

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 Limit (dBm)	high Limit (dBm)	Verdict
7	5	20775	1	#0	QPSK	23.80	20.3	25.7	PASS
7	5	20775	1	#Max	QPSK	23.70	20.3	25.7	PASS
7	5	20775	8	#0	QPSK	23.85	20.3	25.7	PASS
7	5	20775	8	#Max	QPSK	23.82	20.3	25.7	PASS
7	5	21100	1	#0	QPSK	24.03	20.3	25.7	PASS
7	5	21100	1	#Max	QPSK	24.12	20.3	25.7	PASS
7	5	21100	8	#0	QPSK	24.06	20.3	25.7	PASS
7	5	21100	8	#Max	QPSK	24.20	20.3	25.7	PASS
7	5	21425	1	#0	QPSK	23.65	20.3	25.7	PASS
7	5	21425	1	#Max	QPSK	23.76	20.3	25.7	PASS
7	5	21425	8	#0	QPSK	23.84	20.3	25.7	PASS
7	5	21425	8	#Max	QPSK	23.94	20.3	25.7	PASS
7	20	20850	1	#0	QPSK	23.70	20.3	25.7	PASS
7	20	20850	1	#Max	QPSK	23.39	20.3	25.7	PASS
7	20	20850	18	#0	QPSK	23.71	20.3	25.7	PASS
7	20	20850	18	#Max	QPSK	23.46	20.3	25.7	PASS
7	20	21100	1	#0	QPSK	23.76	20.3	25.7	PASS
7	20	21100	1	#Max	QPSK	23.96	20.3	25.7	PASS
7	20	21100	18	#0	QPSK	23.82	20.3	25.7	PASS
7	20	21100	18	#Max	QPSK	23.97	20.3	25.7	PASS
7	20	21350	1	#0	QPSK	23.71	20.3	25.7	PASS
7	20	21350	1	#Max	QPSK	23.64	20.3	25.7	PASS
7	20	21350	18	#0	QPSK	23.70	20.3	25.7	PASS
7	20	21350	18	#Max	QPSK	23.70	20.3	25.7	PASS
1	5	18025	1	#0	QPSK	23.28	20.3	25.7	PASS
1	5	18025	1	#Max	QPSK	23.50	20.3	25.7	PASS
1	5	18025	8	#0	QPSK	23.39	20.3	25.7	PASS
1	5	18025	8	#Max	QPSK	23.59	20.3	25.7	PASS
1	5	18300	1	#0	QPSK	23.17	20.3	25.7	PASS
1	5	18300	1	#Max	QPSK	23.01	20.3	25.7	PASS
1	5	18300	8	#0	QPSK	23.22	20.3	25.7	PASS
1	5	18300	8	#Max	QPSK	23.12	20.3	25.7	PASS
1	5	18575	1	#0	QPSK	23.57	20.3	25.7	PASS
1	5	18575	1	#Max	QPSK	23.47	20.3	25.7	PASS
1	5	18575	8	#0	QPSK	23.63	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	23.56	20.3	25.7	PASS

1	20	18100	1	#0	QPSK	23.30	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	23.32	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	23.44	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	23.35	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	23.33	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	23.05	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	23.22	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	22.99	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	23.05	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	23.31	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	23.24	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	23.45	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.68	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.71	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.74	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.74	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	24.47	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	24.47	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	24.59	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	24.63	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	24.60	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	24.57	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	24.59	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	24.64	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.58	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.58	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.62	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.57	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	24.40	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	24.56	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	24.43	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	24.53	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	24.41	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	24.40	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	24.60	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	24.48	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	24.71	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	24.68	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.61	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	24.69	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	24.52	20.3	25.7	PASS
8	10	21625	1	#Max	QPSK	24.53	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	24.46	20.3	25.7	PASS

8	10	21625	12	#Max	QPSK	24.46	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	24.49	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	24.56	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	24.49	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	24.49	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.50	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.46	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.52	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.55	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	24.12	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	23.90	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	24.16	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	23.94	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	23.73	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	23.97	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	23.95	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	23.97	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	24.29	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	23.70	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.34	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	23.92	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	24.28	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	23.72	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	24.21	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	23.88	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	23.89	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	23.81	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	24.03	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	23.94	20.3	25.7	PASS
3	1.4	19207	1	#Max	QPSK	23.95	20.3	25.7	PASS
3	1.4	19207	5	#0	QPSK	23.95	20.3	25.7	PASS
3	1.4	19207	5	#Max	QPSK	23.99	20.3	25.7	PASS
3	1.4	19575	1	#0	QPSK	23.53	20.3	25.7	PASS
3	1.4	19575	1	#Max	QPSK	23.49	20.3	25.7	PASS
3	1.4	19575	5	#0	QPSK	23.68	20.3	25.7	PASS
3	1.4	19575	5	#Max	QPSK	23.68	20.3	25.7	PASS
3	1.4	19943	1	#0	QPSK	23.87	20.3	25.7	PASS
3	1.4	19943	1	#Max	QPSK	23.89	20.3	25.7	PASS
3	1.4	19943	5	#0	QPSK	23.98	20.3	25.7	PASS
3	1.4	19943	5	#Max	QPSK	23.99	20.3	25.7	PASS
3	5	19225	1	#0	QPSK	23.80	20.3	25.7	PASS
3	5	19225	1	#Max	QPSK	23.80	20.3	25.7	PASS

3	5	19225	8	#0	QPSK	23.93	20.3	25.7	PASS
3	5	19225	8	#Max	QPSK	23.98	20.3	25.7	PASS
3	5	19575	1	#0	QPSK	23.56	20.3	25.7	PASS
3	5	19575	1	#Max	QPSK	23.46	20.3	25.7	PASS
3	5	19575	8	#0	QPSK	23.64	20.3	25.7	PASS
3	5	19575	8	#Max	QPSK	23.57	20.3	25.7	PASS
3	5	19925	1	#0	QPSK	23.78	20.3	25.7	PASS
3	5	19925	1	#Max	QPSK	23.66	20.3	25.7	PASS
3	5	19925	8	#0	QPSK	23.92	20.3	25.7	PASS
3	5	19925	8	#Max	QPSK	23.84	20.3	25.7	PASS
3	20	19300	1	#0	QPSK	23.66	20.3	25.7	PASS
3	20	19300	1	#Max	QPSK	24.06	20.3	25.7	PASS
3	20	19300	18	#0	QPSK	23.81	20.3	25.7	PASS
3	20	19300	18	#Max	QPSK	24.14	20.3	25.7	PASS
3	20	19575	1	#0	QPSK	23.60	20.3	25.7	PASS
3	20	19575	1	#Max	QPSK	23.27	20.3	25.7	PASS
3	20	19575	18	#0	QPSK	23.71	20.3	25.7	PASS
3	20	19575	18	#Max	QPSK	23.32	20.3	25.7	PASS
3	20	19850	1	#0	QPSK	23.48	20.3	25.7	PASS
3	20	19850	1	#Max	QPSK	23.66	20.3	25.7	PASS
3	20	19850	18	#0	QPSK	23.59	20.3	25.7	PASS
3	20	19850	18	#Max	QPSK	23.65	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	-49.26	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.68	-39	PASS
3	1.4	19943	6	#0	QPSK	-49.11	-39	PASS
3	5	19225	25	#0	QPSK	-49.03	-39	PASS
3	5	19575	25	#0	QPSK	-49.47	-39	PASS
3	5	19925	25	#0	QPSK	-48.75	-39	PASS
3	20	19300	100	#0	QPSK	-48.06	-39	PASS
3	20	19575	100	#0	QPSK	-48.58	-39	PASS
3	20	19850	100	#0	QPSK	-49.52	-39	PASS
7	5	20775	25	#0	QPSK	-49.79	-39	PASS
7	5	21100	25	#0	QPSK	-50.67	-39	PASS
7	5	21425	25	#0	QPSK	-51.08	-39	PASS
7	20	20850	100	#0	QPSK	-50.38	-39	PASS
7	20	21100	100	#0	QPSK	-49.72	-39	PASS
7	20	21350	100	#0	QPSK	-49.25	-39	PASS
8	1.4	21457	6	#0	QPSK	-49.13	-39	PASS
8	1.4	21625	6	#0	QPSK	-48.94	-39	PASS
8	1.4	21793	6	#0	QPSK	-49.99	-39	PASS

8	5	21475	25	#0	QPSK	-49.03	-39	PASS
8	5	21625	25	#0	QPSK	-48.89	-39	PASS
8	5	21775	25	#0	QPSK	-49.26	-39	PASS
8	10	21500	50	#0	QPSK	-49.03	-39	PASS
8	10	21625	50	#0	QPSK	-48.79	-39	PASS
8	10	21750	50	#0	QPSK	-49.08	-39	PASS
20	5	24175	25	#0	QPSK	-49.93	-39	PASS
20	5	24300	25	#0	QPSK	-49.04	-39	PASS
20	5	24425	25	#0	QPSK	-49.92	-39	PASS
20	20	24250	100	#0	QPSK	-49.68	-39	PASS
20	20	24300	100	#0	QPSK	-49.82	-39	PASS
20	20	24350	100	#0	QPSK	-48.42	-39	PASS
1	5	18025	25	#0	QPSK	-49.17	-39	PASS
1	5	18300	25	#0	QPSK	-50.10	-39	PASS
1	5	18575	25	#0	QPSK	-48.74	-39	PASS
1	20	18100	100	#0	QPSK	-48.38	-39	PASS
1	20	18300	100	#0	QPSK	-49.03	-39	PASS
1	20	18500	100	#0	QPSK	-48.26	-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		39.03	32.2	PASS
3	1.4	19207	5	#0	QPSK		34.65	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		36.32	29.2	PASS
3	1.4	19207	5	#0	QPSK		41.80	32.2	PASS
3	1.4	19207	5	#Max	QPSK		41.53	32.2	PASS
3	1.4	19207	5	#Max	QPSK		36.18	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		34.74	29.2	PASS
3	1.4	19207	5	#Max	QPSK		39.25	32.2	PASS
3	1.4	19207	6	#0	QPSK		40.39	32.2	PASS
3	1.4	19207	6	#0	QPSK		38.31	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		38.24	29.2	PASS
3	1.4	19207	6	#0	QPSK		40.32	32.2	PASS
3	1.4	19207	5	#0	QAM16		41.55	32.2	PASS
3	1.4	19207	5	#0	QAM16		37.32	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		38.65	29.2	PASS
3	1.4	19207	5	#0	QAM16		43.65	32.2	PASS
3	1.4	19207	5	#Max	QAM16		43.93	32.2	PASS
3	1.4	19207	5	#Max	QAM16		38.74	29.2	PASS

3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		36.92	29.2	PASS
3	1.4	19207	5	#Max	QAM16		41.39	32.2	PASS
3	1.4	19207	6	#0	QAM16		41.89	32.2	PASS
3	1.4	19207	6	#0	QAM16		39.16	29.2	PASS
3	1.4	19207	6	#0	QAM16		0.00	0	PASS
3	1.4	19207	6	#0	QAM16		38.97	29.2	PASS
3	1.4	19207	6	#0	QAM16		41.66	32.2	PASS
3	1.4	19575	5	#0	QPSK		39.66	32.2	PASS
3	1.4	19575	5	#0	QPSK		35.29	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		37.00	29.2	PASS
3	1.4	19575	5	#0	QPSK		42.21	32.2	PASS
3	1.4	19575	5	#Max	QPSK		41.83	32.2	PASS
3	1.4	19575	5	#Max	QPSK		36.57	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		34.84	29.2	PASS
3	1.4	19575	5	#Max	QPSK		39.56	32.2	PASS
3	1.4	19575	6	#0	QPSK		40.17	32.2	PASS
3	1.4	19575	6	#0	QPSK		37.69	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		38.29	29.2	PASS
3	1.4	19575	6	#0	QPSK		40.57	32.2	PASS
3	1.4	19575	5	#0	QAM16		41.26	32.2	PASS
3	1.4	19575	5	#0	QAM16		36.52	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		38.32	29.2	PASS
3	1.4	19575	5	#0	QAM16		43.13	32.2	PASS
3	1.4	19575	5	#Max	QAM16		43.40	32.2	PASS
3	1.4	19575	5	#Max	QAM16		38.41	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		36.85	29.2	PASS
3	1.4	19575	5	#Max	QAM16		40.84	32.2	PASS
3	1.4	19575	6	#0	QAM16		41.16	32.2	PASS
3	1.4	19575	6	#0	QAM16		38.19	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		38.08	29.2	PASS
3	1.4	19575	6	#0	QAM16		41.05	32.2	PASS
3	1.4	19943	5	#0	QPSK		36.54	32.2	PASS
3	1.4	19943	5	#0	QPSK		30.55	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS
3	1.4	19943	5	#0	QPSK		34.01	29.2	PASS
3	1.4	19943	5	#0	QPSK		39.86	32.2	PASS

3	1.4	19943	5	#Max	QPSK		38.39	32.2	PASS
3	1.4	19943	5	#Max	QPSK		33.11	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		29.86	29.2	PASS
3	1.4	19943	5	#Max	QPSK		36.77	32.2	PASS
3	1.4	19943	6	#0	QPSK		36.41	32.2	PASS
3	1.4	19943	6	#0	QPSK		33.02	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		33.50	29.2	PASS
3	1.4	19943	6	#0	QPSK		37.16	32.2	PASS
3	1.4	19943	5	#0	QAM16		38.08	32.2	PASS
3	1.4	19943	5	#0	QAM16		32.88	29.2	PASS
3	1.4	19943	5	#0	QAM16		0.00	0	PASS
3	1.4	19943	5	#0	QAM16		35.29	29.2	PASS
3	1.4	19943	5	#0	QAM16		41.27	32.2	PASS
3	1.4	19943	5	#Max	QAM16		40.57	32.2	PASS
3	1.4	19943	5	#Max	QAM16		35.04	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		32.78	29.2	PASS
3	1.4	19943	5	#Max	QAM16		38.43	32.2	PASS
3	1.4	19943	6	#0	QAM16		39.67	32.2	PASS
3	1.4	19943	6	#0	QAM16		36.62	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		36.90	29.2	PASS
3	1.4	19943	6	#0	QAM16		40.14	32.2	PASS
3	5	19225	8	#0	QPSK		53.97	35.2	PASS
3	5	19225	8	#0	QPSK		38.17	32.2	PASS
3	5	19225	8	#0	QPSK		36.28	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		47.03	29.2	PASS
3	5	19225	8	#0	QPSK		47.42	32.2	PASS
3	5	19225	8	#0	QPSK		54.58	35.2	PASS
3	5	19225	8	#Max	QPSK		54.17	35.2	PASS
3	5	19225	8	#Max	QPSK		47.92	32.2	PASS
3	5	19225	8	#Max	QPSK		47.53	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		37.40	29.2	PASS
3	5	19225	8	#Max	QPSK		39.11	32.2	PASS
3	5	19225	8	#Max	QPSK		54.37	35.2	PASS
3	5	19225	25	#0	QPSK		49.32	35.2	PASS
3	5	19225	25	#0	QPSK		38.78	32.2	PASS
3	5	19225	25	#0	QPSK		38.05	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS

