

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

Test Data

Clause 4.2.2 LTE Transmitter maximum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Low (dBm)	Limit	high (dBm)	Limit	Verdict
7	5	20775	1	#0	QPSK	23.96	20.3		25.7		PASS
7	5	20775	1	#Max	QPSK	23.78	20.3		25.7		PASS
7	5	20775	8	#0	QPSK	24.03	20.3		25.7		PASS
7	5	20775	8	#Max	QPSK	23.95	20.3		25.7		PASS
7	5	21100	1	#0	QPSK	24.11	20.3		25.7		PASS
7	5	21100	1	#Max	QPSK	24.11	20.3		25.7		PASS
7	5	21100	8	#0	QPSK	24.23	20.3		25.7		PASS
7	5	21100	8	#Max	QPSK	24.21	20.3		25.7		PASS
7	5	21425	1	#0	QPSK	23.95	20.3		25.7		PASS
7	5	21425	1	#Max	QPSK	24.09	20.3		25.7		PASS
7	5	21425	8	#0	QPSK	23.90	20.3		25.7		PASS
7	5	21425	8	#Max	QPSK	23.82	20.3		25.7		PASS
7	20	20850	1	#0	QPSK	23.83	20.3		25.7		PASS
7	20	20850	1	#Max	QPSK	23.50	20.3		25.7		PASS
7	20	20850	18	#0	QPSK	23.81	20.3		25.7		PASS
7	20	20850	18	#Max	QPSK	23.61	20.3		25.7		PASS
7	20	21100	1	#0	QPSK	23.84	20.3		25.7		PASS
7	20	21100	1	#Max	QPSK	23.88	20.3		25.7		PASS
7	20	21100	18	#0	QPSK	23.99	20.3		25.7		PASS
7	20	21100	18	#Max	QPSK	23.91	20.3		25.7		PASS
7	20	21350	1	#0	QPSK	23.19	20.3		25.7		PASS
7	20	21350	1	#Max	QPSK	23.40	20.3		25.7		PASS
7	20	21350	18	#0	QPSK	23.21	20.3		25.7		PASS
7	20	21350	18	#Max	QPSK	23.50	20.3		25.7		PASS
1	5	18025	1	#0	QPSK	24.22	20.3		25.7		PASS
1	5	18025	1	#Max	QPSK	24.20	20.3		25.7		PASS
1	5	18025	8	#0	QPSK	24.29	20.3		25.7		PASS
1	5	18025	8	#Max	QPSK	24.27	20.3		25.7		PASS
1	5	18300	1	#0	QPSK	24.02	20.3		25.7		PASS
1	5	18300	1	#Max	QPSK	23.97	20.3		25.7		PASS
1	5	18300	8	#0	QPSK	24.10	20.3		25.7		PASS
1	5	18300	8	#Max	QPSK	24.05	20.3		25.7		PASS
1	5	18575	1	#0	QPSK	24.18	20.3		25.7		PASS
1	5	18575	1	#Max	QPSK	24.24	20.3		25.7		PASS

1	5	18575	8	#0	QPSK	24.37	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	24.36	20.3	25.7	PASS
1	20	18100	1	#0	QPSK	24.04	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	24.05	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	24.16	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	24.14	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	24.13	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	23.80	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	24.16	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	23.86	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	23.77	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	24.14	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	23.88	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	24.11	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.30	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.30	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.33	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.33	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	23.36	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	23.33	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	23.43	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	23.47	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	23.77	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	23.84	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	23.86	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	23.85	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.66	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.56	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.56	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.12	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	23.36	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	23.27	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	23.45	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	23.29	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	23.58	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	23.74	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	23.74	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	23.77	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	24.75	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	24.34	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.70	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	24.23	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	23.73	20.3	25.7	PASS

8	10	21625	1	#Max	QPSK	23.46	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	23.51	20.3	25.7	PASS
8	10	21625	12	#Max	QPSK	23.40	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	23.38	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	23.80	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	23.46	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	23.76	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.17	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.11	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.24	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.16	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	23.86	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	23.78	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	23.89	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	23.83	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	23.64	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	23.68	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	23.84	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	23.76	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	23.95	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	23.65	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.10	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	23.75	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	23.86	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	23.72	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	23.86	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	23.72	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	23.68	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	23.61	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	23.74	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	23.67	20.3	25.7	PASS
3	1.4	19207	1	#0	QPSK	22.27	20.3	25.7	PASS
3	1.4	19207	1	#Max	QPSK	22.26	20.3	25.7	PASS
3	1.4	19207	5	#0	QPSK	22.30	20.3	25.7	PASS
3	1.4	19207	5	#Max	QPSK	22.29	20.3	25.7	PASS
3	1.4	19575	1	#0	QPSK	22.20	20.3	25.7	PASS
3	1.4	19575	1	#Max	QPSK	22.18	20.3	25.7	PASS
3	1.4	19575	5	#0	QPSK	22.30	20.3	25.7	PASS
3	1.4	19575	5	#Max	QPSK	22.26	20.3	25.7	PASS
3	1.4	19943	1	#0	QPSK	22.02	20.3	25.7	PASS
3	1.4	19943	1	#Max	QPSK	22.04	20.3	25.7	PASS
3	1.4	19943	5	#0	QPSK	22.05	20.3	25.7	PASS
3	1.4	19943	5	#Max	QPSK	22.05	20.3	25.7	PASS

3	5	19225	1	#0	QPSK	22.07	20.3	25.7	PASS
3	5	19225	1	#Max	QPSK	21.98	20.3	25.7	PASS
3	5	19225	8	#0	QPSK	22.15	20.3	25.7	PASS
3	5	19225	8	#Max	QPSK	22.18	20.3	25.7	PASS
3	5	19575	1	#0	QPSK	22.22	20.3	25.7	PASS
3	5	19575	1	#Max	QPSK	22.03	20.3	25.7	PASS
3	5	19575	8	#0	QPSK	22.22	20.3	25.7	PASS
3	5	19575	8	#Max	QPSK	22.11	20.3	25.7	PASS
3	5	19925	1	#0	QPSK	21.86	20.3	25.7	PASS
3	5	19925	1	#Max	QPSK	21.86	20.3	25.7	PASS
3	5	19925	8	#0	QPSK	22.02	20.3	25.7	PASS
3	5	19925	8	#Max	QPSK	21.94	20.3	25.7	PASS
3	20	19300	1	#0	QPSK	22.09	20.3	25.7	PASS
3	20	19300	1	#Max	QPSK	21.98	20.3	25.7	PASS
3	20	19300	18	#0	QPSK	22.14	20.3	25.7	PASS
3	20	19300	18	#Max	QPSK	22.08	20.3	25.7	PASS
3	20	19575	1	#0	QPSK	22.14	20.3	25.7	PASS
3	20	19575	1	#Max	QPSK	21.68	20.3	25.7	PASS
3	20	19575	18	#0	QPSK	22.30	20.3	25.7	PASS
3	20	19575	18	#Max	QPSK	21.86	20.3	25.7	PASS
3	20	19850	1	#0	QPSK	21.21	20.3	25.7	PASS
3	20	19850	1	#Max	QPSK	21.79	20.3	25.7	PASS
3	20	19850	18	#0	QPSK	21.40	20.3	25.7	PASS
3	20	19850	18	#Max	QPSK	21.78	20.3	25.7	PASS

Clause 4.2.5 LTE Transmitter minimum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Limit (dBm)	Verdict
3	1.4	19207	6	#0	QPSK	-50.19	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.36	-39	PASS
3	1.4	19943	6	#0	QPSK	-50.18	-39	PASS
3	5	19225	25	#0	QPSK	-49.89	-39	PASS
3	5	19575	25	#0	QPSK	-49.04	-39	PASS
3	5	19925	25	#0	QPSK	-49.75	-39	PASS
3	20	19300	100	#0	QPSK	-49.67	-39	PASS
3	20	19575	100	#0	QPSK	-48.73	-39	PASS
3	20	19850	100	#0	QPSK	-48.53	-39	PASS
7	5	20775	25	#0	QPSK	-49.65	-39	PASS
7	5	21100	25	#0	QPSK	-49.67	-39	PASS
7	5	21425	25	#0	QPSK	-49.26	-39	PASS
7	20	20850	100	#0	QPSK	-48.91	-39	PASS
7	20	21100	100	#0	QPSK	-48.90	-39	PASS
7	20	21350	100	#0	QPSK	-48.71	-39	PASS
8	1.4	21457	6	#0	QPSK	-50.12	-39	PASS

8	1.4	21625	6	#0	QPSK	-50.07	-39	PASS
8	1.4	21793	6	#0	QPSK	-50.23	-39	PASS
8	5	21475	25	#0	QPSK	-50.22	-39	PASS
8	5	21625	25	#0	QPSK	-49.77	-39	PASS
8	5	21775	25	#0	QPSK	-49.82	-39	PASS
8	10	21500	50	#0	QPSK	-49.47	-39	PASS
8	10	21625	50	#0	QPSK	-49.53	-39	PASS
8	10	21750	50	#0	QPSK	-49.35	-39	PASS
20	5	24175	25	#0	QPSK	-50.20	-39	PASS
20	5	24300	25	#0	QPSK	-49.91	-39	PASS
20	5	24425	25	#0	QPSK	-50.05	-39	PASS
20	20	24250	100	#0	QPSK	-49.52	-39	PASS
20	20	24300	100	#0	QPSK	-49.36	-39	PASS
20	20	24350	100	#0	QPSK	-50.23	-39	PASS
1	5	18025	25	#0	QPSK	-49.50	-39	PASS
1	5	18300	25	#0	QPSK	-49.07	-39	PASS
1	5	18575	25	#0	QPSK	-49.23	-39	PASS
1	20	18100	100	#0	QPSK	-49.35	-39	PASS
1	20	18300	100	#0	QPSK	-48.38	-39	PASS
1	20	18500	100	#0	QPSK	-48.43	-39	PASS

Clause 4.2.11 LTE Transmitter adjacent channel leakage power ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Type	ACLR (dBc)	Limit (dBc)	Verdict
3	1.4	19207	5	#0	QPSK		41.96	32.2	PASS
3	1.4	19207	5	#0	QPSK		36.96	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		39.22	29.2	PASS
3	1.4	19207	5	#0	QPSK		44.73	32.2	PASS
3	1.4	19207	5	#Max	QPSK		44.52	32.2	PASS
3	1.4	19207	5	#Max	QPSK		39.16	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		36.99	29.2	PASS
3	1.4	19207	5	#Max	QPSK		42.14	32.2	PASS
3	1.4	19207	6	#0	QPSK		44.10	32.2	PASS
3	1.4	19207	6	#0	QPSK		41.60	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		41.36	29.2	PASS
3	1.4	19207	6	#0	QPSK		43.90	32.2	PASS
3	1.4	19207	5	#0	QAM16		44.43	32.2	PASS
3	1.4	19207	5	#0	QAM16		40.03	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		41.86	29.2	PASS
3	1.4	19207	5	#0	QAM16		46.28	32.2	PASS

3	1.4	19207	5	#Max	QAM16		46.46	32.2	PASS
3	1.4	19207	5	#Max	QAM16		41.94	29.2	PASS
3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		39.66	29.2	PASS
3	1.4	19207	5	#Max	QAM16		44.28	32.2	PASS
3	1.4	19207	6	#0	QAM16		45.38	32.2	PASS
3	1.4	19207	6	#0	QAM16		43.28	29.2	PASS
3	1.4	19207	6	#0	QAM16		0.00	0	PASS
3	1.4	19207	6	#0	QAM16		42.77	29.2	PASS
3	1.4	19207	6	#0	QAM16		45.05	32.2	PASS
3	1.4	19575	5	#0	QPSK		45.66	32.2	PASS
3	1.4	19575	5	#0	QPSK		41.90	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		43.51	29.2	PASS
3	1.4	19575	5	#0	QPSK		47.52	32.2	PASS
3	1.4	19575	5	#Max	QPSK		47.39	32.2	PASS
3	1.4	19575	5	#Max	QPSK		43.39	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		41.45	29.2	PASS
3	1.4	19575	5	#Max	QPSK		45.53	32.2	PASS
3	1.4	19575	6	#0	QPSK		48.25	32.2	PASS
3	1.4	19575	6	#0	QPSK		47.58	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		47.54	29.2	PASS
3	1.4	19575	6	#0	QPSK		48.43	32.2	PASS
3	1.4	19575	5	#0	QAM16		47.03	32.2	PASS
3	1.4	19575	5	#0	QAM16		43.84	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		45.49	29.2	PASS
3	1.4	19575	5	#0	QAM16		48.68	32.2	PASS
3	1.4	19575	5	#Max	QAM16		48.39	32.2	PASS
3	1.4	19575	5	#Max	QAM16		45.43	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		43.83	29.2	PASS
3	1.4	19575	5	#Max	QAM16		47.27	32.2	PASS
3	1.4	19575	6	#0	QAM16		47.90	32.2	PASS
3	1.4	19575	6	#0	QAM16		46.93	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		46.72	29.2	PASS
3	1.4	19575	6	#0	QAM16		47.99	32.2	PASS
3	1.4	19943	5	#0	QPSK		41.64	32.2	PASS
3	1.4	19943	5	#0	QPSK		35.54	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS

3	1.4	19943	5	#0	QPSK		39.15	29.2	PASS
3	1.4	19943	5	#0	QPSK		45.15	32.2	PASS
3	1.4	19943	5	#Max	QPSK		44.17	32.2	PASS
3	1.4	19943	5	#Max	QPSK		38.34	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		35.75	29.2	PASS
3	1.4	19943	5	#Max	QPSK		42.28	32.2	PASS
3	1.4	19943	6	#0	QPSK		43.39	32.2	PASS
3	1.4	19943	6	#0	QPSK		39.58	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		40.18	29.2	PASS
3	1.4	19943	6	#0	QPSK		44.07	32.2	PASS
3	1.4	19943	5	#0	QAM16		42.79	32.2	PASS
3	1.4	19943	5	#0	QAM16		37.05	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		45.62	32.2	PASS
3	1.4	19943	5	#Max	QAM16		45.25	32.2	PASS
3	1.4	19943	5	#Max	QAM16		39.97	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		37.12	29.2	PASS
3	1.4	19943	5	#Max	QAM16		43.05	32.2	PASS
3	1.4	19943	6	#0	QAM16		45.47	32.2	PASS
3	1.4	19943	6	#0	QAM16		42.90	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		43.22	29.2	PASS
3	1.4	19943	6	#0	QAM16		45.90	32.2	PASS
3	5	19225	8	#0	QPSK		52.33	35.2	PASS
3	5	19225	8	#0	QPSK		41.23	32.2	PASS
3	5	19225	8	#0	QPSK		39.08	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		46.69	29.2	PASS
3	5	19225	8	#0	QPSK		47.10	32.2	PASS
3	5	19225	8	#0	QPSK		52.81	35.2	PASS
3	5	19225	8	#Max	QPSK		52.36	35.2	PASS
3	5	19225	8	#Max	QPSK		46.84	32.2	PASS
3	5	19225	8	#Max	QPSK		46.44	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		37.63	29.2	PASS
3	5	19225	8	#Max	QPSK		39.99	32.2	PASS
3	5	19225	8	#Max	QPSK		52.60	35.2	PASS
3	5	19225	25	#0	QPSK		50.30	35.2	PASS
3	5	19225	25	#0	QPSK		41.27	32.2	PASS

3	5	19225	25	#0	QPSK		40.47	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS
3	5	19225	25	#0	QPSK		40.22	29.2	PASS
3	5	19225	25	#0	QPSK		41.02	32.2	PASS
3	5	19225	25	#0	QPSK		50.55	35.2	PASS
3	5	19225	8	#0	QAM16		51.36	35.2	PASS
3	5	19225	8	#0	QAM16		43.68	32.2	PASS
3	5	19225	8	#0	QAM16		41.52	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		46.74	29.2	PASS
3	5	19225	8	#0	QAM16		47.15	32.2	PASS
3	5	19225	8	#0	QAM16		51.76	35.2	PASS
3	5	19225	8	#Max	QAM16		51.37	35.2	PASS
3	5	19225	8	#Max	QAM16		46.94	32.2	PASS
3	5	19225	8	#Max	QAM16		46.52	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		40.75	29.2	PASS
3	5	19225	8	#Max	QAM16		43.02	32.2	PASS
3	5	19225	8	#Max	QAM16		51.70	35.2	PASS
3	5	19225	25	#0	QAM16		49.84	35.2	PASS
3	5	19225	25	#0	QAM16		42.61	32.2	PASS
3	5	19225	25	#0	QAM16		41.75	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		41.48	29.2	PASS
3	5	19225	25	#0	QAM16		42.30	32.2	PASS
3	5	19225	25	#0	QAM16		50.12	35.2	PASS
3	5	19575	8	#0	QPSK		53.53	35.2	PASS
3	5	19575	8	#0	QPSK		44.31	32.2	PASS
3	5	19575	8	#0	QPSK		42.30	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		47.13	29.2	PASS
3	5	19575	8	#0	QPSK		47.48	32.2	PASS
3	5	19575	8	#0	QPSK		53.94	35.2	PASS
3	5	19575	8	#Max	QPSK		53.51	35.2	PASS
3	5	19575	8	#Max	QPSK		47.26	32.2	PASS
3	5	19575	8	#Max	QPSK		46.87	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		43.30	29.2	PASS
3	5	19575	8	#Max	QPSK		45.44	32.2	PASS
3	5	19575	8	#Max	QPSK		53.66	35.2	PASS
3	5	19575	25	#0	QPSK		51.79	35.2	PASS
3	5	19575	25	#0	QPSK		45.91	32.2	PASS
3	5	19575	25	#0	QPSK		45.00	29.2	PASS

3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		44.99	29.2	PASS
3	5	19575	25	#0	QPSK		45.92	32.2	PASS
3	5	19575	25	#0	QPSK		52.20	35.2	PASS
3	5	19575	8	#0	QAM16		52.57	35.2	PASS
3	5	19575	8	#0	QAM16		45.21	32.2	PASS
3	5	19575	8	#0	QAM16		43.23	29.2	PASS
3	5	19575	8	#0	QAM16		0.00	0	PASS
3	5	19575	8	#0	QAM16		47.13	29.2	PASS
3	5	19575	8	#0	QAM16		47.53	32.2	PASS
3	5	19575	8	#0	QAM16		52.94	35.2	PASS
3	5	19575	8	#Max	QAM16		52.57	35.2	PASS
3	5	19575	8	#Max	QAM16		47.28	32.2	PASS
3	5	19575	8	#Max	QAM16		46.88	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		43.98	29.2	PASS
3	5	19575	8	#Max	QAM16		46.17	32.2	PASS
3	5	19575	8	#Max	QAM16		52.80	35.2	PASS
3	5	19575	25	#0	QAM16		50.96	35.2	PASS
3	5	19575	25	#0	QAM16		44.88	32.2	PASS
3	5	19575	25	#0	QAM16		43.90	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		44.06	29.2	PASS
3	5	19575	25	#0	QAM16		44.99	32.2	PASS
3	5	19575	25	#0	QAM16		51.38	35.2	PASS
3	5	19925	8	#0	QPSK		53.44	35.2	PASS
3	5	19925	8	#0	QPSK		38.47	32.2	PASS
3	5	19925	8	#0	QPSK		35.64	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		49.08	29.2	PASS
3	5	19925	8	#0	QPSK		49.57	32.2	PASS
3	5	19925	8	#0	QPSK		53.97	35.2	PASS
3	5	19925	8	#Max	QPSK		53.56	35.2	PASS
3	5	19925	8	#Max	QPSK		45.57	32.2	PASS
3	5	19925	8	#Max	QPSK		45.24	29.2	PASS
3	5	19925	8	#Max	QPSK		0.00	0	PASS
3	5	19925	8	#Max	QPSK		36.36	29.2	PASS
3	5	19925	8	#Max	QPSK		39.47	32.2	PASS
3	5	19925	8	#Max	QPSK		53.62	35.2	PASS
3	5	19925	25	#0	QPSK		50.81	35.2	PASS
3	5	19925	25	#0	QPSK		39.39	32.2	PASS
3	5	19925	25	#0	QPSK		38.62	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS

3	5	19925	25	#0	QPSK		40.60	29.2	PASS
3	5	19925	25	#0	QPSK		41.52	32.2	PASS
3	5	19925	25	#0	QPSK		52.27	35.2	PASS
3	5	19925	8	#0	QAM16		52.47	35.2	PASS
3	5	19925	8	#0	QAM16		42.17	32.2	PASS
3	5	19925	8	#0	QAM16		39.66	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		49.00	29.2	PASS
3	5	19925	8	#0	QAM16		49.50	32.2	PASS
3	5	19925	8	#0	QAM16		52.93	35.2	PASS
3	5	19925	8	#Max	QAM16		52.47	35.2	PASS
3	5	19925	8	#Max	QAM16		45.92	32.2	PASS
3	5	19925	8	#Max	QAM16		45.56	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		40.35	29.2	PASS
3	5	19925	8	#Max	QAM16		43.24	32.2	PASS
3	5	19925	8	#Max	QAM16		52.77	35.2	PASS
3	5	19925	25	#0	QAM16		50.18	35.2	PASS
3	5	19925	25	#0	QAM16		40.64	32.2	PASS
3	5	19925	25	#0	QAM16		39.89	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		41.84	29.2	PASS
3	5	19925	25	#0	QAM16		42.69	32.2	PASS
3	5	19925	25	#0	QAM16		51.48	35.2	PASS
3	10	19250	12	#0	QPSK		53.76	35.2	PASS
3	10	19250	12	#0	QPSK		40.24	32.2	PASS
3	10	19250	12	#0	QPSK		39.72	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.84	29.2	PASS
3	10	19250	12	#0	QPSK		50.41	32.2	PASS
3	10	19250	12	#0	QPSK		49.89	35.2	PASS
3	10	19250	12	#Max	QPSK		51.03	35.2	PASS
3	10	19250	12	#Max	QPSK		50.97	32.2	PASS
3	10	19250	12	#Max	QPSK		46.85	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		41.32	29.2	PASS
3	10	19250	12	#Max	QPSK		41.87	32.2	PASS
3	10	19250	12	#Max	QPSK		54.25	35.2	PASS
3	10	19250	50	#0	QPSK		45.95	35.2	PASS
3	10	19250	50	#0	QPSK		42.84	32.2	PASS
3	10	19250	50	#0	QPSK		40.48	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		40.20	29.2	PASS

3	10	19250	50	#0	QPSK		42.48	32.2	PASS
3	10	19250	50	#0	QPSK		45.91	35.2	PASS
3	10	19250	12	#0	QAM16		53.00	35.2	PASS
3	10	19250	12	#0	QAM16		41.73	32.2	PASS
3	10	19250	12	#0	QAM16		40.91	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		45.77	29.2	PASS
3	10	19250	12	#0	QAM16		50.29	32.2	PASS
3	10	19250	12	#0	QAM16		49.79	35.2	PASS
3	10	19250	12	#Max	QAM16		50.82	35.2	PASS
3	10	19250	12	#Max	QAM16		50.64	32.2	PASS
3	10	19250	12	#Max	QAM16		46.64	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		42.06	29.2	PASS
3	10	19250	12	#Max	QAM16		42.90	32.2	PASS
3	10	19250	12	#Max	QAM16		53.42	35.2	PASS
3	10	19250	50	#0	QAM16		46.83	35.2	PASS
3	10	19250	50	#0	QAM16		43.52	32.2	PASS
3	10	19250	50	#0	QAM16		41.17	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		40.86	29.2	PASS
3	10	19250	50	#0	QAM16		43.09	32.2	PASS
3	10	19250	50	#0	QAM16		46.83	35.2	PASS
3	10	19575	12	#0	QPSK		53.04	35.2	PASS
3	10	19575	12	#0	QPSK		42.49	32.2	PASS
3	10	19575	12	#0	QPSK		41.77	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		46.00	29.2	PASS
3	10	19575	12	#0	QPSK		50.39	32.2	PASS
3	10	19575	12	#0	QPSK		49.94	35.2	PASS
3	10	19575	12	#Max	QPSK		50.24	35.2	PASS
3	10	19575	12	#Max	QPSK		50.12	32.2	PASS
3	10	19575	12	#Max	QPSK		46.05	29.2	PASS
3	10	19575	12	#Max	QPSK		0.00	0	PASS
3	10	19575	12	#Max	QPSK		43.65	29.2	PASS
3	10	19575	12	#Max	QPSK		44.59	32.2	PASS
3	10	19575	12	#Max	QPSK		53.48	35.2	PASS
3	10	19575	50	#0	QPSK		48.60	35.2	PASS
3	10	19575	50	#0	QPSK		46.61	32.2	PASS
3	10	19575	50	#0	QPSK		43.80	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		44.21	29.2	PASS
3	10	19575	50	#0	QPSK		46.74	32.2	PASS

3	10	19575	50	#0	QPSK		49.56	35.2	PASS
3	10	19575	12	#0	QAM16		52.15	35.2	PASS
3	10	19575	12	#0	QAM16		43.77	32.2	PASS
3	10	19575	12	#0	QAM16		42.69	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		46.03	29.2	PASS
3	10	19575	12	#0	QAM16		50.20	32.2	PASS
3	10	19575	12	#0	QAM16		50.20	35.2	PASS
3	10	19575	12	#Max	QAM16		49.92	35.2	PASS
3	10	19575	12	#Max	QAM16		50.06	32.2	PASS
3	10	19575	12	#Max	QAM16		45.87	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		44.10	29.2	PASS
3	10	19575	12	#Max	QAM16		45.33	32.2	PASS
3	10	19575	12	#Max	QAM16		52.66	35.2	PASS
3	10	19575	50	#0	QAM16		48.24	35.2	PASS
3	10	19575	50	#0	QAM16		45.45	32.2	PASS
3	10	19575	50	#0	QAM16		42.92	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		43.39	29.2	PASS
3	10	19575	50	#0	QAM16		45.69	32.2	PASS
3	10	19575	50	#0	QAM16		49.18	35.2	PASS
3	10	19900	12	#0	QPSK		52.92	35.2	PASS
3	10	19900	12	#0	QPSK		44.93	32.2	PASS
3	10	19900	12	#0	QPSK		43.86	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		47.20	29.2	PASS
3	10	19900	12	#0	QPSK		51.38	32.2	PASS
3	10	19900	12	#0	QPSK		51.36	35.2	PASS
3	10	19900	12	#Max	QPSK		50.16	35.2	PASS
3	10	19900	12	#Max	QPSK		49.55	32.2	PASS
3	10	19900	12	#Max	QPSK		45.73	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		39.32	29.2	PASS
3	10	19900	12	#Max	QPSK		39.96	32.2	PASS
3	10	19900	12	#Max	QPSK		53.62	35.2	PASS
3	10	19900	50	#0	QPSK		48.21	35.2	PASS
3	10	19900	50	#0	QPSK		45.63	32.2	PASS
3	10	19900	50	#0	QPSK		43.09	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		44.12	29.2	PASS
3	10	19900	50	#0	QPSK		46.17	32.2	PASS
3	10	19900	50	#0	QPSK		50.51	35.2	PASS

3	10	19900	12	#0	QAM16		52.13	35.2	PASS
3	10	19900	12	#0	QAM16		45.58	32.2	PASS
3	10	19900	12	#0	QAM16		44.26	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		46.91	29.2	PASS
3	10	19900	12	#0	QAM16		50.96	32.2	PASS
3	10	19900	12	#0	QAM16		51.02	35.2	PASS
3	10	19900	12	#Max	QAM16		49.76	35.2	PASS
3	10	19900	12	#Max	QAM16		49.38	32.2	PASS
3	10	19900	12	#Max	QAM16		45.49	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		41.18	29.2	PASS
3	10	19900	12	#Max	QAM16		42.03	32.2	PASS
3	10	19900	12	#Max	QAM16		52.72	35.2	PASS
3	10	19900	50	#0	QAM16		47.81	35.2	PASS
3	10	19900	50	#0	QAM16		44.44	32.2	PASS
3	10	19900	50	#0	QAM16		42.16	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		43.25	29.2	PASS
3	10	19900	50	#0	QAM16		45.24	32.2	PASS
3	10	19900	50	#0	QAM16		49.74	35.2	PASS
3	20	19300	18	#0	QPSK		50.74	35.2	PASS
3	20	19300	18	#0	QPSK		40.05	32.2	PASS
3	20	19300	18	#0	QPSK		40.20	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		42.94	29.2	PASS
3	20	19300	18	#0	QPSK		52.13	32.2	PASS
3	20	19300	18	#0	QPSK		51.10	35.2	PASS
3	20	19300	18	#Max	QPSK		50.90	35.2	PASS
3	20	19300	18	#Max	QPSK		51.54	32.2	PASS
3	20	19300	18	#Max	QPSK		44.45	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		42.94	29.2	PASS
3	20	19300	18	#Max	QPSK		44.58	32.2	PASS
3	20	19300	18	#Max	QPSK		51.52	35.2	PASS
3	20	19300	100	#0	QPSK		47.02	35.2	PASS
3	20	19300	100	#0	QPSK		45.97	32.2	PASS
3	20	19300	100	#0	QPSK		40.95	29.2	PASS
3	20	19300	100	#0	QPSK		0.00	0	PASS
3	20	19300	100	#0	QPSK		40.94	29.2	PASS
3	20	19300	100	#0	QPSK		46.27	32.2	PASS
3	20	19300	100	#0	QPSK		47.21	35.2	PASS
3	20	19300	18	#0	QAM16		49.97	35.2	PASS

3	20	19300	18	#0	QAM16		41.49	32.2	PASS
3	20	19300	18	#0	QAM16		40.93	29.2	PASS
3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		42.63	29.2	PASS
3	20	19300	18	#0	QAM16		51.21	32.2	PASS
3	20	19300	18	#0	QAM16		50.68	35.2	PASS
3	20	19300	18	#Max	QAM16		50.01	35.2	PASS
3	20	19300	18	#Max	QAM16		50.59	32.2	PASS
3	20	19300	18	#Max	QAM16		43.71	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		42.68	29.2	PASS
3	20	19300	18	#Max	QAM16		44.84	32.2	PASS
3	20	19300	18	#Max	QAM16		50.79	35.2	PASS
3	20	19300	100	#0	QAM16		46.30	35.2	PASS
3	20	19300	100	#0	QAM16		45.11	32.2	PASS
3	20	19300	100	#0	QAM16		40.26	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		40.18	29.2	PASS
3	20	19300	100	#0	QAM16		45.31	32.2	PASS
3	20	19300	100	#0	QAM16		46.36	35.2	PASS
3	20	19575	18	#0	QPSK		51.98	35.2	PASS
3	20	19575	18	#0	QPSK		43.08	32.2	PASS
3	20	19575	18	#0	QPSK		42.44	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		44.72	29.2	PASS
3	20	19575	18	#0	QPSK		53.48	32.2	PASS
3	20	19575	18	#0	QPSK		52.71	35.2	PASS
3	20	19575	18	#Max	QPSK		51.57	35.2	PASS
3	20	19575	18	#Max	QPSK		52.13	32.2	PASS
3	20	19575	18	#Max	QPSK		44.93	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		44.29	29.2	PASS
3	20	19575	18	#Max	QPSK		46.16	32.2	PASS
3	20	19575	18	#Max	QPSK		52.61	35.2	PASS
3	20	19575	100	#0	QPSK		48.20	35.2	PASS
3	20	19575	100	#0	QPSK		46.72	32.2	PASS
3	20	19575	100	#0	QPSK		41.94	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		42.66	29.2	PASS
3	20	19575	100	#0	QPSK		47.74	32.2	PASS
3	20	19575	100	#0	QPSK		49.27	35.2	PASS
3	20	19575	18	#0	QAM16		51.11	35.2	PASS
3	20	19575	18	#0	QAM16		43.66	32.2	PASS

3	20	19575	18	#0	QAM16		42.53	29.2	PASS
3	20	19575	18	#0	QAM16		0.00	0	PASS
3	20	19575	18	#0	QAM16		44.31	29.2	PASS
3	20	19575	18	#0	QAM16		52.42	32.2	PASS
3	20	19575	18	#0	QAM16		52.15	35.2	PASS
3	20	19575	18	#Max	QAM16		50.72	35.2	PASS
3	20	19575	18	#Max	QAM16		51.22	32.2	PASS
3	20	19575	18	#Max	QAM16		44.26	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		43.82	29.2	PASS
3	20	19575	18	#Max	QAM16		46.26	32.2	PASS
3	20	19575	18	#Max	QAM16		51.79	35.2	PASS
3	20	19575	100	#0	QAM16		47.91	35.2	PASS
3	20	19575	100	#0	QAM16		46.54	32.2	PASS
3	20	19575	100	#0	QAM16		41.74	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		42.28	29.2	PASS
3	20	19575	100	#0	QAM16		47.44	32.2	PASS
3	20	19575	100	#0	QAM16		48.75	35.2	PASS
3	20	19850	18	#0	QPSK		51.39	35.2	PASS
3	20	19850	18	#0	QPSK		48.64	32.2	PASS
3	20	19850	18	#0	QPSK		44.86	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		46.52	29.2	PASS
3	20	19850	18	#0	QPSK		52.97	32.2	PASS
3	20	19850	18	#0	QPSK		53.17	35.2	PASS
3	20	19850	18	#Max	QPSK		51.57	35.2	PASS
3	20	19850	18	#Max	QPSK		52.42	32.2	PASS
3	20	19850	18	#Max	QPSK		44.79	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		41.66	29.2	PASS
3	20	19850	18	#Max	QPSK		40.96	32.2	PASS
3	20	19850	18	#Max	QPSK		52.92	35.2	PASS
3	20	19850	100	#0	QPSK		49.21	35.2	PASS
3	20	19850	100	#0	QPSK		48.47	32.2	PASS
3	20	19850	100	#0	QPSK		43.14	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		44.82	29.2	PASS
3	20	19850	100	#0	QPSK		49.55	32.2	PASS
3	20	19850	100	#0	QPSK		51.55	35.2	PASS
3	20	19850	18	#0	QAM16		50.50	35.2	PASS
3	20	19850	18	#0	QAM16		48.41	32.2	PASS
3	20	19850	18	#0	QAM16		44.14	29.2	PASS

3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		45.59	29.2	PASS
3	20	19850	18	#0	QAM16		52.12	32.2	PASS
3	20	19850	18	#0	QAM16		52.23	35.2	PASS
3	20	19850	18	#Max	QAM16		50.90	35.2	PASS
3	20	19850	18	#Max	QAM16		51.45	32.2	PASS
3	20	19850	18	#Max	QAM16		44.26	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		42.75	29.2	PASS
3	20	19850	18	#Max	QAM16		43.15	32.2	PASS
3	20	19850	18	#Max	QAM16		52.22	35.2	PASS
3	20	19850	100	#0	QAM16		48.47	35.2	PASS
3	20	19850	100	#0	QAM16		47.80	32.2	PASS
3	20	19850	100	#0	QAM16		42.46	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		43.82	29.2	PASS
3	20	19850	100	#0	QAM16		48.71	32.2	PASS
3	20	19850	100	#0	QAM16		50.54	35.2	PASS
7	5	20775	8	#0	QPSK		53.05	35.2	PASS
7	5	20775	8	#0	QPSK		39.40	32.2	PASS
7	5	20775	8	#0	QPSK		36.75	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		46.36	29.2	PASS
7	5	20775	8	#0	QPSK		46.66	32.2	PASS
7	5	20775	8	#0	QPSK		53.60	35.2	PASS
7	5	20775	8	#Max	QPSK		53.06	35.2	PASS
7	5	20775	8	#Max	QPSK		47.03	32.2	PASS
7	5	20775	8	#Max	QPSK		46.70	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		38.27	29.2	PASS
7	5	20775	8	#Max	QPSK		40.66	32.2	PASS
7	5	20775	8	#Max	QPSK		53.24	35.2	PASS
7	5	20775	25	#0	QPSK		51.10	35.2	PASS
7	5	20775	25	#0	QPSK		42.08	32.2	PASS
7	5	20775	25	#0	QPSK		41.31	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		41.08	29.2	PASS
7	5	20775	25	#0	QPSK		41.85	32.2	PASS
7	5	20775	25	#0	QPSK		51.16	35.2	PASS
7	5	20775	8	#0	QAM16		52.04	35.2	PASS
7	5	20775	8	#0	QAM16		42.58	32.2	PASS
7	5	20775	8	#0	QAM16		40.41	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS

7	5	20775	8	#0	QAM16		46.69	29.2	PASS
7	5	20775	8	#0	QAM16		47.02	32.2	PASS
7	5	20775	8	#0	QAM16		52.60	35.2	PASS
7	5	20775	8	#Max	QAM16		52.03	35.2	PASS
7	5	20775	8	#Max	QAM16		47.37	32.2	PASS
7	5	20775	8	#Max	QAM16		47.00	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		41.55	29.2	PASS
7	5	20775	8	#Max	QAM16		43.65	32.2	PASS
7	5	20775	8	#Max	QAM16		52.36	35.2	PASS
7	5	20775	25	#0	QAM16		50.36	35.2	PASS
7	5	20775	25	#0	QAM16		42.47	32.2	PASS
7	5	20775	25	#0	QAM16		41.68	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		41.55	29.2	PASS
7	5	20775	25	#0	QAM16		42.31	32.2	PASS
7	5	20775	25	#0	QAM16		50.52	35.2	PASS
7	5	21100	8	#0	QPSK		53.32	35.2	PASS
7	5	21100	8	#0	QPSK		43.31	32.2	PASS
7	5	21100	8	#0	QPSK		41.59	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		46.82	29.2	PASS
7	5	21100	8	#0	QPSK		47.16	32.2	PASS
7	5	21100	8	#0	QPSK		53.80	35.2	PASS
7	5	21100	8	#Max	QPSK		53.39	35.2	PASS
7	5	21100	8	#Max	QPSK		47.22	32.2	PASS
7	5	21100	8	#Max	QPSK		46.88	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		41.39	29.2	PASS
7	5	21100	8	#Max	QPSK		43.22	32.2	PASS
7	5	21100	8	#Max	QPSK		53.67	35.2	PASS
7	5	21100	25	#0	QPSK		51.28	35.2	PASS
7	5	21100	25	#0	QPSK		43.46	32.2	PASS
7	5	21100	25	#0	QPSK		42.69	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		42.71	29.2	PASS
7	5	21100	25	#0	QPSK		43.49	32.2	PASS
7	5	21100	25	#0	QPSK		51.61	35.2	PASS
7	5	21100	8	#0	QAM16		52.40	35.2	PASS
7	5	21100	8	#0	QAM16		45.44	32.2	PASS
7	5	21100	8	#0	QAM16		43.80	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		47.02	29.2	PASS

7	5	21100	8	#0	QAM16		47.37	32.2	PASS
7	5	21100	8	#0	QAM16		52.84	35.2	PASS
7	5	21100	8	#Max	QAM16		52.40	35.2	PASS
7	5	21100	8	#Max	QAM16		47.46	32.2	PASS
7	5	21100	8	#Max	QAM16		47.09	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		43.91	29.2	PASS
7	5	21100	8	#Max	QAM16		45.65	32.2	PASS
7	5	21100	8	#Max	QAM16		52.77	35.2	PASS
7	5	21100	25	#0	QAM16		50.95	35.2	PASS
7	5	21100	25	#0	QAM16		44.50	32.2	PASS
7	5	21100	25	#0	QAM16		43.74	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		43.85	29.2	PASS
7	5	21100	25	#0	QAM16		44.62	32.2	PASS
7	5	21100	25	#0	QAM16		51.19	35.2	PASS
7	5	21425	8	#0	QPSK		53.23	35.2	PASS
7	5	21425	8	#0	QPSK		41.90	32.2	PASS
7	5	21425	8	#0	QPSK		39.74	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		46.52	29.2	PASS
7	5	21425	8	#0	QPSK		46.83	32.2	PASS
7	5	21425	8	#0	QPSK		53.73	35.2	PASS
7	5	21425	8	#Max	QPSK		53.37	35.2	PASS
7	5	21425	8	#Max	QPSK		46.52	32.2	PASS
7	5	21425	8	#Max	QPSK		46.21	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		41.35	29.2	PASS
7	5	21425	8	#Max	QPSK		43.42	32.2	PASS
7	5	21425	8	#Max	QPSK		53.72	35.2	PASS
7	5	21425	25	#0	QPSK		51.22	35.2	PASS
7	5	21425	25	#0	QPSK		44.13	32.2	PASS
7	5	21425	25	#0	QPSK		43.38	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		44.45	29.2	PASS
7	5	21425	25	#0	QPSK		45.23	32.2	PASS
7	5	21425	25	#0	QPSK		51.76	35.2	PASS
7	5	21425	8	#0	QAM16		52.27	35.2	PASS
7	5	21425	8	#0	QAM16		43.04	32.2	PASS
7	5	21425	8	#0	QAM16		40.95	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		46.50	29.2	PASS
7	5	21425	8	#0	QAM16		46.83	32.2	PASS

7	5	21425	8	#0	QAM16	52.84	35.2	PASS
7	5	21425	8	#Max	QAM16	52.47	35.2	PASS
7	5	21425	8	#Max	QAM16	46.63	32.2	PASS
7	5	21425	8	#Max	QAM16	46.29	29.2	PASS
7	5	21425	8	#Max	QAM16	0.00	0	PASS
7	5	21425	8	#Max	QAM16	42.46	29.2	PASS
7	5	21425	8	#Max	QAM16	44.56	32.2	PASS
7	5	21425	8	#Max	QAM16	52.83	35.2	PASS
7	5	21425	25	#0	QAM16	50.64	35.2	PASS
7	5	21425	25	#0	QAM16	43.55	32.2	PASS
7	5	21425	25	#0	QAM16	42.77	29.2	PASS
7	5	21425	25	#0	QAM16	0.00	0	PASS
7	5	21425	25	#0	QAM16	43.80	29.2	PASS
7	5	21425	25	#0	QAM16	44.61	32.2	PASS
7	5	21425	25	#0	QAM16	51.06	35.2	PASS
7	10	20800	12	#0	QPSK	53.60	35.2	PASS
7	10	20800	12	#0	QPSK	38.48	32.2	PASS
7	10	20800	12	#0	QPSK	37.96	29.2	PASS
7	10	20800	12	#0	QPSK	0.00	0	PASS
7	10	20800	12	#0	QPSK	45.47	29.2	PASS
7	10	20800	12	#0	QPSK	50.22	32.2	PASS
7	10	20800	12	#0	QPSK	49.39	35.2	PASS
7	10	20800	12	#Max	QPSK	50.23	35.2	PASS
7	10	20800	12	#Max	QPSK	51.03	32.2	PASS
7	10	20800	12	#Max	QPSK	46.37	29.2	PASS
7	10	20800	12	#Max	QPSK	0.00	0	PASS
7	10	20800	12	#Max	QPSK	40.77	29.2	PASS
7	10	20800	12	#Max	QPSK	41.34	32.2	PASS
7	10	20800	12	#Max	QPSK	54.09	35.2	PASS
7	10	20800	50	#0	QPSK	46.66	35.2	PASS
7	10	20800	50	#0	QPSK	43.36	32.2	PASS
7	10	20800	50	#0	QPSK	41.05	29.2	PASS
7	10	20800	50	#0	QPSK	0.00	0	PASS
7	10	20800	50	#0	QPSK	40.87	29.2	PASS
7	10	20800	50	#0	QPSK	43.24	32.2	PASS
7	10	20800	50	#0	QPSK	46.30	35.2	PASS
7	10	20800	12	#0	QAM16	52.42	35.2	PASS
7	10	20800	12	#0	QAM16	41.97	32.2	PASS
7	10	20800	12	#0	QAM16	41.09	29.2	PASS
7	10	20800	12	#0	QAM16	0.00	0	PASS
7	10	20800	12	#0	QAM16	45.52	29.2	PASS
7	10	20800	12	#0	QAM16	50.15	32.2	PASS
7	10	20800	12	#0	QAM16	49.42	35.2	PASS

7	10	20800	12	#Max	QAM16		50.19	35.2	PASS
7	10	20800	12	#Max	QAM16		50.59	32.2	PASS
7	10	20800	12	#Max	QAM16		46.26	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		43.10	29.2	PASS
7	10	20800	12	#Max	QAM16		44.12	32.2	PASS
7	10	20800	12	#Max	QAM16		52.85	35.2	PASS
7	10	20800	50	#0	QAM16		47.61	35.2	PASS
7	10	20800	50	#0	QAM16		44.65	32.2	PASS
7	10	20800	50	#0	QAM16		42.18	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		42.23	29.2	PASS
7	10	20800	50	#0	QAM16		44.80	32.2	PASS
7	10	20800	50	#0	QAM16		47.46	35.2	PASS
7	10	21100	12	#0	QPSK		52.77	35.2	PASS
7	10	21100	12	#0	QPSK		42.20	32.2	PASS
7	10	21100	12	#0	QPSK		41.46	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		45.68	29.2	PASS
7	10	21100	12	#0	QPSK		50.30	32.2	PASS
7	10	21100	12	#0	QPSK		49.51	35.2	PASS
7	10	21100	12	#Max	QPSK		49.51	35.2	PASS
7	10	21100	12	#Max	QPSK		50.28	32.2	PASS
7	10	21100	12	#Max	QPSK		45.70	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		41.75	29.2	PASS
7	10	21100	12	#Max	QPSK		42.50	32.2	PASS
7	10	21100	12	#Max	QPSK		53.47	35.2	PASS
7	10	21100	50	#0	QPSK		47.68	35.2	PASS
7	10	21100	50	#0	QPSK		45.69	32.2	PASS
7	10	21100	50	#0	QPSK		42.90	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		43.28	29.2	PASS
7	10	21100	50	#0	QPSK		45.97	32.2	PASS
7	10	21100	50	#0	QPSK		48.27	35.2	PASS
7	10	21100	12	#0	QAM16		51.90	35.2	PASS
7	10	21100	12	#0	QAM16		43.59	32.2	PASS
7	10	21100	12	#0	QAM16		42.47	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		45.71	29.2	PASS
7	10	21100	12	#0	QAM16		50.12	32.2	PASS
7	10	21100	12	#0	QAM16		49.76	35.2	PASS
7	10	21100	12	#Max	QAM16		49.34	35.2	PASS

7	10	21100	12	#Max	QAM16		50.30	32.2	PASS
7	10	21100	12	#Max	QAM16		45.64	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		42.64	29.2	PASS
7	10	21100	12	#Max	QAM16		43.68	32.2	PASS
7	10	21100	12	#Max	QAM16		52.59	35.2	PASS
7	10	21100	50	#0	QAM16		47.64	35.2	PASS
7	10	21100	50	#0	QAM16		44.96	32.2	PASS
7	10	21100	50	#0	QAM16		42.41	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		42.81	29.2	PASS
7	10	21100	50	#0	QAM16		45.29	32.2	PASS
7	10	21100	50	#0	QAM16		48.22	35.2	PASS
7	10	21400	12	#0	QPSK		52.43	35.2	PASS
7	10	21400	12	#0	QPSK		39.04	32.2	PASS
7	10	21400	12	#0	QPSK		38.40	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		46.03	29.2	PASS
7	10	21400	12	#0	QPSK		50.56	32.2	PASS
7	10	21400	12	#0	QPSK		49.94	35.2	PASS
7	10	21400	12	#Max	QPSK		48.78	35.2	PASS
7	10	21400	12	#Max	QPSK		49.77	32.2	PASS
7	10	21400	12	#Max	QPSK		44.99	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		42.34	29.2	PASS
7	10	21400	12	#Max	QPSK		43.19	32.2	PASS
7	10	21400	12	#Max	QPSK		53.35	35.2	PASS
7	10	21400	50	#0	QPSK		45.46	35.2	PASS
7	10	21400	50	#0	QPSK		43.42	32.2	PASS
7	10	21400	50	#0	QPSK		40.63	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		43.08	29.2	PASS
7	10	21400	50	#0	QPSK		45.56	32.2	PASS
7	10	21400	50	#0	QPSK		48.35	35.2	PASS
7	10	21400	12	#0	QAM16		51.64	35.2	PASS
7	10	21400	12	#0	QAM16		40.52	32.2	PASS
7	10	21400	12	#0	QAM16		39.76	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		45.92	29.2	PASS
7	10	21400	12	#0	QAM16		50.29	32.2	PASS
7	10	21400	12	#0	QAM16		49.84	35.2	PASS
7	10	21400	12	#Max	QAM16		48.77	35.2	PASS
7	10	21400	12	#Max	QAM16		49.70	32.2	PASS

7	10	21400	12	#Max	QAM16		45.03	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		43.36	29.2	PASS
7	10	21400	12	#Max	QAM16		44.46	32.2	PASS
7	10	21400	12	#Max	QAM16		52.59	35.2	PASS
7	10	21400	50	#0	QAM16		45.67	35.2	PASS
7	10	21400	50	#0	QAM16		42.45	32.2	PASS
7	10	21400	50	#0	QAM16		40.09	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		42.07	29.2	PASS
7	10	21400	50	#0	QAM16		44.29	32.2	PASS
7	10	21400	50	#0	QAM16		47.88	35.2	PASS
7	20	20850	18	#0	QPSK		51.74	35.2	PASS
7	20	20850	18	#0	QPSK		41.25	32.2	PASS
7	20	20850	18	#0	QPSK		41.24	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		43.96	29.2	PASS
7	20	20850	18	#0	QPSK		52.90	32.2	PASS
7	20	20850	18	#0	QPSK		51.91	35.2	PASS
7	20	20850	18	#Max	QPSK		51.34	35.2	PASS
7	20	20850	18	#Max	QPSK		52.13	32.2	PASS
7	20	20850	18	#Max	QPSK		44.93	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		41.81	29.2	PASS
7	20	20850	18	#Max	QPSK		42.19	32.2	PASS
7	20	20850	18	#Max	QPSK		52.39	35.2	PASS
7	20	20850	100	#0	QPSK		47.75	35.2	PASS
7	20	20850	100	#0	QPSK		46.40	32.2	PASS
7	20	20850	100	#0	QPSK		41.84	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		40.86	29.2	PASS
7	20	20850	100	#0	QPSK		46.22	32.2	PASS
7	20	20850	100	#0	QPSK		47.47	35.2	PASS
7	20	20850	18	#0	QAM16		50.71	35.2	PASS
7	20	20850	18	#0	QAM16		42.36	32.2	PASS
7	20	20850	18	#0	QAM16		41.68	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		43.86	29.2	PASS
7	20	20850	18	#0	QAM16		51.83	32.2	PASS
7	20	20850	18	#0	QAM16		51.47	35.2	PASS
7	20	20850	18	#Max	QAM16		50.54	35.2	PASS
7	20	20850	18	#Max	QAM16		51.14	32.2	PASS
7	20	20850	18	#Max	QAM16		44.19	29.2	PASS

7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		42.19	29.2	PASS
7	20	20850	18	#Max	QAM16		43.25	32.2	PASS
7	20	20850	18	#Max	QAM16		51.56	35.2	PASS
7	20	20850	100	#0	QAM16		47.63	35.2	PASS
7	20	20850	100	#0	QAM16		46.49	32.2	PASS
7	20	20850	100	#0	QAM16		41.69	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		41.36	29.2	PASS
7	20	20850	100	#0	QAM16		46.68	32.2	PASS
7	20	20850	100	#0	QAM16		47.82	35.2	PASS
7	20	21100	18	#0	QPSK		51.78	35.2	PASS
7	20	21100	18	#0	QPSK		42.99	32.2	PASS
7	20	21100	18	#0	QPSK		42.30	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		44.10	29.2	PASS
7	20	21100	18	#0	QPSK		53.00	32.2	PASS
7	20	21100	18	#0	QPSK		52.03	35.2	PASS
7	20	21100	18	#Max	QPSK		51.35	35.2	PASS
7	20	21100	18	#Max	QPSK		52.49	32.2	PASS
7	20	21100	18	#Max	QPSK		44.14	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		43.63	29.2	PASS
7	20	21100	18	#Max	QPSK		44.85	32.2	PASS
7	20	21100	18	#Max	QPSK		52.80	35.2	PASS
7	20	21100	100	#0	QPSK		47.60	35.2	PASS
7	20	21100	100	#0	QPSK		46.84	32.2	PASS
7	20	21100	100	#0	QPSK		41.54	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		42.71	29.2	PASS
7	20	21100	100	#0	QPSK		48.03	32.2	PASS
7	20	21100	100	#0	QPSK		49.25	35.2	PASS
7	20	21100	18	#0	QAM16		50.87	35.2	PASS
7	20	21100	18	#0	QAM16		44.07	32.2	PASS
7	20	21100	18	#0	QAM16		42.54	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		43.74	29.2	PASS
7	20	21100	18	#0	QAM16		52.09	32.2	PASS
7	20	21100	18	#0	QAM16		51.58	35.2	PASS
7	20	21100	18	#Max	QAM16		50.65	35.2	PASS
7	20	21100	18	#Max	QAM16		51.54	32.2	PASS
7	20	21100	18	#Max	QAM16		43.71	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS

7	20	21100	18	#Max	QAM16		43.70	29.2	PASS
7	20	21100	18	#Max	QAM16		45.95	32.2	PASS
7	20	21100	18	#Max	QAM16		52.01	35.2	PASS
7	20	21100	100	#0	QAM16		47.00	35.2	PASS
7	20	21100	100	#0	QAM16		46.39	32.2	PASS
7	20	21100	100	#0	QAM16		41.12	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		42.22	29.2	PASS
7	20	21100	100	#0	QAM16		47.44	32.2	PASS
7	20	21100	100	#0	QAM16		48.56	35.2	PASS
7	20	21350	18	#0	QPSK		52.26	35.2	PASS
7	20	21350	18	#0	QPSK		41.36	32.2	PASS
7	20	21350	18	#0	QPSK		41.53	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		45.66	29.2	PASS
7	20	21350	18	#0	QPSK		53.81	32.2	PASS
7	20	21350	18	#0	QPSK		53.11	35.2	PASS
7	20	21350	18	#Max	QPSK		51.59	35.2	PASS
7	20	21350	18	#Max	QPSK		53.31	32.2	PASS
7	20	21350	18	#Max	QPSK		44.08	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		43.14	29.2	PASS
7	20	21350	18	#Max	QPSK		43.39	32.2	PASS
7	20	21350	18	#Max	QPSK		53.48	35.2	PASS
7	20	21350	100	#0	QPSK		45.77	35.2	PASS
7	20	21350	100	#0	QPSK		44.73	32.2	PASS
7	20	21350	100	#0	QPSK		39.66	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		41.78	29.2	PASS
7	20	21350	100	#0	QPSK		46.22	32.2	PASS
7	20	21350	100	#0	QPSK		47.84	35.2	PASS
7	20	21350	18	#0	QAM16		51.41	35.2	PASS
7	20	21350	18	#0	QAM16		42.78	32.2	PASS
7	20	21350	18	#0	QAM16		42.27	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		45.18	29.2	PASS
7	20	21350	18	#0	QAM16		52.87	32.2	PASS
7	20	21350	18	#0	QAM16		52.59	35.2	PASS
7	20	21350	18	#Max	QAM16		51.17	35.2	PASS
7	20	21350	18	#Max	QAM16		52.36	32.2	PASS
7	20	21350	18	#Max	QAM16		43.93	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		43.63	29.2	PASS

7	20	21350	18	#Max	QAM16		44.70	32.2	PASS
7	20	21350	18	#Max	QAM16		52.76	35.2	PASS
7	20	21350	100	#0	QAM16		46.04	35.2	PASS
7	20	21350	100	#0	QAM16		44.75	32.2	PASS
7	20	21350	100	#0	QAM16		39.94	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		41.68	29.2	PASS
7	20	21350	100	#0	QAM16		46.19	32.2	PASS
7	20	21350	100	#0	QAM16		47.86	35.2	PASS
8	1.4	21457	5	#0	QPSK		44.19	32.2	PASS
8	1.4	21457	5	#0	QPSK		37.27	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		40.87	29.2	PASS
8	1.4	21457	5	#0	QPSK		46.96	32.2	PASS
8	1.4	21457	5	#Max	QPSK		46.98	32.2	PASS
8	1.4	21457	5	#Max	QPSK		40.87	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		37.03	29.2	PASS
8	1.4	21457	5	#Max	QPSK		44.34	32.2	PASS
8	1.4	21457	6	#0	QPSK		44.18	32.2	PASS
8	1.4	21457	6	#0	QPSK		39.56	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		39.11	29.2	PASS
8	1.4	21457	6	#0	QPSK		44.02	32.2	PASS
8	1.4	21457	5	#0	QAM16		45.37	32.2	PASS
8	1.4	21457	5	#0	QAM16		38.82	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		41.78	29.2	PASS
8	1.4	21457	5	#0	QAM16		47.71	32.2	PASS
8	1.4	21457	5	#Max	QAM16		47.84	32.2	PASS
8	1.4	21457	5	#Max	QAM16		42.37	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		38.50	29.2	PASS
8	1.4	21457	5	#Max	QAM16		45.20	32.2	PASS
8	1.4	21457	6	#0	QAM16		45.98	32.2	PASS
8	1.4	21457	6	#0	QAM16		41.93	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		41.12	29.2	PASS
8	1.4	21457	6	#0	QAM16		45.29	32.2	PASS
8	1.4	21625	5	#0	QPSK		43.20	32.2	PASS
8	1.4	21625	5	#0	QPSK		36.28	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		40.69	29.2	PASS

8	1.4	21625	5	#0	QPSK		47.29	32.2	PASS
8	1.4	21625	5	#Max	QPSK		46.12	32.2	PASS
8	1.4	21625	5	#Max	QPSK		39.70	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		36.93	29.2	PASS
8	1.4	21625	5	#Max	QPSK		44.31	32.2	PASS
8	1.4	21625	6	#0	QPSK		43.69	32.2	PASS
8	1.4	21625	6	#0	QPSK		38.78	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		39.02	29.2	PASS
8	1.4	21625	6	#0	QPSK		44.43	32.2	PASS
8	1.4	21625	5	#0	QAM16		45.48	32.2	PASS
8	1.4	21625	5	#0	QAM16		39.24	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		43.22	29.2	PASS
8	1.4	21625	5	#0	QAM16		48.06	32.2	PASS
8	1.4	21625	5	#Max	QAM16		47.40	32.2	PASS
8	1.4	21625	5	#Max	QAM16		42.92	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		39.52	29.2	PASS
8	1.4	21625	5	#Max	QAM16		46.02	32.2	PASS
8	1.4	21625	6	#0	QAM16		44.79	32.2	PASS
8	1.4	21625	6	#0	QAM16		40.56	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		40.50	29.2	PASS
8	1.4	21625	6	#0	QAM16		45.36	32.2	PASS
8	1.4	21793	5	#0	QPSK		43.22	32.2	PASS
8	1.4	21793	5	#0	QPSK		37.19	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		41.00	29.2	PASS
8	1.4	21793	5	#0	QPSK		46.78	32.2	PASS
8	1.4	21793	5	#Max	QPSK		45.76	32.2	PASS
8	1.4	21793	5	#Max	QPSK		40.51	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		38.02	29.2	PASS
8	1.4	21793	5	#Max	QPSK		44.43	32.2	PASS
8	1.4	21793	6	#0	QPSK		43.69	32.2	PASS
8	1.4	21793	6	#0	QPSK		40.29	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		40.97	29.2	PASS
8	1.4	21793	6	#0	QPSK		44.89	32.2	PASS
8	1.4	21793	5	#0	QAM16		44.80	32.2	PASS
8	1.4	21793	5	#0	QAM16		39.27	29.2	PASS

8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		43.08	29.2	PASS
8	1.4	21793	5	#0	QAM16		47.36	32.2	PASS
8	1.4	21793	5	#Max	QAM16		46.61	32.2	PASS
8	1.4	21793	5	#Max	QAM16		42.63	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		39.76	29.2	PASS
8	1.4	21793	5	#Max	QAM16		45.53	32.2	PASS
8	1.4	21793	6	#0	QAM16		44.22	32.2	PASS
8	1.4	21793	6	#0	QAM16		40.71	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		40.89	29.2	PASS
8	1.4	21793	6	#0	QAM16		44.77	32.2	PASS
8	5	21475	8	#0	QPSK		54.39	35.2	PASS
8	5	21475	8	#0	QPSK		41.68	32.2	PASS
8	5	21475	8	#0	QPSK		38.87	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		48.55	29.2	PASS
8	5	21475	8	#0	QPSK		49.03	32.2	PASS
8	5	21475	8	#0	QPSK		54.60	35.2	PASS
8	5	21475	8	#Max	QPSK		54.25	35.2	PASS
8	5	21475	8	#Max	QPSK		49.53	32.2	PASS
8	5	21475	8	#Max	QPSK		49.02	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		40.84	29.2	PASS
8	5	21475	8	#Max	QPSK		43.64	32.2	PASS
8	5	21475	8	#Max	QPSK		54.15	35.2	PASS
8	5	21475	25	#0	QPSK		53.28	35.2	PASS
8	5	21475	25	#0	QPSK		41.13	32.2	PASS
8	5	21475	25	#0	QPSK		40.20	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		40.04	29.2	PASS
8	5	21475	25	#0	QPSK		40.93	32.2	PASS
8	5	21475	25	#0	QPSK		51.71	35.2	PASS
8	5	21475	8	#0	QAM16		53.36	35.2	PASS
8	5	21475	8	#0	QAM16		43.97	32.2	PASS
8	5	21475	8	#0	QAM16		40.78	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		48.58	29.2	PASS
8	5	21475	8	#0	QAM16		49.06	32.2	PASS
8	5	21475	8	#0	QAM16		53.75	35.2	PASS
8	5	21475	8	#Max	QAM16		53.31	35.2	PASS
8	5	21475	8	#Max	QAM16		49.70	32.2	PASS

8	5	21475	8	#Max	QAM16		49.17	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS
8	5	21475	8	#Max	QAM16		42.24	29.2	PASS
8	5	21475	8	#Max	QAM16		45.09	32.2	PASS
8	5	21475	8	#Max	QAM16		53.36	35.2	PASS
8	5	21475	25	#0	QAM16		52.39	35.2	PASS
8	5	21475	25	#0	QAM16		42.30	32.2	PASS
8	5	21475	25	#0	QAM16		41.37	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		41.15	29.2	PASS
8	5	21475	25	#0	QAM16		42.06	32.2	PASS
8	5	21475	25	#0	QAM16		51.22	35.2	PASS
8	5	21625	8	#0	QPSK		53.36	35.2	PASS
8	5	21625	8	#0	QPSK		39.49	32.2	PASS
8	5	21625	8	#0	QPSK		36.26	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		48.88	29.2	PASS
8	5	21625	8	#0	QPSK		49.31	32.2	PASS
8	5	21625	8	#0	QPSK		54.07	35.2	PASS
8	5	21625	8	#Max	QPSK		53.59	35.2	PASS
8	5	21625	8	#Max	QPSK		48.78	32.2	PASS
8	5	21625	8	#Max	QPSK		48.26	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		39.54	29.2	PASS
8	5	21625	8	#Max	QPSK		42.63	32.2	PASS
8	5	21625	8	#Max	QPSK		53.74	35.2	PASS
8	5	21625	25	#0	QPSK		50.48	35.2	PASS
8	5	21625	25	#0	QPSK		38.51	32.2	PASS
8	5	21625	25	#0	QPSK		37.73	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		39.11	29.2	PASS
8	5	21625	25	#0	QPSK		40.05	32.2	PASS
8	5	21625	25	#0	QPSK		51.87	35.2	PASS
8	5	21625	8	#0	QAM16		52.47	35.2	PASS
8	5	21625	8	#0	QAM16		41.46	32.2	PASS
8	5	21625	8	#0	QAM16		38.23	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		48.76	29.2	PASS
8	5	21625	8	#0	QAM16		49.27	32.2	PASS
8	5	21625	8	#0	QAM16		53.06	35.2	PASS
8	5	21625	8	#Max	QAM16		52.54	35.2	PASS
8	5	21625	8	#Max	QAM16		47.73	32.2	PASS
8	5	21625	8	#Max	QAM16		47.30	29.2	PASS

8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		40.51	29.2	PASS
8	5	21625	8	#Max	QAM16		43.71	32.2	PASS
8	5	21625	8	#Max	QAM16		52.88	35.2	PASS
8	5	21625	25	#0	QAM16		49.85	35.2	PASS
8	5	21625	25	#0	QAM16		39.36	32.2	PASS
8	5	21625	25	#0	QAM16		38.54	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		39.57	29.2	PASS
8	5	21625	25	#0	QAM16		40.53	32.2	PASS
8	5	21625	25	#0	QAM16		51.04	35.2	PASS
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8	5	21775	8	#0	QPSK		34.97	32.2	PASS
8	5	21775	8	#0	QPSK		31.15	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		49.74	29.2	PASS
8	5	21775	8	#0	QPSK		50.39	32.2	PASS
8	5	21775	8	#0	QPSK		53.68	35.2	PASS
8	5	21775	8	#Max	QPSK		53.16	35.2	PASS
8	5	21775	8	#Max	QPSK		48.91	32.2	PASS
8	5	21775	8	#Max	QPSK		48.34	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		38.28	29.2	PASS
8	5	21775	8	#Max	QPSK		41.36	32.2	PASS
8	5	21775	8	#Max	QPSK		53.64	35.2	PASS
8	5	21775	25	#0	QPSK		50.03	35.2	PASS
8	5	21775	25	#0	QPSK		35.50	32.2	PASS
8	5	21775	25	#0	QPSK		34.67	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		36.62	29.2	PASS
8	5	21775	25	#0	QPSK		37.74	32.2	PASS
8	5	21775	25	#0	QPSK		52.62	35.2	PASS
8	5	21775	8	#0	QAM16		51.84	35.2	PASS
8	5	21775	8	#0	QAM16		37.93	32.2	PASS
8	5	21775	8	#0	QAM16		34.07	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		48.93	29.2	PASS
8	5	21775	8	#0	QAM16		49.51	32.2	PASS
8	5	21775	8	#0	QAM16		52.53	35.2	PASS
8	5	21775	8	#Max	QAM16		52.09	35.2	PASS
8	5	21775	8	#Max	QAM16		48.07	32.2	PASS
8	5	21775	8	#Max	QAM16		47.59	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS

8	5	21775	8	#Max	QAM16		40.23	29.2	PASS
8	5	21775	8	#Max	QAM16		43.29	32.2	PASS
8	5	21775	8	#Max	QAM16		52.62	35.2	PASS
8	5	21775	25	#0	QAM16		49.59	35.2	PASS
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8	5	21775	25	#0	QAM16		35.84	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		37.60	29.2	PASS
8	5	21775	25	#0	QAM16		38.63	32.2	PASS
8	5	21775	25	#0	QAM16		51.69	35.2	PASS
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8	10	21500	12	#0	QPSK		39.23	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		47.53	29.2	PASS
8	10	21500	12	#0	QPSK		51.77	32.2	PASS
8	10	21500	12	#0	QPSK		51.60	35.2	PASS
8	10	21500	12	#Max	QPSK		53.68	35.2	PASS
8	10	21500	12	#Max	QPSK		52.22	32.2	PASS
8	10	21500	12	#Max	QPSK		48.94	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		41.28	29.2	PASS
8	10	21500	12	#Max	QPSK		42.08	32.2	PASS
8	10	21500	12	#Max	QPSK		53.12	35.2	PASS
8	10	21500	50	#0	QPSK		52.16	35.2	PASS
8	10	21500	50	#0	QPSK		43.09	32.2	PASS
8	10	21500	50	#0	QPSK		42.01	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		40.70	29.2	PASS
8	10	21500	50	#0	QPSK		42.96	32.2	PASS
8	10	21500	50	#0	QPSK		46.54	35.2	PASS
8	10	21500	12	#0	QAM16		53.11	35.2	PASS
8	10	21500	12	#0	QAM16		43.09	32.2	PASS
8	10	21500	12	#0	QAM16		42.14	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		47.37	29.2	PASS
8	10	21500	12	#0	QAM16		51.47	32.2	PASS
8	10	21500	12	#0	QAM16		51.40	35.2	PASS
8	10	21500	12	#Max	QAM16		52.67	35.2	PASS
8	10	21500	12	#Max	QAM16		51.66	32.2	PASS
8	10	21500	12	#Max	QAM16		48.30	29.2	PASS
8	10	21500	12	#Max	QAM16		0.00	0	PASS
8	10	21500	12	#Max	QAM16		42.28	29.2	PASS

8	10	21500	12	#Max	QAM16		43.35	32.2	PASS
8	10	21500	12	#Max	QAM16		52.43	35.2	PASS
8	10	21500	50	#0	QAM16		51.63	35.2	PASS
8	10	21500	50	#0	QAM16		43.73	32.2	PASS
8	10	21500	50	#0	QAM16		42.53	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		41.24	29.2	PASS
8	10	21500	50	#0	QAM16		43.20	32.2	PASS
8	10	21500	50	#0	QAM16		47.86	35.2	PASS
8	10	21625	12	#0	QPSK		52.33	35.2	PASS
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8	10	21625	12	#0	QPSK		37.97	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		47.88	29.2	PASS
8	10	21625	12	#0	QPSK		51.98	32.2	PASS
8	10	21625	12	#0	QPSK		51.76	35.2	PASS
8	10	21625	12	#Max	QPSK		50.22	35.2	PASS
8	10	21625	12	#Max	QPSK		50.65	32.2	PASS
8	10	21625	12	#Max	QPSK		46.33	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		41.89	29.2	PASS
8	10	21625	12	#Max	QPSK		42.85	32.2	PASS
8	10	21625	12	#Max	QPSK		52.91	35.2	PASS
8	10	21625	50	#0	QPSK		45.17	35.2	PASS
8	10	21625	50	#0	QPSK		40.28	32.2	PASS
8	10	21625	50	#0	QPSK		38.27	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		40.26	29.2	PASS
8	10	21625	50	#0	QPSK		42.06	32.2	PASS
8	10	21625	50	#0	QPSK		47.54	35.2	PASS
8	10	21625	12	#0	QAM16		51.61	35.2	PASS
8	10	21625	12	#0	QAM16		40.71	32.2	PASS
8	10	21625	12	#0	QAM16		39.76	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.10	29.2	PASS
8	10	21625	12	#0	QAM16		51.20	32.2	PASS
8	10	21625	12	#0	QAM16		51.08	35.2	PASS
8	10	21625	12	#Max	QAM16		49.99	35.2	PASS
8	10	21625	12	#Max	QAM16		50.54	32.2	PASS
8	10	21625	12	#Max	QAM16		46.20	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		42.41	29.2	PASS
8	10	21625	12	#Max	QAM16		43.54	32.2	PASS

8	10	21625	12	#Max	QAM16		52.23	35.2	PASS
8	10	21625	50	#0	QAM16		46.07	35.2	PASS
8	10	21625	50	#0	QAM16		40.14	32.2	PASS
8	10	21625	50	#0	QAM16		38.40	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		40.21	29.2	PASS
8	10	21625	50	#0	QAM16		41.83	32.2	PASS
8	10	21625	50	#0	QAM16		47.95	35.2	PASS
8	10	21750	12	#0	QPSK		51.92	35.2	PASS
8	10	21750	12	#0	QPSK		42.16	32.2	PASS
8	10	21750	12	#0	QPSK		41.30	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		49.45	29.2	PASS
8	10	21750	12	#0	QPSK		52.34	32.2	PASS
8	10	21750	12	#0	QPSK		54.11	35.2	PASS
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8	10	21750	12	#Max	QPSK		39.78	29.2	PASS
8	10	21750	12	#Max	QPSK		40.44	32.2	PASS
8	10	21750	12	#Max	QPSK		54.43	35.2	PASS
8	10	21750	50	#0	QPSK		45.12	35.2	PASS
8	10	21750	50	#0	QPSK		40.74	32.2	PASS
8	10	21750	50	#0	QPSK		38.74	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		38.53	29.2	PASS
8	10	21750	50	#0	QPSK		38.97	32.2	PASS
8	10	21750	50	#0	QPSK		53.16	35.2	PASS
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8	10	21750	12	#0	QAM16		43.31	32.2	PASS
8	10	21750	12	#0	QAM16		42.16	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		48.63	29.2	PASS
8	10	21750	12	#0	QAM16		51.60	32.2	PASS
8	10	21750	12	#0	QAM16		53.15	35.2	PASS
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8	10	21750	12	#Max	QAM16		40.74	29.2	PASS
8	10	21750	12	#Max	QAM16		41.63	32.2	PASS
8	10	21750	12	#Max	QAM16		53.44	35.2	PASS

