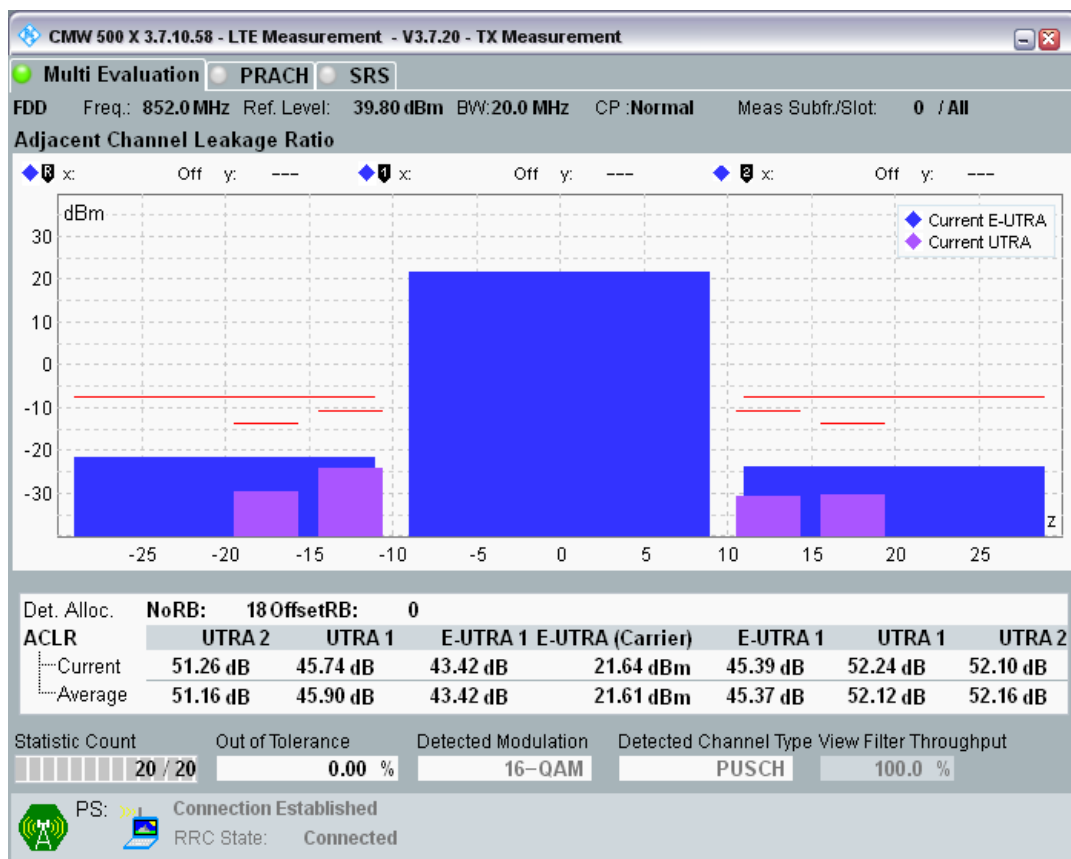
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Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



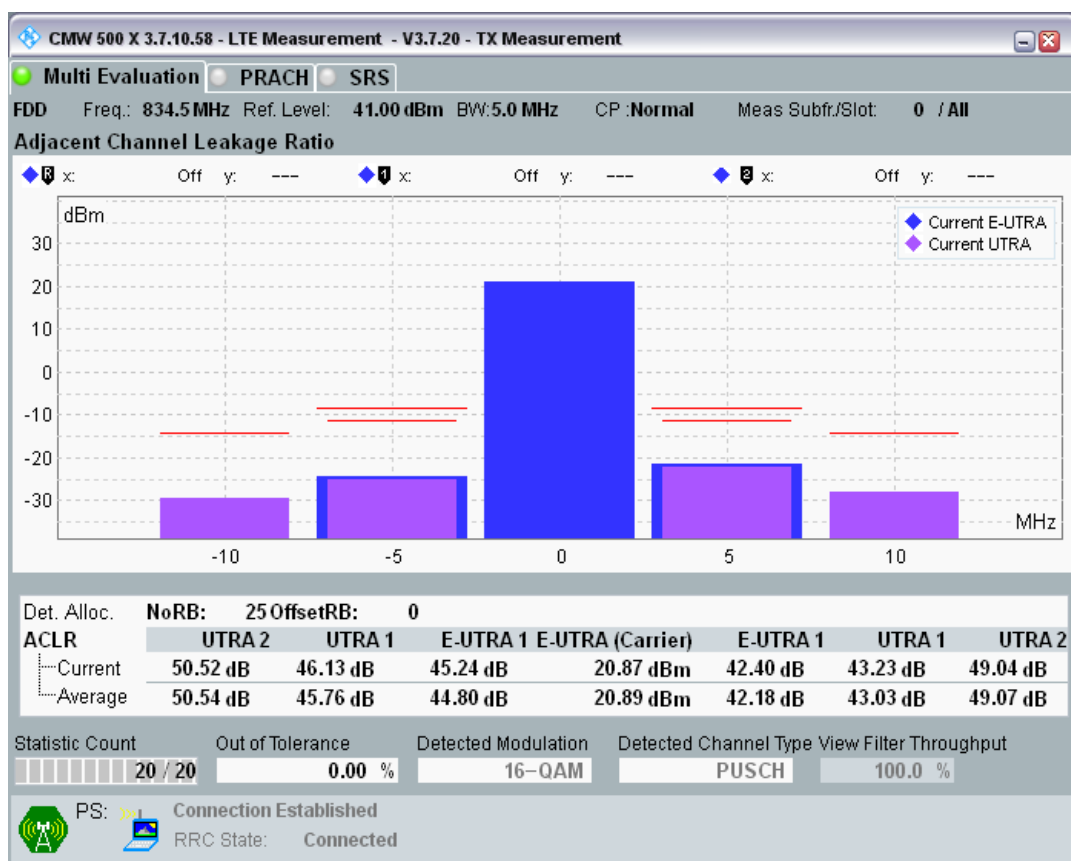
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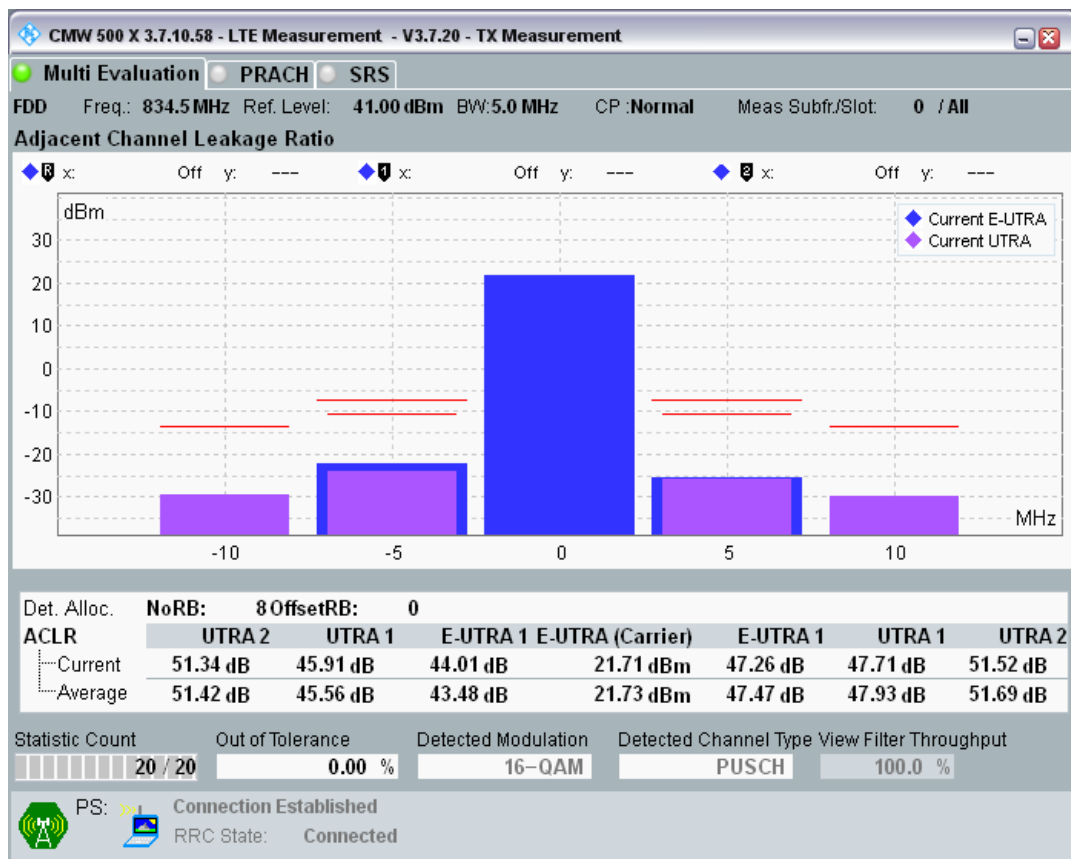
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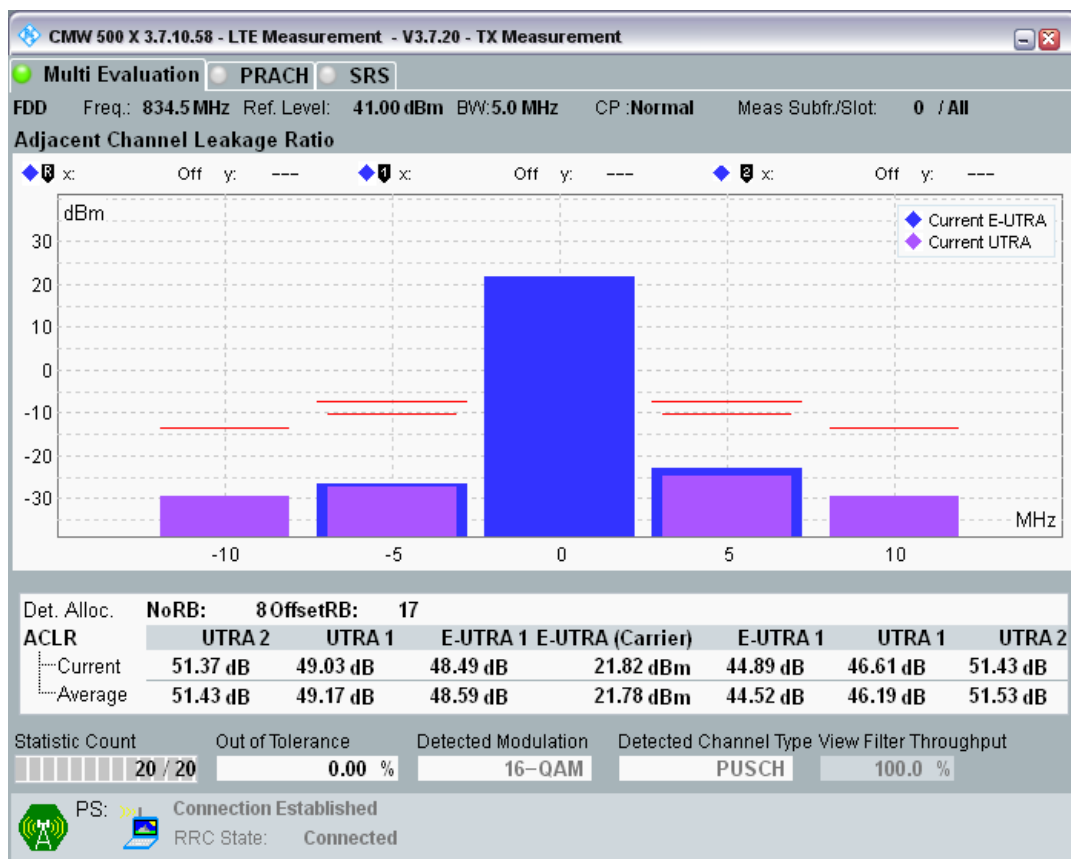
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Band20 QAM16 BW=5MHz Channel=24175 RB Size=8 Position=#0.png



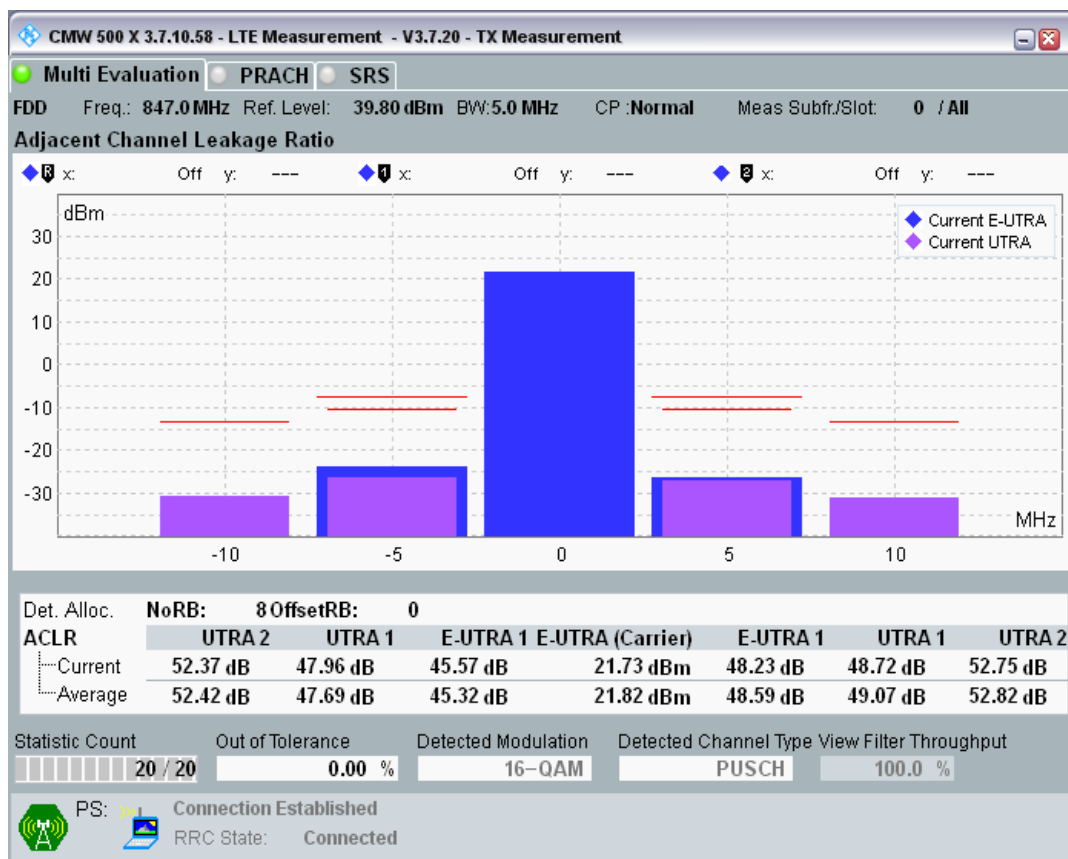
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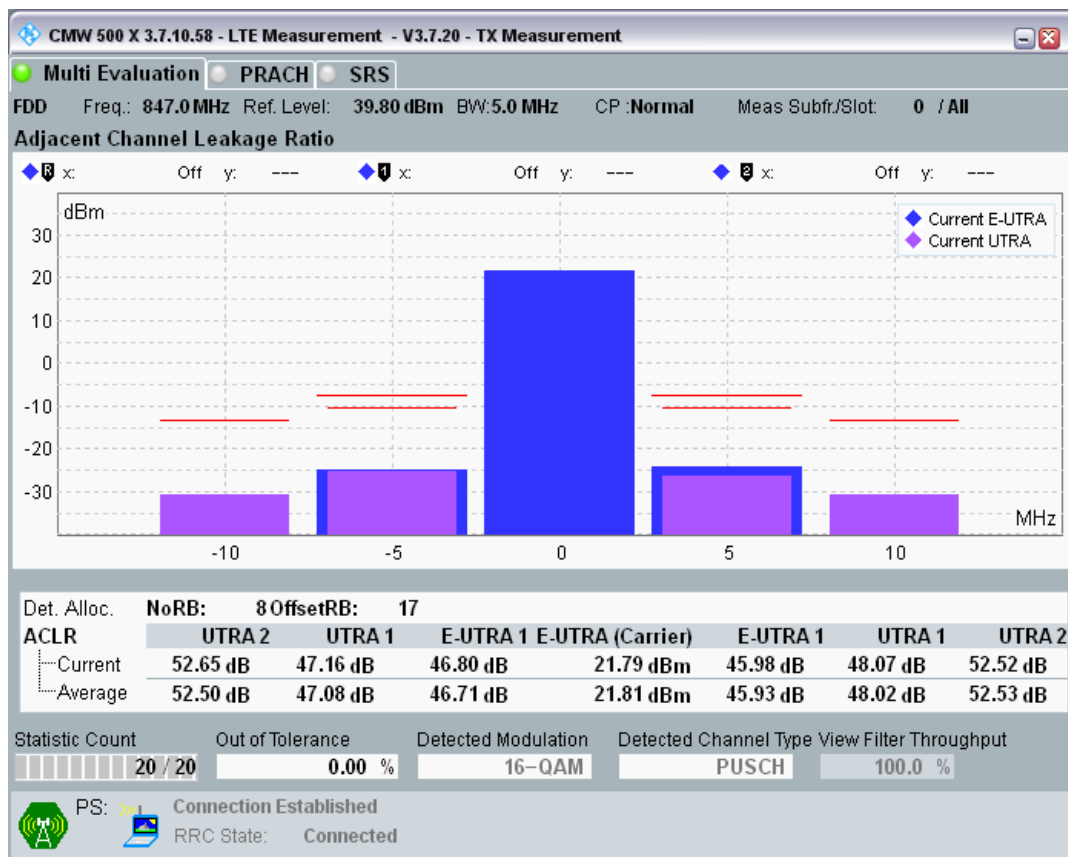
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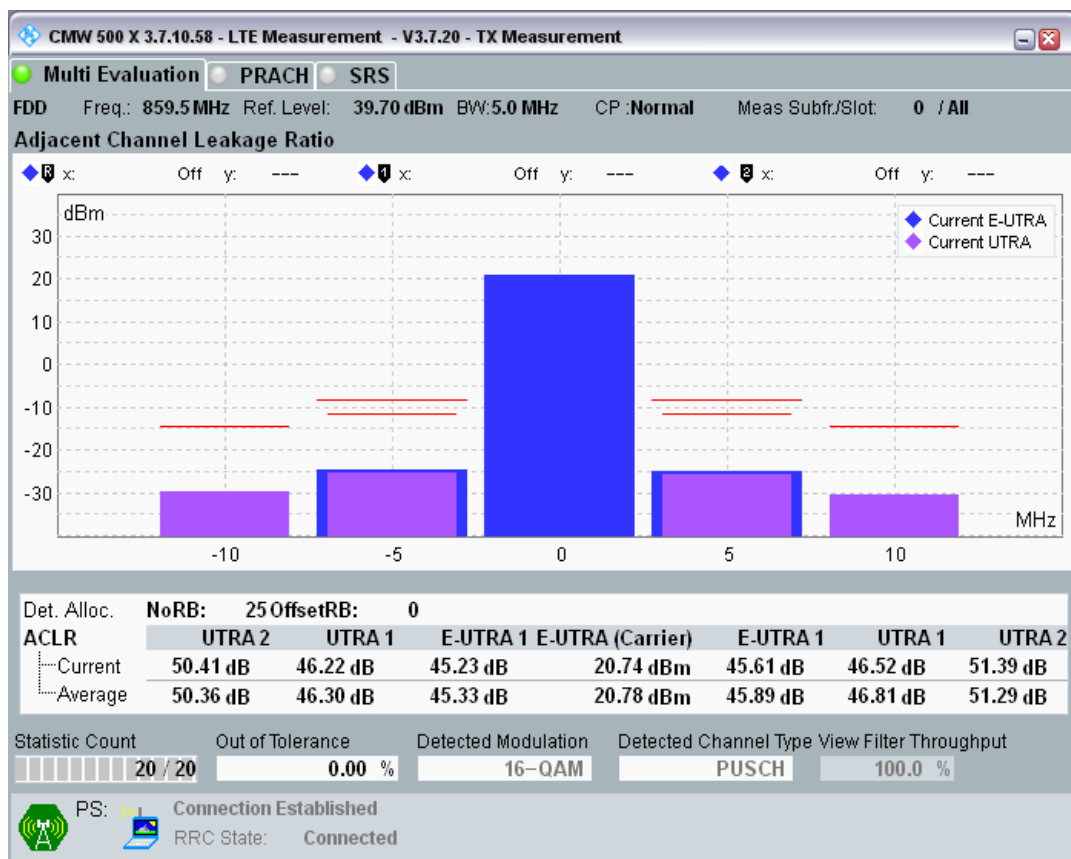
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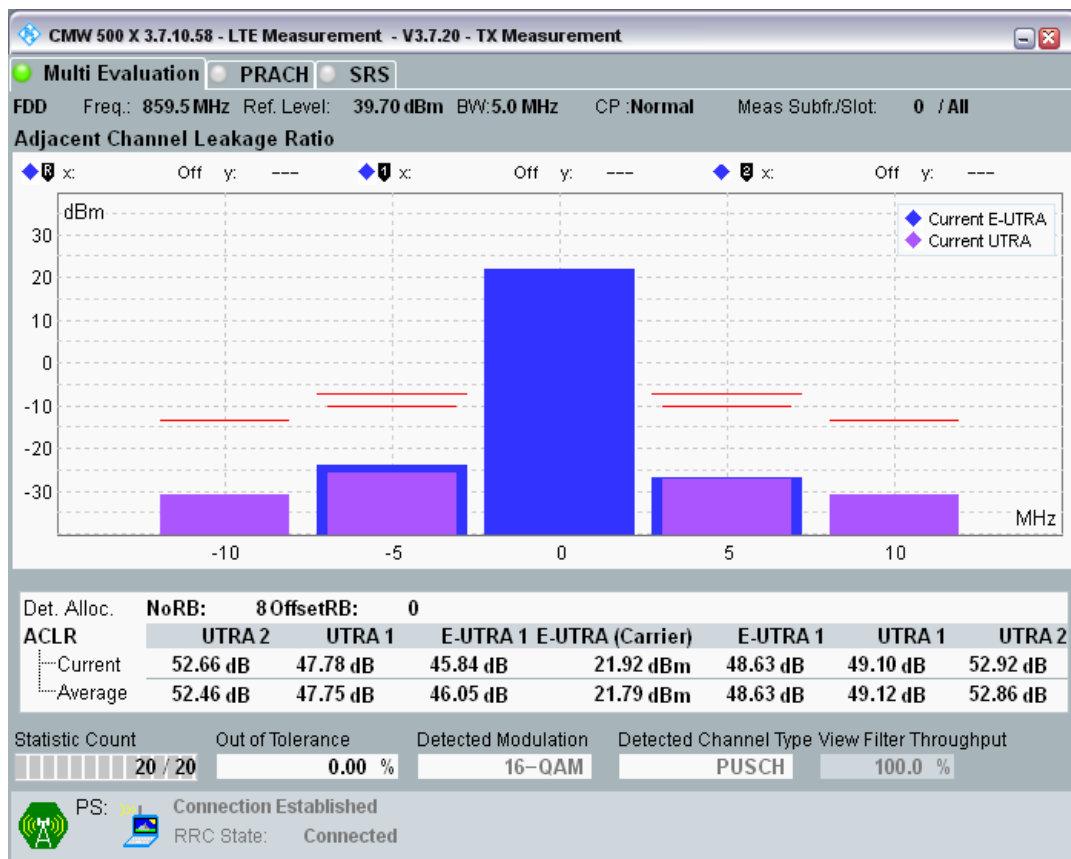
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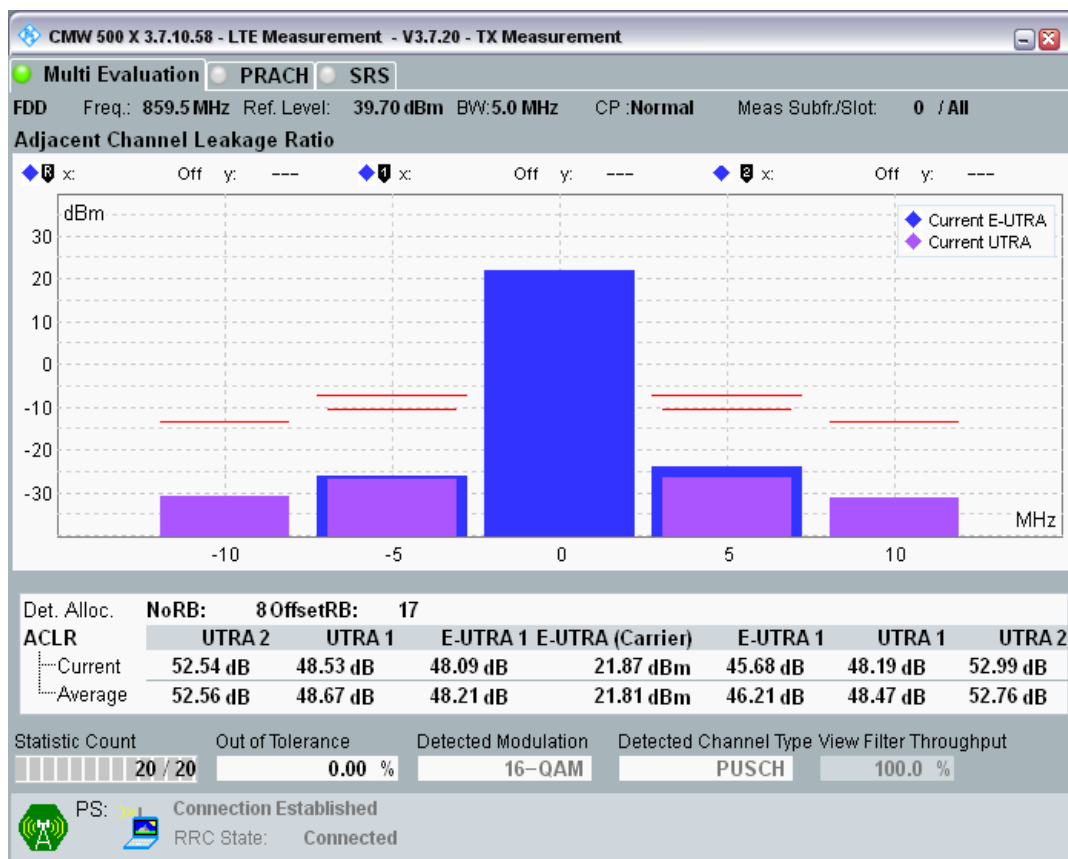
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Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#0.png