3	5	19225	25	#0	QPSK		38.07	29.2	PASS
3	5	19225	25	#0	QPSK		38.77	32.2	PASS
3	5	19225	25	#0	QPSK		48.63	35.2	PASS
3	5	19225	8	#0	QAM16		53.04	35.2	PASS
3	5	19225	8	#0	QAM16		39.99	32.2	PASS
3	5	19225	8	#0	QAM16		37.98	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		47.03	29.2	PASS
3	5	19225	8	#0	QAM16		47.40	32.2	PASS
3	5	19225	8	#0	QAM16		53.51	35.2	PASS
3	5	19225	8	#Max	QAM16		53.24	35.2	PASS
3	5	19225	8	#Max	QAM16		47.94	32.2	PASS
3	5	19225	8	#Max	QAM16		47.56	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		38.93	29.2	PASS
3	5	19225	8	#Max	QAM16		40.82	32.2	PASS
3	5	19225	8	#Max	QAM16		53.50	35.2	PASS
3	5	19225	25	#0	QAM16		49.79	35.2	PASS
3	5	19225	25	#0	QAM16		38.98	32.2	PASS
3	5	19225	25	#0	QAM16		38.24	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		38.11	29.2	PASS
3	5	19225	25	#0	QAM16		38.83	32.2	PASS
3	5	19225	25	#0	QAM16		49.25	35.2	PASS
3	5	19575	8	#0	QPSK		53.29	35.2	PASS
3	5	19575	8	#0	QPSK		38.27	32.2	PASS
3	5	19575	8	#0	QPSK		36.09	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		47.71	29.2	PASS
3	5	19575	8	#0	QPSK		48.13	32.2	PASS
3	5	19575	8	#0	QPSK		53.79	35.2	PASS
3	5	19575	8	#Max	QPSK		53.35	35.2	PASS
3	5	19575	8	#Max	QPSK		48.39	32.2	PASS
3	5	19575	8	#Max	QPSK		47.91	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		34.92	29.2	PASS
3	5	19575	8	#Max	QPSK		37.36	32.2	PASS
3	5	19575	8	#Max	QPSK		53.57	35.2	PASS
3	5	19575	25	#0	QPSK		48.15	35.2	PASS
3	5	19575	25	#0	QPSK		37.76	32.2	PASS
3	5	19575	25	#0	QPSK		37.08	29.2	PASS
3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		37.52	29.2	PASS

3	5	19575	25	#0	QPSK		38.23	32.2	PASS
3	5	19575	25	#0	QPSK		48.41	35.2	PASS
3	5	19575	8	#0	QAM16		52.22	35.2	PASS
3	5	19575	8	#0	QAM16		38.95	32.2	PASS
3	5	19575	8	#0	QAM16		36.73	29.2	PASS
3	5	19575	8	#0	QAM16		0.00	0	PASS
3	5	19575	8	#0	QAM16		46.99	29.2	PASS
3	5	19575	8	#0	QAM16		47.36	32.2	PASS
3	5	19575	8	#0	QAM16		52.64	35.2	PASS
3	5	19575	8	#Max	QAM16		52.24	35.2	PASS
3	5	19575	8	#Max	QAM16		47.30	32.2	PASS
3	5	19575	8	#Max	QAM16		46.90	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		36.22	29.2	PASS
3	5	19575	8	#Max	QAM16		38.51	32.2	PASS
3	5	19575	8	#Max	QAM16		52.56	35.2	PASS
3	5	19575	25	#0	QAM16		48.27	35.2	PASS
3	5	19575	25	#0	QAM16		37.34	32.2	PASS
3	5	19575	25	#0	QAM16		36.64	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		37.03	29.2	PASS
3	5	19575	25	#0	QAM16		37.78	32.2	PASS
3	5	19575	25	#0	QAM16		48.40	35.2	PASS
3	5	19925	8	#0	QPSK		53.99	35.2	PASS
3	5	19925	8	#0	QPSK		36.27	32.2	PASS
3	5	19925	8	#0	QPSK		33.82	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		47.71	29.2	PASS
3	5	19925	8	#0	QPSK		48.13	32.2	PASS
3	5	19925	8	#0	QPSK		54.81	35.2	PASS
3	5	19925	8	#Max	QPSK		54.30	35.2	PASS
3	5	19925	8	#Max	QPSK		47.60	32.2	PASS
3	5	19925	8	#Max	QPSK		47.00	29.2	PASS
3	5	19925	8	#Max	QPSK		0.00	0	PASS
3	5	19925	8	#Max	QPSK		31.28	29.2	PASS
3	5	19925	8	#Max	QPSK		34.35	32.2	PASS
3	5	19925	8	#Max	QPSK		54.54	35.2	PASS
3	5	19925	25	#0	QPSK		47.34	35.2	PASS
3	5	19925	25	#0	QPSK		35.77	32.2	PASS
3	5	19925	25	#0	QPSK		35.08	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS
3	5	19925	25	#0	QPSK		36.52	29.2	PASS
3	5	19925	25	#0	QPSK		37.27	32.2	PASS

3	5	19925	25	#0	QPSK		51.68	35.2	PASS
3	5	19925	8	#0	QAM16		53.07	35.2	PASS
3	5	19925	8	#0	QAM16		38.60	32.2	PASS
3	5	19925	8	#0	QAM16		36.53	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		47.83	29.2	PASS
3	5	19925	8	#0	QAM16		48.22	32.2	PASS
3	5	19925	8	#0	QAM16		53.50	35.2	PASS
3	5	19925	8	#Max	QAM16		52.95	35.2	PASS
3	5	19925	8	#Max	QAM16		47.00	32.2	PASS
3	5	19925	8	#Max	QAM16		46.60	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		34.75	29.2	PASS
3	5	19925	8	#Max	QAM16		37.19	32.2	PASS
3	5	19925	8	#Max	QAM16		53.26	35.2	PASS
3	5	19925	25	#0	QAM16		47.69	35.2	PASS
3	5	19925	25	#0	QAM16		36.55	32.2	PASS
3	5	19925	25	#0	QAM16		35.78	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		37.16	29.2	PASS
3	5	19925	25	#0	QAM16		37.95	32.2	PASS
3	5	19925	25	#0	QAM16		50.99	35.2	PASS
3	10	19250	12	#0	QPSK		53.49	35.2	PASS
3	10	19250	12	#0	QPSK		37.73	32.2	PASS
3	10	19250	12	#0	QPSK		37.31	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.56	29.2	PASS
3	10	19250	12	#0	QPSK		50.34	32.2	PASS
3	10	19250	12	#0	QPSK		49.36	35.2	PASS
3	10	19250	12	#Max	QPSK		50.86	35.2	PASS
3	10	19250	12	#Max	QPSK		51.32	32.2	PASS
3	10	19250	12	#Max	QPSK		46.88	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		38.90	29.2	PASS
3	10	19250	12	#Max	QPSK		39.39	32.2	PASS
3	10	19250	12	#Max	QPSK		54.13	35.2	PASS
3	10	19250	50	#0	QPSK		43.85	35.2	PASS
3	10	19250	50	#0	QPSK		41.38	32.2	PASS
3	10	19250	50	#0	QPSK		38.76	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		38.00	29.2	PASS
3	10	19250	50	#0	QPSK		41.15	32.2	PASS
3	10	19250	50	#0	QPSK		42.37	35.2	PASS

3	10	19250	12	#0	QAM16		52.56	35.2	PASS
3	10	19250	12	#0	QAM16		39.04	32.2	PASS
3	10	19250	12	#0	QAM16		38.46	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		45.28	29.2	PASS
3	10	19250	12	#0	QAM16		50.00	32.2	PASS
3	10	19250	12	#0	QAM16		49.13	35.2	PASS
3	10	19250	12	#Max	QAM16		50.59	35.2	PASS
3	10	19250	12	#Max	QAM16		50.86	32.2	PASS
3	10	19250	12	#Max	QAM16		46.59	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		39.46	29.2	PASS
3	10	19250	12	#Max	QAM16		40.09	32.2	PASS
3	10	19250	12	#Max	QAM16		53.15	35.2	PASS
3	10	19250	50	#0	QAM16		44.57	35.2	PASS
3	10	19250	50	#0	QAM16		40.90	32.2	PASS
3	10	19250	50	#0	QAM16		38.56	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		37.49	29.2	PASS
3	10	19250	50	#0	QAM16		40.11	32.2	PASS
3	10	19250	50	#0	QAM16		42.81	35.2	PASS
3	10	19575	12	#0	QPSK		53.38	35.2	PASS
3	10	19575	12	#0	QPSK		38.26	32.2	PASS
3	10	19575	12	#0	QPSK		37.79	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		46.31	29.2	PASS
3	10	19575	12	#0	QPSK		50.92	32.2	PASS
3	10	19575	12	#0	QPSK		50.09	35.2	PASS
3	10	19575	12	#Max	QPSK		50.73	35.2	PASS
3	10	19575	12	#Max	QPSK		51.23	32.2	PASS
3	10	19575	12	#Max	QPSK		46.90	29.2	PASS
3	10	19575	12	#Max	QPSK		0.00	0	PASS
3	10	19575	12	#Max	QPSK		36.61	29.2	PASS
3	10	19575	12	#Max	QPSK		37.03	32.2	PASS
3	10	19575	12	#Max	QPSK		53.77	35.2	PASS
3	10	19575	50	#0	QPSK		41.77	35.2	PASS
3	10	19575	50	#0	QPSK		39.37	32.2	PASS
3	10	19575	50	#0	QPSK		36.70	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		37.73	29.2	PASS
3	10	19575	50	#0	QPSK		40.47	32.2	PASS
3	10	19575	50	#0	QPSK		42.41	35.2	PASS
3	10	19575	12	#0	QAM16		52.40	35.2	PASS

3	10	19575	12	#0	QAM16		39.22	32.2	PASS
3	10	19575	12	#0	QAM16		38.60	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		46.25	29.2	PASS
3	10	19575	12	#0	QAM16		50.64	32.2	PASS
3	10	19575	12	#0	QAM16		50.23	35.2	PASS
3	10	19575	12	#Max	QAM16		50.40	35.2	PASS
3	10	19575	12	#Max	QAM16		51.00	32.2	PASS
3	10	19575	12	#Max	QAM16		46.64	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		37.72	29.2	PASS
3	10	19575	12	#Max	QAM16		38.40	32.2	PASS
3	10	19575	12	#Max	QAM16		52.89	35.2	PASS
3	10	19575	50	#0	QAM16		42.33	35.2	PASS
3	10	19575	50	#0	QAM16		38.76	32.2	PASS
3	10	19575	50	#0	QAM16		36.40	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		37.40	29.2	PASS
3	10	19575	50	#0	QAM16		39.73	32.2	PASS
3	10	19575	50	#0	QAM16		43.14	35.2	PASS
3	10	19900	12	#0	QPSK		53.20	35.2	PASS
3	10	19900	12	#0	QPSK		38.25	32.2	PASS
3	10	19900	12	#0	QPSK		37.75	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		47.57	29.2	PASS
3	10	19900	12	#0	QPSK		51.16	32.2	PASS
3	10	19900	12	#0	QPSK		52.50	35.2	PASS
3	10	19900	12	#Max	QPSK		50.46	35.2	PASS
3	10	19900	12	#Max	QPSK		50.92	32.2	PASS
3	10	19900	12	#Max	QPSK		46.61	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		35.00	29.2	PASS
3	10	19900	12	#Max	QPSK		35.37	32.2	PASS
3	10	19900	12	#Max	QPSK		54.16	35.2	PASS
3	10	19900	50	#0	QPSK		40.32	35.2	PASS
3	10	19900	50	#0	QPSK		39.91	32.2	PASS
3	10	19900	50	#0	QPSK		36.37	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		40.43	29.2	PASS
3	10	19900	50	#0	QPSK		41.74	32.2	PASS
3	10	19900	50	#0	QPSK		48.91	35.2	PASS
3	10	19900	12	#0	QAM16		52.42	35.2	PASS
3	10	19900	12	#0	QAM16		39.05	32.2	PASS

3	10	19900	12	#0	QAM16		38.48	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		47.23	29.2	PASS
3	10	19900	12	#0	QAM16		50.87	32.2	PASS
3	10	19900	12	#0	QAM16		51.92	35.2	PASS
3	10	19900	12	#Max	QAM16		49.64	35.2	PASS
3	10	19900	12	#Max	QAM16		50.26	32.2	PASS
3	10	19900	12	#Max	QAM16		45.83	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		36.96	29.2	PASS
3	10	19900	12	#Max	QAM16		37.43	32.2	PASS
3	10	19900	12	#Max	QAM16		53.15	35.2	PASS
3	10	19900	50	#0	QAM16		41.18	35.2	PASS
3	10	19900	50	#0	QAM16		38.03	32.2	PASS
3	10	19900	50	#0	QAM16		35.53	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		39.40	29.2	PASS
3	10	19900	50	#0	QAM16		40.61	32.2	PASS
3	10	19900	50	#0	QAM16		48.49	35.2	PASS
3	20	19300	18	#0	QPSK		52.14	35.2	PASS
3	20	19300	18	#0	QPSK		38.90	32.2	PASS
3	20	19300	18	#0	QPSK		39.25	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		43.85	29.2	PASS
3	20	19300	18	#0	QPSK		53.59	32.2	PASS
3	20	19300	18	#0	QPSK		52.24	35.2	PASS
3	20	19300	18	#Max	QPSK		52.95	35.2	PASS
3	20	19300	18	#Max	QPSK		53.59	32.2	PASS
3	20	19300	18	#Max	QPSK		47.05	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		39.26	29.2	PASS
3	20	19300	18	#Max	QPSK		38.71	32.2	PASS
3	20	19300	18	#Max	QPSK		52.75	35.2	PASS
3	20	19300	100	#0	QPSK		46.49	35.2	PASS
3	20	19300	100	#0	QPSK		43.81	32.2	PASS
3	20	19300	100	#0	QPSK		40.80	29.2	PASS
3	20	19300	100	#0	QPSK		0.00	0	PASS
3	20	19300	100	#0	QPSK		37.63	29.2	PASS
3	20	19300	100	#0	QPSK		42.61	32.2	PASS
3	20	19300	100	#0	QPSK		44.59	35.2	PASS
3	20	19300	18	#0	QAM16		51.21	35.2	PASS
3	20	19300	18	#0	QAM16		39.74	32.2	PASS
3	20	19300	18	#0	QAM16		39.96	29.2	PASS

3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		43.60	29.2	PASS
3	20	19300	18	#0	QAM16		52.47	32.2	PASS
3	20	19300	18	#0	QAM16		51.80	35.2	PASS
3	20	19300	18	#Max	QAM16		51.99	35.2	PASS
3	20	19300	18	#Max	QAM16		52.46	32.2	PASS
3	20	19300	18	#Max	QAM16		46.06	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		40.00	29.2	PASS
3	20	19300	18	#Max	QAM16		39.57	32.2	PASS
3	20	19300	18	#Max	QAM16		52.21	35.2	PASS
3	20	19300	100	#0	QAM16		45.35	35.2	PASS
3	20	19300	100	#0	QAM16		42.66	32.2	PASS
3	20	19300	100	#0	QAM16		39.66	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		37.08	29.2	PASS
3	20	19300	100	#0	QAM16		41.65	32.2	PASS
3	20	19300	100	#0	QAM16		43.38	35.2	PASS
3	20	19575	18	#0	QPSK		52.00	35.2	PASS
3	20	19575	18	#0	QPSK		39.75	32.2	PASS
3	20	19575	18	#0	QPSK		39.89	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		44.53	29.2	PASS
3	20	19575	18	#0	QPSK		53.80	32.2	PASS
3	20	19575	18	#0	QPSK		52.56	35.2	PASS
3	20	19575	18	#Max	QPSK		52.04	35.2	PASS
3	20	19575	18	#Max	QPSK		52.85	32.2	PASS
3	20	19575	18	#Max	QPSK		45.05	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		38.20	29.2	PASS
3	20	19575	18	#Max	QPSK		37.65	32.2	PASS
3	20	19575	18	#Max	QPSK		52.20	35.2	PASS
3	20	19575	100	#0	QPSK		43.03	35.2	PASS
3	20	19575	100	#0	QPSK		41.50	32.2	PASS
3	20	19575	100	#0	QPSK		36.36	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		38.11	29.2	PASS
3	20	19575	100	#0	QPSK		43.54	32.2	PASS
3	20	19575	100	#0	QPSK		44.72	35.2	PASS
3	20	19575	18	#0	QAM16		51.13	35.2	PASS
3	20	19575	18	#0	QAM16		39.69	32.2	PASS
3	20	19575	18	#0	QAM16		39.87	29.2	PASS
3	20	19575	18	#0	QAM16		0.00	0	PASS