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8	10	21750	50	#0	QAM16		39.00	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		38.83	29.2	PASS
8	10	21750	50	#0	QAM16		39.30	32.2	PASS
8	10	21750	50	#0	QAM16		52.18	35.2	PASS
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20	5	24175	8	#0	QPSK		40.76	29.2	PASS
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20	5	24175	8	#0	QPSK		46.04	29.2	PASS
20	5	24175	8	#0	QPSK		46.36	32.2	PASS
20	5	24175	8	#0	QPSK		52.57	35.2	PASS
20	5	24175	8	#Max	QPSK		52.33	35.2	PASS
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20	5	24175	8	#Max	QPSK		47.73	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
20	5	24175	8	#Max	QPSK		44.49	29.2	PASS
20	5	24175	8	#Max	QPSK		46.13	32.2	PASS
20	5	24175	8	#Max	QPSK		52.33	35.2	PASS
20	5	24175	25	#0	QPSK		51.44	35.2	PASS
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20	5	24175	25	#0	QPSK		44.63	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		43.26	29.2	PASS
20	5	24175	25	#0	QPSK		44.09	32.2	PASS
20	5	24175	25	#0	QPSK		49.63	35.2	PASS
20	5	24175	8	#0	QAM16		51.29	35.2	PASS
20	5	24175	8	#0	QAM16		45.67	32.2	PASS
20	5	24175	8	#0	QAM16		43.50	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
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20	5	24175	8	#0	QAM16		46.82	32.2	PASS
20	5	24175	8	#0	QAM16		51.52	35.2	PASS
20	5	24175	8	#Max	QAM16		51.32	35.2	PASS
20	5	24175	8	#Max	QAM16		48.24	32.2	PASS
20	5	24175	8	#Max	QAM16		47.73	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
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20	5	24175	8	#Max	QAM16		46.32	32.2	PASS
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20	5	24175	25	#0	QAM16		50.52	35.2	PASS

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

20	5	24300	25	#0	QAM16		45.45	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS
20	5	24300	25	#0	QAM16		45.65	29.2	PASS
20	5	24300	25	#0	QAM16		46.58	32.2	PASS
20	5	24300	25	#0	QAM16		50.99	35.2	PASS
20	5	24425	8	#0	QPSK		53.28	35.2	PASS
20	5	24425	8	#0	QPSK		49.29	32.2	PASS
20	5	24425	8	#0	QPSK		47.58	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		48.81	29.2	PASS
20	5	24425	8	#0	QPSK		49.28	32.2	PASS
20	5	24425	8	#0	QPSK		53.70	35.2	PASS
20	5	24425	8	#Max	QPSK		53.42	35.2	PASS
20	5	24425	8	#Max	QPSK		48.58	32.2	PASS
20	5	24425	8	#Max	QPSK		48.15	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		45.57	29.2	PASS
20	5	24425	8	#Max	QPSK		48.42	32.2	PASS
20	5	24425	8	#Max	QPSK		53.62	35.2	PASS
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20	5	24425	25	#0	QPSK		48.16	32.2	PASS
20	5	24425	25	#0	QPSK		47.22	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		46.32	29.2	PASS
20	5	24425	25	#0	QPSK		47.44	32.2	PASS
20	5	24425	25	#0	QPSK		52.27	35.2	PASS
20	5	24425	8	#0	QAM16		52.41	35.2	PASS
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20	5	24425	8	#0	QAM16		46.45	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		48.78	29.2	PASS
20	5	24425	8	#0	QAM16		49.31	32.2	PASS
20	5	24425	8	#0	QAM16		52.78	35.2	PASS
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20	5	24425	8	#Max	QAM16		48.05	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		46.35	29.2	PASS
20	5	24425	8	#Max	QAM16		48.55	32.2	PASS
20	5	24425	8	#Max	QAM16		52.72	35.2	PASS
20	5	24425	25	#0	QAM16		50.48	35.2	PASS
20	5	24425	25	#0	QAM16		46.66	32.2	PASS
20	5	24425	25	#0	QAM16		45.69	29.2	PASS

20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		45.98	29.2	PASS
20	5	24425	25	#0	QAM16		46.92	32.2	PASS
20	5	24425	25	#0	QAM16		51.30	35.2	PASS
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20	10	24200	12	#0	QPSK		42.85	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		46.34	29.2	PASS
20	10	24200	12	#0	QPSK		50.42	32.2	PASS
20	10	24200	12	#0	QPSK		50.38	35.2	PASS
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20	10	24200	12	#Max	QPSK		52.05	32.2	PASS
20	10	24200	12	#Max	QPSK		48.42	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
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20	10	24200	12	#Max	QPSK		52.57	35.2	PASS
20	10	24200	50	#0	QPSK		51.31	35.2	PASS
20	10	24200	50	#0	QPSK		48.09	32.2	PASS
20	10	24200	50	#0	QPSK		45.81	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		42.93	29.2	PASS
20	10	24200	50	#0	QPSK		46.31	32.2	PASS
20	10	24200	50	#0	QPSK		47.14	35.2	PASS
20	10	24200	12	#0	QAM16		51.23	35.2	PASS
20	10	24200	12	#0	QAM16		44.95	32.2	PASS
20	10	24200	12	#0	QAM16		43.48	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		45.94	29.2	PASS
20	10	24200	12	#0	QAM16		49.81	32.2	PASS
20	10	24200	12	#0	QAM16		50.07	35.2	PASS
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20	10	24200	12	#Max	QAM16		47.49	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		44.84	29.2	PASS
20	10	24200	12	#Max	QAM16		46.55	32.2	PASS
20	10	24200	12	#Max	QAM16		51.59	35.2	PASS
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20	10	24200	50	#0	QAM16		47.27	32.2	PASS
20	10	24200	50	#0	QAM16		44.94	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS

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20	10	24200	50	#0	QAM16		44.32	32.2	PASS
20	10	24200	50	#0	QAM16		46.95	35.2	PASS
20	10	24300	12	#0	QPSK		53.03	35.2	PASS
20	10	24300	12	#0	QPSK		45.85	32.2	PASS
20	10	24300	12	#0	QPSK		44.65	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
20	10	24300	12	#0	QPSK		47.31	29.2	PASS
20	10	24300	12	#0	QPSK		51.71	32.2	PASS
20	10	24300	12	#0	QPSK		51.12	35.2	PASS
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20	10	24300	12	#Max	QPSK		48.17	32.2	PASS
20	10	24300	12	#Max	QPSK		53.33	35.2	PASS
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20	10	24300	50	#0	QPSK		44.37	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		44.82	29.2	PASS
20	10	24300	50	#0	QPSK		48.07	32.2	PASS
20	10	24300	50	#0	QPSK		48.90	35.2	PASS
20	10	24300	12	#0	QAM16		52.17	35.2	PASS
20	10	24300	12	#0	QAM16		46.20	32.2	PASS
20	10	24300	12	#0	QAM16		44.74	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		47.01	29.2	PASS
20	10	24300	12	#0	QAM16		51.10	32.2	PASS
20	10	24300	12	#0	QAM16		50.90	35.2	PASS
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20	10	24300	12	#Max	QAM16		46.07	29.2	PASS
20	10	24300	12	#Max	QAM16		0.00	0	PASS
20	10	24300	12	#Max	QAM16		46.01	29.2	PASS
20	10	24300	12	#Max	QAM16		47.76	32.2	PASS
20	10	24300	12	#Max	QAM16		52.48	35.2	PASS
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20	10	24300	50	#0	QAM16		43.70	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		43.81	29.2	PASS

20	10	24300	50	#0	QAM16		46.65	32.2	PASS
20	10	24300	50	#0	QAM16		48.56	35.2	PASS
20	10	24400	12	#0	QPSK		52.89	35.2	PASS
20	10	24400	12	#0	QPSK		49.40	32.2	PASS
20	10	24400	12	#0	QPSK		47.29	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		46.57	29.2	PASS
20	10	24400	12	#0	QPSK		50.83	32.2	PASS
20	10	24400	12	#0	QPSK		50.62	35.2	PASS
20	10	24400	12	#Max	QPSK		51.12	35.2	PASS
20	10	24400	12	#Max	QPSK		51.71	32.2	PASS
20	10	24400	12	#Max	QPSK		47.36	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
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20	10	24400	12	#Max	QPSK		53.50	35.2	PASS
20	10	24400	50	#0	QPSK		49.03	35.2	PASS
20	10	24400	50	#0	QPSK		48.47	32.2	PASS
20	10	24400	50	#0	QPSK		45.05	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		44.95	29.2	PASS
20	10	24400	50	#0	QPSK		47.48	32.2	PASS
20	10	24400	50	#0	QPSK		50.17	35.2	PASS
20	10	24400	12	#0	QAM16		51.97	35.2	PASS
20	10	24400	12	#0	QAM16		48.72	32.2	PASS
20	10	24400	12	#0	QAM16		46.49	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		46.39	29.2	PASS
20	10	24400	12	#0	QAM16		50.50	32.2	PASS
20	10	24400	12	#0	QAM16		50.41	35.2	PASS
20	10	24400	12	#Max	QAM16		50.69	35.2	PASS
20	10	24400	12	#Max	QAM16		51.03	32.2	PASS
20	10	24400	12	#Max	QAM16		46.88	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		46.47	29.2	PASS
20	10	24400	12	#Max	QAM16		48.39	32.2	PASS
20	10	24400	12	#Max	QAM16		52.74	35.2	PASS
20	10	24400	50	#0	QAM16		48.55	35.2	PASS
20	10	24400	50	#0	QAM16		47.63	32.2	PASS
20	10	24400	50	#0	QAM16		44.35	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		44.39	29.2	PASS
20	10	24400	50	#0	QAM16		46.88	32.2	PASS

20	10	24400	50	#0	QAM16		49.67	35.2	PASS
20	20	24250	18	#0	QPSK		52.32	35.2	PASS
20	20	24250	18	#0	QPSK		46.47	32.2	PASS
20	20	24250	18	#0	QPSK		44.41	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		44.97	29.2	PASS
20	20	24250	18	#0	QPSK		52.71	32.2	PASS
20	20	24250	18	#0	QPSK		52.20	35.2	PASS
20	20	24250	18	#Max	QPSK		52.52	35.2	PASS
20	20	24250	18	#Max	QPSK		52.81	32.2	PASS
20	20	24250	18	#Max	QPSK		46.16	29.2	PASS
20	20	24250	18	#Max	QPSK		0.00	0	PASS
20	20	24250	18	#Max	QPSK		44.99	29.2	PASS
20	20	24250	18	#Max	QPSK		48.06	32.2	PASS
20	20	24250	18	#Max	QPSK		52.72	35.2	PASS
20	20	24250	100	#0	QPSK		51.42	35.2	PASS
20	20	24250	100	#0	QPSK		49.77	32.2	PASS
20	20	24250	100	#0	QPSK		44.63	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		43.20	29.2	PASS
20	20	24250	100	#0	QPSK		48.64	32.2	PASS
20	20	24250	100	#0	QPSK		49.57	35.2	PASS
20	20	24250	18	#0	QAM16		51.35	35.2	PASS
20	20	24250	18	#0	QAM16		46.52	32.2	PASS
20	20	24250	18	#0	QAM16		43.84	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		44.35	29.2	PASS
20	20	24250	18	#0	QAM16		51.75	32.2	PASS
20	20	24250	18	#0	QAM16		51.54	35.2	PASS
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20	20	24250	18	#Max	QAM16		45.11	29.2	PASS
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20	20	24250	18	#Max	QAM16		44.16	29.2	PASS
20	20	24250	18	#Max	QAM16		47.43	32.2	PASS
20	20	24250	18	#Max	QAM16		51.74	35.2	PASS
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20	20	24250	100	#0	QAM16		43.70	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		42.26	29.2	PASS
20	20	24250	100	#0	QAM16		47.57	32.2	PASS
20	20	24250	100	#0	QAM16		48.66	35.2	PASS

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

20	20	24350	18	#0	QPSK	46.29	32.2	PASS
20	20	24350	18	#0	QPSK	44.12	29.2	PASS
20	20	24350	18	#0	QPSK	0.00	0	PASS
20	20	24350	18	#0	QPSK	45.94	29.2	PASS
20	20	24350	18	#0	QPSK	53.05	32.2	PASS
20	20	24350	18	#0	QPSK	52.87	35.2	PASS
20	20	24350	18	#Max	QPSK	52.18	35.2	PASS
20	20	24350	18	#Max	QPSK	52.63	32.2	PASS
20	20	24350	18	#Max	QPSK	45.77	29.2	PASS
20	20	24350	18	#Max	QPSK	0.00	0	PASS
20	20	24350	18	#Max	QPSK	45.74	29.2	PASS
20	20	24350	18	#Max	QPSK	49.36	32.2	PASS
20	20	24350	18	#Max	QPSK	53.16	35.2	PASS
20	20	24350	100	#0	QPSK	48.63	35.2	PASS
20	20	24350	100	#0	QPSK	47.77	32.2	PASS
20	20	24350	100	#0	QPSK	42.93	29.2	PASS
20	20	24350	100	#0	QPSK	0.00	0	PASS
20	20	24350	100	#0	QPSK	43.25	29.2	PASS
20	20	24350	100	#0	QPSK	49.21	32.2	PASS
20	20	24350	100	#0	QPSK	49.21	35.2	PASS
20	20	24350	18	#0	QAM16	51.22	35.2	PASS
20	20	24350	18	#0	QAM16	46.34	32.2	PASS
20	20	24350	18	#0	QAM16	43.68	29.2	PASS
20	20	24350	18	#0	QAM16	0.00	0	PASS
20	20	24350	18	#0	QAM16	45.24	29.2	PASS
20	20	24350	18	#0	QAM16	52.10	32.2	PASS
20	20	24350	18	#0	QAM16	52.10	35.2	PASS
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20	20	24350	18	#Max	QAM16	44.93	29.2	PASS
20	20	24350	18	#Max	QAM16	0.00	0	PASS
20	20	24350	18	#Max	QAM16	44.90	29.2	PASS
20	20	24350	18	#Max	QAM16	48.64	32.2	PASS
20	20	24350	18	#Max	QAM16	52.27	35.2	PASS
20	20	24350	100	#0	QAM16	48.42	35.2	PASS
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20	20	24350	100	#0	QAM16	42.54	29.2	PASS
20	20	24350	100	#0	QAM16	0.00	0	PASS
20	20	24350	100	#0	QAM16	42.08	29.2	PASS
20	20	24350	100	#0	QAM16	47.53	32.2	PASS
20	20	24350	100	#0	QAM16	47.84	35.2	PASS
1	5	18025	8	#0	QPSK	53.83	35.2	PASS
1	5	18025	8	#0	QPSK	48.26	32.2	PASS

1	5	18025	8	#0	QPSK		45.95	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		46.21	29.2	PASS
1	5	18025	8	#0	QPSK		46.48	32.2	PASS
1	5	18025	8	#0	QPSK		54.21	35.2	PASS
1	5	18025	8	#Max	QPSK		54.04	35.2	PASS
1	5	18025	8	#Max	QPSK		46.80	32.2	PASS
1	5	18025	8	#Max	QPSK		46.52	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		45.27	29.2	PASS
1	5	18025	8	#Max	QPSK		47.50	32.2	PASS
1	5	18025	8	#Max	QPSK		54.05	35.2	PASS
1	5	18025	25	#0	QPSK		53.09	35.2	PASS
1	5	18025	25	#0	QPSK		48.36	32.2	PASS
1	5	18025	25	#0	QPSK		47.42	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		46.63	29.2	PASS
1	5	18025	25	#0	QPSK		47.59	32.2	PASS
1	5	18025	25	#0	QPSK		53.09	35.2	PASS
1	5	18025	8	#0	QAM16		53.06	35.2	PASS
1	5	18025	8	#0	QAM16		49.27	32.2	PASS
1	5	18025	8	#0	QAM16		47.35	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		46.34	29.2	PASS
1	5	18025	8	#0	QAM16		46.63	32.2	PASS
1	5	18025	8	#0	QAM16		53.40	35.2	PASS
1	5	18025	8	#Max	QAM16		53.10	35.2	PASS
1	5	18025	8	#Max	QAM16		46.60	32.2	PASS
1	5	18025	8	#Max	QAM16		46.30	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		46.88	29.2	PASS
1	5	18025	8	#Max	QAM16		49.05	32.2	PASS
1	5	18025	8	#Max	QAM16		53.14	35.2	PASS
1	5	18025	25	#0	QAM16		52.15	35.2	PASS
1	5	18025	25	#0	QAM16		47.68	32.2	PASS
1	5	18025	25	#0	QAM16		46.81	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		45.85	29.2	PASS
1	5	18025	25	#0	QAM16		46.87	32.2	PASS
1	5	18025	25	#0	QAM16		52.28	35.2	PASS
1	5	18300	8	#0	QPSK		53.75	35.2	PASS
1	5	18300	8	#0	QPSK		48.64	32.2	PASS
1	5	18300	8	#0	QPSK		45.90	29.2	PASS

1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		46.21	29.2	PASS
1	5	18300	8	#0	QPSK		46.52	32.2	PASS
1	5	18300	8	#0	QPSK		54.08	35.2	PASS
1	5	18300	8	#Max	QPSK		53.89	35.2	PASS
1	5	18300	8	#Max	QPSK		46.27	32.2	PASS
1	5	18300	8	#Max	QPSK		45.99	29.2	PASS
1	5	18300	8	#Max	QPSK		0.00	0	PASS
1	5	18300	8	#Max	QPSK		44.53	29.2	PASS
1	5	18300	8	#Max	QPSK		47.36	32.2	PASS
1	5	18300	8	#Max	QPSK		53.99	35.2	PASS
1	5	18300	25	#0	QPSK		52.75	35.2	PASS
1	5	18300	25	#0	QPSK		47.83	32.2	PASS
1	5	18300	25	#0	QPSK		46.89	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		46.13	29.2	PASS
1	5	18300	25	#0	QPSK		47.01	32.2	PASS
1	5	18300	25	#0	QPSK		52.90	35.2	PASS
1	5	18300	8	#0	QAM16		52.81	35.2	PASS
1	5	18300	8	#0	QAM16		49.35	32.2	PASS
1	5	18300	8	#0	QAM16		46.67	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		46.71	29.2	PASS
1	5	18300	8	#0	QAM16		47.02	32.2	PASS
1	5	18300	8	#0	QAM16		53.16	35.2	PASS
1	5	18300	8	#Max	QAM16		53.00	35.2	PASS
1	5	18300	8	#Max	QAM16		46.52	32.2	PASS
1	5	18300	8	#Max	QAM16		46.23	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		46.73	29.2	PASS
1	5	18300	8	#Max	QAM16		49.06	32.2	PASS
1	5	18300	8	#Max	QAM16		53.05	35.2	PASS
1	5	18300	25	#0	QAM16		51.97	35.2	PASS
1	5	18300	25	#0	QAM16		48.25	32.2	PASS
1	5	18300	25	#0	QAM16		47.20	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		46.73	29.2	PASS
1	5	18300	25	#0	QAM16		47.73	32.2	PASS
1	5	18300	25	#0	QAM16		52.23	35.2	PASS
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1	5	18575	8	#0	QPSK		41.23	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS

1	5	18575	8	#0	QPSK	47.00	29.2	PASS
1	5	18575	8	#0	QPSK	47.32	32.2	PASS
1	5	18575	8	#0	QPSK	53.95	35.2	PASS
1	5	18575	8	#Max	QPSK	53.70	35.2	PASS
1	5	18575	8	#Max	QPSK	47.20	32.2	PASS
1	5	18575	8	#Max	QPSK	46.87	29.2	PASS
1	5	18575	8	#Max	QPSK	0.00	0	PASS
1	5	18575	8	#Max	QPSK	41.60	29.2	PASS
1	5	18575	8	#Max	QPSK	44.45	32.2	PASS
1	5	18575	8	#Max	QPSK	53.84	35.2	PASS
1	5	18575	25	#0	QPSK	52.44	35.2	PASS
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1	5	18575	25	#0	QPSK	44.61	29.2	PASS
1	5	18575	25	#0	QPSK	45.64	32.2	PASS
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1	5	18575	8	#0	QAM16	42.82	29.2	PASS
1	5	18575	8	#0	QAM16	0.00	0	PASS
1	5	18575	8	#0	QAM16	47.68	29.2	PASS
1	5	18575	8	#0	QAM16	48.07	32.2	PASS
1	5	18575	8	#0	QAM16	52.95	35.2	PASS
1	5	18575	8	#Max	QAM16	52.60	35.2	PASS
1	5	18575	8	#Max	QAM16	47.36	32.2	PASS
1	5	18575	8	#Max	QAM16	46.99	29.2	PASS
1	5	18575	8	#Max	QAM16	0.00	0	PASS
1	5	18575	8	#Max	QAM16	44.18	29.2	PASS
1	5	18575	8	#Max	QAM16	46.76	32.2	PASS
1	5	18575	8	#Max	QAM16	52.76	35.2	PASS
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1	5	18575	25	#0	QAM16	44.29	29.2	PASS
1	5	18575	25	#0	QAM16	0.00	0	PASS
1	5	18575	25	#0	QAM16	45.14	29.2	PASS
1	5	18575	25	#0	QAM16	46.06	32.2	PASS
1	5	18575	25	#0	QAM16	52.00	35.2	PASS
1	10	18050	12	#0	QPSK	53.83	35.2	PASS
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1	10	18050	12	#0	QPSK	46.50	29.2	PASS
1	10	18050	12	#0	QPSK	0.00	0	PASS
1	10	18050	12	#0	QPSK	44.88	29.2	PASS

1	10	18050	12	#0	QPSK		49.76	32.2	PASS
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1	10	18050	12	#Max	QPSK		50.18	35.2	PASS
1	10	18050	12	#Max	QPSK		50.97	32.2	PASS
1	10	18050	12	#Max	QPSK		46.26	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		44.89	29.2	PASS
1	10	18050	12	#Max	QPSK		45.88	32.2	PASS
1	10	18050	12	#Max	QPSK		54.28	35.2	PASS
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1	10	18050	50	#0	QPSK		45.99	29.2	PASS
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1	10	18050	50	#0	QPSK		46.54	32.2	PASS
1	10	18050	50	#0	QPSK		49.99	35.2	PASS
1	10	18050	12	#0	QAM16		52.89	35.2	PASS
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1	10	18050	12	#0	QAM16		46.38	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
1	10	18050	12	#0	QAM16		44.92	29.2	PASS
1	10	18050	12	#0	QAM16		49.70	32.2	PASS
1	10	18050	12	#0	QAM16		48.88	35.2	PASS
1	10	18050	12	#Max	QAM16		50.82	35.2	PASS
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1	10	18050	12	#Max	QAM16		46.85	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		45.08	29.2	PASS
1	10	18050	12	#Max	QAM16		46.38	32.2	PASS
1	10	18050	12	#Max	QAM16		53.36	35.2	PASS
1	10	18050	50	#0	QAM16		50.68	35.2	PASS
1	10	18050	50	#0	QAM16		48.66	32.2	PASS
1	10	18050	50	#0	QAM16		45.84	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		44.56	29.2	PASS
1	10	18050	50	#0	QAM16		46.98	32.2	PASS
1	10	18050	50	#0	QAM16		50.16	35.2	PASS
1	10	18300	12	#0	QPSK		53.49	35.2	PASS
1	10	18300	12	#0	QPSK		46.78	32.2	PASS
1	10	18300	12	#0	QPSK		45.54	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
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1	10	18300	12	#0	QPSK		50.46	32.2	PASS

1	10	18300	12	#0	QPSK		49.65	35.2	PASS
1	10	18300	12	#Max	QPSK		49.42	35.2	PASS
1	10	18300	12	#Max	QPSK		50.23	32.2	PASS
1	10	18300	12	#Max	QPSK		45.56	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		44.49	29.2	PASS
1	10	18300	12	#Max	QPSK		45.53	32.2	PASS
1	10	18300	12	#Max	QPSK		53.99	35.2	PASS
1	10	18300	50	#0	QPSK		50.76	35.2	PASS
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1	10	18300	50	#0	QPSK		46.28	29.2	PASS
1	10	18300	50	#0	QPSK		0.00	0	PASS
1	10	18300	50	#0	QPSK		45.43	29.2	PASS
1	10	18300	50	#0	QPSK		47.88	32.2	PASS
1	10	18300	50	#0	QPSK		50.86	35.2	PASS
1	10	18300	12	#0	QAM16		52.58	35.2	PASS
1	10	18300	12	#0	QAM16		47.67	32.2	PASS
1	10	18300	12	#0	QAM16		45.89	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		45.83	29.2	PASS
1	10	18300	12	#0	QAM16		50.30	32.2	PASS
1	10	18300	12	#0	QAM16		49.91	35.2	PASS
1	10	18300	12	#Max	QAM16		49.21	35.2	PASS
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1	10	18300	12	#Max	QAM16		45.46	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		45.22	29.2	PASS
1	10	18300	12	#Max	QAM16		46.74	32.2	PASS
1	10	18300	12	#Max	QAM16		53.04	35.2	PASS
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1	10	18300	50	#0	QAM16		45.71	29.2	PASS
1	10	18300	50	#0	QAM16		0.00	0	PASS
1	10	18300	50	#0	QAM16		45.18	29.2	PASS
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1	10	18550	12	#0	QPSK		53.45	35.2	PASS
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1	10	18550	12	#0	QPSK		46.89	29.2	PASS
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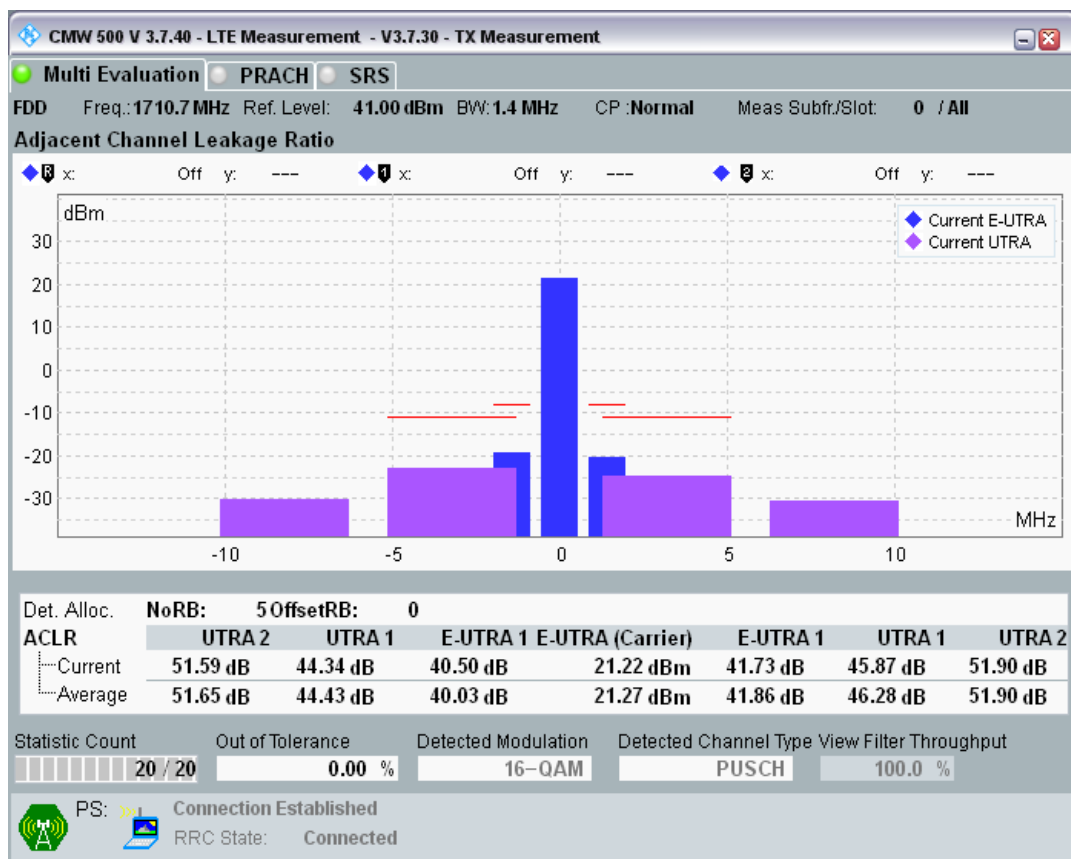
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1	10	18550	12	#Max	QPSK		46.17	29.2	PASS
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1	10	18550	50	#0	QPSK		43.92	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		44.09	29.2	PASS
1	10	18550	50	#0	QPSK		45.99	32.2	PASS
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1	10	18550	12	#0	QAM16		52.49	35.2	PASS
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1	10	18550	12	#0	QAM16		44.36	29.2	PASS
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1	10	18550	12	#0	QAM16		46.68	29.2	PASS
1	10	18550	12	#0	QAM16		50.95	32.2	PASS
1	10	18550	12	#0	QAM16		50.67	35.2	PASS
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1	10	18550	12	#Max	QAM16		50.51	32.2	PASS
1	10	18550	12	#Max	QAM16		46.09	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		43.87	29.2	PASS
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1	10	18550	12	#Max	QAM16		53.13	35.2	PASS
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1	10	18550	50	#0	QAM16		45.81	32.2	PASS
1	10	18550	50	#0	QAM16		43.63	29.2	PASS
1	10	18550	50	#0	QAM16		0.00	0	PASS
1	10	18550	50	#0	QAM16		43.80	29.2	PASS
1	10	18550	50	#0	QAM16		45.80	32.2	PASS
1	10	18550	50	#0	QAM16		50.09	35.2	PASS
1	20	18100	18	#0	QPSK		53.18	35.2	PASS
1	20	18100	18	#0	QPSK		48.55	32.2	PASS
1	20	18100	18	#0	QPSK		45.78	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		43.85	29.2	PASS
1	20	18100	18	#0	QPSK		53.88	32.2	PASS
1	20	18100	18	#0	QPSK		52.45	35.2	PASS
1	20	18100	18	#Max	QPSK		52.68	35.2	PASS

1	20	18100	18	#Max	QPSK		53.51	32.2	PASS
1	20	18100	18	#Max	QPSK		46.09	29.2	PASS
1	20	18100	18	#Max	QPSK		0.00	0	PASS
1	20	18100	18	#Max	QPSK		44.96	29.2	PASS
1	20	18100	18	#Max	QPSK		46.27	32.2	PASS
1	20	18100	18	#Max	QPSK		53.98	35.2	PASS
1	20	18100	100	#0	QPSK		51.23	35.2	PASS
1	20	18100	100	#0	QPSK		50.40	32.2	PASS
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1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		43.50	29.2	PASS
1	20	18100	100	#0	QPSK		48.73	32.2	PASS
1	20	18100	100	#0	QPSK		49.77	35.2	PASS
1	20	18100	18	#0	QAM16		52.05	35.2	PASS
1	20	18100	18	#0	QAM16		48.31	32.2	PASS
1	20	18100	18	#0	QAM16		45.08	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.72	29.2	PASS
1	20	18100	18	#0	QAM16		52.75	32.2	PASS
1	20	18100	18	#0	QAM16		52.05	35.2	PASS
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1	20	18100	18	#Max	QAM16		52.18	32.2	PASS
1	20	18100	18	#Max	QAM16		45.19	29.2	PASS
1	20	18100	18	#Max	QAM16		0.00	0	PASS
1	20	18100	18	#Max	QAM16		44.77	29.2	PASS
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1	20	18100	18	#Max	QAM16		52.64	35.2	PASS
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1	20	18100	100	#0	QAM16		49.31	32.2	PASS
1	20	18100	100	#0	QAM16		44.10	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
1	20	18100	100	#0	QAM16		42.95	29.2	PASS
1	20	18100	100	#0	QAM16		48.14	32.2	PASS
1	20	18100	100	#0	QAM16		49.24	35.2	PASS
1	20	18300	18	#0	QPSK		52.92	35.2	PASS
1	20	18300	18	#0	QPSK		47.50	32.2	PASS
1	20	18300	18	#0	QPSK		45.31	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		44.30	29.2	PASS
1	20	18300	18	#0	QPSK		53.79	32.2	PASS
1	20	18300	18	#0	QPSK		52.59	35.2	PASS
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1	20	18300	18	#Max	QPSK		53.03	32.2	PASS

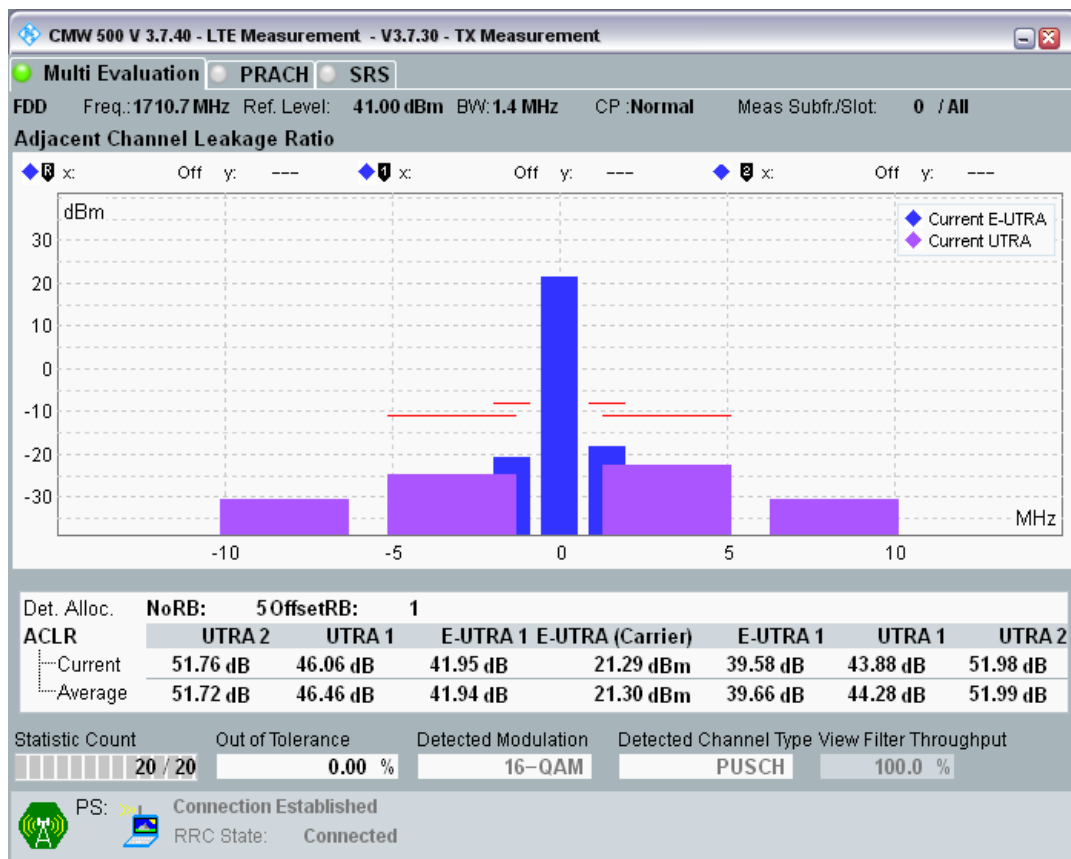
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1	20	18300	18	#Max	QPSK		47.60	32.2	PASS
1	20	18300	18	#Max	QPSK		53.59	35.2	PASS
1	20	18300	100	#0	QPSK		50.33	35.2	PASS
1	20	18300	100	#0	QPSK		49.80	32.2	PASS
1	20	18300	100	#0	QPSK		44.33	29.2	PASS
1	20	18300	100	#0	QPSK		0.00	0	PASS
1	20	18300	100	#0	QPSK		43.46	29.2	PASS
1	20	18300	100	#0	QPSK		48.82	32.2	PASS
1	20	18300	100	#0	QPSK		49.69	35.2	PASS
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1	20	18300	18	#0	QAM16		47.64	32.2	PASS
1	20	18300	18	#0	QAM16		44.77	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		43.99	29.2	PASS
1	20	18300	18	#0	QAM16		52.75	32.2	PASS
1	20	18300	18	#0	QAM16		52.13	35.2	PASS
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1	20	18300	18	#Max	QAM16		51.98	32.2	PASS
1	20	18300	18	#Max	QAM16		44.61	29.2	PASS
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1	20	18300	18	#Max	QAM16		47.70	32.2	PASS
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1	20	18300	100	#0	QAM16		43.95	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		43.36	29.2	PASS
1	20	18300	100	#0	QAM16		48.90	32.2	PASS
1	20	18300	100	#0	QAM16		49.75	35.2	PASS
1	20	18500	18	#0	QPSK		52.62	35.2	PASS
1	20	18500	18	#0	QPSK		46.84	32.2	PASS
1	20	18500	18	#0	QPSK		44.87	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		45.49	29.2	PASS
1	20	18500	18	#0	QPSK		53.51	32.2	PASS
1	20	18500	18	#0	QPSK		52.90	35.2	PASS
1	20	18500	18	#Max	QPSK		52.21	35.2	PASS
1	20	18500	18	#Max	QPSK		53.15	32.2	PASS
1	20	18500	18	#Max	QPSK		45.25	29.2	PASS

1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		43.63	29.2	PASS
1	20	18500	18	#Max	QPSK		43.38	32.2	PASS
1	20	18500	18	#Max	QPSK		53.74	35.2	PASS
1	20	18500	100	#0	QPSK		49.08	35.2	PASS
1	20	18500	100	#0	QPSK		48.06	32.2	PASS
1	20	18500	100	#0	QPSK		43.19	29.2	PASS
1	20	18500	100	#0	QPSK		0.00	0	PASS
1	20	18500	100	#0	QPSK		42.92	29.2	PASS
1	20	18500	100	#0	QPSK		47.19	32.2	PASS
1	20	18500	100	#0	QPSK		48.88	35.2	PASS
1	20	18500	18	#0	QAM16		51.60	35.2	PASS
1	20	18500	18	#0	QAM16		48.23	32.2	PASS
1	20	18500	18	#0	QAM16		44.77	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		45.01	29.2	PASS
1	20	18500	18	#0	QAM16		52.51	32.2	PASS
1	20	18500	18	#0	QAM16		52.17	35.2	PASS
1	20	18500	18	#Max	QAM16		51.42	35.2	PASS
1	20	18500	18	#Max	QAM16		52.14	32.2	PASS
1	20	18500	18	#Max	QAM16		44.60	29.2	PASS
1	20	18500	18	#Max	QAM16		0.00	0	PASS
1	20	18500	18	#Max	QAM16		44.56	29.2	PASS
1	20	18500	18	#Max	QAM16		45.95	32.2	PASS
1	20	18500	18	#Max	QAM16		52.75	35.2	PASS
1	20	18500	100	#0	QAM16		49.34	35.2	PASS
1	20	18500	100	#0	QAM16		48.70	32.2	PASS
1	20	18500	100	#0	QAM16		43.36	29.2	PASS
1	20	18500	100	#0	QAM16		0.00	0	PASS
1	20	18500	100	#0	QAM16		43.42	29.2	PASS
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1	20	18500	100	#0	QAM16		49.55	35.2	PASS

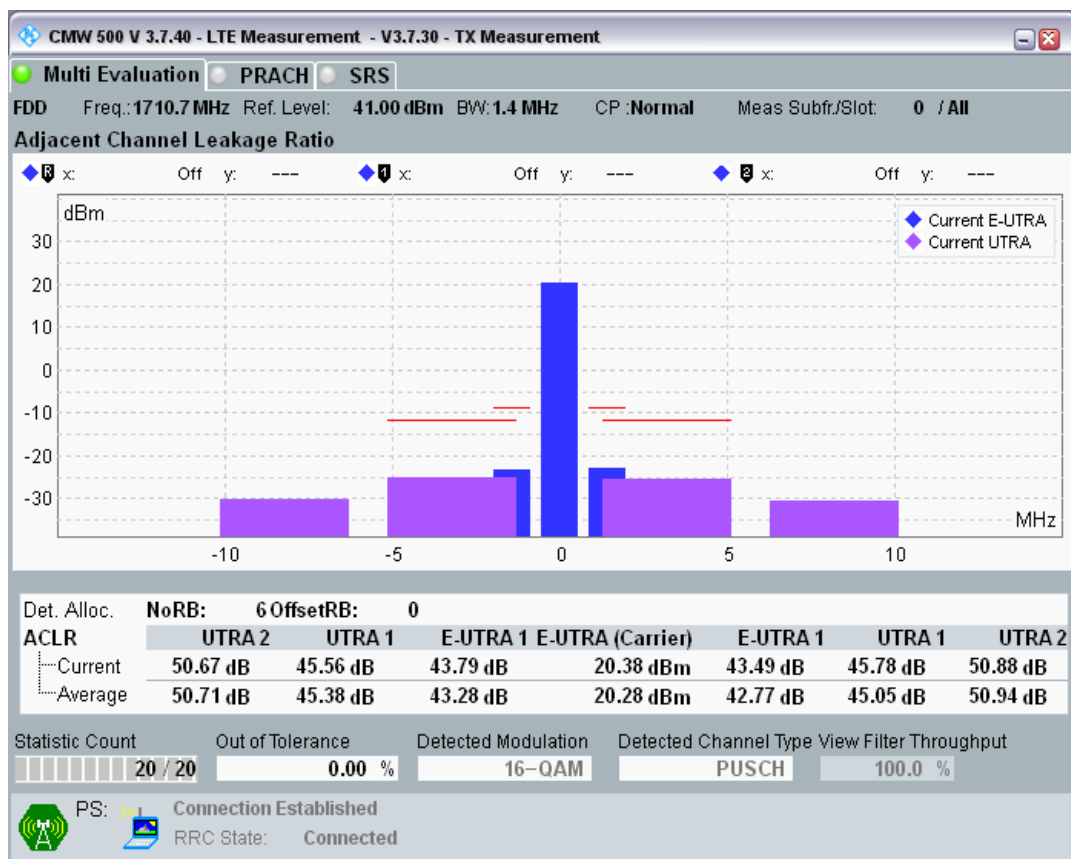
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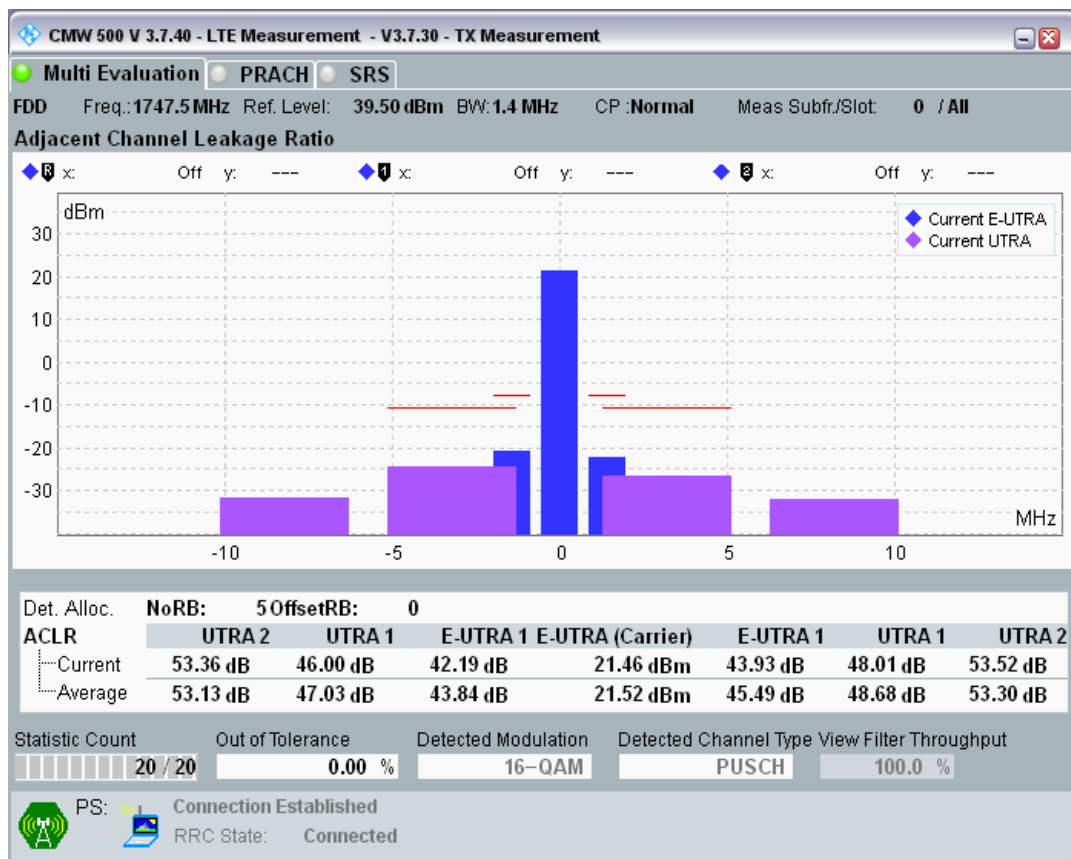
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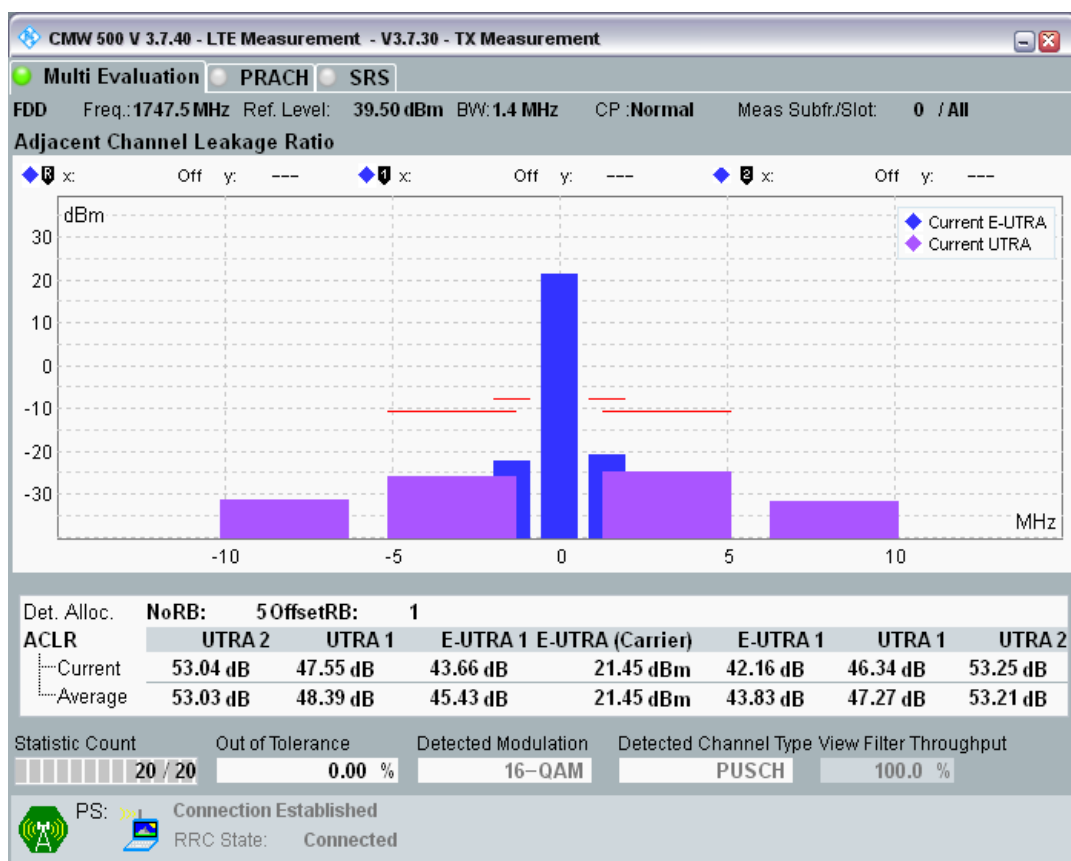
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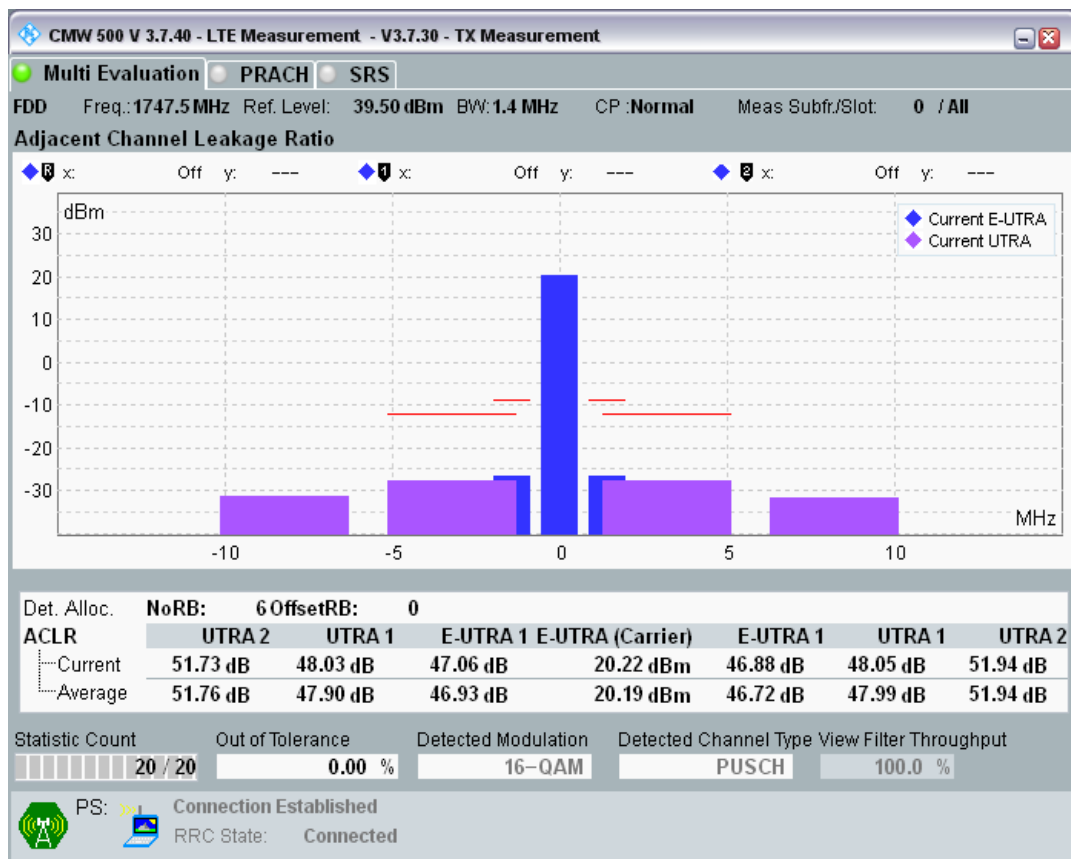
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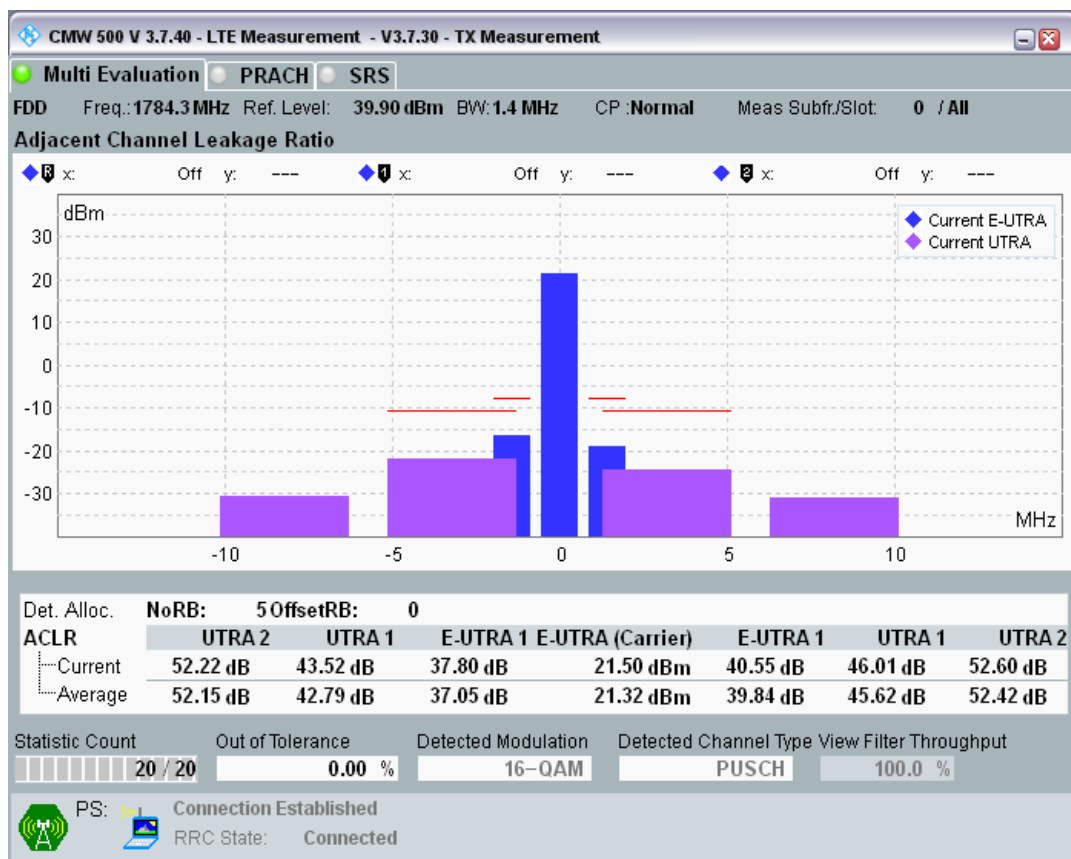
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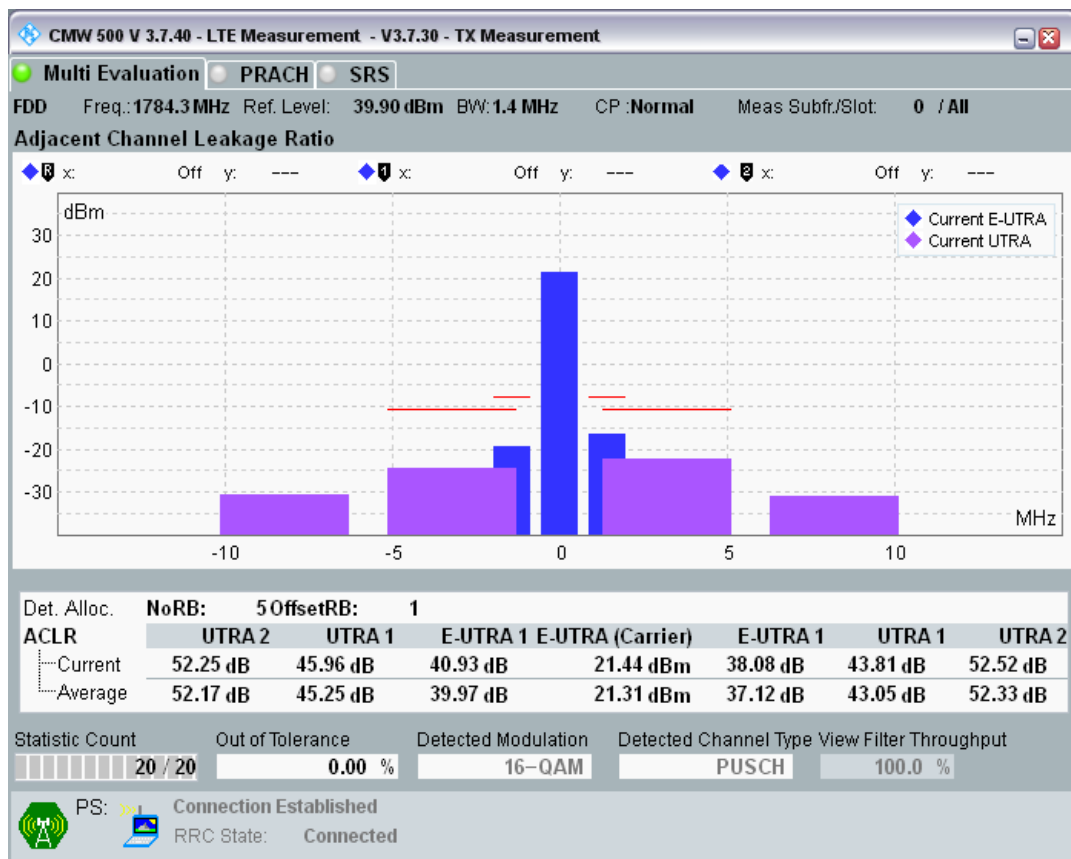
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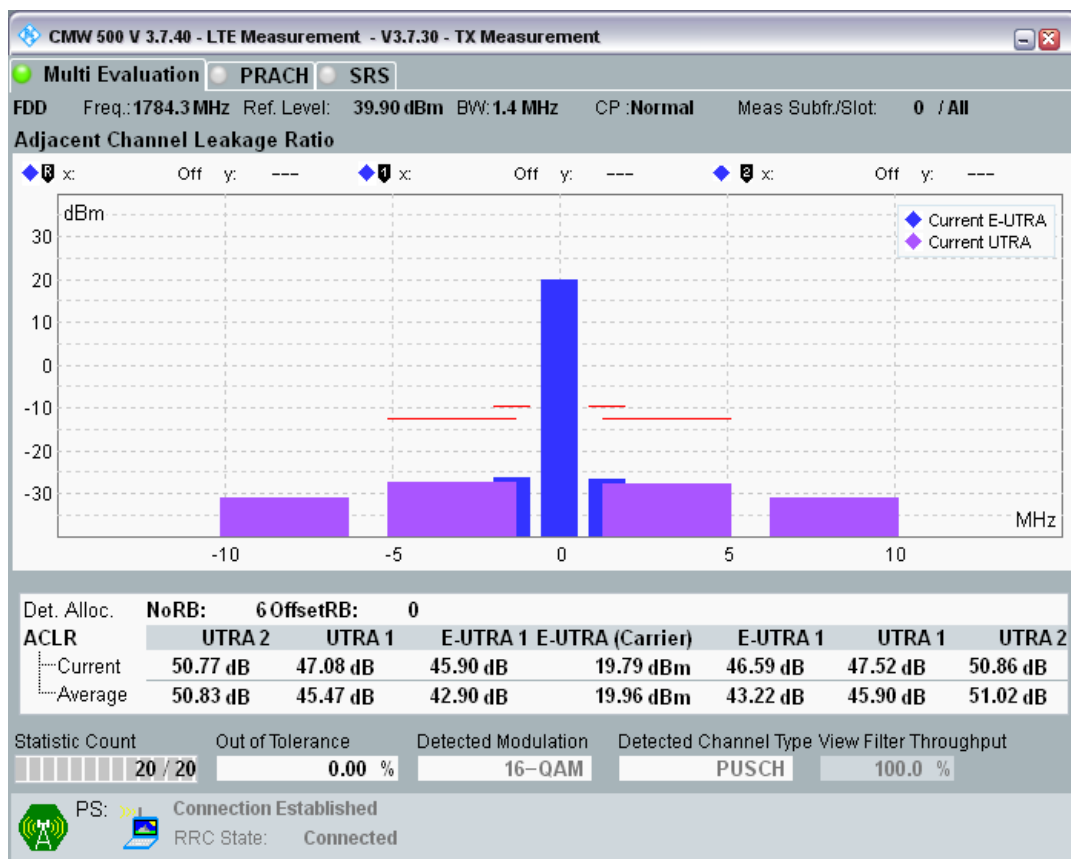
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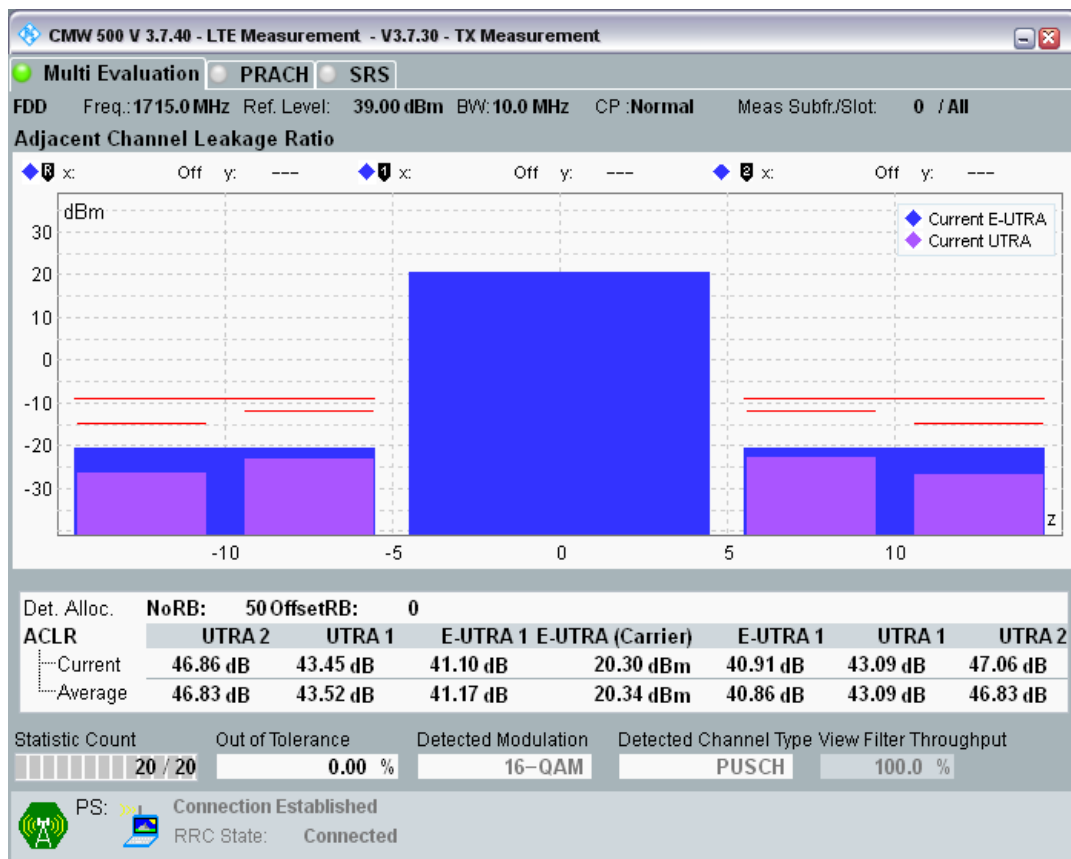
Band3 QAM16 BW=10MHz Channel=19250 RB Size=12 Position=#0.png



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



Band3 QAM16 BW=10MHz Channel=19575 RB Size=12 Position=#0.png



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



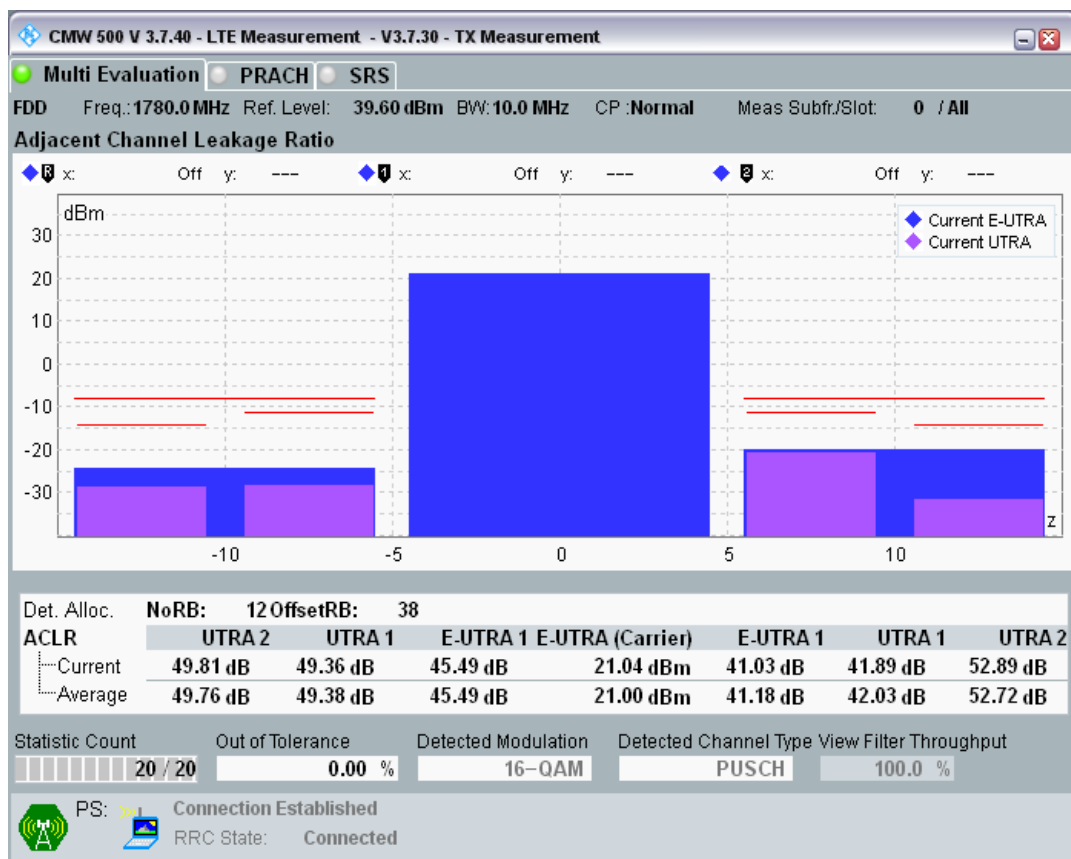
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Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#0.png



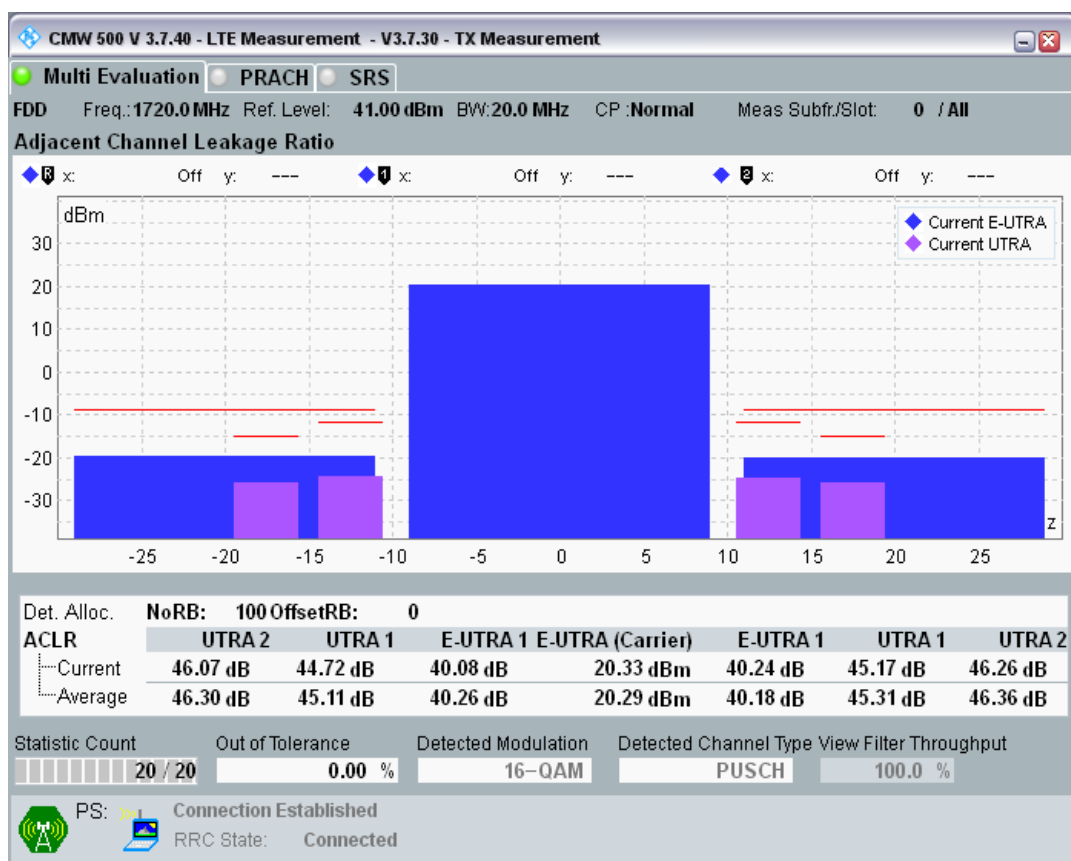
Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#Max.png



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



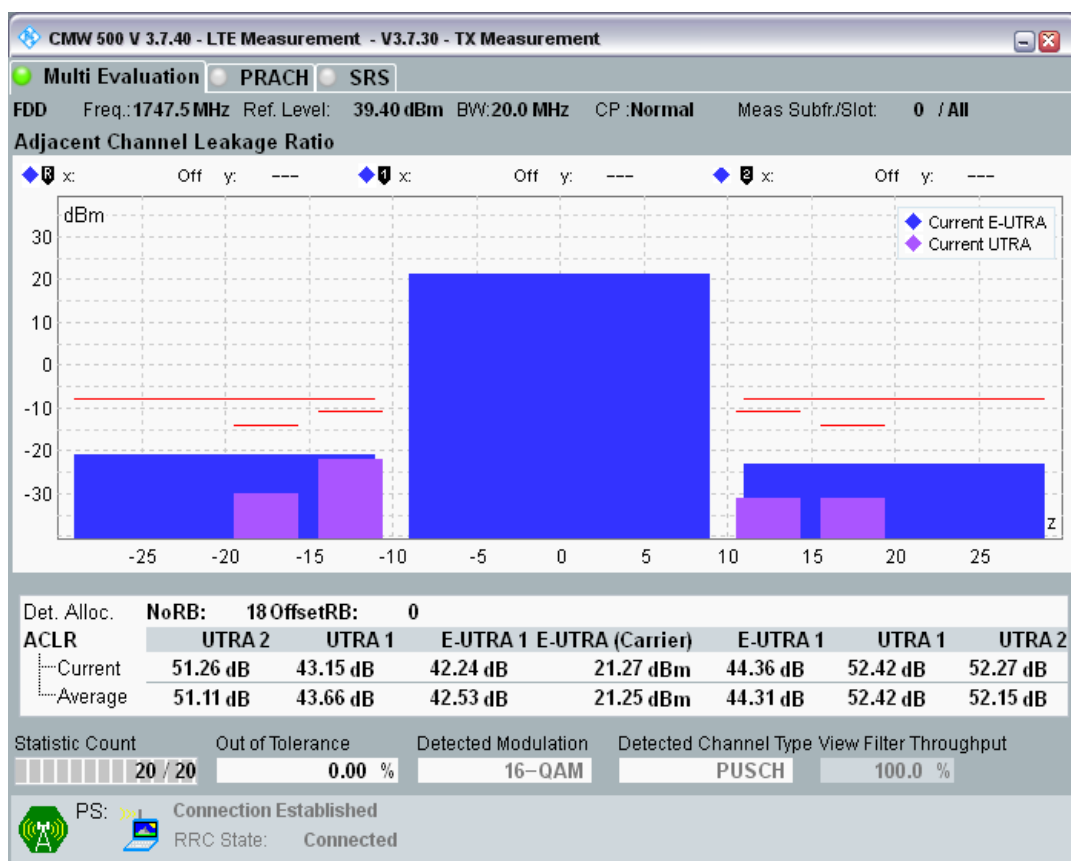
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Band3 QAM16 BW=20MHz Channel=19575 RB Size=100 Position=#0.png