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



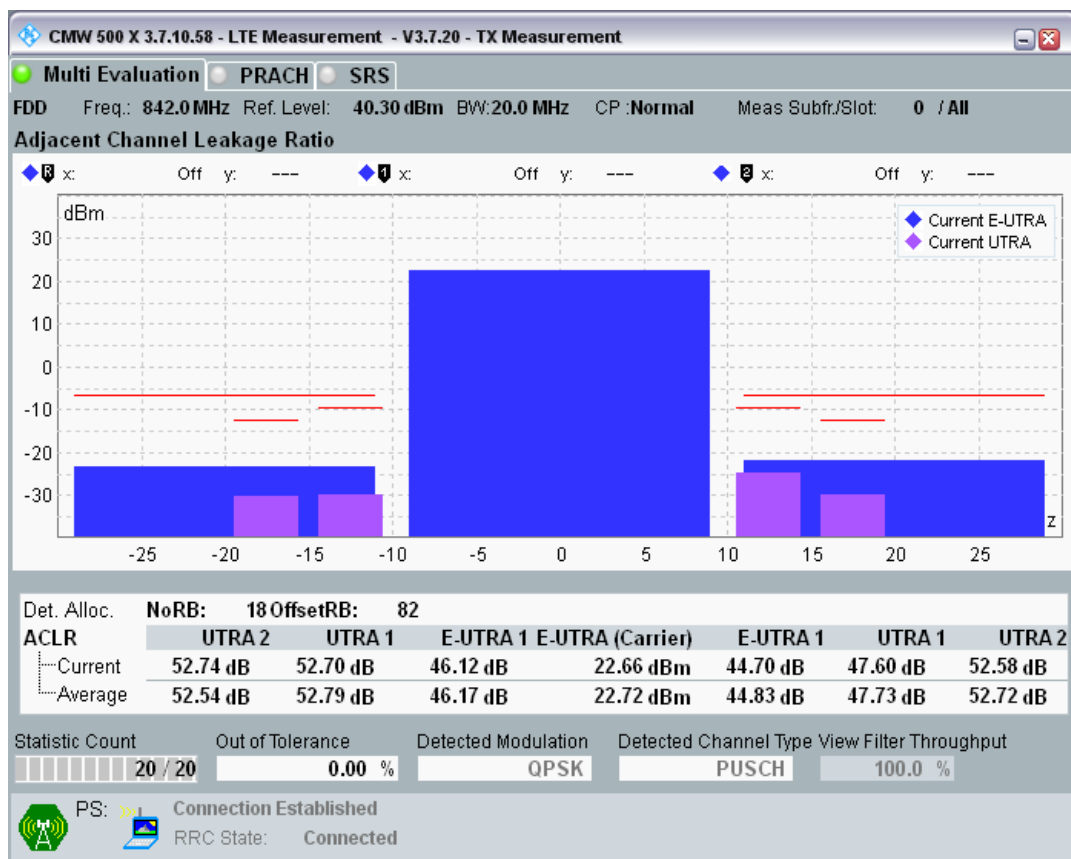
Band20 QPSK BW=20MHz Channel=24250 RB Size=100 Position=#0.png



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



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



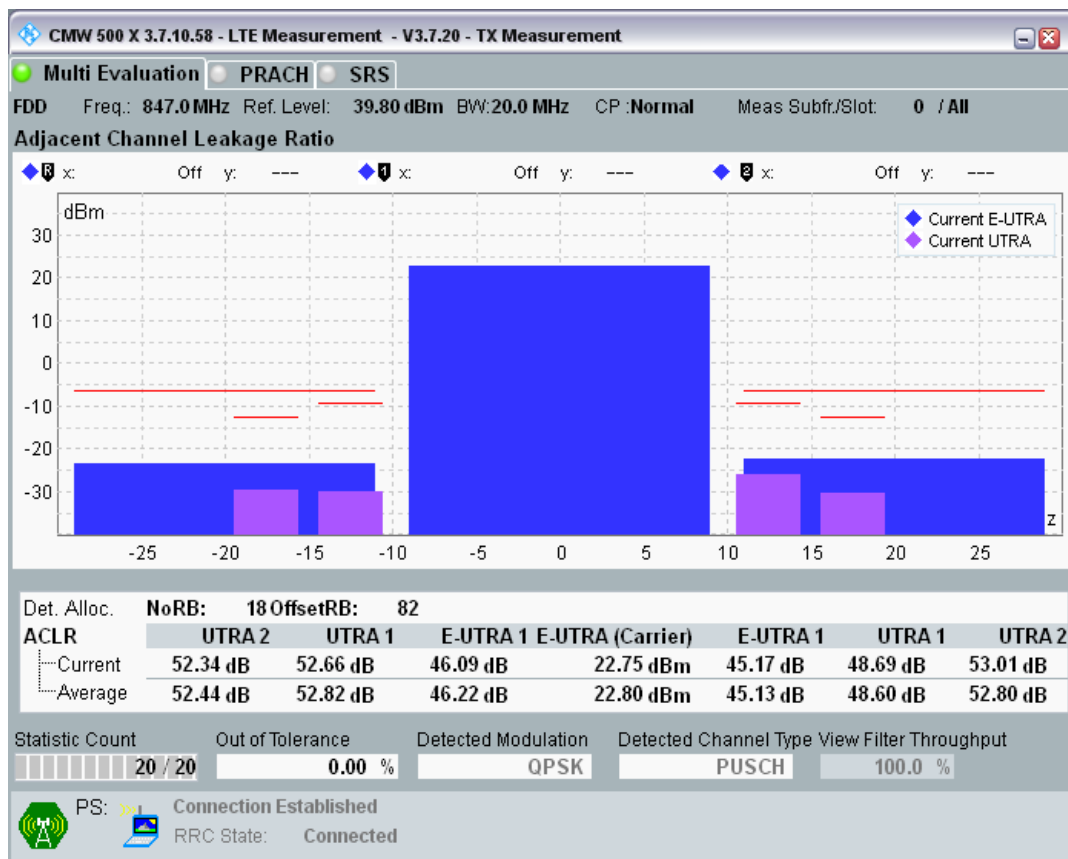
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0.png



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



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



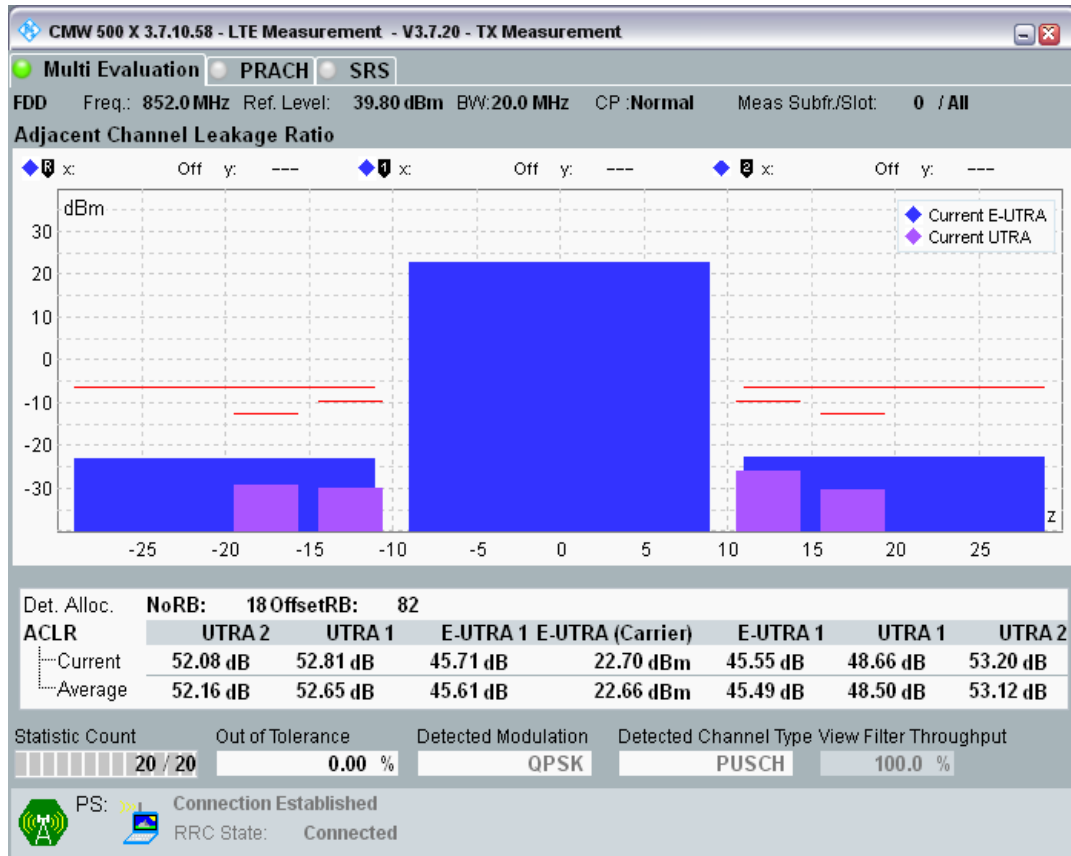
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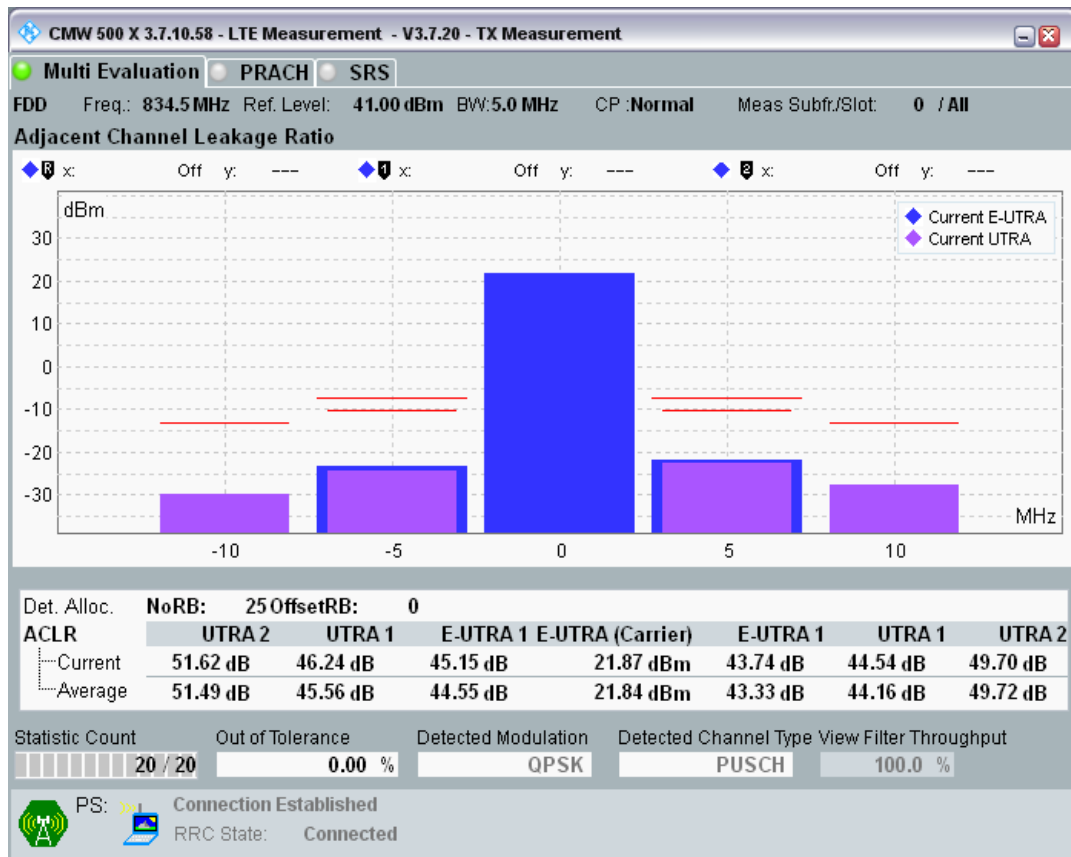
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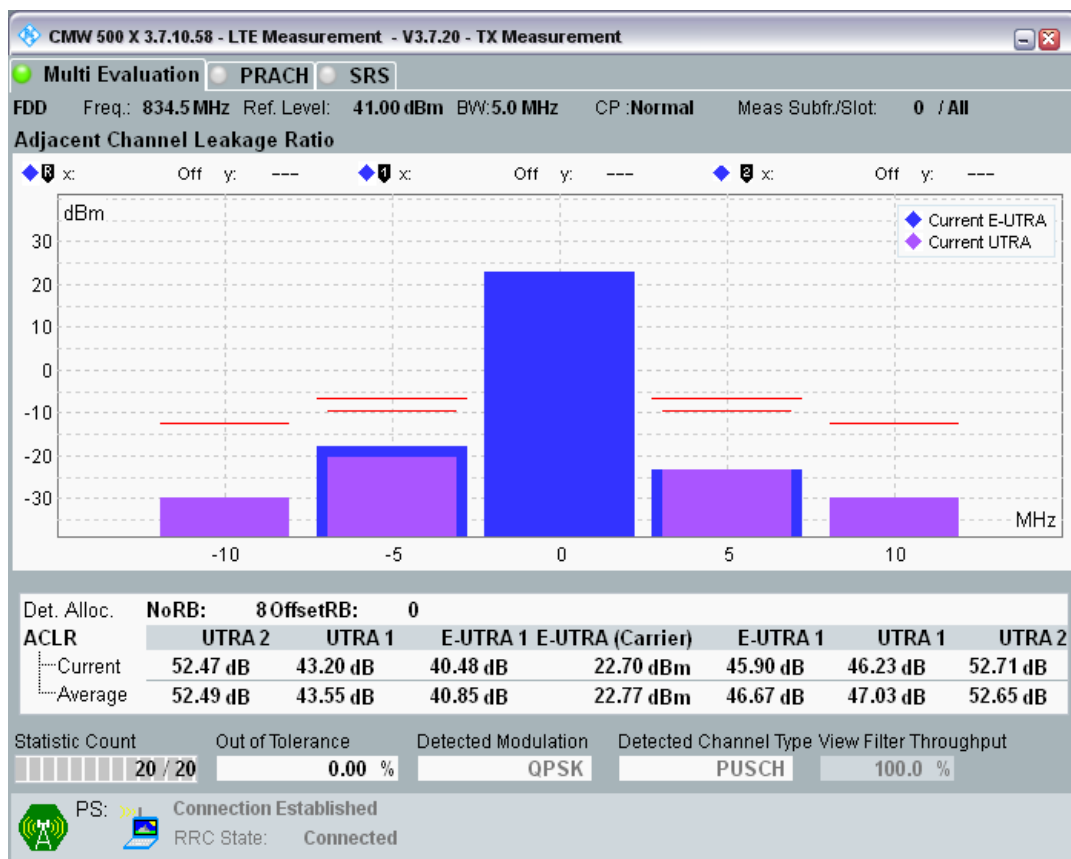
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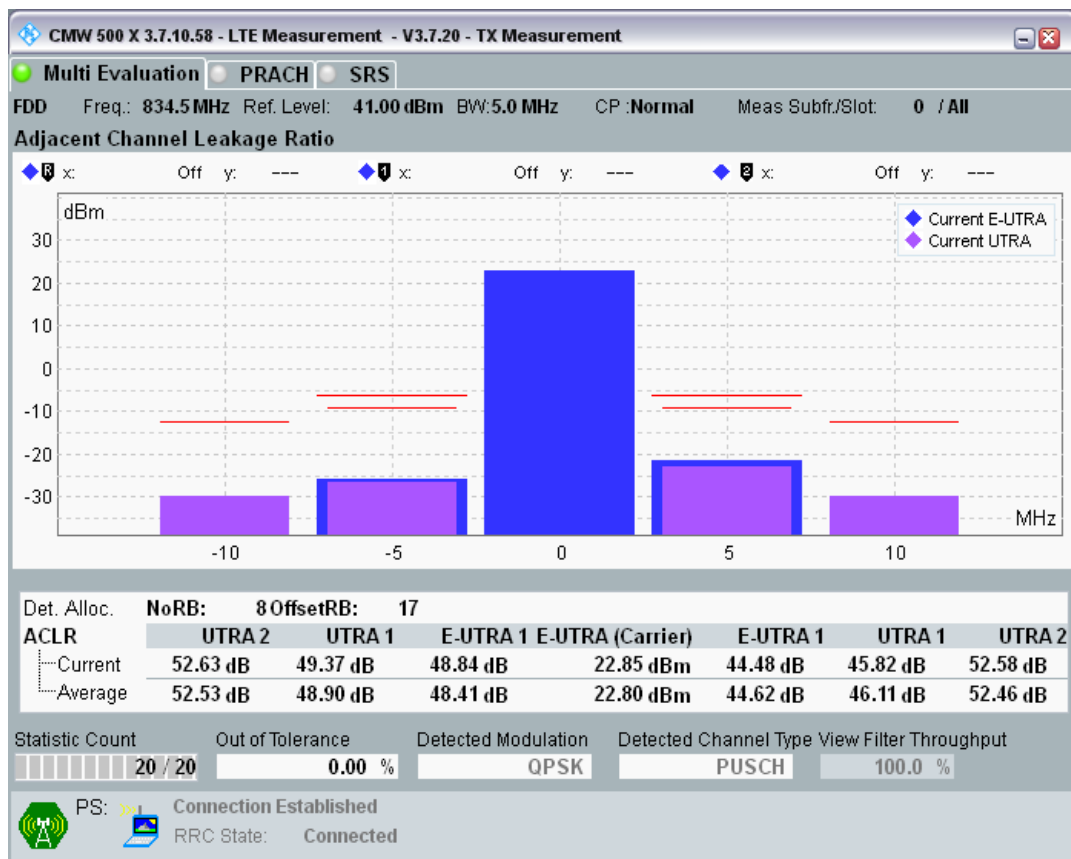
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