3	20	19575	18	#0	QAM16		44.09	29.2	PASS
3	20	19575	18	#0	QAM16		52.66	32.2	PASS
3	20	19575	18	#0	QAM16		52.04	35.2	PASS
3	20	19575	18	#Max	QAM16		51.14	35.2	PASS
3	20	19575	18	#Max	QAM16		51.77	32.2	PASS
3	20	19575	18	#Max	QAM16		44.40	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		38.79	29.2	PASS
3	20	19575	18	#Max	QAM16		38.40	32.2	PASS
3	20	19575	18	#Max	QAM16		51.74	35.2	PASS
3	20	19575	100	#0	QAM16		42.18	35.2	PASS
3	20	19575	100	#0	QAM16		40.57	32.2	PASS
3	20	19575	100	#0	QAM16		35.96	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		37.70	29.2	PASS
3	20	19575	100	#0	QAM16		42.83	32.2	PASS
3	20	19575	100	#0	QAM16		43.93	35.2	PASS
3	20	19850	18	#0	QPSK		51.55	35.2	PASS
3	20	19850	18	#0	QPSK		37.05	32.2	PASS
3	20	19850	18	#0	QPSK		37.50	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		47.50	29.2	PASS
3	20	19850	18	#0	QPSK		53.89	32.2	PASS
3	20	19850	18	#0	QPSK		54.20	35.2	PASS
3	20	19850	18	#Max	QPSK		52.12	35.2	PASS
3	20	19850	18	#Max	QPSK		52.95	32.2	PASS
3	20	19850	18	#Max	QPSK		44.90	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		38.37	29.2	PASS
3	20	19850	18	#Max	QPSK		37.06	32.2	PASS
3	20	19850	18	#Max	QPSK		53.74	35.2	PASS
3	20	19850	100	#0	QPSK		41.83	35.2	PASS
3	20	19850	100	#0	QPSK		40.33	32.2	PASS
3	20	19850	100	#0	QPSK		34.85	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		41.53	29.2	PASS
3	20	19850	100	#0	QPSK		43.21	32.2	PASS
3	20	19850	100	#0	QPSK		50.00	35.2	PASS
3	20	19850	18	#0	QAM16		51.07	35.2	PASS
3	20	19850	18	#0	QAM16		37.96	32.2	PASS
3	20	19850	18	#0	QAM16		38.31	29.2	PASS
3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		46.46	29.2	PASS

3	20	19850	18	#0	QAM16		52.88	32.2	PASS
3	20	19850	18	#0	QAM16		53.15	35.2	PASS
3	20	19850	18	#Max	QAM16		51.39	35.2	PASS
3	20	19850	18	#Max	QAM16		51.96	32.2	PASS
3	20	19850	18	#Max	QAM16		44.31	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		39.56	29.2	PASS
3	20	19850	18	#Max	QAM16		38.85	32.2	PASS
3	20	19850	18	#Max	QAM16		52.77	35.2	PASS
3	20	19850	100	#0	QAM16		41.30	35.2	PASS
3	20	19850	100	#0	QAM16		39.93	32.2	PASS
3	20	19850	100	#0	QAM16		35.03	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		40.97	29.2	PASS
3	20	19850	100	#0	QAM16		42.85	32.2	PASS
3	20	19850	100	#0	QAM16		49.06	35.2	PASS
7	5	20775	8	#0	QPSK		52.63	35.2	PASS
7	5	20775	8	#0	QPSK		37.25	32.2	PASS
7	5	20775	8	#0	QPSK		34.04	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		43.96	29.2	PASS
7	5	20775	8	#0	QPSK		44.30	32.2	PASS
7	5	20775	8	#0	QPSK		53.65	35.2	PASS
7	5	20775	8	#Max	QPSK		53.40	35.2	PASS
7	5	20775	8	#Max	QPSK		46.59	32.2	PASS
7	5	20775	8	#Max	QPSK		46.15	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		31.67	29.2	PASS
7	5	20775	8	#Max	QPSK		34.91	32.2	PASS
7	5	20775	8	#Max	QPSK		52.76	35.2	PASS
7	5	20775	25	#0	QPSK		49.28	35.2	PASS
7	5	20775	25	#0	QPSK		35.41	32.2	PASS
7	5	20775	25	#0	QPSK		34.44	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		33.19	29.2	PASS
7	5	20775	25	#0	QPSK		34.05	32.2	PASS
7	5	20775	25	#0	QPSK		47.82	35.2	PASS
7	5	20775	8	#0	QAM16		52.07	35.2	PASS
7	5	20775	8	#0	QAM16		38.94	32.2	PASS
7	5	20775	8	#0	QAM16		35.60	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS
7	5	20775	8	#0	QAM16		44.75	29.2	PASS
7	5	20775	8	#0	QAM16		45.09	32.2	PASS

7	5	20775	8	#0	QAM16	52.74	35.2	PASS
7	5	20775	8	#Max	QAM16	52.44	35.2	PASS
7	5	20775	8	#Max	QAM16	46.90	32.2	PASS
7	5	20775	8	#Max	QAM16	46.48	29.2	PASS
7	5	20775	8	#Max	QAM16	0.00	0	PASS
7	5	20775	8	#Max	QAM16	34.26	29.2	PASS
7	5	20775	8	#Max	QAM16	37.41	32.2	PASS
7	5	20775	8	#Max	QAM16	52.21	35.2	PASS
7	5	20775	25	#0	QAM16	48.95	35.2	PASS
7	5	20775	25	#0	QAM16	37.71	32.2	PASS
7	5	20775	25	#0	QAM16	36.82	29.2	PASS
7	5	20775	25	#0	QAM16	0.00	0	PASS
7	5	20775	25	#0	QAM16	35.37	29.2	PASS
7	5	20775	25	#0	QAM16	36.21	32.2	PASS
7	5	20775	25	#0	QAM16	47.47	35.2	PASS
7	5	21100	8	#0	QPSK	52.61	35.2	PASS
7	5	21100	8	#0	QPSK	36.55	32.2	PASS
7	5	21100	8	#0	QPSK	33.23	29.2	PASS
7	5	21100	8	#0	QPSK	0.00	0	PASS
7	5	21100	8	#0	QPSK	44.66	29.2	PASS
7	5	21100	8	#0	QPSK	45.01	32.2	PASS
7	5	21100	8	#0	QPSK	54.04	35.2	PASS
7	5	21100	8	#Max	QPSK	53.76	35.2	PASS
7	5	21100	8	#Max	QPSK	46.46	32.2	PASS
7	5	21100	8	#Max	QPSK	45.98	29.2	PASS
7	5	21100	8	#Max	QPSK	0.00	0	PASS
7	5	21100	8	#Max	QPSK	31.30	29.2	PASS
7	5	21100	8	#Max	QPSK	34.54	32.2	PASS
7	5	21100	8	#Max	QPSK	53.18	35.2	PASS
7	5	21100	25	#0	QPSK	47.96	35.2	PASS
7	5	21100	25	#0	QPSK	35.22	32.2	PASS
7	5	21100	25	#0	QPSK	34.32	29.2	PASS
7	5	21100	25	#0	QPSK	0.00	0	PASS
7	5	21100	25	#0	QPSK	33.84	29.2	PASS
7	5	21100	25	#0	QPSK	34.69	32.2	PASS
7	5	21100	25	#0	QPSK	47.60	35.2	PASS
7	5	21100	8	#0	QAM16	52.07	35.2	PASS
7	5	21100	8	#0	QAM16	38.05	32.2	PASS
7	5	21100	8	#0	QAM16	35.02	29.2	PASS
7	5	21100	8	#0	QAM16	0.00	0	PASS
7	5	21100	8	#0	QAM16	44.68	29.2	PASS
7	5	21100	8	#0	QAM16	44.99	32.2	PASS
7	5	21100	8	#0	QAM16	53.07	35.2	PASS

7	5	21100	8	#Max	QAM16		52.68	35.2	PASS
7	5	21100	8	#Max	QAM16		46.71	32.2	PASS
7	5	21100	8	#Max	QAM16		46.30	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		33.06	29.2	PASS
7	5	21100	8	#Max	QAM16		36.20	32.2	PASS
7	5	21100	8	#Max	QAM16		52.43	35.2	PASS
7	5	21100	25	#0	QAM16		47.87	35.2	PASS
7	5	21100	25	#0	QAM16		36.90	32.2	PASS
7	5	21100	25	#0	QAM16		36.03	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		35.20	29.2	PASS
7	5	21100	25	#0	QAM16		36.04	32.2	PASS
7	5	21100	25	#0	QAM16		47.32	35.2	PASS
7	5	21425	8	#0	QPSK		52.73	35.2	PASS
7	5	21425	8	#0	QPSK		36.85	32.2	PASS
7	5	21425	8	#0	QPSK		33.70	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		43.65	29.2	PASS
7	5	21425	8	#0	QPSK		43.95	32.2	PASS
7	5	21425	8	#0	QPSK		54.55	35.2	PASS
7	5	21425	8	#Max	QPSK		54.30	35.2	PASS
7	5	21425	8	#Max	QPSK		44.72	32.2	PASS
7	5	21425	8	#Max	QPSK		44.41	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		30.50	29.2	PASS
7	5	21425	8	#Max	QPSK		33.83	32.2	PASS
7	5	21425	8	#Max	QPSK		52.67	35.2	PASS
7	5	21425	25	#0	QPSK		48.51	35.2	PASS
7	5	21425	25	#0	QPSK		36.21	32.2	PASS
7	5	21425	25	#0	QPSK		35.23	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		34.01	29.2	PASS
7	5	21425	25	#0	QPSK		34.87	32.2	PASS
7	5	21425	25	#0	QPSK		49.14	35.2	PASS
7	5	21425	8	#0	QAM16		52.60	35.2	PASS
7	5	21425	8	#0	QAM16		40.28	32.2	PASS
7	5	21425	8	#0	QAM16		37.15	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		43.99	29.2	PASS
7	5	21425	8	#0	QAM16		44.23	32.2	PASS
7	5	21425	8	#0	QAM16		53.55	35.2	PASS
7	5	21425	8	#Max	QAM16		53.06	35.2	PASS

7	5	21425	8	#Max	QAM16		45.45	32.2	PASS
7	5	21425	8	#Max	QAM16		45.15	29.2	PASS
7	5	21425	8	#Max	QAM16		0.00	0	PASS
7	5	21425	8	#Max	QAM16		35.99	29.2	PASS
7	5	21425	8	#Max	QAM16		38.95	32.2	PASS
7	5	21425	8	#Max	QAM16		52.70	35.2	PASS
7	5	21425	25	#0	QAM16		48.01	35.2	PASS
7	5	21425	25	#0	QAM16		38.64	32.2	PASS
7	5	21425	25	#0	QAM16		37.77	29.2	PASS
7	5	21425	25	#0	QAM16		0.00	0	PASS
7	5	21425	25	#0	QAM16		36.81	29.2	PASS
7	5	21425	25	#0	QAM16		37.58	32.2	PASS
7	5	21425	25	#0	QAM16		48.44	35.2	PASS
7	10	20800	12	#0	QPSK		52.67	35.2	PASS
7	10	20800	12	#0	QPSK		35.66	32.2	PASS
7	10	20800	12	#0	QPSK		35.06	29.2	PASS
7	10	20800	12	#0	QPSK		0.00	0	PASS
7	10	20800	12	#0	QPSK		44.47	29.2	PASS
7	10	20800	12	#0	QPSK		49.11	32.2	PASS
7	10	20800	12	#0	QPSK		48.56	35.2	PASS
7	10	20800	12	#Max	QPSK		50.77	35.2	PASS
7	10	20800	12	#Max	QPSK		50.90	32.2	PASS
7	10	20800	12	#Max	QPSK		46.70	29.2	PASS
7	10	20800	12	#Max	QPSK		0.00	0	PASS
7	10	20800	12	#Max	QPSK		33.40	29.2	PASS
7	10	20800	12	#Max	QPSK		33.96	32.2	PASS
7	10	20800	12	#Max	QPSK		52.57	35.2	PASS
7	10	20800	50	#0	QPSK		43.54	35.2	PASS
7	10	20800	50	#0	QPSK		35.36	32.2	PASS
7	10	20800	50	#0	QPSK		34.15	29.2	PASS
7	10	20800	50	#0	QPSK		0.00	0	PASS
7	10	20800	50	#0	QPSK		33.44	29.2	PASS
7	10	20800	50	#0	QPSK		34.84	32.2	PASS
7	10	20800	50	#0	QPSK		41.71	35.2	PASS
7	10	20800	12	#0	QAM16		52.07	35.2	PASS
7	10	20800	12	#0	QAM16		37.87	32.2	PASS
7	10	20800	12	#0	QAM16		37.19	29.2	PASS
7	10	20800	12	#0	QAM16		0.00	0	PASS
7	10	20800	12	#0	QAM16		44.67	29.2	PASS
7	10	20800	12	#0	QAM16		49.28	32.2	PASS
7	10	20800	12	#0	QAM16		48.74	35.2	PASS
7	10	20800	12	#Max	QAM16		50.71	35.2	PASS
7	10	20800	12	#Max	QAM16		50.75	32.2	PASS

7	10	20800	12	#Max	QAM16		46.65	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		35.46	29.2	PASS
7	10	20800	12	#Max	QAM16		36.11	32.2	PASS
7	10	20800	12	#Max	QAM16		52.08	35.2	PASS
7	10	20800	50	#0	QAM16		45.06	35.2	PASS
7	10	20800	50	#0	QAM16		37.31	32.2	PASS
7	10	20800	50	#0	QAM16		36.04	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		35.07	29.2	PASS
7	10	20800	50	#0	QAM16		36.47	32.2	PASS
7	10	20800	50	#0	QAM16		43.41	35.2	PASS
7	10	21100	12	#0	QPSK		51.96	35.2	PASS
7	10	21100	12	#0	QPSK		36.56	32.2	PASS
7	10	21100	12	#0	QPSK		35.97	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		43.69	29.2	PASS
7	10	21100	12	#0	QPSK		48.32	32.2	PASS
7	10	21100	12	#0	QPSK		47.66	35.2	PASS
7	10	21100	12	#Max	QPSK		49.75	35.2	PASS
7	10	21100	12	#Max	QPSK		50.28	32.2	PASS
7	10	21100	12	#Max	QPSK		45.90	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		33.29	29.2	PASS
7	10	21100	12	#Max	QPSK		33.81	32.2	PASS
7	10	21100	12	#Max	QPSK		52.20	35.2	PASS
7	10	21100	50	#0	QPSK		42.80	35.2	PASS
7	10	21100	50	#0	QPSK		35.73	32.2	PASS
7	10	21100	50	#0	QPSK		34.35	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		33.97	29.2	PASS
7	10	21100	50	#0	QPSK		35.43	32.2	PASS
7	10	21100	50	#0	QPSK		42.31	35.2	PASS
7	10	21100	12	#0	QAM16		51.25	35.2	PASS
7	10	21100	12	#0	QAM16		38.55	32.2	PASS
7	10	21100	12	#0	QAM16		37.78	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		44.04	29.2	PASS
7	10	21100	12	#0	QAM16		48.53	32.2	PASS
7	10	21100	12	#0	QAM16		48.24	35.2	PASS
7	10	21100	12	#Max	QAM16		49.56	35.2	PASS
7	10	21100	12	#Max	QAM16		50.34	32.2	PASS
7	10	21100	12	#Max	QAM16		45.78	29.2	PASS