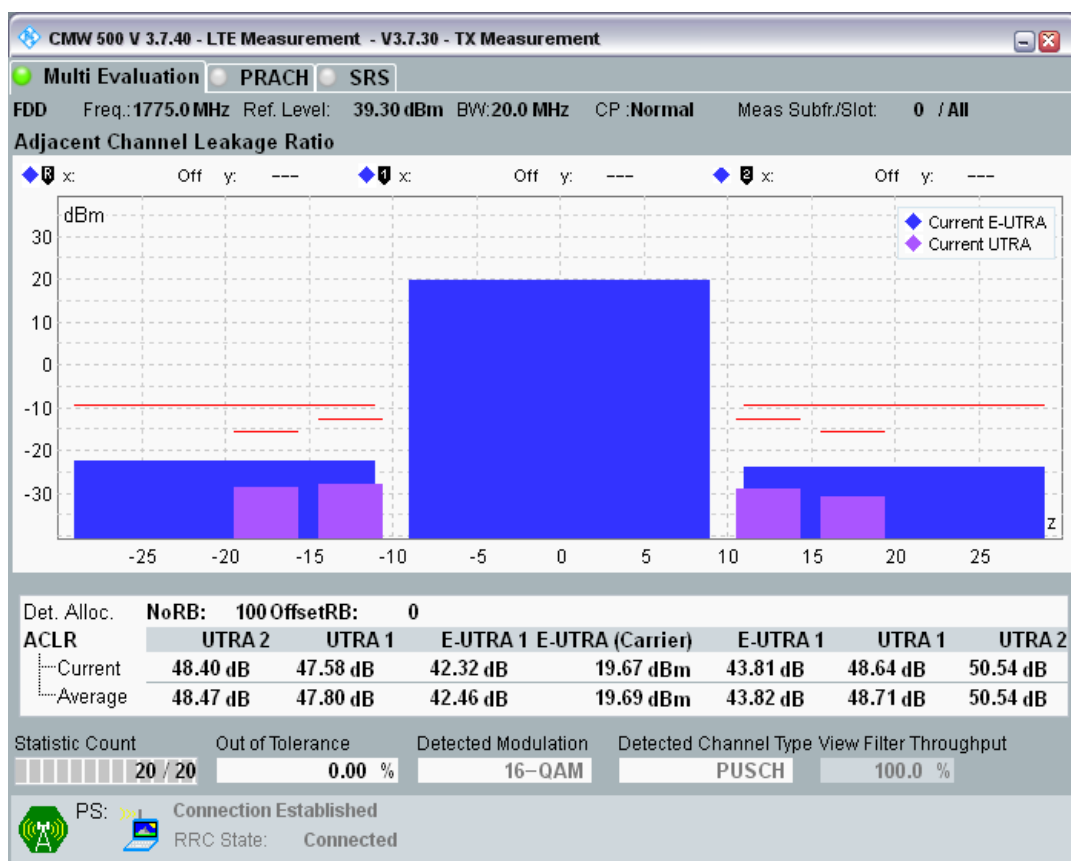
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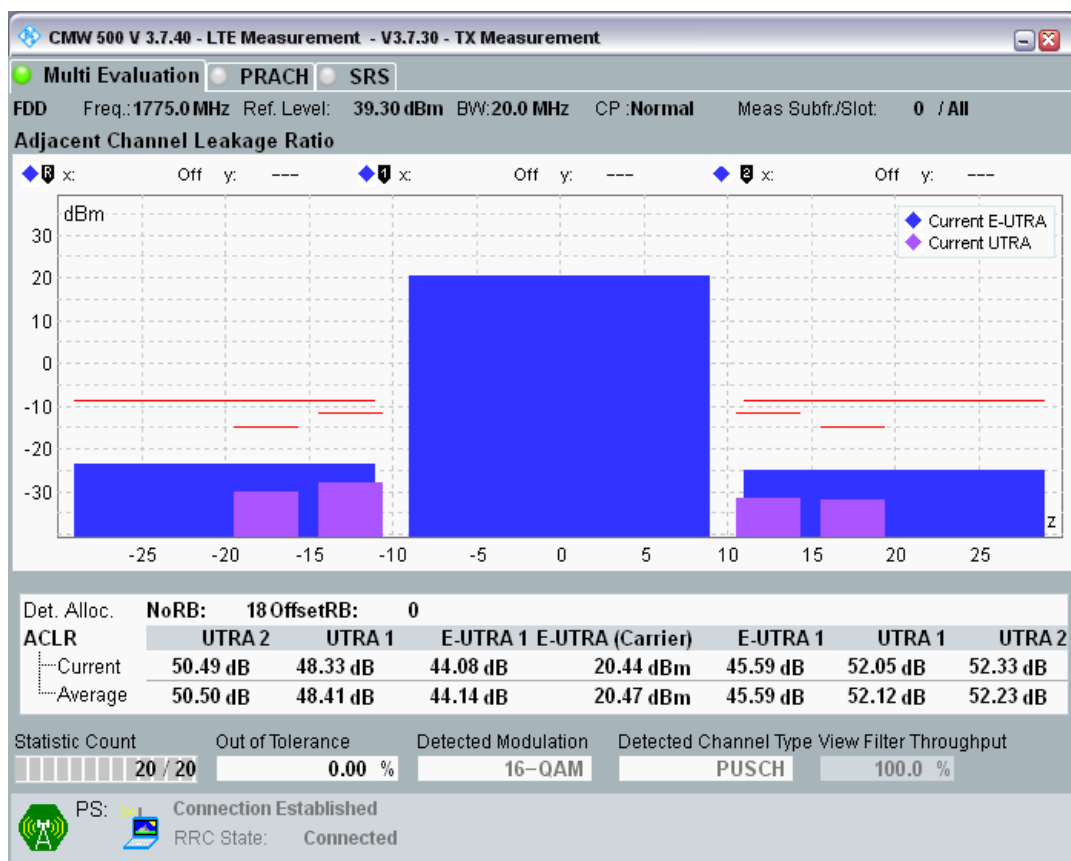
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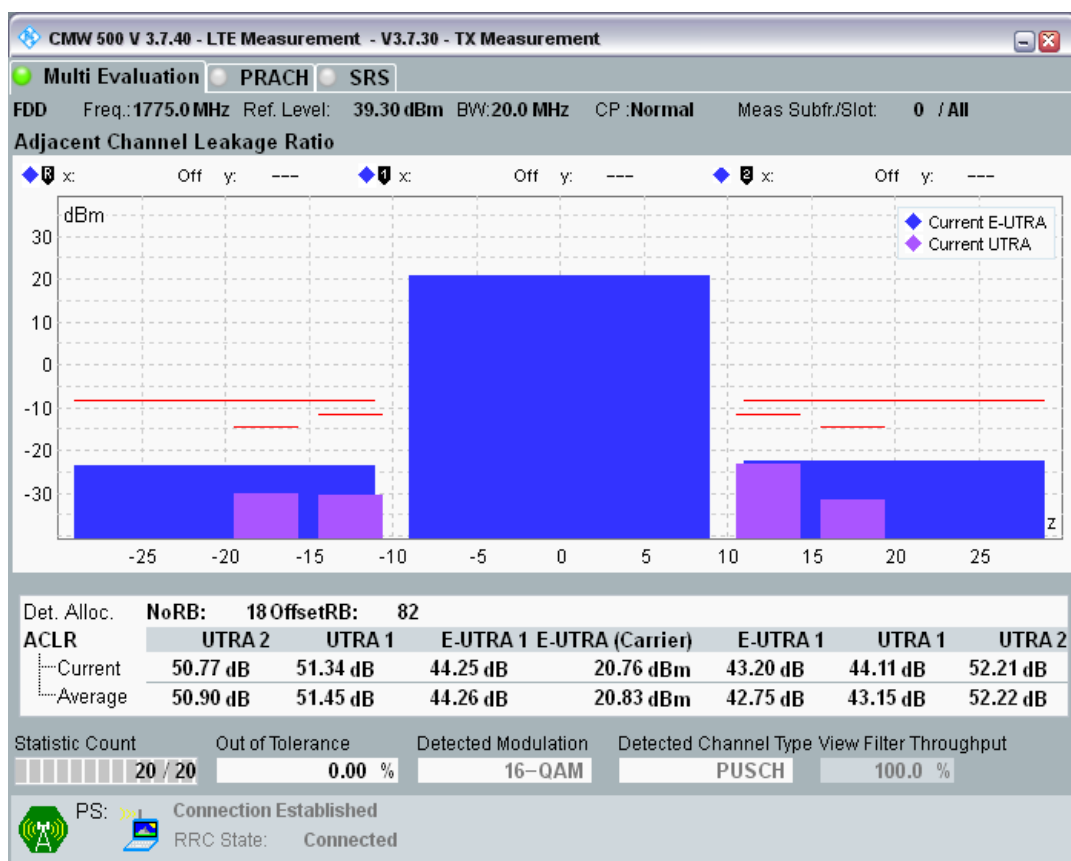
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Band3 QAM16 BW=20MHz Channel=19850 RB Size=18 Position=#0.png



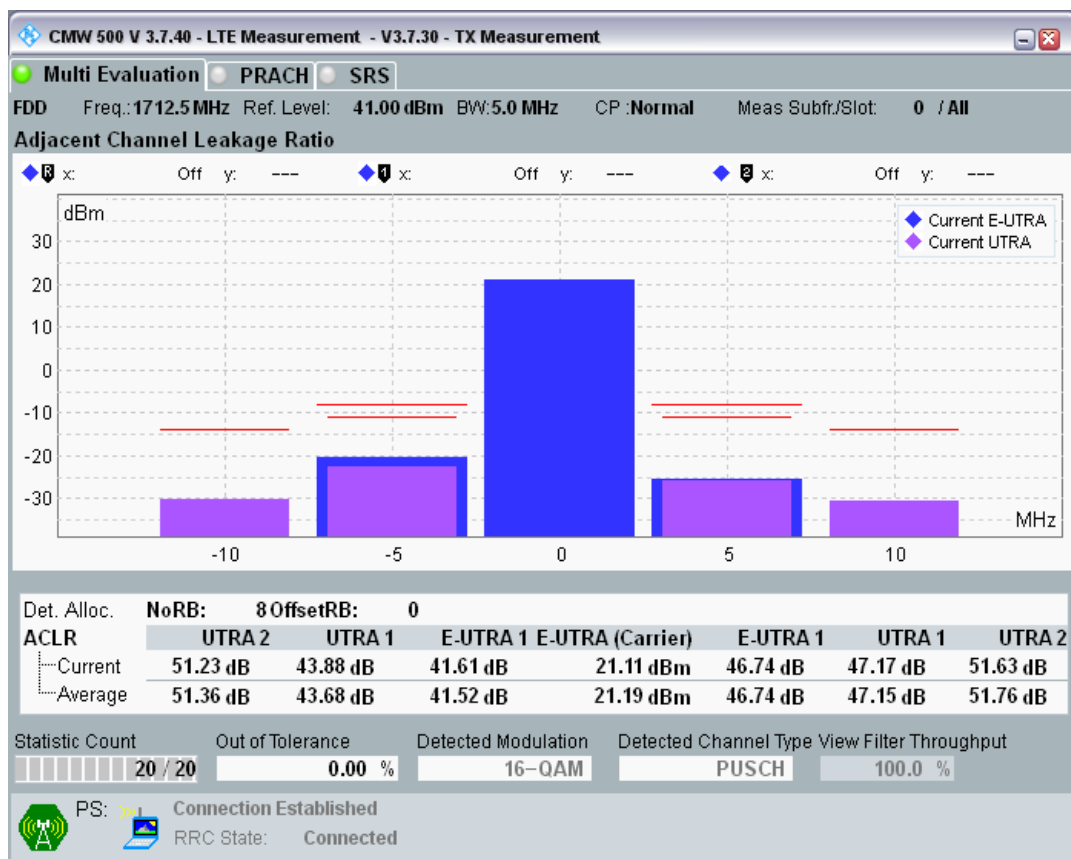
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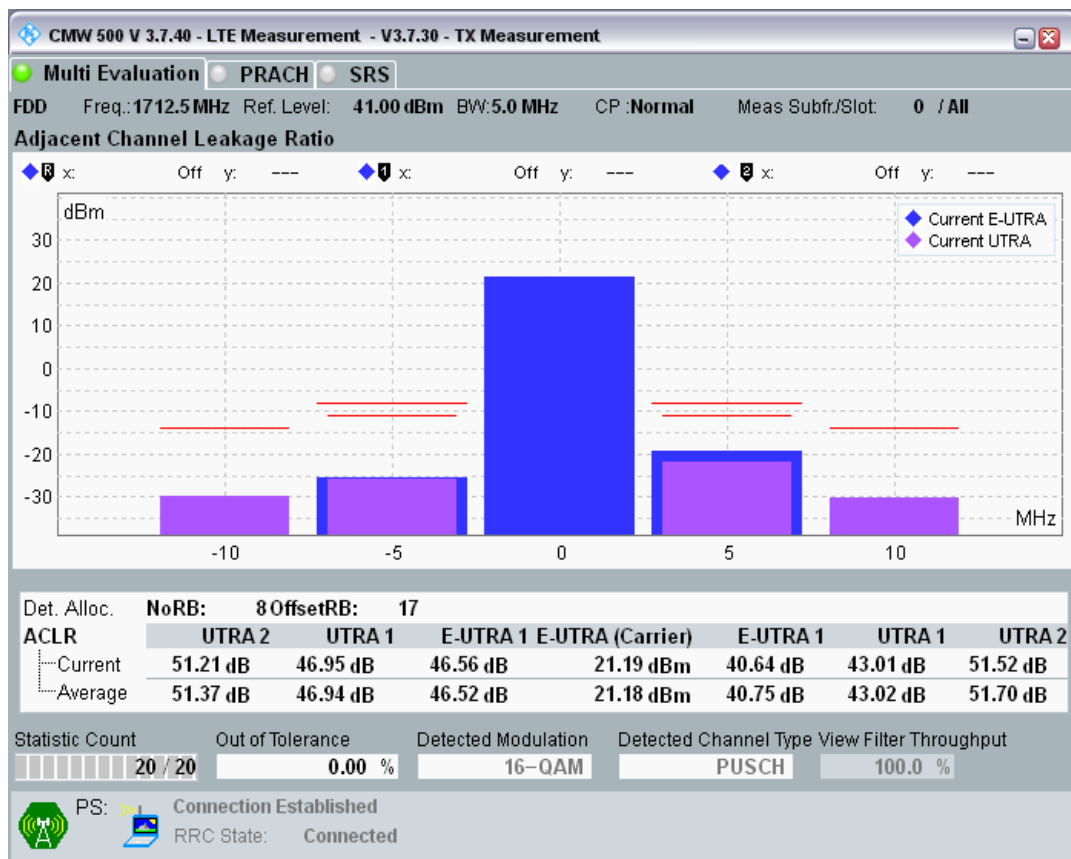
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Band3 QAM16 BW=5MHz Channel=19225 RB Size=8 Position=#0.png



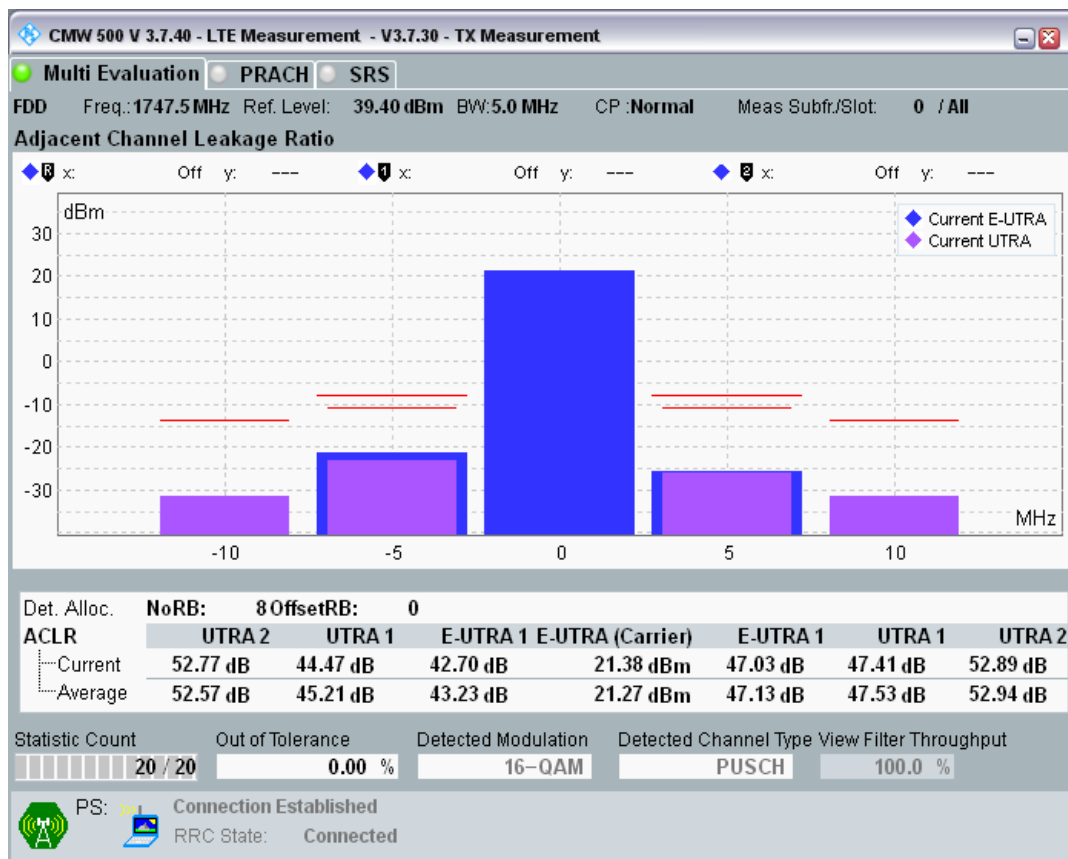
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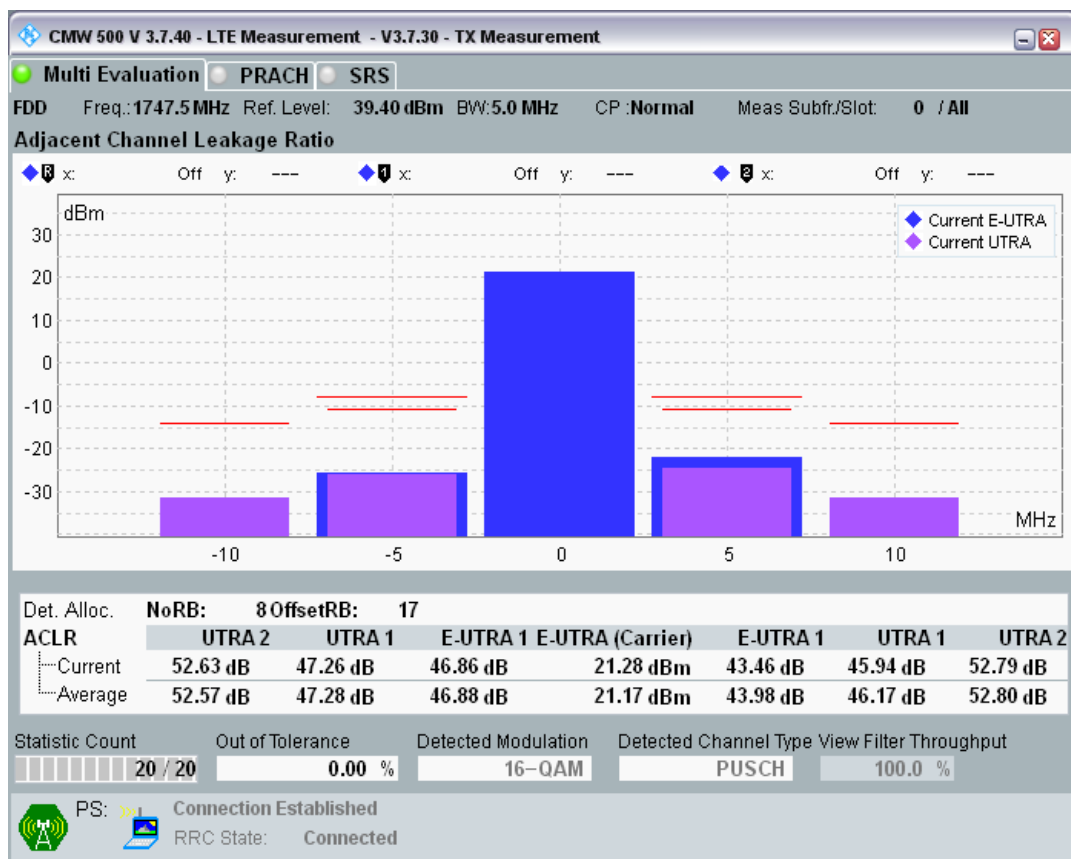
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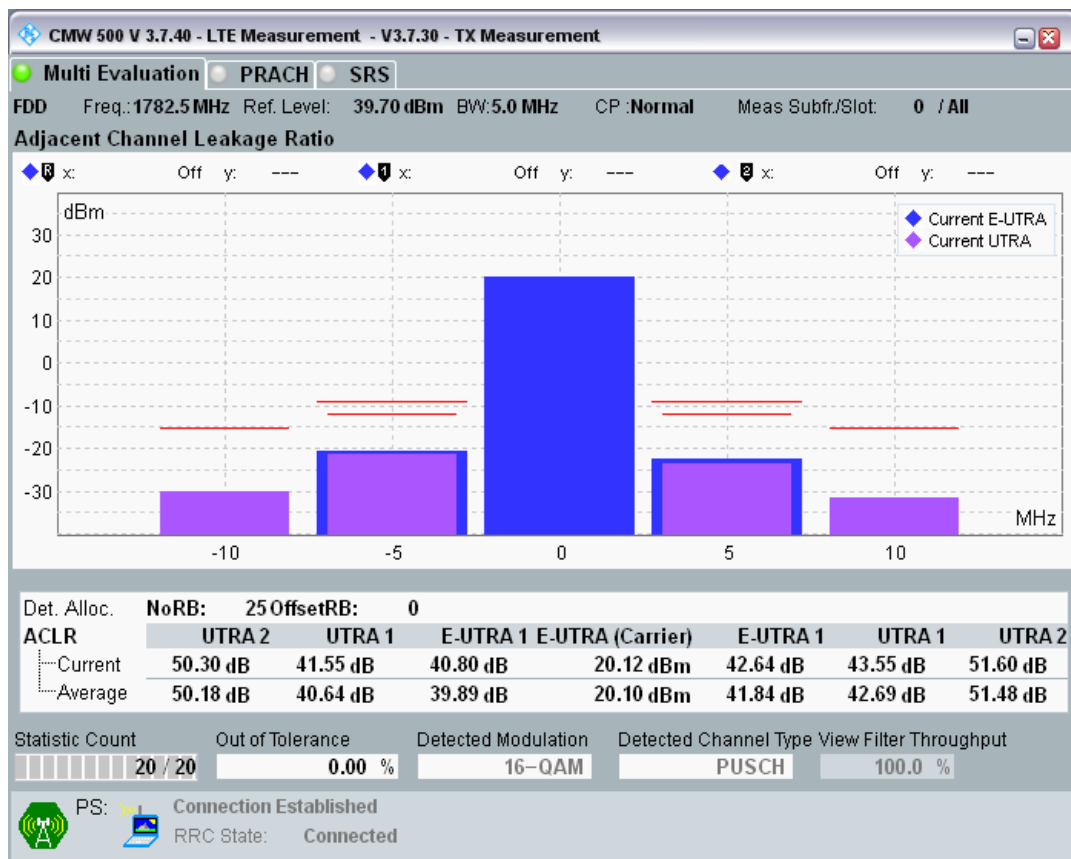
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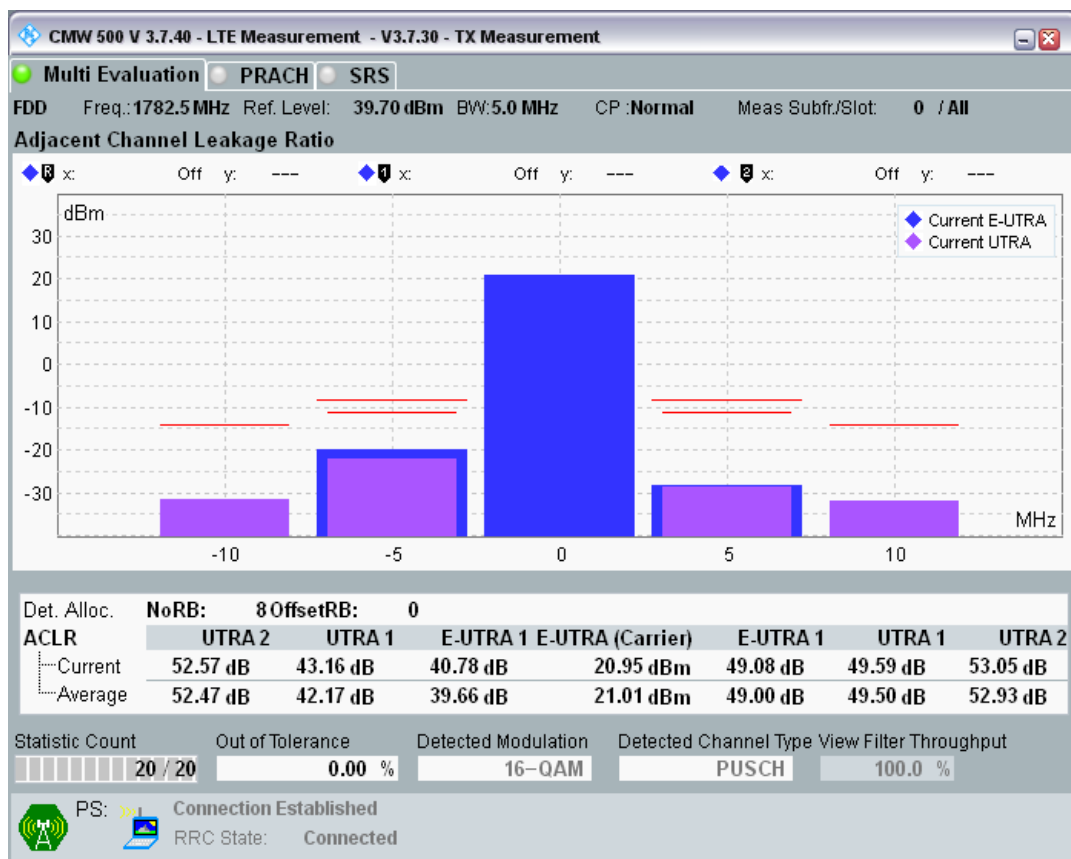
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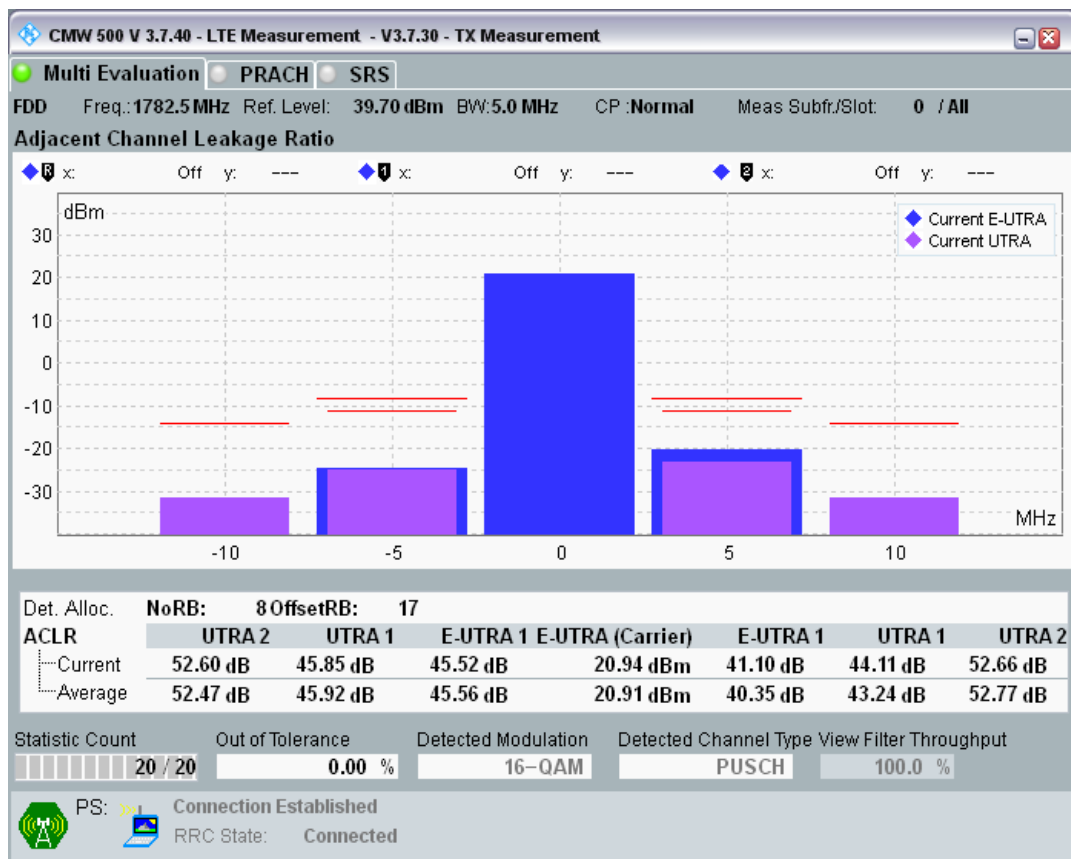
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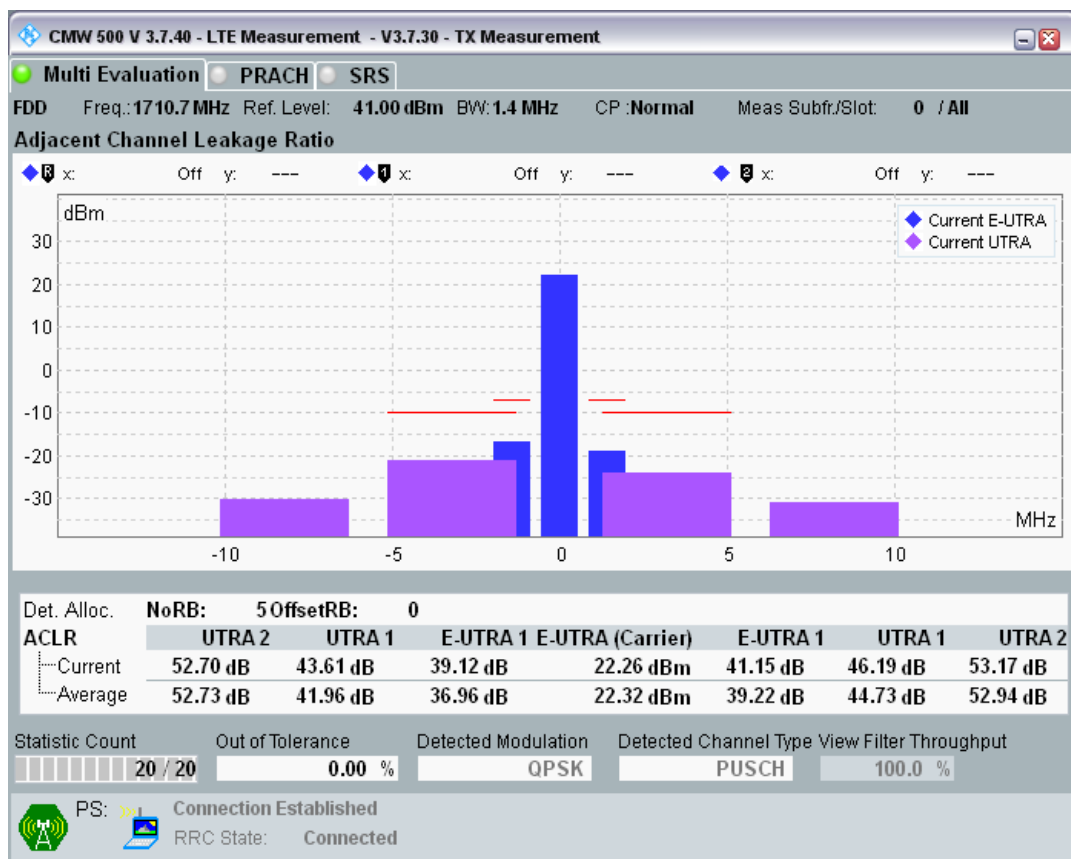
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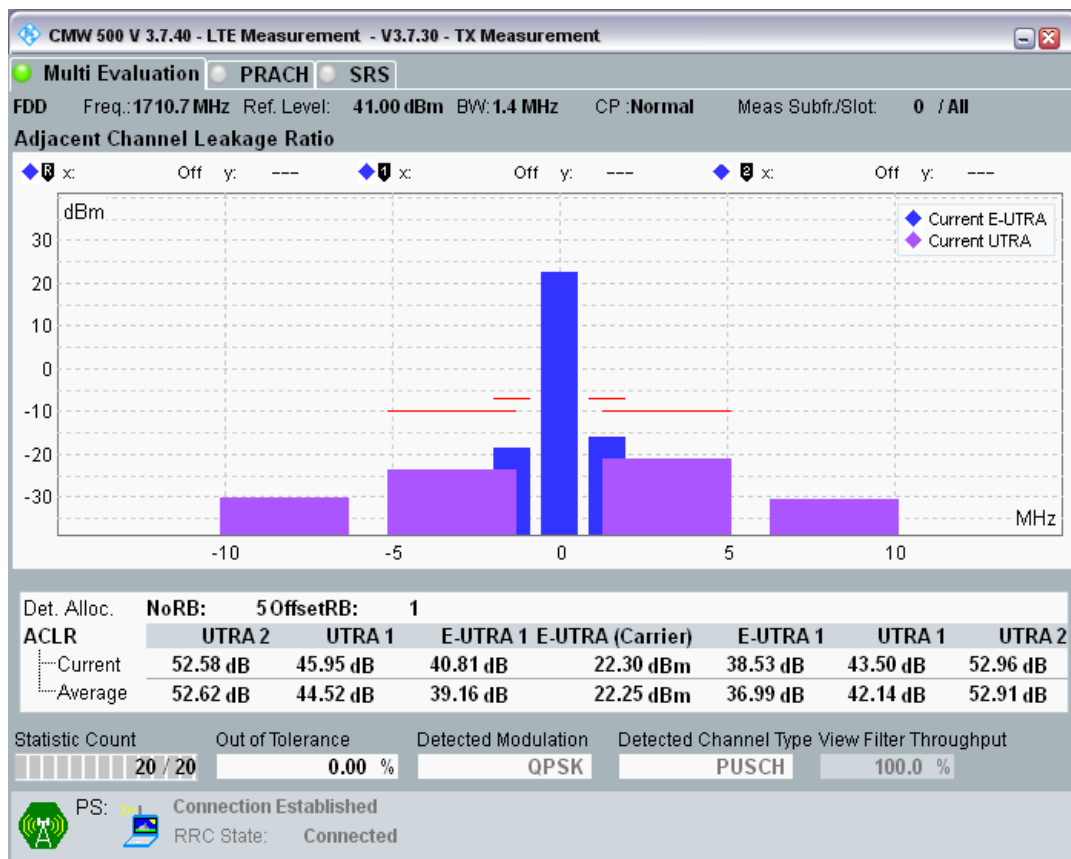
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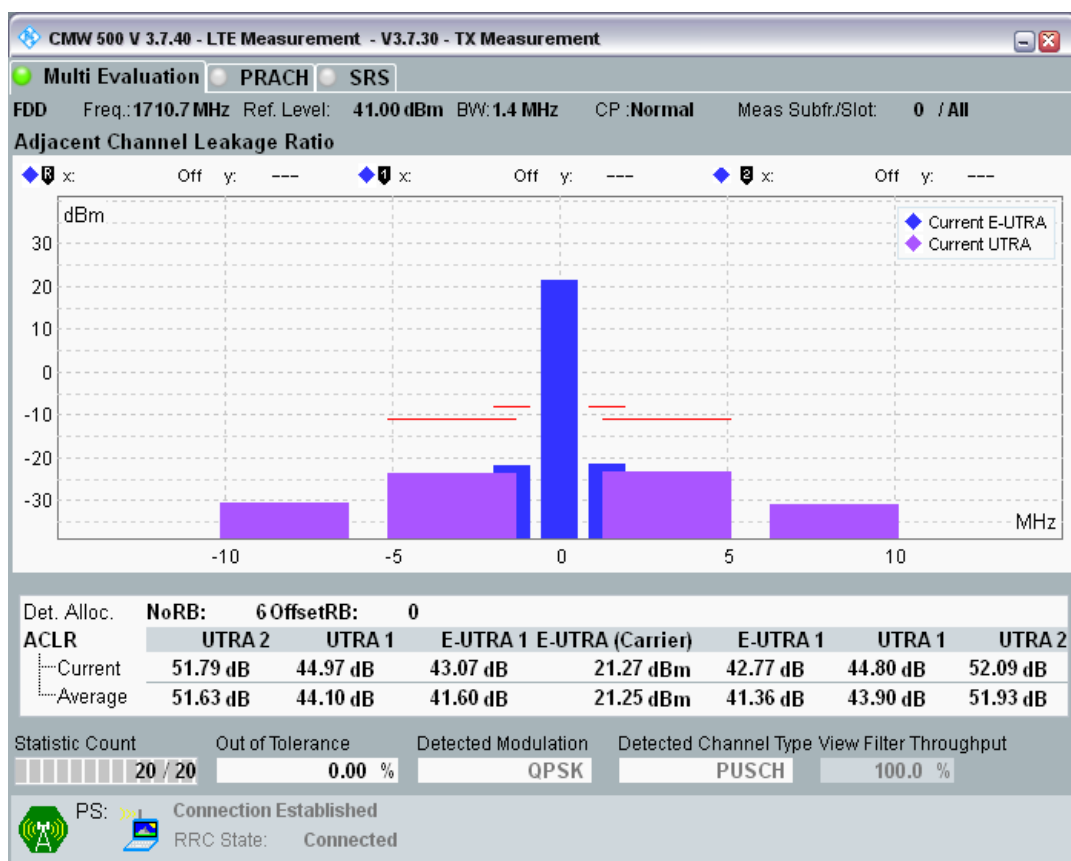
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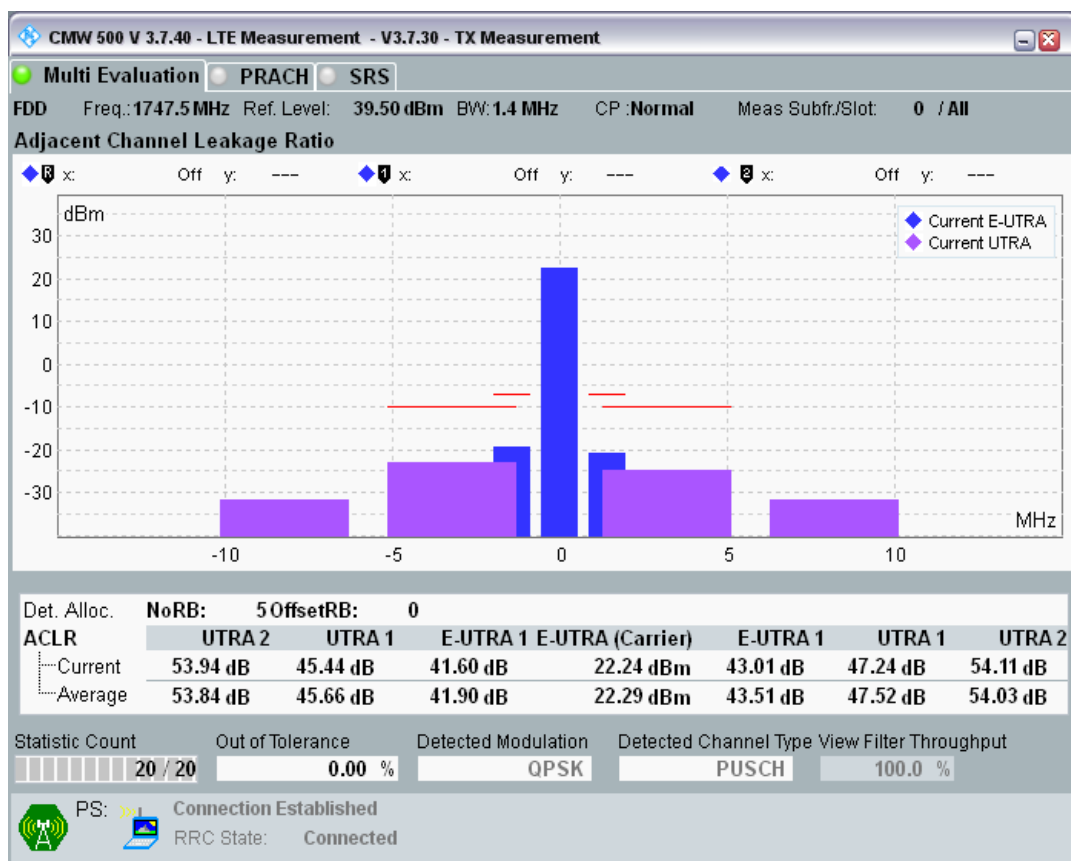
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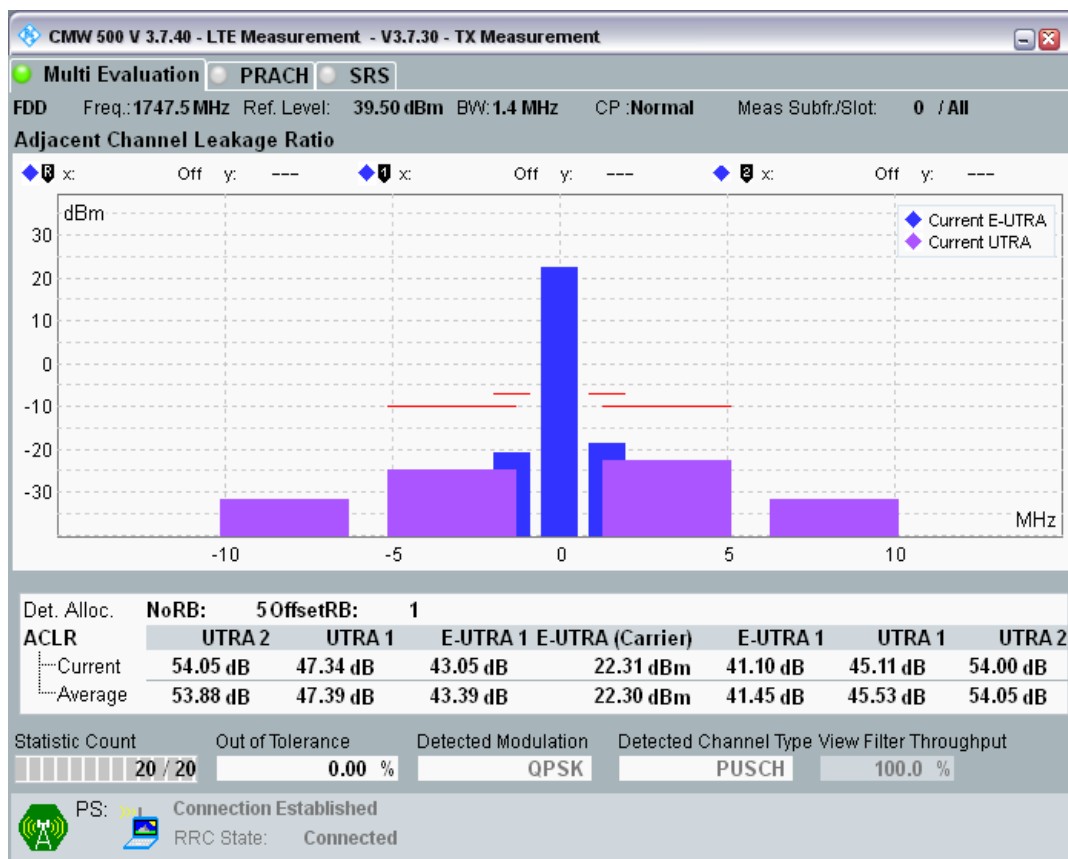
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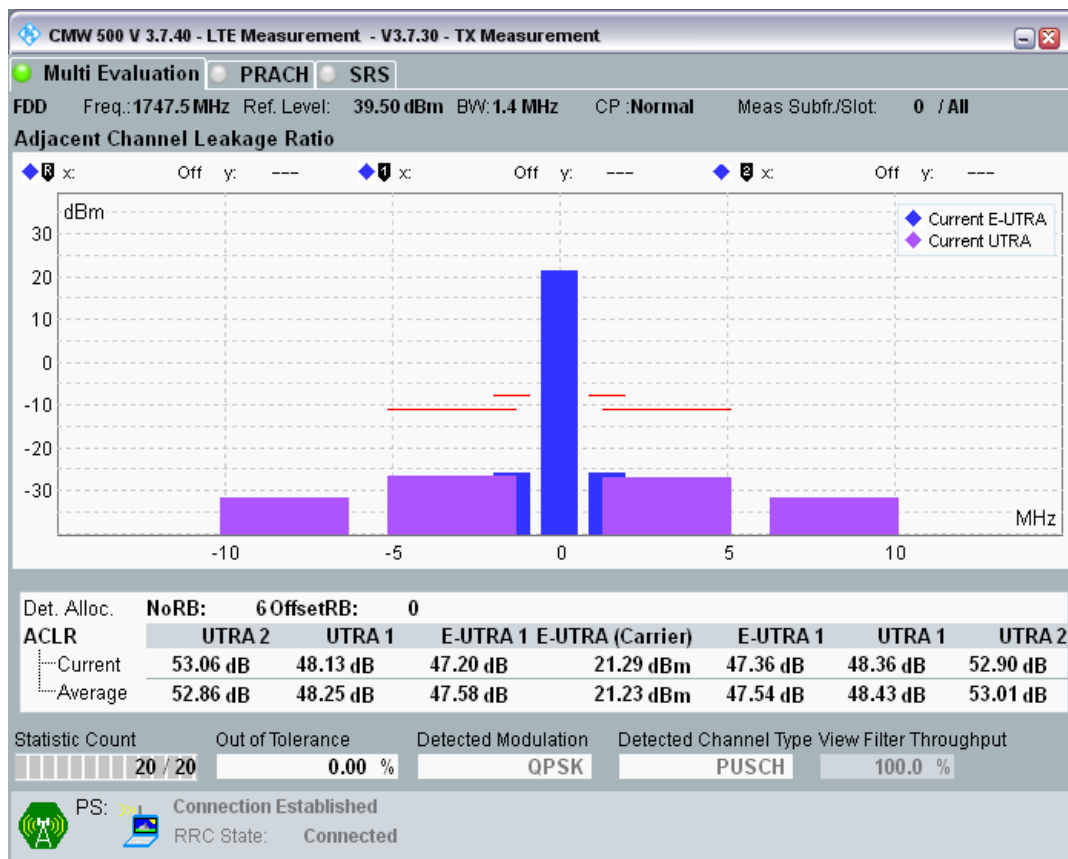
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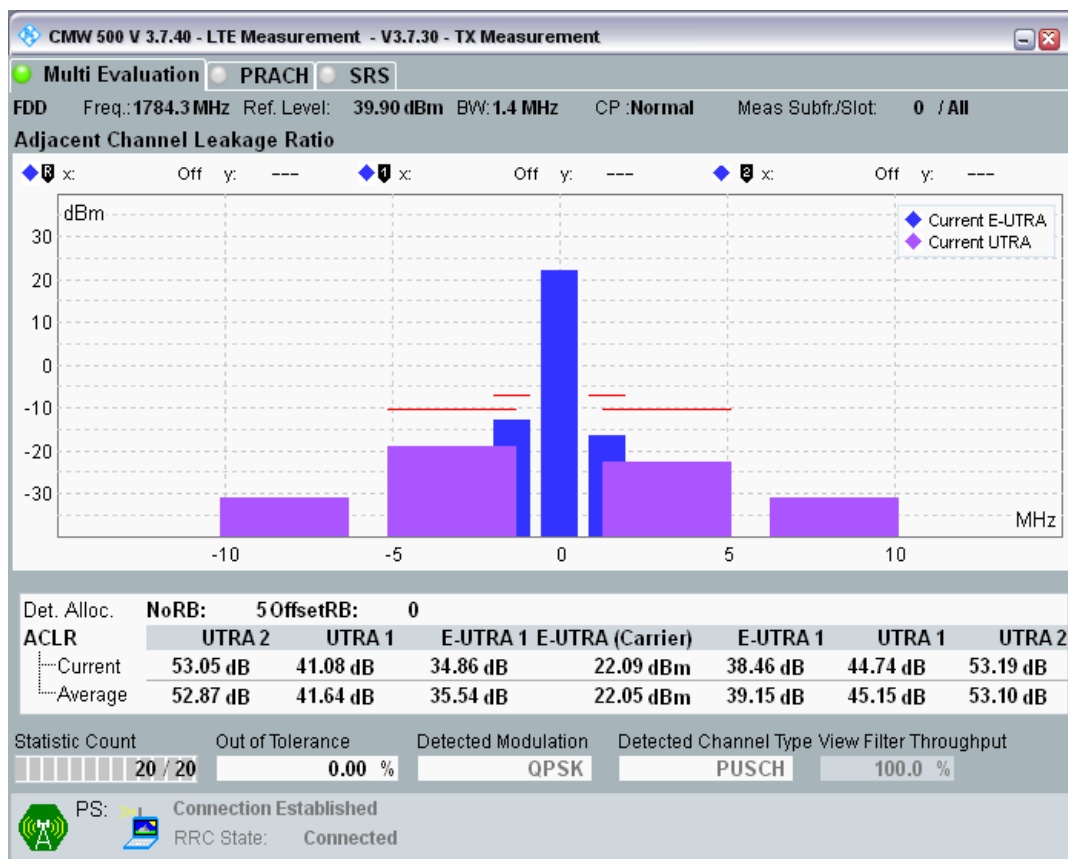
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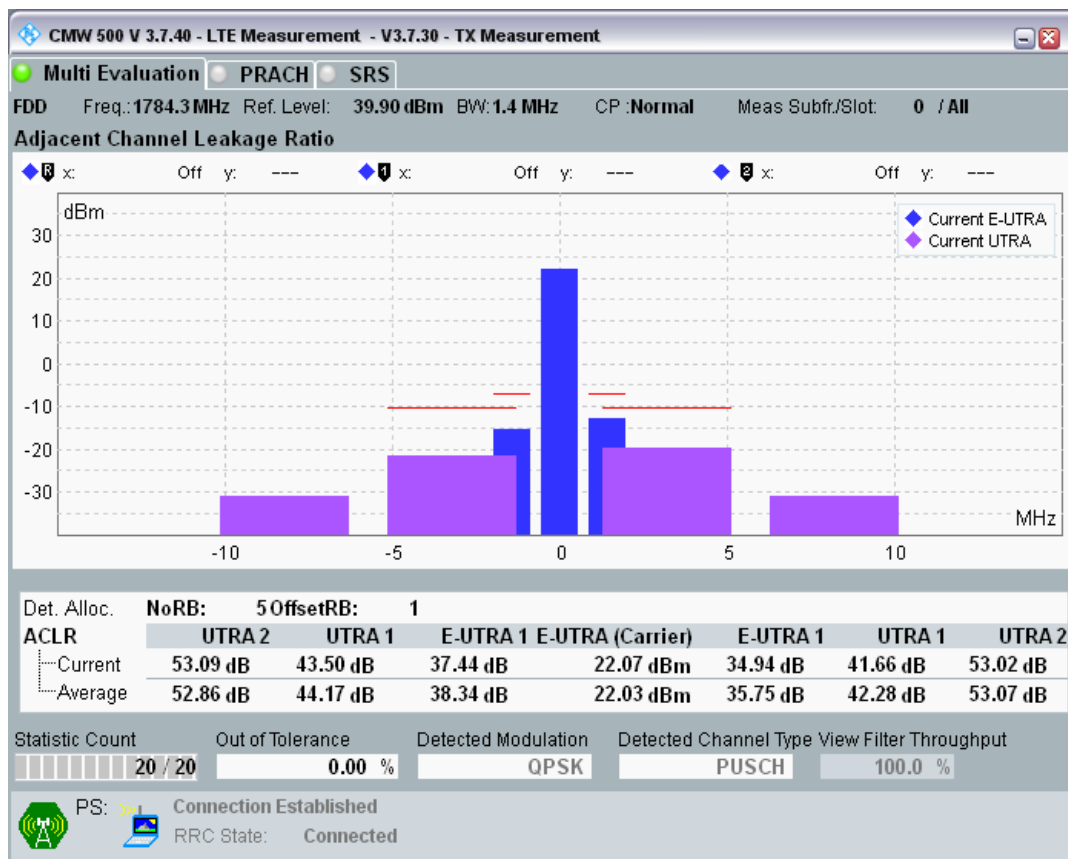
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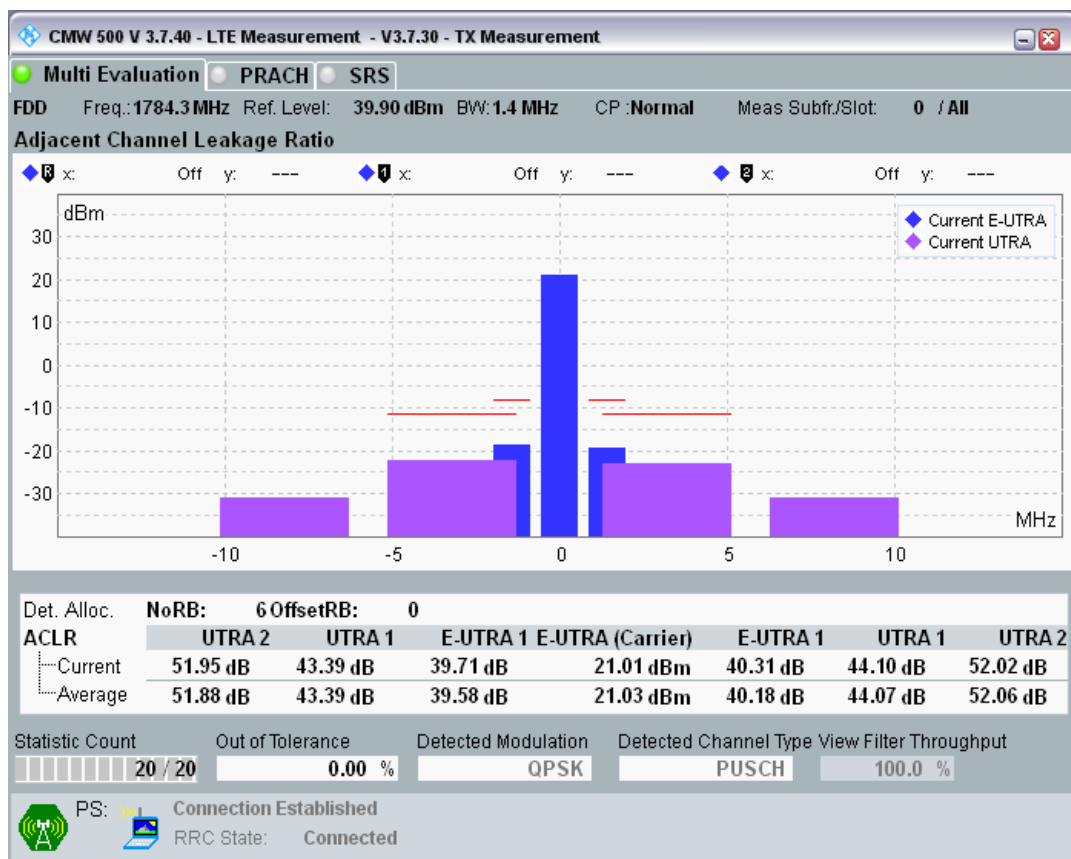
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



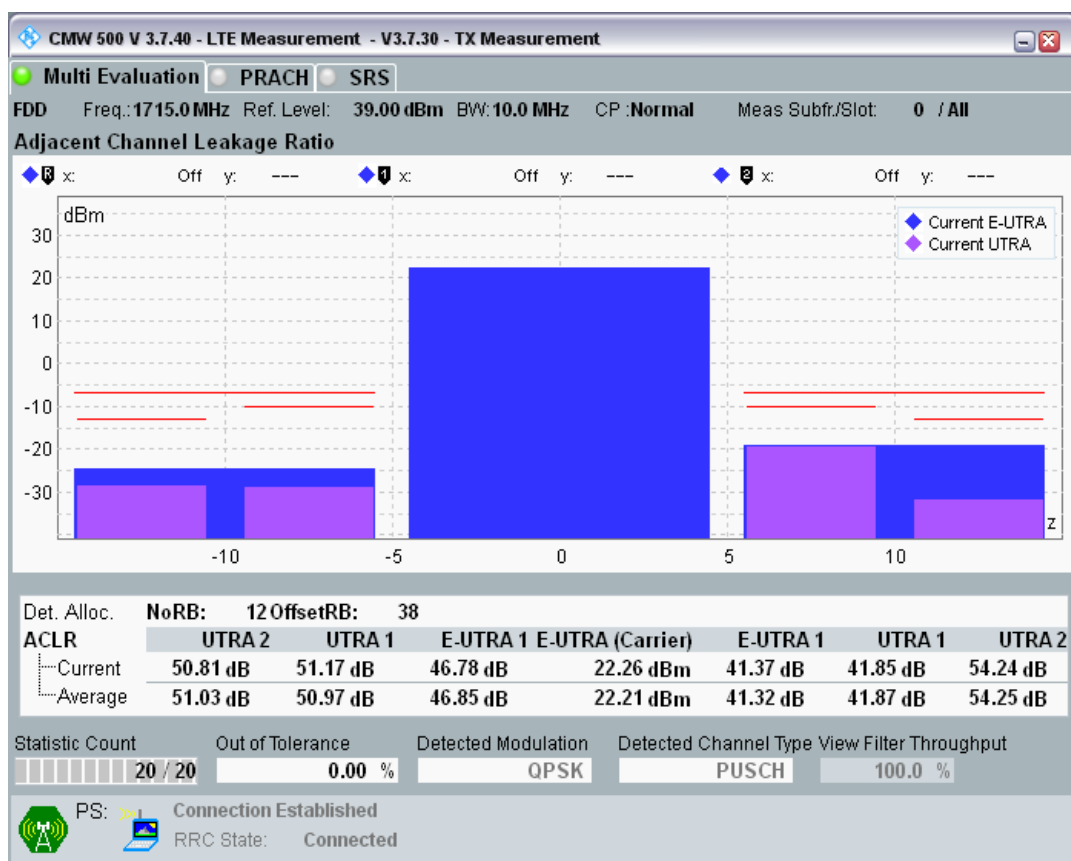
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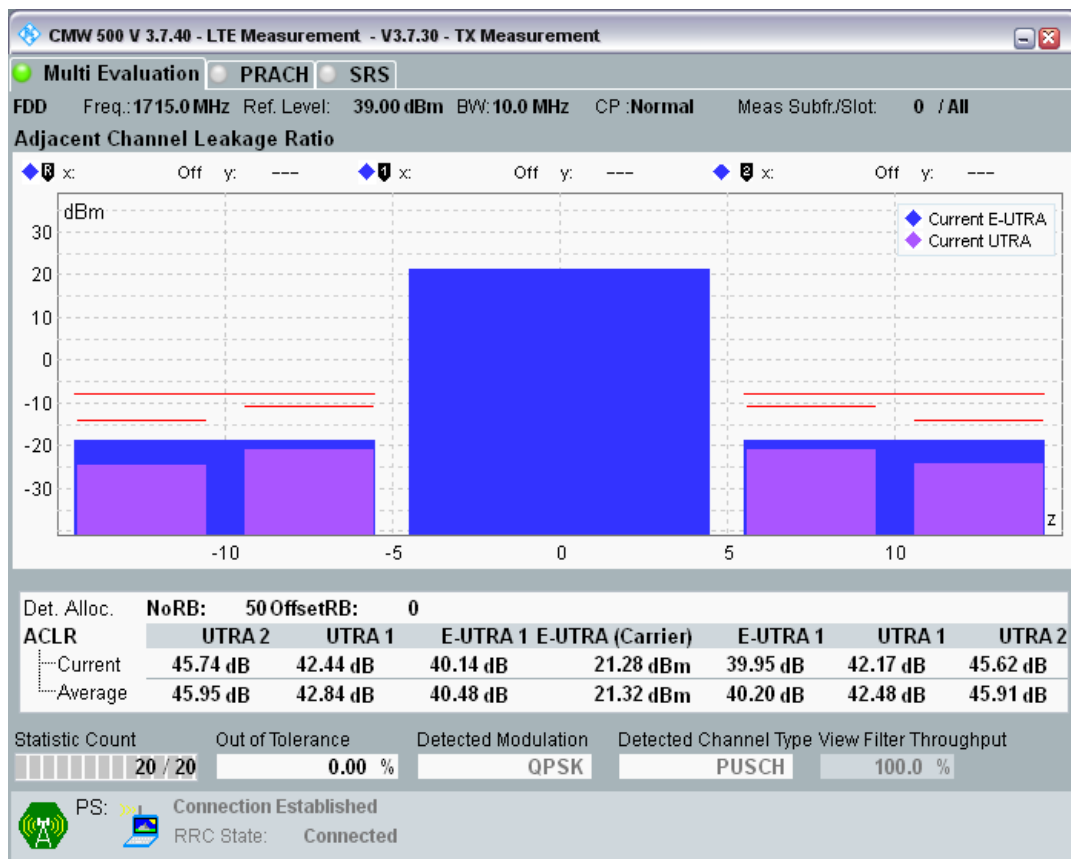
Band3 QPSK BW=10MHz Channel=19250 RB Size=12 Position=#0.png



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



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



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



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



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



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



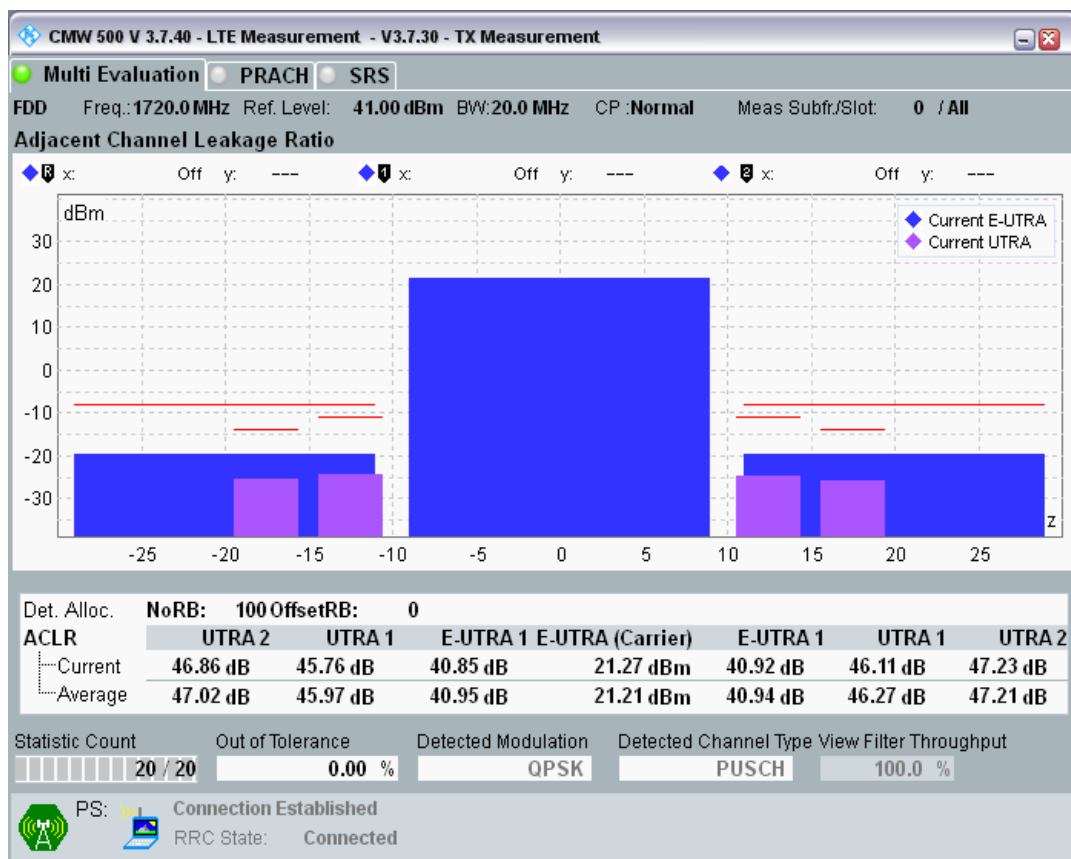
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Band3 QPSK BW=10MHz Channel=19900 RB Size=50 Position=#0.png



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



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



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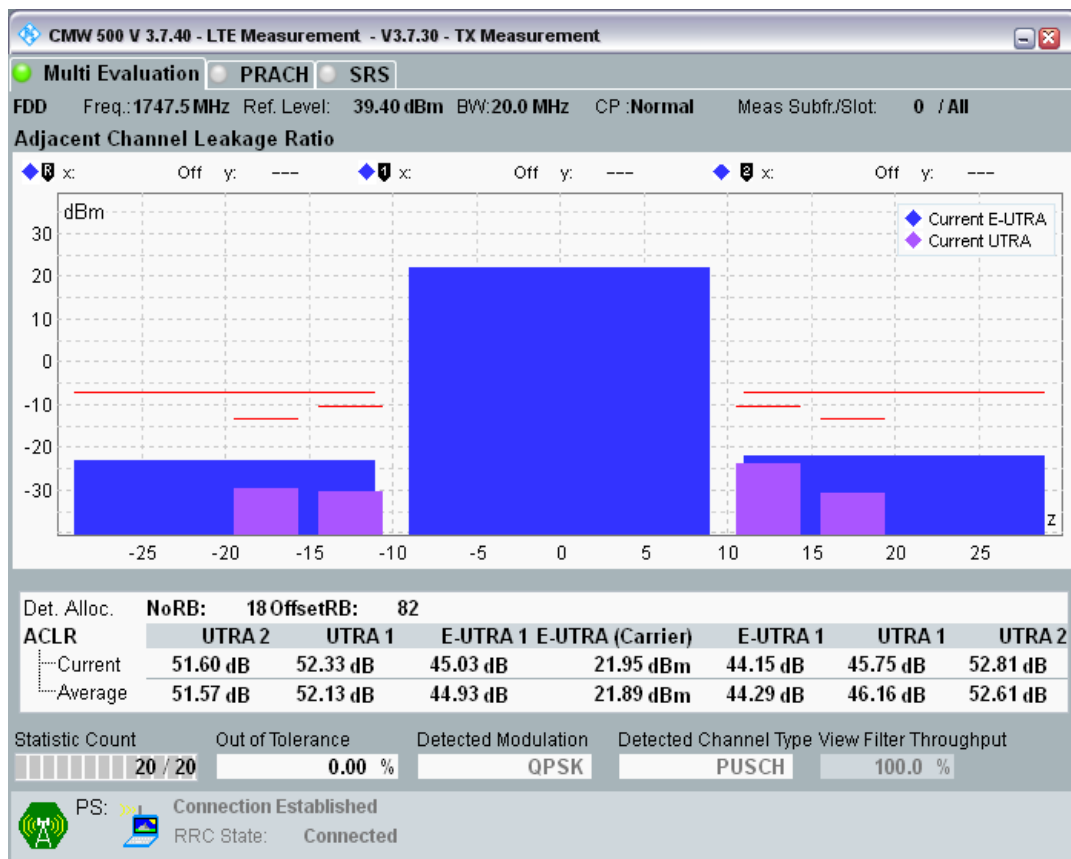
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Band3 QPSK BW=20MHz Channel=19575 RB Size=18 Position=#0.png