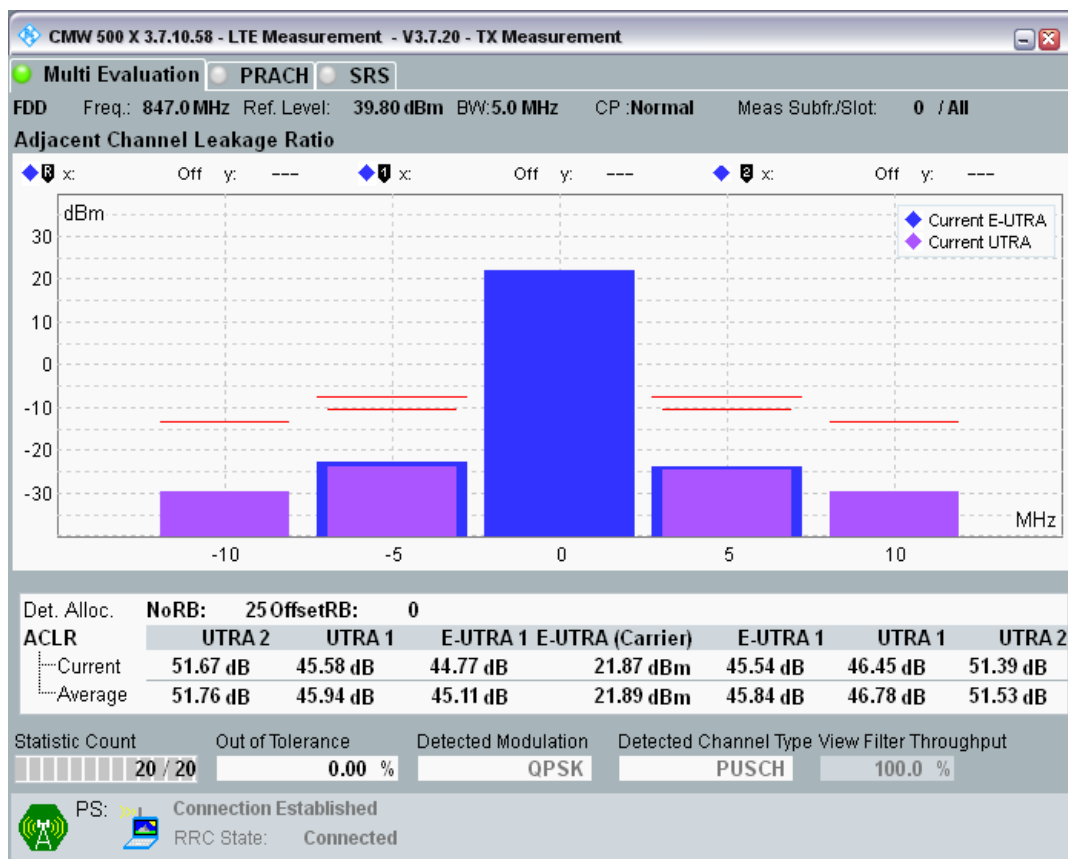
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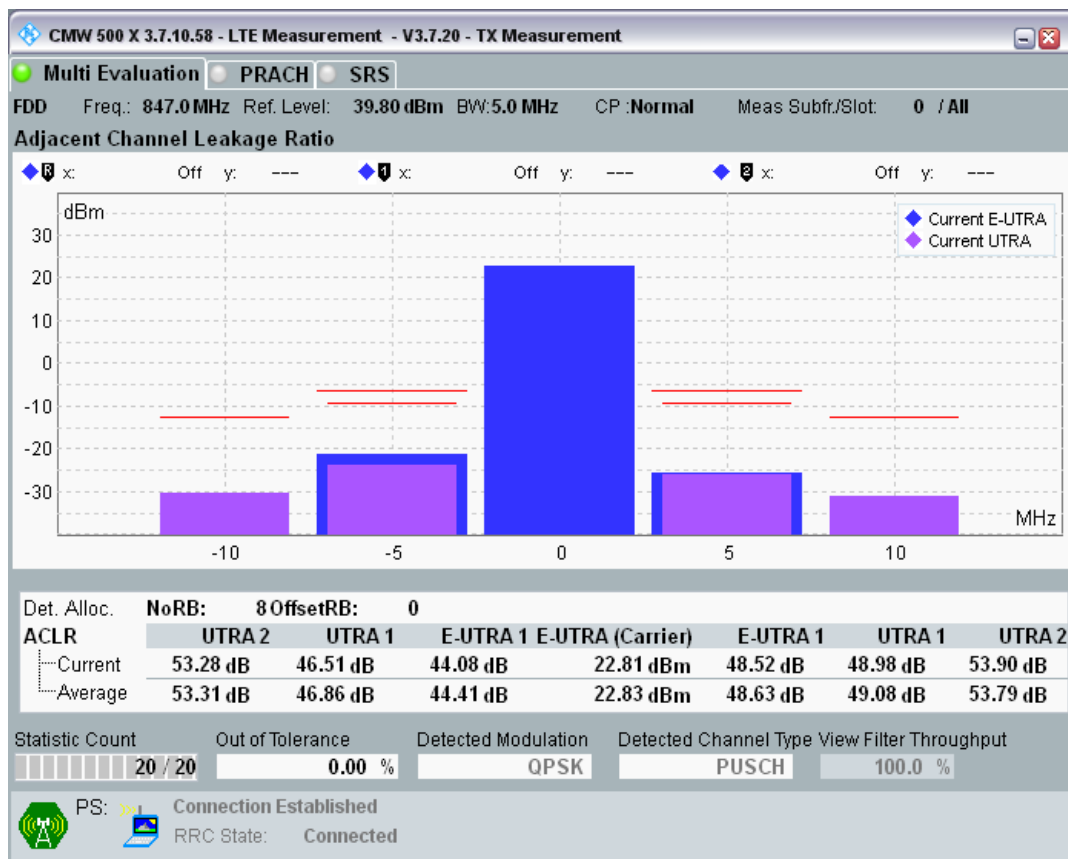
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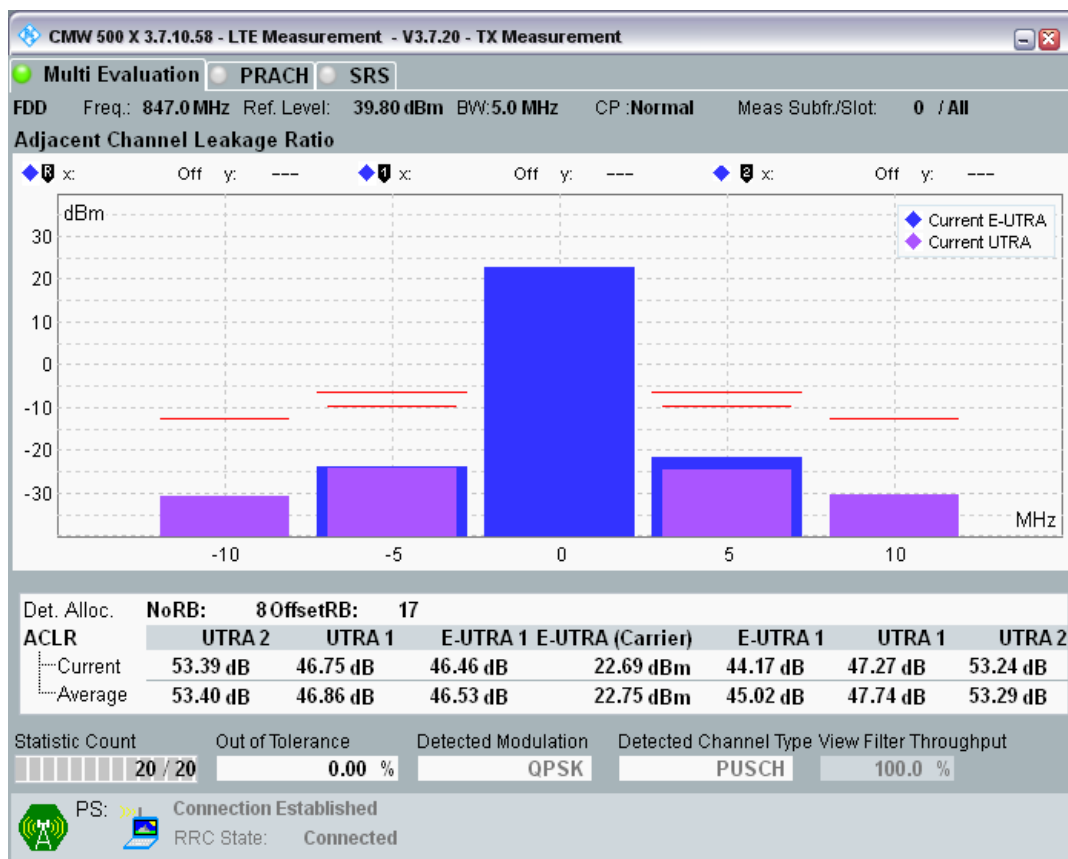
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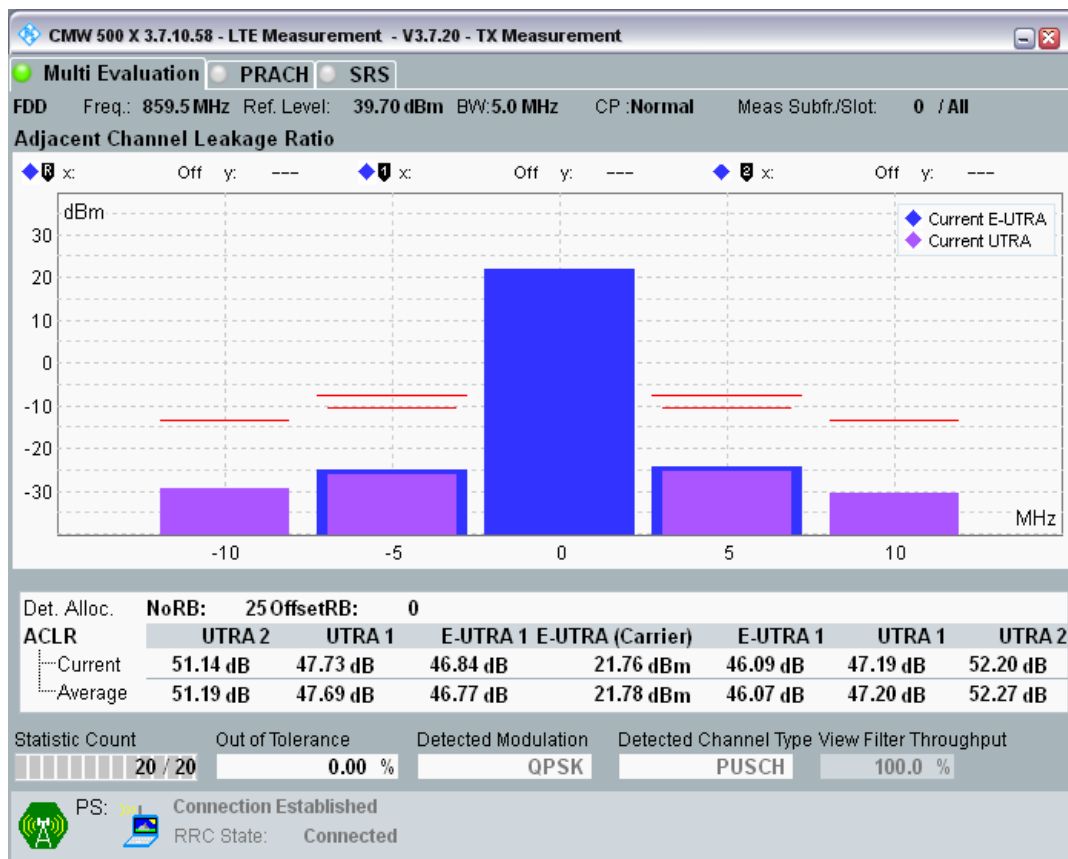
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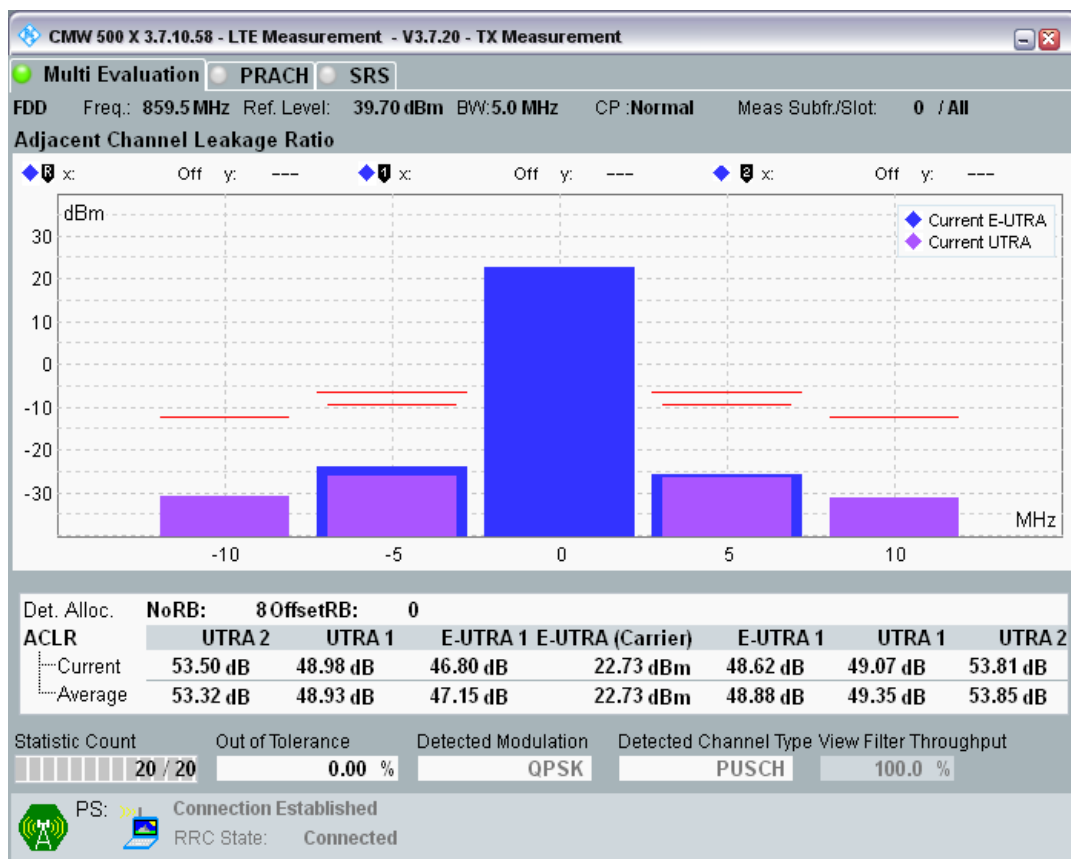
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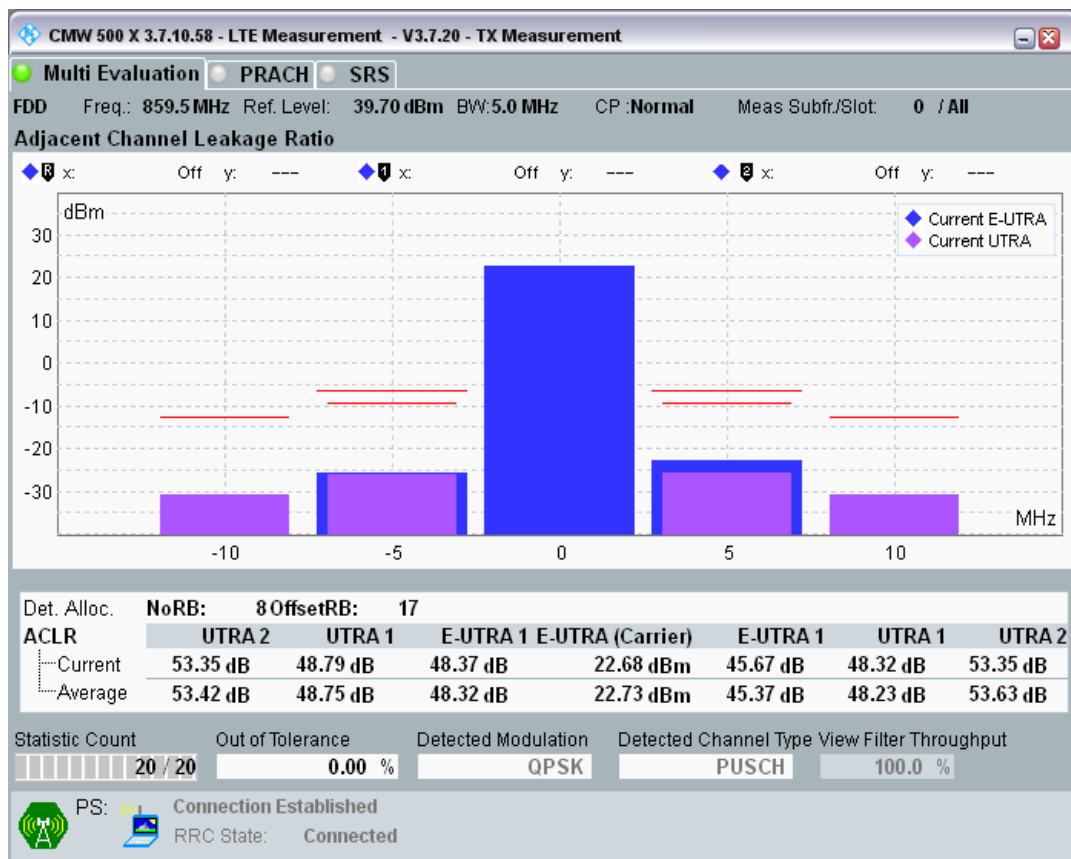
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Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#0.png