7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		34.83	29.2	PASS
7	10	21100	12	#Max	QAM16		35.55	32.2	PASS
7	10	21100	12	#Max	QAM16		51.64	35.2	PASS
7	10	21100	50	#0	QAM16		43.59	35.2	PASS
7	10	21100	50	#0	QAM16		37.18	32.2	PASS
7	10	21100	50	#0	QAM16		35.64	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		35.35	29.2	PASS
7	10	21100	50	#0	QAM16		36.81	32.2	PASS
7	10	21100	50	#0	QAM16		43.46	35.2	PASS
7	10	21400	12	#0	QPSK		51.81	35.2	PASS
7	10	21400	12	#0	QPSK		36.45	32.2	PASS
7	10	21400	12	#0	QPSK		35.83	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		43.23	29.2	PASS
7	10	21400	12	#0	QPSK		48.21	32.2	PASS
7	10	21400	12	#0	QPSK		47.04	35.2	PASS
7	10	21400	12	#Max	QPSK		47.31	35.2	PASS
7	10	21400	12	#Max	QPSK		48.38	32.2	PASS
7	10	21400	12	#Max	QPSK		43.48	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		35.59	29.2	PASS
7	10	21400	12	#Max	QPSK		36.16	32.2	PASS
7	10	21400	12	#Max	QPSK		52.14	35.2	PASS
7	10	21400	50	#0	QPSK		44.68	35.2	PASS
7	10	21400	50	#0	QPSK		38.45	32.2	PASS
7	10	21400	50	#0	QPSK		36.85	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		36.58	29.2	PASS
7	10	21400	50	#0	QPSK		38.16	32.2	PASS
7	10	21400	50	#0	QPSK		44.73	35.2	PASS
7	10	21400	12	#0	QAM16		51.03	35.2	PASS
7	10	21400	12	#0	QAM16		39.33	32.2	PASS
7	10	21400	12	#0	QAM16		38.52	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		43.56	29.2	PASS
7	10	21400	12	#0	QAM16		48.38	32.2	PASS
7	10	21400	12	#0	QAM16		47.50	35.2	PASS
7	10	21400	12	#Max	QAM16		47.34	35.2	PASS
7	10	21400	12	#Max	QAM16		48.52	32.2	PASS
7	10	21400	12	#Max	QAM16		43.60	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS

7	10	21400	12	#Max	QAM16		37.94	29.2	PASS
7	10	21400	12	#Max	QAM16		38.72	32.2	PASS
7	10	21400	12	#Max	QAM16		51.52	35.2	PASS
7	10	21400	50	#0	QAM16		44.49	35.2	PASS
7	10	21400	50	#0	QAM16		39.10	32.2	PASS
7	10	21400	50	#0	QAM16		37.34	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		37.40	29.2	PASS
7	10	21400	50	#0	QAM16		38.98	32.2	PASS
7	10	21400	50	#0	QAM16		45.44	35.2	PASS
7	20	20850	18	#0	QPSK		51.19	35.2	PASS
7	20	20850	18	#0	QPSK		35.94	32.2	PASS
7	20	20850	18	#0	QPSK		37.95	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		43.71	29.2	PASS
7	20	20850	18	#0	QPSK		53.07	32.2	PASS
7	20	20850	18	#0	QPSK		52.15	35.2	PASS
7	20	20850	18	#Max	QPSK		51.57	35.2	PASS
7	20	20850	18	#Max	QPSK		52.45	32.2	PASS
7	20	20850	18	#Max	QPSK		44.89	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		38.28	29.2	PASS
7	20	20850	18	#Max	QPSK		36.70	32.2	PASS
7	20	20850	18	#Max	QPSK		51.01	35.2	PASS
7	20	20850	100	#0	QPSK		42.33	35.2	PASS
7	20	20850	100	#0	QPSK		39.12	32.2	PASS
7	20	20850	100	#0	QPSK		36.25	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		36.81	29.2	PASS
7	20	20850	100	#0	QPSK		41.11	32.2	PASS
7	20	20850	100	#0	QPSK		43.17	35.2	PASS
7	20	20850	18	#0	QAM16		49.94	35.2	PASS
7	20	20850	18	#0	QAM16		38.99	32.2	PASS
7	20	20850	18	#0	QAM16		39.84	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		43.10	29.2	PASS
7	20	20850	18	#0	QAM16		51.70	32.2	PASS
7	20	20850	18	#0	QAM16		51.15	35.2	PASS
7	20	20850	18	#Max	QAM16		50.34	35.2	PASS
7	20	20850	18	#Max	QAM16		51.04	32.2	PASS
7	20	20850	18	#Max	QAM16		43.94	29.2	PASS
7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		39.88	29.2	PASS

7	20	20850	18	#Max	QAM16		39.75	32.2	PASS
7	20	20850	18	#Max	QAM16		49.96	35.2	PASS
7	20	20850	100	#0	QAM16		42.67	35.2	PASS
7	20	20850	100	#0	QAM16		39.25	32.2	PASS
7	20	20850	100	#0	QAM16		36.46	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		36.71	29.2	PASS
7	20	20850	100	#0	QAM16		40.93	32.2	PASS
7	20	20850	100	#0	QAM16		42.93	35.2	PASS
7	20	21100	18	#0	QPSK		50.62	35.2	PASS
7	20	21100	18	#0	QPSK		38.66	32.2	PASS
7	20	21100	18	#0	QPSK		39.76	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		43.58	29.2	PASS
7	20	21100	18	#0	QPSK		52.92	32.2	PASS
7	20	21100	18	#0	QPSK		51.67	35.2	PASS
7	20	21100	18	#Max	QPSK		51.62	35.2	PASS
7	20	21100	18	#Max	QPSK		52.72	32.2	PASS
7	20	21100	18	#Max	QPSK		44.47	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		36.60	29.2	PASS
7	20	21100	18	#Max	QPSK		35.02	32.2	PASS
7	20	21100	18	#Max	QPSK		50.84	35.2	PASS
7	20	21100	100	#0	QPSK		39.47	35.2	PASS
7	20	21100	100	#0	QPSK		37.06	32.2	PASS
7	20	21100	100	#0	QPSK		33.54	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		34.77	29.2	PASS
7	20	21100	100	#0	QPSK		37.91	32.2	PASS
7	20	21100	100	#0	QPSK		40.76	35.2	PASS
7	20	21100	18	#0	QAM16		49.62	35.2	PASS
7	20	21100	18	#0	QAM16		39.73	32.2	PASS
7	20	21100	18	#0	QAM16		40.24	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		43.08	29.2	PASS
7	20	21100	18	#0	QAM16		51.80	32.2	PASS
7	20	21100	18	#0	QAM16		51.15	35.2	PASS
7	20	21100	18	#Max	QAM16		50.59	35.2	PASS
7	20	21100	18	#Max	QAM16		51.39	32.2	PASS
7	20	21100	18	#Max	QAM16		43.73	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS
7	20	21100	18	#Max	QAM16		37.85	29.2	PASS
7	20	21100	18	#Max	QAM16		36.57	32.2	PASS

7	20	21100	18	#Max	QAM16		50.33	35.2	PASS
7	20	21100	100	#0	QAM16		41.12	35.2	PASS
7	20	21100	100	#0	QAM16		39.13	32.2	PASS
7	20	21100	100	#0	QAM16		35.10	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		36.26	29.2	PASS
7	20	21100	100	#0	QAM16		39.50	32.2	PASS
7	20	21100	100	#0	QAM16		42.29	35.2	PASS
7	20	21350	18	#0	QPSK		49.18	35.2	PASS
7	20	21350	18	#0	QPSK		33.65	32.2	PASS
7	20	21350	18	#0	QPSK		35.35	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		44.88	29.2	PASS
7	20	21350	18	#0	QPSK		53.50	32.2	PASS
7	20	21350	18	#0	QPSK		52.49	35.2	PASS
7	20	21350	18	#Max	QPSK		50.35	35.2	PASS
7	20	21350	18	#Max	QPSK		52.59	32.2	PASS
7	20	21350	18	#Max	QPSK		41.90	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		38.55	29.2	PASS
7	20	21350	18	#Max	QPSK		37.10	32.2	PASS
7	20	21350	18	#Max	QPSK		50.97	35.2	PASS
7	20	21350	100	#0	QPSK		38.64	35.2	PASS
7	20	21350	100	#0	QPSK		37.62	32.2	PASS
7	20	21350	100	#0	QPSK		33.37	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		35.57	29.2	PASS
7	20	21350	100	#0	QPSK		38.95	32.2	PASS
7	20	21350	100	#0	QPSK		41.19	35.2	PASS
7	20	21350	18	#0	QAM16		49.19	35.2	PASS
7	20	21350	18	#0	QAM16		36.18	32.2	PASS
7	20	21350	18	#0	QAM16		37.23	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		44.28	29.2	PASS
7	20	21350	18	#0	QAM16		52.34	32.2	PASS
7	20	21350	18	#0	QAM16		51.85	35.2	PASS
7	20	21350	18	#Max	QAM16		50.17	35.2	PASS
7	20	21350	18	#Max	QAM16		51.60	32.2	PASS
7	20	21350	18	#Max	QAM16		42.18	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		40.48	29.2	PASS
7	20	21350	18	#Max	QAM16		39.81	32.2	PASS
7	20	21350	18	#Max	QAM16		50.70	35.2	PASS

7	20	21350	100	#0	QAM16		40.43	35.2	PASS
7	20	21350	100	#0	QAM16		39.29	32.2	PASS
7	20	21350	100	#0	QAM16		34.87	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		37.57	29.2	PASS
7	20	21350	100	#0	QAM16		41.38	32.2	PASS
7	20	21350	100	#0	QAM16		43.29	35.2	PASS
8	1.4	21457	5	#0	QPSK		44.08	32.2	PASS
8	1.4	21457	5	#0	QPSK		36.10	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		39.61	29.2	PASS
8	1.4	21457	5	#0	QPSK		48.05	32.2	PASS
8	1.4	21457	5	#Max	QPSK		47.95	32.2	PASS
8	1.4	21457	5	#Max	QPSK		39.89	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		35.70	29.2	PASS
8	1.4	21457	5	#Max	QPSK		43.89	32.2	PASS
8	1.4	21457	6	#0	QPSK		45.39	32.2	PASS
8	1.4	21457	6	#0	QPSK		40.65	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		40.72	29.2	PASS
8	1.4	21457	6	#0	QPSK		46.08	32.2	PASS
8	1.4	21457	5	#0	QAM16		45.95	32.2	PASS
8	1.4	21457	5	#0	QAM16		38.64	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		42.62	29.2	PASS
8	1.4	21457	5	#0	QAM16		49.16	32.2	PASS
8	1.4	21457	5	#Max	QAM16		48.98	32.2	PASS
8	1.4	21457	5	#Max	QAM16		42.61	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		38.64	29.2	PASS
8	1.4	21457	5	#Max	QAM16		46.11	32.2	PASS
8	1.4	21457	6	#0	QAM16		47.28	32.2	PASS
8	1.4	21457	6	#0	QAM16		43.71	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		43.30	29.2	PASS
8	1.4	21457	6	#0	QAM16		47.53	32.2	PASS
8	1.4	21625	5	#0	QPSK		44.57	32.2	PASS
8	1.4	21625	5	#0	QPSK		38.29	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		41.69	29.2	PASS
8	1.4	21625	5	#0	QPSK		48.43	32.2	PASS
8	1.4	21625	5	#Max	QPSK		47.18	32.2	PASS

8	1.4	21625	5	#Max	QPSK		40.79	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		37.55	29.2	PASS
8	1.4	21625	5	#Max	QPSK		45.05	32.2	PASS
8	1.4	21625	6	#0	QPSK		44.82	32.2	PASS
8	1.4	21625	6	#0	QPSK		41.18	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		41.03	29.2	PASS
8	1.4	21625	6	#0	QPSK		45.85	32.2	PASS
8	1.4	21625	5	#0	QAM16		45.66	32.2	PASS
8	1.4	21625	5	#0	QAM16		39.65	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		42.48	29.2	PASS
8	1.4	21625	5	#0	QAM16		48.89	32.2	PASS
8	1.4	21625	5	#Max	QAM16		48.20	32.2	PASS
8	1.4	21625	5	#Max	QAM16		42.42	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		39.18	29.2	PASS
8	1.4	21625	5	#Max	QAM16		45.91	32.2	PASS
8	1.4	21625	6	#0	QAM16		46.92	32.2	PASS
8	1.4	21625	6	#0	QAM16		43.84	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		44.02	29.2	PASS
8	1.4	21625	6	#0	QAM16		47.52	32.2	PASS
8	1.4	21793	5	#0	QPSK		42.75	32.2	PASS
8	1.4	21793	5	#0	QPSK		35.43	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		40.59	29.2	PASS
8	1.4	21793	5	#0	QPSK		47.27	32.2	PASS
8	1.4	21793	5	#Max	QPSK		45.86	32.2	PASS
8	1.4	21793	5	#Max	QPSK		38.65	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		36.50	29.2	PASS
8	1.4	21793	5	#Max	QPSK		43.29	32.2	PASS
8	1.4	21793	6	#0	QPSK		44.16	32.2	PASS
8	1.4	21793	6	#0	QPSK		38.93	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		40.81	29.2	PASS
8	1.4	21793	6	#0	QPSK		45.38	32.2	PASS
8	1.4	21793	5	#0	QAM16		45.65	32.2	PASS
8	1.4	21793	5	#0	QAM16		38.79	29.2	PASS
8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		43.47	29.2	PASS

8	1.4	21793	5	#0	QAM16		48.92	32.2	PASS
8	1.4	21793	5	#Max	QAM16		48.01	32.2	PASS
8	1.4	21793	5	#Max	QAM16		42.35	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		39.89	29.2	PASS
8	1.4	21793	5	#Max	QAM16		46.03	32.2	PASS
8	1.4	21793	6	#0	QAM16		46.13	32.2	PASS
8	1.4	21793	6	#0	QAM16		41.72	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		43.29	29.2	PASS
8	1.4	21793	6	#0	QAM16		47.13	32.2	PASS
8	5	21475	8	#0	QPSK		54.63	35.2	PASS
8	5	21475	8	#0	QPSK		40.63	32.2	PASS
8	5	21475	8	#0	QPSK		37.52	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.68	29.2	PASS
8	5	21475	8	#0	QPSK		51.17	32.2	PASS
8	5	21475	8	#0	QPSK		55.10	35.2	PASS
8	5	21475	8	#Max	QPSK		54.70	35.2	PASS
8	5	21475	8	#Max	QPSK		49.86	32.2	PASS
8	5	21475	8	#Max	QPSK		49.42	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		38.08	29.2	PASS
8	5	21475	8	#Max	QPSK		41.40	32.2	PASS
8	5	21475	8	#Max	QPSK		54.40	35.2	PASS
8	5	21475	25	#0	QPSK		53.37	35.2	PASS
8	5	21475	25	#0	QPSK		38.95	32.2	PASS
8	5	21475	25	#0	QPSK		38.08	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		39.81	29.2	PASS
8	5	21475	25	#0	QPSK		40.81	32.2	PASS
8	5	21475	25	#0	QPSK		52.74	35.2	PASS
8	5	21475	8	#0	QAM16		53.57	35.2	PASS
8	5	21475	8	#0	QAM16		43.40	32.2	PASS
8	5	21475	8	#0	QAM16		40.07	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		50.54	29.2	PASS
8	5	21475	8	#0	QAM16		51.08	32.2	PASS
8	5	21475	8	#0	QAM16		54.03	35.2	PASS
8	5	21475	8	#Max	QAM16		53.54	35.2	PASS
8	5	21475	8	#Max	QAM16		49.90	32.2	PASS
8	5	21475	8	#Max	QAM16		49.38	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS