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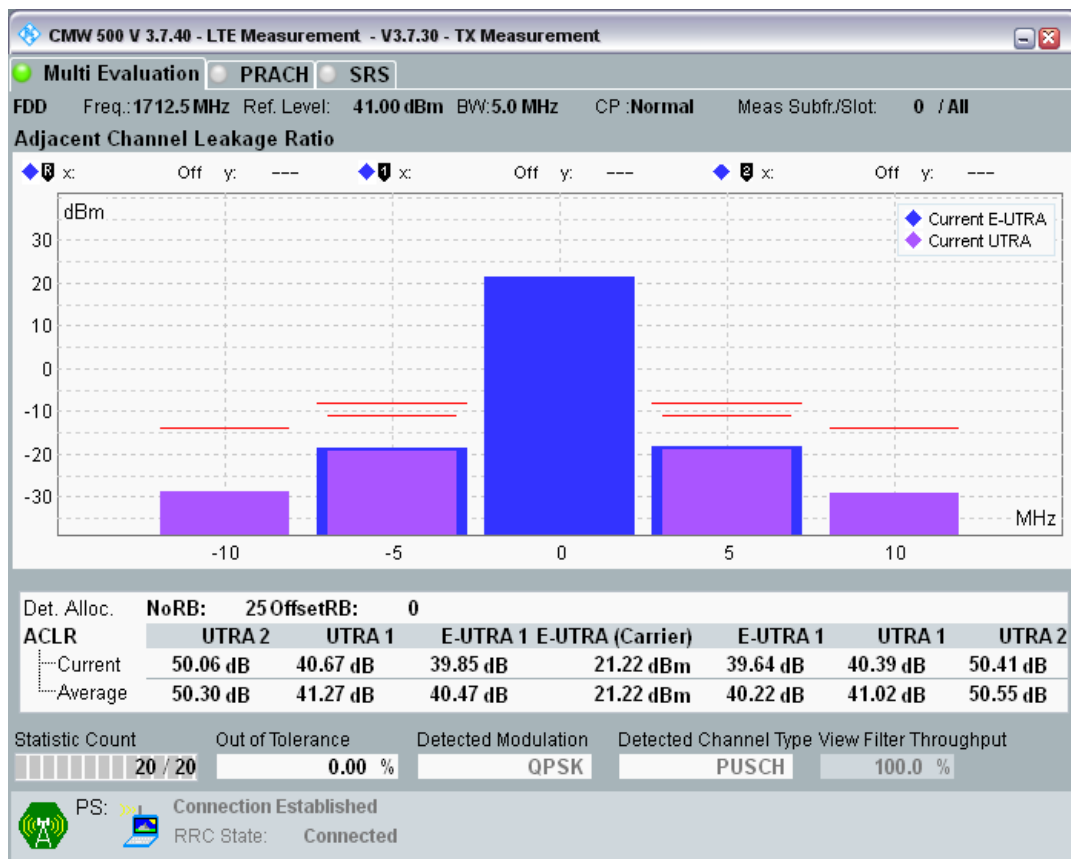
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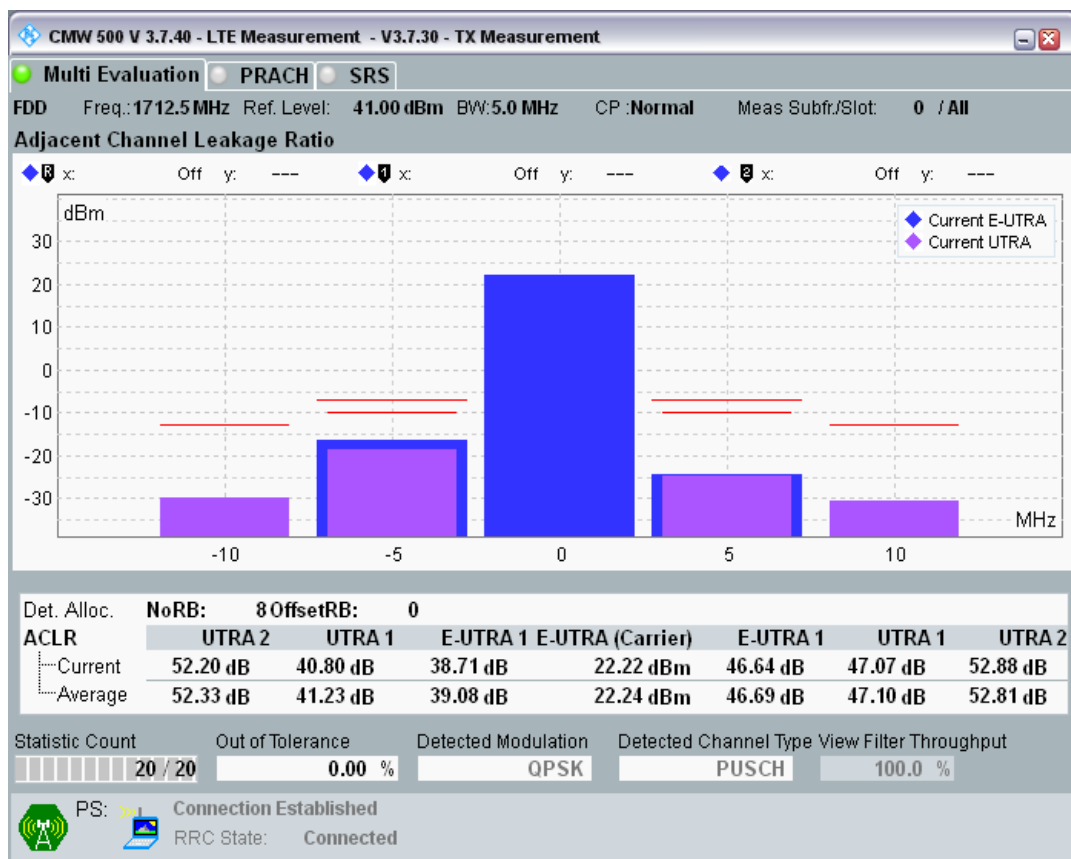
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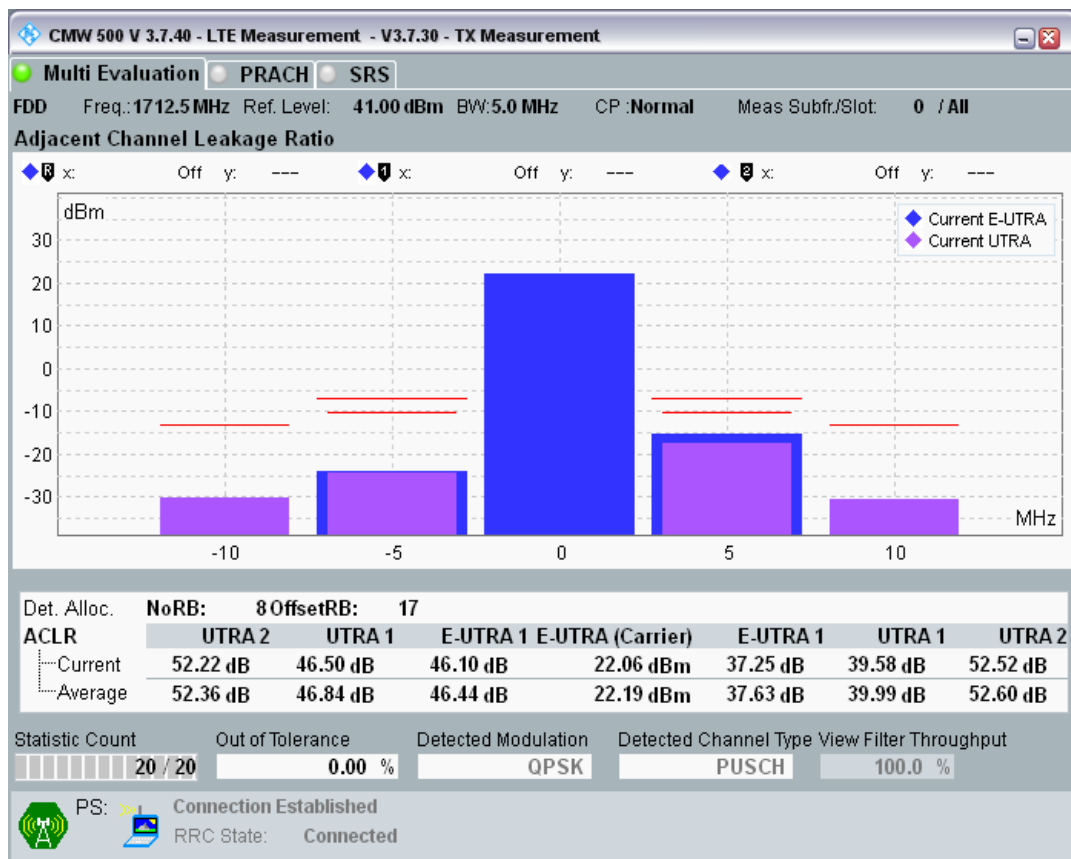
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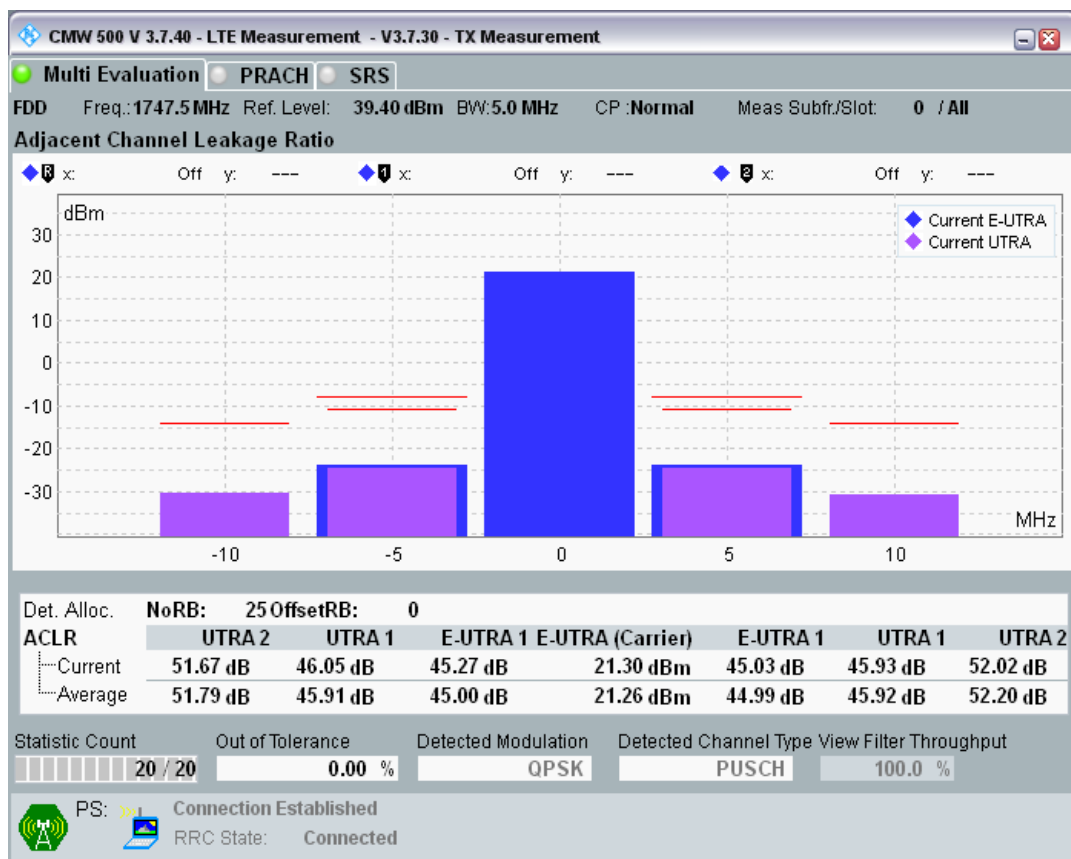
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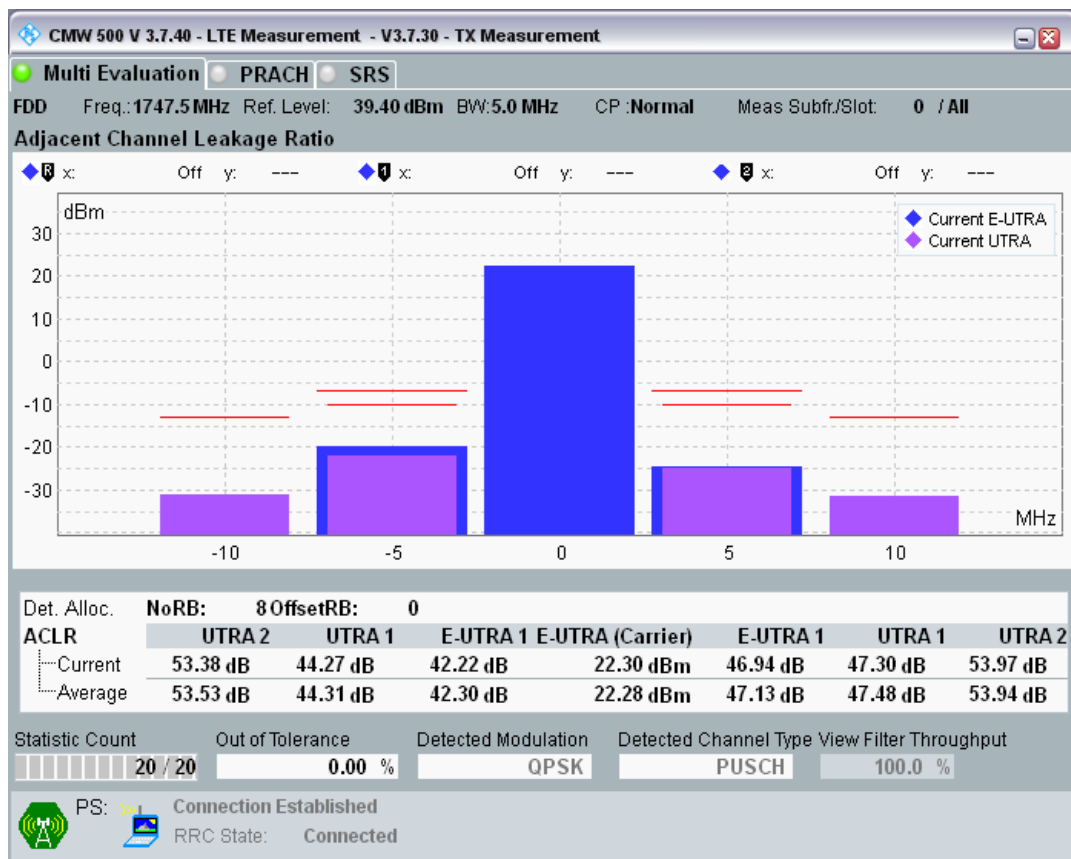
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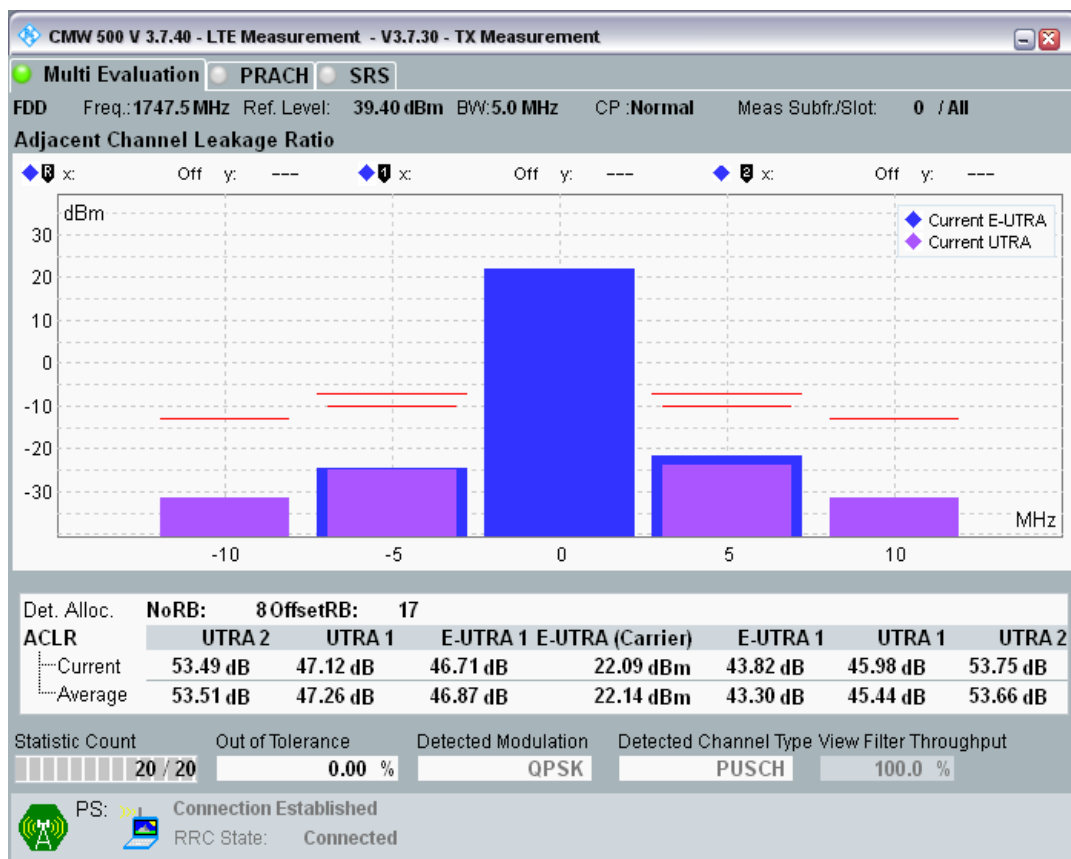
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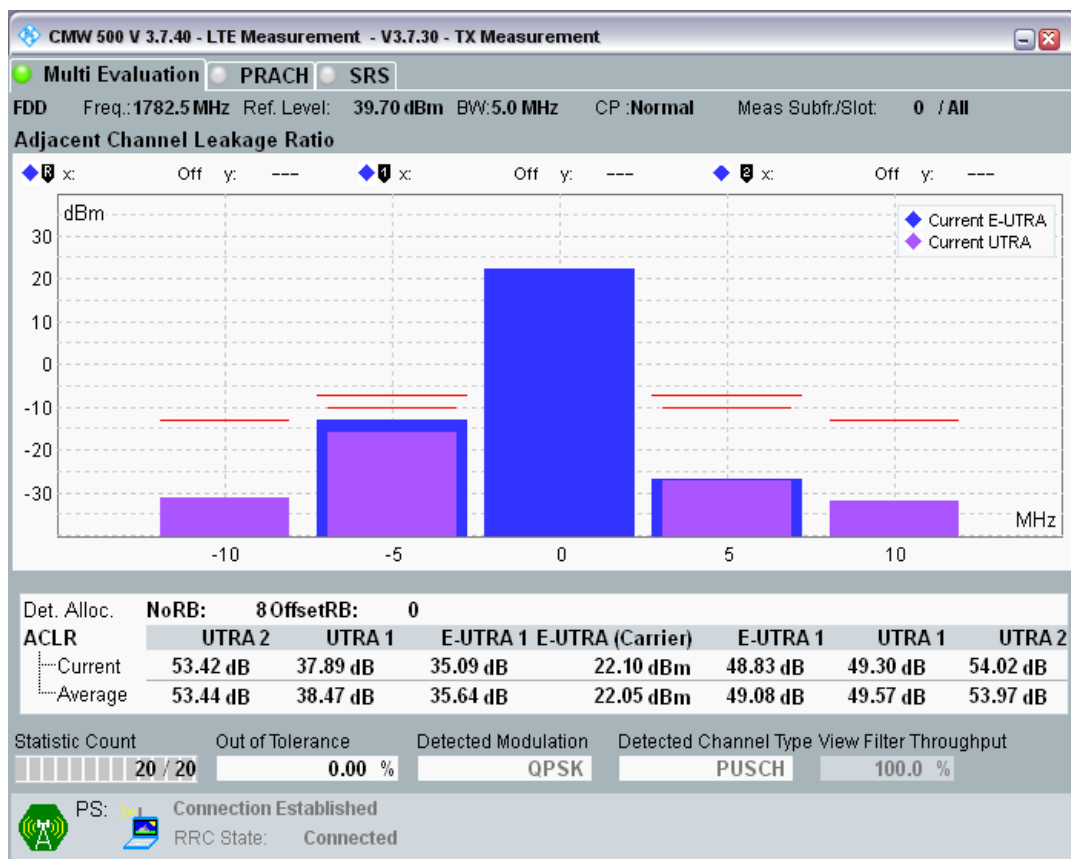
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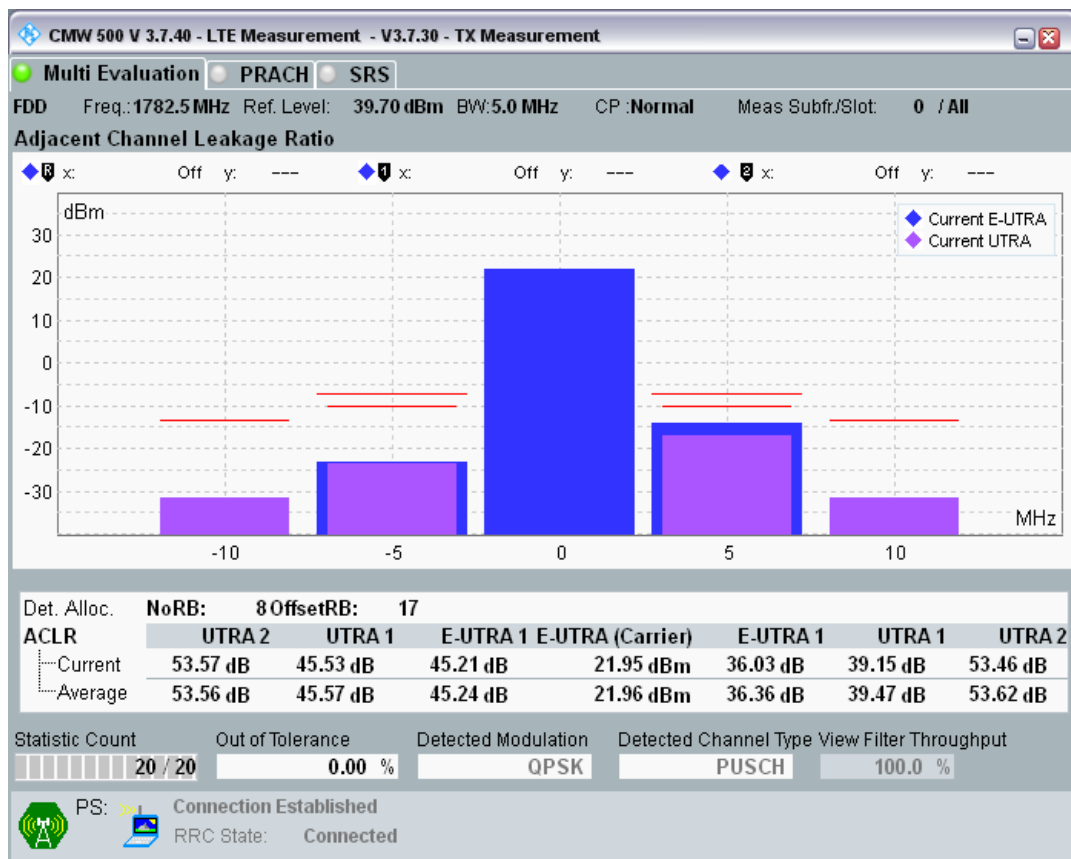
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Band3 QPSK BW=5MHz Channel=19925 RB Size=8 Position=#0.png



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



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



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



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



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



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



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



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



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



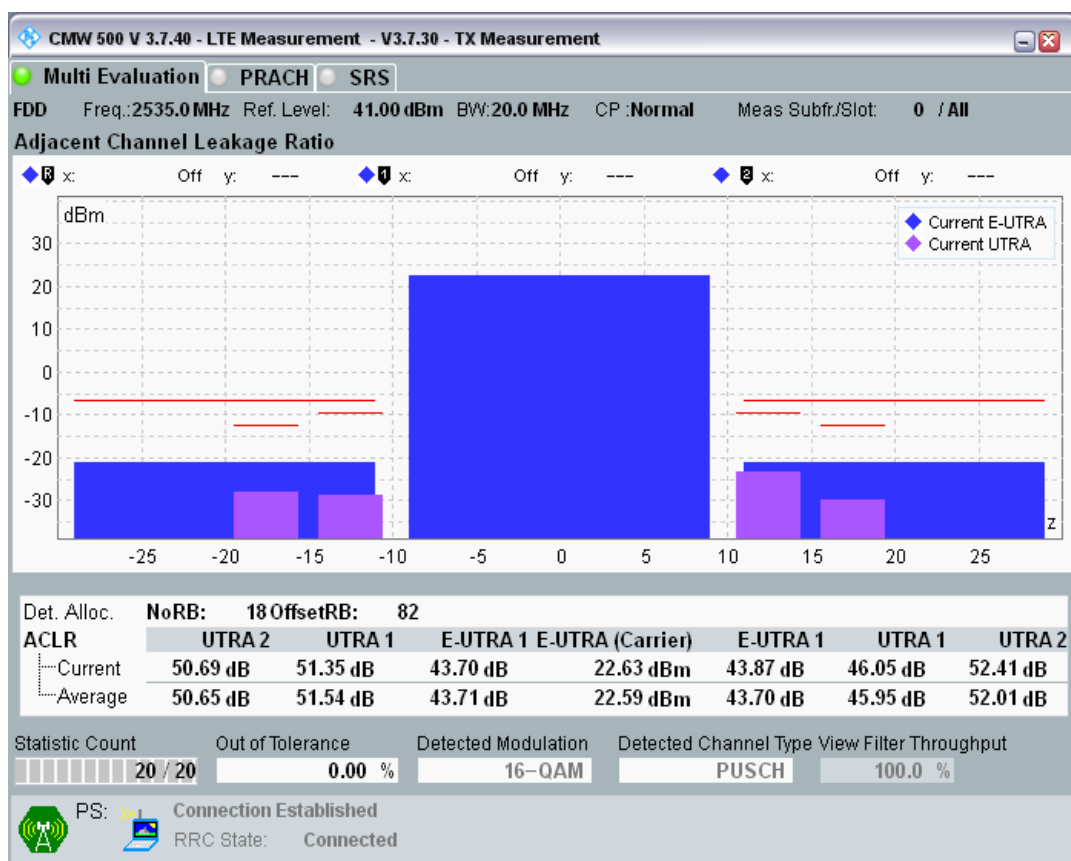
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Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#0.png



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



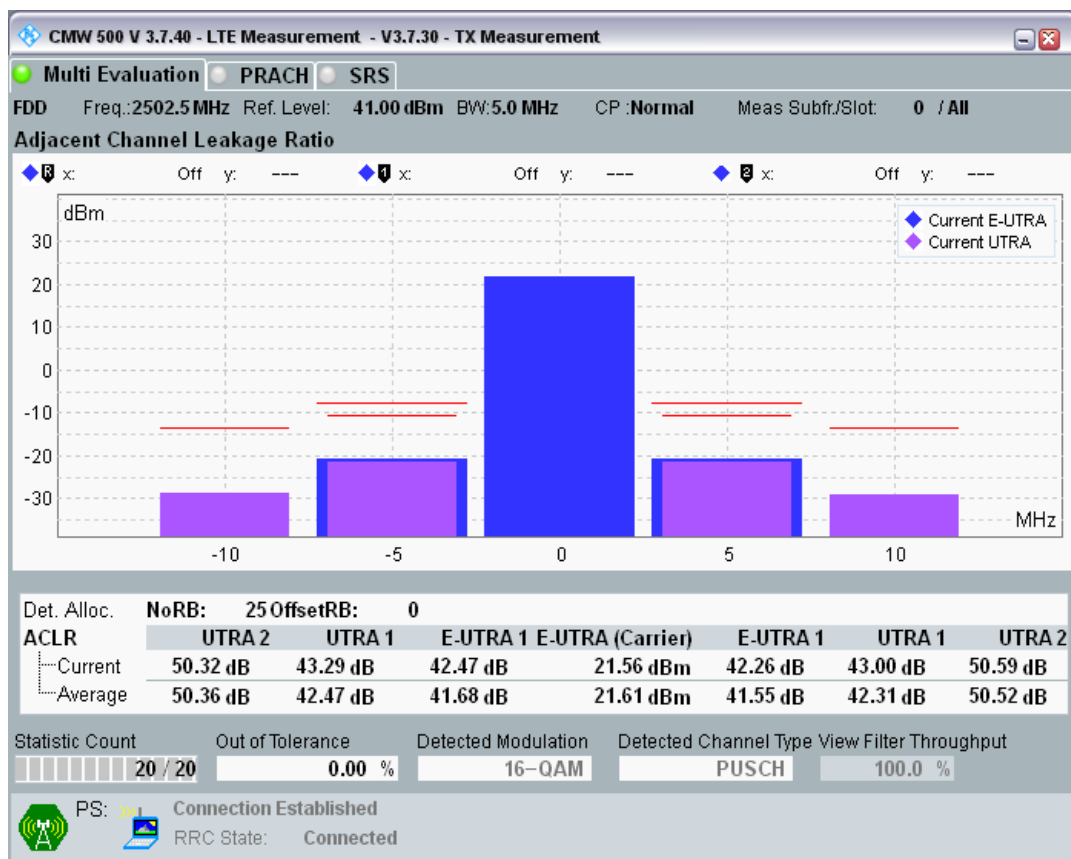
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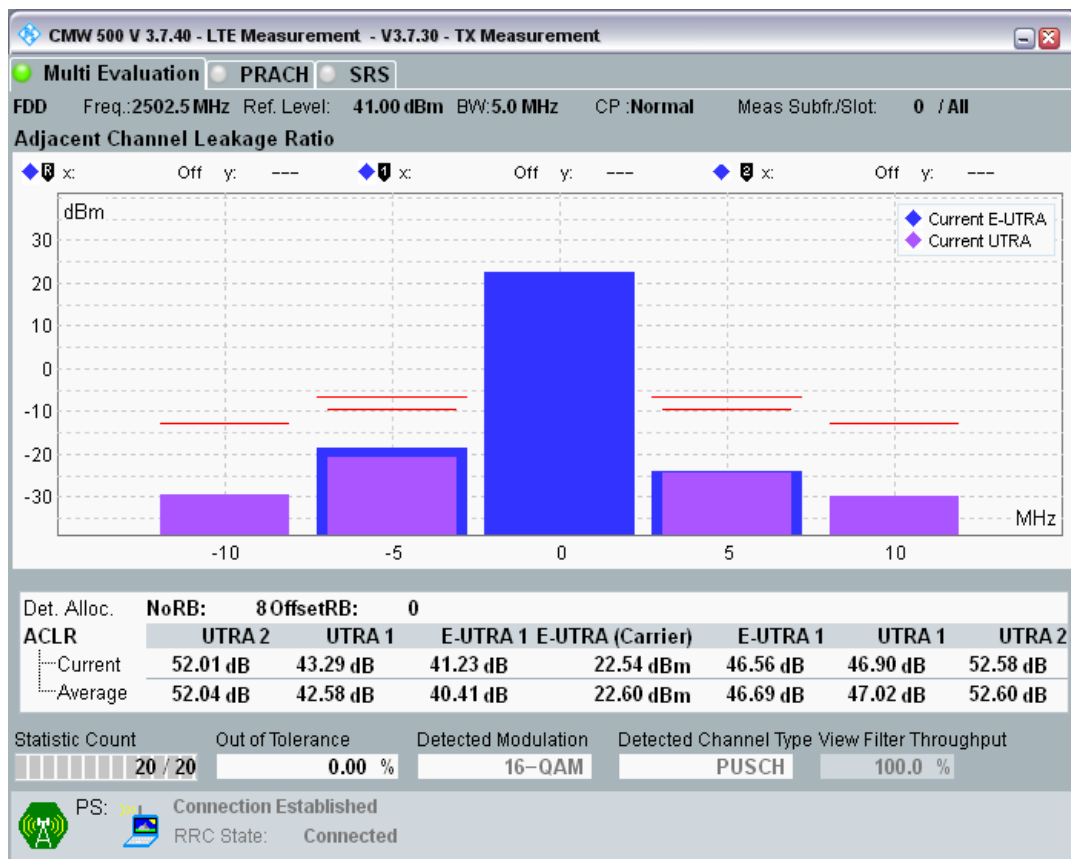
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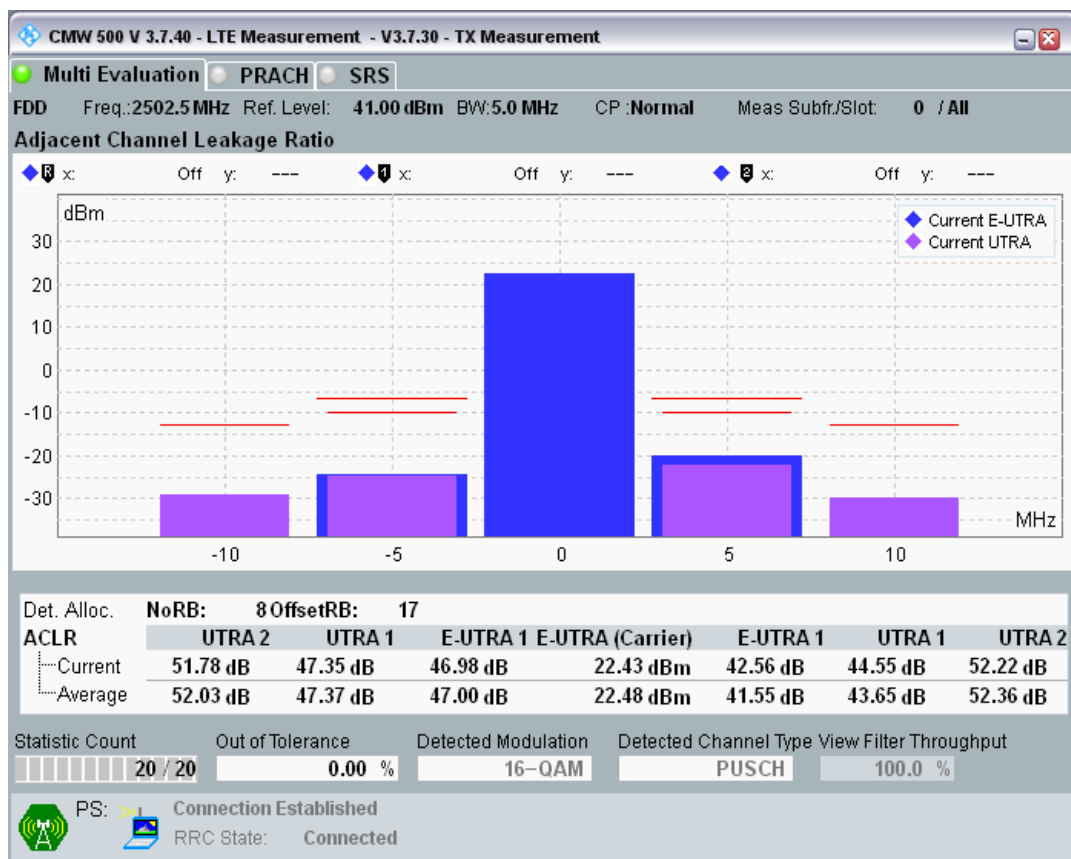
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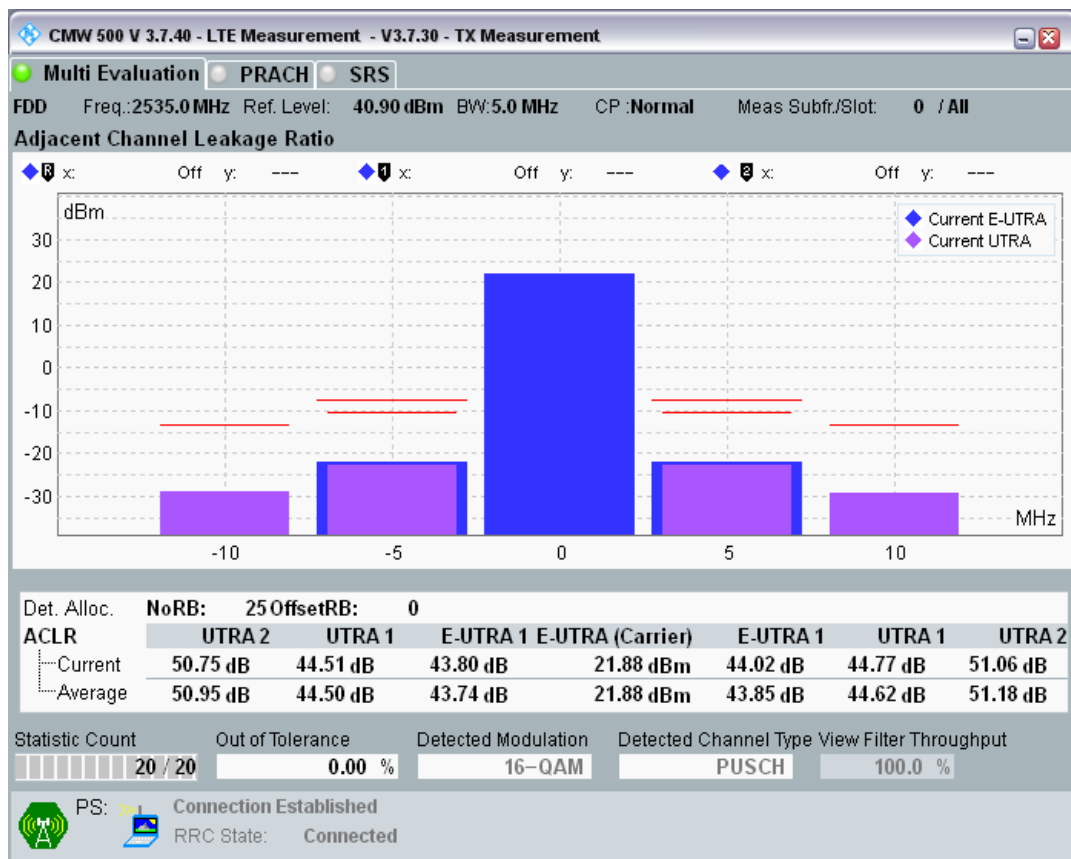
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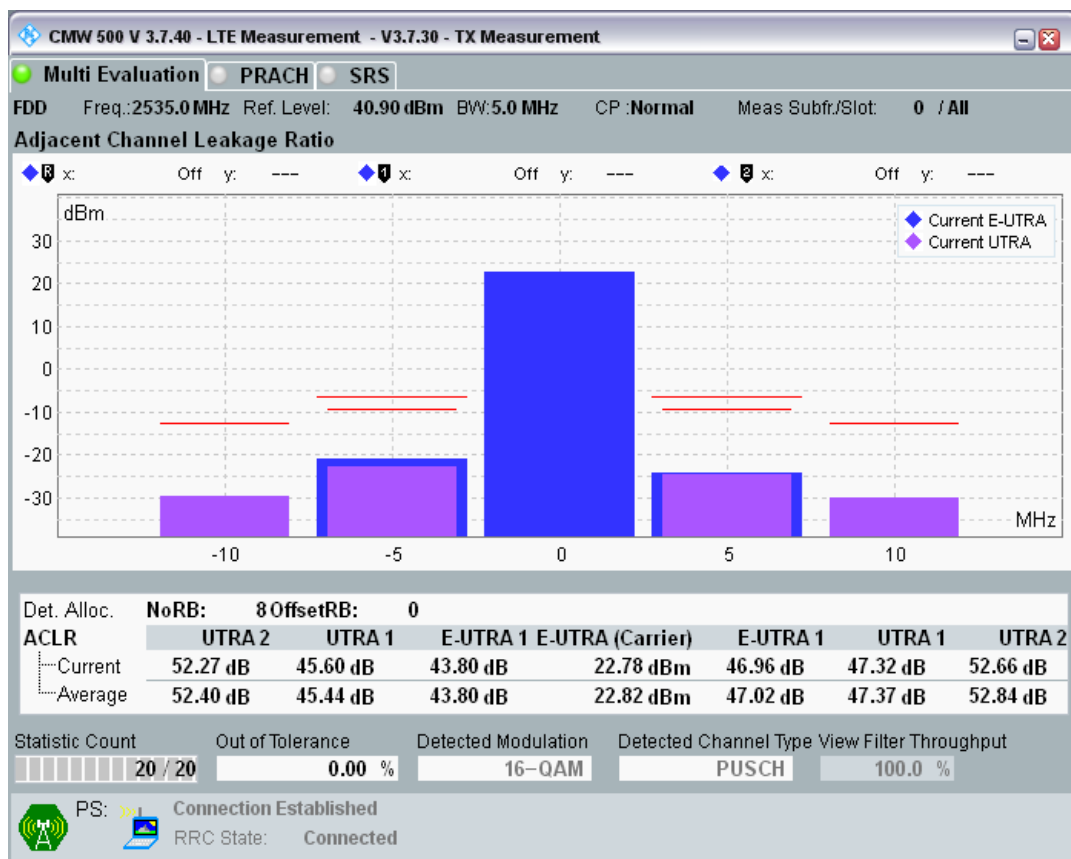
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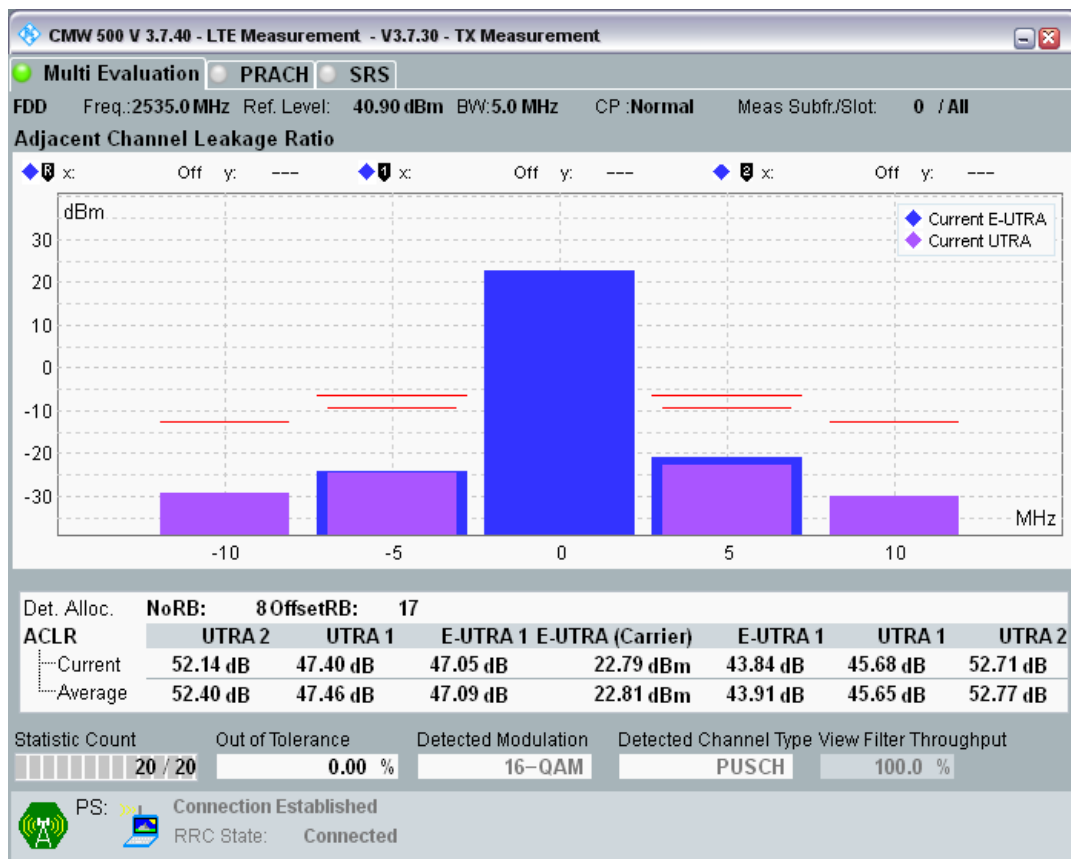
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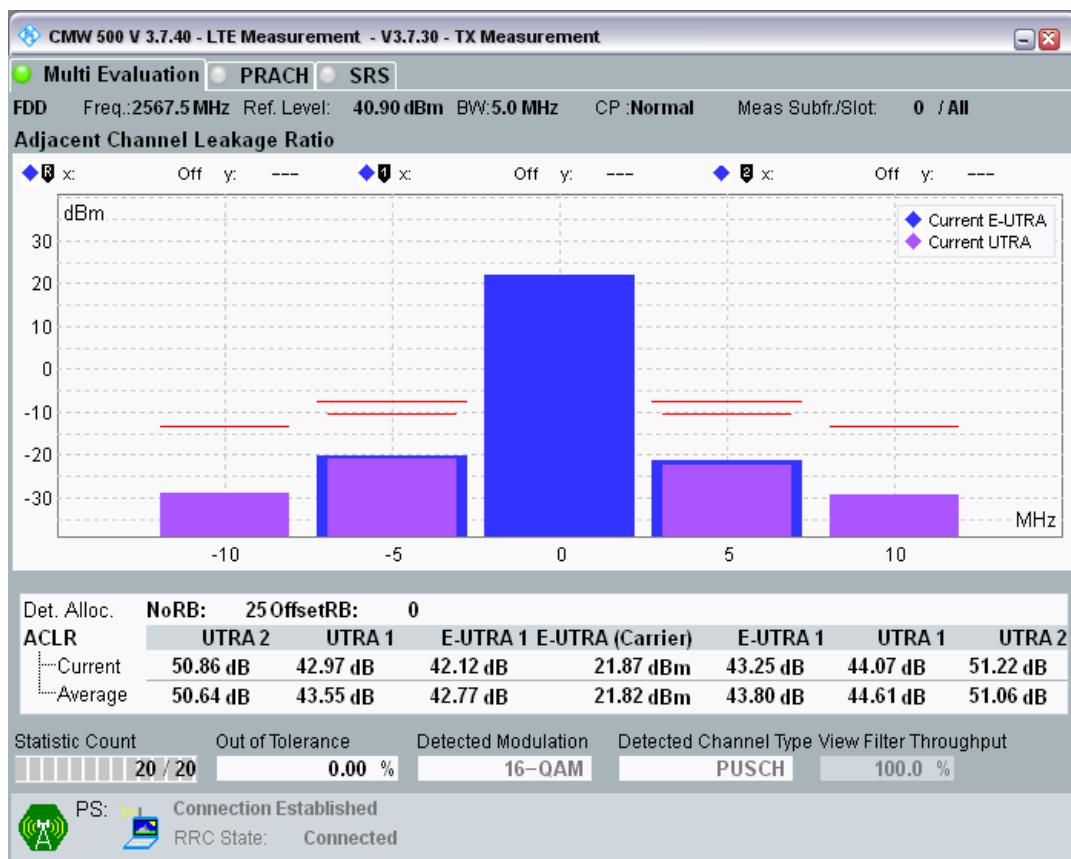
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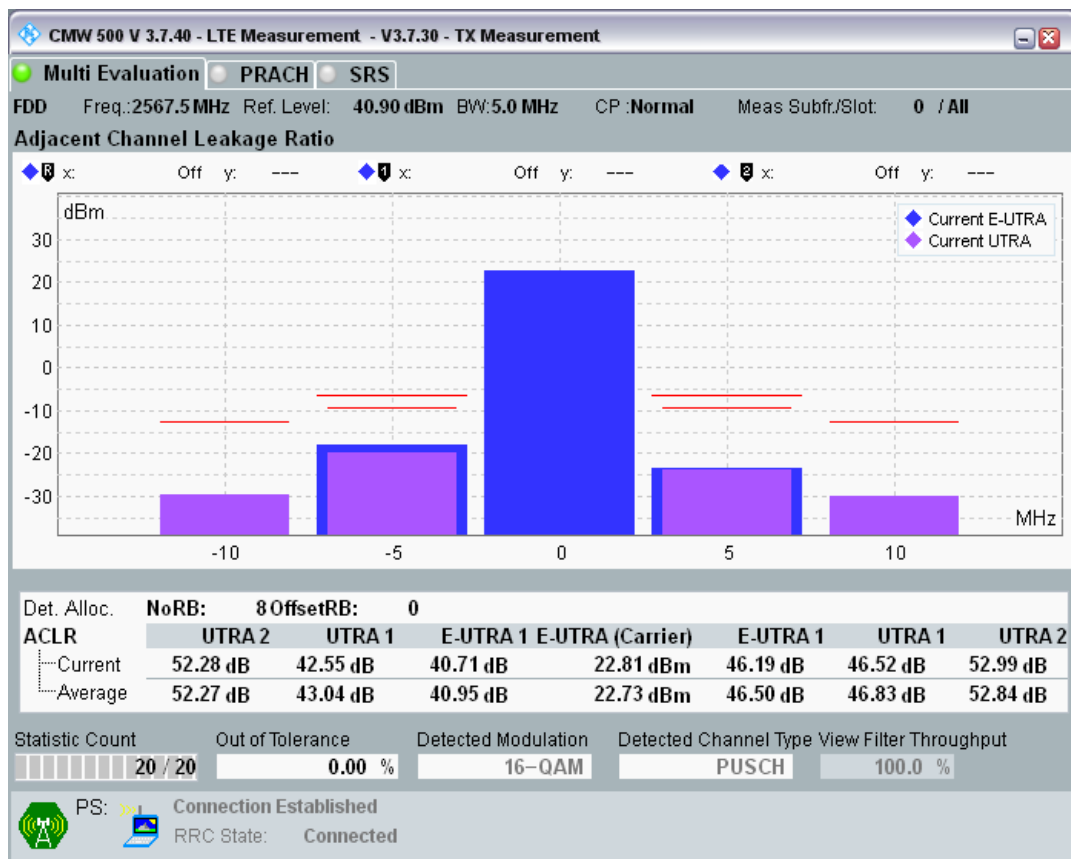
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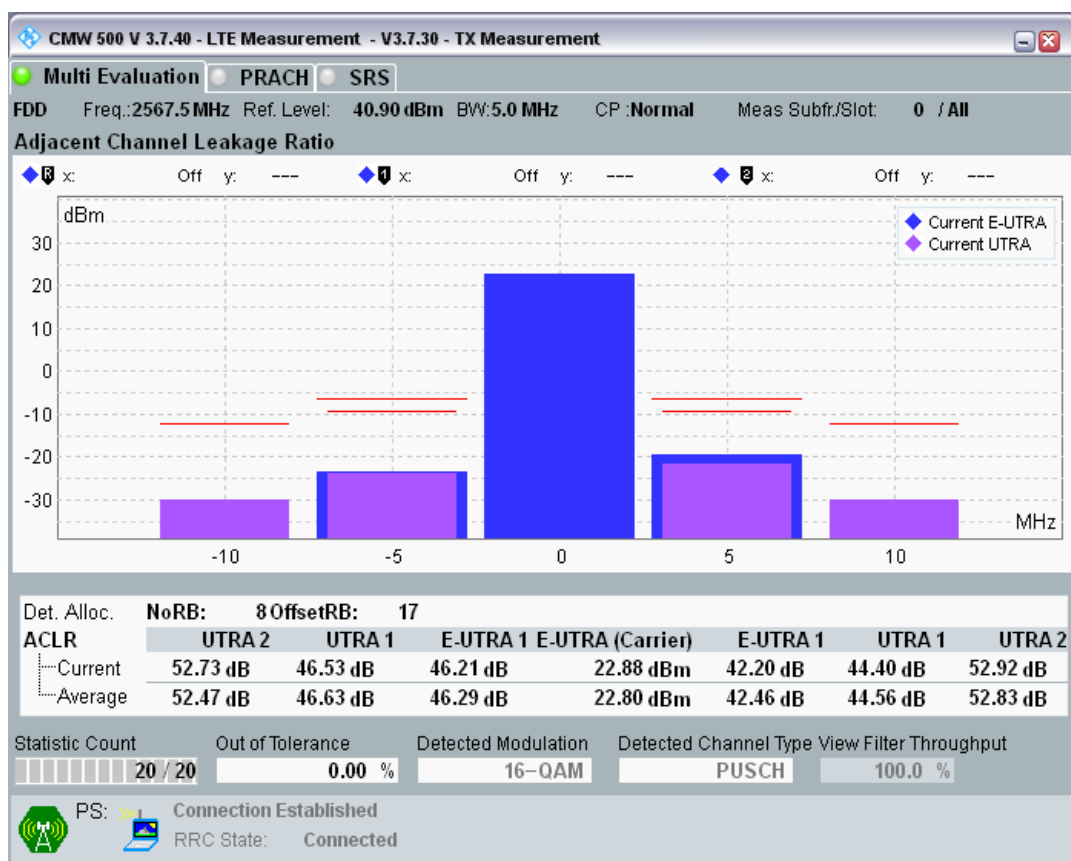
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Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#0.png



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



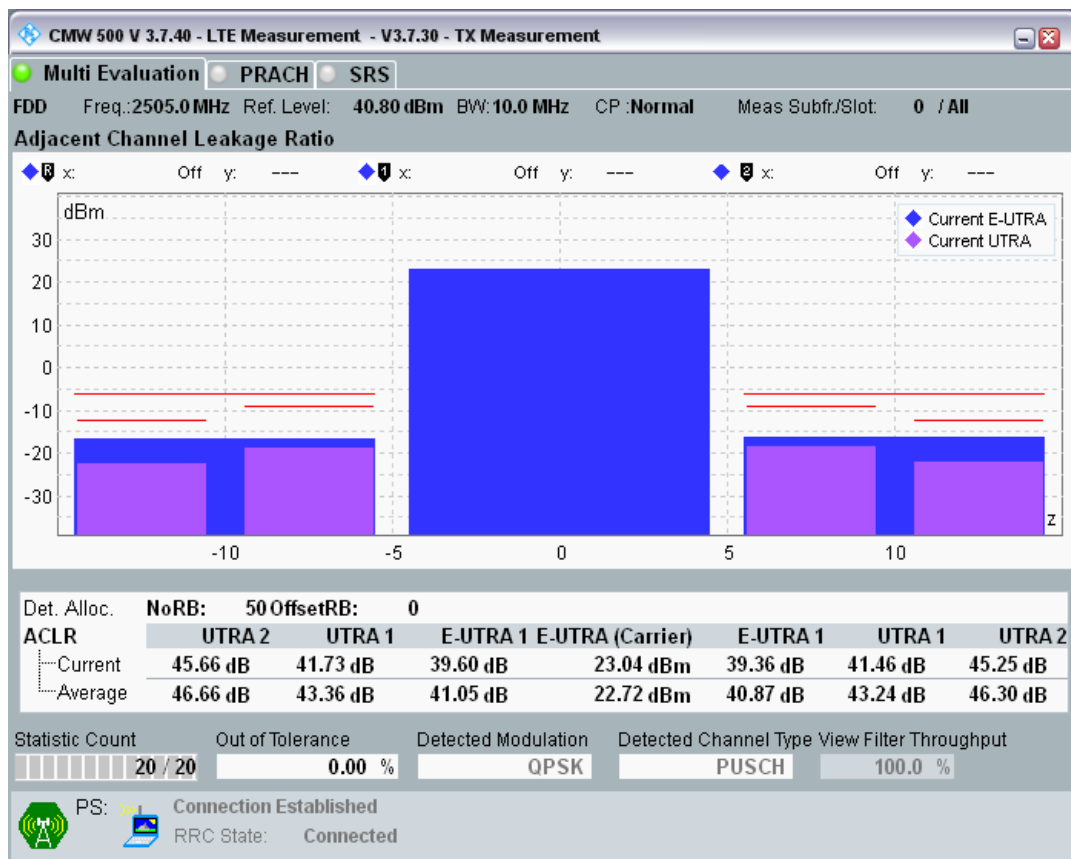
Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#0.png



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



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



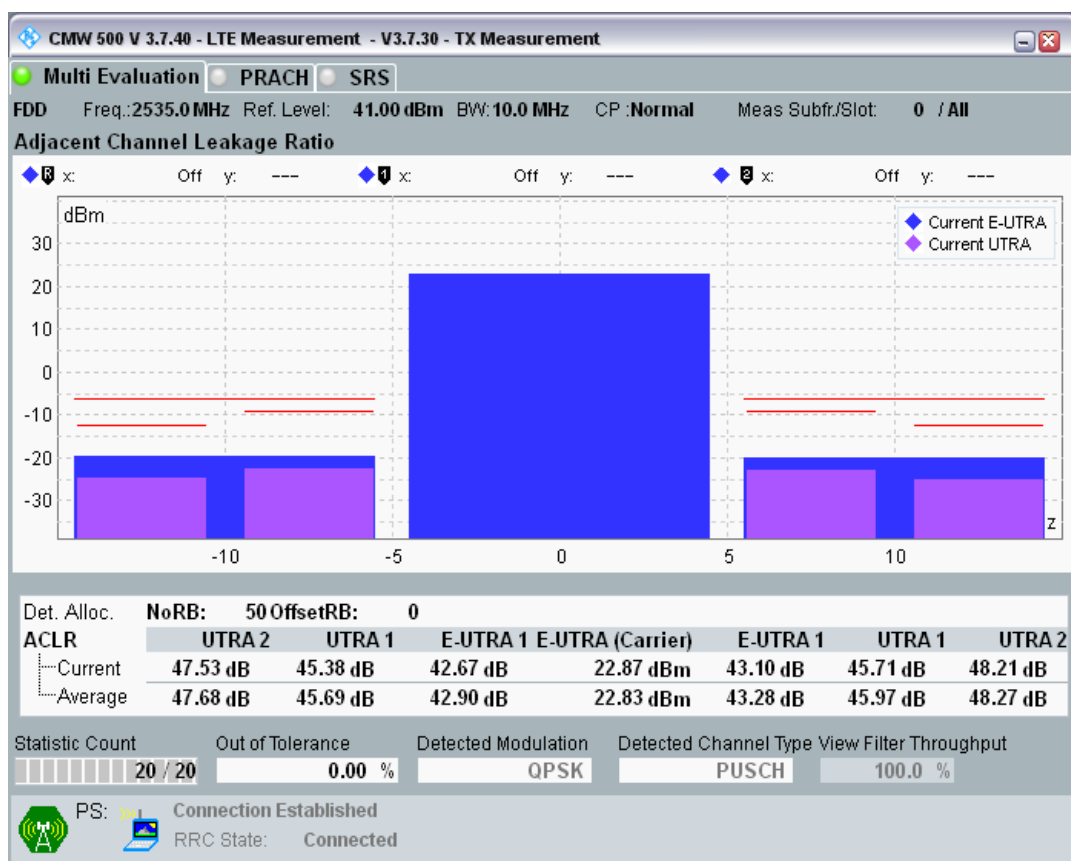
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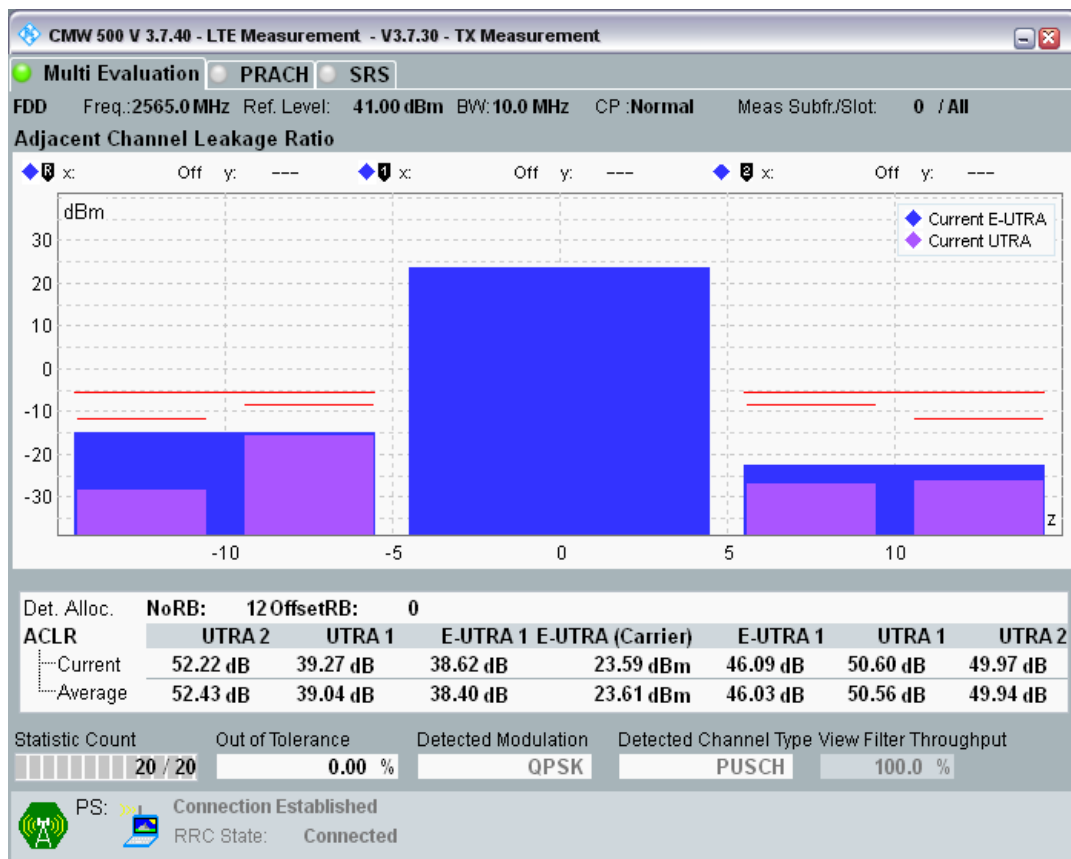
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Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0.png



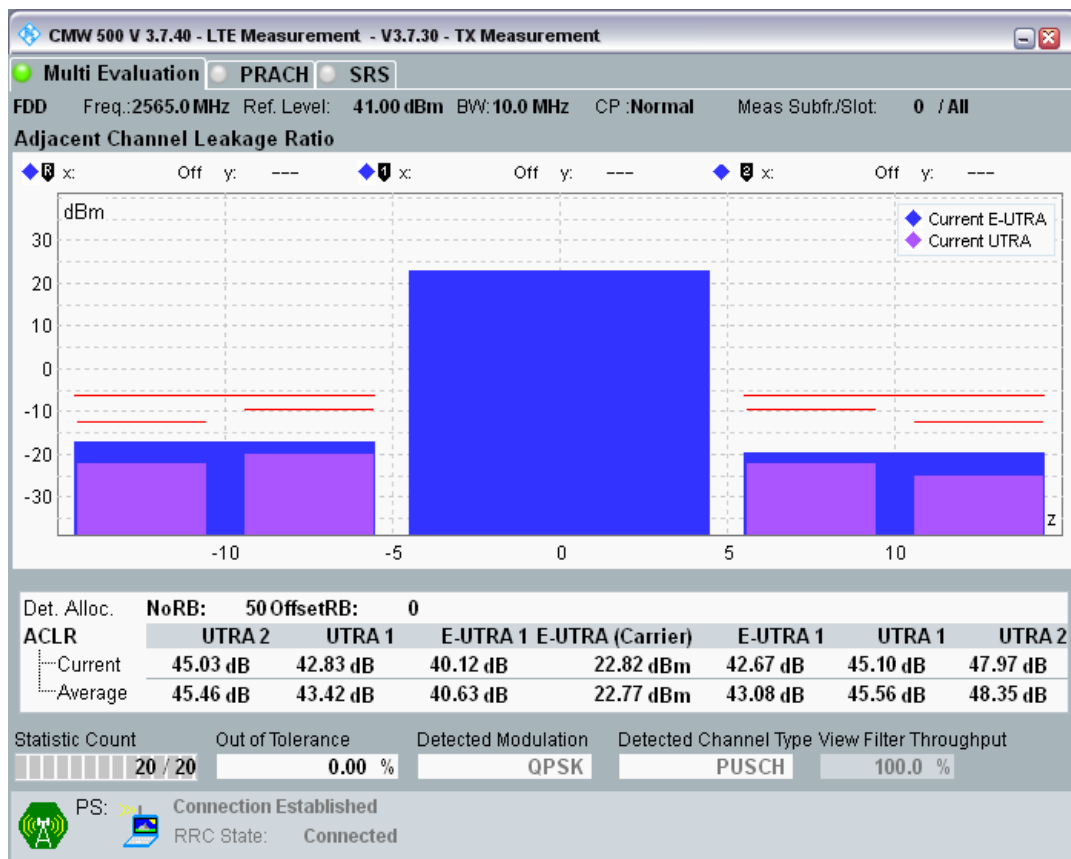
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Band7 QPSK BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



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



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



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



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



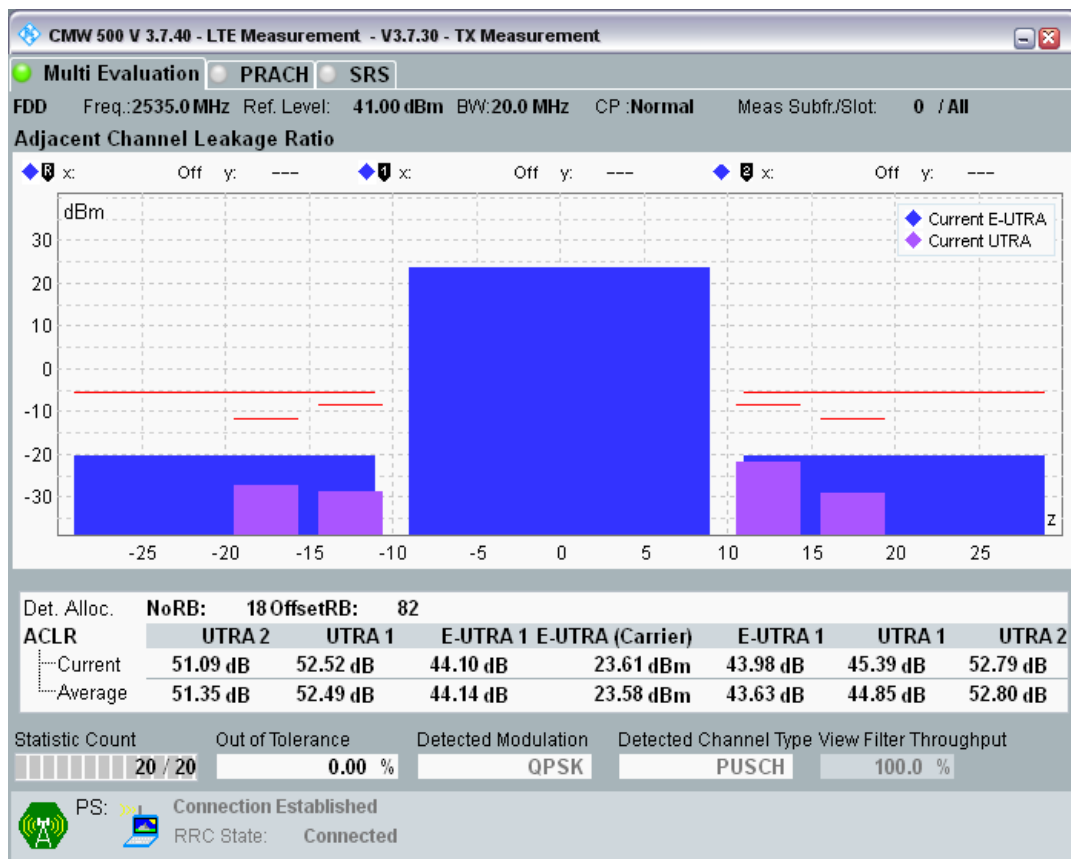
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Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#0.png



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



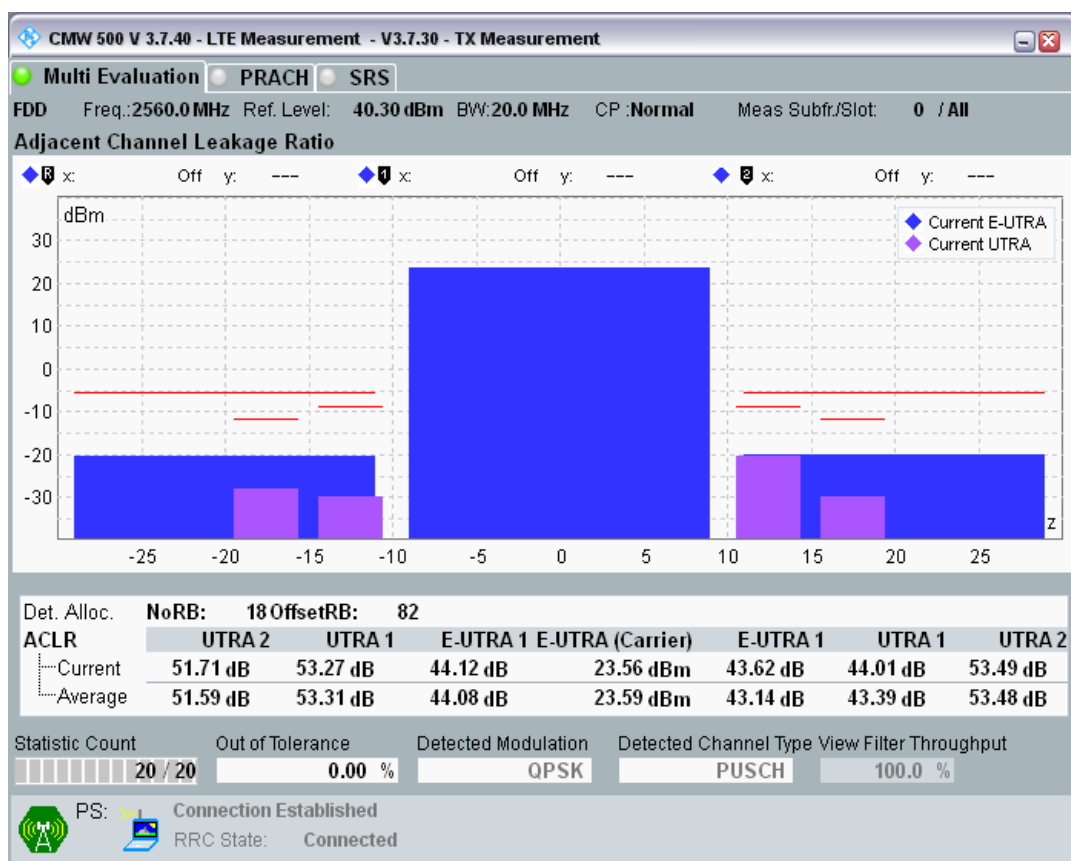
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0.png



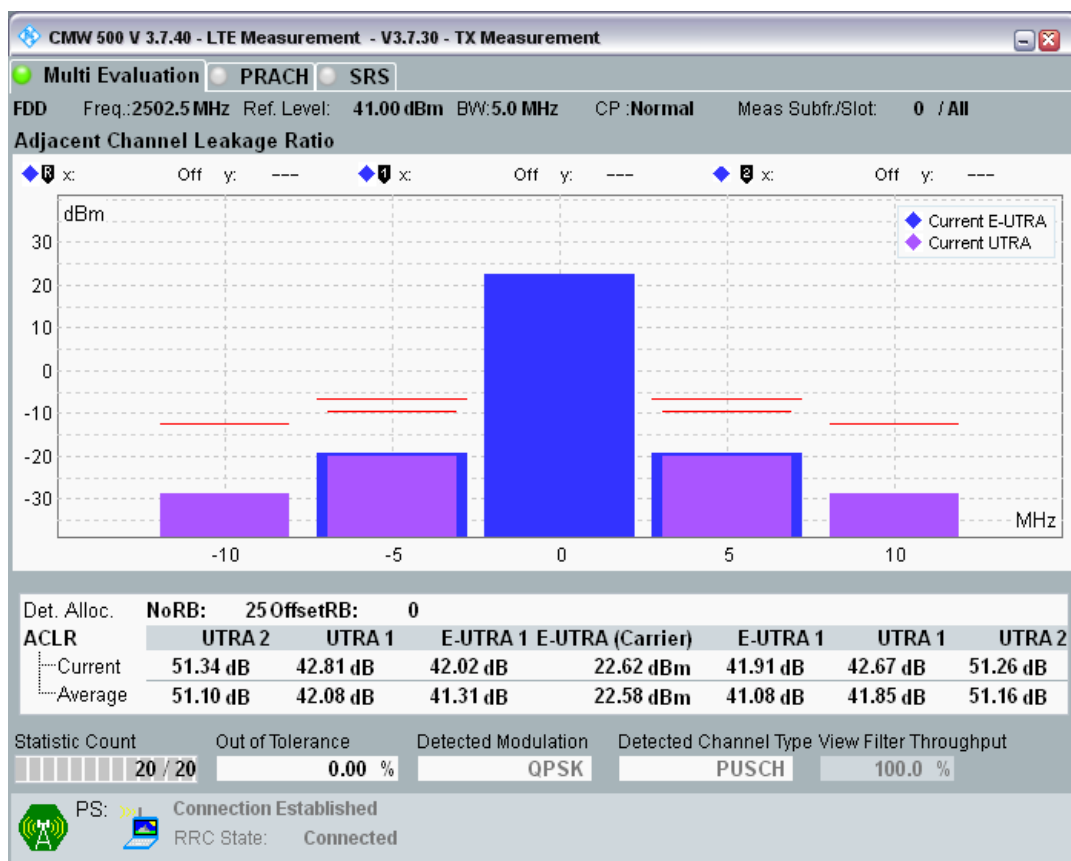
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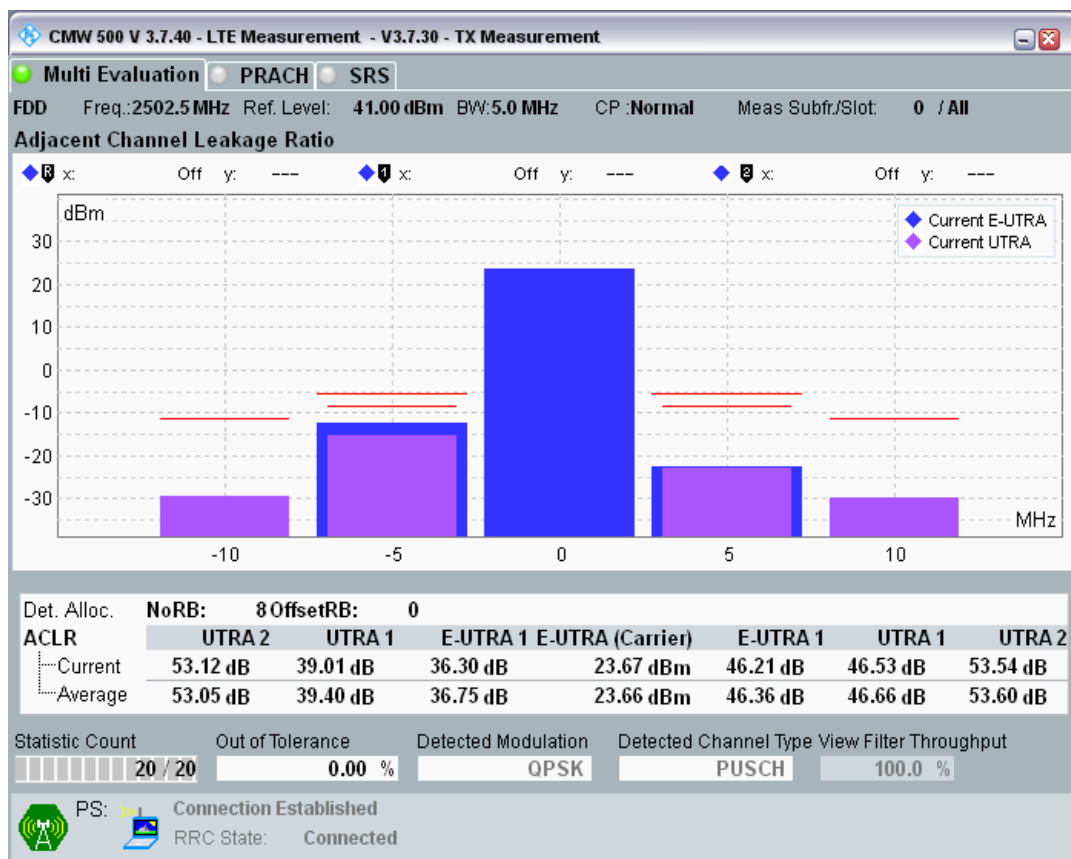
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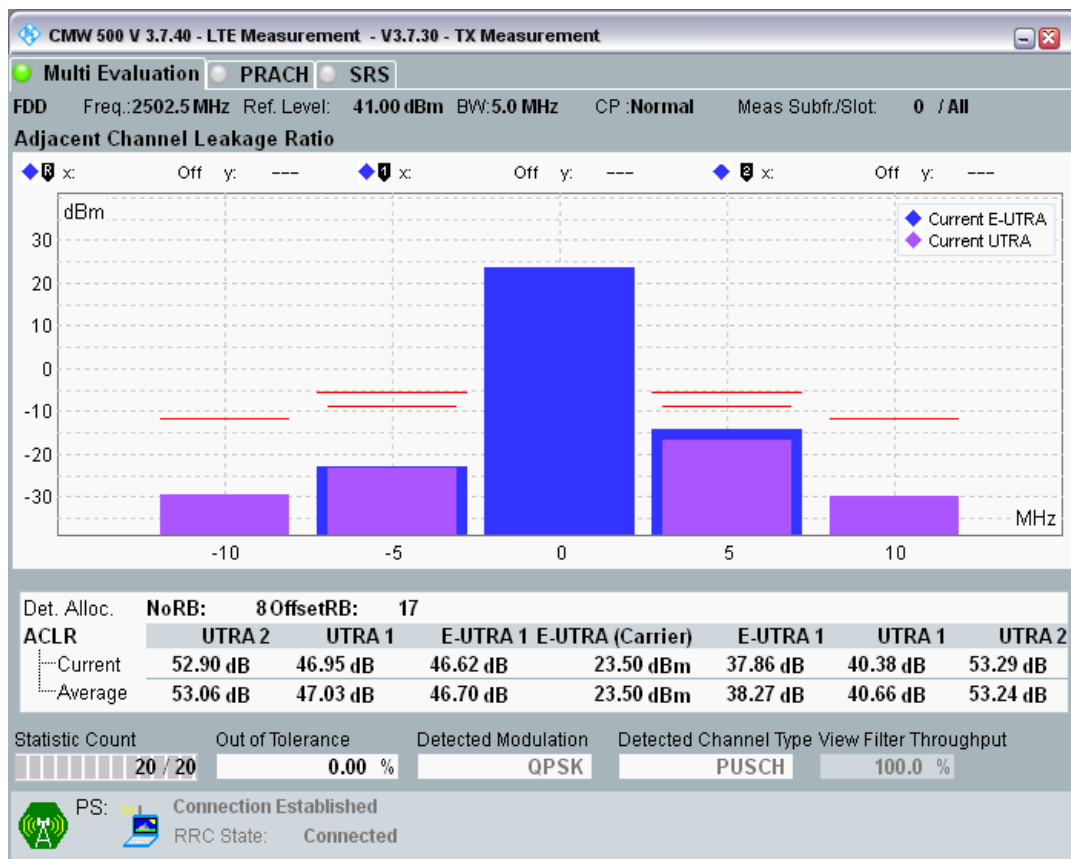
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