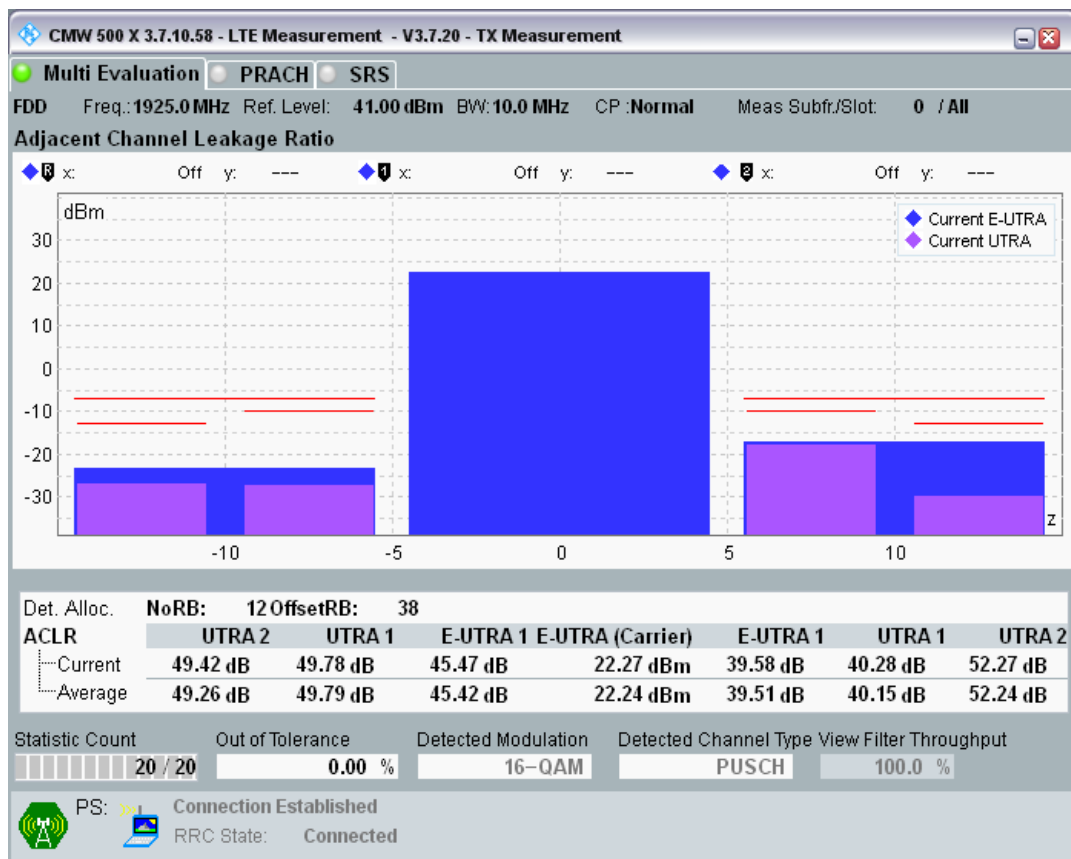
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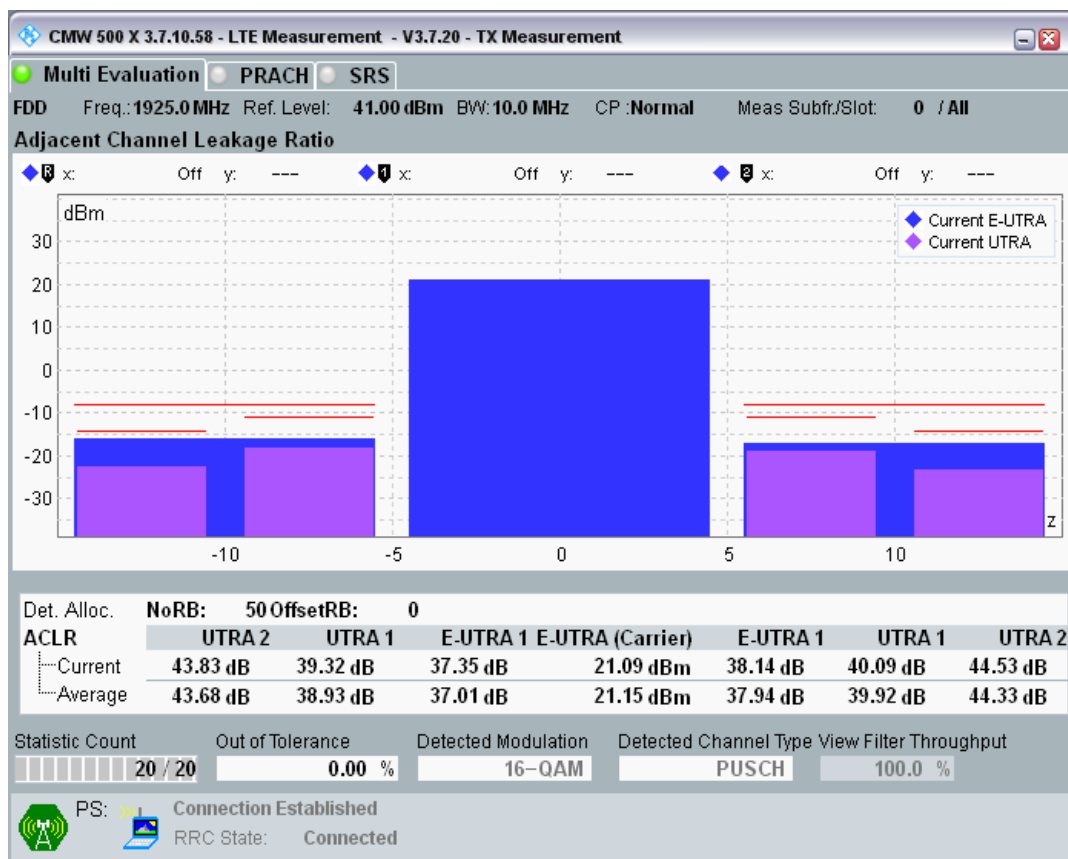
Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png



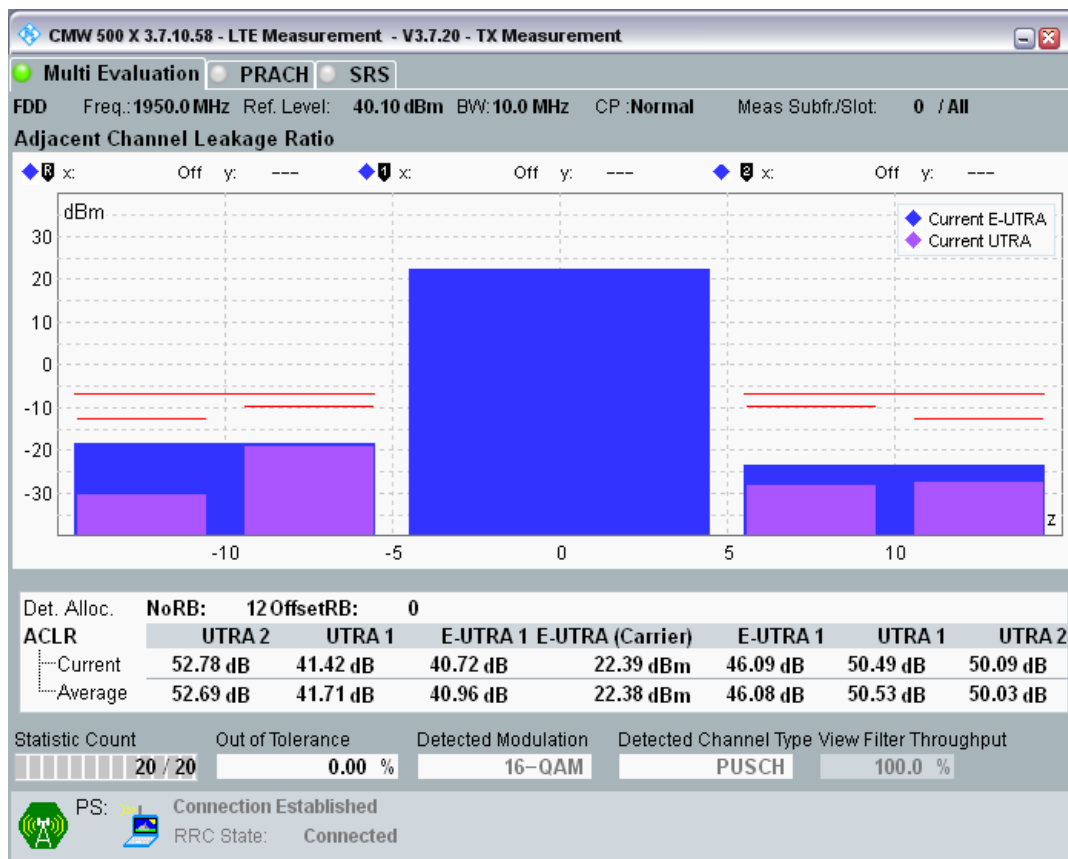
Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#Max.png



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



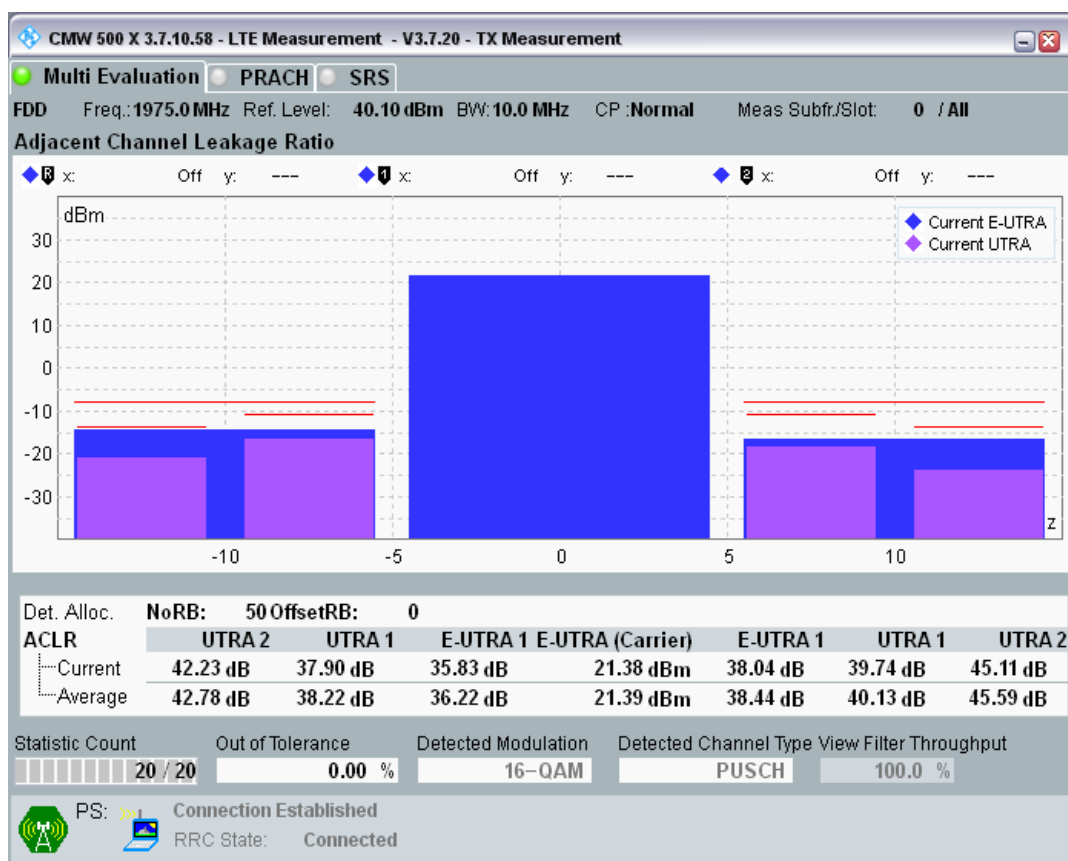
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Band1 QAM16 BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



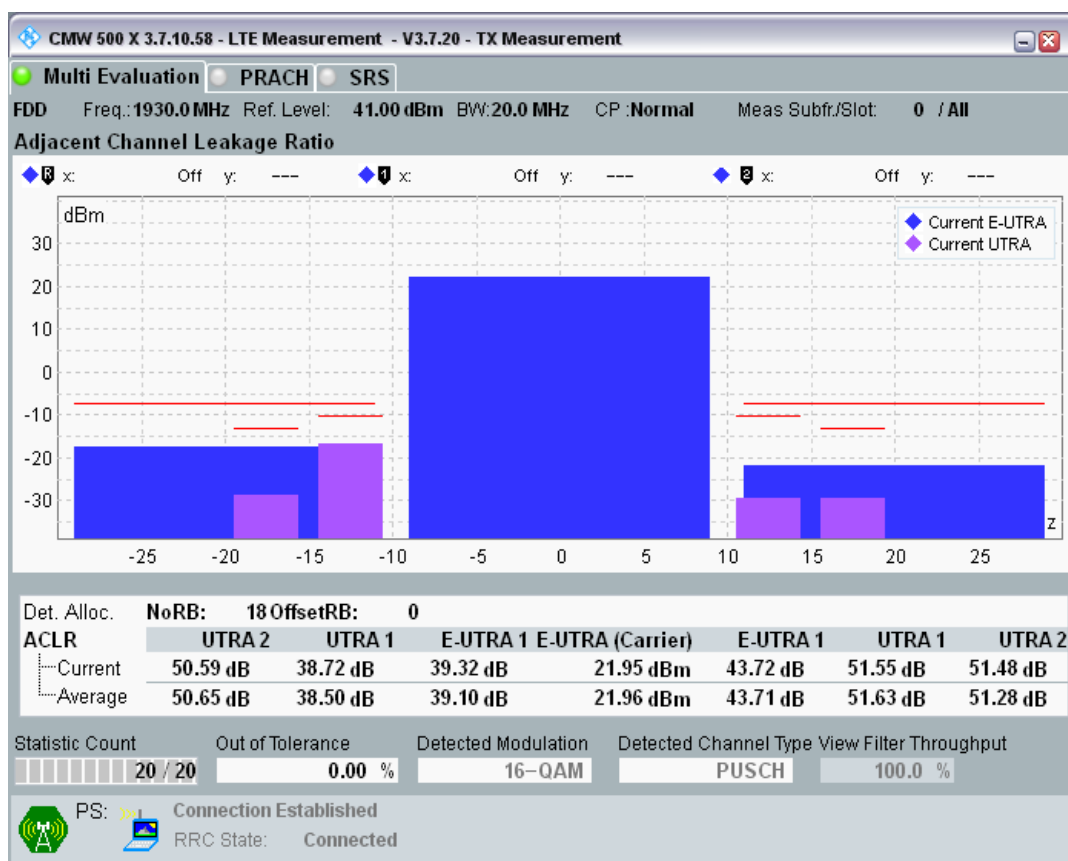
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Band1 QAM16 BW=20MHz Channel=18100 RB Size=100 Position=#0.png