8	5	21475	8	#Max	QAM16		40.91	29.2	PASS
8	5	21475	8	#Max	QAM16		44.23	32.2	PASS
8	5	21475	8	#Max	QAM16		53.51	35.2	PASS
8	5	21475	25	#0	QAM16		52.44	35.2	PASS
8	5	21475	25	#0	QAM16		41.44	32.2	PASS
8	5	21475	25	#0	QAM16		40.46	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		41.95	29.2	PASS
8	5	21475	25	#0	QAM16		42.94	32.2	PASS
8	5	21475	25	#0	QAM16		52.18	35.2	PASS
8	5	21625	8	#0	QPSK		54.19	35.2	PASS
8	5	21625	8	#0	QPSK		44.74	32.2	PASS
8	5	21625	8	#0	QPSK		42.09	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		50.13	29.2	PASS
8	5	21625	8	#0	QPSK		50.62	32.2	PASS
8	5	21625	8	#0	QPSK		54.72	35.2	PASS
8	5	21625	8	#Max	QPSK		54.43	35.2	PASS
8	5	21625	8	#Max	QPSK		50.04	32.2	PASS
8	5	21625	8	#Max	QPSK		49.56	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		37.81	29.2	PASS
8	5	21625	8	#Max	QPSK		41.49	32.2	PASS
8	5	21625	8	#Max	QPSK		54.54	35.2	PASS
8	5	21625	25	#0	QPSK		51.34	35.2	PASS
8	5	21625	25	#0	QPSK		43.26	32.2	PASS
8	5	21625	25	#0	QPSK		42.29	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		40.78	29.2	PASS
8	5	21625	25	#0	QPSK		41.77	32.2	PASS
8	5	21625	25	#0	QPSK		53.25	35.2	PASS
8	5	21625	8	#0	QAM16		53.13	35.2	PASS
8	5	21625	8	#0	QAM16		45.46	32.2	PASS
8	5	21625	8	#0	QAM16		43.11	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		49.70	29.2	PASS
8	5	21625	8	#0	QAM16		50.21	32.2	PASS
8	5	21625	8	#0	QAM16		53.60	35.2	PASS
8	5	21625	8	#Max	QAM16		53.16	35.2	PASS
8	5	21625	8	#Max	QAM16		49.79	32.2	PASS
8	5	21625	8	#Max	QAM16		49.26	29.2	PASS
8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		39.57	29.2	PASS

8	5	21625	8	#Max	QAM16		43.31	32.2	PASS
8	5	21625	8	#Max	QAM16		53.37	35.2	PASS
8	5	21625	25	#0	QAM16		50.81	35.2	PASS
8	5	21625	25	#0	QAM16		43.59	32.2	PASS
8	5	21625	25	#0	QAM16		42.67	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		41.76	29.2	PASS
8	5	21625	25	#0	QAM16		42.72	32.2	PASS
8	5	21625	25	#0	QAM16		52.31	35.2	PASS
8	5	21775	8	#0	QPSK		53.44	35.2	PASS
8	5	21775	8	#0	QPSK		41.41	32.2	PASS
8	5	21775	8	#0	QPSK		38.22	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		50.61	29.2	PASS
8	5	21775	8	#0	QPSK		51.16	32.2	PASS
8	5	21775	8	#0	QPSK		54.19	35.2	PASS
8	5	21775	8	#Max	QPSK		53.58	35.2	PASS
8	5	21775	8	#Max	QPSK		48.04	32.2	PASS
8	5	21775	8	#Max	QPSK		47.67	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		37.26	29.2	PASS
8	5	21775	8	#Max	QPSK		40.60	32.2	PASS
8	5	21775	8	#Max	QPSK		54.14	35.2	PASS
8	5	21775	25	#0	QPSK		47.91	35.2	PASS
8	5	21775	25	#0	QPSK		44.11	32.2	PASS
8	5	21775	25	#0	QPSK		42.92	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		38.80	29.2	PASS
8	5	21775	25	#0	QPSK		39.68	32.2	PASS
8	5	21775	25	#0	QPSK		49.10	35.2	PASS
8	5	21775	8	#0	QAM16		47.94	35.2	PASS
8	5	21775	8	#0	QAM16		44.97	32.2	PASS
8	5	21775	8	#0	QAM16		43.36	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		46.31	29.2	PASS
8	5	21775	8	#0	QAM16		46.92	32.2	PASS
8	5	21775	8	#0	QAM16		48.37	35.2	PASS
8	5	21775	8	#Max	QAM16		49.20	35.2	PASS
8	5	21775	8	#Max	QAM16		47.96	32.2	PASS
8	5	21775	8	#Max	QAM16		47.36	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS
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8	5	21775	8	#Max	QAM16		42.46	32.2	PASS

8	5	21775	8	#Max	QAM16		49.73	35.2	PASS
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8	5	21775	25	#0	QAM16		44.59	32.2	PASS
8	5	21775	25	#0	QAM16		43.59	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		39.69	29.2	PASS
8	5	21775	25	#0	QAM16		40.47	32.2	PASS
8	5	21775	25	#0	QAM16		48.05	35.2	PASS
8	10	21500	12	#0	QPSK		54.16	35.2	PASS
8	10	21500	12	#0	QPSK		39.70	32.2	PASS
8	10	21500	12	#0	QPSK		39.08	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		48.38	29.2	PASS
8	10	21500	12	#0	QPSK		52.79	32.2	PASS
8	10	21500	12	#0	QPSK		52.22	35.2	PASS
8	10	21500	12	#Max	QPSK		52.72	35.2	PASS
8	10	21500	12	#Max	QPSK		51.66	32.2	PASS
8	10	21500	12	#Max	QPSK		48.11	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		43.59	29.2	PASS
8	10	21500	12	#Max	QPSK		44.53	32.2	PASS
8	10	21500	12	#Max	QPSK		53.85	35.2	PASS
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8	10	21500	50	#0	QPSK		37.67	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		41.50	29.2	PASS
8	10	21500	50	#0	QPSK		43.74	32.2	PASS
8	10	21500	50	#0	QPSK		47.05	35.2	PASS
8	10	21500	12	#0	QAM16		53.21	35.2	PASS
8	10	21500	12	#0	QAM16		41.57	32.2	PASS
8	10	21500	12	#0	QAM16		40.77	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		48.31	29.2	PASS
8	10	21500	12	#0	QAM16		52.35	32.2	PASS
8	10	21500	12	#0	QAM16		52.16	35.2	PASS
8	10	21500	12	#Max	QAM16		52.19	35.2	PASS
8	10	21500	12	#Max	QAM16		51.23	32.2	PASS
8	10	21500	12	#Max	QAM16		47.69	29.2	PASS
8	10	21500	12	#Max	QAM16		0.00	0	PASS
8	10	21500	12	#Max	QAM16		44.47	29.2	PASS
8	10	21500	12	#Max	QAM16		45.72	32.2	PASS
8	10	21500	12	#Max	QAM16		53.09	35.2	PASS

8	10	21500	50	#0	QAM16		48.97	35.2	PASS
8	10	21500	50	#0	QAM16		39.43	32.2	PASS
8	10	21500	50	#0	QAM16		38.36	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		41.57	29.2	PASS
8	10	21500	50	#0	QAM16		43.84	32.2	PASS
8	10	21500	50	#0	QAM16		47.26	35.2	PASS
8	10	21625	12	#0	QPSK		53.49	35.2	PASS
8	10	21625	12	#0	QPSK		46.70	32.2	PASS
8	10	21625	12	#0	QPSK		45.47	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		48.30	29.2	PASS
8	10	21625	12	#0	QPSK		52.72	32.2	PASS
8	10	21625	12	#0	QPSK		52.11	35.2	PASS
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8	10	21625	12	#Max	QPSK		52.09	32.2	PASS
8	10	21625	12	#Max	QPSK		47.77	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		39.89	29.2	PASS
8	10	21625	12	#Max	QPSK		40.55	32.2	PASS
8	10	21625	12	#Max	QPSK		54.03	35.2	PASS
8	10	21625	50	#0	QPSK		48.81	35.2	PASS
8	10	21625	50	#0	QPSK		45.94	32.2	PASS
8	10	21625	50	#0	QPSK		43.58	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		40.84	29.2	PASS
8	10	21625	50	#0	QPSK		42.89	32.2	PASS
8	10	21625	50	#0	QPSK		47.42	35.2	PASS
8	10	21625	12	#0	QAM16		52.75	35.2	PASS
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8	10	21625	12	#0	QAM16		45.16	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.94	29.2	PASS
8	10	21625	12	#0	QAM16		52.26	32.2	PASS
8	10	21625	12	#0	QAM16		51.72	35.2	PASS
8	10	21625	12	#Max	QAM16		51.23	35.2	PASS
8	10	21625	12	#Max	QAM16		51.58	32.2	PASS
8	10	21625	12	#Max	QAM16		47.45	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		41.76	29.2	PASS
8	10	21625	12	#Max	QAM16		42.76	32.2	PASS
8	10	21625	12	#Max	QAM16		53.14	35.2	PASS
8	10	21625	50	#0	QAM16		48.58	35.2	PASS

8	10	21625	50	#0	QAM16		46.29	32.2	PASS
8	10	21625	50	#0	QAM16		43.64	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		41.91	29.2	PASS
8	10	21625	50	#0	QAM16		43.80	32.2	PASS
8	10	21625	50	#0	QAM16		48.94	35.2	PASS
8	10	21750	12	#0	QPSK		53.01	35.2	PASS
8	10	21750	12	#0	QPSK		43.14	32.2	PASS
8	10	21750	12	#0	QPSK		42.26	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		50.62	29.2	PASS
8	10	21750	12	#0	QPSK		53.87	32.2	PASS
8	10	21750	12	#0	QPSK		54.78	35.2	PASS
8	10	21750	12	#Max	QPSK		50.33	35.2	PASS
8	10	21750	12	#Max	QPSK		51.72	32.2	PASS
8	10	21750	12	#Max	QPSK		46.91	29.2	PASS
8	10	21750	12	#Max	QPSK		0.00	0	PASS
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8	10	21750	12	#Max	QPSK		41.17	32.2	PASS
8	10	21750	12	#Max	QPSK		54.96	35.2	PASS
8	10	21750	50	#0	QPSK		47.77	35.2	PASS
8	10	21750	50	#0	QPSK		45.63	32.2	PASS
8	10	21750	50	#0	QPSK		42.74	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		43.97	29.2	PASS
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8	10	21750	50	#0	QPSK		53.76	35.2	PASS
8	10	21750	12	#0	QAM16		52.25	35.2	PASS
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8	10	21750	12	#0	QAM16		43.21	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		49.73	29.2	PASS
8	10	21750	12	#0	QAM16		53.02	32.2	PASS
8	10	21750	12	#0	QAM16		53.82	35.2	PASS
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8	10	21750	12	#Max	QAM16		46.47	29.2	PASS
8	10	21750	12	#Max	QAM16		0.00	0	PASS
8	10	21750	12	#Max	QAM16		42.15	29.2	PASS
8	10	21750	12	#Max	QAM16		43.22	32.2	PASS
8	10	21750	12	#Max	QAM16		53.89	35.2	PASS
8	10	21750	50	#0	QAM16		48.29	35.2	PASS
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8	10	21750	50	#0	QAM16		43.19	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		44.35	29.2	PASS
8	10	21750	50	#0	QAM16		45.43	32.2	PASS
8	10	21750	50	#0	QAM16		52.79	35.2	PASS
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20	5	24175	8	#0	QPSK		42.52	29.2	PASS
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20	5	24175	8	#Max	QPSK		54.65	35.2	PASS
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20	5	24175	8	#Max	QPSK		50.17	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
20	5	24175	8	#Max	QPSK		44.11	29.2	PASS
20	5	24175	8	#Max	QPSK		46.26	32.2	PASS
20	5	24175	8	#Max	QPSK		54.48	35.2	PASS
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20	5	24175	25	#0	QPSK		44.13	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		42.61	29.2	PASS
20	5	24175	25	#0	QPSK		43.28	32.2	PASS
20	5	24175	25	#0	QPSK		51.14	35.2	PASS
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20	5	24175	8	#0	QAM16		44.26	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
20	5	24175	8	#0	QAM16		48.32	29.2	PASS
20	5	24175	8	#0	QAM16		48.79	32.2	PASS
20	5	24175	8	#0	QAM16		53.82	35.2	PASS
20	5	24175	8	#Max	QAM16		53.71	35.2	PASS
20	5	24175	8	#Max	QAM16		50.57	32.2	PASS
20	5	24175	8	#Max	QAM16		50.05	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
20	5	24175	8	#Max	QAM16		45.41	29.2	PASS
20	5	24175	8	#Max	QAM16		47.20	32.2	PASS
20	5	24175	8	#Max	QAM16		53.68	35.2	PASS
20	5	24175	25	#0	QAM16		52.69	35.2	PASS
20	5	24175	25	#0	QAM16		46.15	32.2	PASS
20	5	24175	25	#0	QAM16		45.31	29.2	PASS

20	5	24175	25	#0	QAM16		0.00	0	PASS
20	5	24175	25	#0	QAM16		43.26	29.2	PASS
20	5	24175	25	#0	QAM16		43.97	32.2	PASS
20	5	24175	25	#0	QAM16		50.91	35.2	PASS
20	5	24300	8	#0	QPSK		53.92	35.2	PASS
20	5	24300	8	#0	QPSK		42.38	32.2	PASS
20	5	24300	8	#0	QPSK		39.46	29.2	PASS
20	5	24300	8	#0	QPSK		0.00	0	PASS
20	5	24300	8	#0	QPSK		49.12	29.2	PASS
20	5	24300	8	#0	QPSK		49.52	32.2	PASS
20	5	24300	8	#0	QPSK		54.51	35.2	PASS
20	5	24300	8	#Max	QPSK		53.99	35.2	PASS
20	5	24300	8	#Max	QPSK		47.27	32.2	PASS
20	5	24300	8	#Max	QPSK		46.92	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		47.33	32.2	PASS
20	5	24300	8	#Max	QPSK		53.53	35.2	PASS
20	5	24300	25	#0	QPSK		52.67	35.2	PASS
20	5	24300	25	#0	QPSK		41.29	32.2	PASS
20	5	24300	25	#0	QPSK		40.59	29.2	PASS
20	5	24300	25	#0	QPSK		0.00	0	PASS
20	5	24300	25	#0	QPSK		44.11	29.2	PASS
20	5	24300	25	#0	QPSK		45.10	32.2	PASS
20	5	24300	25	#0	QPSK		50.99	35.2	PASS
20	5	24300	8	#0	QAM16		53.00	35.2	PASS
20	5	24300	8	#0	QAM16		43.94	32.2	PASS
20	5	24300	8	#0	QAM16		41.19	29.2	PASS
20	5	24300	8	#0	QAM16		0.00	0	PASS
20	5	24300	8	#0	QAM16		49.04	29.2	PASS
20	5	24300	8	#0	QAM16		49.49	32.2	PASS
20	5	24300	8	#0	QAM16		53.54	35.2	PASS
20	5	24300	8	#Max	QAM16		53.03	35.2	PASS
20	5	24300	8	#Max	QAM16		47.52	32.2	PASS
20	5	24300	8	#Max	QAM16		47.13	29.2	PASS
20	5	24300	8	#Max	QAM16		0.00	0	PASS
20	5	24300	8	#Max	QAM16		45.20	29.2	PASS
20	5	24300	8	#Max	QAM16		47.40	32.2	PASS
20	5	24300	8	#Max	QAM16		52.80	35.2	PASS
20	5	24300	25	#0	QAM16		51.68	35.2	PASS
20	5	24300	25	#0	QAM16		42.21	32.2	PASS
20	5	24300	25	#0	QAM16		41.42	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS