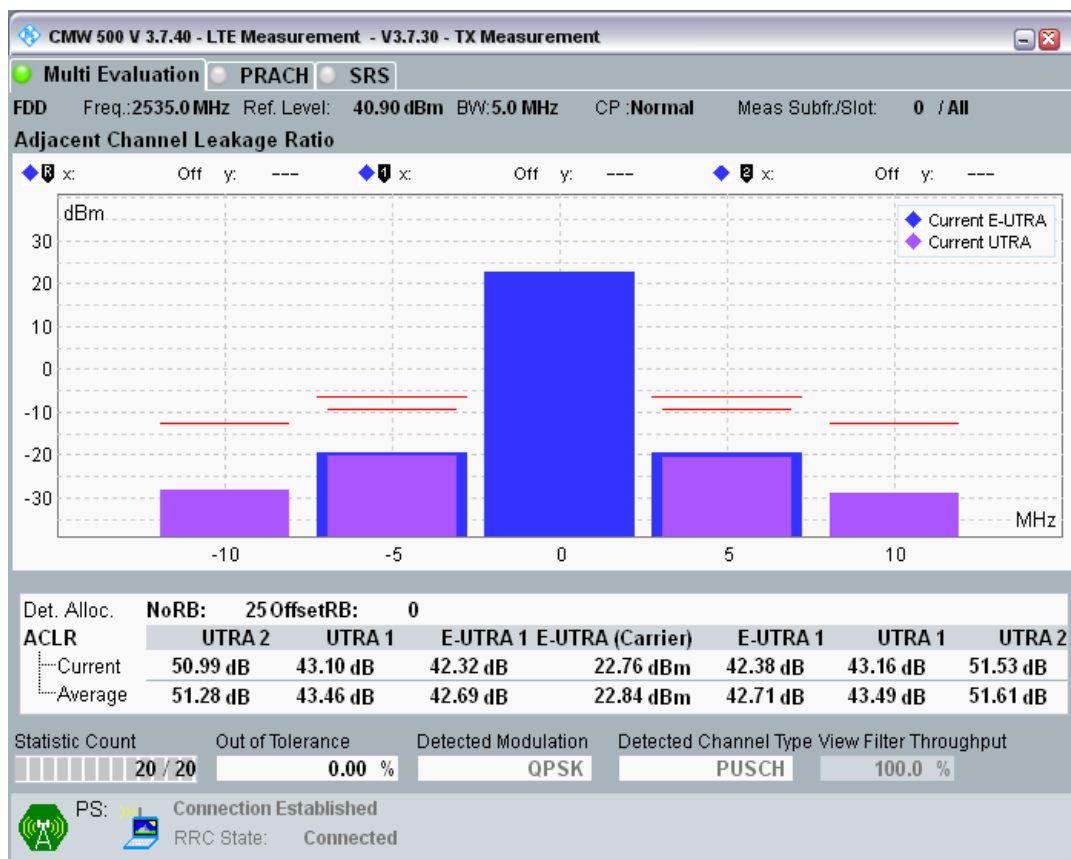
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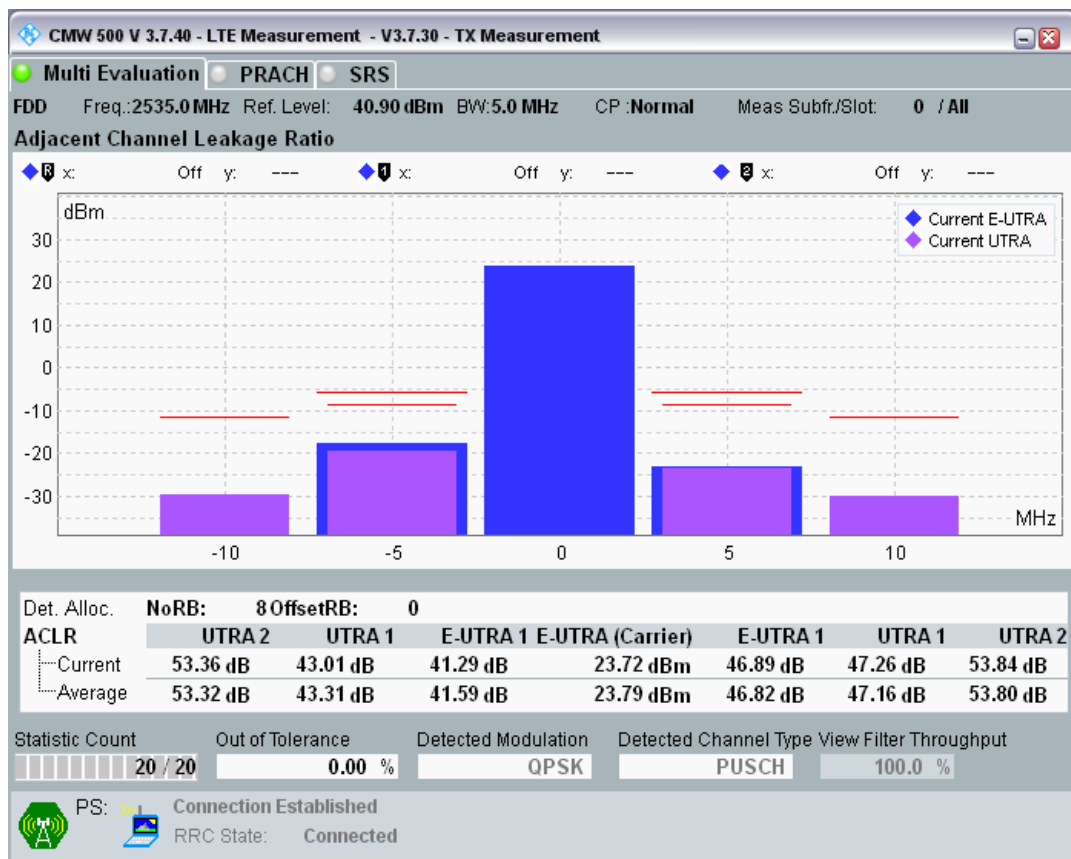
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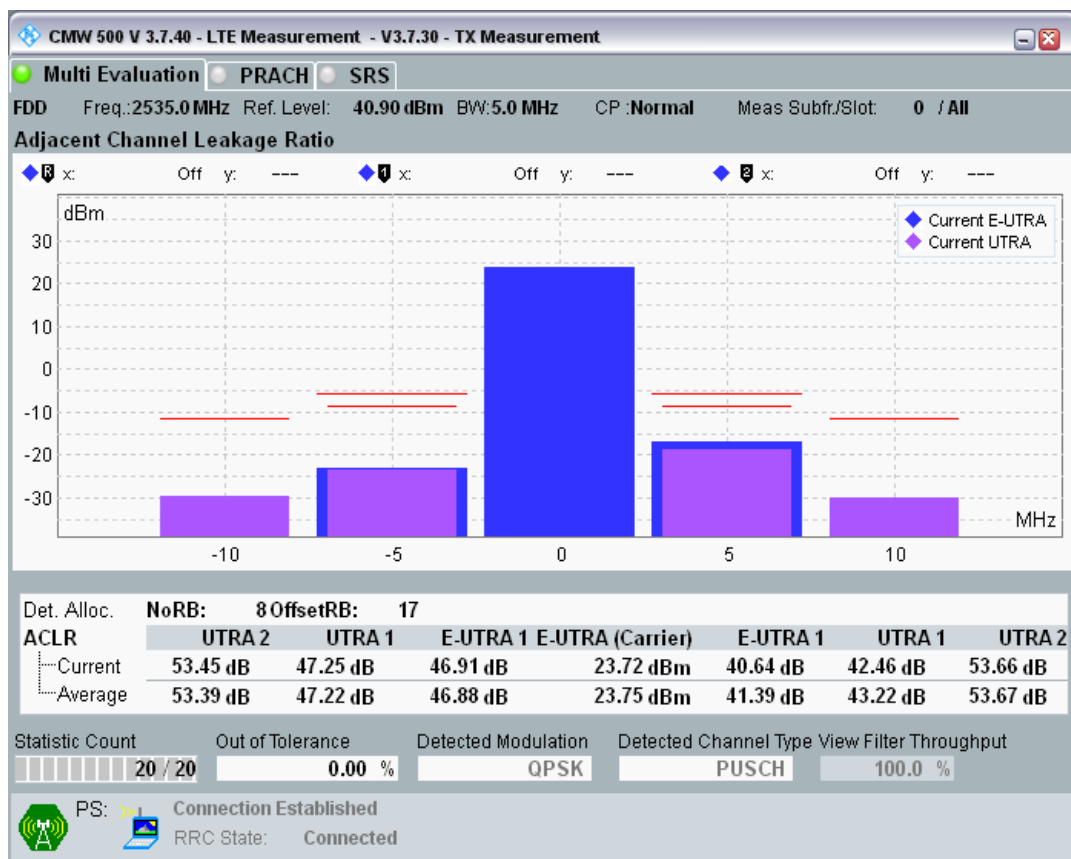
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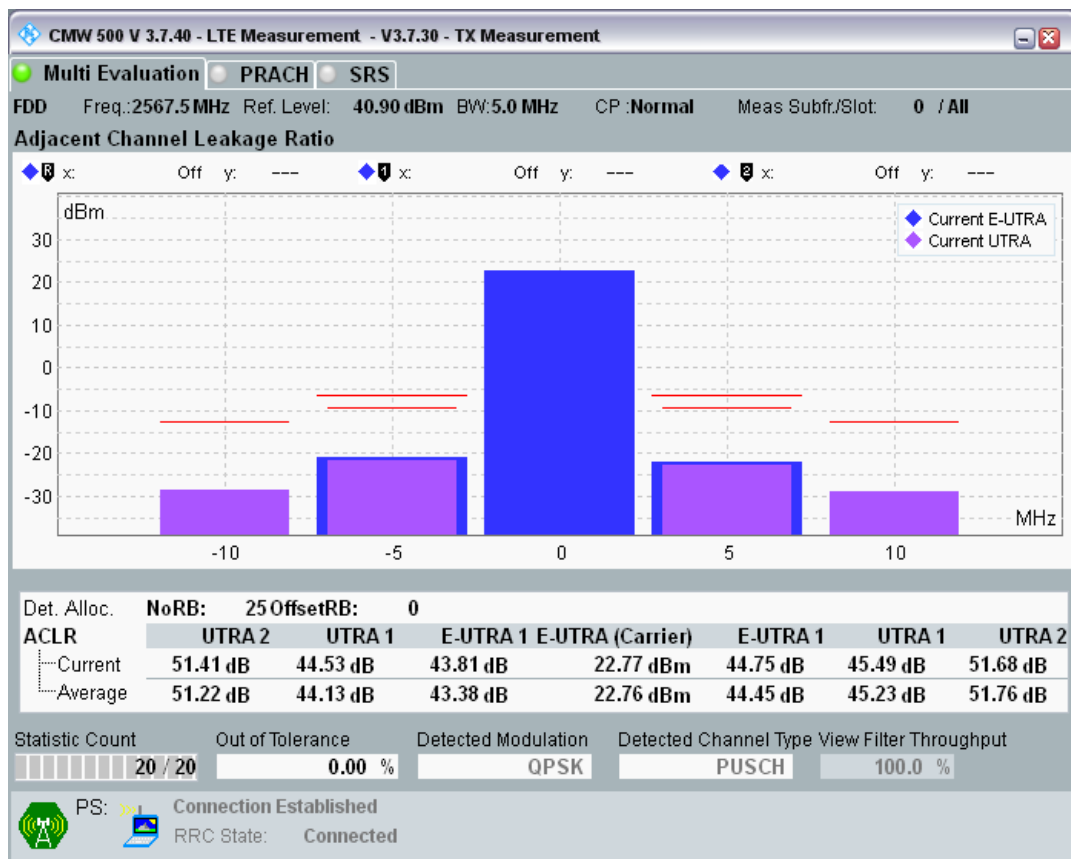
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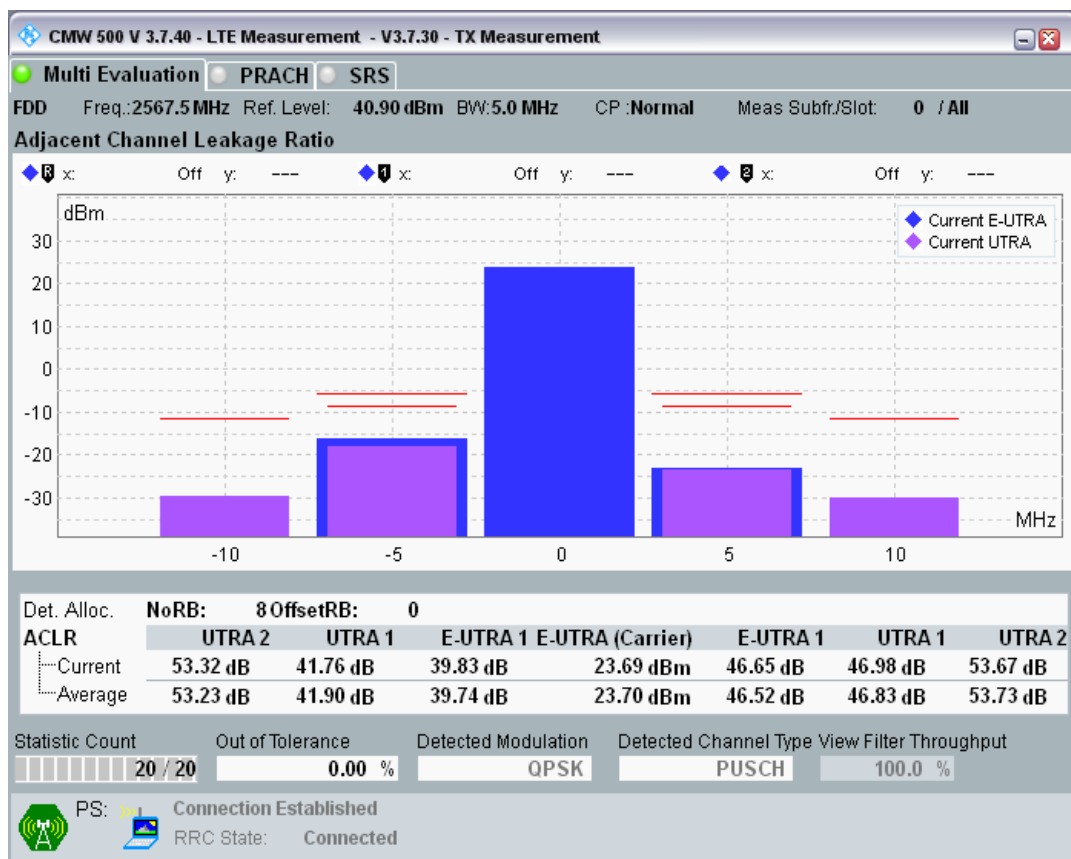
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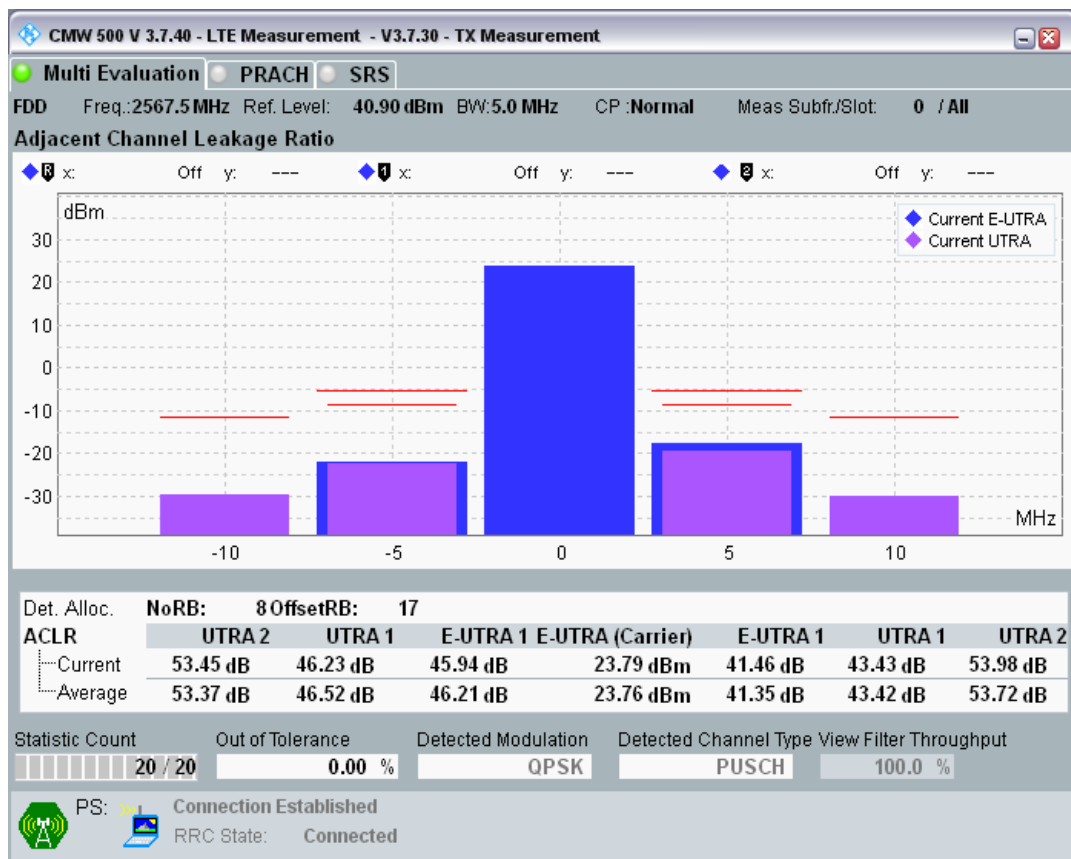
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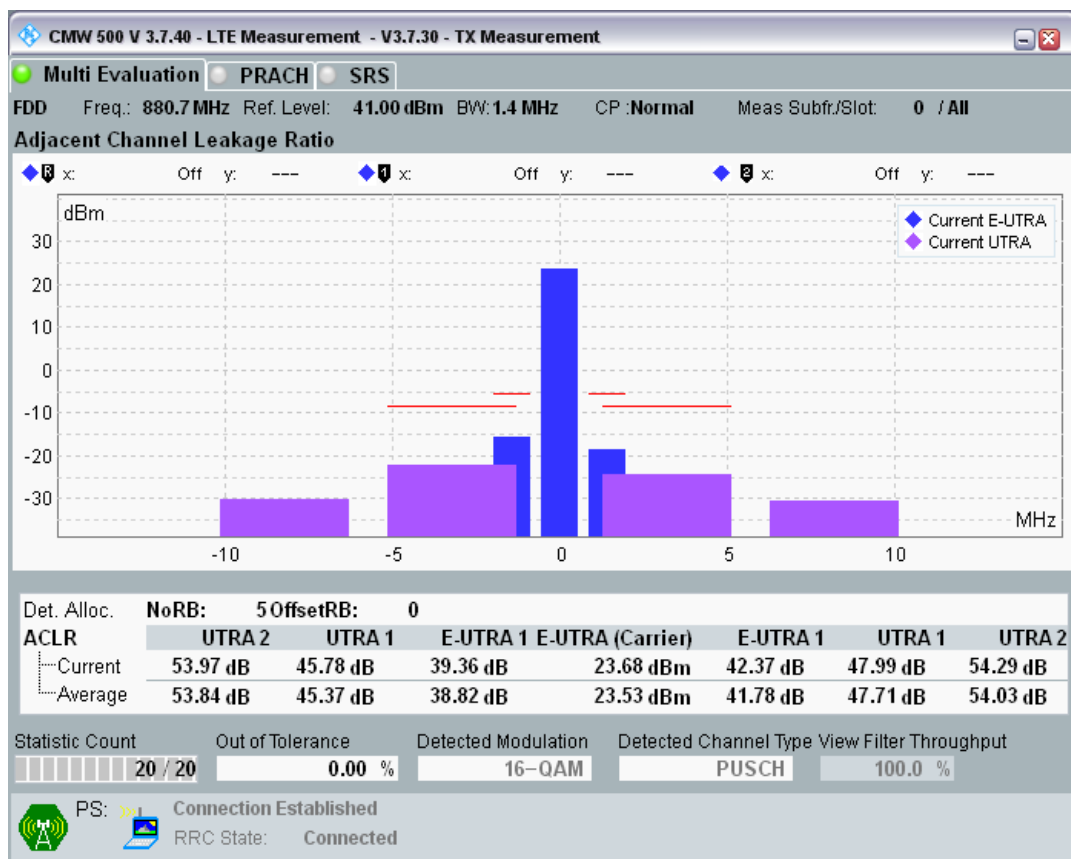
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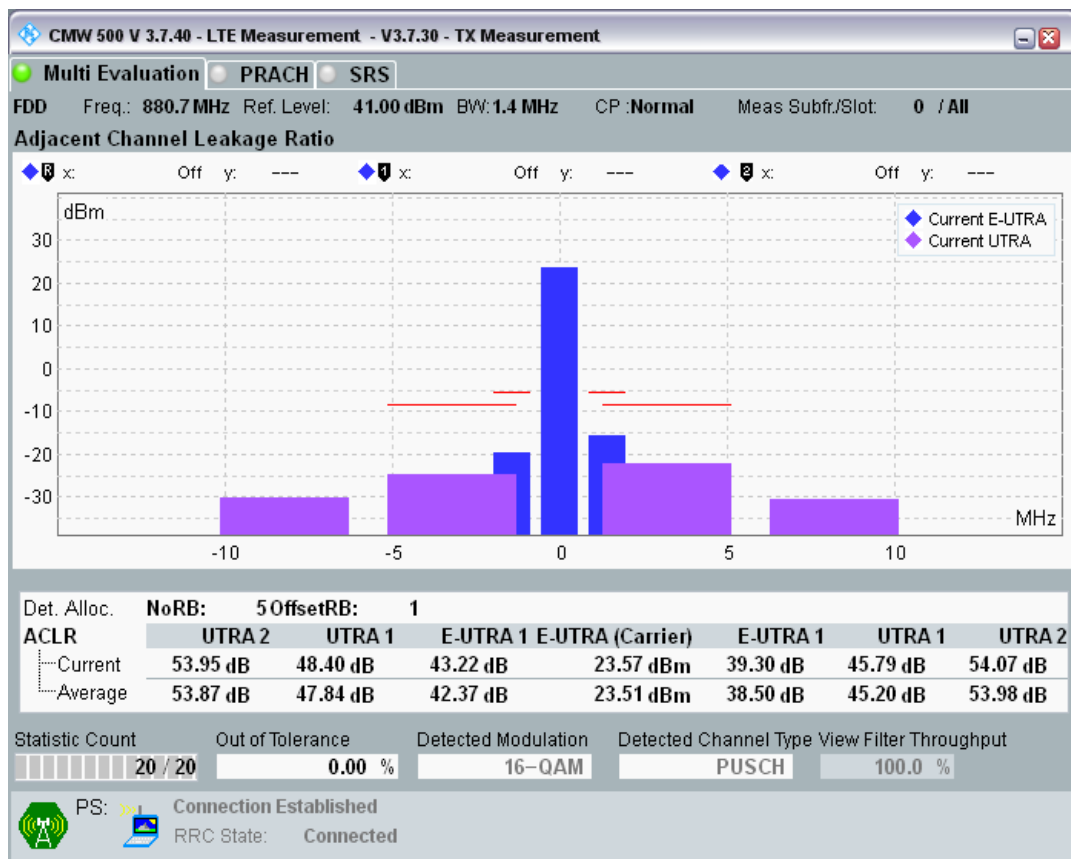
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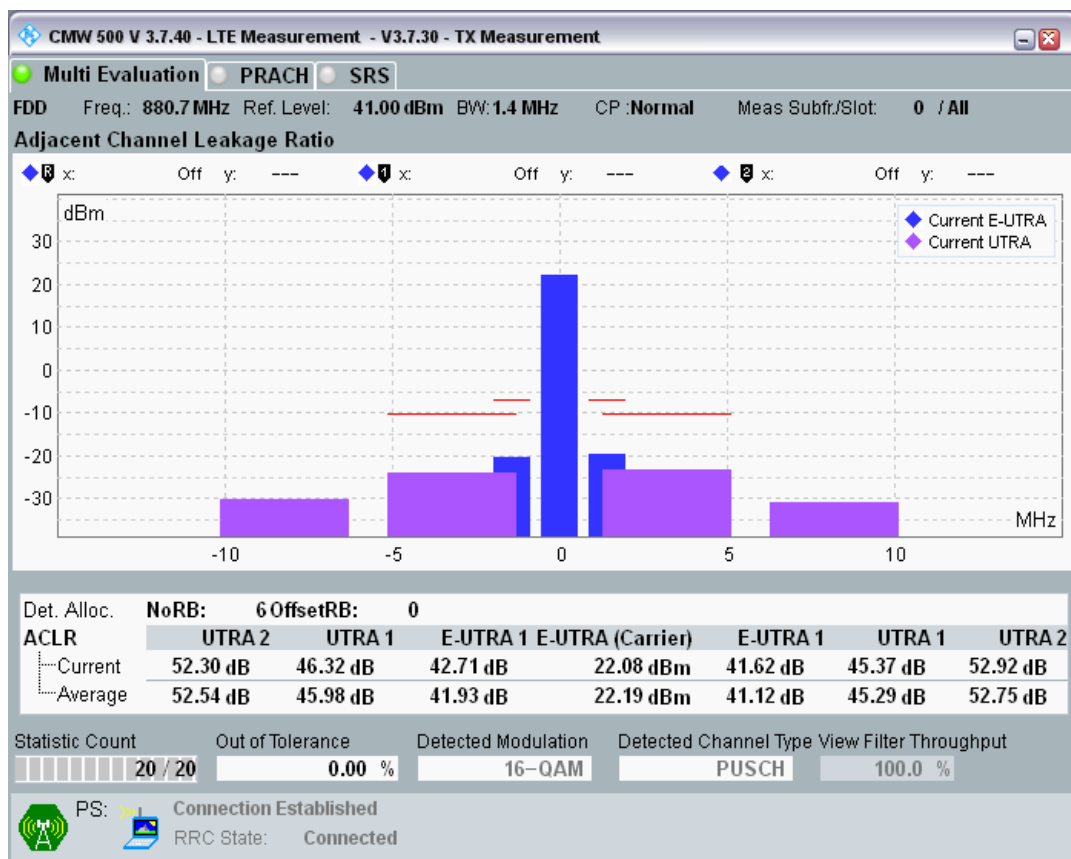
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



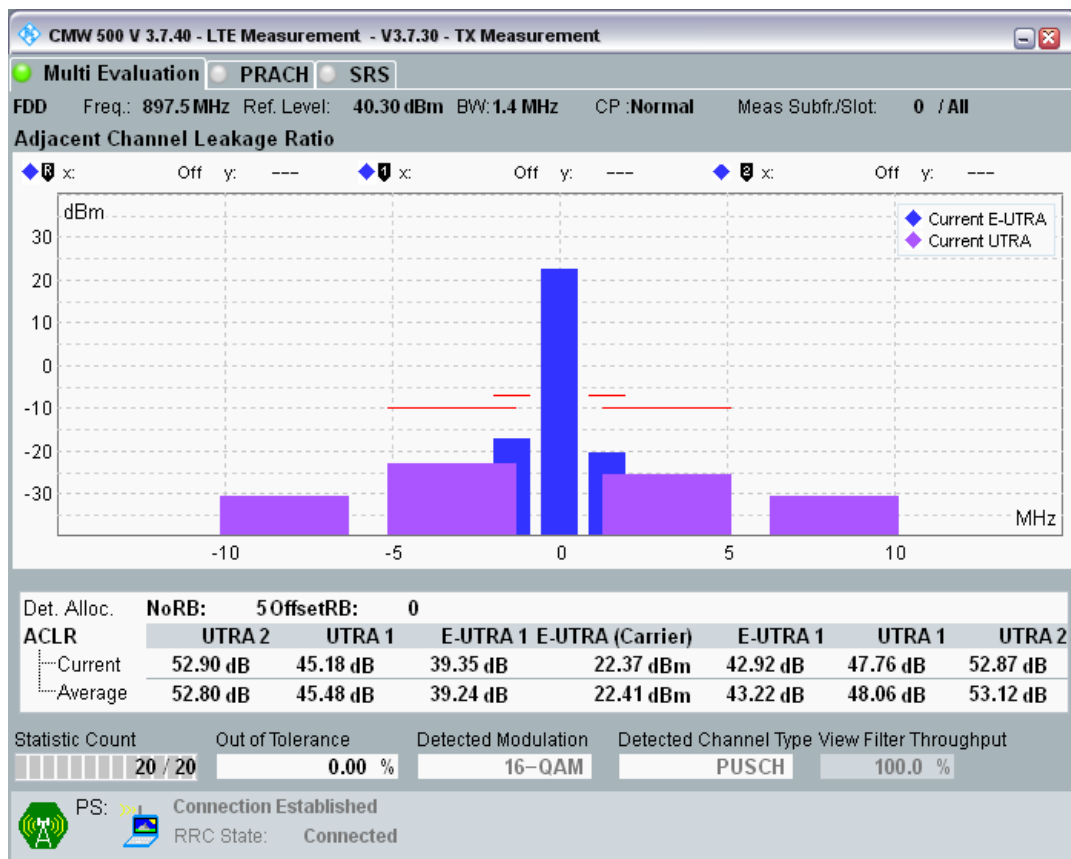
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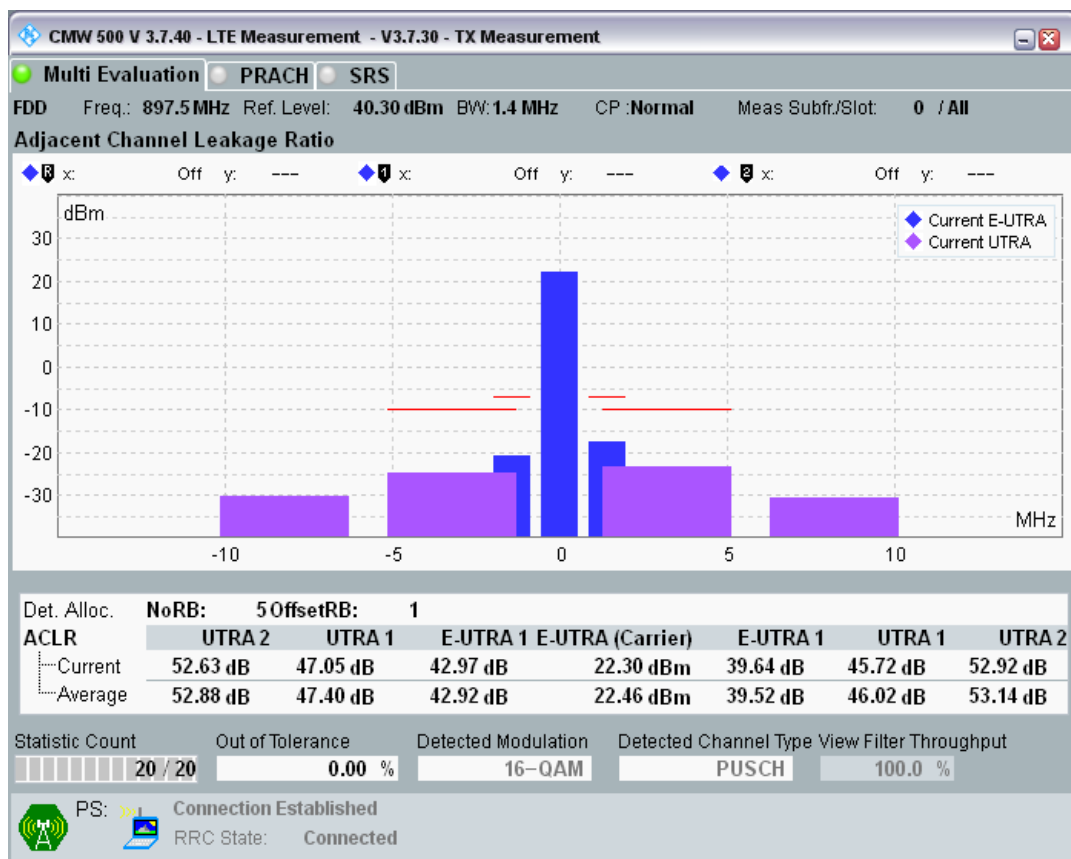
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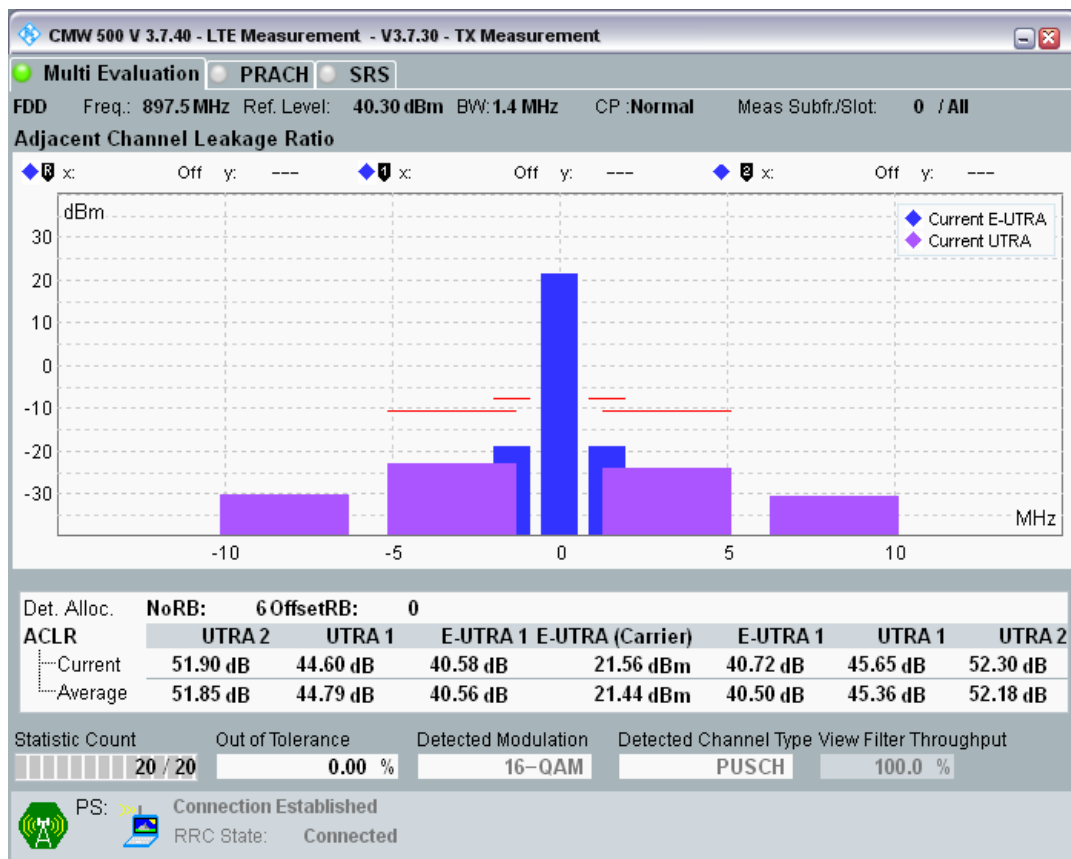
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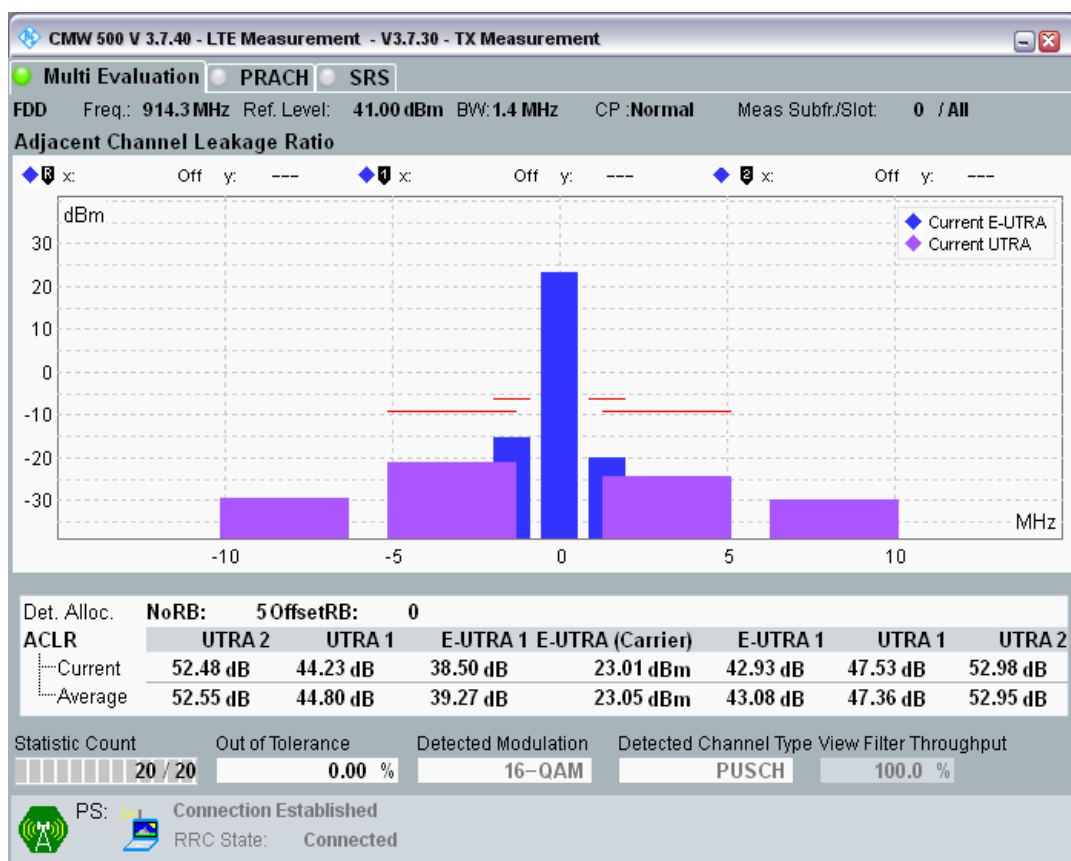
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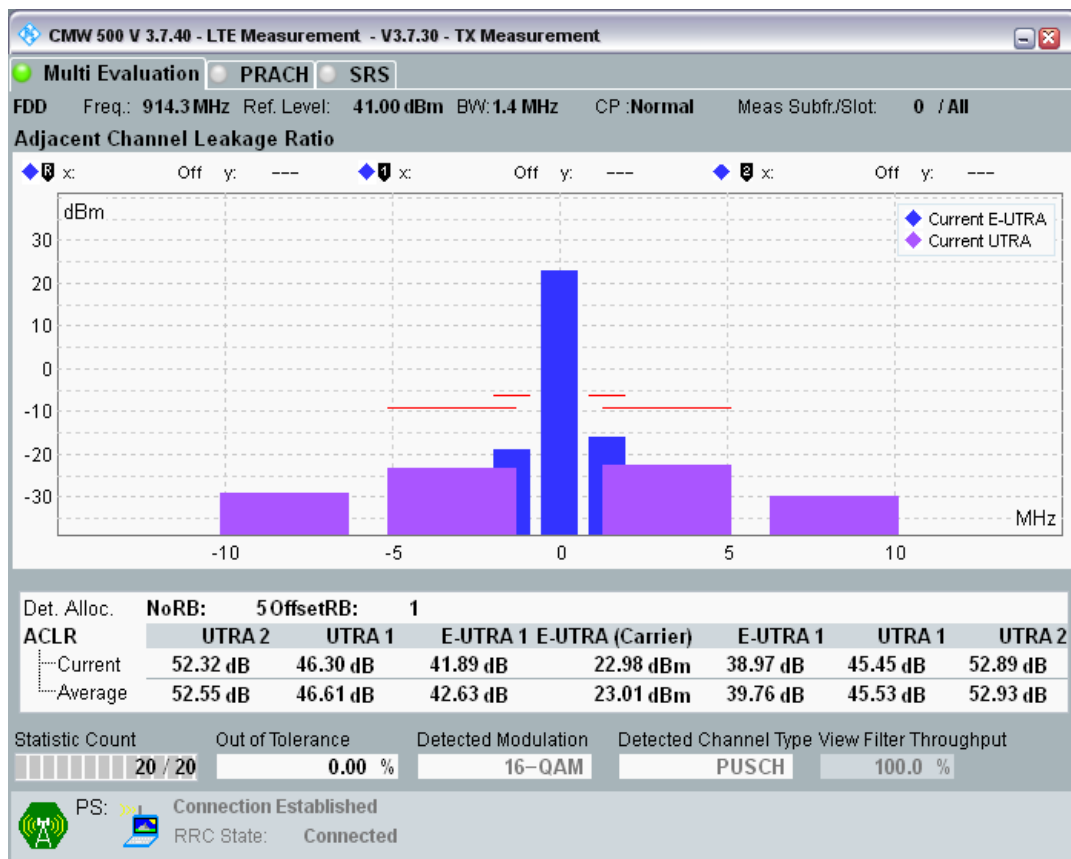
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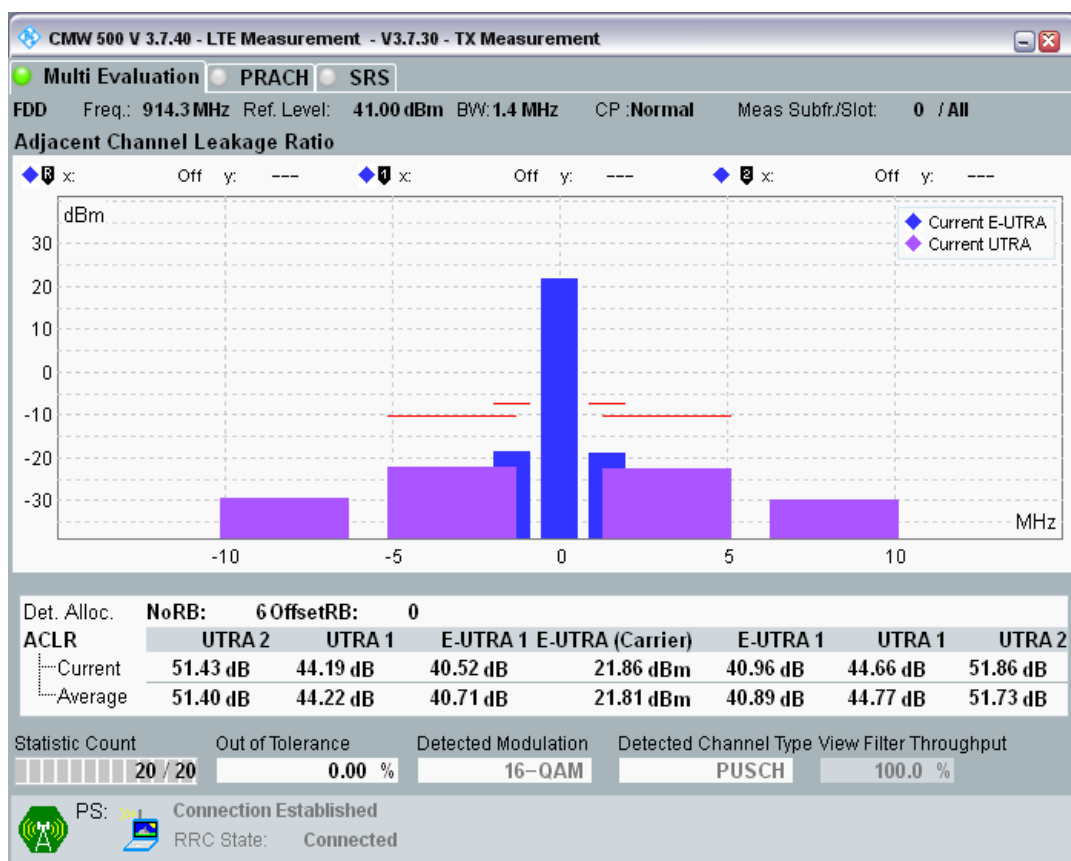
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



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



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



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



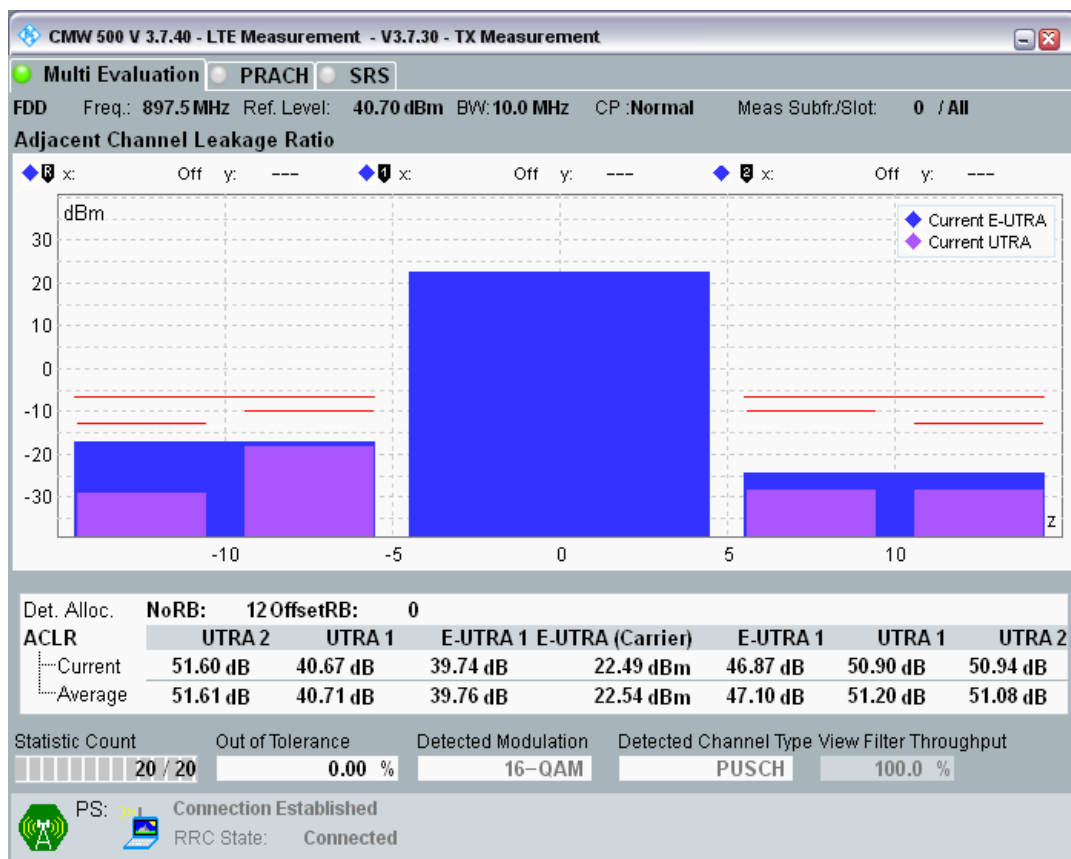
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Band8 QAM16 BW=10MHz Channel=21500 RB Size=50 Position=#0.png



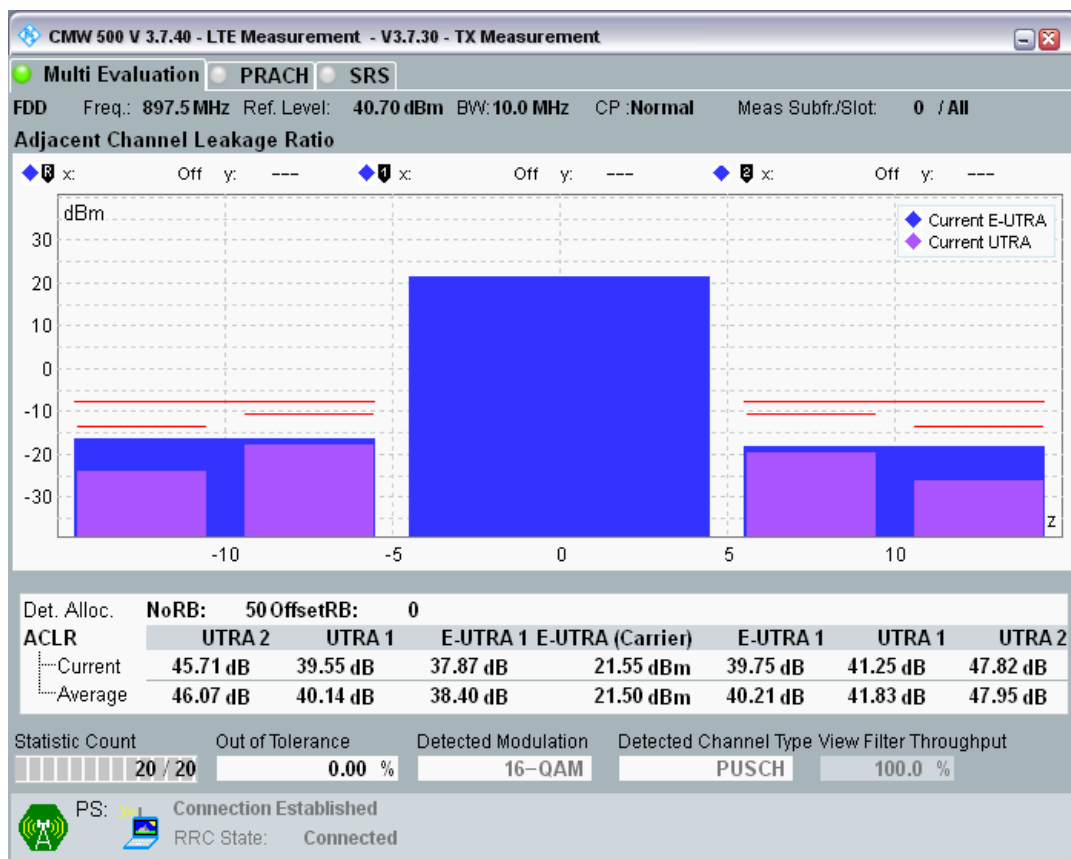
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Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#Max.png



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



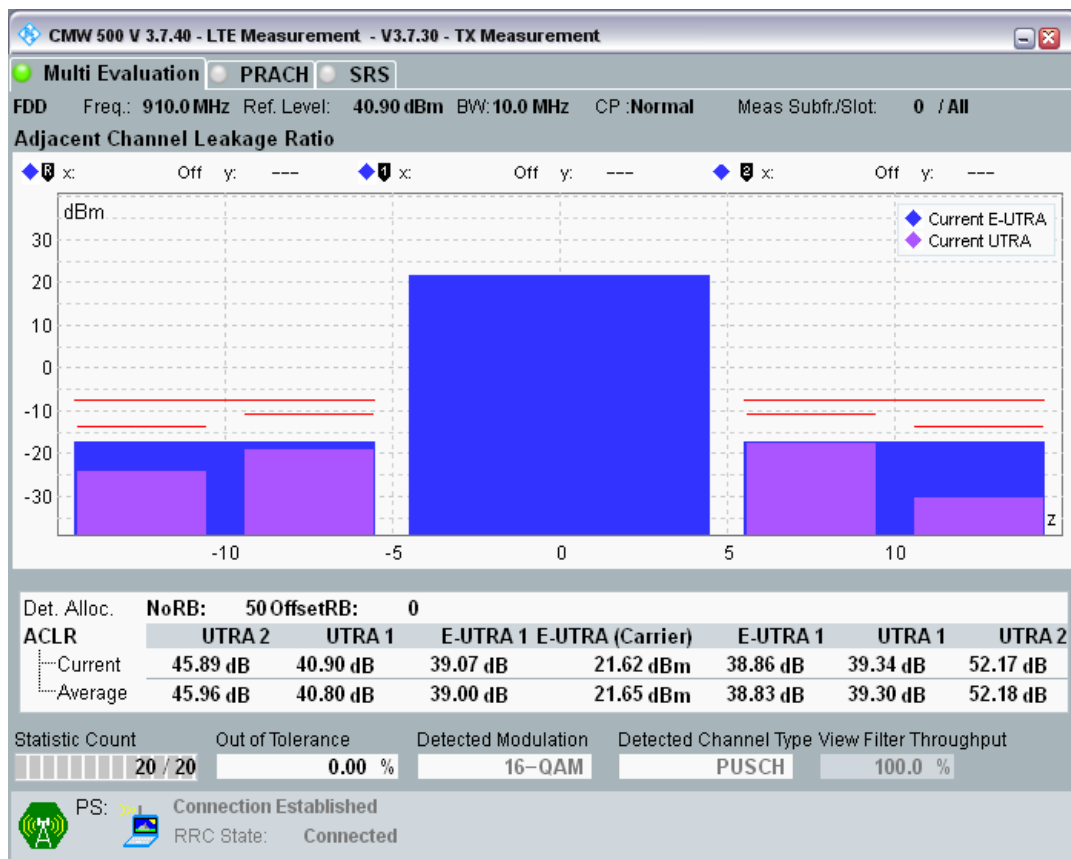
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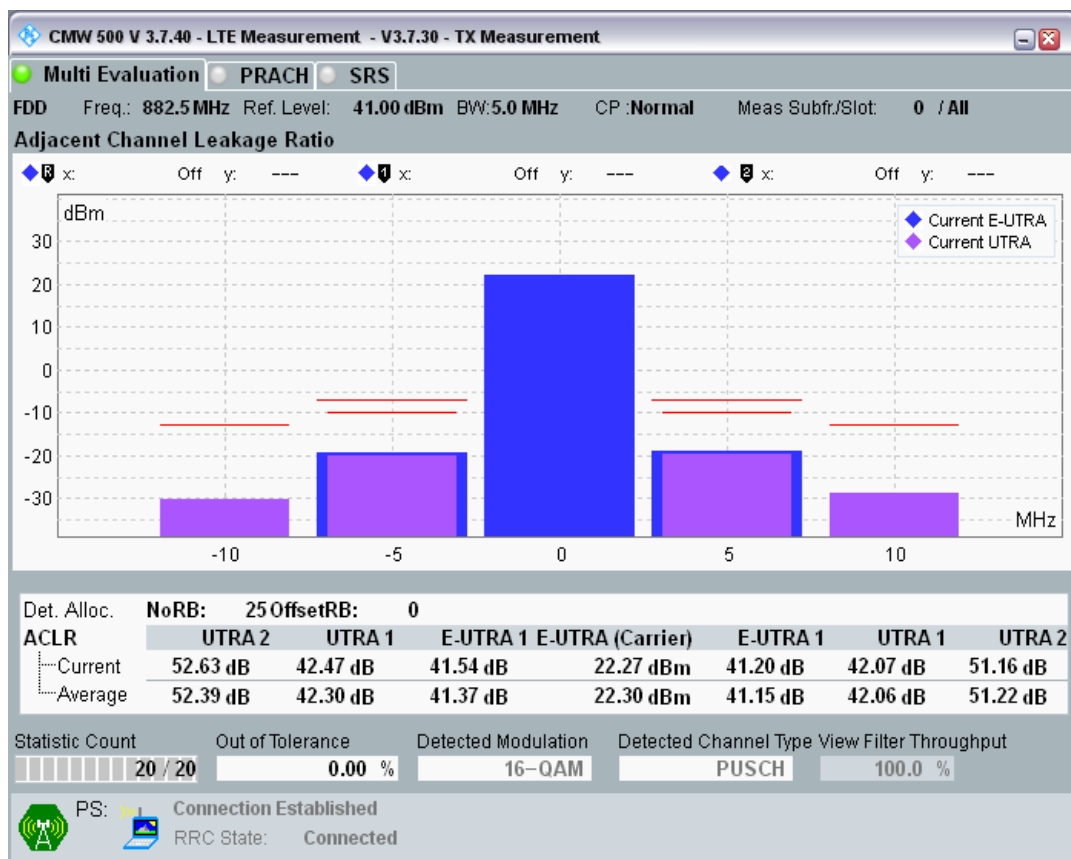
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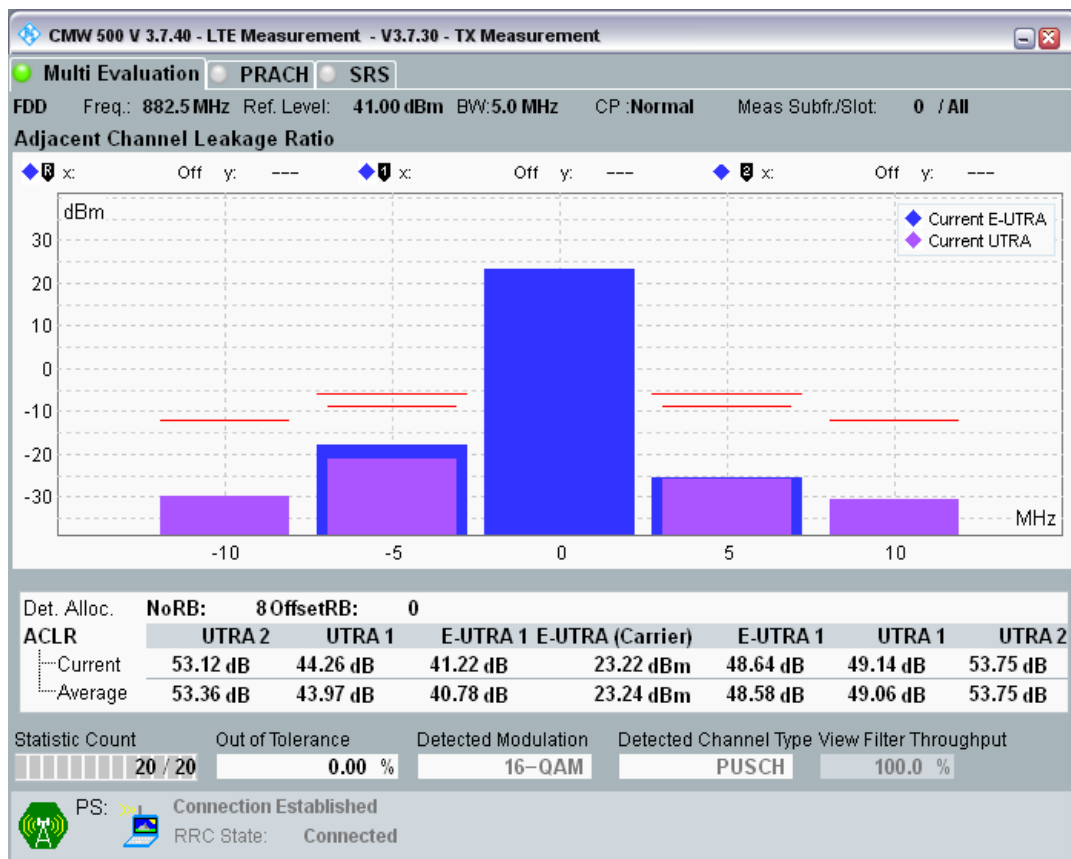
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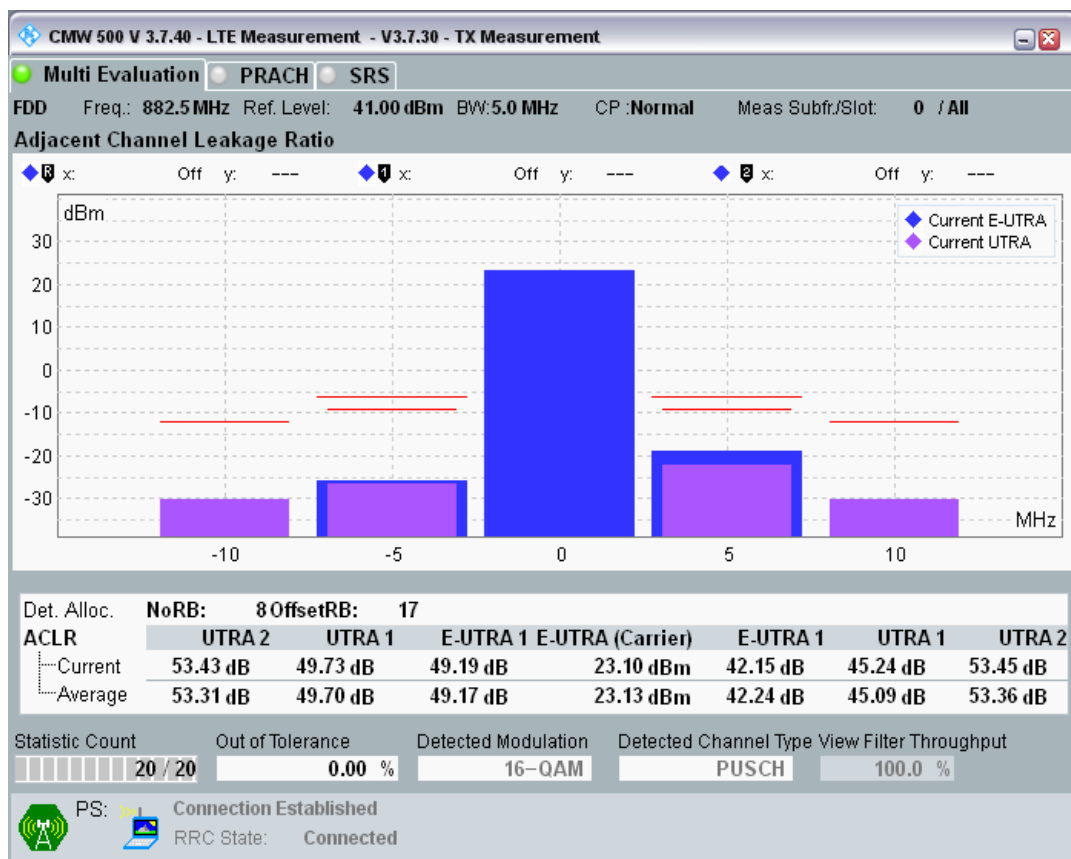
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Band8 QAM16 BW=5MHz Channel=21475 RB Size=8 Position=#0.png