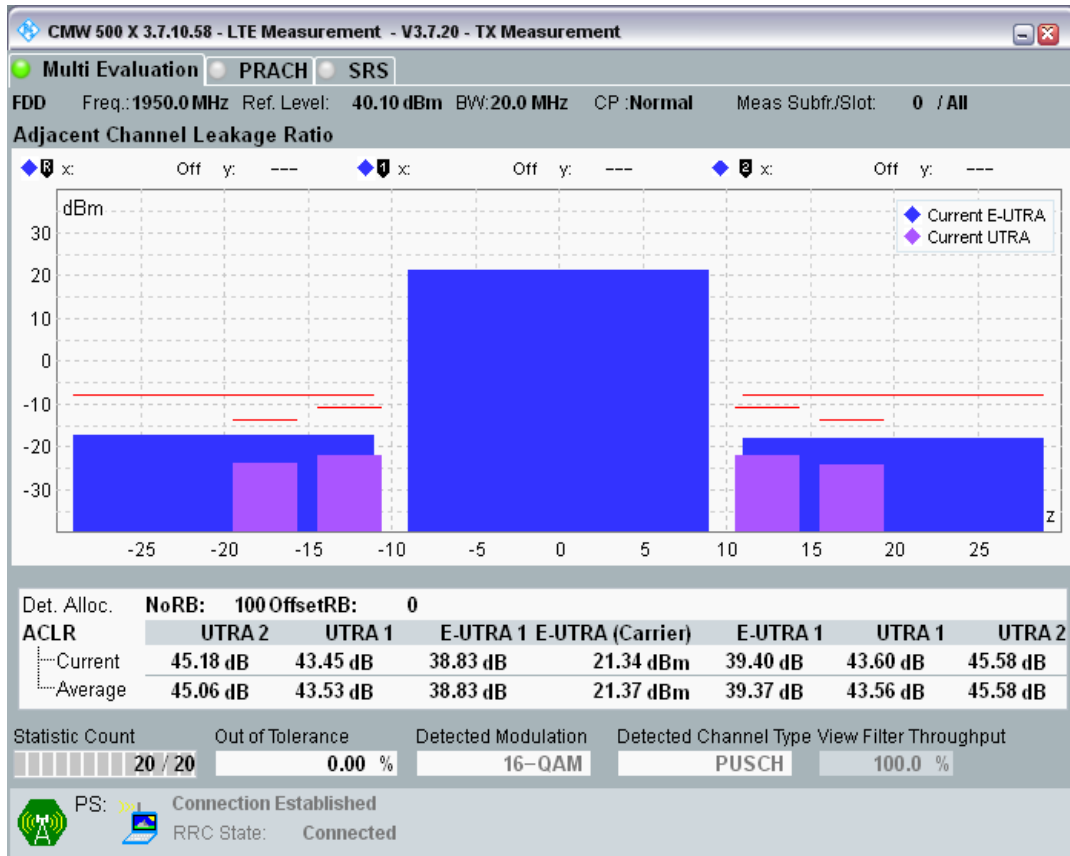
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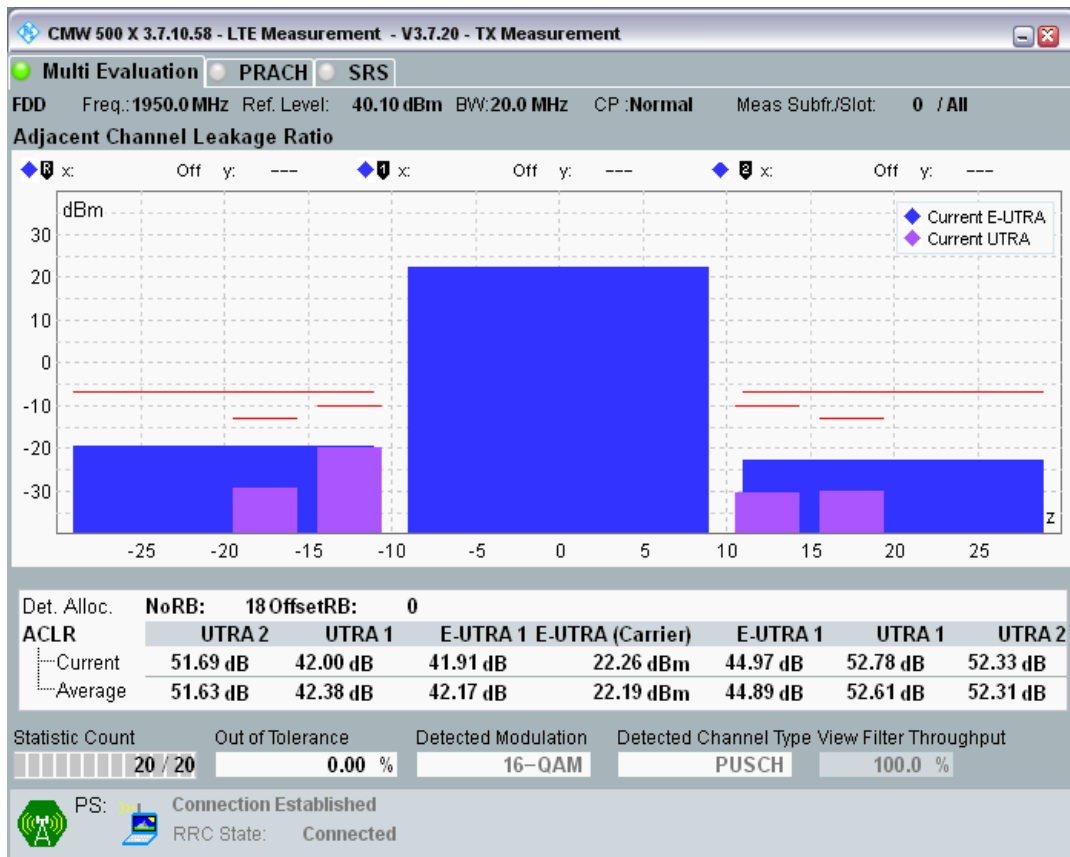
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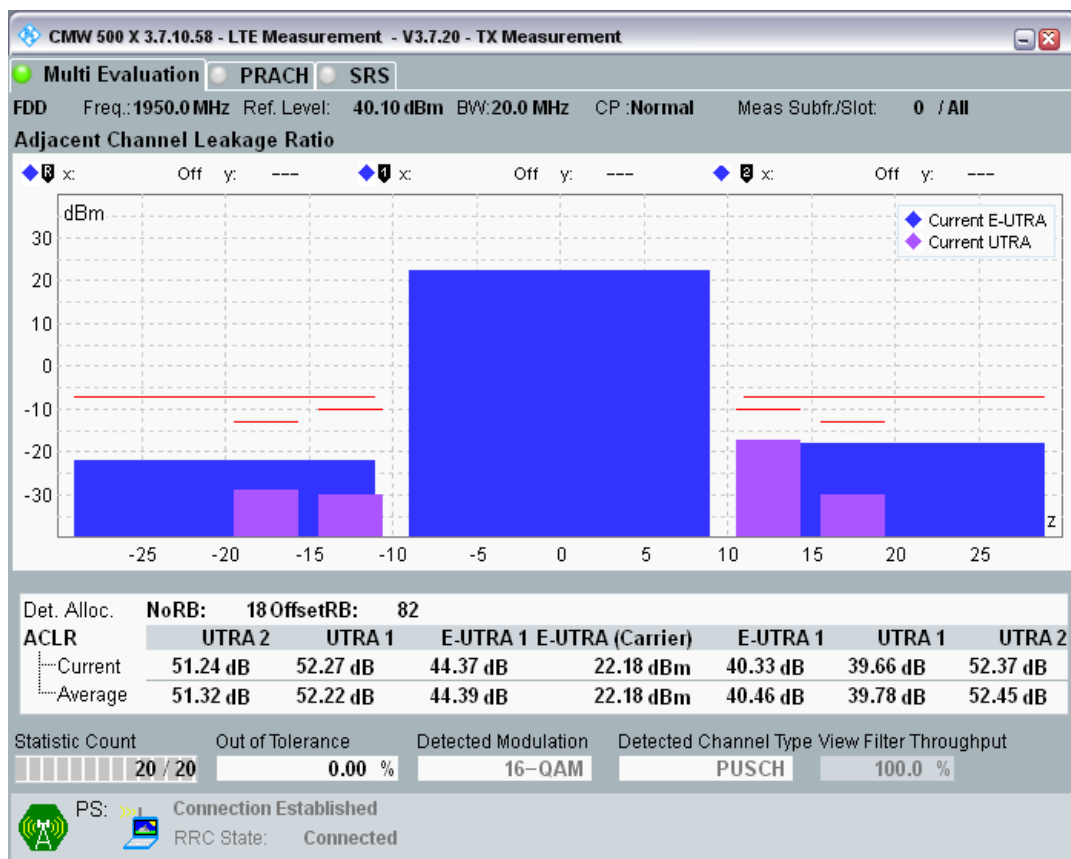
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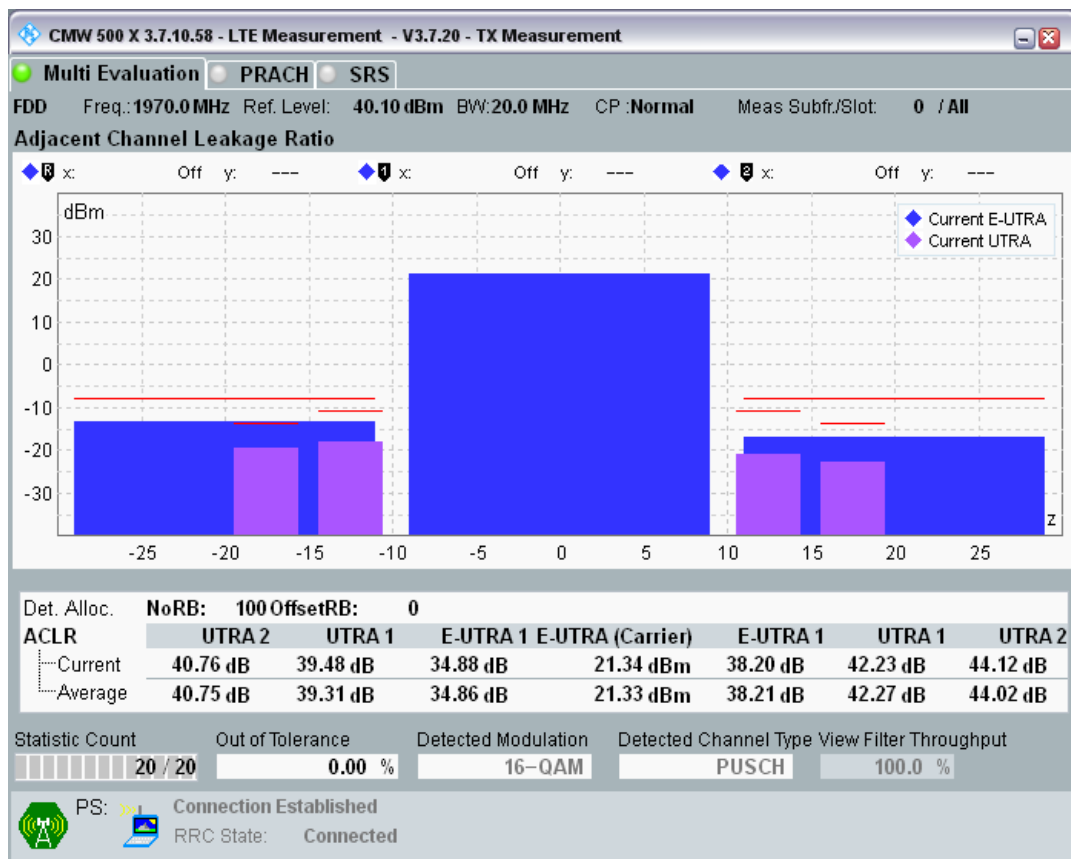
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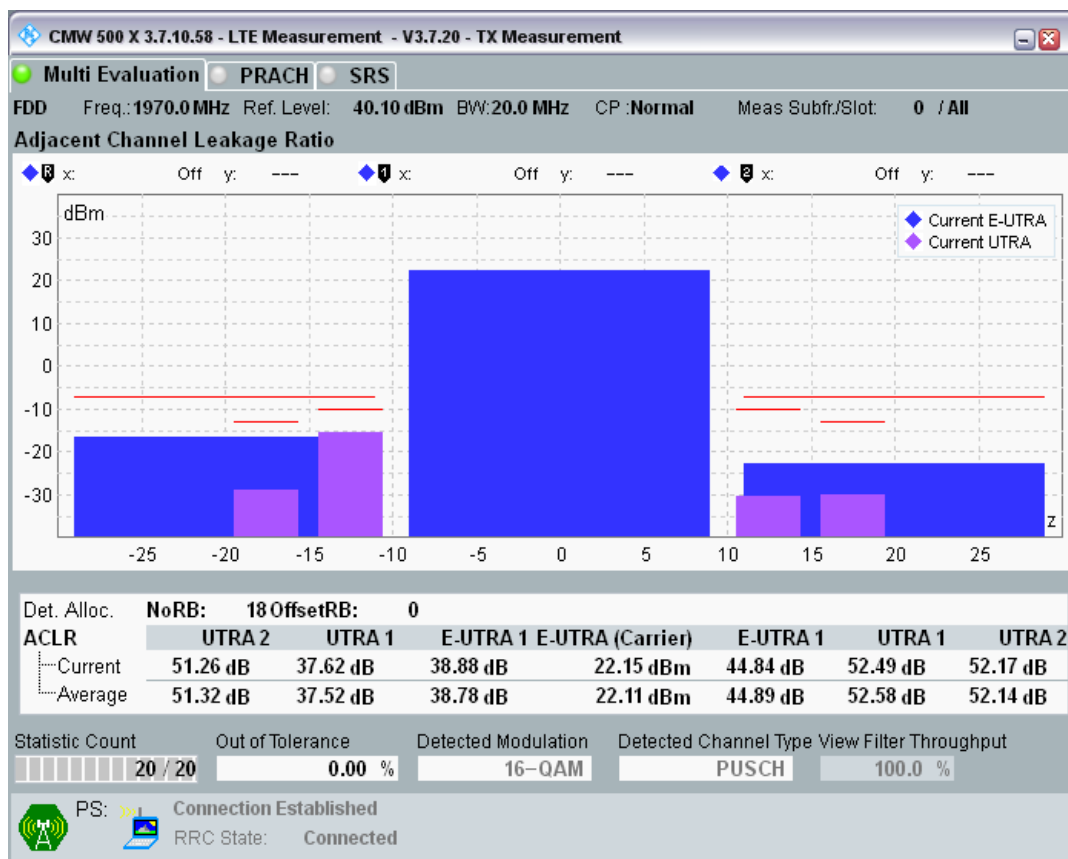
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Band1 QAM16 BW=20MHz Channel=18500 RB Size=100 Position=#0.png



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



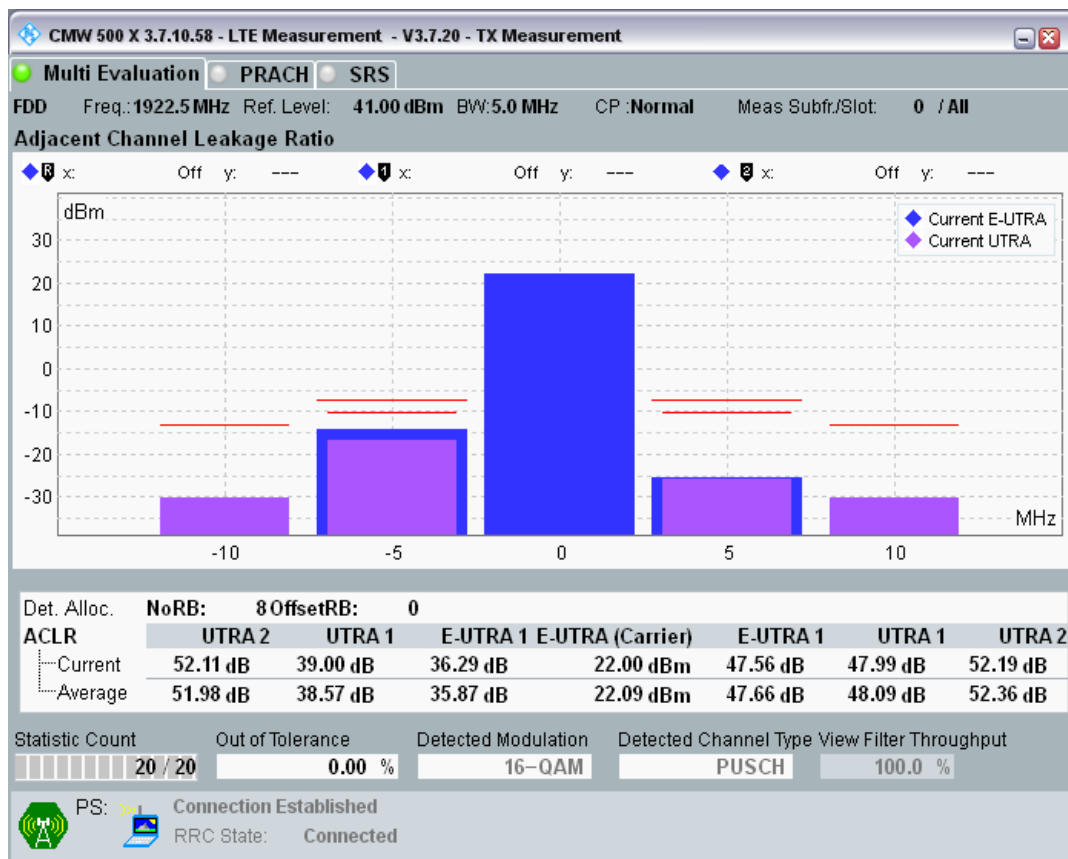
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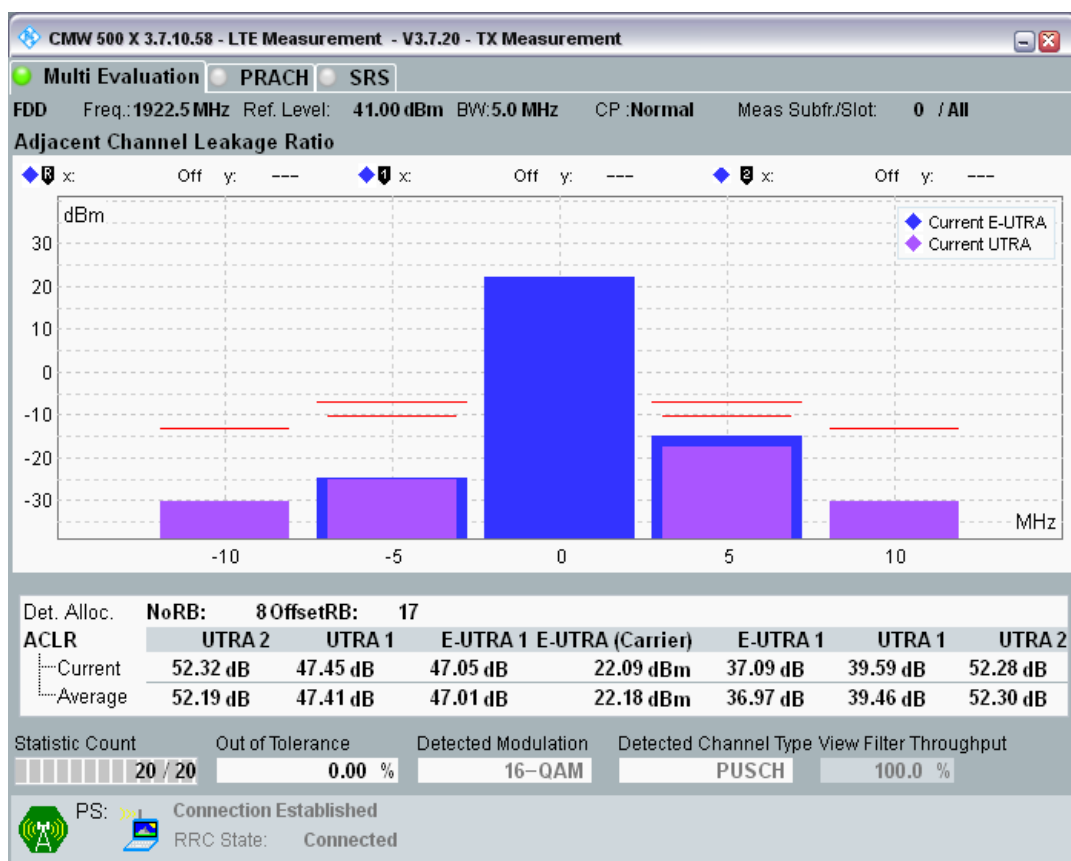
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Band1 QAM16 BW=5MHz Channel=18025 RB Size=8 Position=#0.png