20	5	24300	25	#0	QAM16		43.46	29.2	PASS
20	5	24300	25	#0	QAM16		44.38	32.2	PASS
20	5	24300	25	#0	QAM16		50.48	35.2	PASS
20	5	24425	8	#0	QPSK		53.88	35.2	PASS
20	5	24425	8	#0	QPSK		38.59	32.2	PASS
20	5	24425	8	#0	QPSK		35.33	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		50.44	29.2	PASS
20	5	24425	8	#0	QPSK		50.92	32.2	PASS
20	5	24425	8	#0	QPSK		54.38	35.2	PASS
20	5	24425	8	#Max	QPSK		54.06	35.2	PASS
20	5	24425	8	#Max	QPSK		47.46	32.2	PASS
20	5	24425	8	#Max	QPSK		47.13	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		37.36	29.2	PASS
20	5	24425	8	#Max	QPSK		40.85	32.2	PASS
20	5	24425	8	#Max	QPSK		53.89	35.2	PASS
20	5	24425	25	#0	QPSK		50.21	35.2	PASS
20	5	24425	25	#0	QPSK		37.08	32.2	PASS
20	5	24425	25	#0	QPSK		36.23	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		39.59	29.2	PASS
20	5	24425	25	#0	QPSK		40.67	32.2	PASS
20	5	24425	25	#0	QPSK		51.76	35.2	PASS
20	5	24425	8	#0	QAM16		52.94	35.2	PASS
20	5	24425	8	#0	QAM16		41.42	32.2	PASS
20	5	24425	8	#0	QAM16		38.31	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		50.30	29.2	PASS
20	5	24425	8	#0	QAM16		50.86	32.2	PASS
20	5	24425	8	#0	QAM16		53.39	35.2	PASS
20	5	24425	8	#Max	QAM16		53.03	35.2	PASS
20	5	24425	8	#Max	QAM16		47.89	32.2	PASS
20	5	24425	8	#Max	QAM16		47.48	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		40.47	29.2	PASS
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20	5	24425	8	#Max	QAM16		53.10	35.2	PASS
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20	5	24425	25	#0	QAM16		38.48	32.2	PASS
20	5	24425	25	#0	QAM16		37.66	29.2	PASS
20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		41.29	29.2	PASS

20	5	24425	25	#0	QAM16		42.36	32.2	PASS
20	5	24425	25	#0	QAM16		51.22	35.2	PASS
20	10	24200	12	#0	QPSK		54.35	35.2	PASS
20	10	24200	12	#0	QPSK		44.74	32.2	PASS
20	10	24200	12	#0	QPSK		43.90	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		48.22	29.2	PASS
20	10	24200	12	#0	QPSK		52.25	32.2	PASS
20	10	24200	12	#0	QPSK		52.39	35.2	PASS
20	10	24200	12	#Max	QPSK		54.15	35.2	PASS
20	10	24200	12	#Max	QPSK		53.49	32.2	PASS
20	10	24200	12	#Max	QPSK		50.04	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
20	10	24200	12	#Max	QPSK		41.46	29.2	PASS
20	10	24200	12	#Max	QPSK		42.16	32.2	PASS
20	10	24200	12	#Max	QPSK		54.44	35.2	PASS
20	10	24200	50	#0	QPSK		52.71	35.2	PASS
20	10	24200	50	#0	QPSK		46.26	32.2	PASS
20	10	24200	50	#0	QPSK		44.87	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		40.52	29.2	PASS
20	10	24200	50	#0	QPSK		42.54	32.2	PASS
20	10	24200	50	#0	QPSK		46.94	35.2	PASS
20	10	24200	12	#0	QAM16		53.37	35.2	PASS
20	10	24200	12	#0	QAM16		45.70	32.2	PASS
20	10	24200	12	#0	QAM16		44.54	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		47.78	29.2	PASS
20	10	24200	12	#0	QAM16		51.70	32.2	PASS
20	10	24200	12	#0	QAM16		51.88	35.2	PASS
20	10	24200	12	#Max	QAM16		53.21	35.2	PASS
20	10	24200	12	#Max	QAM16		52.70	32.2	PASS
20	10	24200	12	#Max	QAM16		49.21	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		42.77	29.2	PASS
20	10	24200	12	#Max	QAM16		43.76	32.2	PASS
20	10	24200	12	#Max	QAM16		53.57	35.2	PASS
20	10	24200	50	#0	QAM16		51.99	35.2	PASS
20	10	24200	50	#0	QAM16		46.80	32.2	PASS
20	10	24200	50	#0	QAM16		45.13	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS
20	10	24200	50	#0	QAM16		41.34	29.2	PASS
20	10	24200	50	#0	QAM16		43.29	32.2	PASS

20	10	24200	50	#0	QAM16		47.97	35.2	PASS
20	10	24300	12	#0	QPSK		53.60	35.2	PASS
20	10	24300	12	#0	QPSK		40.35	32.2	PASS
20	10	24300	12	#0	QPSK		39.74	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
20	10	24300	12	#0	QPSK		47.90	29.2	PASS
20	10	24300	12	#0	QPSK		52.03	32.2	PASS
20	10	24300	12	#0	QPSK		51.99	35.2	PASS
20	10	24300	12	#Max	QPSK		51.12	35.2	PASS
20	10	24300	12	#Max	QPSK		50.96	32.2	PASS
20	10	24300	12	#Max	QPSK		46.93	29.2	PASS
20	10	24300	12	#Max	QPSK		0.00	0	PASS
20	10	24300	12	#Max	QPSK		43.11	29.2	PASS
20	10	24300	12	#Max	QPSK		44.03	32.2	PASS
20	10	24300	12	#Max	QPSK		53.42	35.2	PASS
20	10	24300	50	#0	QPSK		46.76	35.2	PASS
20	10	24300	50	#0	QPSK		40.73	32.2	PASS
20	10	24300	50	#0	QPSK		38.97	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		43.15	29.2	PASS
20	10	24300	50	#0	QPSK		46.60	32.2	PASS
20	10	24300	50	#0	QPSK		47.13	35.2	PASS
20	10	24300	12	#0	QAM16		52.56	35.2	PASS
20	10	24300	12	#0	QAM16		42.27	32.2	PASS
20	10	24300	12	#0	QAM16		41.34	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		47.68	29.2	PASS
20	10	24300	12	#0	QAM16		51.57	32.2	PASS
20	10	24300	12	#0	QAM16		51.82	35.2	PASS
20	10	24300	12	#Max	QAM16		50.40	35.2	PASS
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20	10	24300	12	#Max	QAM16		46.33	29.2	PASS
20	10	24300	12	#Max	QAM16		0.00	0	PASS
20	10	24300	12	#Max	QAM16		44.04	29.2	PASS
20	10	24300	12	#Max	QAM16		45.27	32.2	PASS
20	10	24300	12	#Max	QAM16		52.36	35.2	PASS
20	10	24300	50	#0	QAM16		47.65	35.2	PASS
20	10	24300	50	#0	QAM16		41.17	32.2	PASS
20	10	24300	50	#0	QAM16		39.54	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		42.21	29.2	PASS
20	10	24300	50	#0	QAM16		45.13	32.2	PASS
20	10	24300	50	#0	QAM16		47.14	35.2	PASS

20	10	24400	12	#0	QPSK		53.45	35.2	PASS
20	10	24400	12	#0	QPSK		47.17	32.2	PASS
20	10	24400	12	#0	QPSK		45.81	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		47.60	29.2	PASS
20	10	24400	12	#0	QPSK		52.46	32.2	PASS
20	10	24400	12	#0	QPSK		51.16	35.2	PASS
20	10	24400	12	#Max	QPSK		51.66	35.2	PASS
20	10	24400	12	#Max	QPSK		52.15	32.2	PASS
20	10	24400	12	#Max	QPSK		47.82	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
20	10	24400	12	#Max	QPSK		40.62	29.2	PASS
20	10	24400	12	#Max	QPSK		41.24	32.2	PASS
20	10	24400	12	#Max	QPSK		54.42	35.2	PASS
20	10	24400	50	#0	QPSK		46.23	35.2	PASS
20	10	24400	50	#0	QPSK		44.44	32.2	PASS
20	10	24400	50	#0	QPSK		41.62	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		41.21	29.2	PASS
20	10	24400	50	#0	QPSK		43.14	32.2	PASS
20	10	24400	50	#0	QPSK		48.25	35.2	PASS
20	10	24400	12	#0	QAM16		53.09	35.2	PASS
20	10	24400	12	#0	QAM16		46.42	32.2	PASS
20	10	24400	12	#0	QAM16		45.07	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		47.90	29.2	PASS
20	10	24400	12	#0	QAM16		52.44	32.2	PASS
20	10	24400	12	#0	QAM16		51.49	35.2	PASS
20	10	24400	12	#Max	QAM16		51.26	35.2	PASS
20	10	24400	12	#Max	QAM16		51.75	32.2	PASS
20	10	24400	12	#Max	QAM16		47.50	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		42.39	29.2	PASS
20	10	24400	12	#Max	QAM16		43.31	32.2	PASS
20	10	24400	12	#Max	QAM16		53.54	35.2	PASS
20	10	24400	50	#0	QAM16		46.10	35.2	PASS
20	10	24400	50	#0	QAM16		43.28	32.2	PASS
20	10	24400	50	#0	QAM16		40.76	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		40.95	29.2	PASS
20	10	24400	50	#0	QAM16		42.76	32.2	PASS
20	10	24400	50	#0	QAM16		48.30	35.2	PASS
20	20	24250	18	#0	QPSK		53.58	35.2	PASS

20	20	24250	18	#0	QPSK		46.07	32.2	PASS
20	20	24250	18	#0	QPSK		44.55	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		46.66	29.2	PASS
20	20	24250	18	#0	QPSK		53.71	32.2	PASS
20	20	24250	18	#0	QPSK		53.75	35.2	PASS
20	20	24250	18	#Max	QPSK		53.11	35.2	PASS
20	20	24250	18	#Max	QPSK		53.21	32.2	PASS
20	20	24250	18	#Max	QPSK		46.42	29.2	PASS
20	20	24250	18	#Max	QPSK		0.00	0	PASS
20	20	24250	18	#Max	QPSK		44.10	29.2	PASS
20	20	24250	18	#Max	QPSK		46.14	32.2	PASS
20	20	24250	18	#Max	QPSK		52.49	35.2	PASS
20	20	24250	100	#0	QPSK		51.86	35.2	PASS
20	20	24250	100	#0	QPSK		47.09	32.2	PASS
20	20	24250	100	#0	QPSK		43.82	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		42.42	29.2	PASS
20	20	24250	100	#0	QPSK		46.78	32.2	PASS
20	20	24250	100	#0	QPSK		48.77	35.2	PASS
20	20	24250	18	#0	QAM16		52.21	35.2	PASS
20	20	24250	18	#0	QAM16		46.37	32.2	PASS
20	20	24250	18	#0	QAM16		44.06	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		45.82	29.2	PASS
20	20	24250	18	#0	QAM16		52.65	32.2	PASS
20	20	24250	18	#0	QAM16		52.80	35.2	PASS
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20	20	24250	18	#Max	QAM16		51.78	32.2	PASS
20	20	24250	18	#Max	QAM16		44.95	29.2	PASS
20	20	24250	18	#Max	QAM16		0.00	0	PASS
20	20	24250	18	#Max	QAM16		43.64	29.2	PASS
20	20	24250	18	#Max	QAM16		46.31	32.2	PASS
20	20	24250	18	#Max	QAM16		51.55	35.2	PASS
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20	20	24250	100	#0	QAM16		43.42	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		41.85	29.2	PASS
20	20	24250	100	#0	QAM16		46.45	32.2	PASS
20	20	24250	100	#0	QAM16		48.22	35.2	PASS
20	20	24300	18	#0	QPSK		52.74	35.2	PASS
20	20	24300	18	#0	QPSK		44.33	32.2	PASS

20	20	24300	18	#0	QPSK		43.54	29.2	PASS
20	20	24300	18	#0	QPSK		0.00	0	PASS
20	20	24300	18	#0	QPSK		46.70	29.2	PASS
20	20	24300	18	#0	QPSK		53.86	32.2	PASS
20	20	24300	18	#0	QPSK		53.90	35.2	PASS
20	20	24300	18	#Max	QPSK		52.52	35.2	PASS
20	20	24300	18	#Max	QPSK		52.91	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		42.85	29.2	PASS
20	20	24300	18	#Max	QPSK		42.88	32.2	PASS
20	20	24300	18	#Max	QPSK		53.24	35.2	PASS
20	20	24300	100	#0	QPSK		45.37	35.2	PASS
20	20	24300	100	#0	QPSK		43.13	32.2	PASS
20	20	24300	100	#0	QPSK		40.14	29.2	PASS
20	20	24300	100	#0	QPSK		0.00	0	PASS
20	20	24300	100	#0	QPSK		39.70	29.2	PASS
20	20	24300	100	#0	QPSK		44.84	32.2	PASS
20	20	24300	100	#0	QPSK		47.02	35.2	PASS
20	20	24300	18	#0	QAM16		51.88	35.2	PASS
20	20	24300	18	#0	QAM16		44.82	32.2	PASS
20	20	24300	18	#0	QAM16		43.45	29.2	PASS
20	20	24300	18	#0	QAM16		0.00	0	PASS
20	20	24300	18	#0	QAM16		45.98	29.2	PASS
20	20	24300	18	#0	QAM16		52.92	32.2	PASS
20	20	24300	18	#0	QAM16		53.04	35.2	PASS
20	20	24300	18	#Max	QAM16		51.50	35.2	PASS
20	20	24300	18	#Max	QAM16		51.90	32.2	PASS
20	20	24300	18	#Max	QAM16		45.24	29.2	PASS
20	20	24300	18	#Max	QAM16		0.00	0	PASS
20	20	24300	18	#Max	QAM16		42.82	29.2	PASS
20	20	24300	18	#Max	QAM16		43.27	32.2	PASS
20	20	24300	18	#Max	QAM16		52.23	35.2	PASS
20	20	24300	100	#0	QAM16		46.63	35.2	PASS
20	20	24300	100	#0	QAM16		44.67	32.2	PASS
20	20	24300	100	#0	QAM16		41.13	29.2	PASS
20	20	24300	100	#0	QAM16		0.00	0	PASS
20	20	24300	100	#0	QAM16		40.07	29.2	PASS
20	20	24300	100	#0	QAM16		45.07	32.2	PASS
20	20	24300	100	#0	QAM16		46.95	35.2	PASS
20	20	24350	18	#0	QPSK		52.57	35.2	PASS
20	20	24350	18	#0	QPSK		41.01	32.2	PASS
20	20	24350	18	#0	QPSK		41.73	29.2	PASS