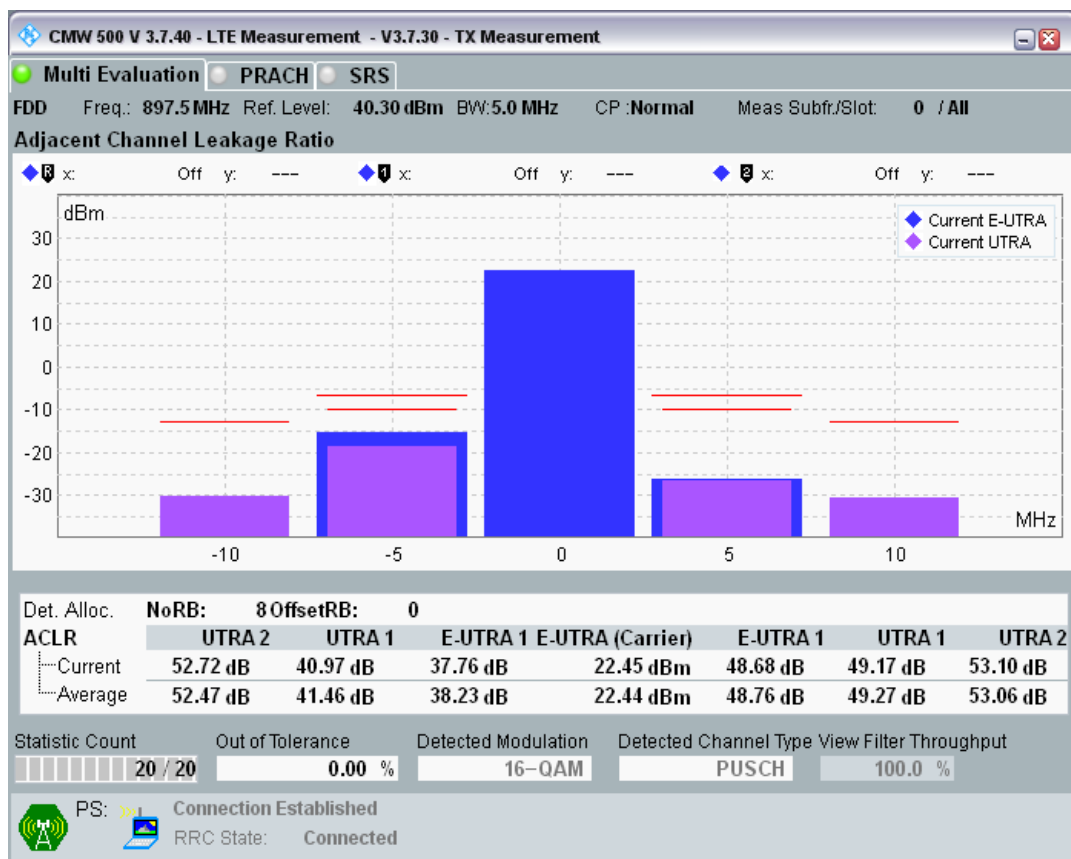
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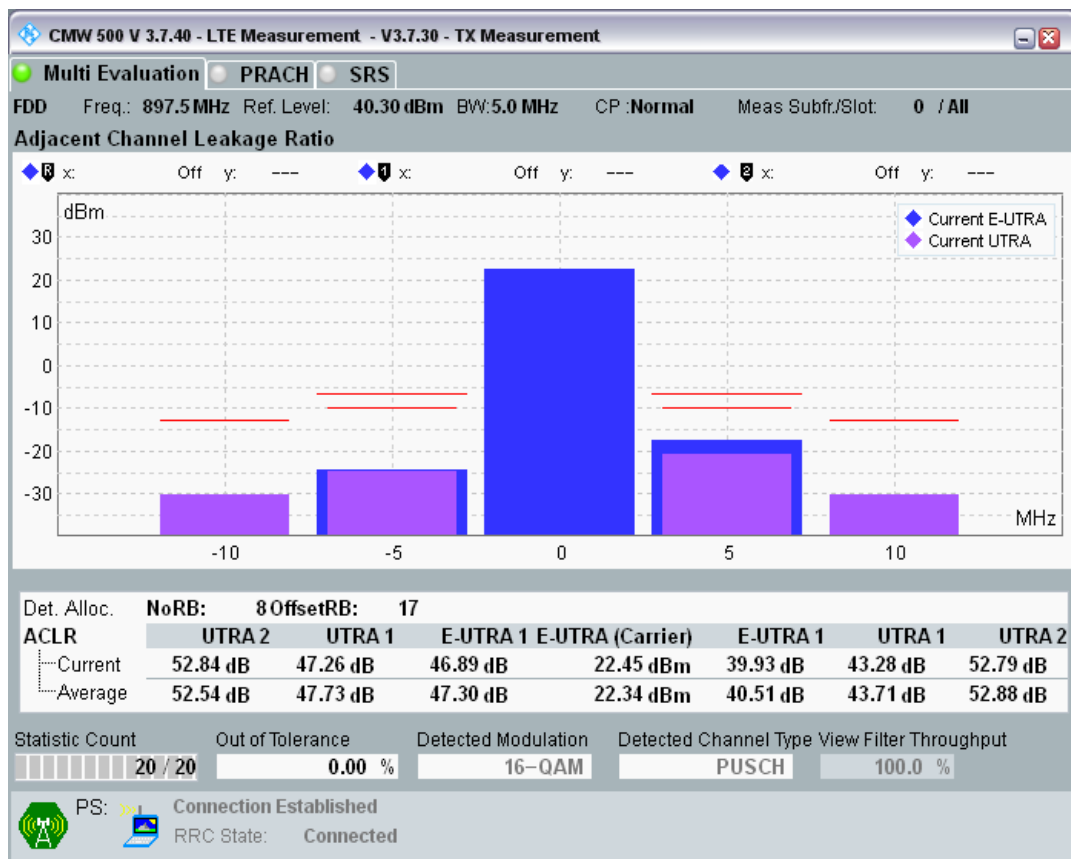
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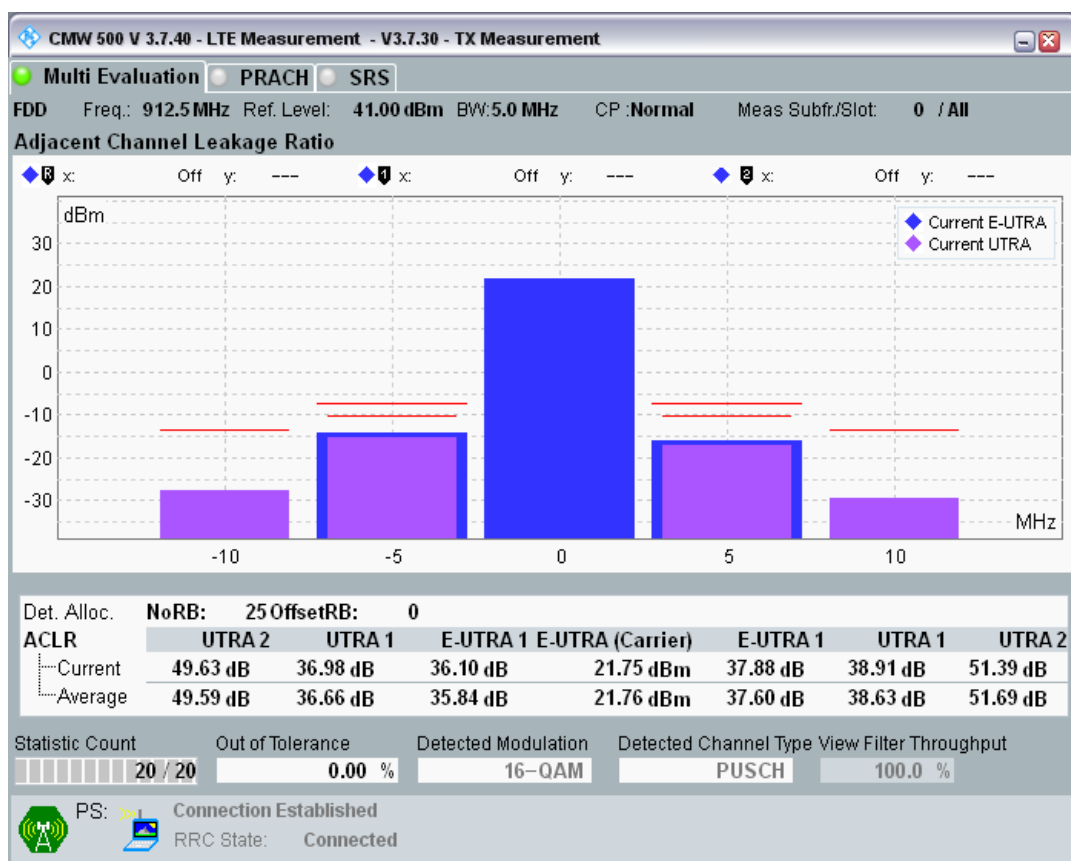
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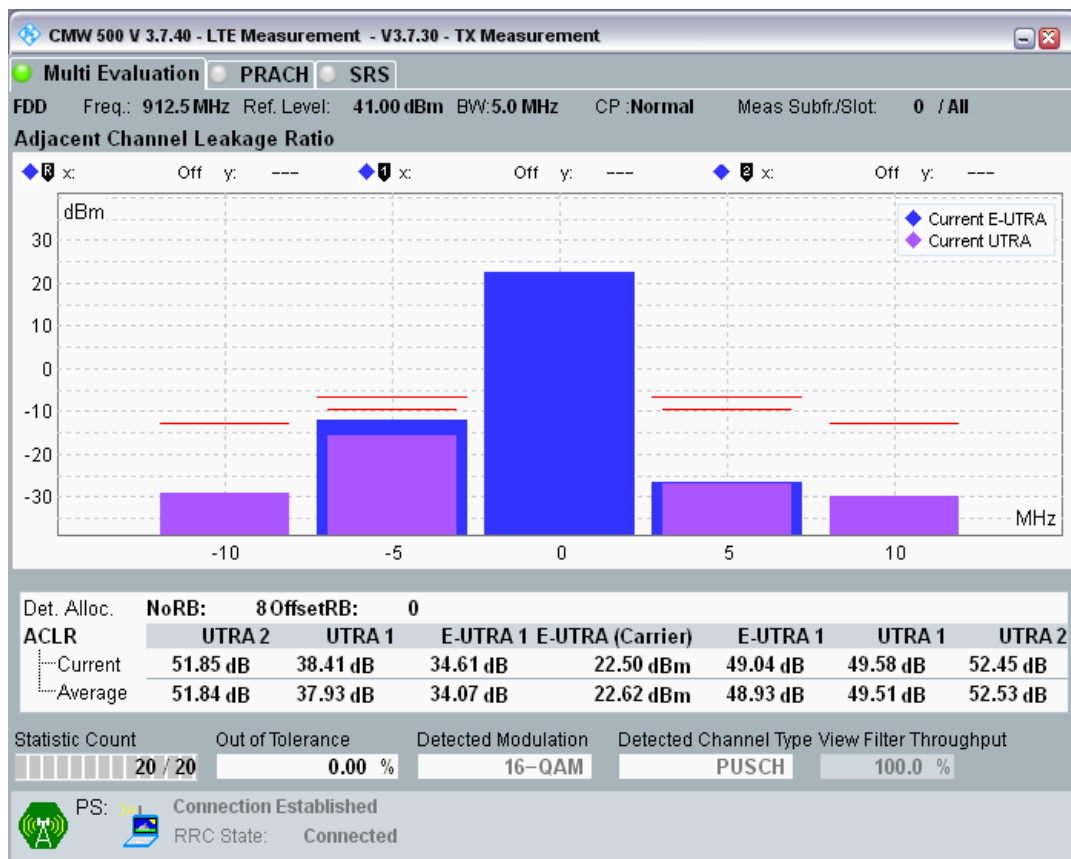
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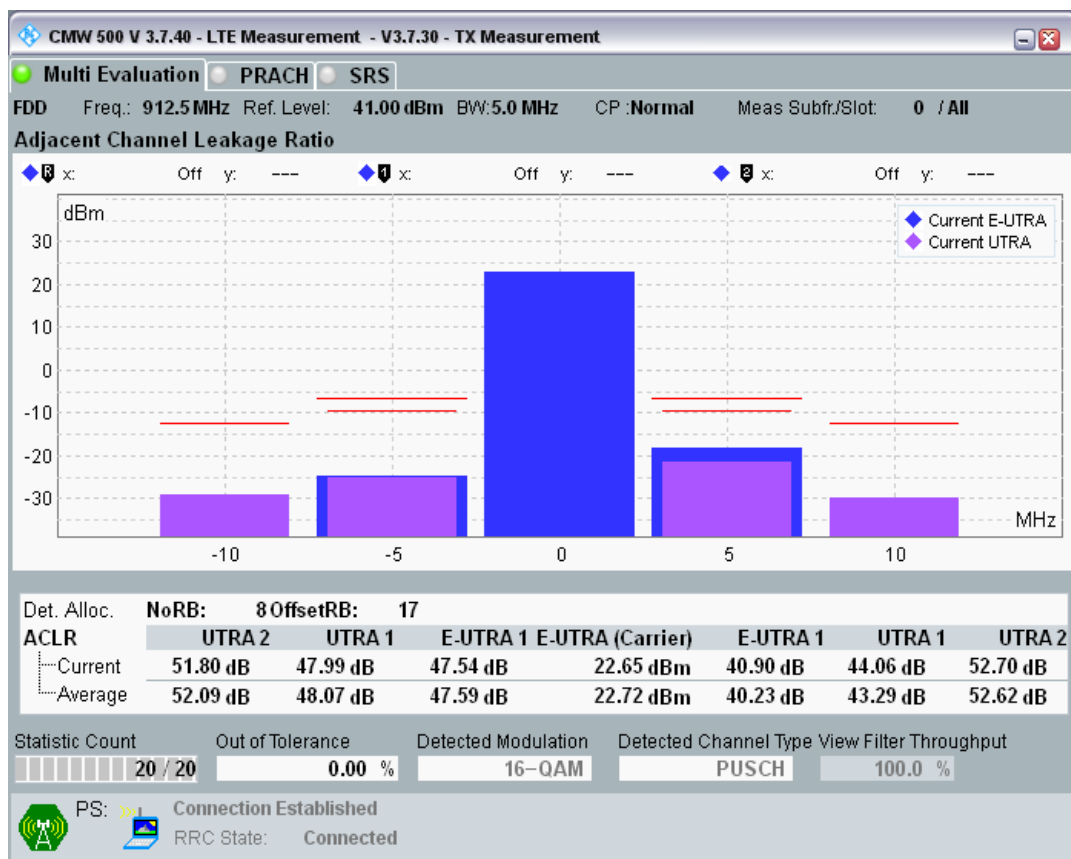
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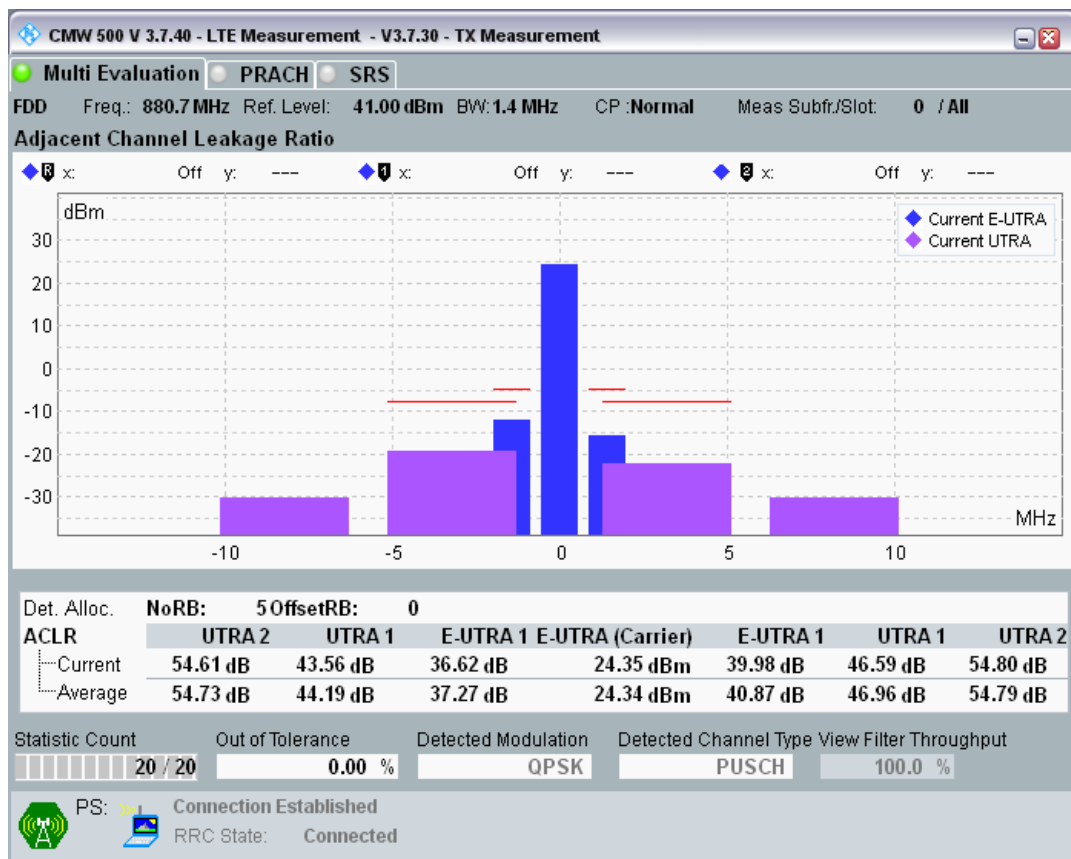
Band8 QAM16 BW=5MHz Channel=21775 RB Size=8 Position=#0.png



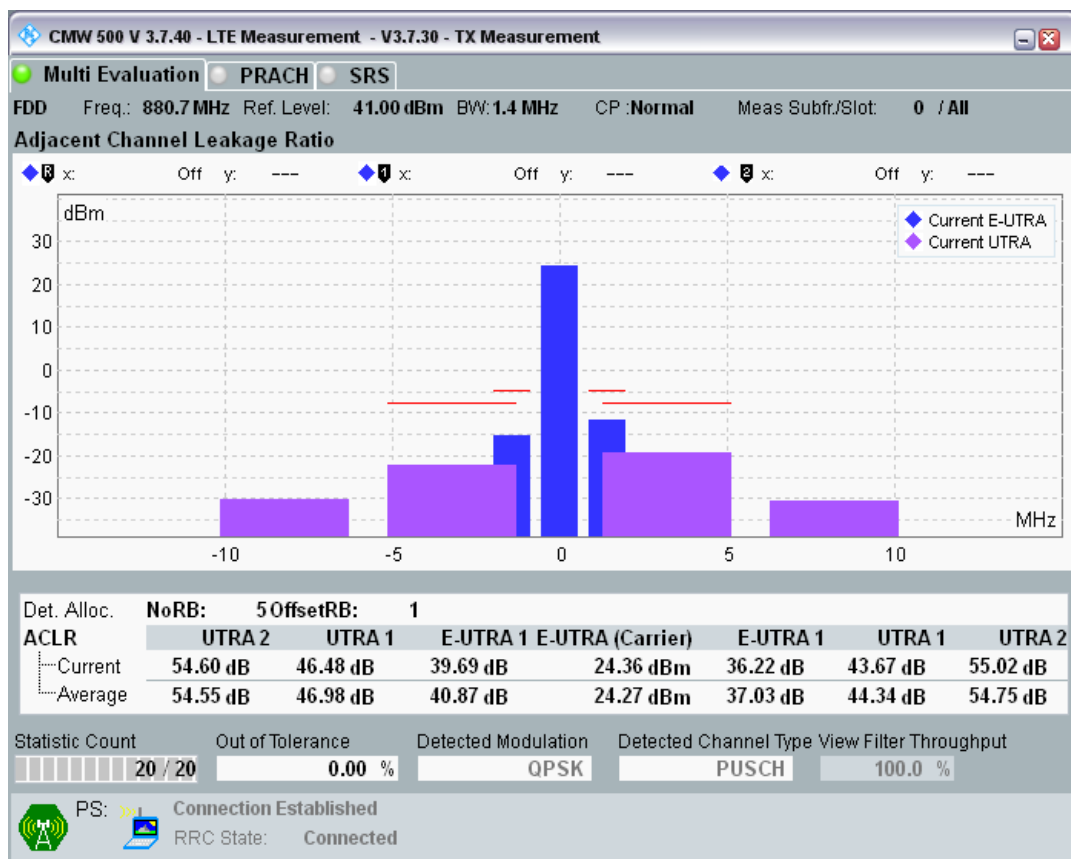
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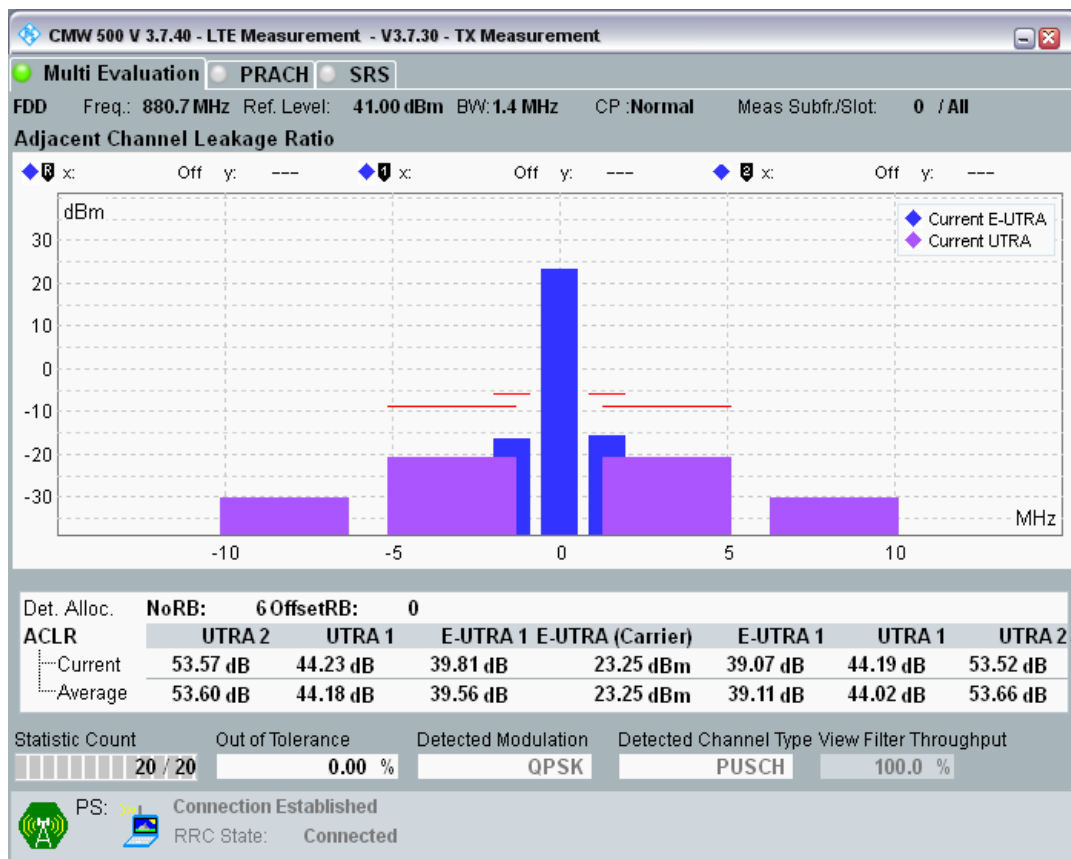
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



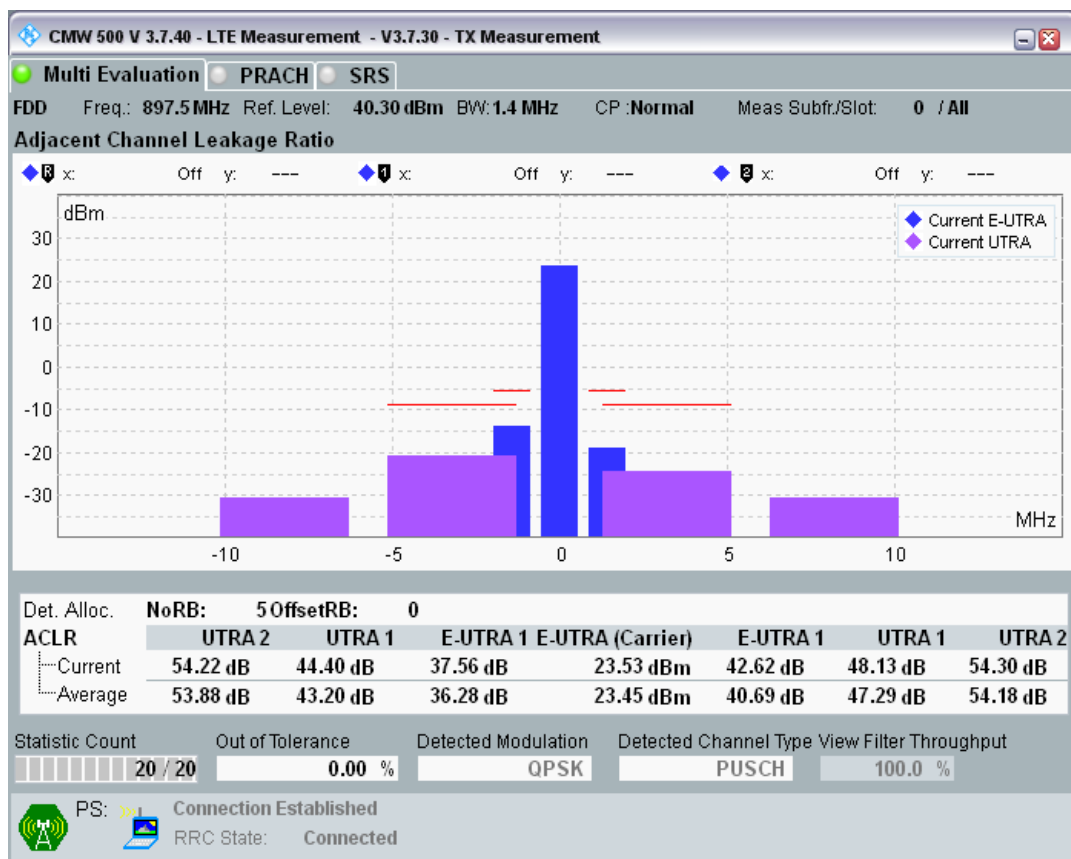
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png



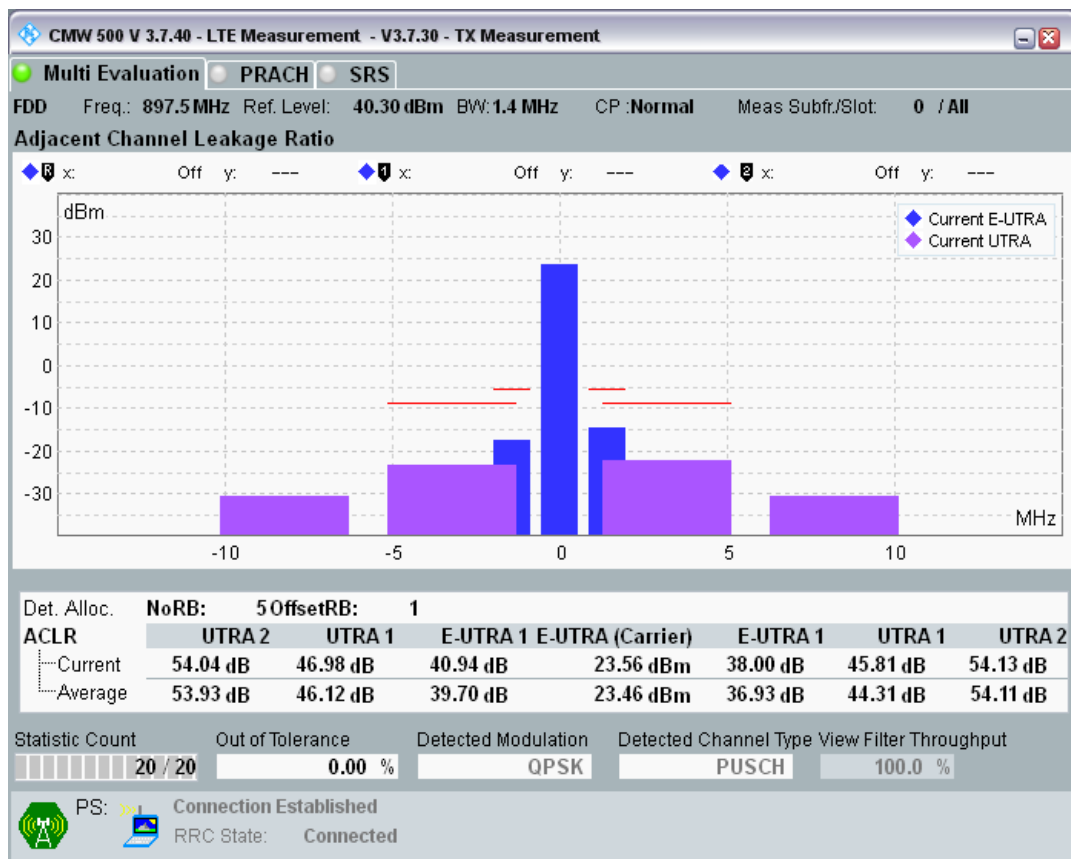
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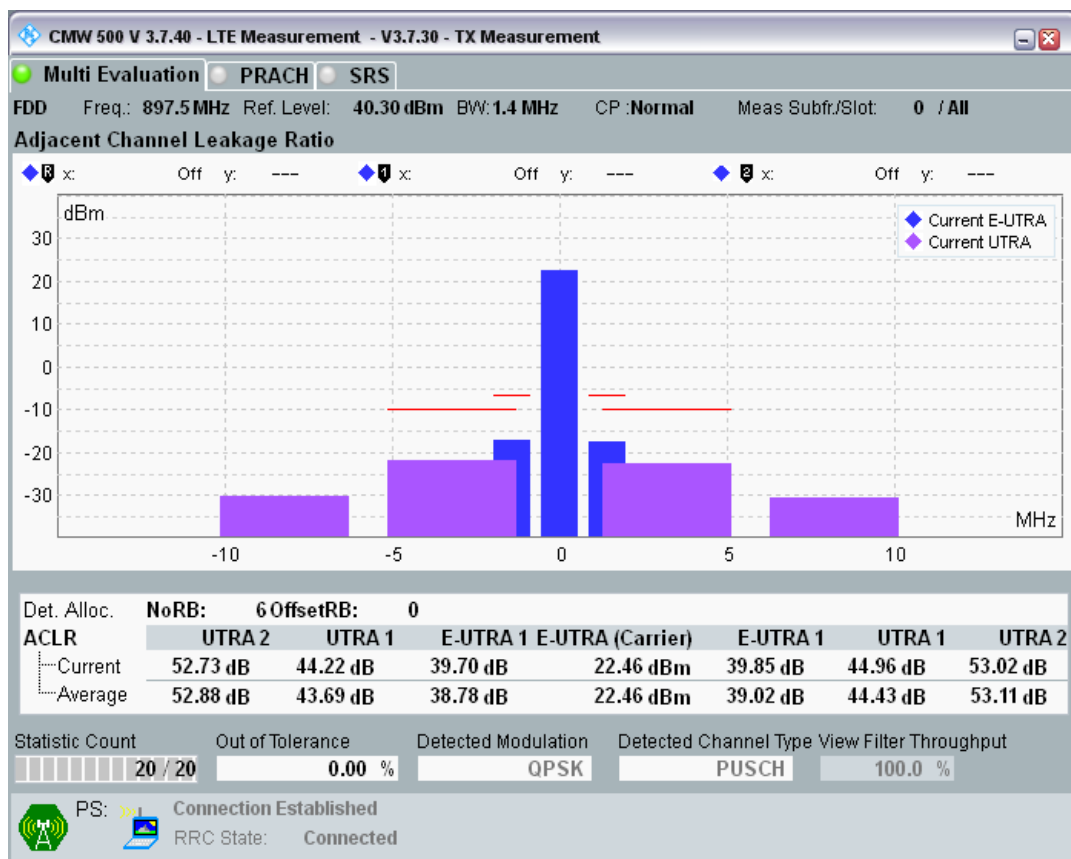
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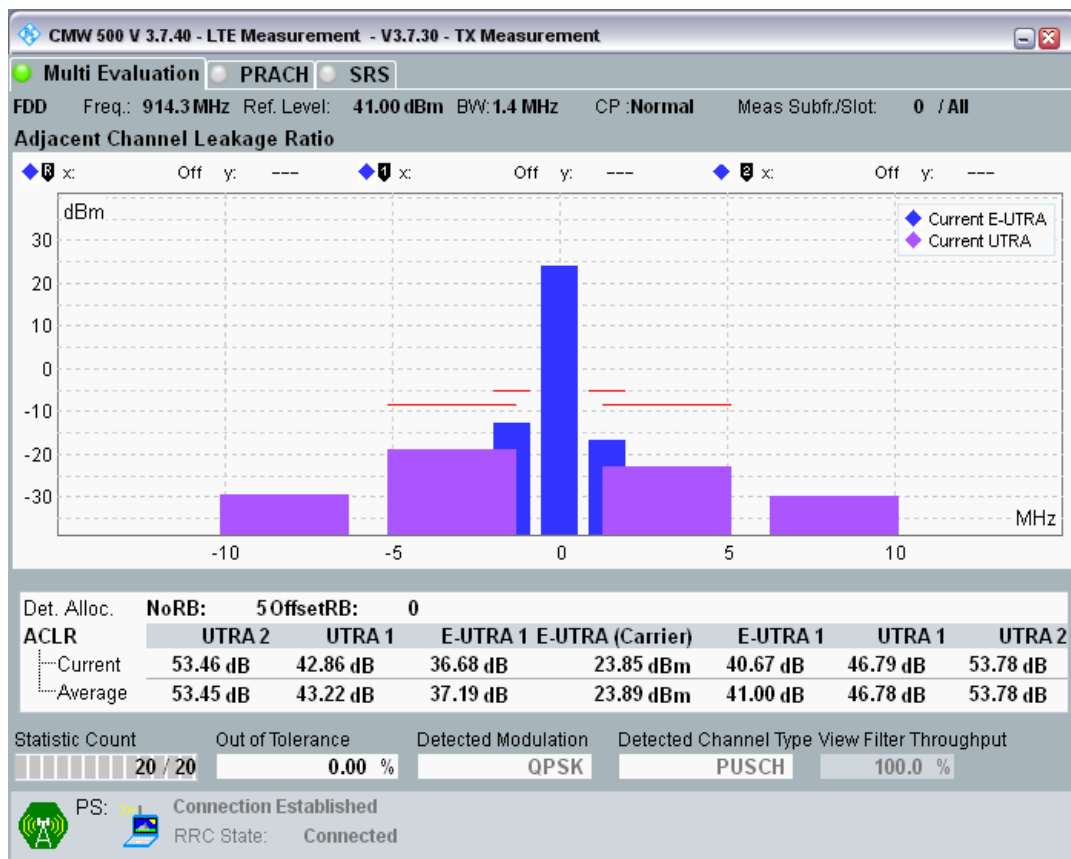
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=5 Position=#Max.png



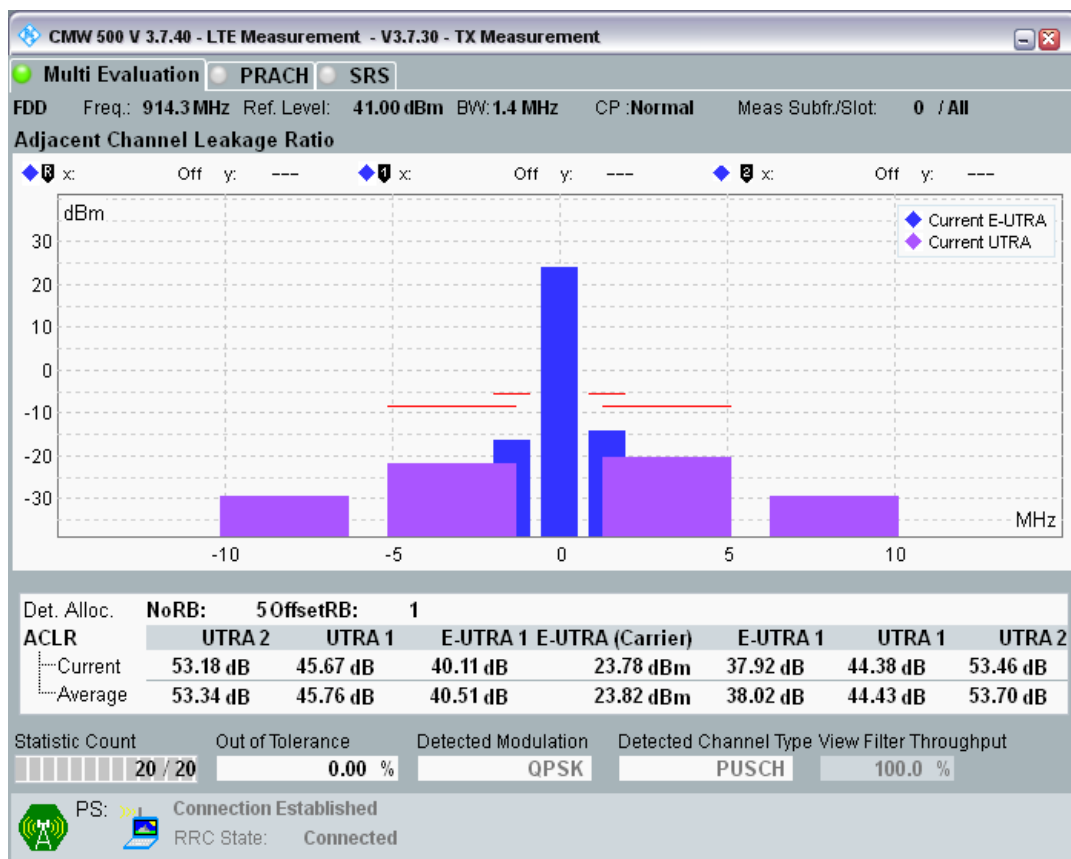
Band8 QPSK BW=1.4MHz Channel=21625 RB Size=6 Position=#0.png



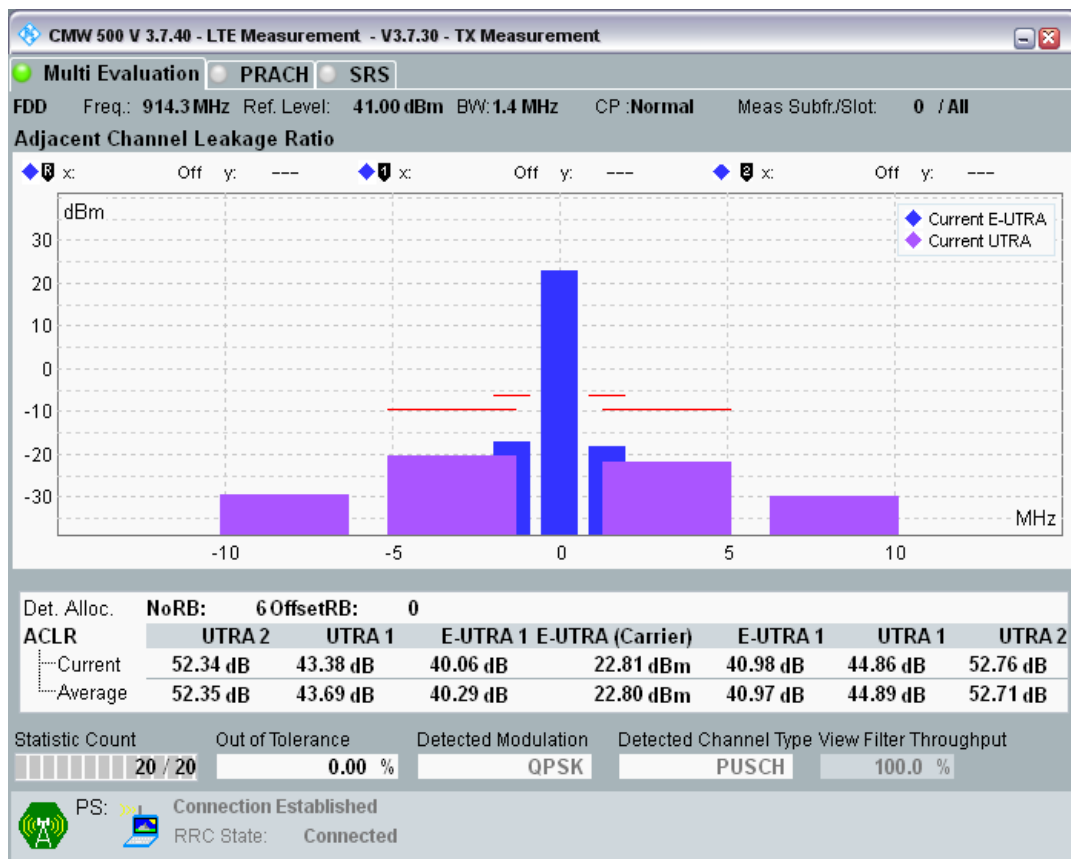
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



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



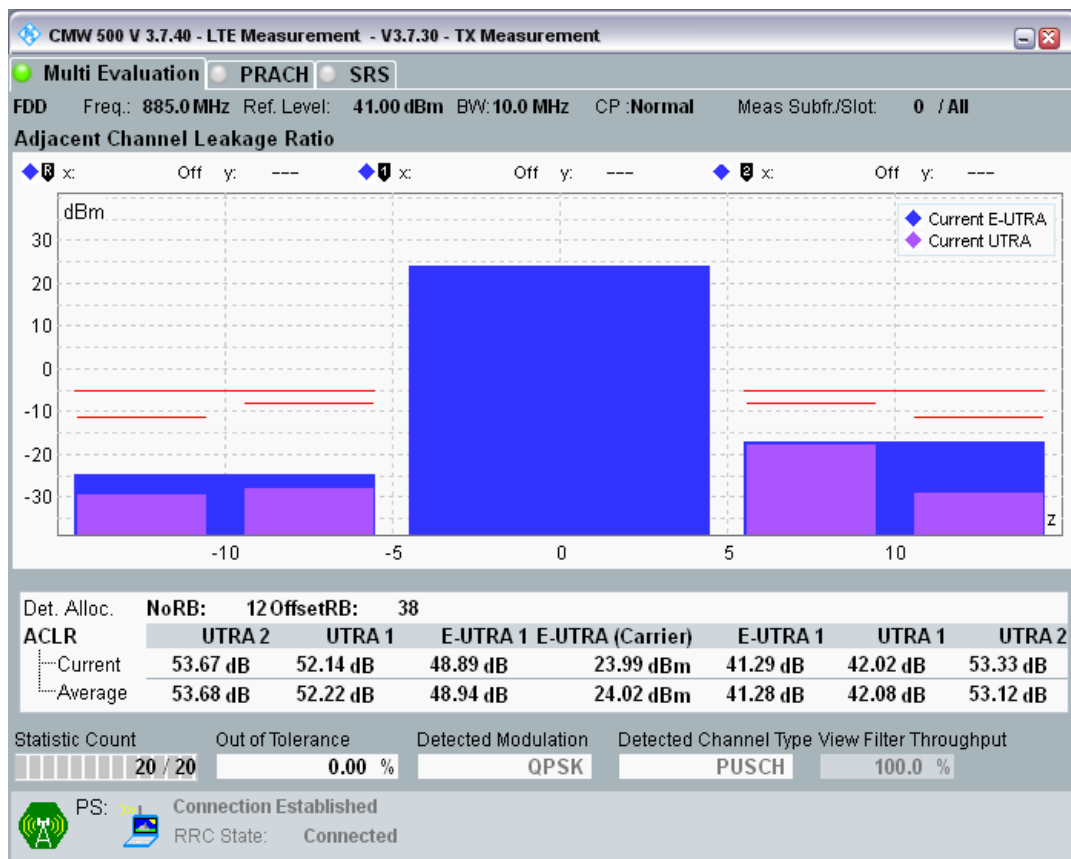
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Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#0.png



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



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



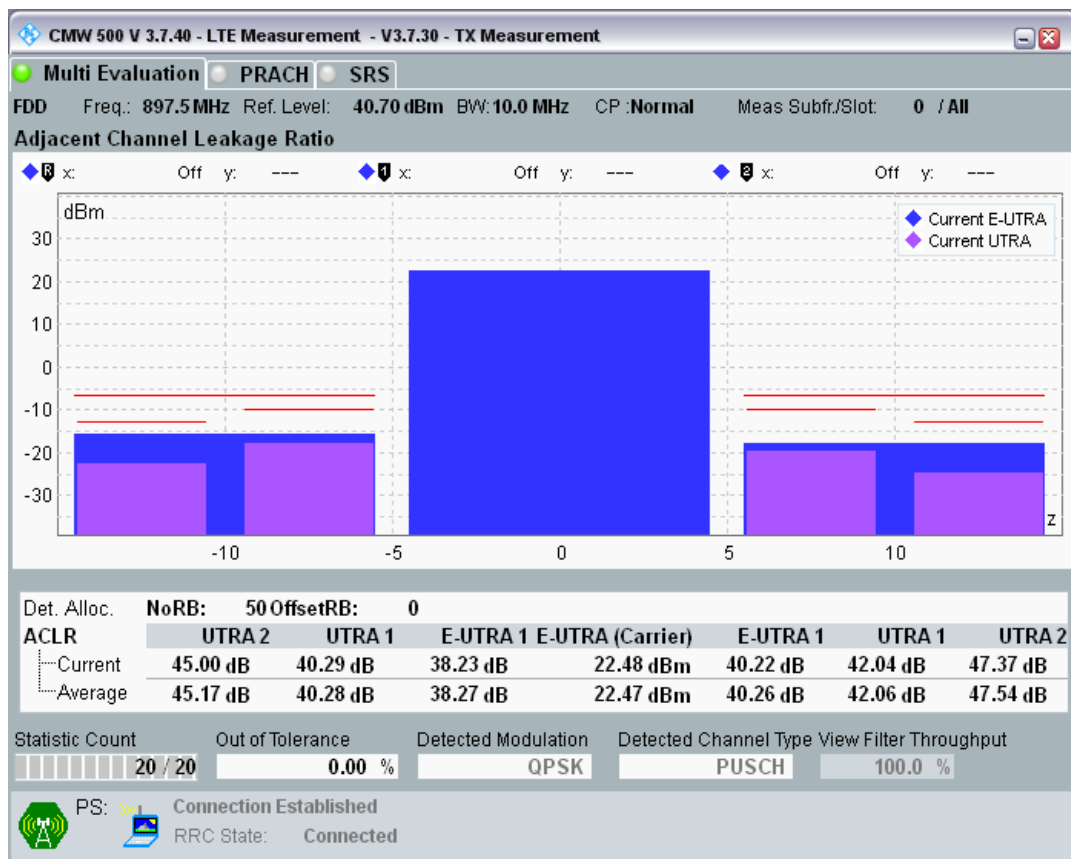
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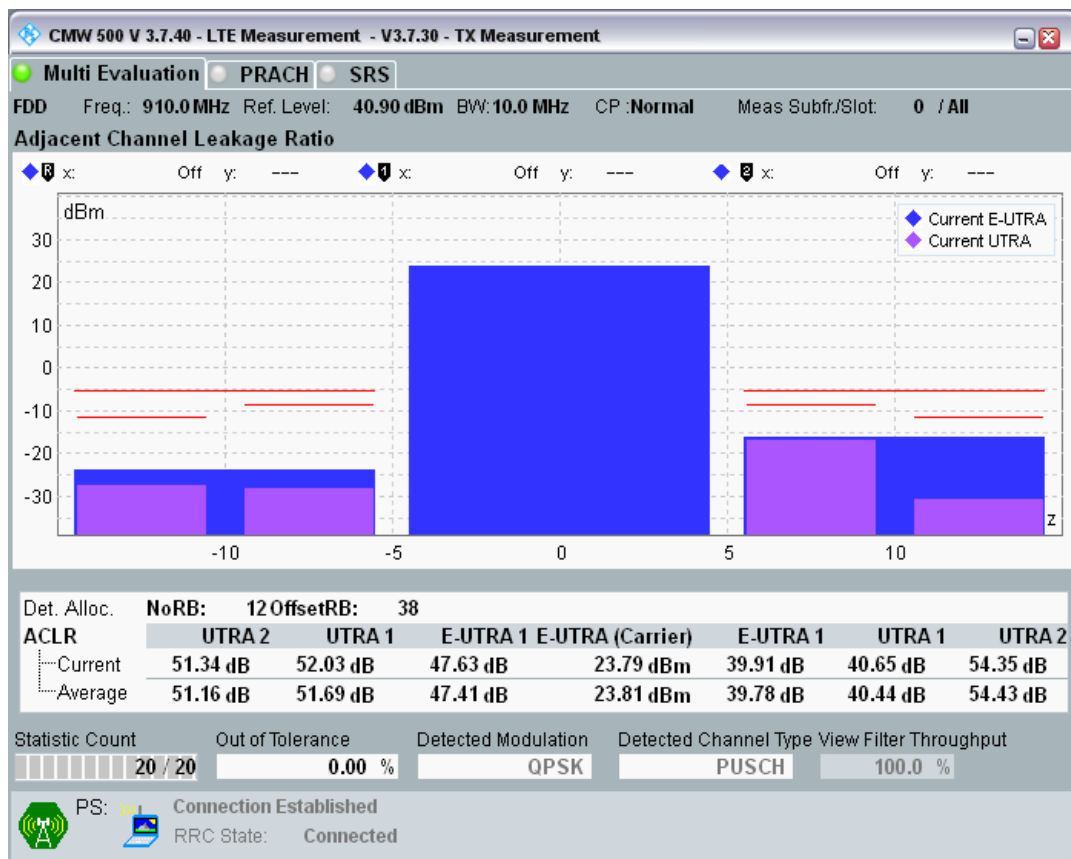
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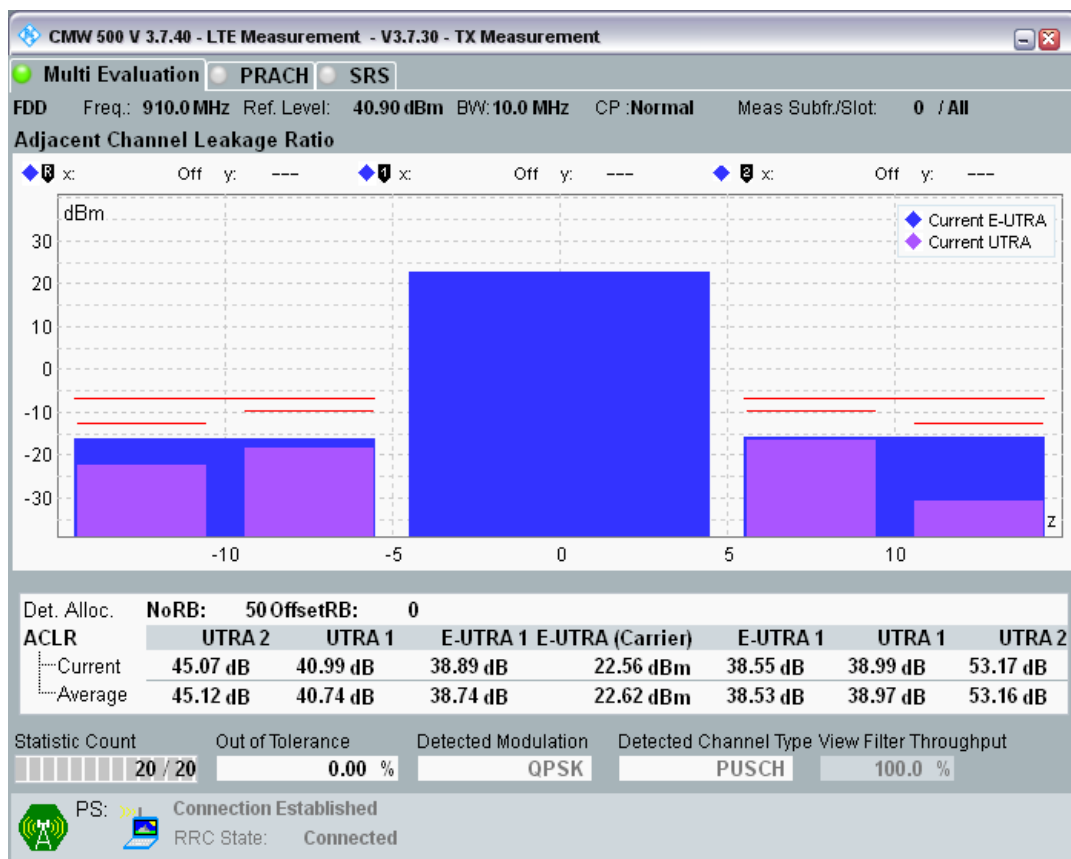
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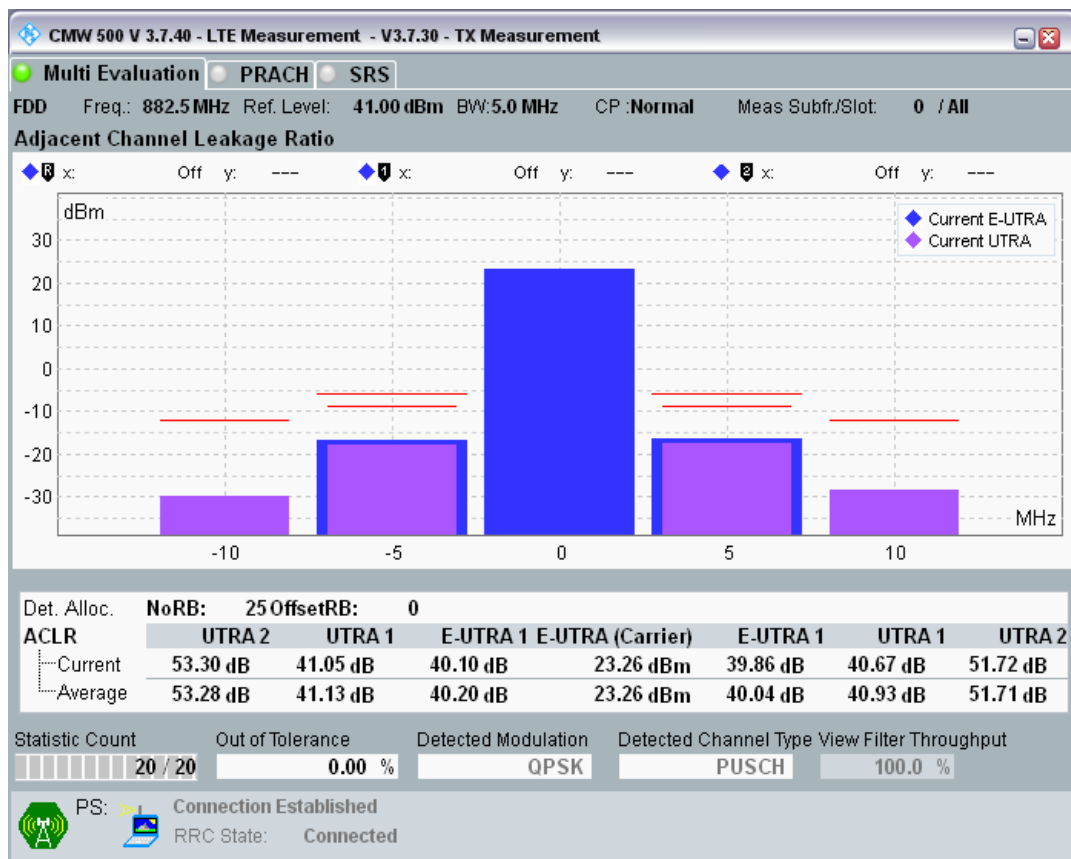
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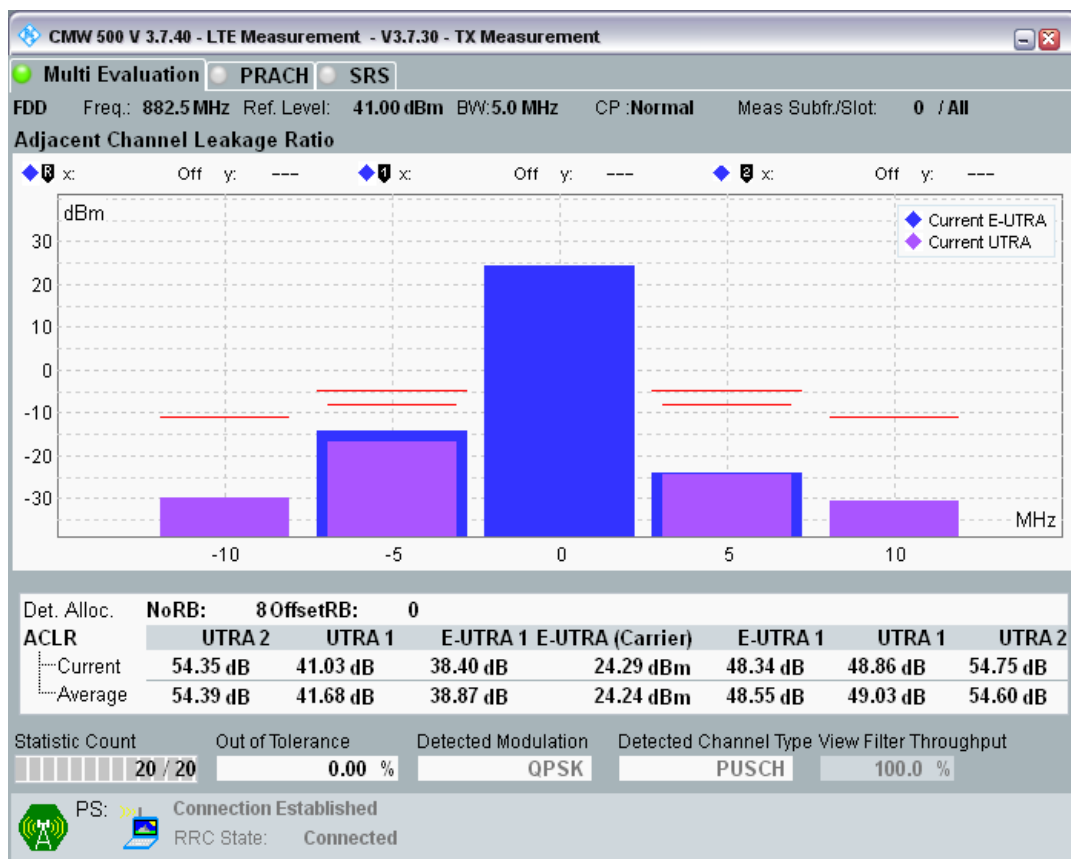
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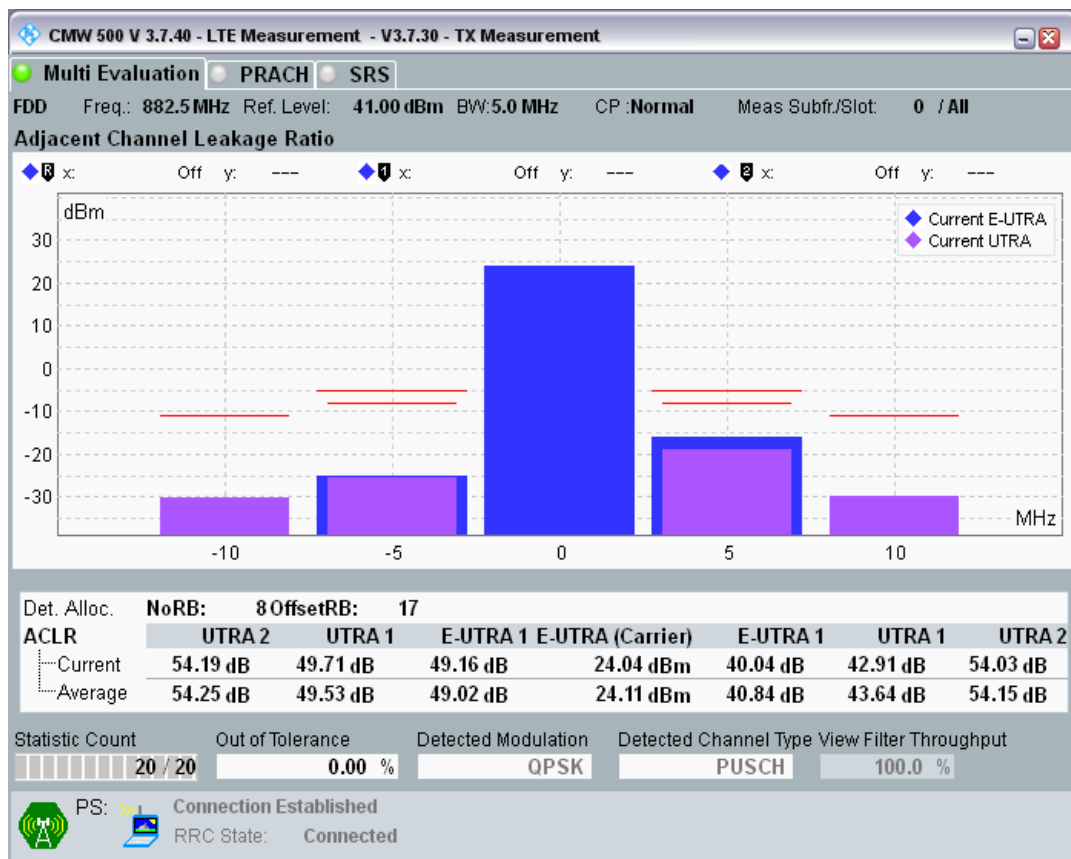
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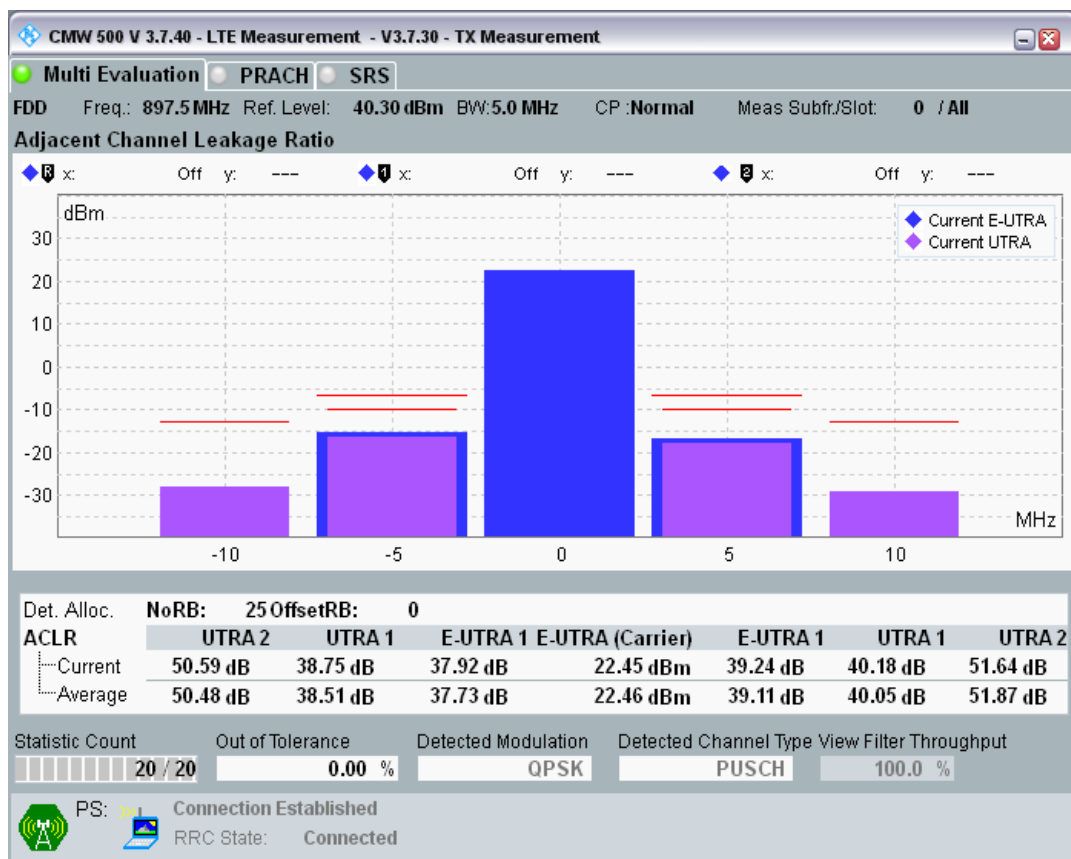
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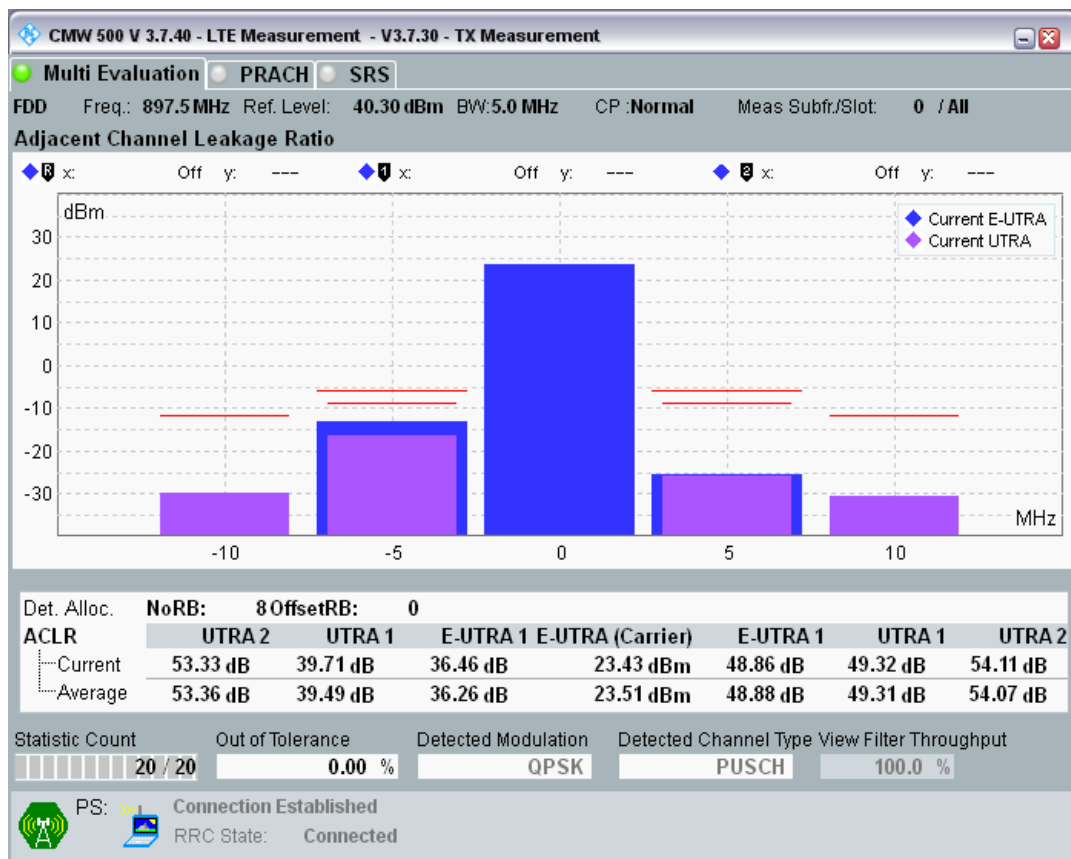
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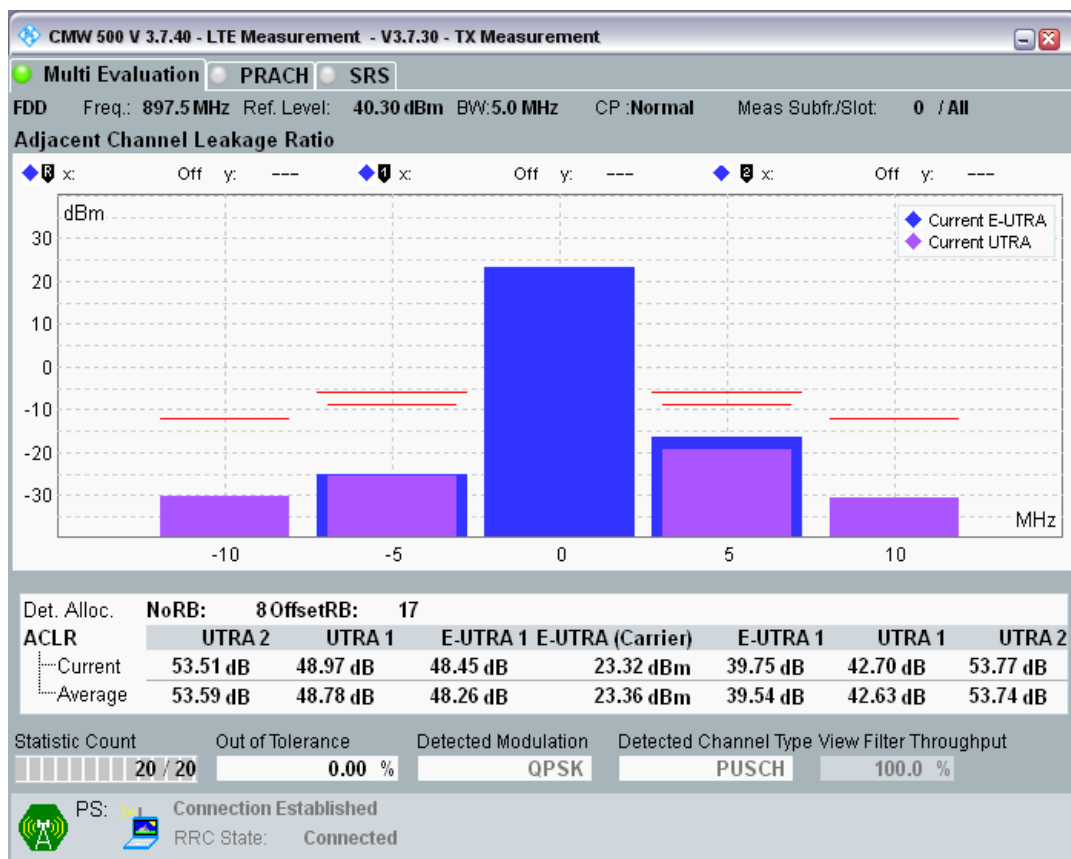
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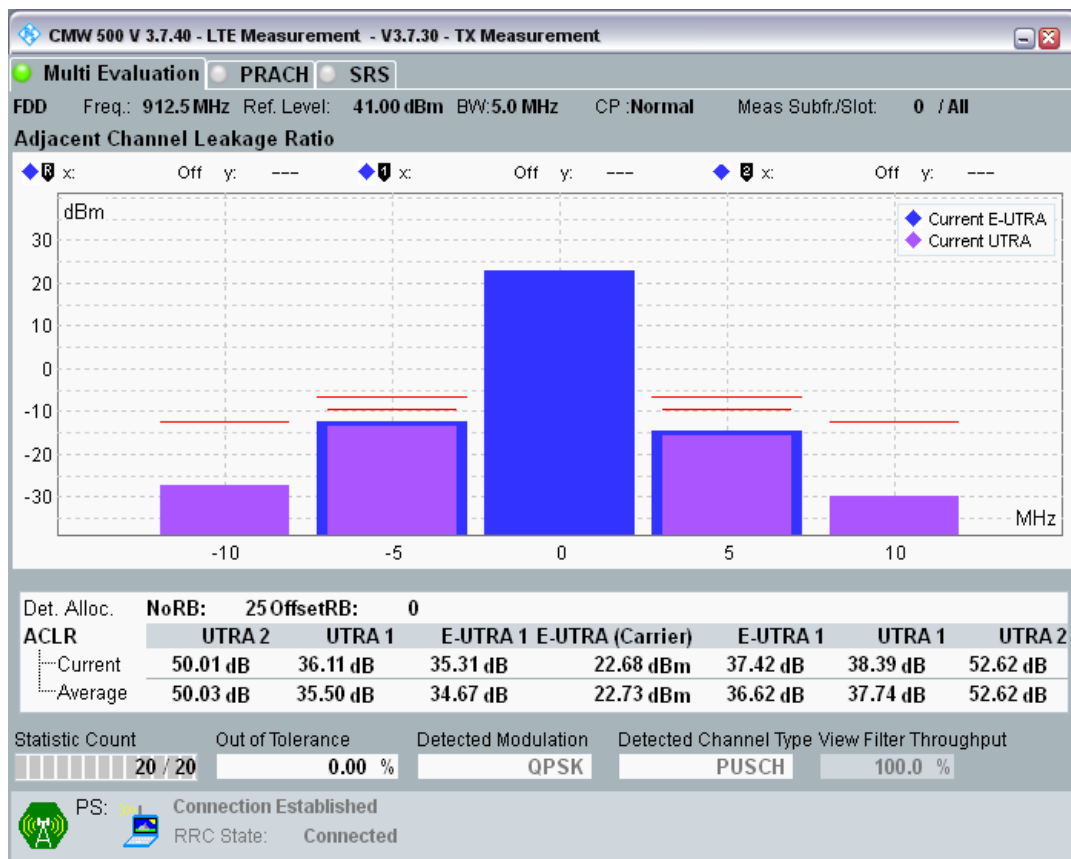
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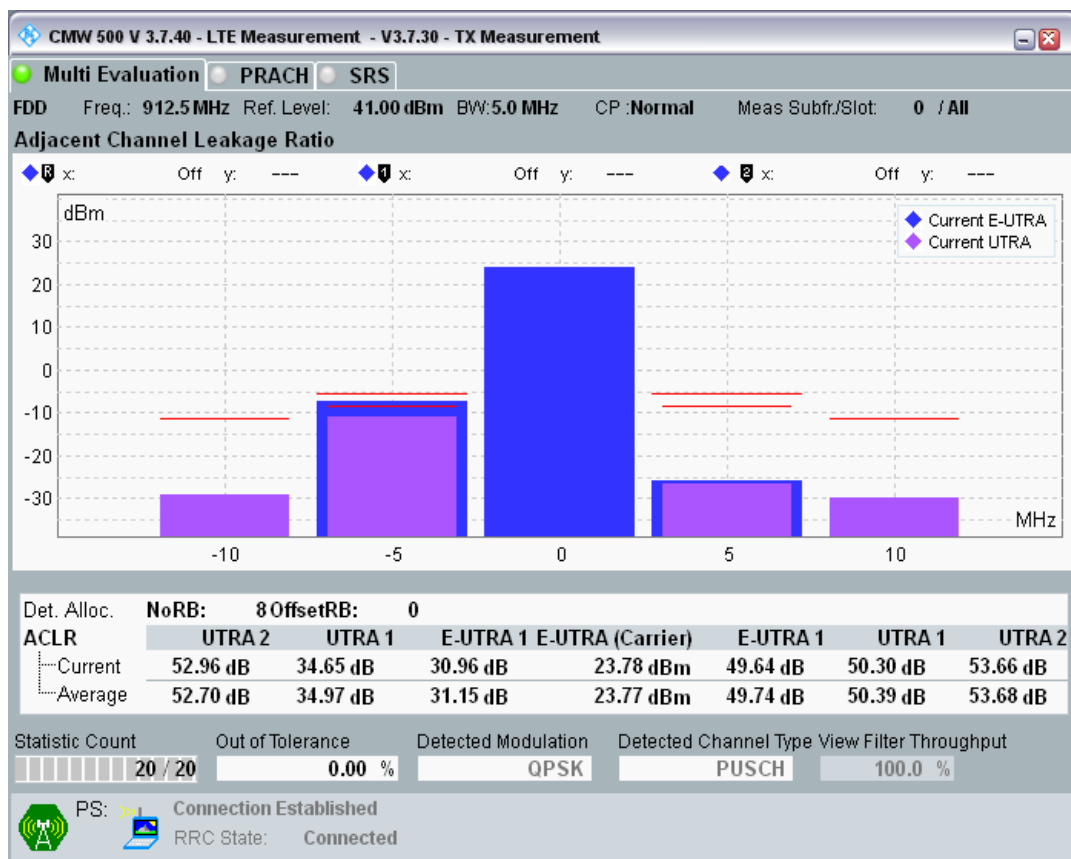
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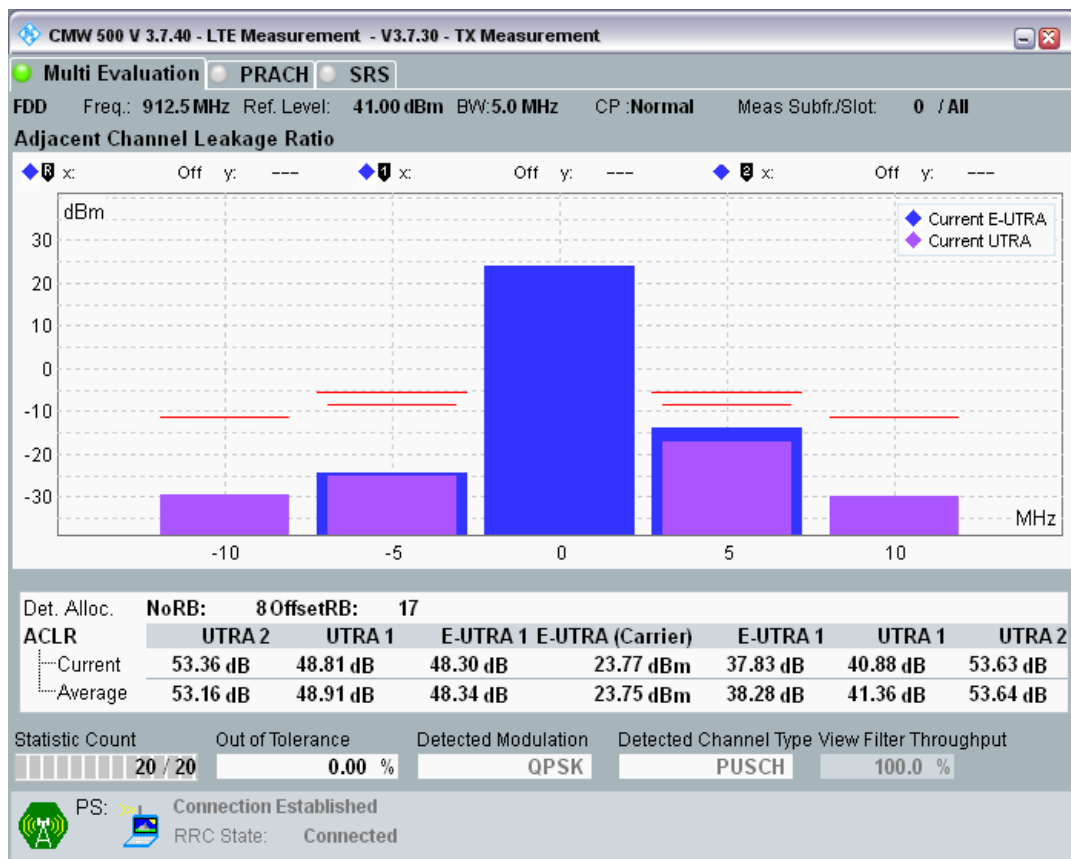
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Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