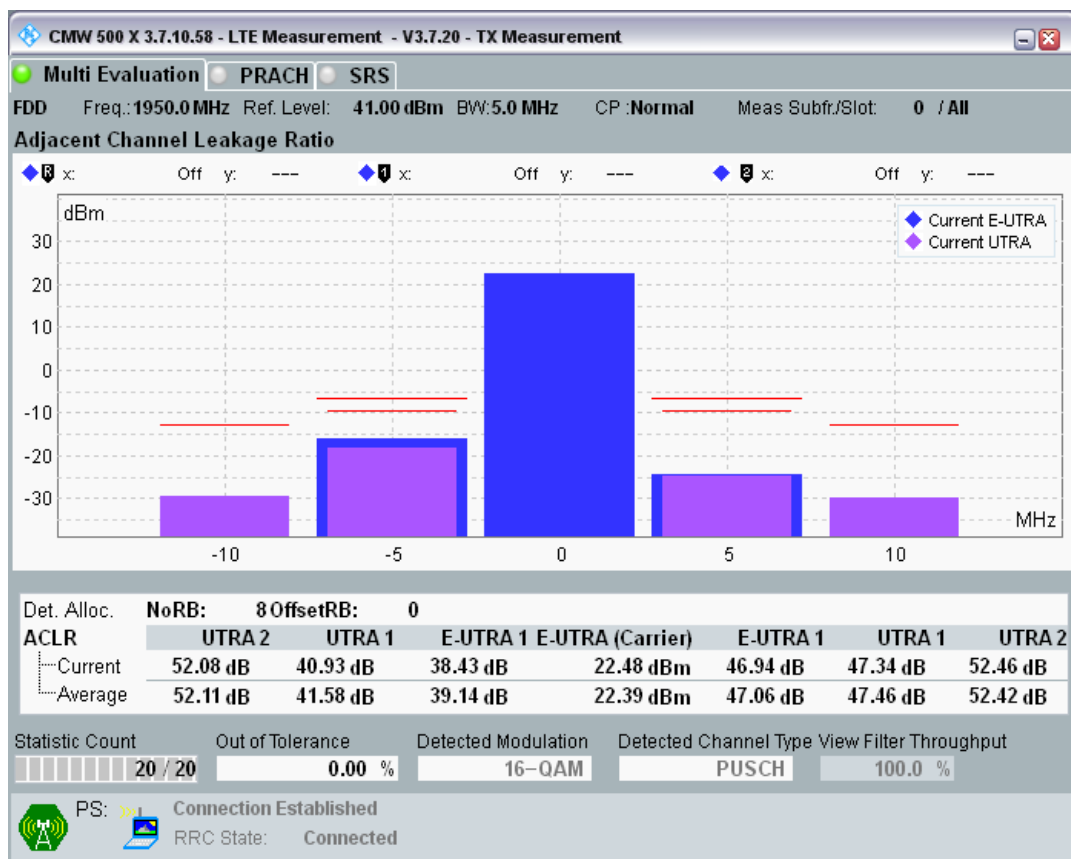
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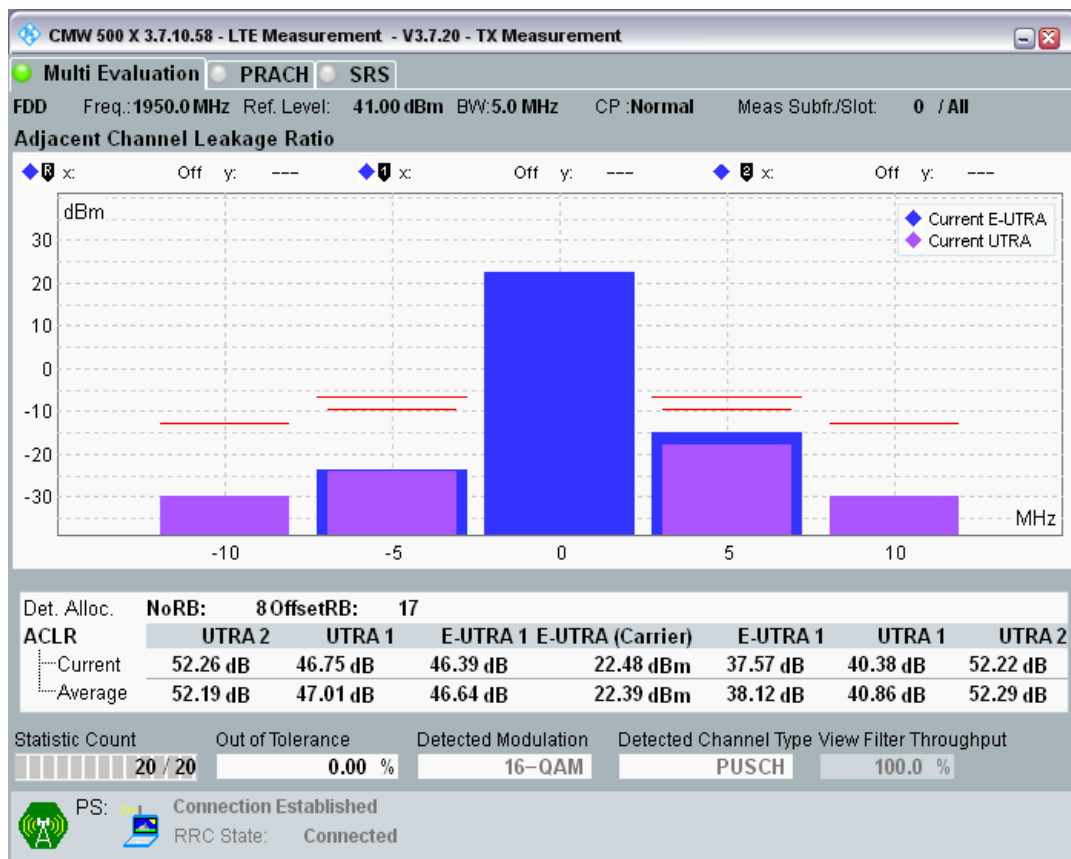
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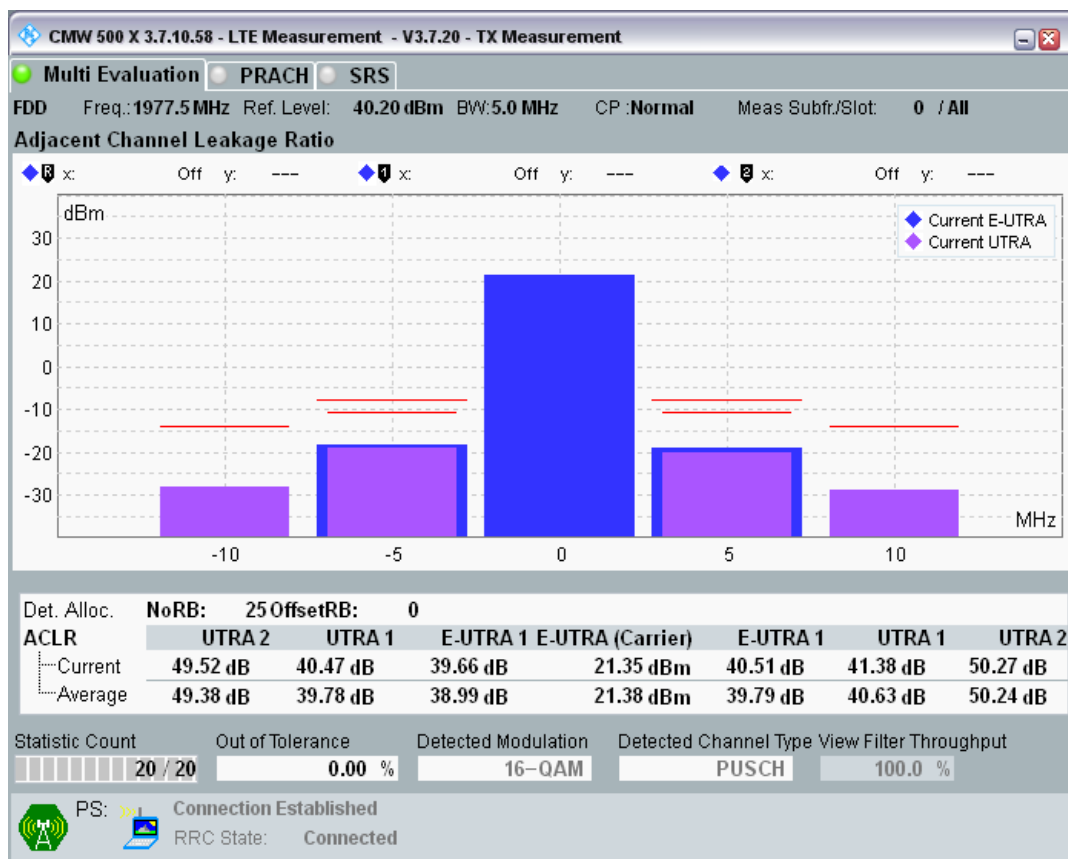
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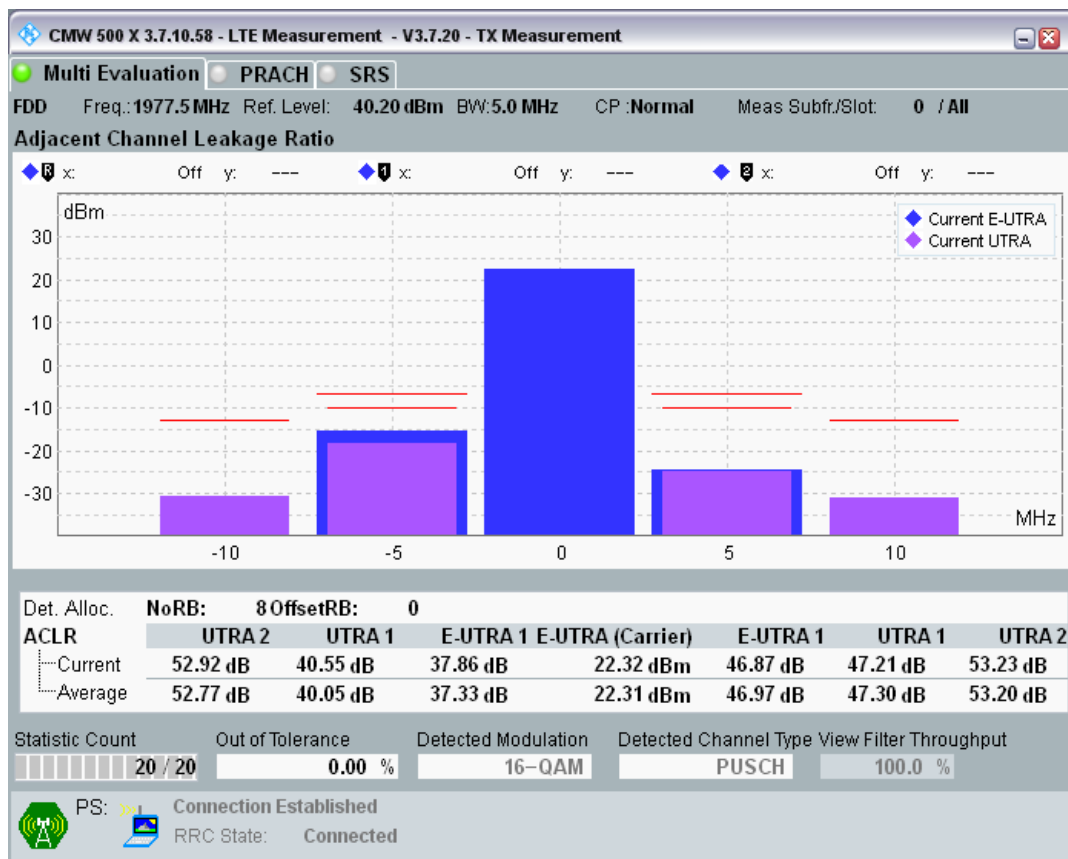
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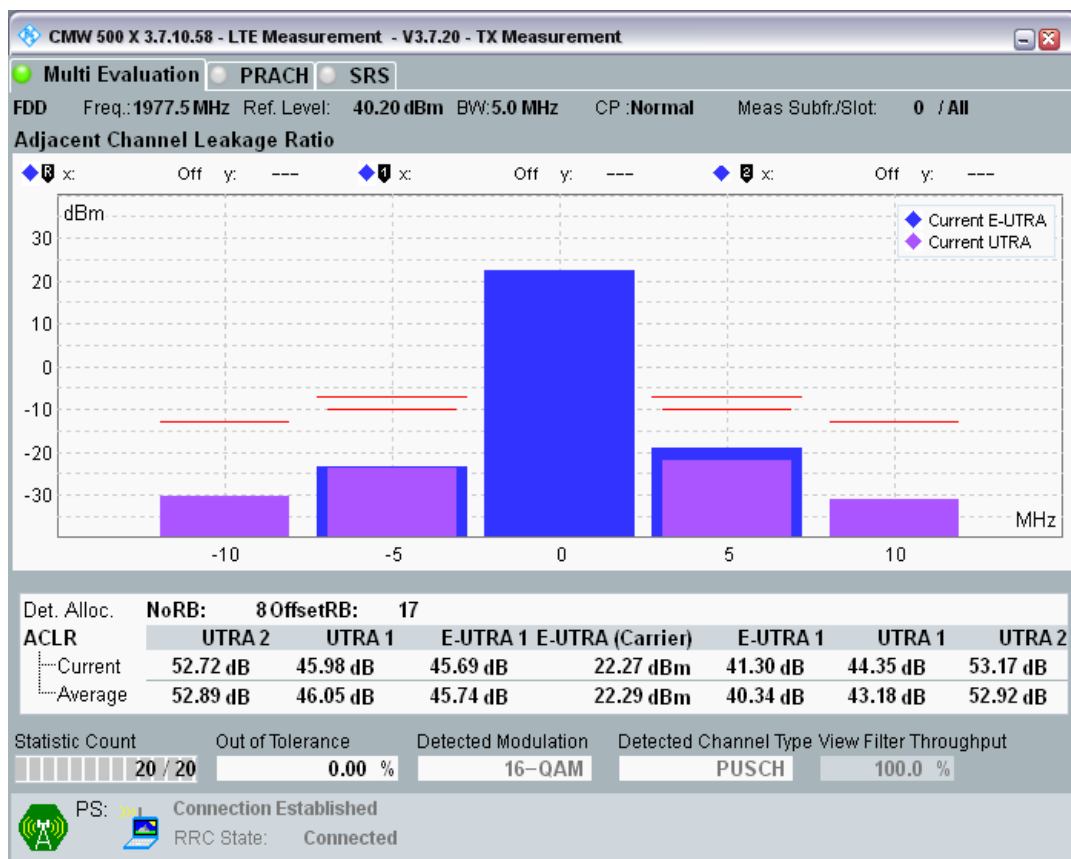
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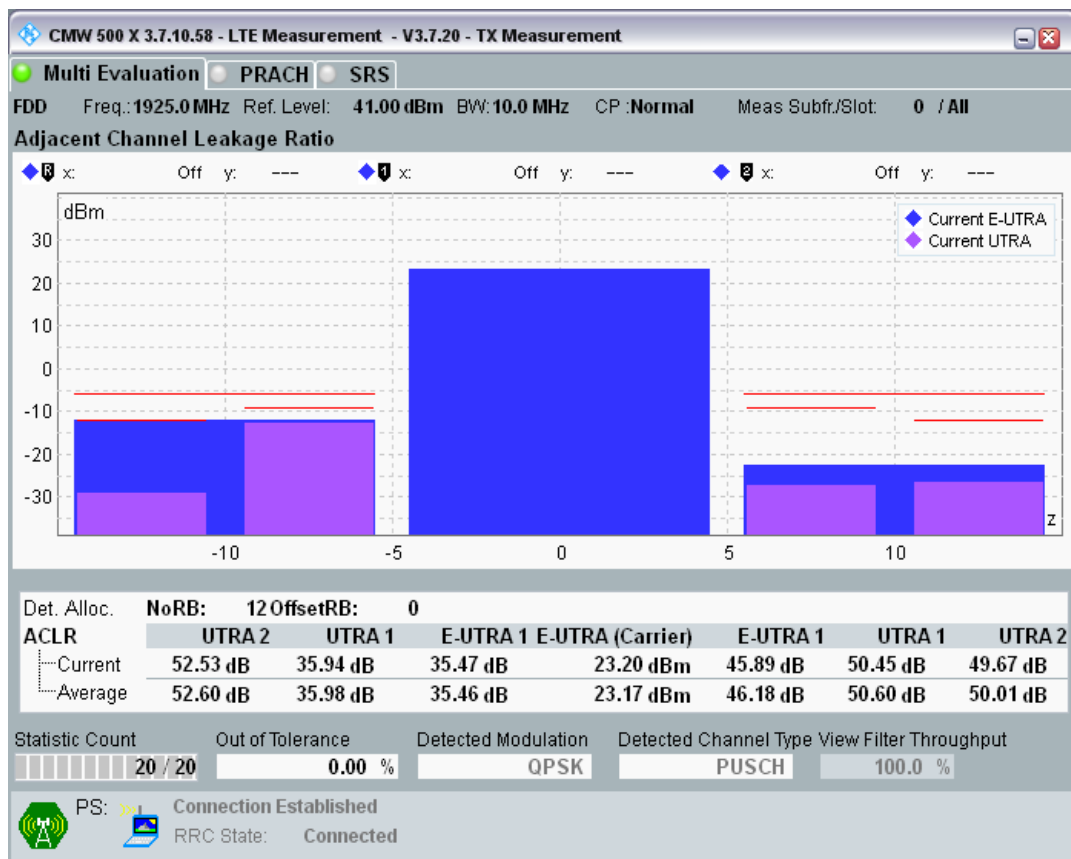
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Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



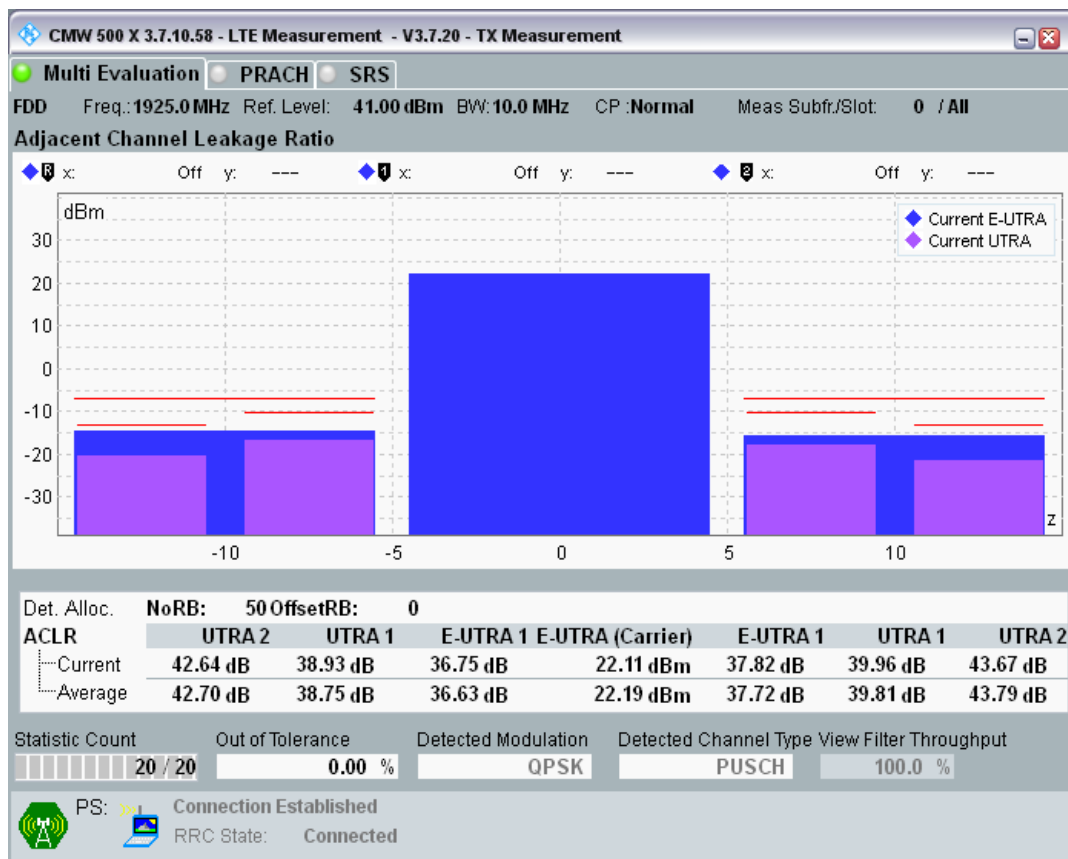
Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#0.png



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



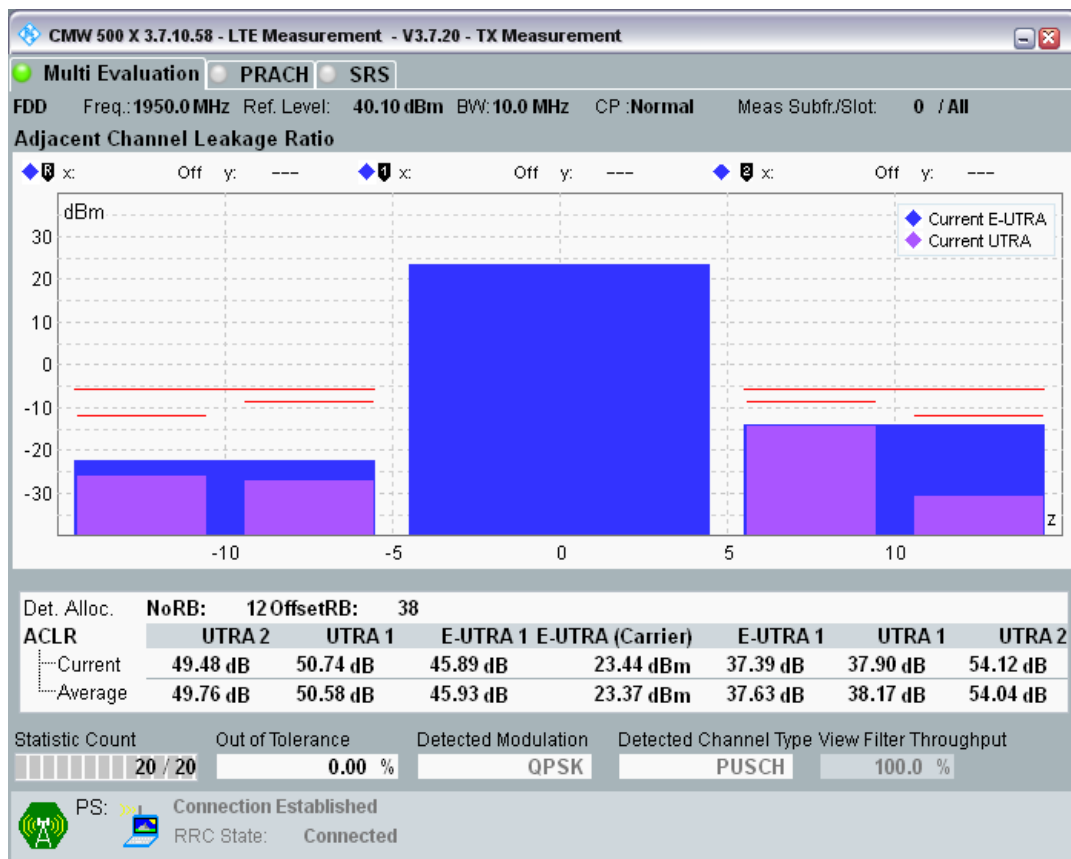
Band1 QPSK BW=10MHz Channel=18050 RB Size=50 Position=#0.png