20	20	24350	18	#0	QPSK		0.00	0	PASS
20	20	24350	18	#0	QPSK		46.68	29.2	PASS
20	20	24350	18	#0	QPSK		53.83	32.2	PASS
20	20	24350	18	#0	QPSK		53.35	35.2	PASS
20	20	24350	18	#Max	QPSK		52.17	35.2	PASS
20	20	24350	18	#Max	QPSK		52.67	32.2	PASS
20	20	24350	18	#Max	QPSK		45.64	29.2	PASS
20	20	24350	18	#Max	QPSK		0.00	0	PASS
20	20	24350	18	#Max	QPSK		42.68	29.2	PASS
20	20	24350	18	#Max	QPSK		42.00	32.2	PASS
20	20	24350	18	#Max	QPSK		52.75	35.2	PASS
20	20	24350	100	#0	QPSK		45.53	35.2	PASS
20	20	24350	100	#0	QPSK		43.85	32.2	PASS
20	20	24350	100	#0	QPSK		39.84	29.2	PASS
20	20	24350	100	#0	QPSK		0.00	0	PASS
20	20	24350	100	#0	QPSK		39.05	29.2	PASS
20	20	24350	100	#0	QPSK		44.31	32.2	PASS
20	20	24350	100	#0	QPSK		43.29	35.2	PASS
20	20	24350	18	#0	QAM16		51.63	35.2	PASS
20	20	24350	18	#0	QAM16		42.74	32.2	PASS
20	20	24350	18	#0	QAM16		42.44	29.2	PASS
20	20	24350	18	#0	QAM16		0.00	0	PASS
20	20	24350	18	#0	QAM16		45.92	29.2	PASS
20	20	24350	18	#0	QAM16		52.90	32.2	PASS
20	20	24350	18	#0	QAM16		52.68	35.2	PASS
20	20	24350	18	#Max	QAM16		50.91	35.2	PASS
20	20	24350	18	#Max	QAM16		51.24	32.2	PASS
20	20	24350	18	#Max	QAM16		44.41	29.2	PASS
20	20	24350	18	#Max	QAM16		0.00	0	PASS
20	20	24350	18	#Max	QAM16		43.25	29.2	PASS
20	20	24350	18	#Max	QAM16		43.96	32.2	PASS
20	20	24350	18	#Max	QAM16		51.66	35.2	PASS
20	20	24350	100	#0	QAM16		45.82	35.2	PASS
20	20	24350	100	#0	QAM16		44.12	32.2	PASS
20	20	24350	100	#0	QAM16		40.07	29.2	PASS
20	20	24350	100	#0	QAM16		0.00	0	PASS
20	20	24350	100	#0	QAM16		39.44	29.2	PASS
20	20	24350	100	#0	QAM16		44.26	32.2	PASS
20	20	24350	100	#0	QAM16		44.13	35.2	PASS
1	5	18025	8	#0	QPSK		53.33	35.2	PASS
1	5	18025	8	#0	QPSK		44.18	32.2	PASS
1	5	18025	8	#0	QPSK		41.96	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS

1	5	18025	8	#0	QPSK		46.37	29.2	PASS
1	5	18025	8	#0	QPSK		46.72	32.2	PASS
1	5	18025	8	#0	QPSK		53.61	35.2	PASS
1	5	18025	8	#Max	QPSK		53.49	35.2	PASS
1	5	18025	8	#Max	QPSK		47.67	32.2	PASS
1	5	18025	8	#Max	QPSK		47.32	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		41.49	29.2	PASS
1	5	18025	8	#Max	QPSK		43.61	32.2	PASS
1	5	18025	8	#Max	QPSK		53.69	35.2	PASS
1	5	18025	25	#0	QPSK		50.13	35.2	PASS
1	5	18025	25	#0	QPSK		42.49	32.2	PASS
1	5	18025	25	#0	QPSK		41.76	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		42.06	29.2	PASS
1	5	18025	25	#0	QPSK		42.77	32.2	PASS
1	5	18025	25	#0	QPSK		49.82	35.2	PASS
1	5	18025	8	#0	QAM16		52.38	35.2	PASS
1	5	18025	8	#0	QAM16		44.24	32.2	PASS
1	5	18025	8	#0	QAM16		42.10	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		46.57	29.2	PASS
1	5	18025	8	#0	QAM16		46.91	32.2	PASS
1	5	18025	8	#0	QAM16		52.63	35.2	PASS
1	5	18025	8	#Max	QAM16		52.39	35.2	PASS
1	5	18025	8	#Max	QAM16		47.88	32.2	PASS
1	5	18025	8	#Max	QAM16		47.49	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		42.11	29.2	PASS
1	5	18025	8	#Max	QAM16		43.92	32.2	PASS
1	5	18025	8	#Max	QAM16		52.72	35.2	PASS
1	5	18025	25	#0	QAM16		49.88	35.2	PASS
1	5	18025	25	#0	QAM16		42.07	32.2	PASS
1	5	18025	25	#0	QAM16		41.29	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		41.28	29.2	PASS
1	5	18025	25	#0	QAM16		42.03	32.2	PASS
1	5	18025	25	#0	QAM16		49.72	35.2	PASS
1	5	18300	8	#0	QPSK		54.61	35.2	PASS
1	5	18300	8	#0	QPSK		37.65	32.2	PASS
1	5	18300	8	#0	QPSK		35.27	29.2	PASS
1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		47.04	29.2	PASS

1	5	18300	8	#0	QPSK		47.34	32.2	PASS
1	5	18300	8	#0	QPSK		55.11	35.2	PASS
1	5	18300	8	#Max	QPSK		54.72	35.2	PASS
1	5	18300	8	#Max	QPSK		46.81	32.2	PASS
1	5	18300	8	#Max	QPSK		46.49	29.2	PASS
1	5	18300	8	#Max	QPSK		0.00	0	PASS
1	5	18300	8	#Max	QPSK		37.53	29.2	PASS
1	5	18300	8	#Max	QPSK		39.95	32.2	PASS
1	5	18300	8	#Max	QPSK		54.87	35.2	PASS
1	5	18300	25	#0	QPSK		49.36	35.2	PASS
1	5	18300	25	#0	QPSK		38.85	32.2	PASS
1	5	18300	25	#0	QPSK		38.22	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		39.29	29.2	PASS
1	5	18300	25	#0	QPSK		40.02	32.2	PASS
1	5	18300	25	#0	QPSK		50.51	35.2	PASS
1	5	18300	8	#0	QAM16		53.65	35.2	PASS
1	5	18300	8	#0	QAM16		39.03	32.2	PASS
1	5	18300	8	#0	QAM16		36.87	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		47.07	29.2	PASS
1	5	18300	8	#0	QAM16		47.38	32.2	PASS
1	5	18300	8	#0	QAM16		54.03	35.2	PASS
1	5	18300	8	#Max	QAM16		53.71	35.2	PASS
1	5	18300	8	#Max	QAM16		46.54	32.2	PASS
1	5	18300	8	#Max	QAM16		46.24	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		39.03	29.2	PASS
1	5	18300	8	#Max	QAM16		41.40	32.2	PASS
1	5	18300	8	#Max	QAM16		53.80	35.2	PASS
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1	5	18300	25	#0	QAM16		38.29	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		39.24	29.2	PASS
1	5	18300	25	#0	QAM16		40.02	32.2	PASS
1	5	18300	25	#0	QAM16		50.53	35.2	PASS
1	5	18575	8	#0	QPSK		54.02	35.2	PASS
1	5	18575	8	#0	QPSK		44.18	32.2	PASS
1	5	18575	8	#0	QPSK		41.95	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS
1	5	18575	8	#0	QPSK		46.76	29.2	PASS
1	5	18575	8	#0	QPSK		47.07	32.2	PASS

1	5	18575	8	#0	QPSK		54.24	35.2	PASS
1	5	18575	8	#Max	QPSK		53.95	35.2	PASS
1	5	18575	8	#Max	QPSK		47.34	32.2	PASS
1	5	18575	8	#Max	QPSK		47.02	29.2	PASS
1	5	18575	8	#Max	QPSK		0.00	0	PASS
1	5	18575	8	#Max	QPSK		41.28	29.2	PASS
1	5	18575	8	#Max	QPSK		43.37	32.2	PASS
1	5	18575	8	#Max	QPSK		54.12	35.2	PASS
1	5	18575	25	#0	QPSK		50.55	35.2	PASS
1	5	18575	25	#0	QPSK		44.46	32.2	PASS
1	5	18575	25	#0	QPSK		43.72	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		43.56	29.2	PASS
1	5	18575	25	#0	QPSK		44.33	32.2	PASS
1	5	18575	25	#0	QPSK		50.91	35.2	PASS
1	5	18575	8	#0	QAM16		53.00	35.2	PASS
1	5	18575	8	#0	QAM16		45.14	32.2	PASS
1	5	18575	8	#0	QAM16		43.41	29.2	PASS
1	5	18575	8	#0	QAM16		0.00	0	PASS
1	5	18575	8	#0	QAM16		46.93	29.2	PASS
1	5	18575	8	#0	QAM16		47.25	32.2	PASS
1	5	18575	8	#0	QAM16		53.30	35.2	PASS
1	5	18575	8	#Max	QAM16		52.89	35.2	PASS
1	5	18575	8	#Max	QAM16		47.63	32.2	PASS
1	5	18575	8	#Max	QAM16		47.26	29.2	PASS
1	5	18575	8	#Max	QAM16		0.00	0	PASS
1	5	18575	8	#Max	QAM16		42.85	29.2	PASS
1	5	18575	8	#Max	QAM16		44.74	32.2	PASS
1	5	18575	8	#Max	QAM16		53.12	35.2	PASS
1	5	18575	25	#0	QAM16		50.07	35.2	PASS
1	5	18575	25	#0	QAM16		43.53	32.2	PASS
1	5	18575	25	#0	QAM16		42.76	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		42.26	29.2	PASS
1	5	18575	25	#0	QAM16		43.12	32.2	PASS
1	5	18575	25	#0	QAM16		50.34	35.2	PASS
1	10	18050	12	#0	QPSK		51.12	35.2	PASS
1	10	18050	12	#0	QPSK		43.19	32.2	PASS
1	10	18050	12	#0	QPSK		42.16	29.2	PASS
1	10	18050	12	#0	QPSK		0.00	0	PASS
1	10	18050	12	#0	QPSK		44.41	29.2	PASS
1	10	18050	12	#0	QPSK		48.95	32.2	PASS
1	10	18050	12	#0	QPSK		48.18	35.2	PASS

1	10	18050	12	#Max	QPSK		49.33	35.2	PASS
1	10	18050	12	#Max	QPSK		49.78	32.2	PASS
1	10	18050	12	#Max	QPSK		45.54	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		41.28	29.2	PASS
1	10	18050	12	#Max	QPSK		42.10	32.2	PASS
1	10	18050	12	#Max	QPSK		51.70	35.2	PASS
1	10	18050	50	#0	QPSK		45.75	35.2	PASS
1	10	18050	50	#0	QPSK		44.08	32.2	PASS
1	10	18050	50	#0	QPSK		41.16	29.2	PASS
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1	10	18050	12	#0	QAM16		50.12	35.2	PASS
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1	10	18050	12	#0	QAM16		42.02	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
1	10	18050	12	#0	QAM16		44.16	29.2	PASS
1	10	18050	12	#0	QAM16		48.52	32.2	PASS
1	10	18050	12	#0	QAM16		48.12	35.2	PASS
1	10	18050	12	#Max	QAM16		48.79	35.2	PASS
1	10	18050	12	#Max	QAM16		49.35	32.2	PASS
1	10	18050	12	#Max	QAM16		45.08	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		41.44	29.2	PASS
1	10	18050	12	#Max	QAM16		42.61	32.2	PASS
1	10	18050	12	#Max	QAM16		50.73	35.2	PASS
1	10	18050	50	#0	QAM16		45.42	35.2	PASS
1	10	18050	50	#0	QAM16		42.94	32.2	PASS
1	10	18050	50	#0	QAM16		40.26	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		40.09	29.2	PASS
1	10	18050	50	#0	QAM16		42.84	32.2	PASS
1	10	18050	50	#0	QAM16		45.12	35.2	PASS
1	10	18300	12	#0	QPSK		53.98	35.2	PASS
1	10	18300	12	#0	QPSK		36.80	32.2	PASS
1	10	18300	12	#0	QPSK		36.35	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		45.85	29.2	PASS
1	10	18300	12	#0	QPSK		50.78	32.2	PASS
1	10	18300	12	#0	QPSK		49.53	35.2	PASS
1	10	18300	12	#Max	QPSK		49.70	35.2	PASS

1	10	18300	12	#Max	QPSK		50.50	32.2	PASS
1	10	18300	12	#Max	QPSK		45.83	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		40.84	29.2	PASS
1	10	18300	12	#Max	QPSK		41.40	32.2	PASS
1	10	18300	12	#Max	QPSK		54.34	35.2	PASS
1	10	18300	50	#0	QPSK		41.89	35.2	PASS
1	10	18300	50	#0	QPSK		41.10	32.2	PASS
1	10	18300	50	#0	QPSK		37.84	29.2	PASS
1	10	18300	50	#0	QPSK		0.00	0	PASS
1	10	18300	50	#0	QPSK		39.67	29.2	PASS
1	10	18300	50	#0	QPSK		42.77	32.2	PASS
1	10	18300	50	#0	QPSK		43.94	35.2	PASS
1	10	18300	12	#0	QAM16		53.09	35.2	PASS
1	10	18300	12	#0	QAM16		38.27	32.2	PASS
1	10	18300	12	#0	QAM16		37.76	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		45.82	29.2	PASS
1	10	18300	12	#0	QAM16		50.58	32.2	PASS
1	10	18300	12	#0	QAM16		49.59	35.2	PASS
1	10	18300	12	#Max	QAM16		49.65	35.2	PASS
1	10	18300	12	#Max	QAM16		50.29	32.2	PASS
1	10	18300	12	#Max	QAM16		45.76	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		41.75	29.2	PASS
1	10	18300	12	#Max	QAM16		42.45	32.2	PASS
1	10	18300	12	#Max	QAM16		53.52	35.2	PASS
1	10	18300	50	#0	QAM16		42.76	35.2	PASS
1	10	18300	50	#0	QAM16		39.94	32.2	PASS
1	10	18300	50	#0	QAM16		37.42	29.2	PASS
1	10	18300	50	#0	QAM16		0.00	0	PASS
1	10	18300	50	#0	QAM16		39.05	29.2	PASS
1	10	18300	50	#0	QAM16		41.49	32.2	PASS
1	10	18300	50	#0	QAM16		44.48	35.2	PASS
1	10	18550	12	#0	QPSK		53.60	35.2	PASS
1	10	18550	12	#0	QPSK		44.17	32.2	PASS
1	10	18550	12	#0	QPSK		43.34	29.2	PASS
1	10	18550	12	#0	QPSK		0.00	0	PASS
1	10	18550	12	#0	QPSK		45.70	29.2	PASS
1	10	18550	12	#0	QPSK		50.36	32.2	PASS
1	10	18550	12	#0	QPSK		49.68	35.2	PASS
1	10	18550	12	#Max	QPSK		49.85	35.2	PASS
1	10	18550	12	#Max	QPSK		50.76	32.2	PASS