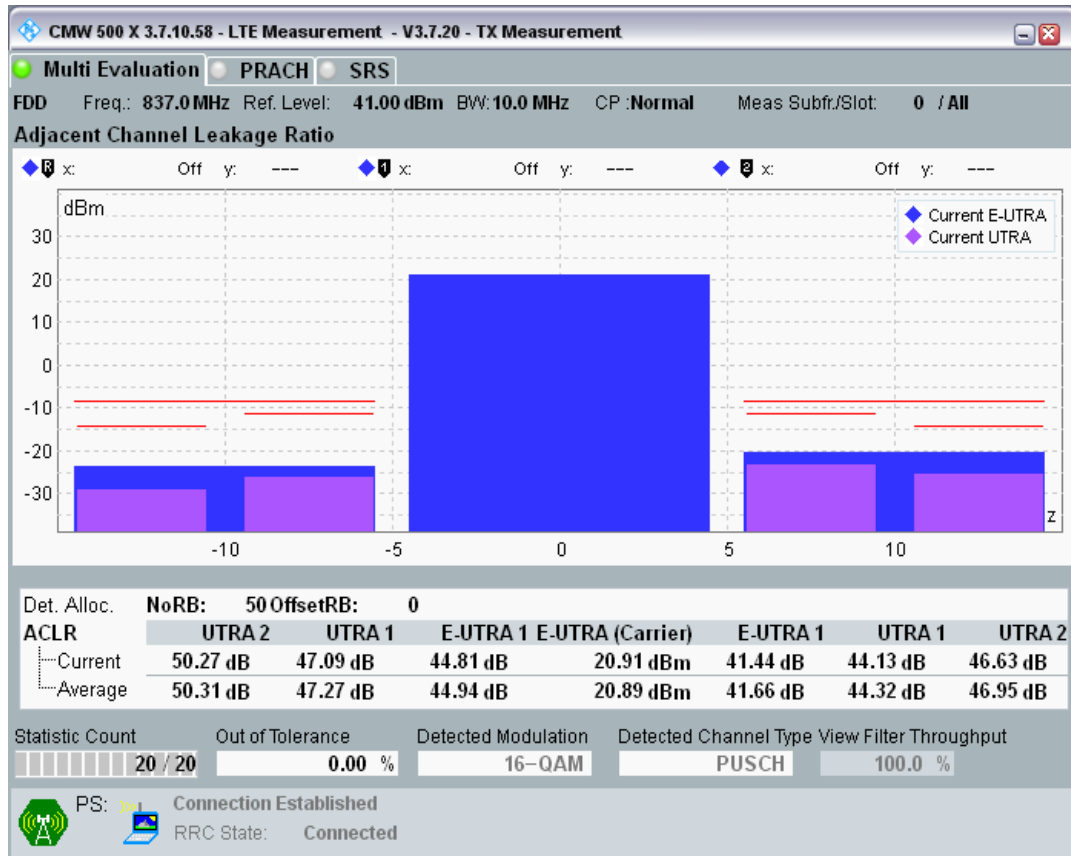
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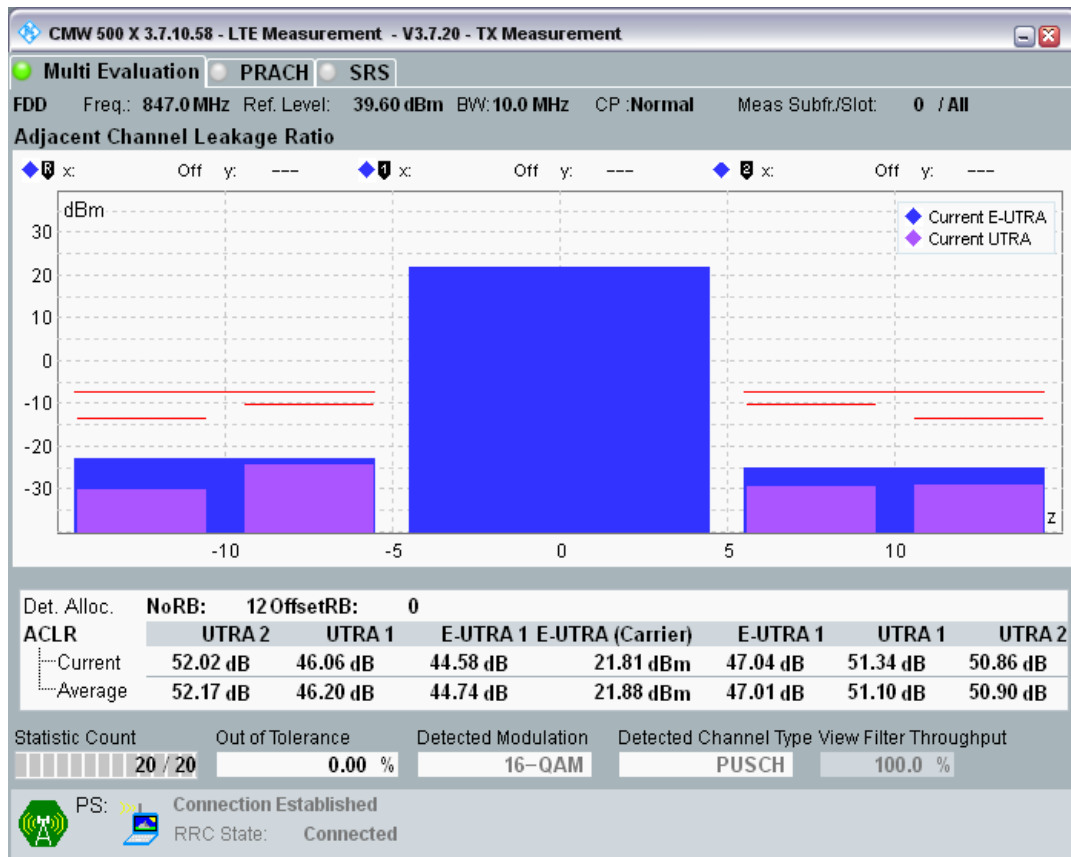
Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#Max.png



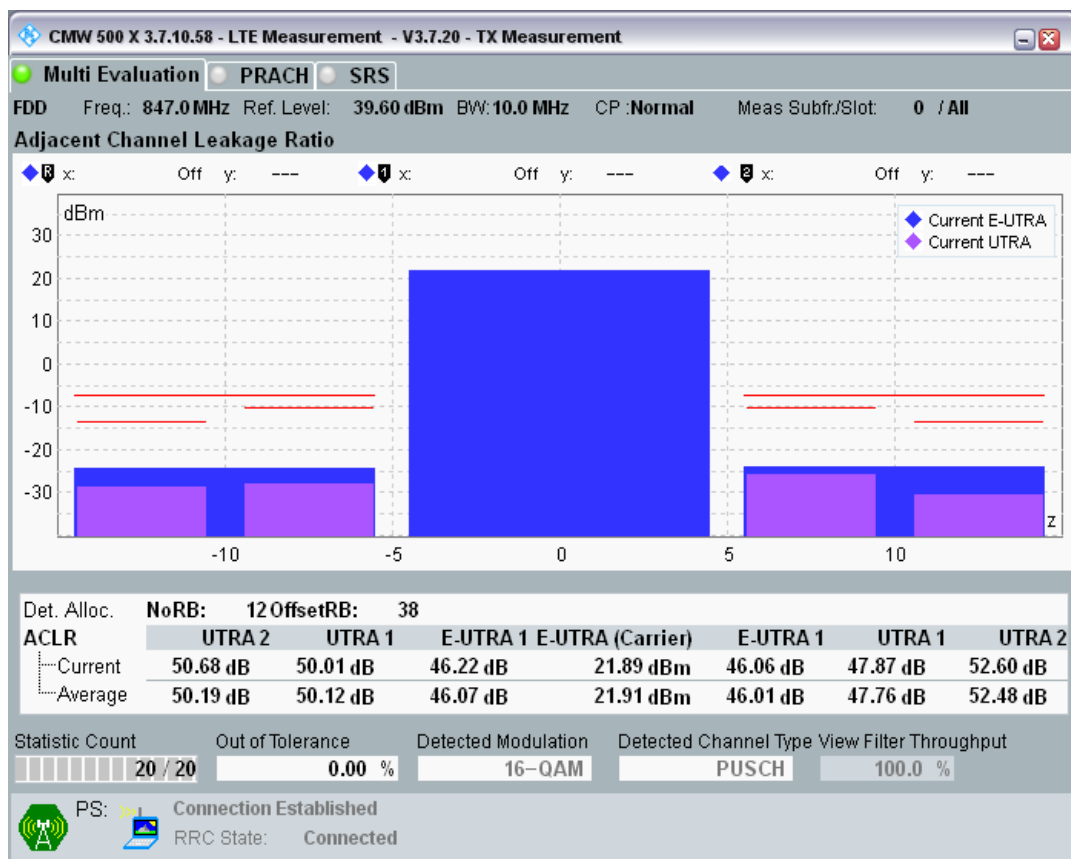
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Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#0.png



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



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



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



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



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



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



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



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



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



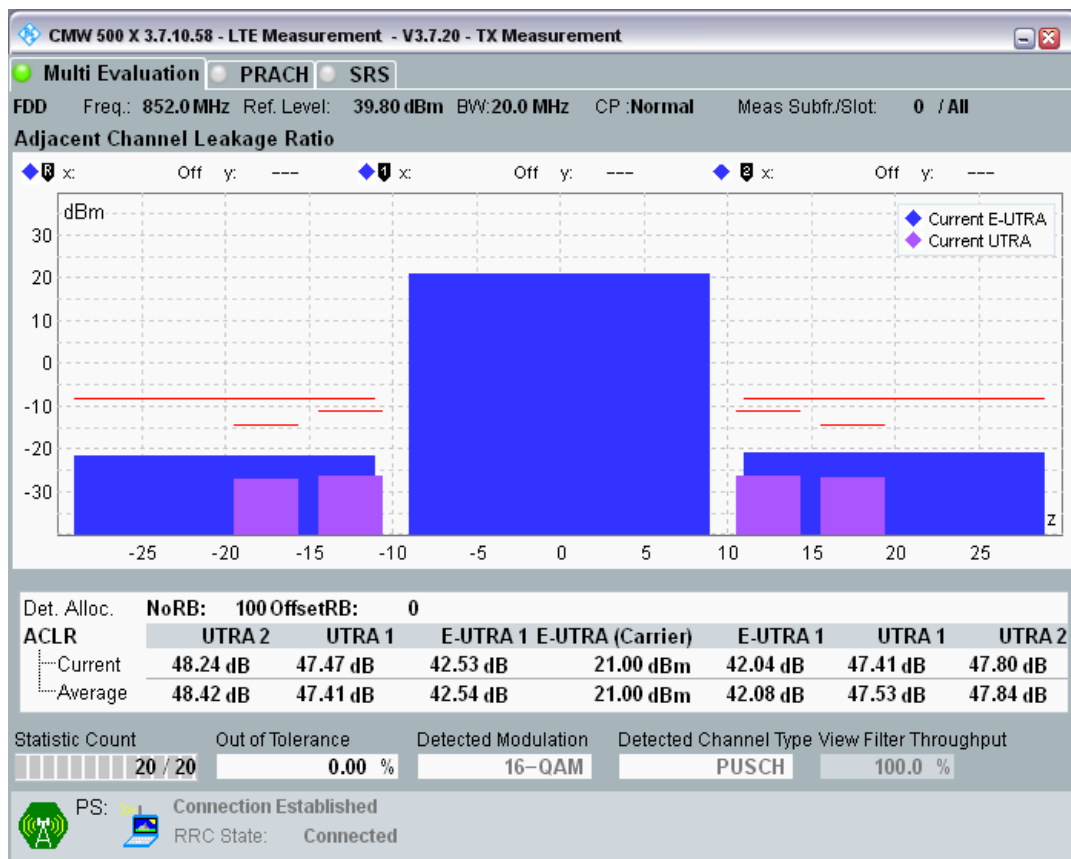
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Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#Max.png



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



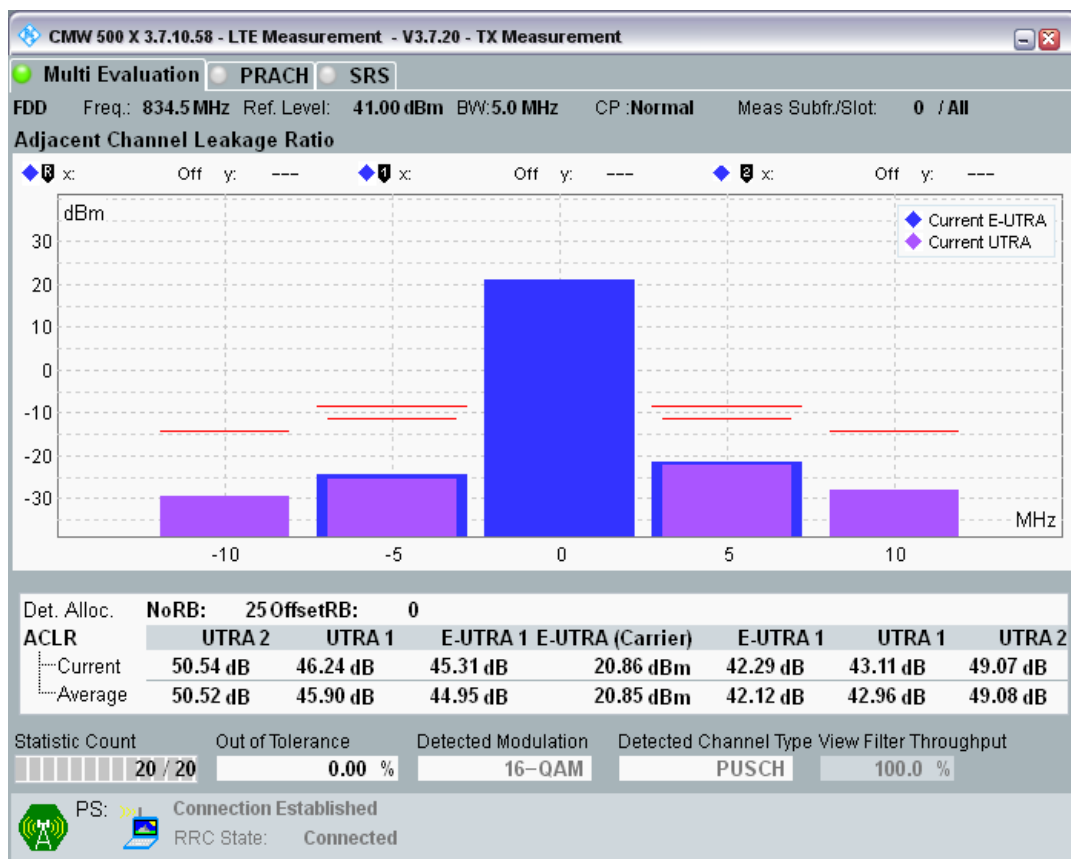
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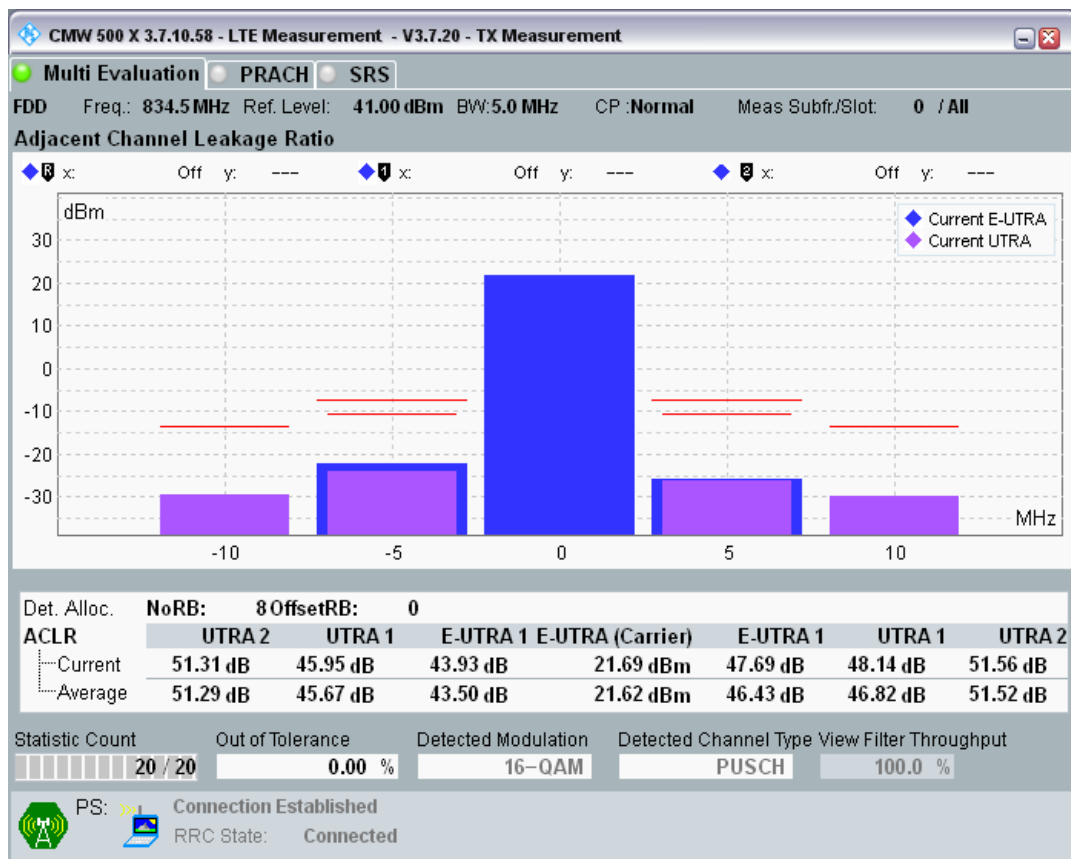
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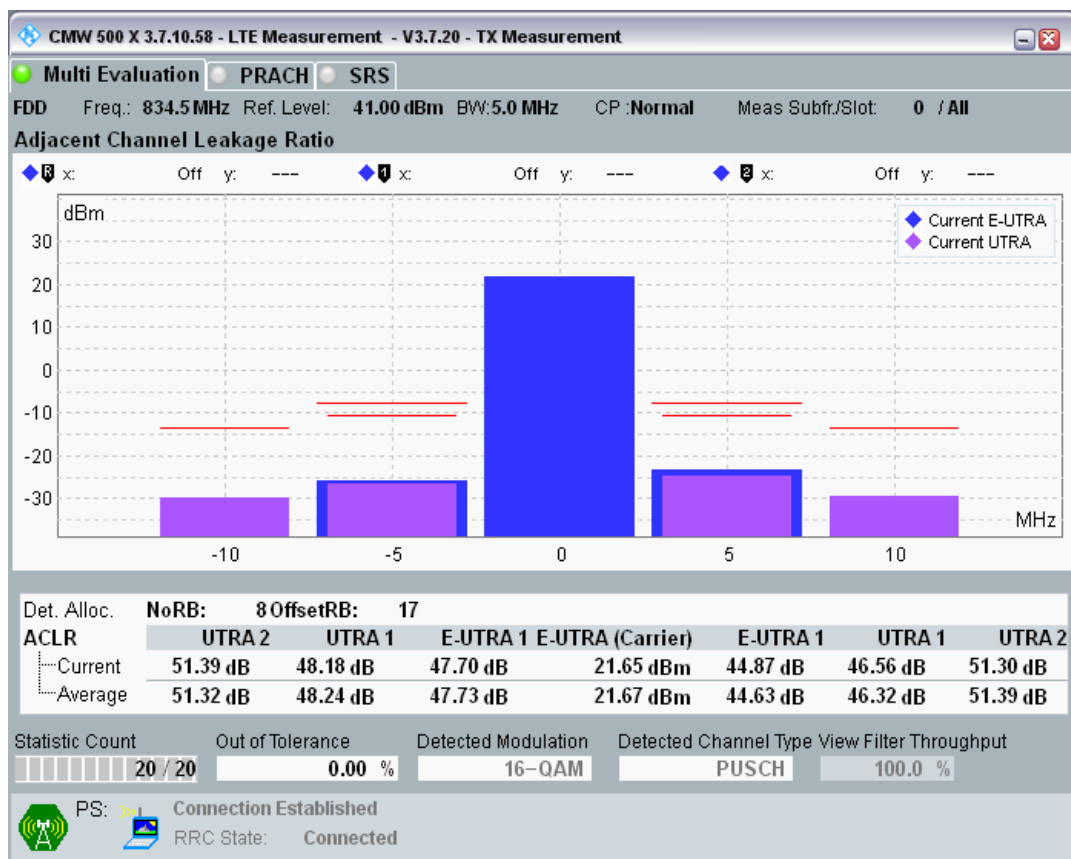
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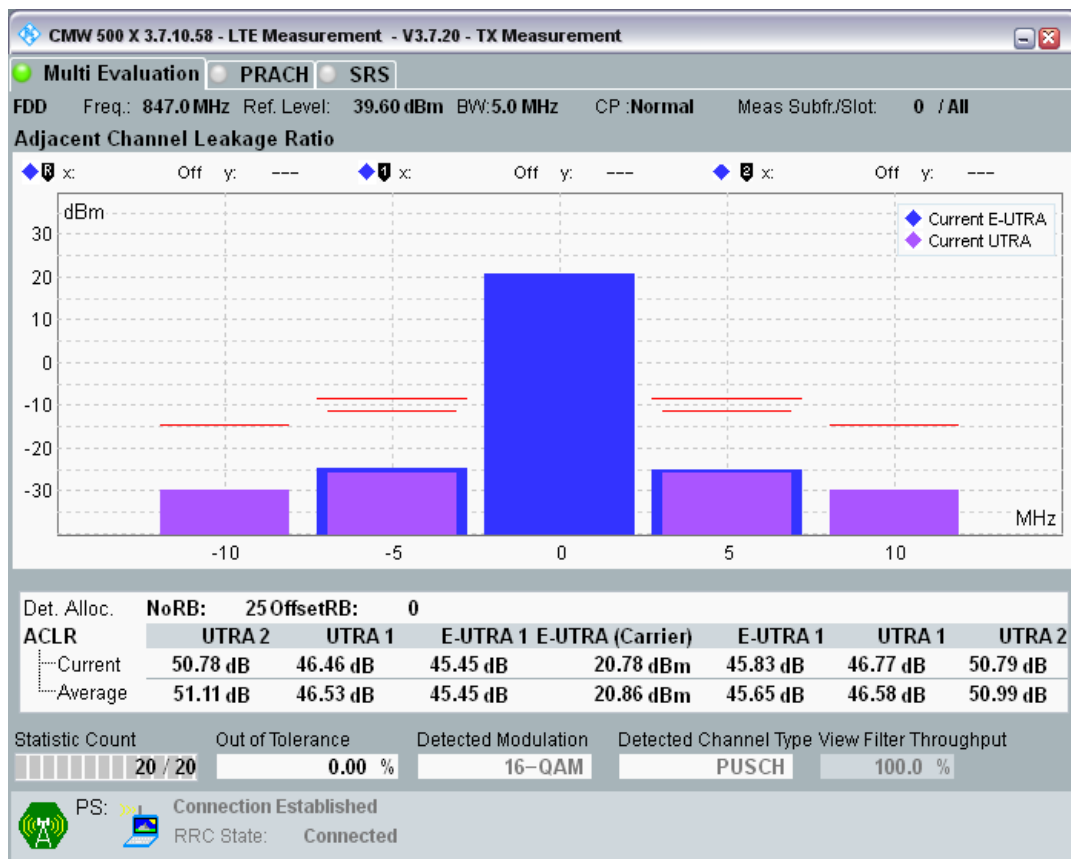
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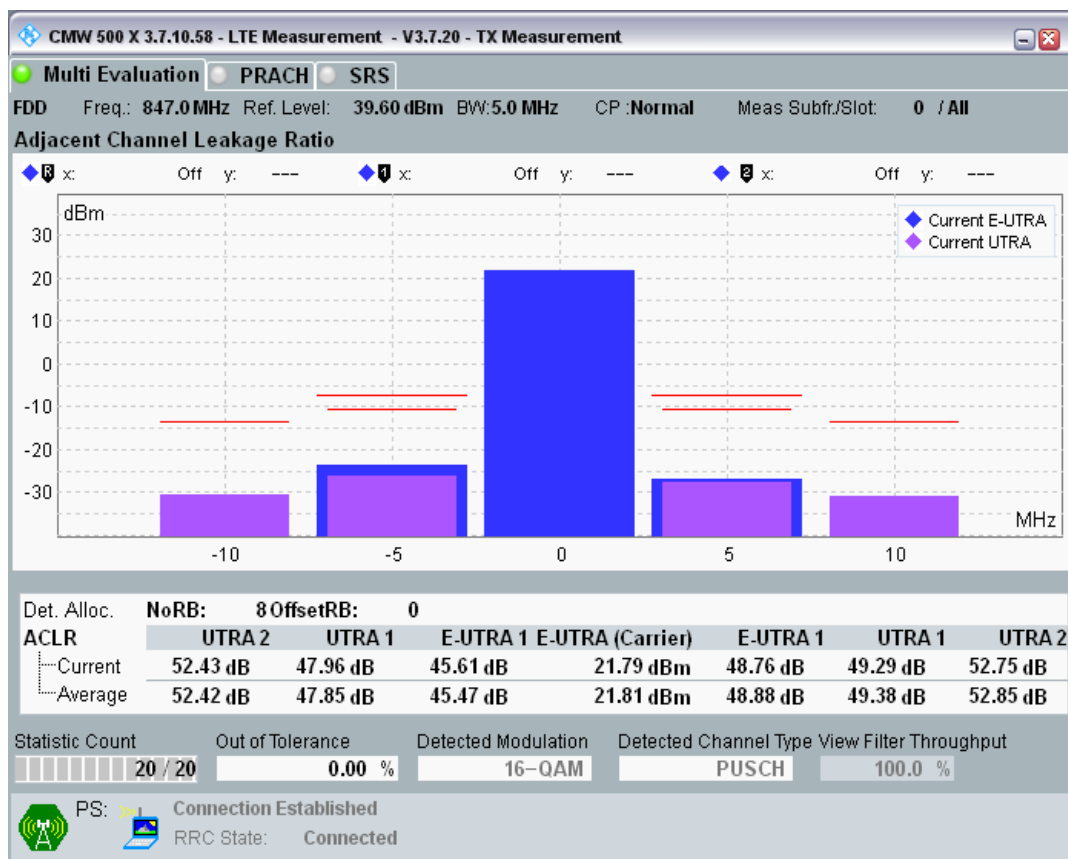
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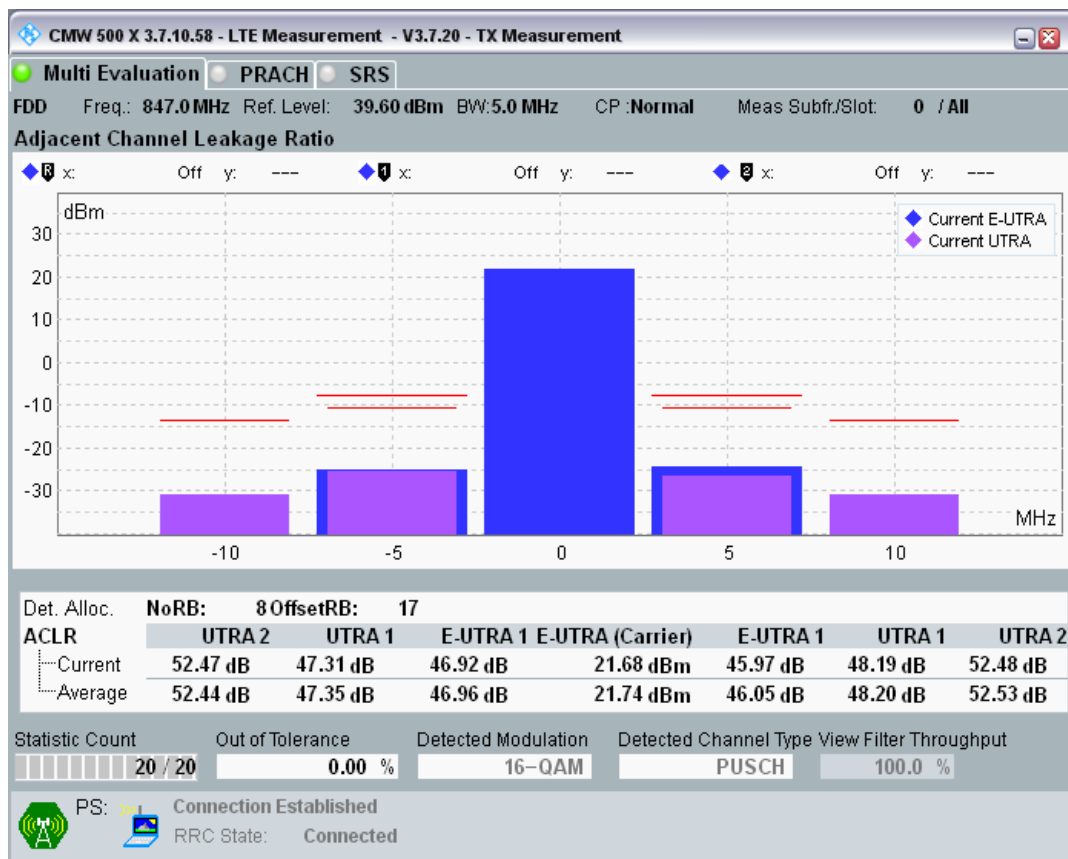
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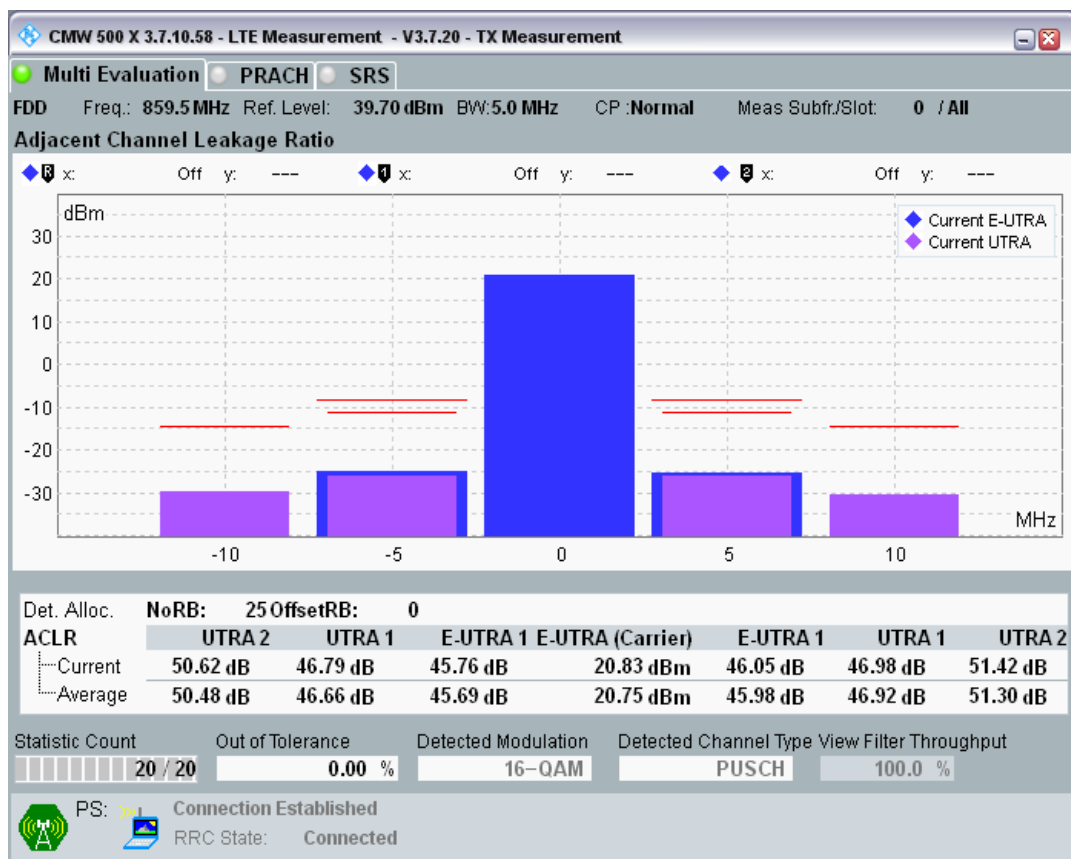
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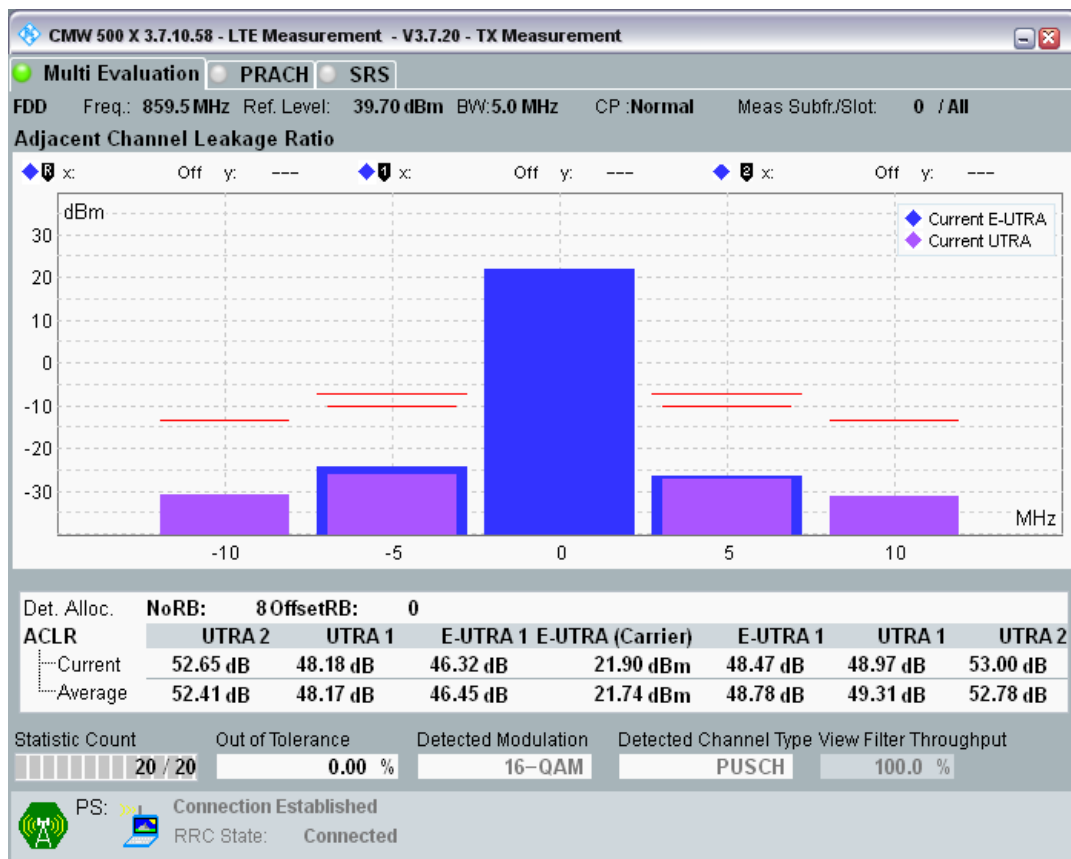
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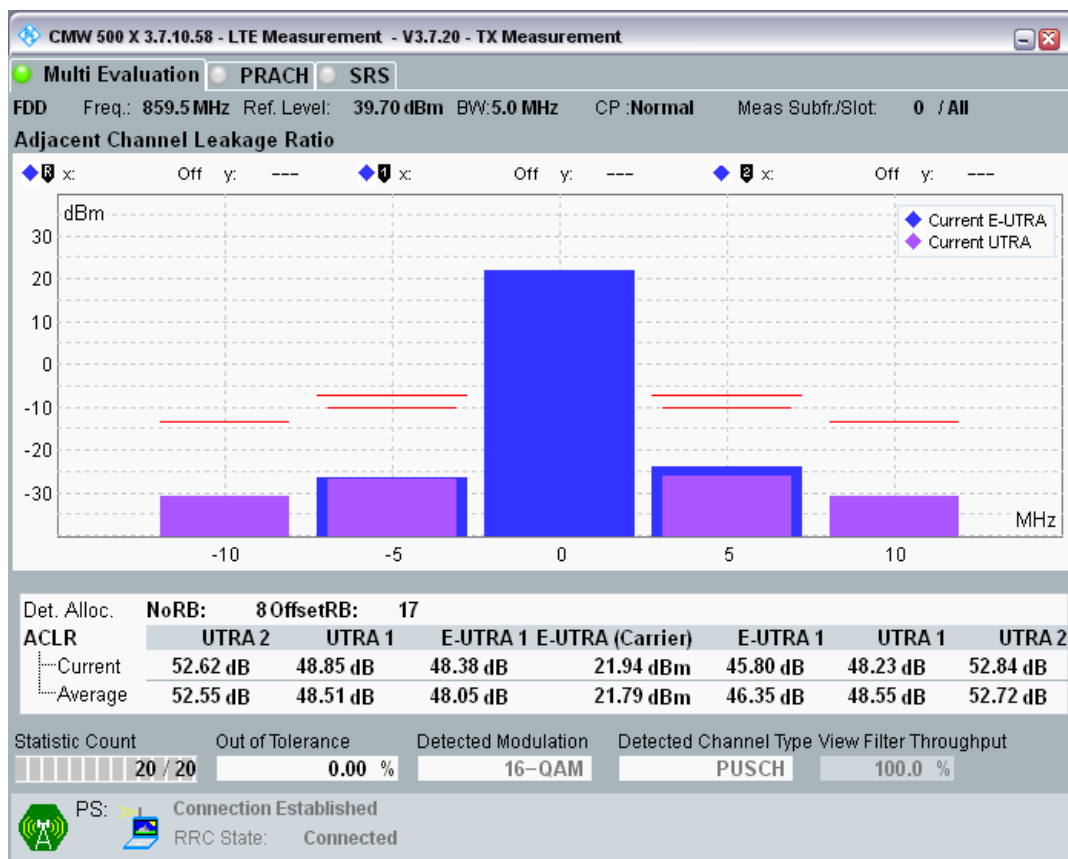
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Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#0.png



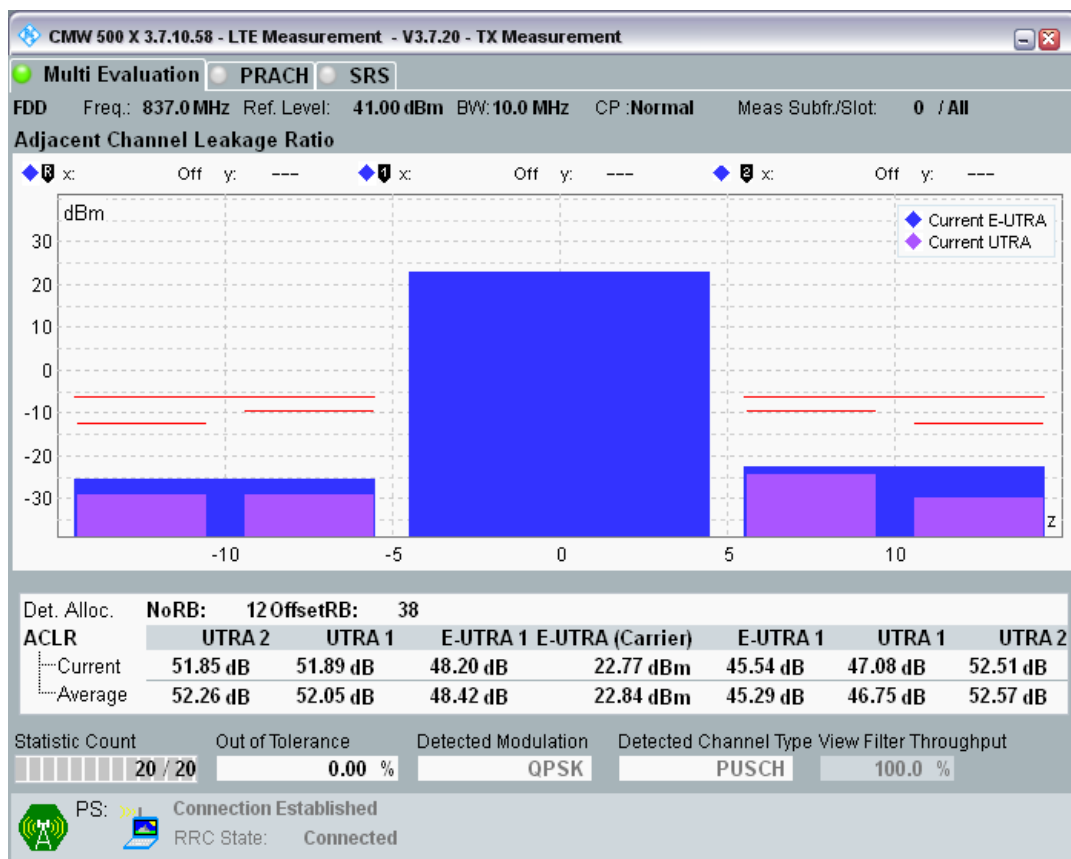
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Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



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



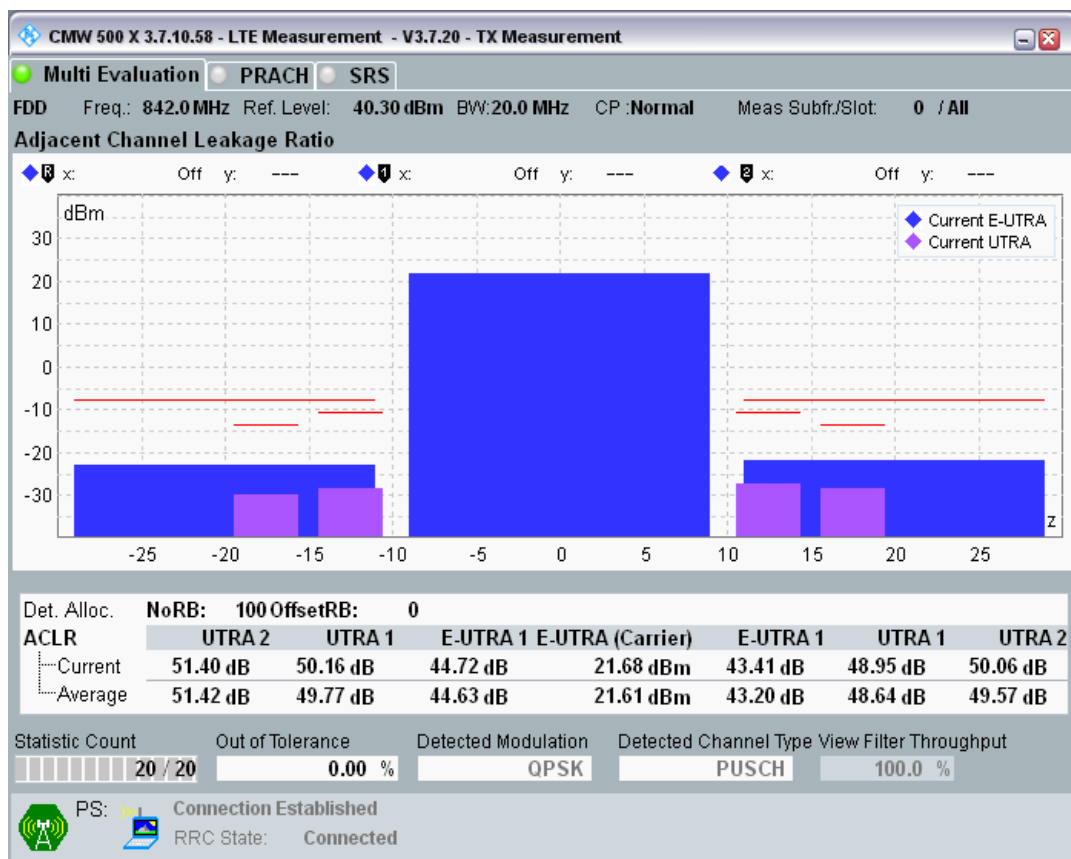
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



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



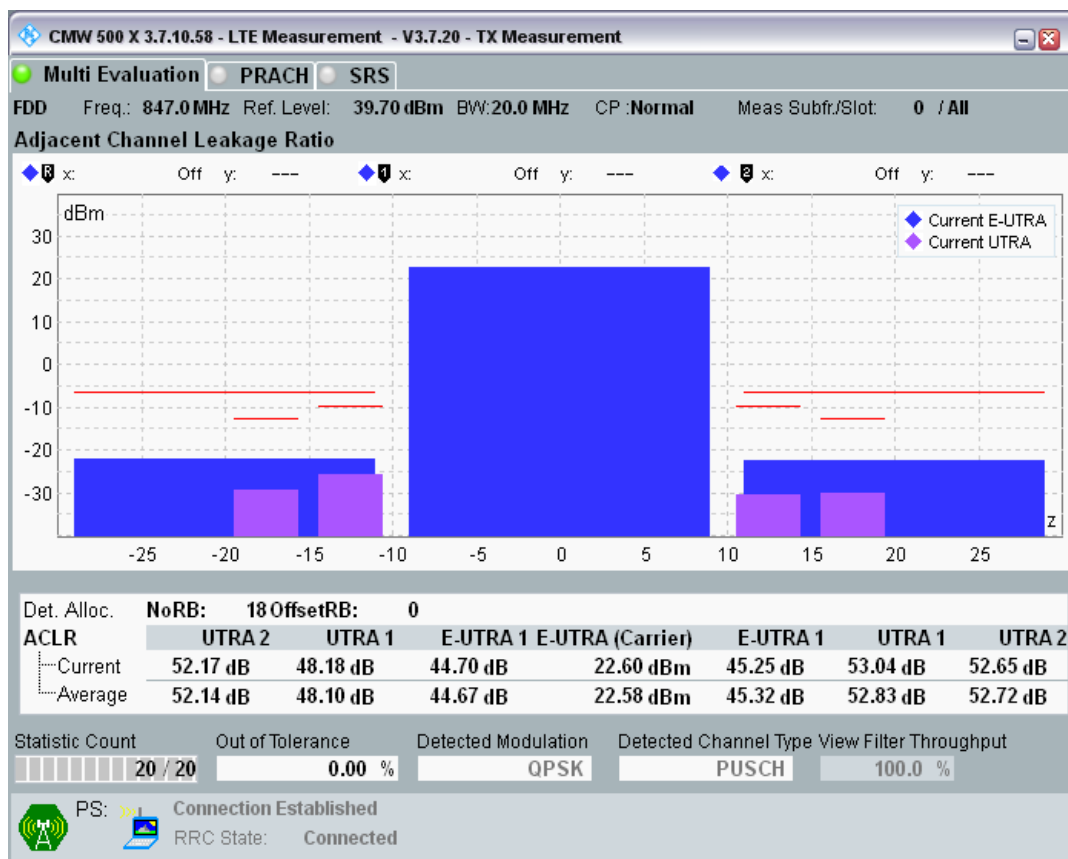
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Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0.png



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



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



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



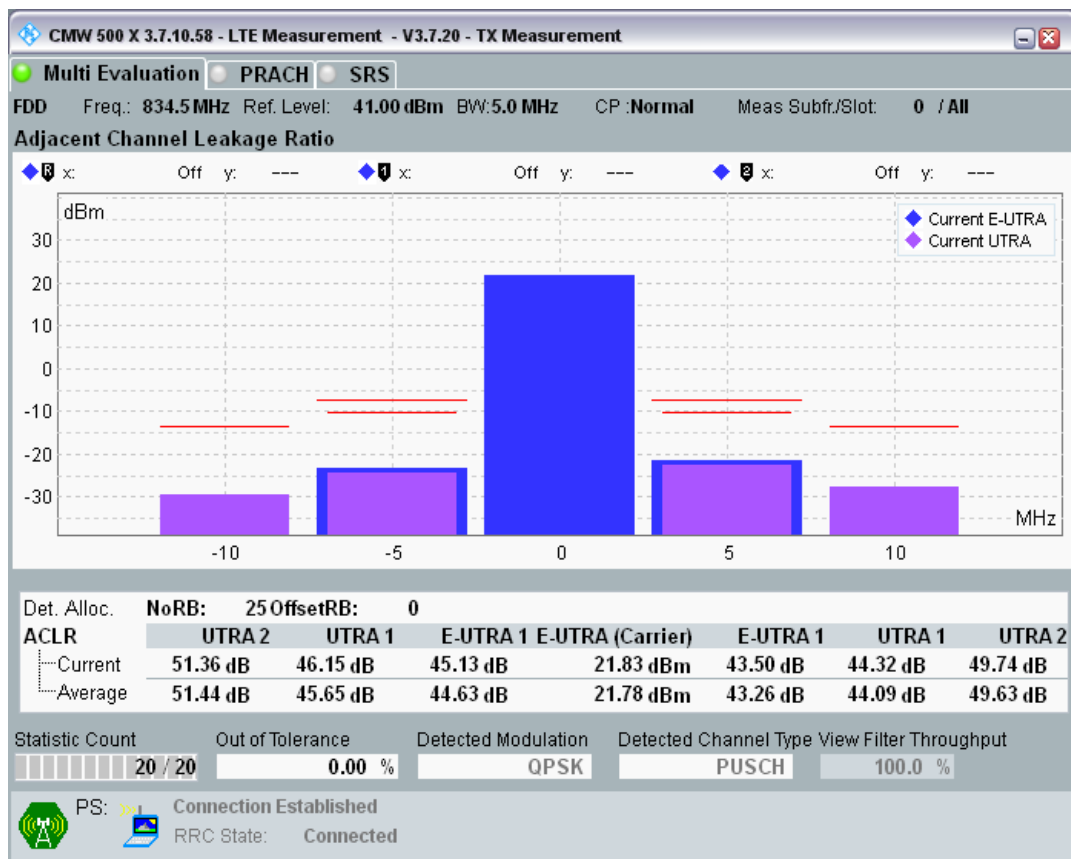
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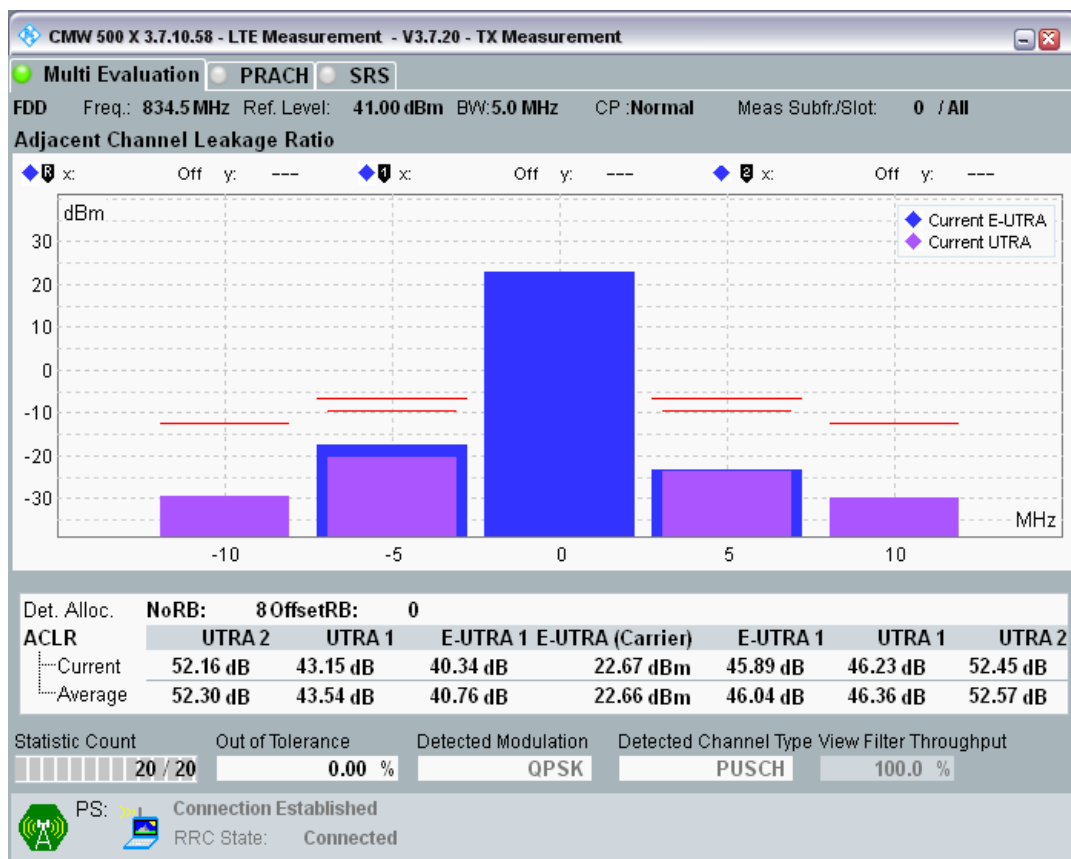
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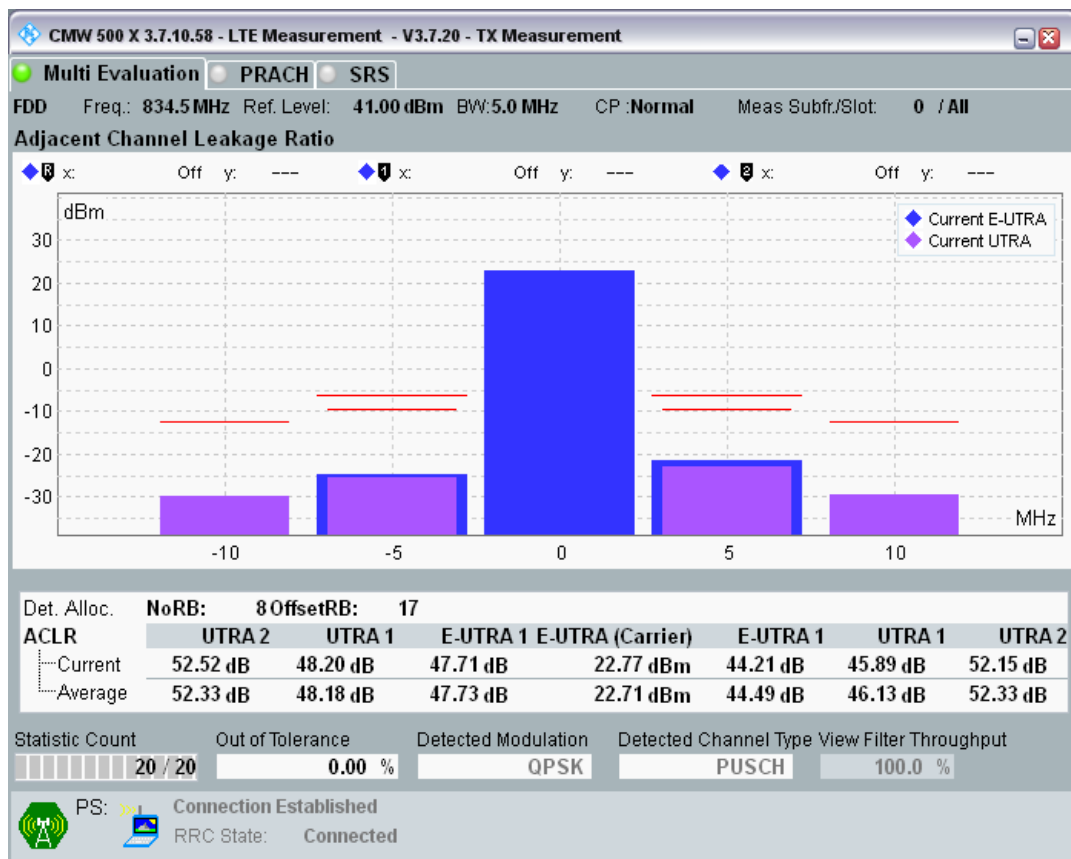
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



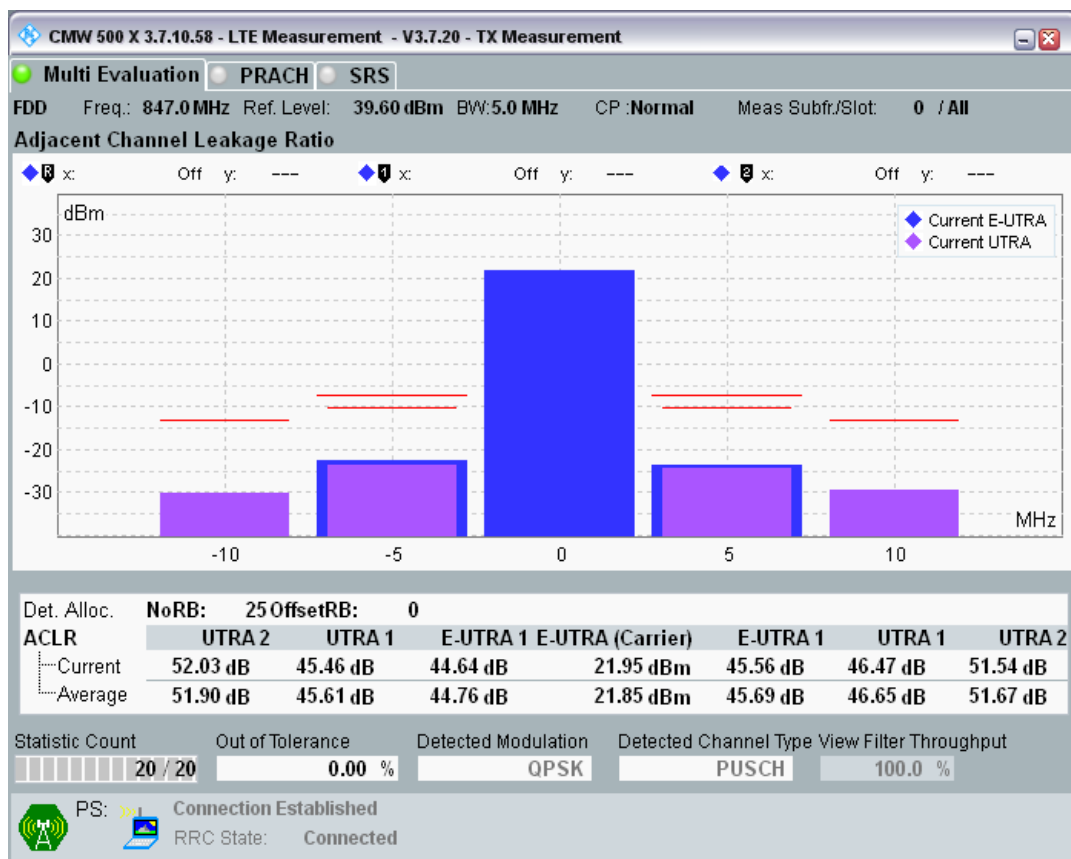
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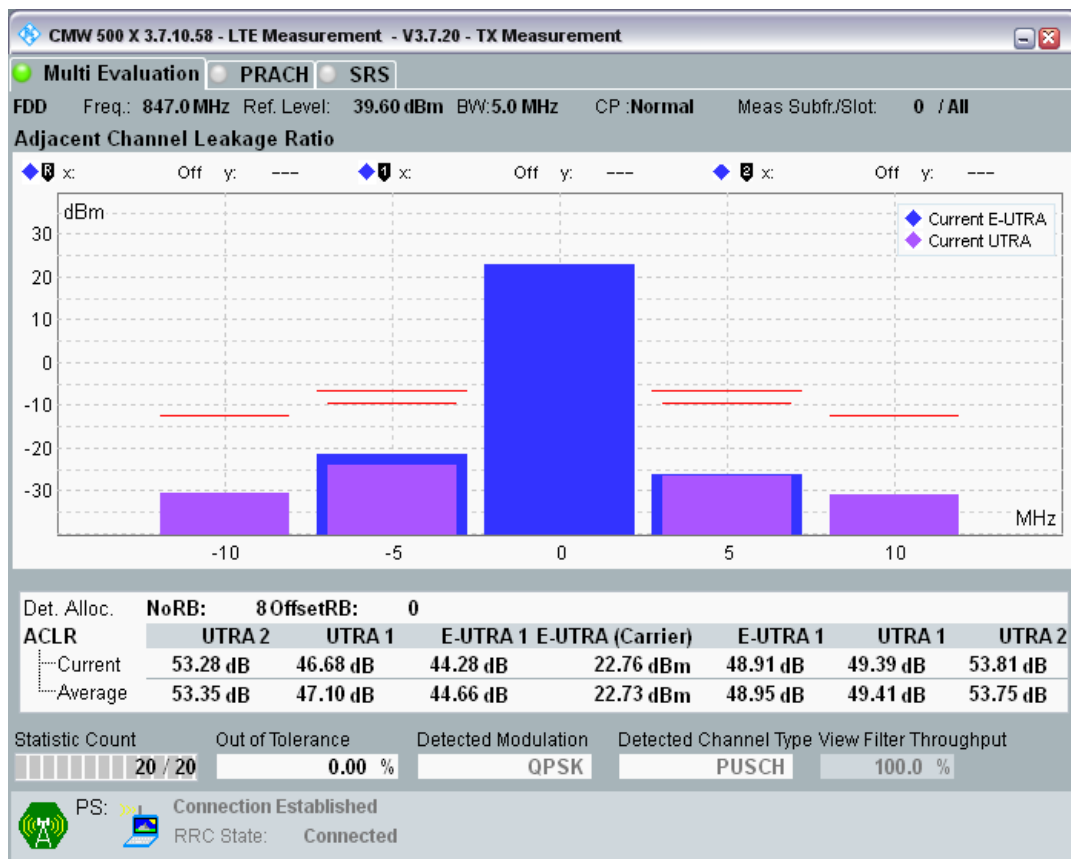
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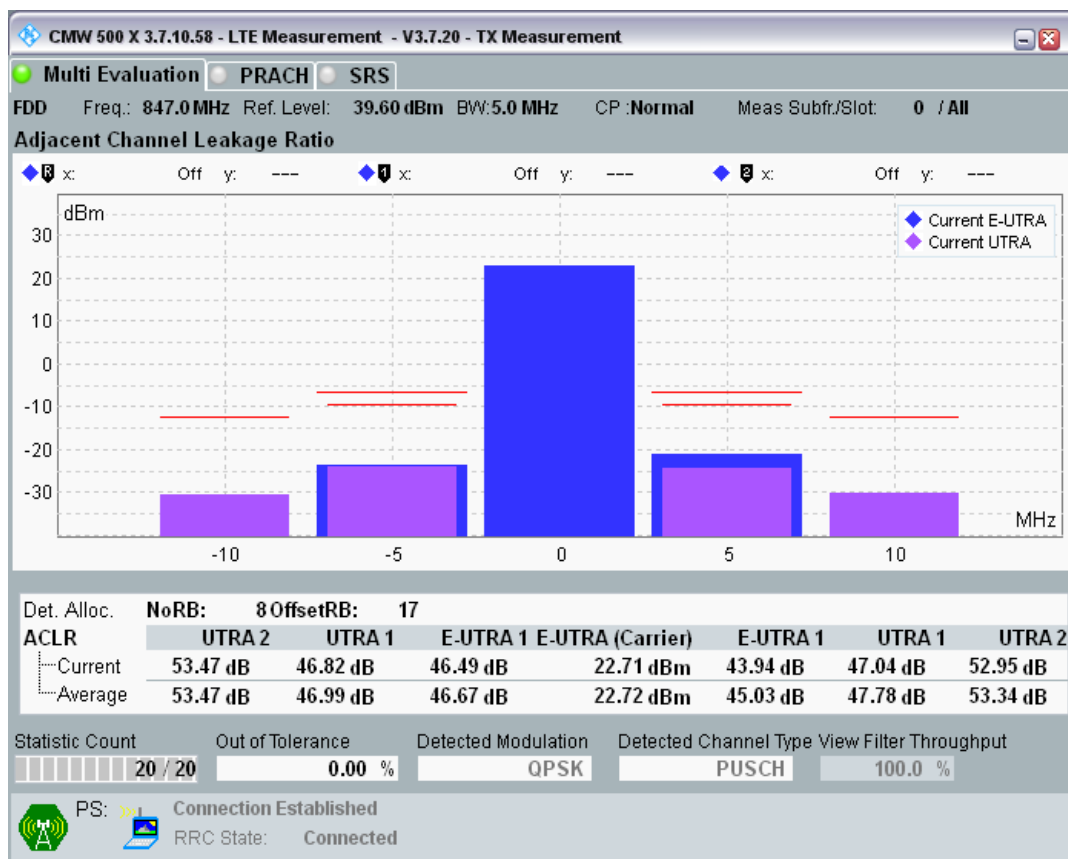
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Band20 QPSK BW=5MHz Channel=24300 RB Size=8 Position=#0.png



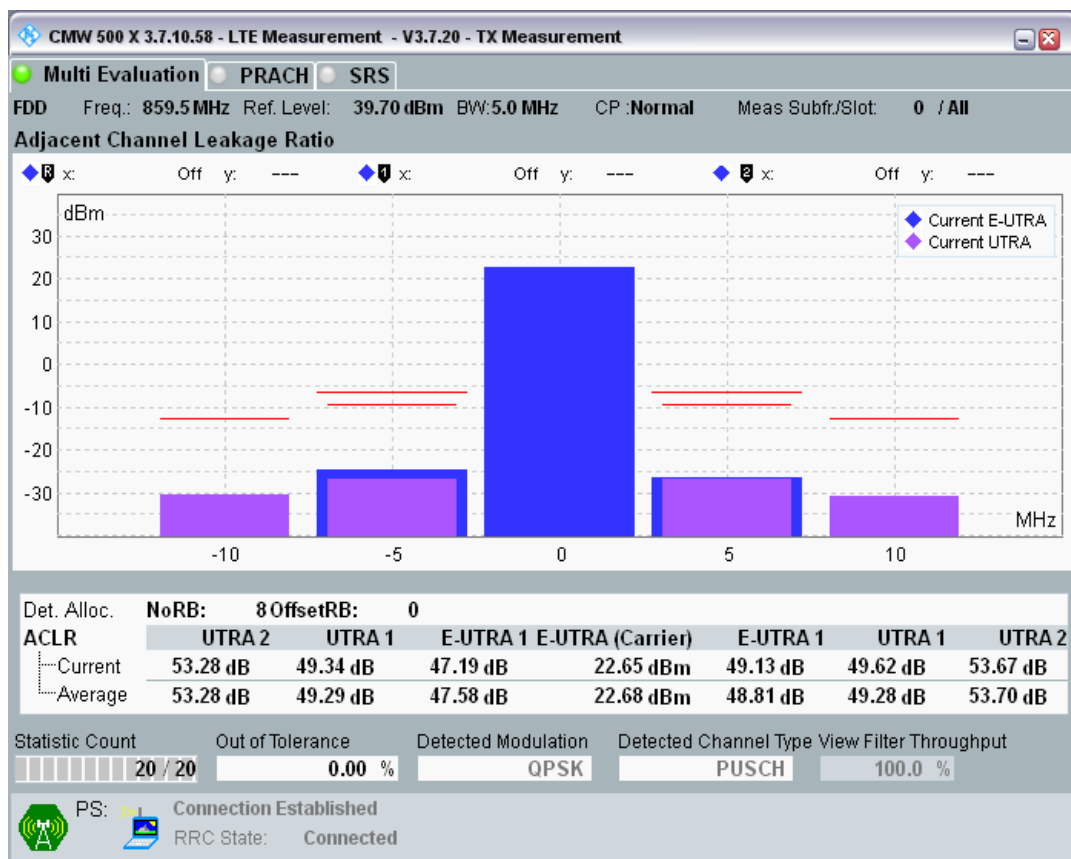
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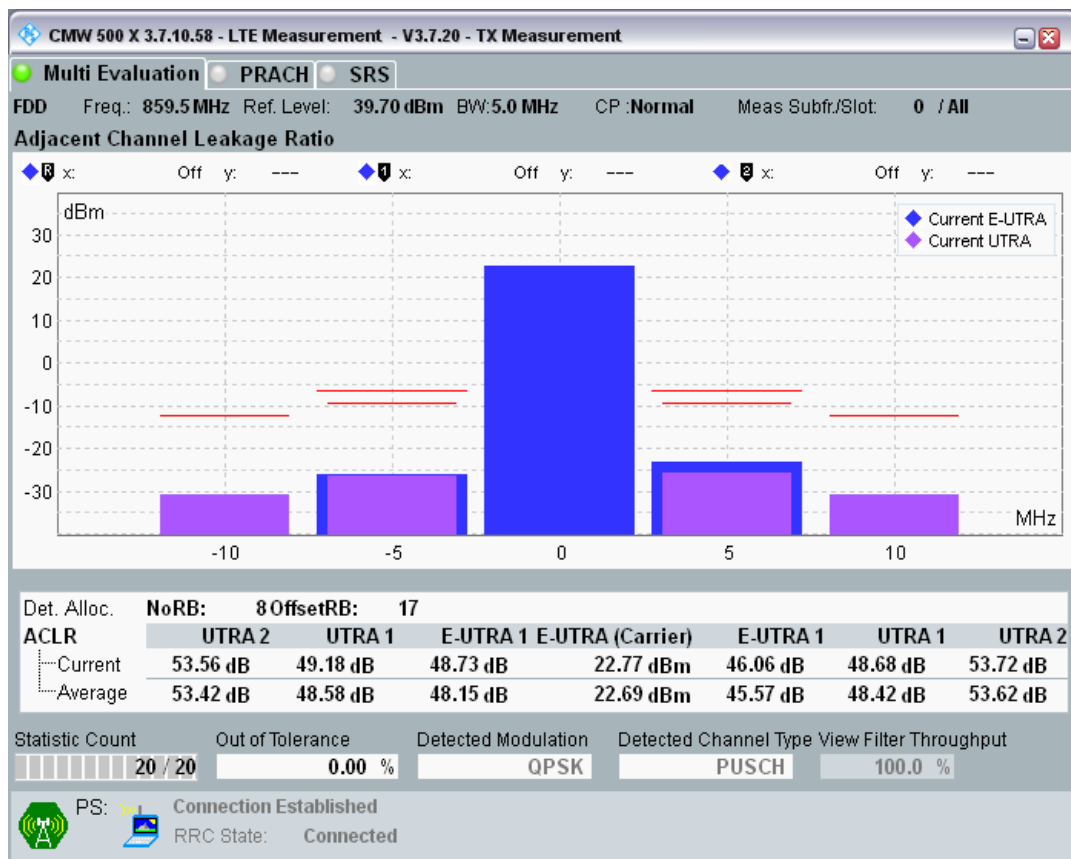
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Band20 QPSK BW=5MHz Channel=24425 RB Size=8 Position=#0.png