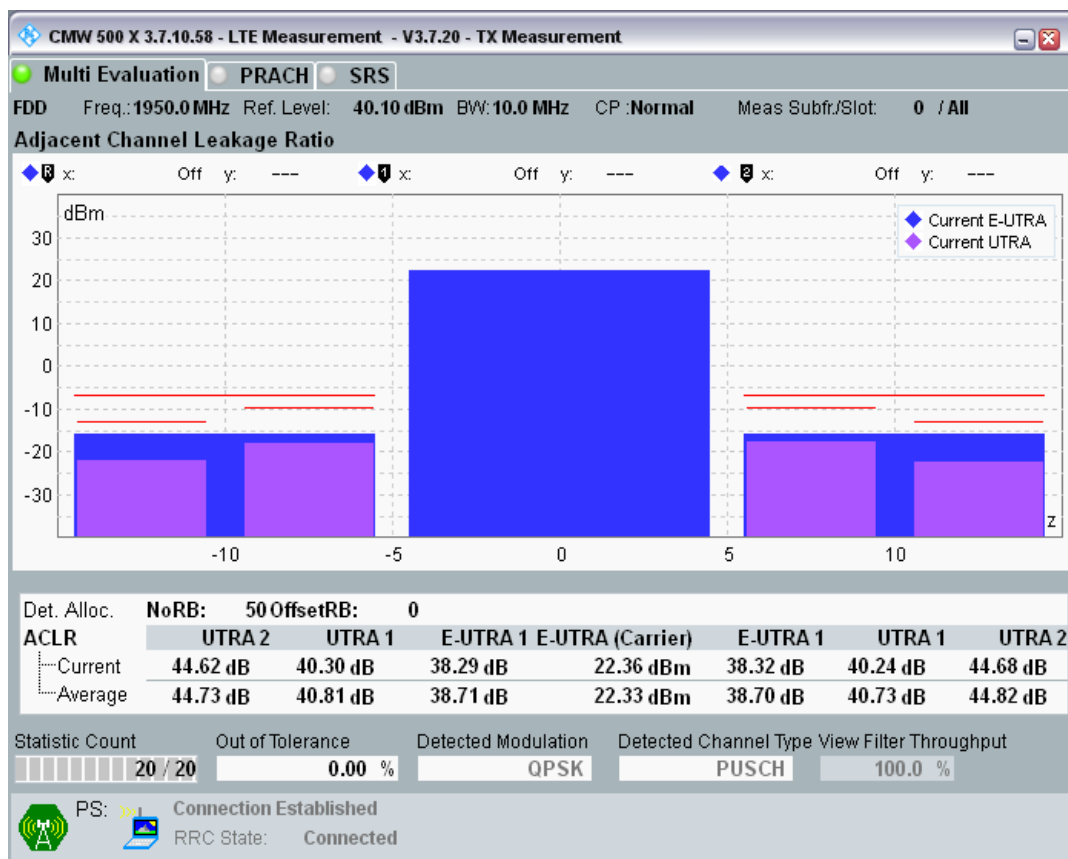
Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#0.png



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



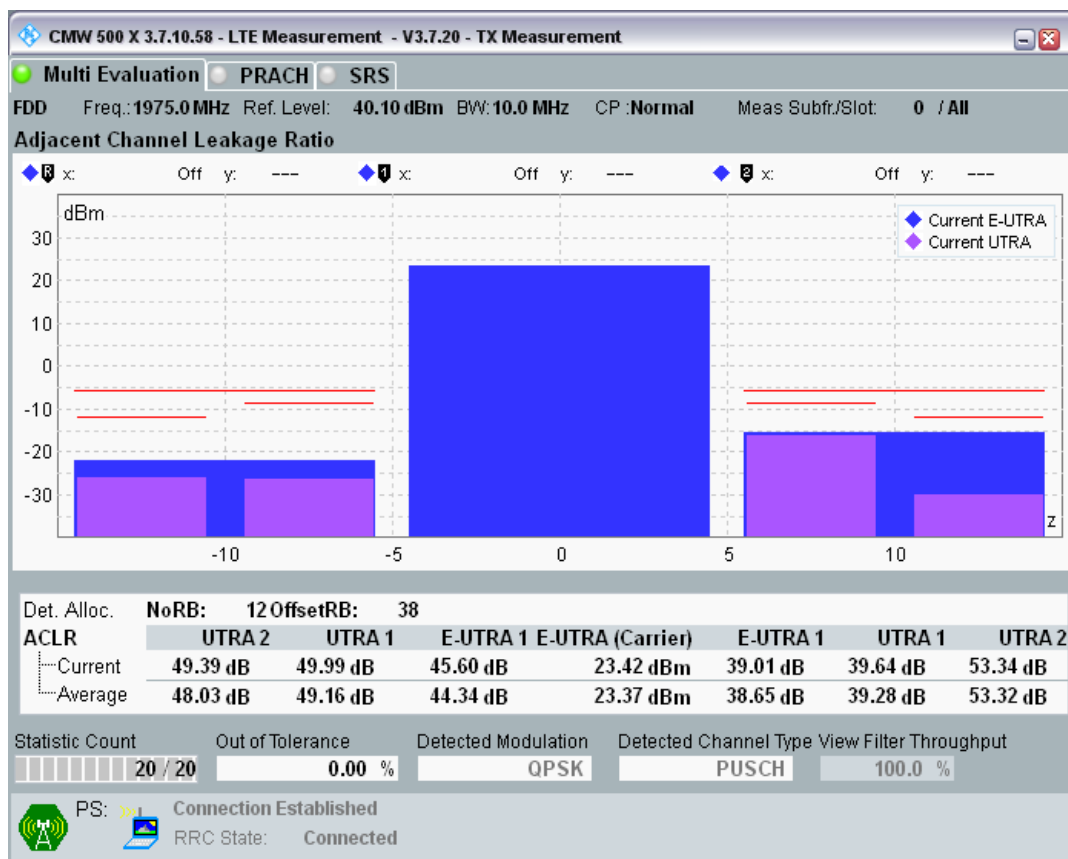
Band1 QPSK BW=10MHz Channel=18300 RB Size=50 Position=#0.png



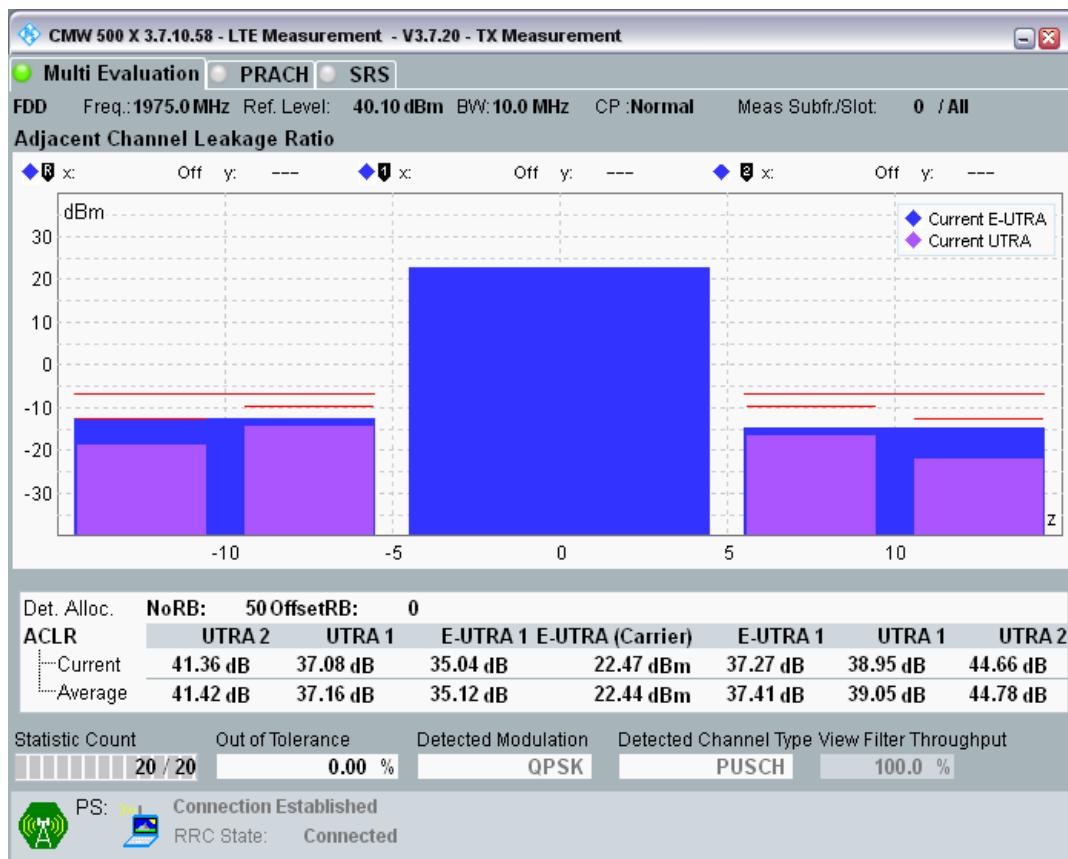
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



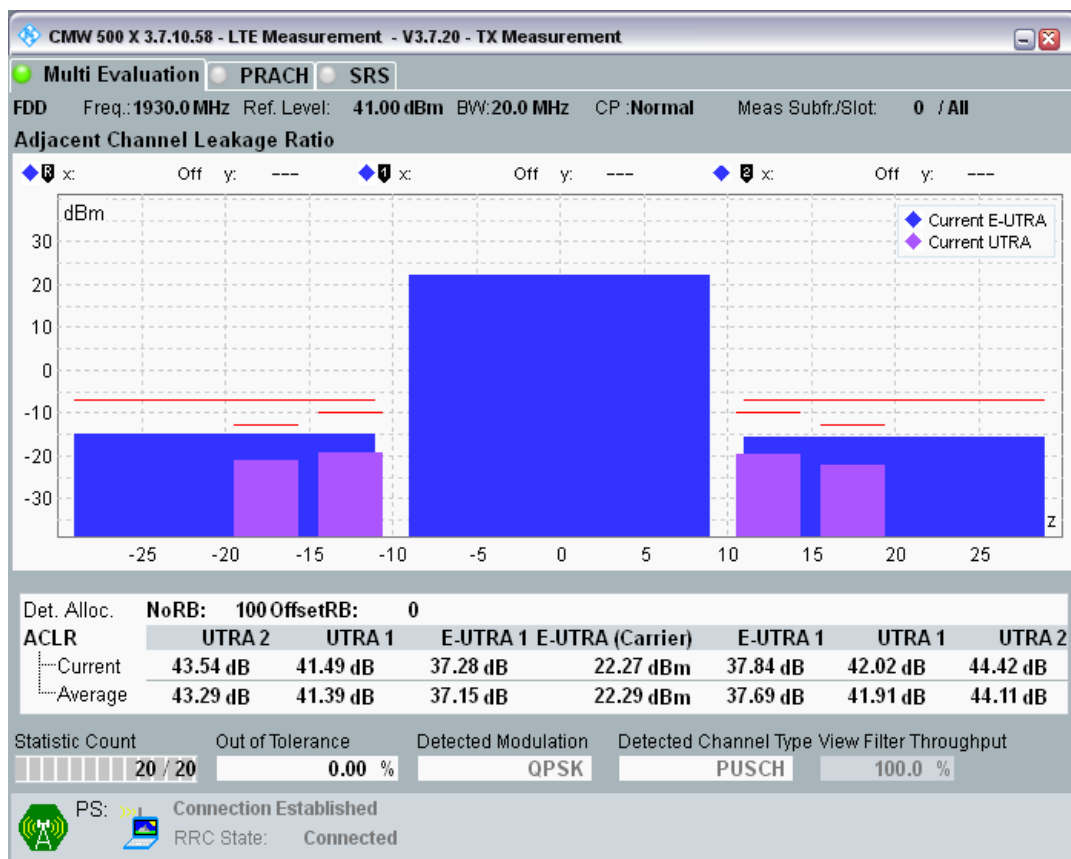
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



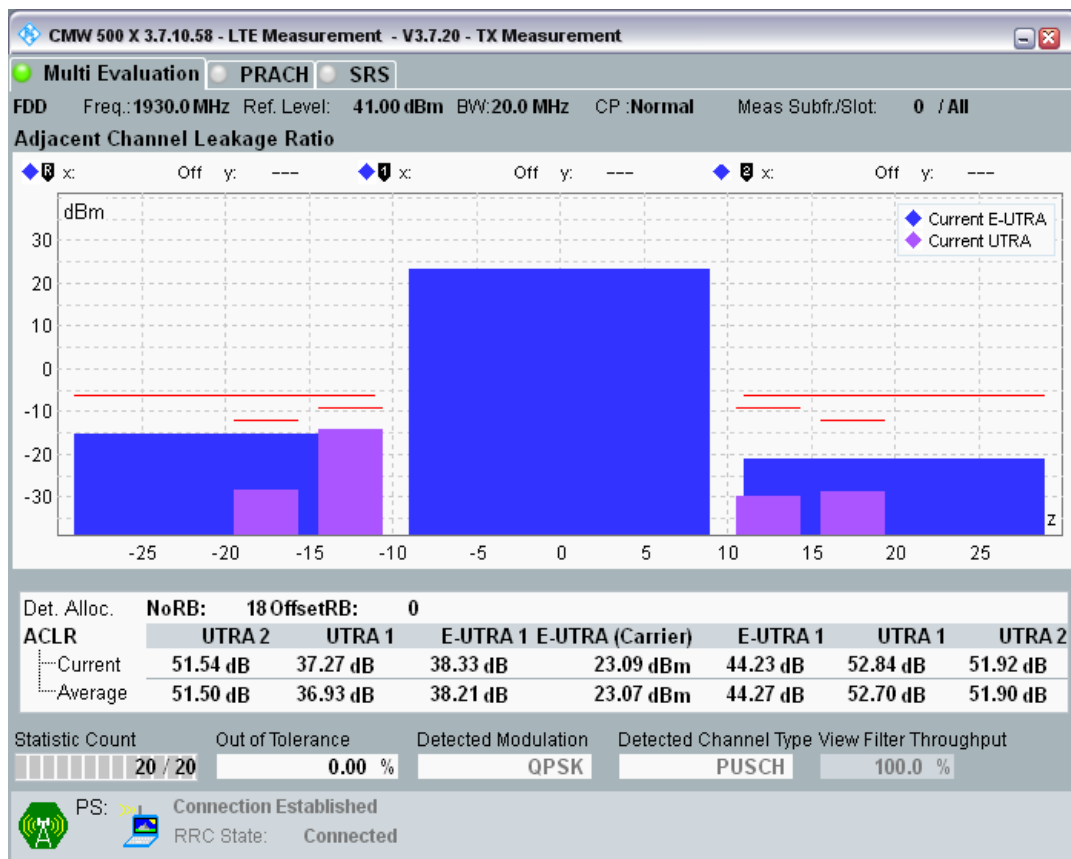
Band1 QPSK BW=10MHz Channel=18550 RB Size=50 Position=#0.png



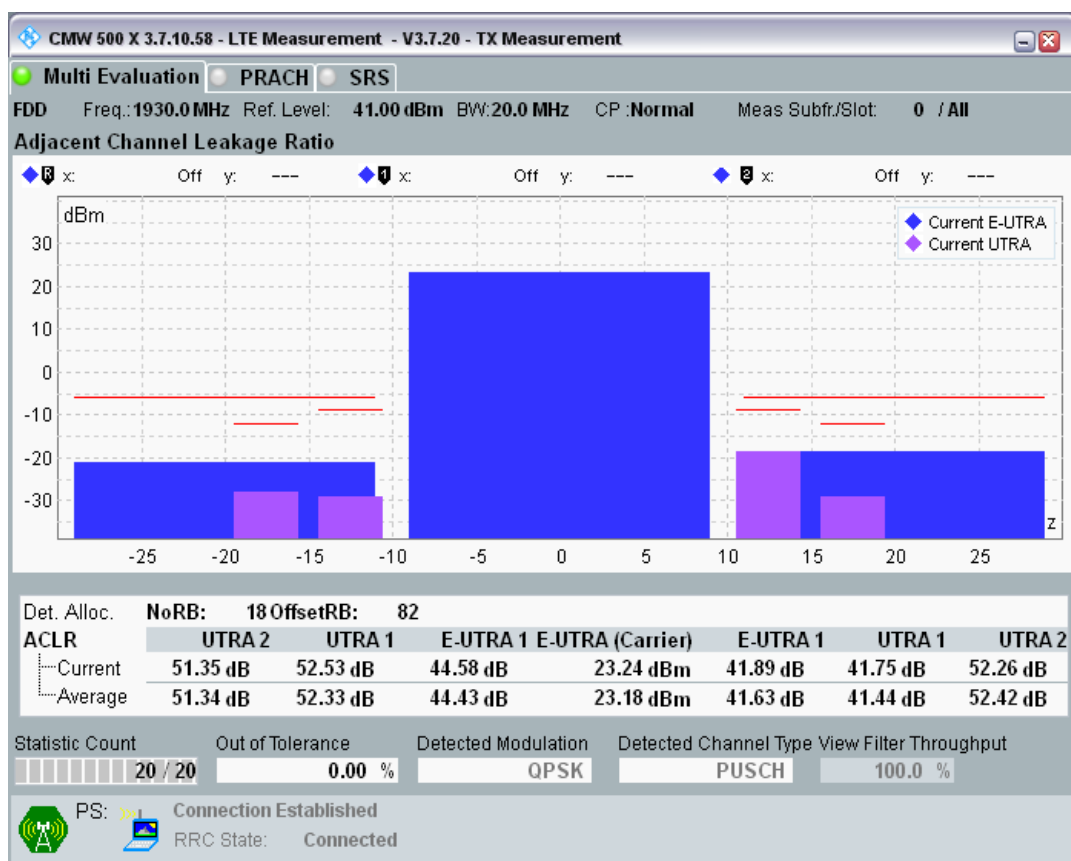
Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png



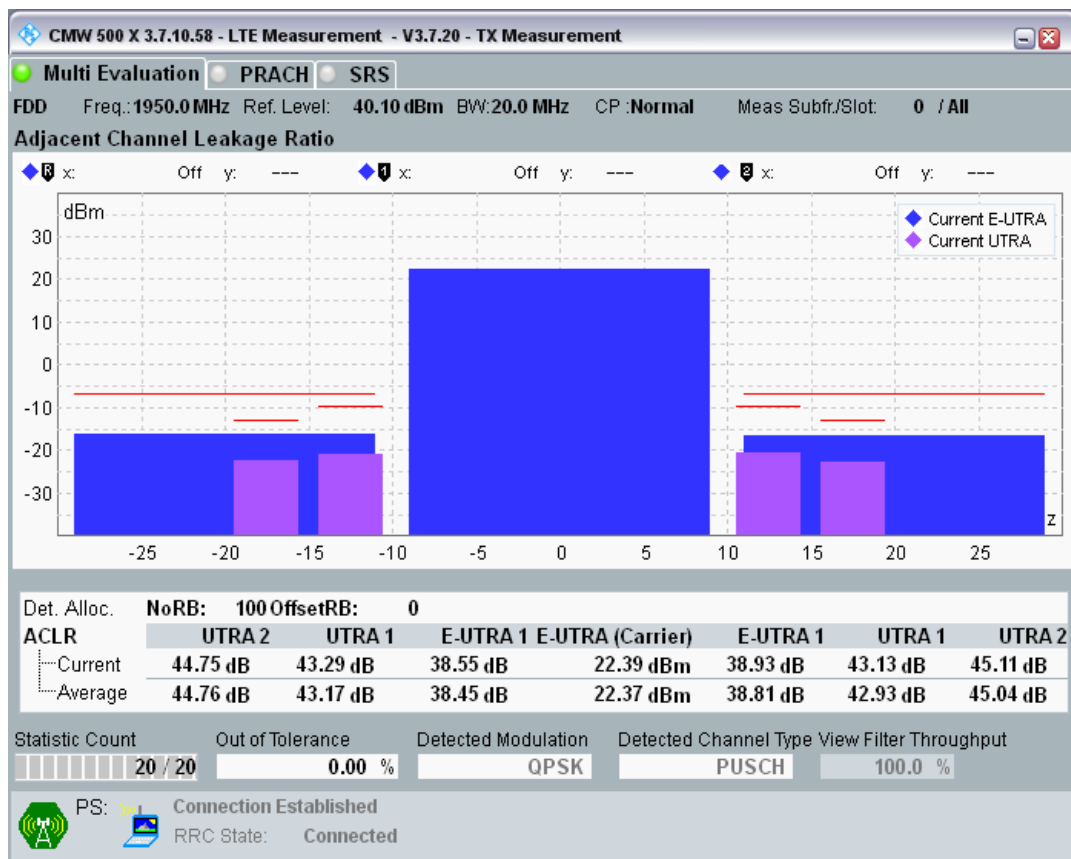
Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#0.png