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



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



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



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



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



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



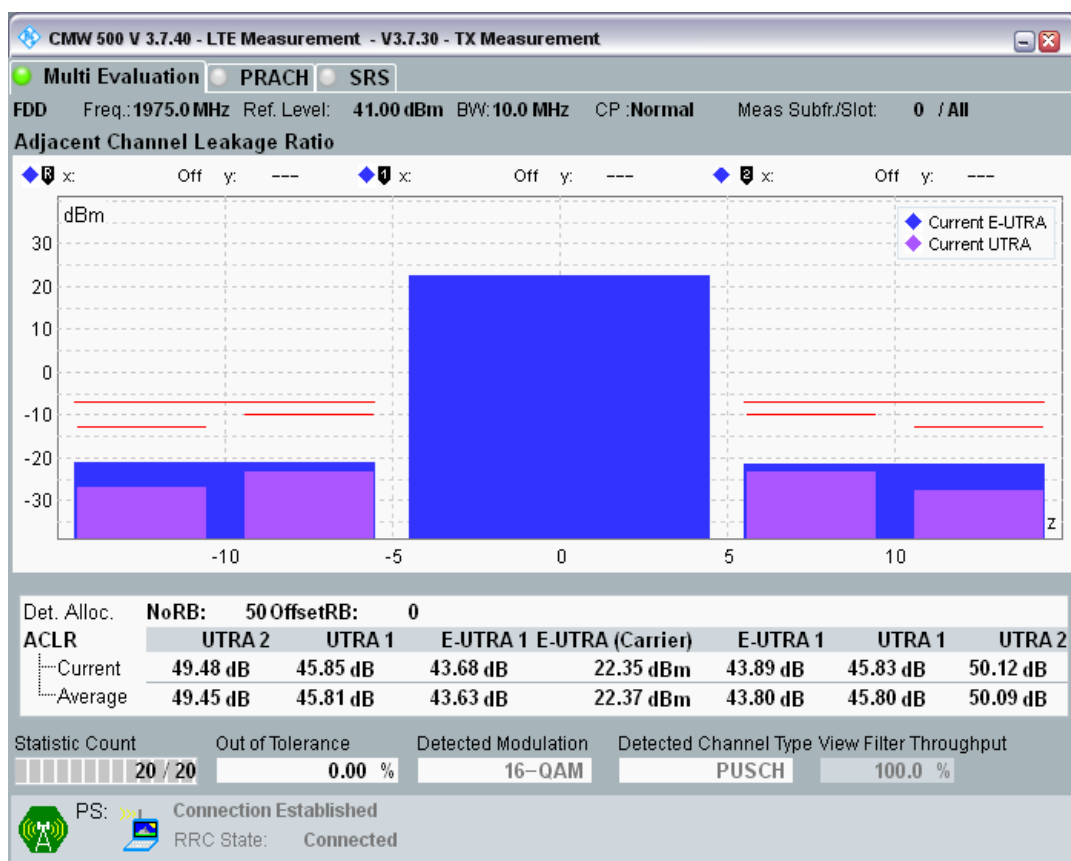
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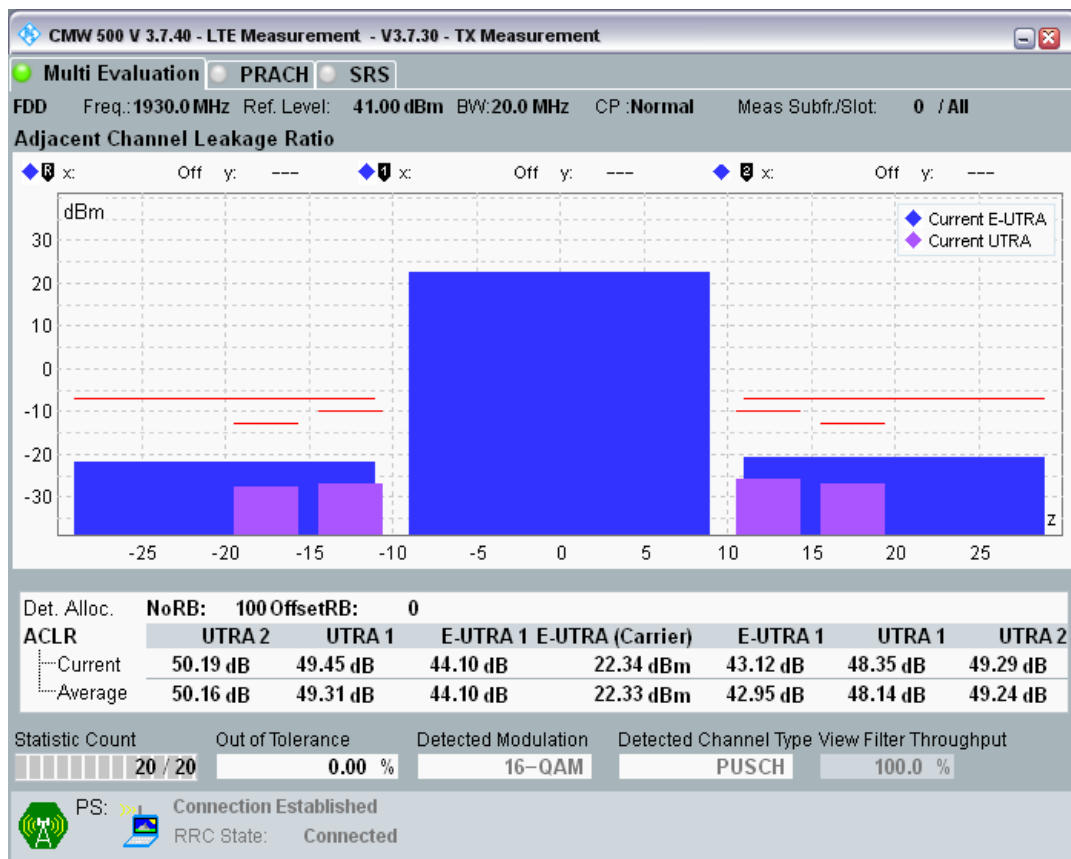
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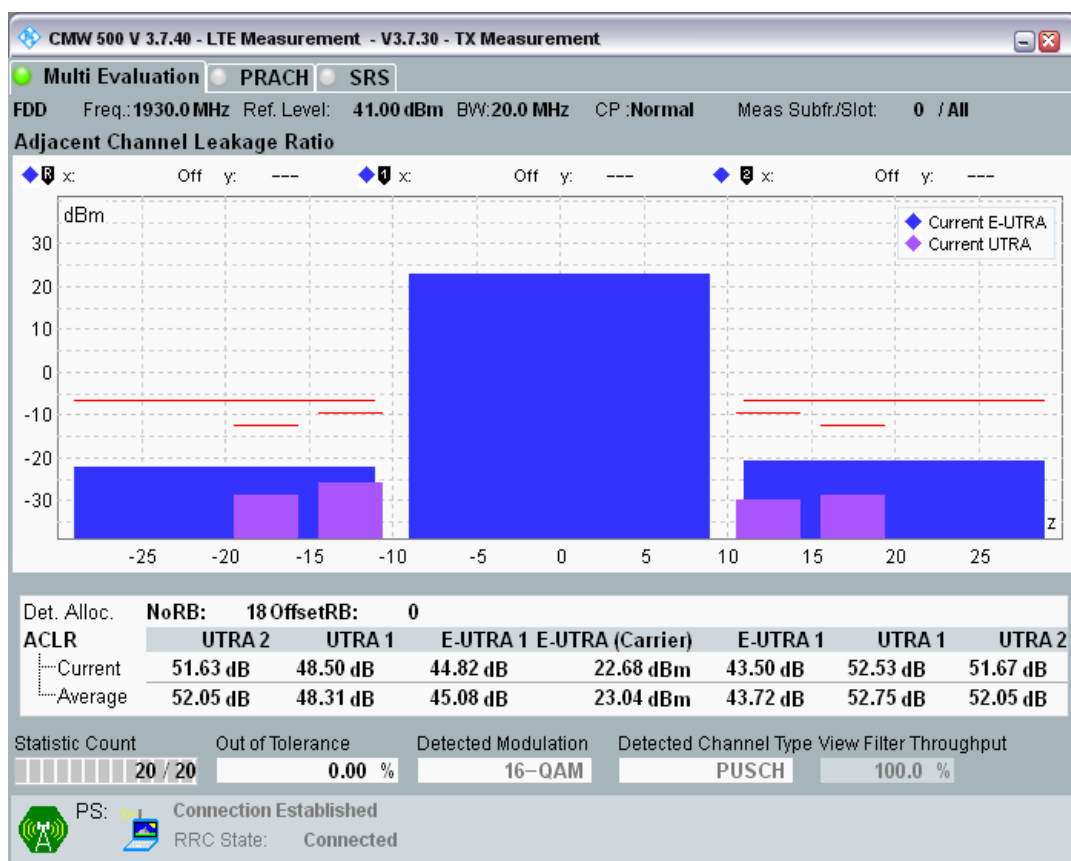
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Band1 QAM16 BW=20MHz Channel=18100 RB Size=100 Position=#0.png



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



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



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



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



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



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



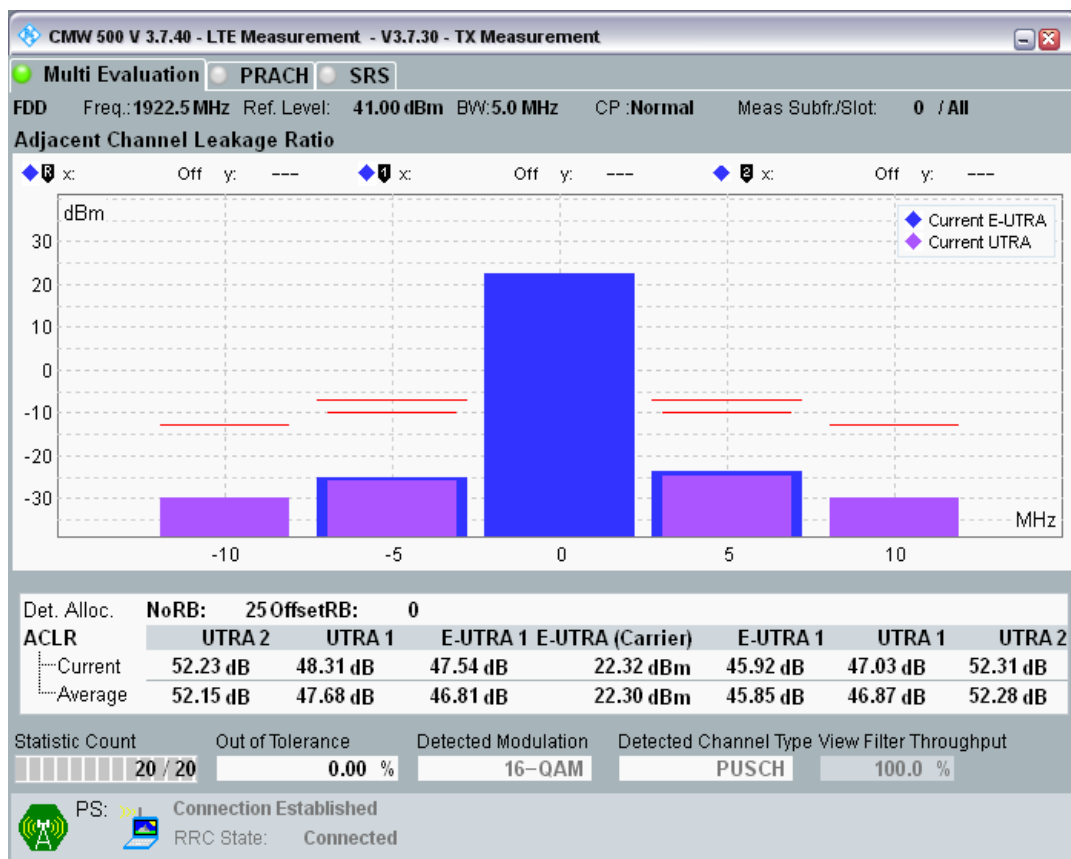
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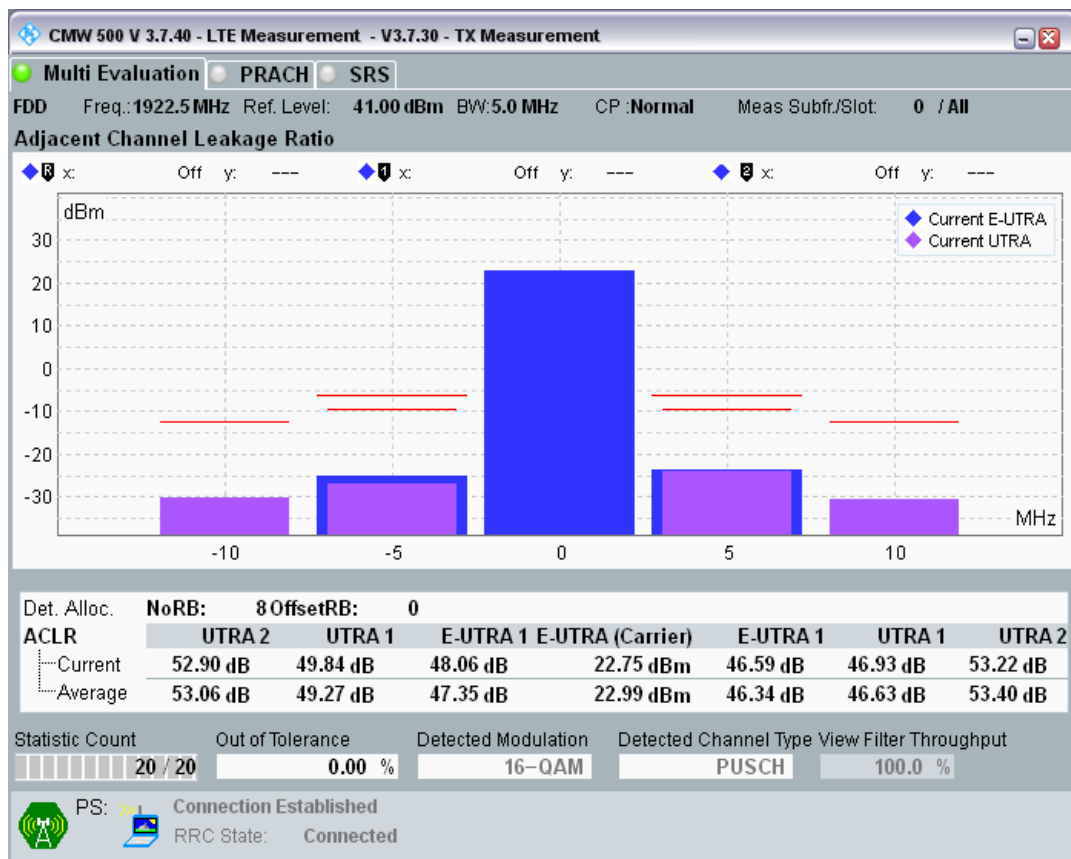
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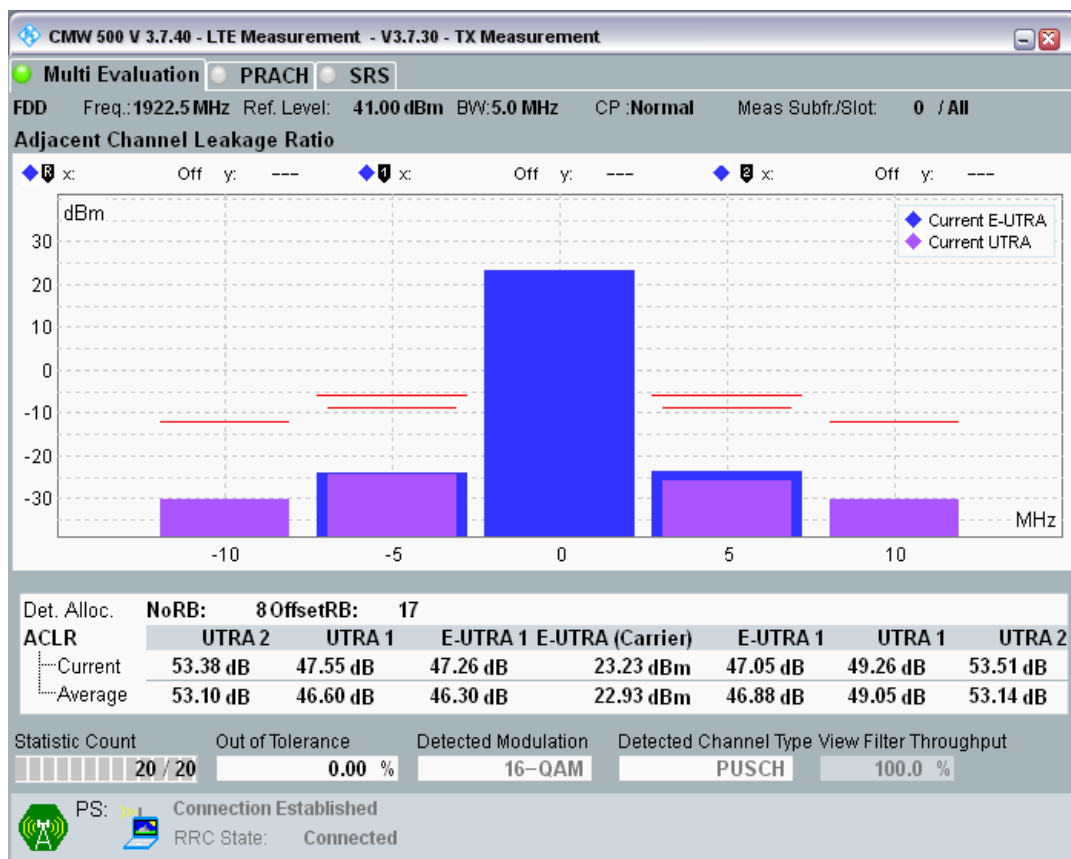
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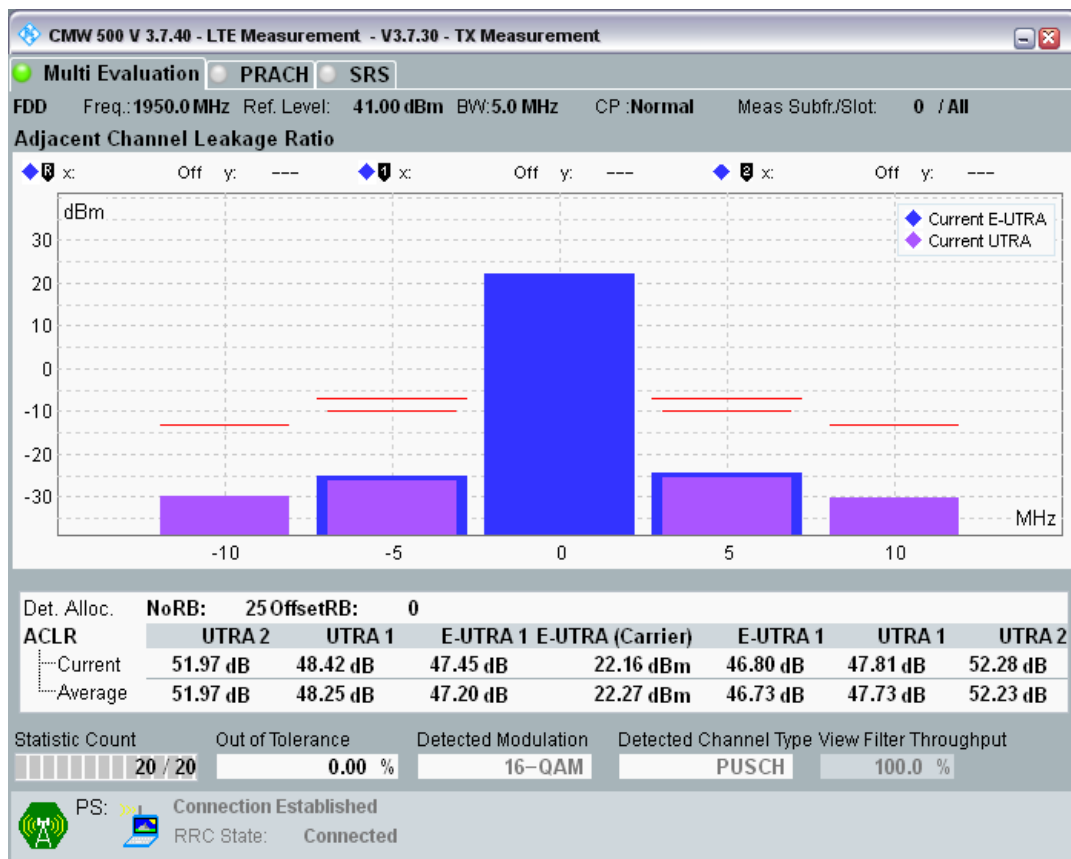
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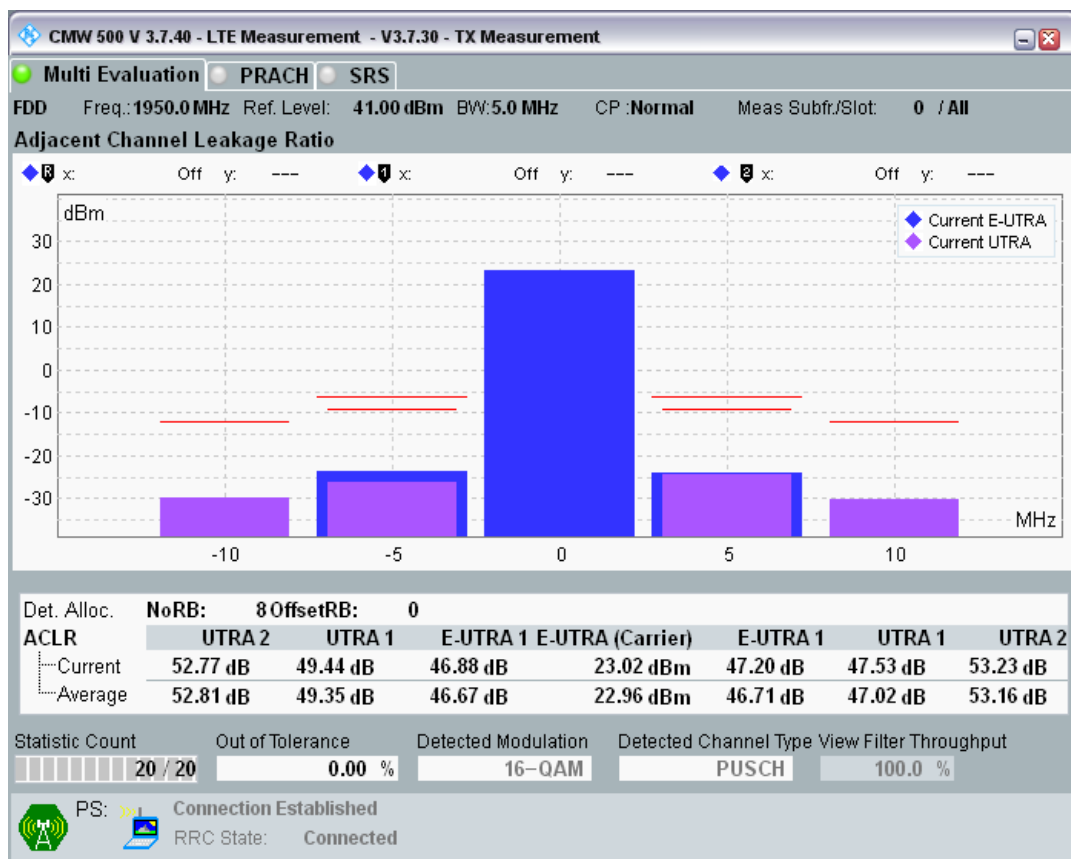
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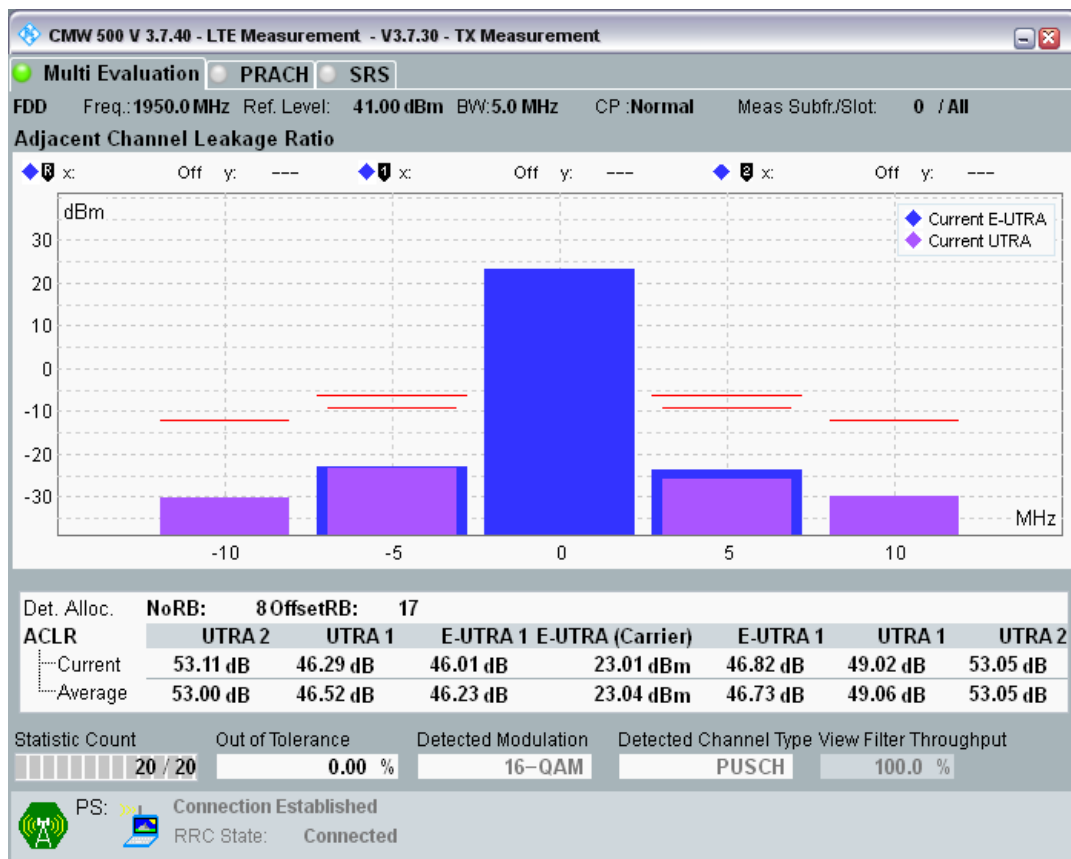
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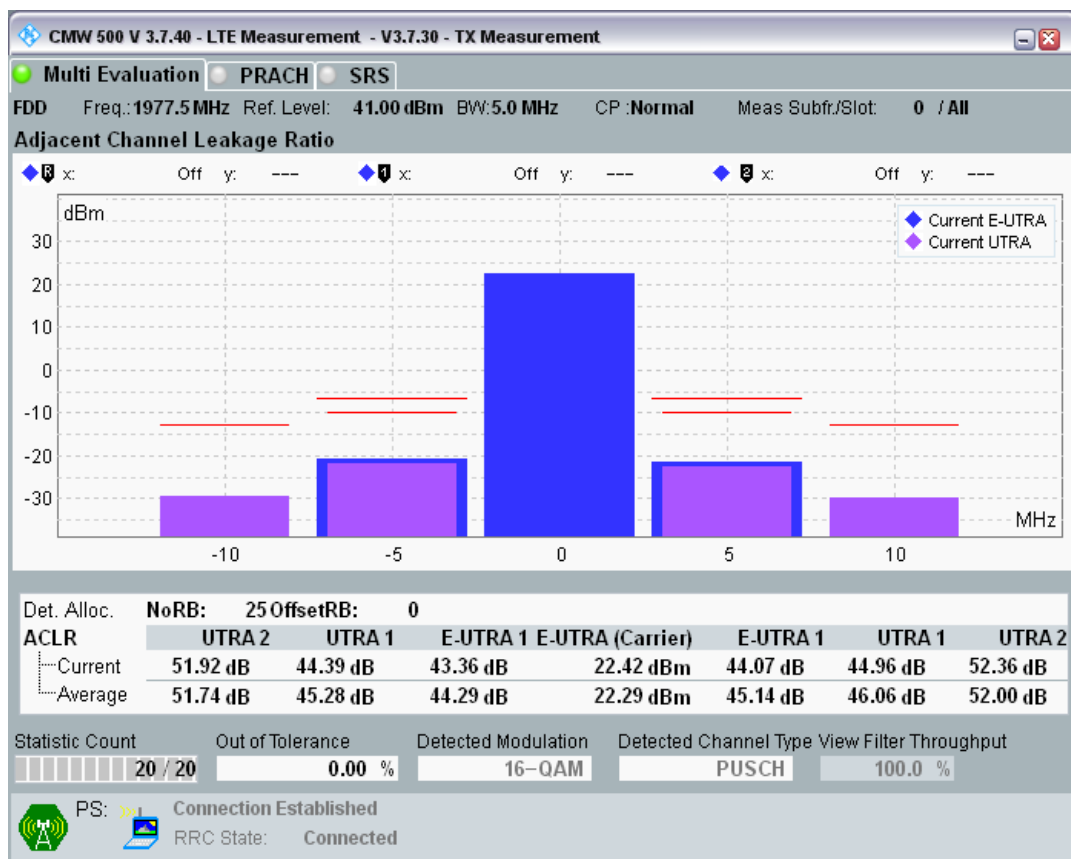
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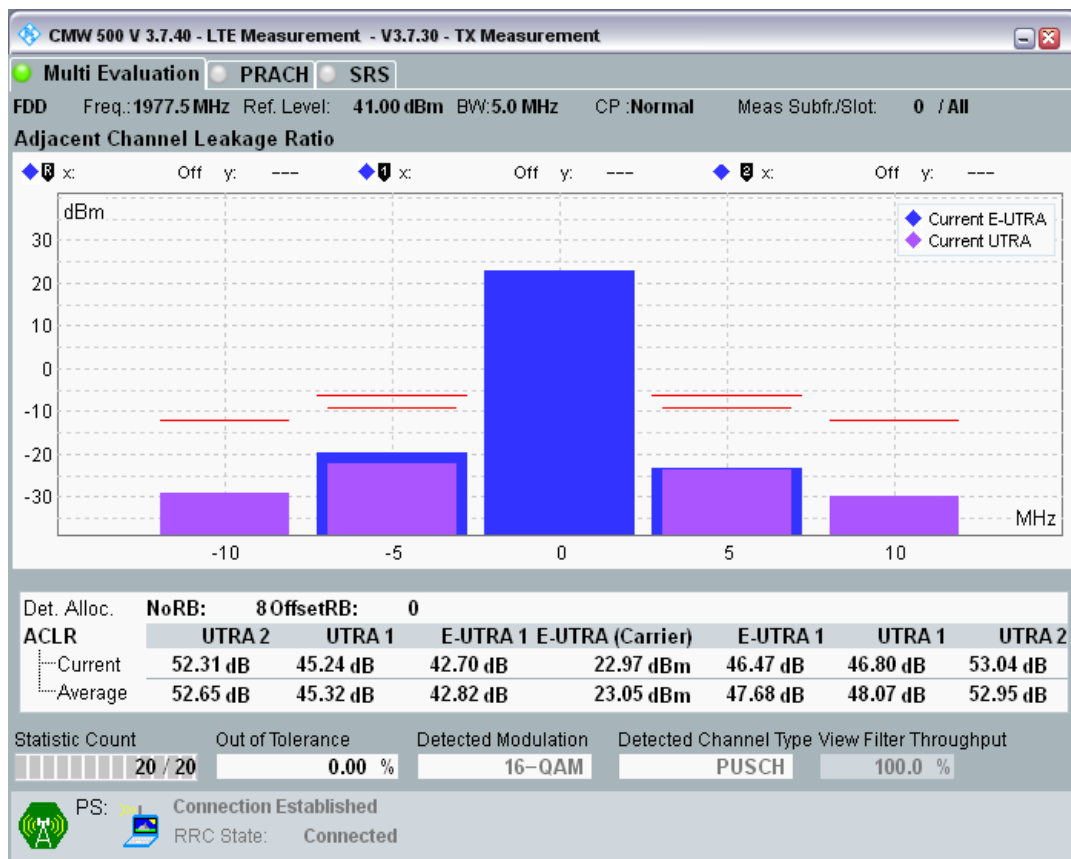
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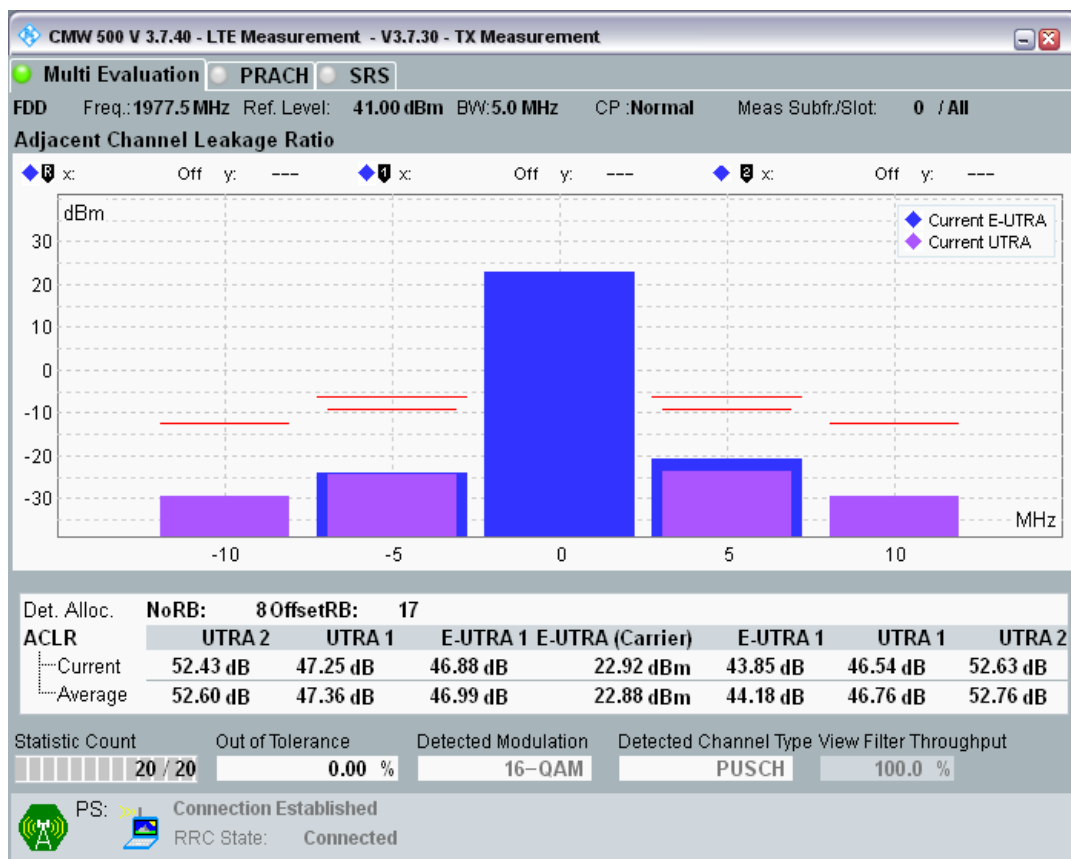
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Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#0.png



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



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



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



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



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



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



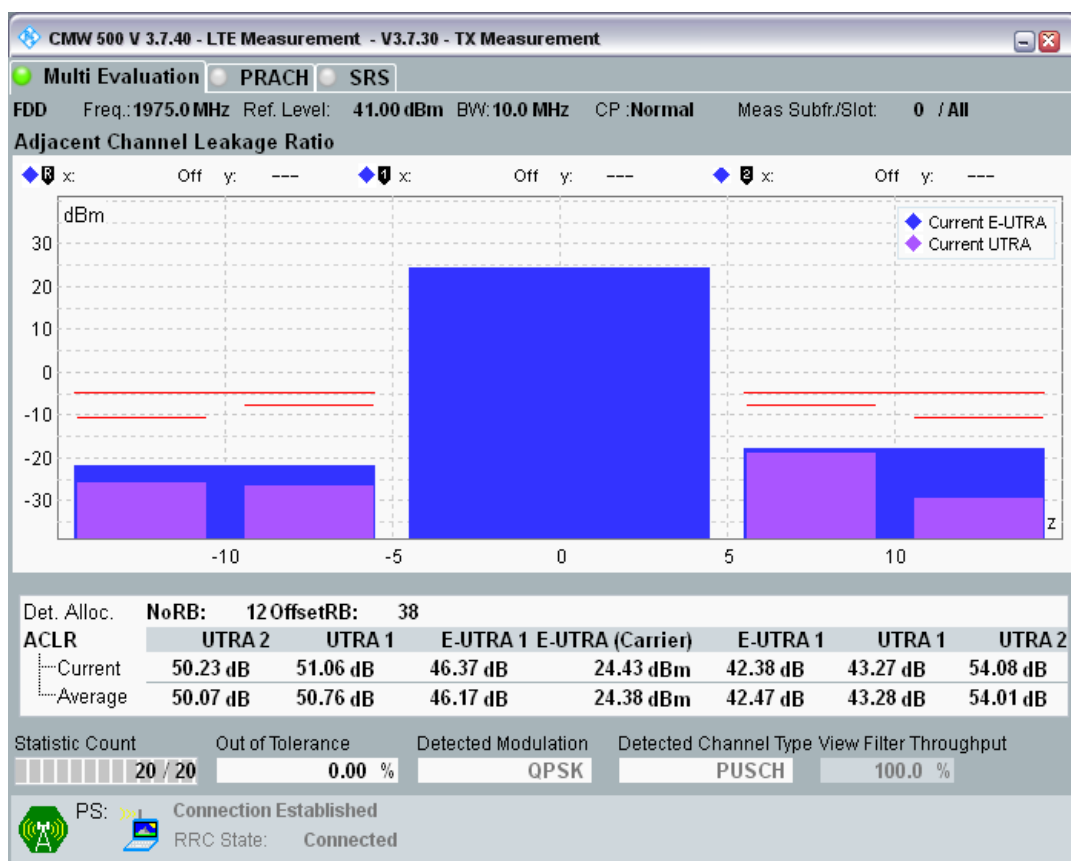
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Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



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



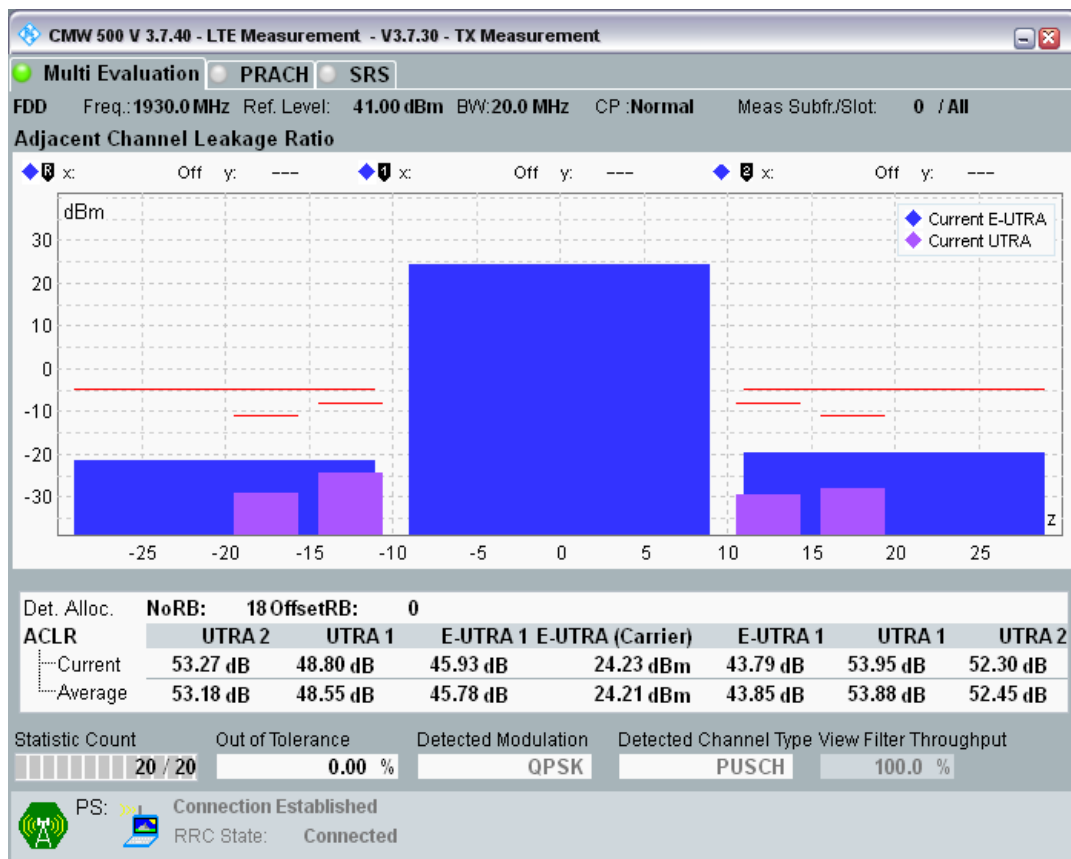
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Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png



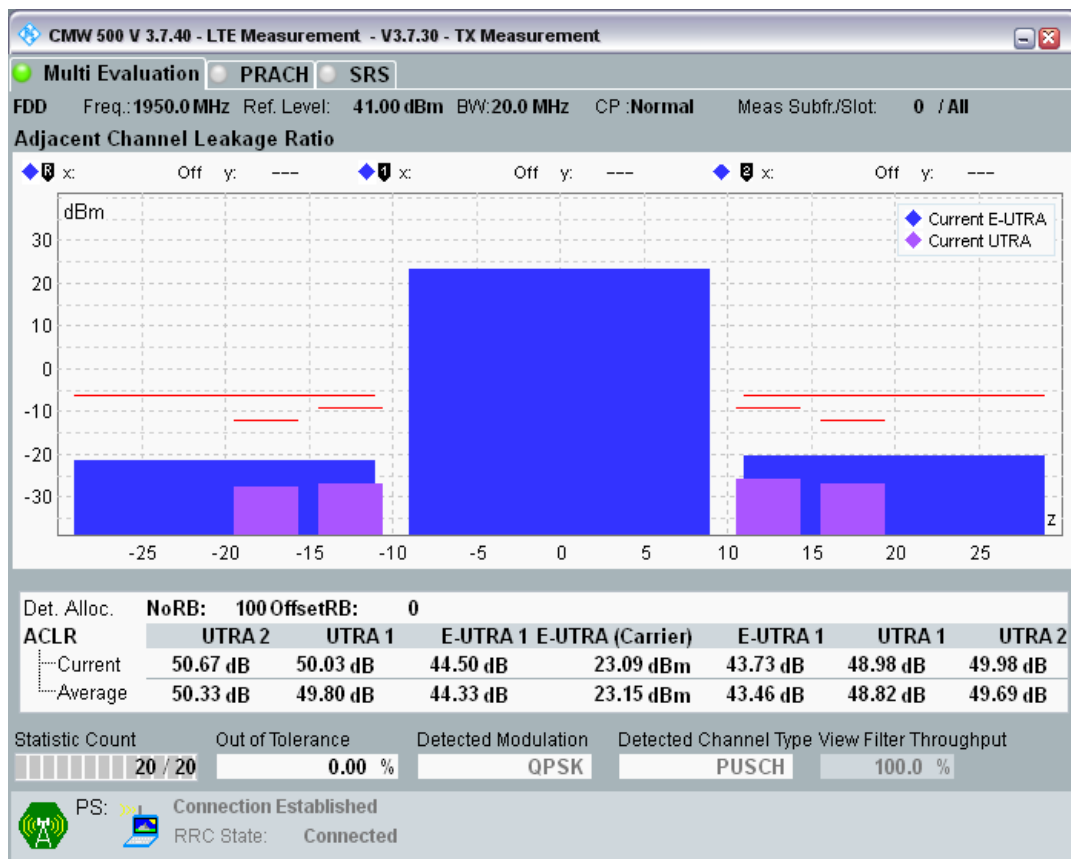
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Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#Max.png



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



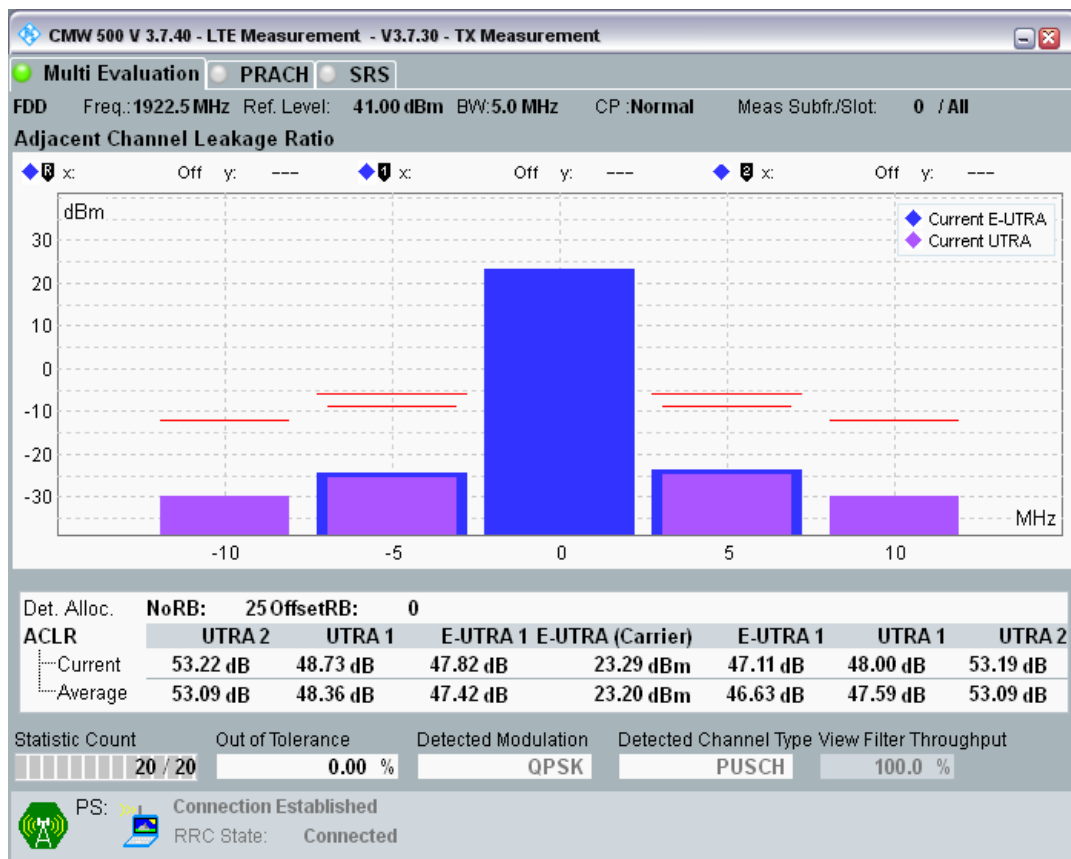
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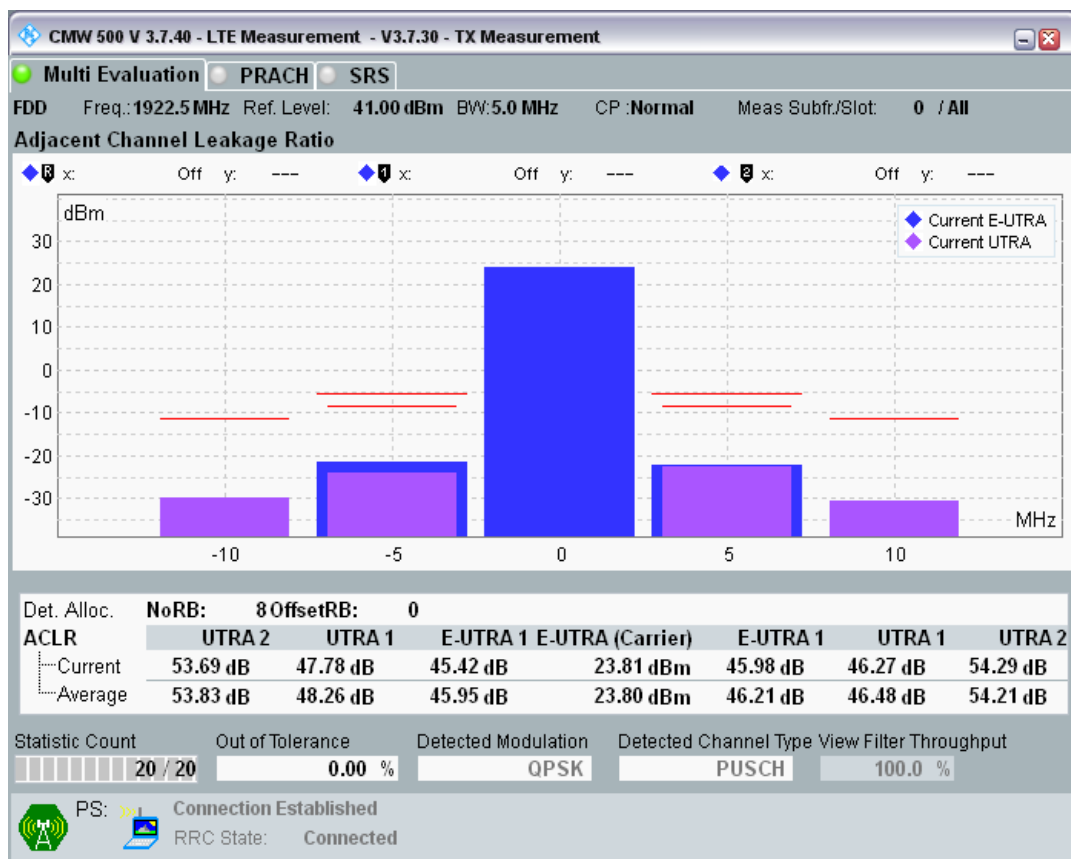
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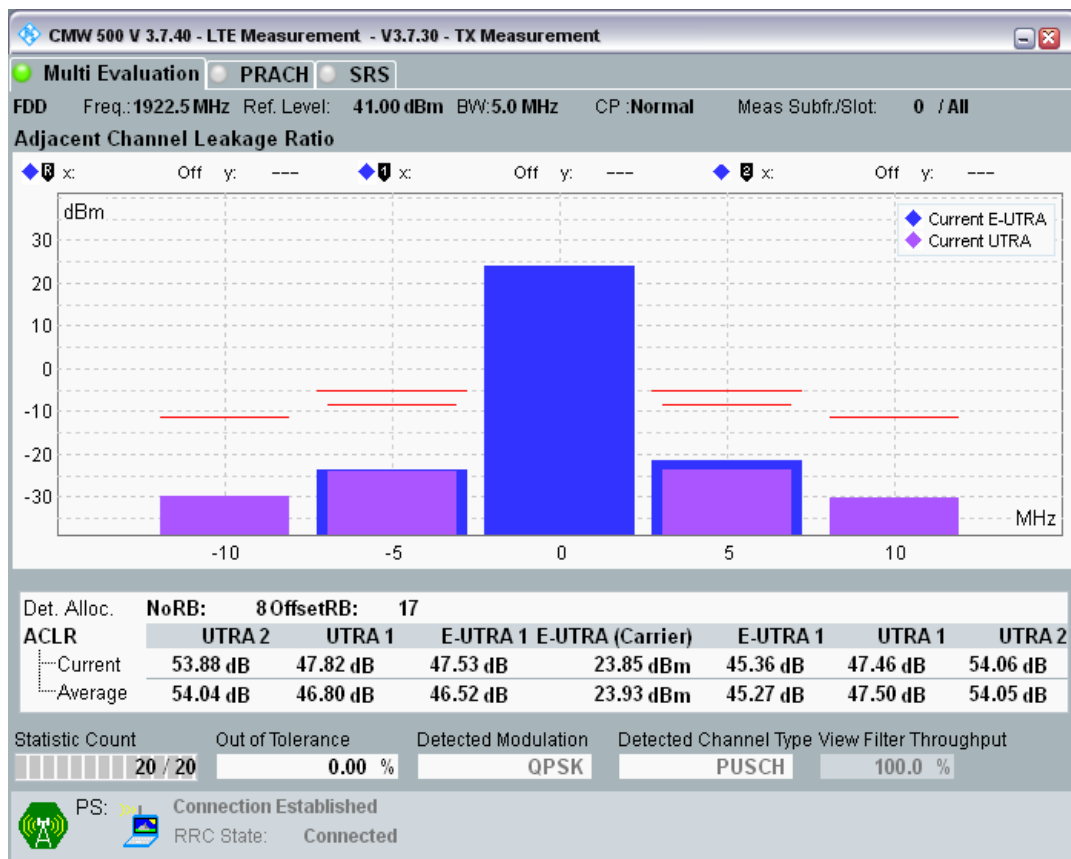
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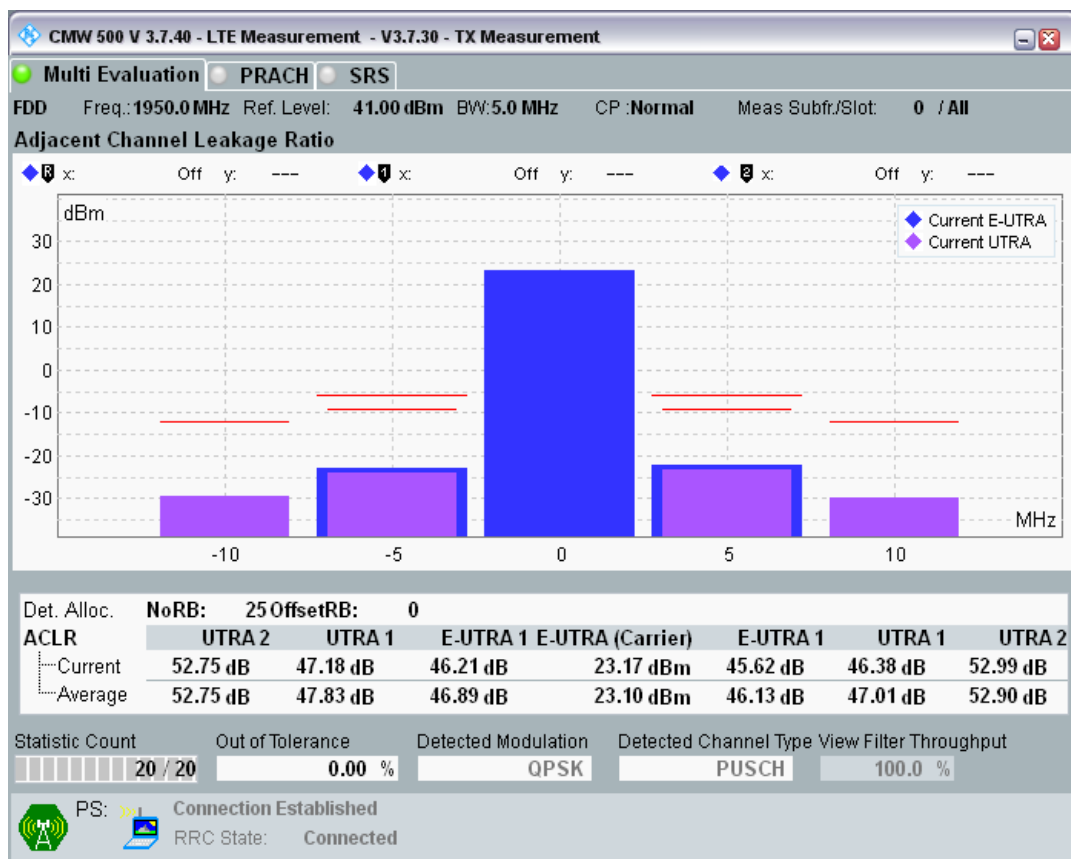
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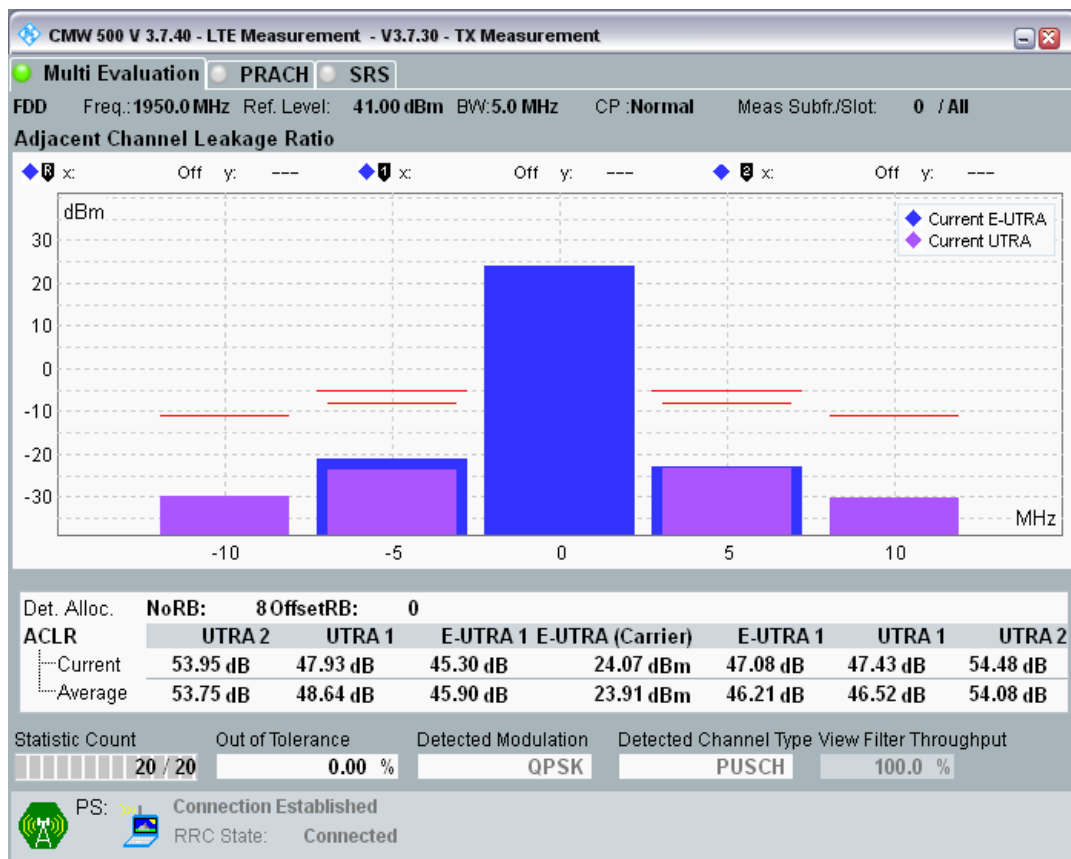
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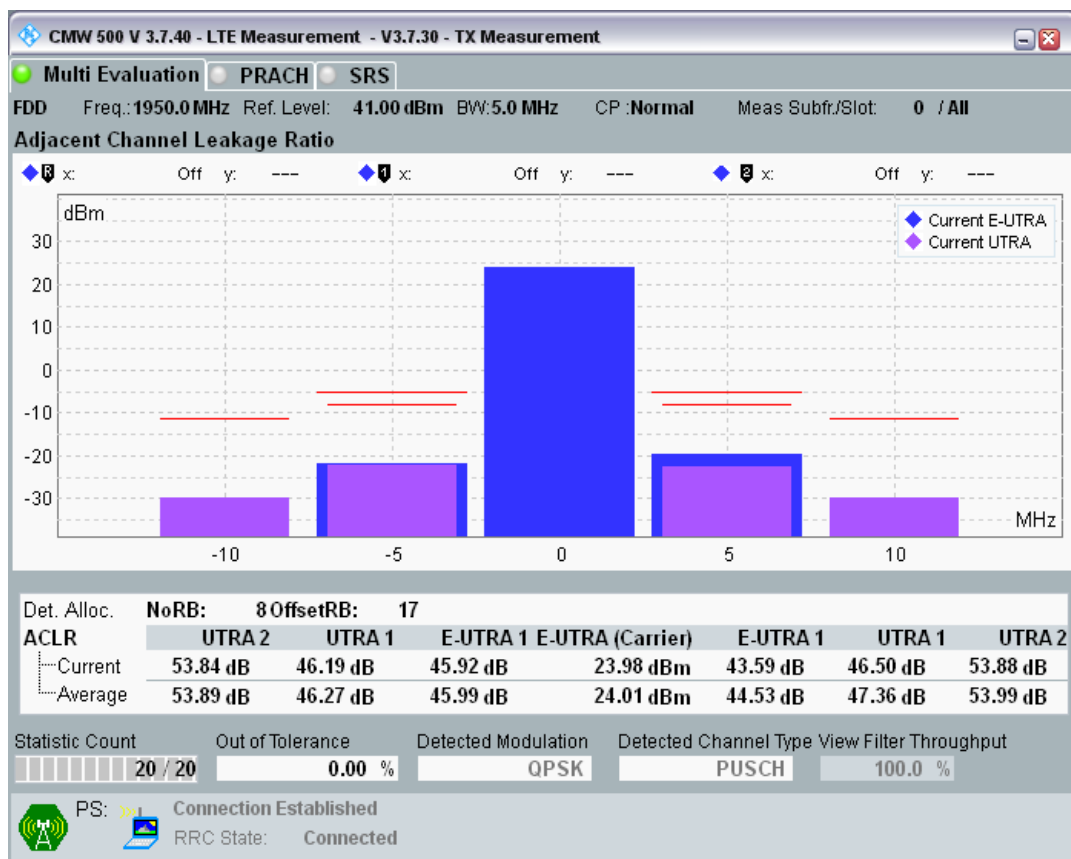
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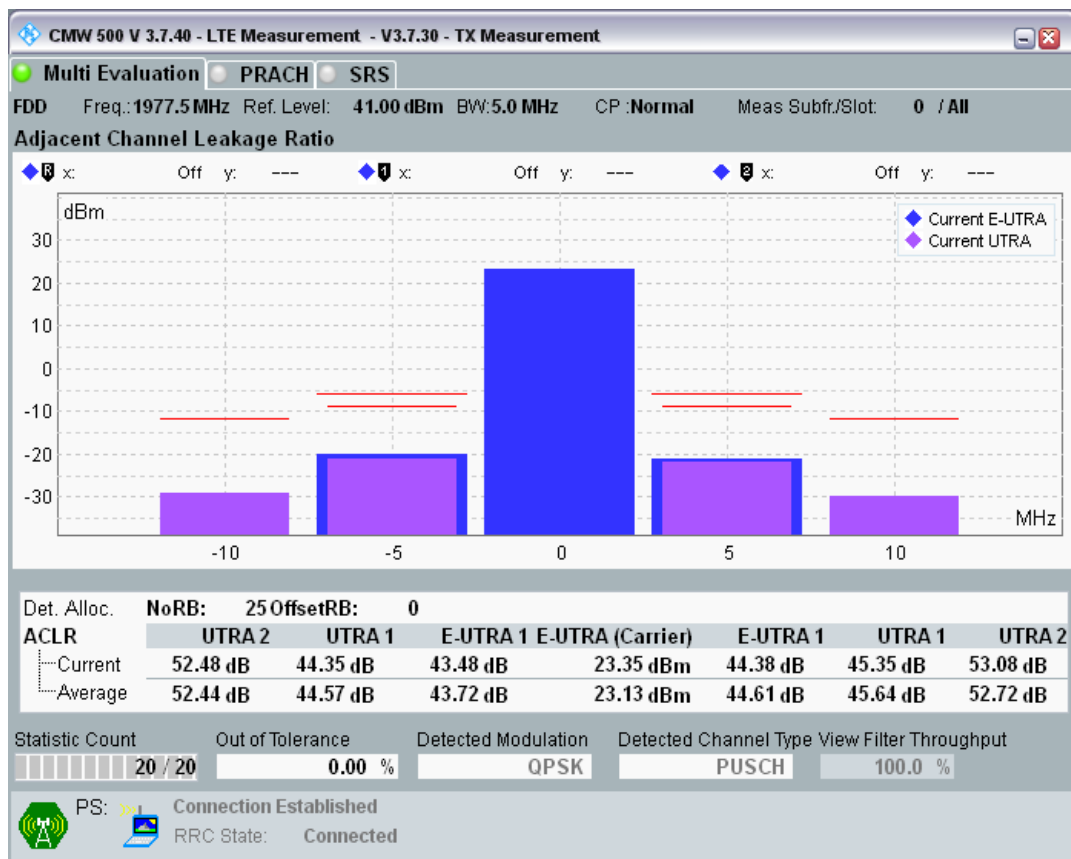
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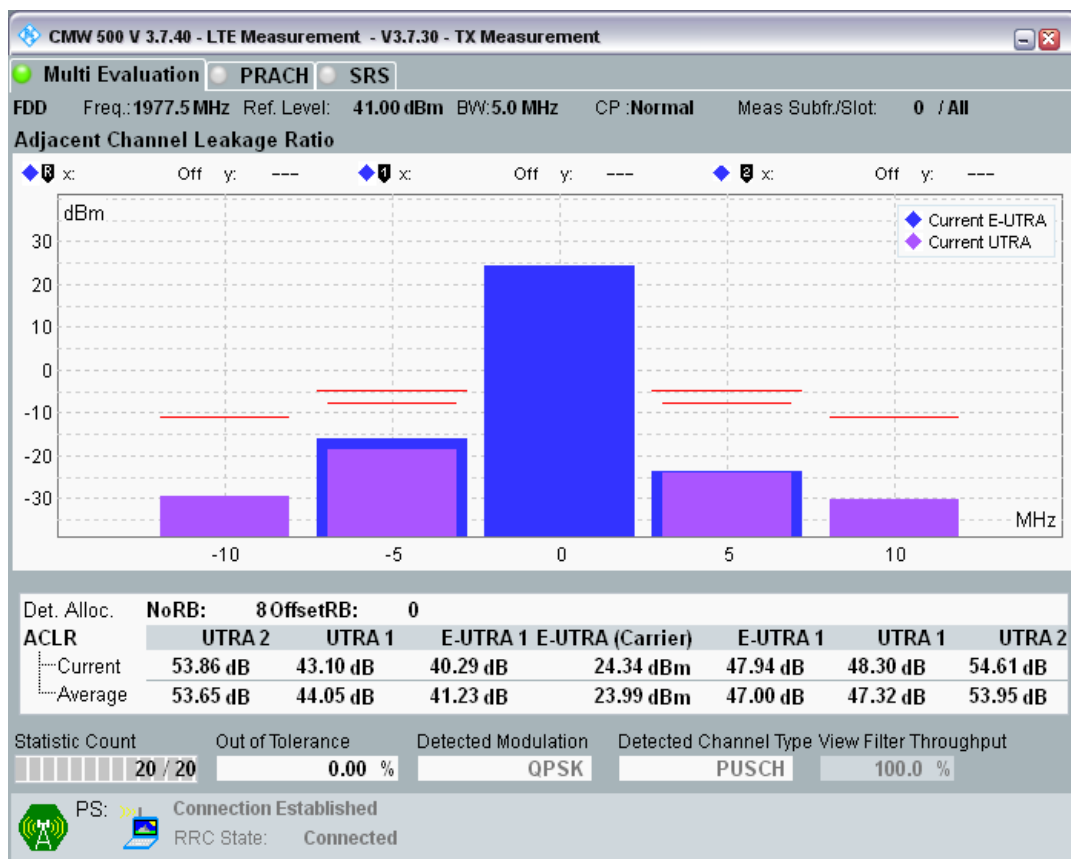
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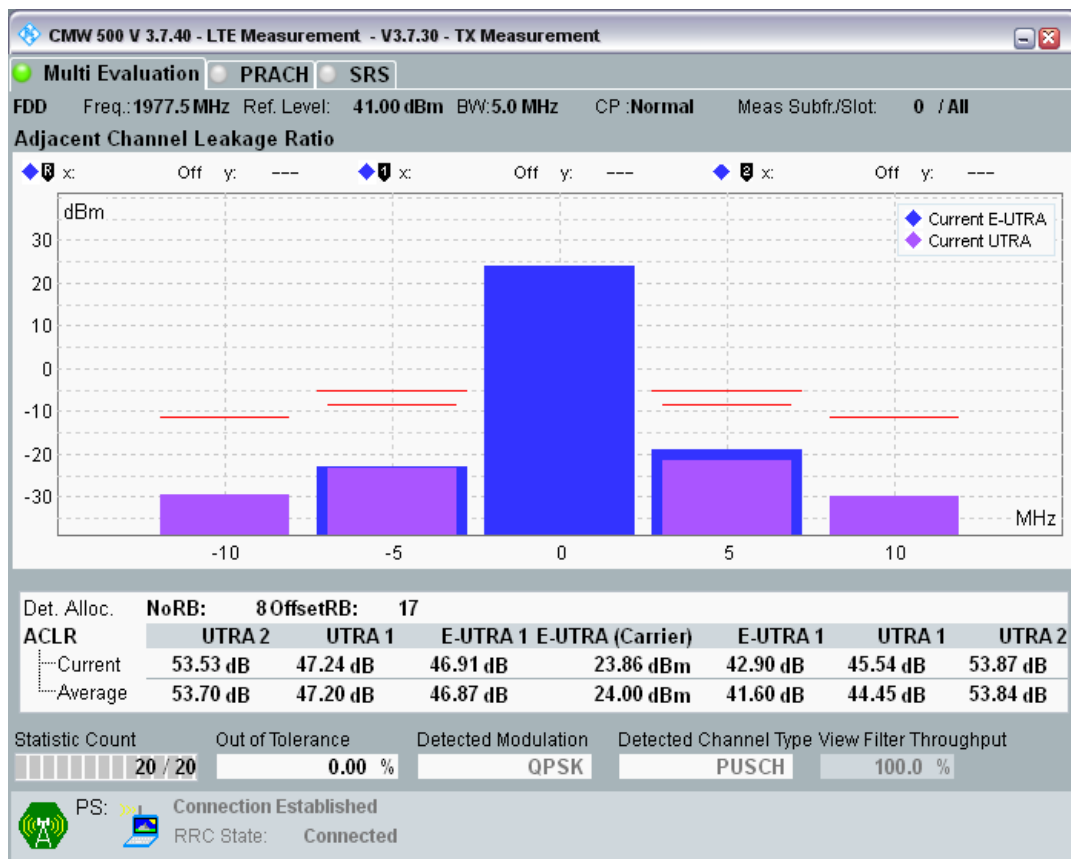
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366

Project No.: CCISE2004024

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
3	1.4	19207	6	QPSK	-101	100.00	95	PASS
3	1.4	19575	6	QPSK	-101	100.00	95	PASS
3	1.4	19943	6	QPSK	-101	100.00	95	PASS
3	5	19225	25	QPSK	-96.3	100.00	95	PASS
3	5	19575	25	QPSK	-96.3	100.00	95	PASS
3	5	19925	25	QPSK	-96.3	100.00	95	PASS
3	20	19300	100	QPSK	-90.3	100.00	95	PASS
3	20	19575	100	QPSK	-90.3	100.00	95	PASS
3	20	19850	100	QPSK	-90.3	100.00	95	PASS
7	5	20775	25	QPSK	-97.3	100.00	95	PASS
7	5	21100	25	QPSK	-97.3	100.00	95	PASS
7	5	21425	25	QPSK	-97.3	100.00	95	PASS
7	20	20850	100	QPSK	-91.3	100.00	95	PASS
7	20	21100	100	QPSK	-91.3	100.00	95	PASS
7	20	21350	100	QPSK	-91.3	100.00	95	PASS
8	1.4	21457	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21625	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21793	6	QPSK	-101.5	100.00	95	PASS
8	5	21475	25	QPSK	-96.3	100.00	95	PASS
8	5	21625	25	QPSK	-96.3	100.00	95	PASS
8	5	21775	25	QPSK	-96.3	100.00	95	PASS
8	10	21500	50	QPSK	-93.3	100.00	95	PASS
8	10	21625	50	QPSK	-93.3	100.00	95	PASS
8	10	21750	50	QPSK	-93.3	100.00	95	PASS
20	5	24175	25	QPSK	-96.3	100.00	95	PASS
20	5	24300	25	QPSK	-96.3	100.00	95	PASS
20	5	24425	25	QPSK	-96.3	100.00	95	PASS
20	20	24250	100	QPSK	-89.3	100.00	95	PASS
20	20	24300	100	QPSK	-89.3	100.00	95	PASS
20	20	24350	100	QPSK	-89.3	100.00	95	PASS
1	5	18025	25	QPSK	-99.3	100.00	95	PASS
1	5	18300	25	QPSK	-99.3	100.00	95	PASS
1	5	18575	25	QPSK	-99.3	100.00	95	PASS
1	20	18100	100	QPSK	-93.3	100.00	95	PASS
1	20	18300	100	QPSK	-93.3	100.00	95	PASS
1	20	18500	100	QPSK	-93.3	100.00	95	PASS