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



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



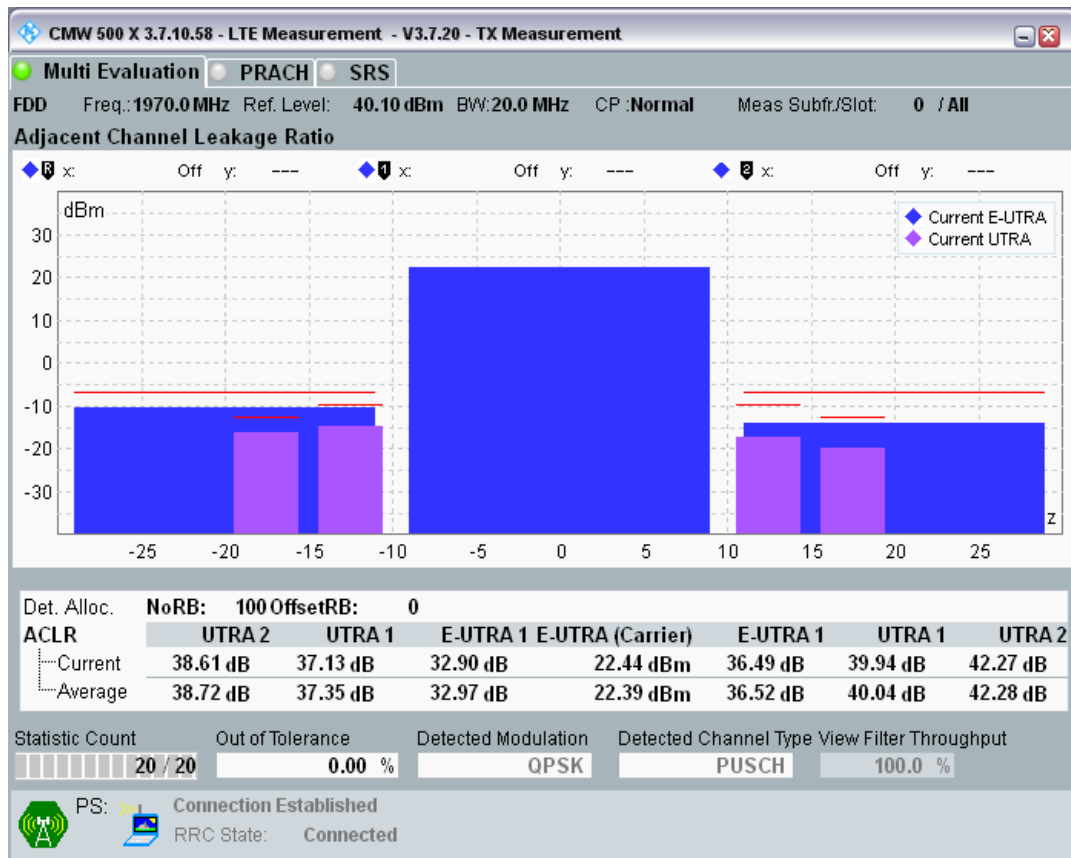
Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#0.png



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



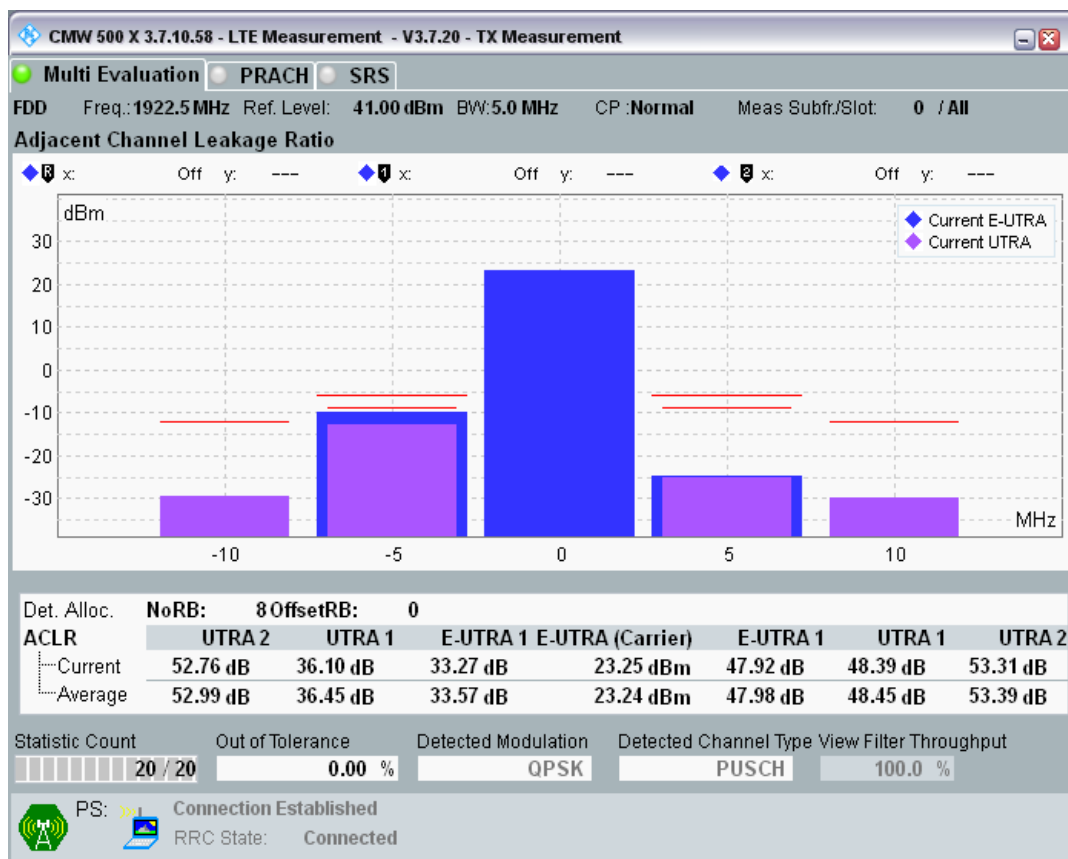
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



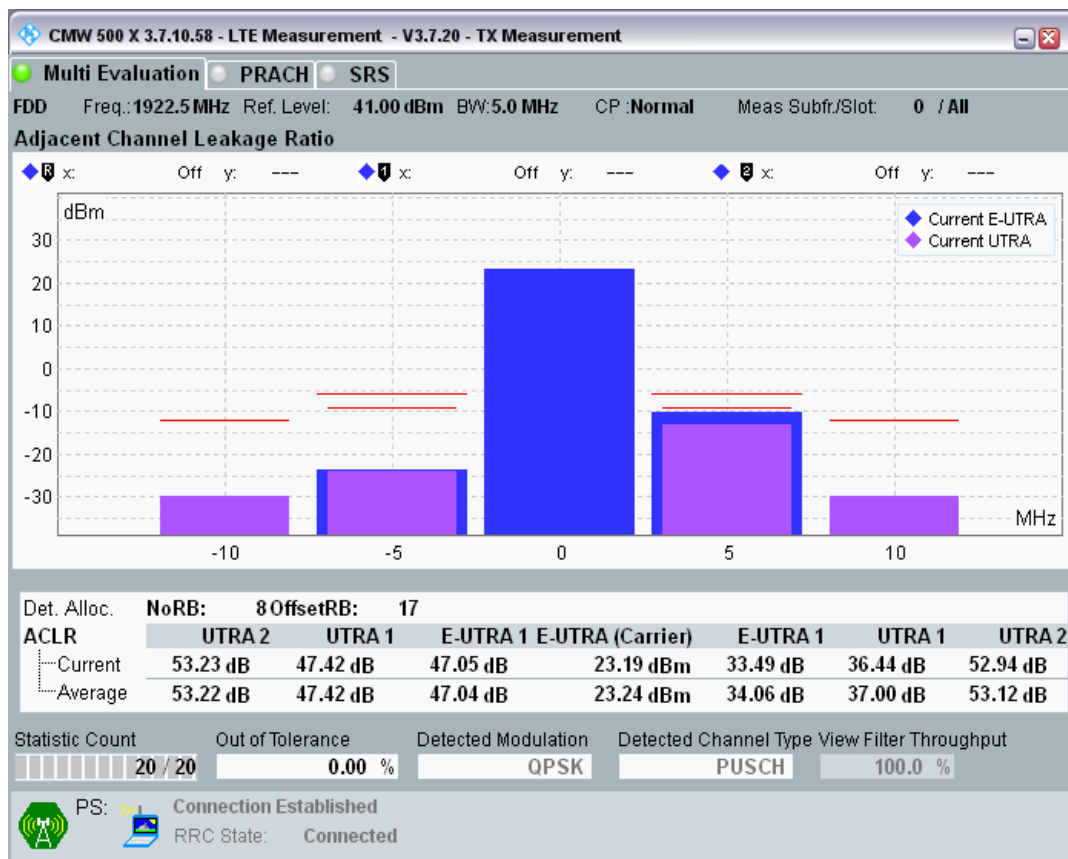
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png



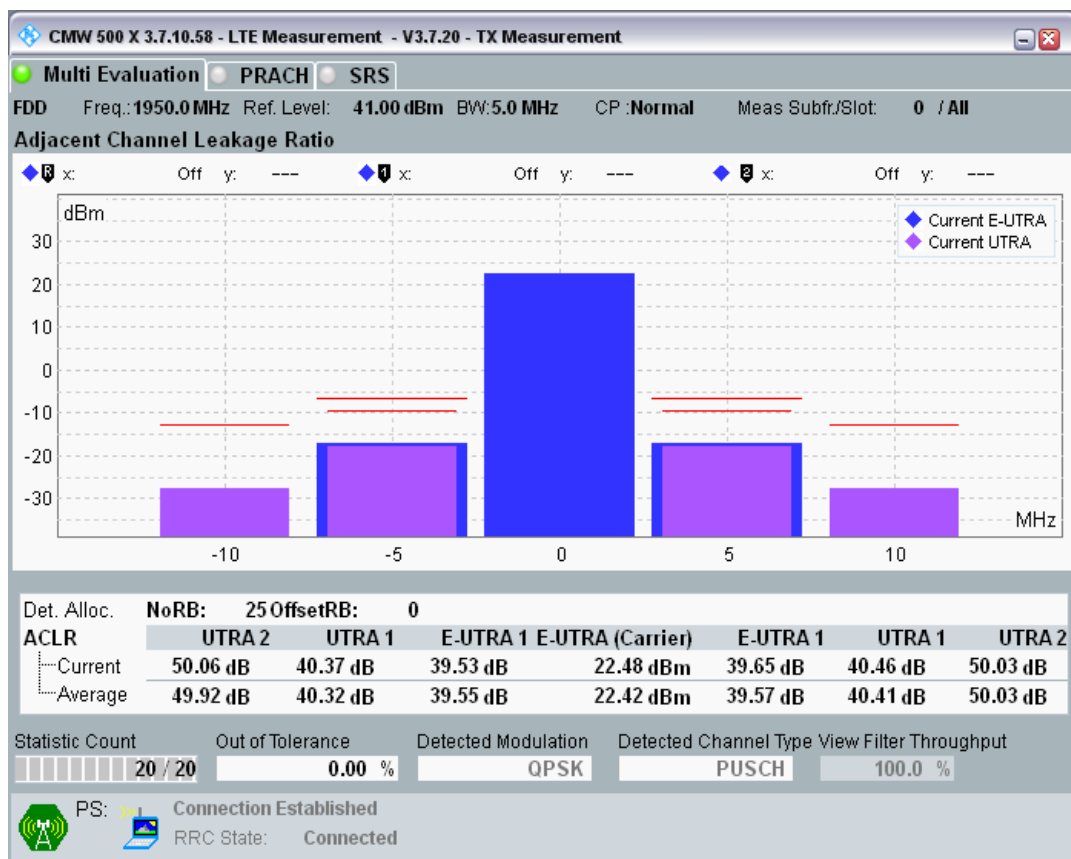
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#0.png



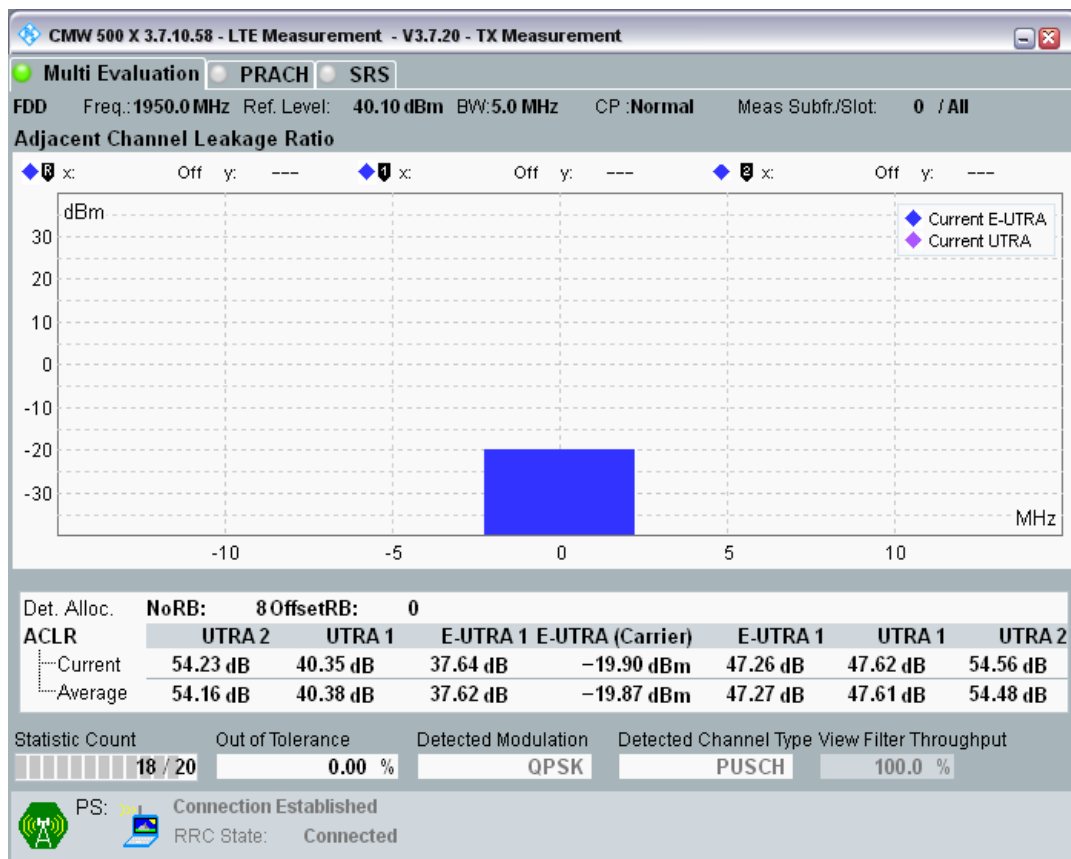
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



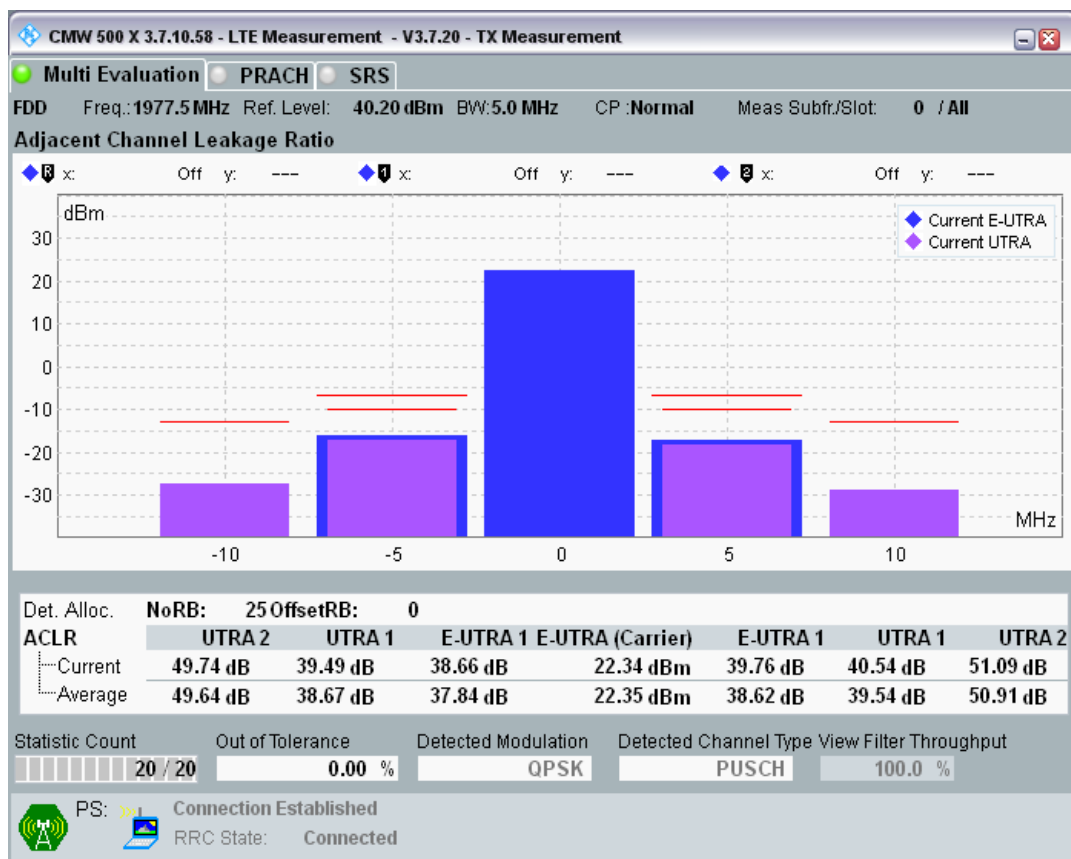
Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png



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



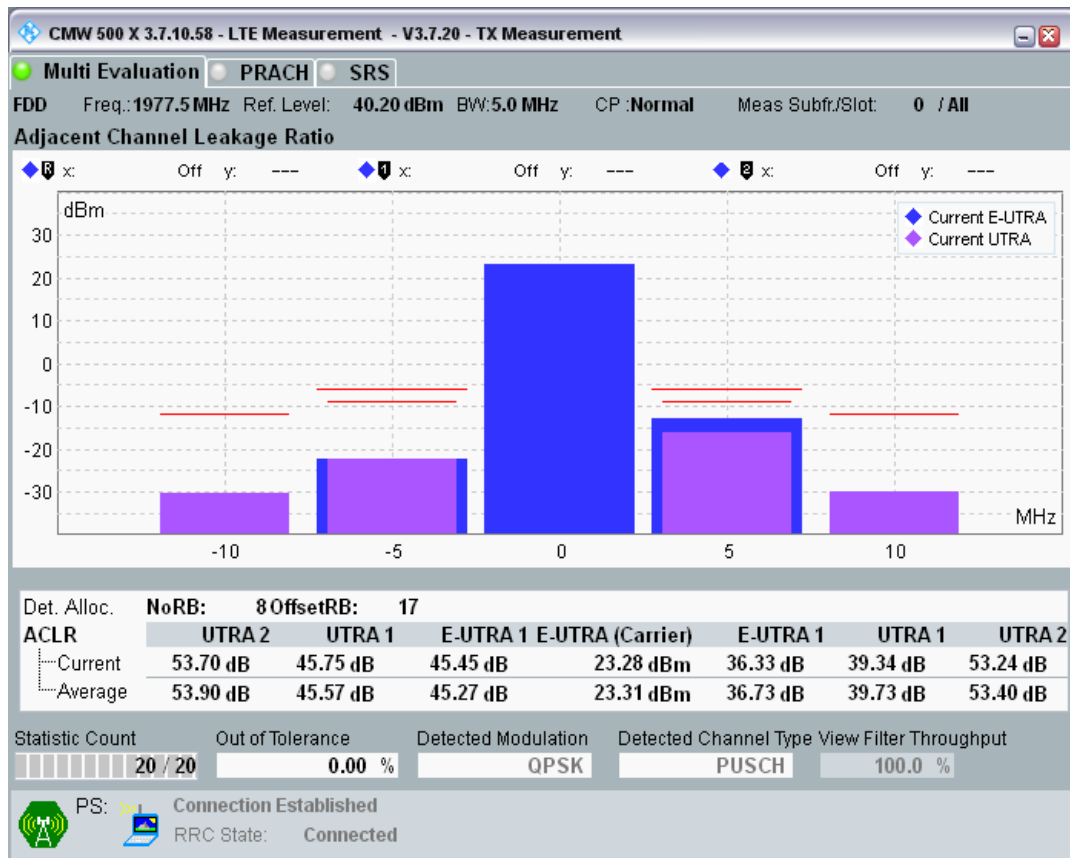
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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	99.88	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