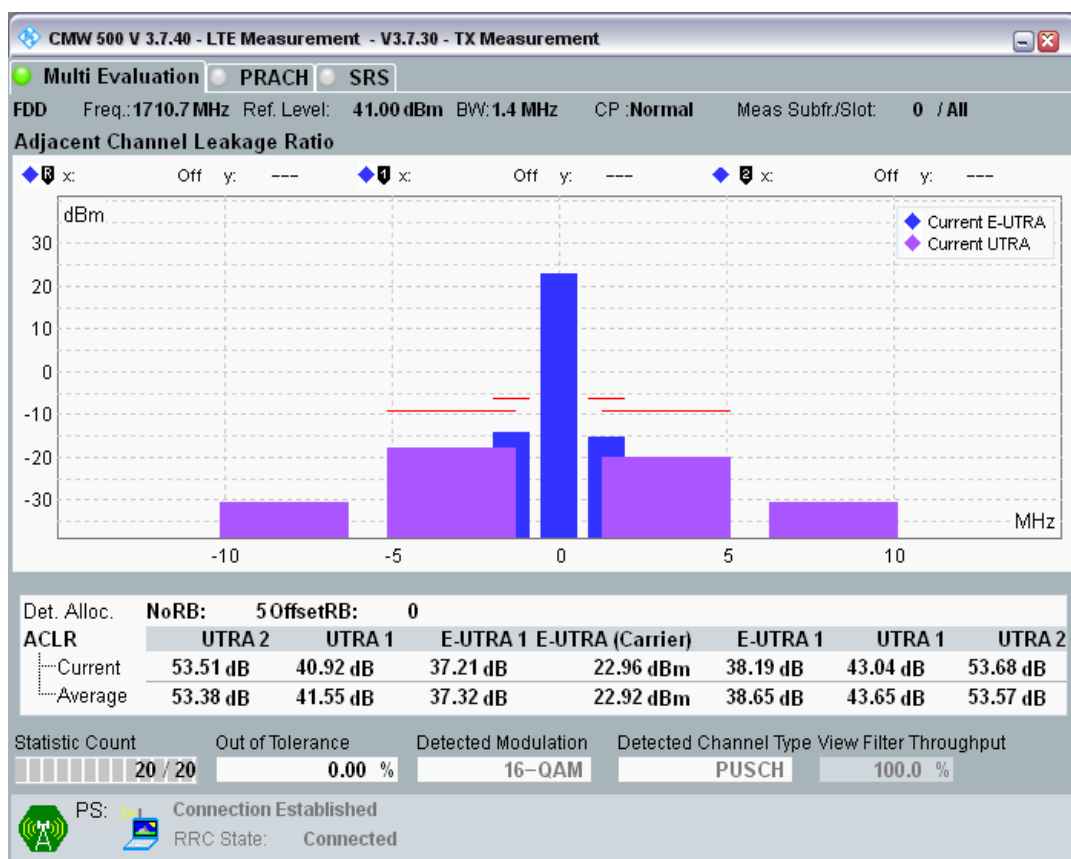
1	10	18550	12	#Max	QPSK		46.04	29.2	PASS
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1	10	18550	12	#Max	QPSK		43.90	32.2	PASS
1	10	18550	12	#Max	QPSK		53.89	35.2	PASS
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1	10	18550	50	#0	QPSK		45.50	32.2	PASS
1	10	18550	50	#0	QPSK		42.58	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		42.90	29.2	PASS
1	10	18550	50	#0	QPSK		45.93	32.2	PASS
1	10	18550	50	#0	QPSK		47.27	35.2	PASS
1	10	18550	12	#0	QAM16		52.68	35.2	PASS
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1	10	18550	12	#0	QAM16		43.44	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		45.80	29.2	PASS
1	10	18550	12	#0	QAM16		50.35	32.2	PASS
1	10	18550	12	#0	QAM16		49.76	35.2	PASS
1	10	18550	12	#Max	QAM16		49.73	35.2	PASS
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1	10	18550	12	#Max	QAM16		45.88	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		43.12	29.2	PASS
1	10	18550	12	#Max	QAM16		44.07	32.2	PASS
1	10	18550	12	#Max	QAM16		53.02	35.2	PASS
1	10	18550	50	#0	QAM16		47.07	35.2	PASS
1	10	18550	50	#0	QAM16		44.83	32.2	PASS
1	10	18550	50	#0	QAM16		42.06	29.2	PASS
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1	10	18550	50	#0	QAM16		42.30	29.2	PASS
1	10	18550	50	#0	QAM16		45.09	32.2	PASS
1	10	18550	50	#0	QAM16		47.23	35.2	PASS
1	20	18100	18	#0	QPSK		51.85	35.2	PASS
1	20	18100	18	#0	QPSK		44.08	32.2	PASS
1	20	18100	18	#0	QPSK		42.95	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		44.16	29.2	PASS
1	20	18100	18	#0	QPSK		53.02	32.2	PASS
1	20	18100	18	#0	QPSK		52.08	35.2	PASS
1	20	18100	18	#Max	QPSK		51.61	35.2	PASS
1	20	18100	18	#Max	QPSK		52.52	32.2	PASS
1	20	18100	18	#Max	QPSK		45.03	29.2	PASS

1	20	18100	18	#Max	QPSK		0.00	0	PASS
1	20	18100	18	#Max	QPSK		40.32	29.2	PASS
1	20	18100	18	#Max	QPSK		40.12	32.2	PASS
1	20	18100	18	#Max	QPSK		52.59	35.2	PASS
1	20	18100	100	#0	QPSK		47.09	35.2	PASS
1	20	18100	100	#0	QPSK		46.11	32.2	PASS
1	20	18100	100	#0	QPSK		40.69	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		40.62	29.2	PASS
1	20	18100	100	#0	QPSK		45.94	32.2	PASS
1	20	18100	100	#0	QPSK		47.54	35.2	PASS
1	20	18100	18	#0	QAM16		50.93	35.2	PASS
1	20	18100	18	#0	QAM16		43.56	32.2	PASS
1	20	18100	18	#0	QAM16		42.39	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.77	29.2	PASS
1	20	18100	18	#0	QAM16		52.05	32.2	PASS
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1	20	18100	18	#Max	QAM16		51.51	32.2	PASS
1	20	18100	18	#Max	QAM16		44.36	29.2	PASS
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1	20	18100	18	#Max	QAM16		40.80	29.2	PASS
1	20	18100	18	#Max	QAM16		40.98	32.2	PASS
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1	20	18100	100	#0	QAM16		44.53	32.2	PASS
1	20	18100	100	#0	QAM16		39.61	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
1	20	18100	100	#0	QAM16		39.71	29.2	PASS
1	20	18100	100	#0	QAM16		44.49	32.2	PASS
1	20	18100	100	#0	QAM16		46.14	35.2	PASS
1	20	18300	18	#0	QPSK		52.26	35.2	PASS
1	20	18300	18	#0	QPSK		37.88	32.2	PASS
1	20	18300	18	#0	QPSK		38.65	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		44.63	29.2	PASS
1	20	18300	18	#0	QPSK		53.67	32.2	PASS
1	20	18300	18	#0	QPSK		52.37	35.2	PASS
1	20	18300	18	#Max	QPSK		51.58	35.2	PASS
1	20	18300	18	#Max	QPSK		52.74	32.2	PASS
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1	20	18300	18	#Max	QPSK		0.00	0	PASS

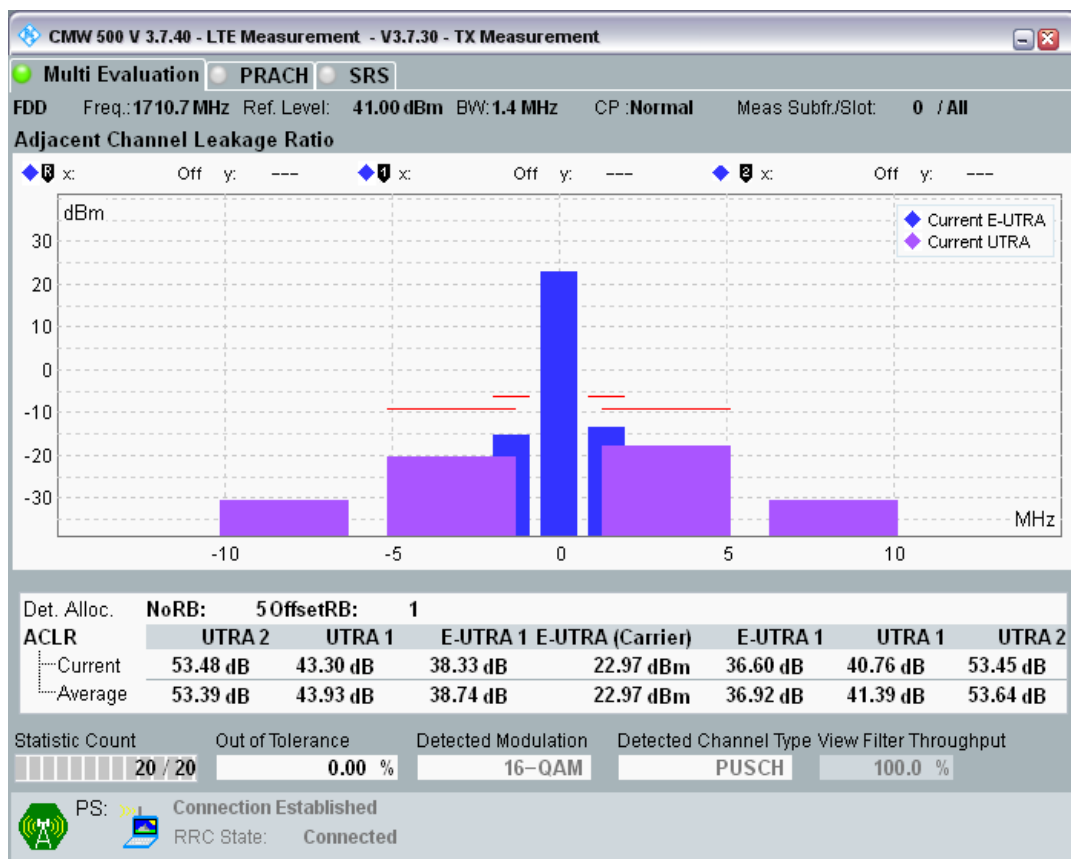
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1	20	18300	18	#Max	QPSK		52.76	35.2	PASS
1	20	18300	100	#0	QPSK		43.72	35.2	PASS
1	20	18300	100	#0	QPSK		42.73	32.2	PASS
1	20	18300	100	#0	QPSK		37.10	29.2	PASS
1	20	18300	100	#0	QPSK		0.00	0	PASS
1	20	18300	100	#0	QPSK		39.25	29.2	PASS
1	20	18300	100	#0	QPSK		44.55	32.2	PASS
1	20	18300	100	#0	QPSK		45.65	35.2	PASS
1	20	18300	18	#0	QAM16		51.45	35.2	PASS
1	20	18300	18	#0	QAM16		38.80	32.2	PASS
1	20	18300	18	#0	QAM16		39.36	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		44.26	29.2	PASS
1	20	18300	18	#0	QAM16		52.55	32.2	PASS
1	20	18300	18	#0	QAM16		51.90	35.2	PASS
1	20	18300	18	#Max	QAM16		50.90	35.2	PASS
1	20	18300	18	#Max	QAM16		51.73	32.2	PASS
1	20	18300	18	#Max	QAM16		43.91	29.2	PASS
1	20	18300	18	#Max	QAM16		0.00	0	PASS
1	20	18300	18	#Max	QAM16		43.06	29.2	PASS
1	20	18300	18	#Max	QAM16		44.35	32.2	PASS
1	20	18300	18	#Max	QAM16		51.91	35.2	PASS
1	20	18300	100	#0	QAM16		43.71	35.2	PASS
1	20	18300	100	#0	QAM16		42.58	32.2	PASS
1	20	18300	100	#0	QAM16		37.42	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		39.20	29.2	PASS
1	20	18300	100	#0	QAM16		44.28	32.2	PASS
1	20	18300	100	#0	QAM16		45.23	35.2	PASS
1	20	18500	18	#0	QPSK		52.31	35.2	PASS
1	20	18500	18	#0	QPSK		45.66	32.2	PASS
1	20	18500	18	#0	QPSK		44.00	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		44.62	29.2	PASS
1	20	18500	18	#0	QPSK		53.51	32.2	PASS
1	20	18500	18	#0	QPSK		52.50	35.2	PASS
1	20	18500	18	#Max	QPSK		52.20	35.2	PASS
1	20	18500	18	#Max	QPSK		53.25	32.2	PASS
1	20	18500	18	#Max	QPSK		44.83	29.2	PASS
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1	20	18500	18	#Max	QPSK		43.36	29.2	PASS

1	20	18500	18	#Max	QPSK		44.22	32.2	PASS
1	20	18500	18	#Max	QPSK		53.05	35.2	PASS
1	20	18500	100	#0	QPSK		48.99	35.2	PASS
1	20	18500	100	#0	QPSK		48.21	32.2	PASS
1	20	18500	100	#0	QPSK		42.12	29.2	PASS
1	20	18500	100	#0	QPSK		0.00	0	PASS
1	20	18500	100	#0	QPSK		42.69	29.2	PASS
1	20	18500	100	#0	QPSK		48.12	32.2	PASS
1	20	18500	100	#0	QPSK		49.12	35.2	PASS
1	20	18500	18	#0	QAM16		51.55	35.2	PASS
1	20	18500	18	#0	QAM16		45.37	32.2	PASS
1	20	18500	18	#0	QAM16		43.44	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		44.28	29.2	PASS
1	20	18500	18	#0	QAM16		52.49	32.2	PASS
1	20	18500	18	#0	QAM16		51.96	35.2	PASS
1	20	18500	18	#Max	QAM16		51.49	35.2	PASS
1	20	18500	18	#Max	QAM16		52.23	32.2	PASS
1	20	18500	18	#Max	QAM16		44.41	29.2	PASS
1	20	18500	18	#Max	QAM16		0.00	0	PASS
1	20	18500	18	#Max	QAM16		43.26	29.2	PASS
1	20	18500	18	#Max	QAM16		44.76	32.2	PASS
1	20	18500	18	#Max	QAM16		52.26	35.2	PASS
1	20	18500	100	#0	QAM16		47.51	35.2	PASS
1	20	18500	100	#0	QAM16		46.96	32.2	PASS
1	20	18500	100	#0	QAM16		41.23	29.2	PASS
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1	20	18500	100	#0	QAM16		41.50	29.2	PASS
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1	20	18500	100	#0	QAM16		47.62	35.2	PASS

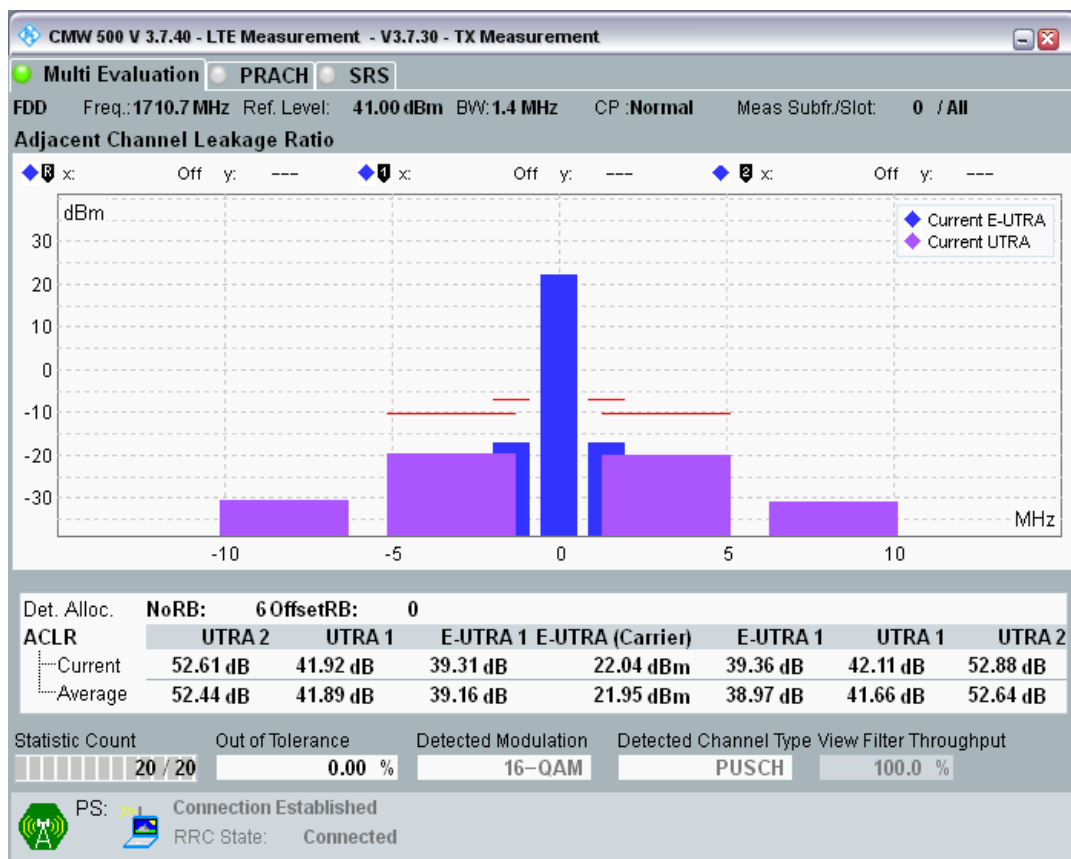
Band3 QAM16 BW=1.4MHz Channel=19207 RB Size=5 Position=#0.png



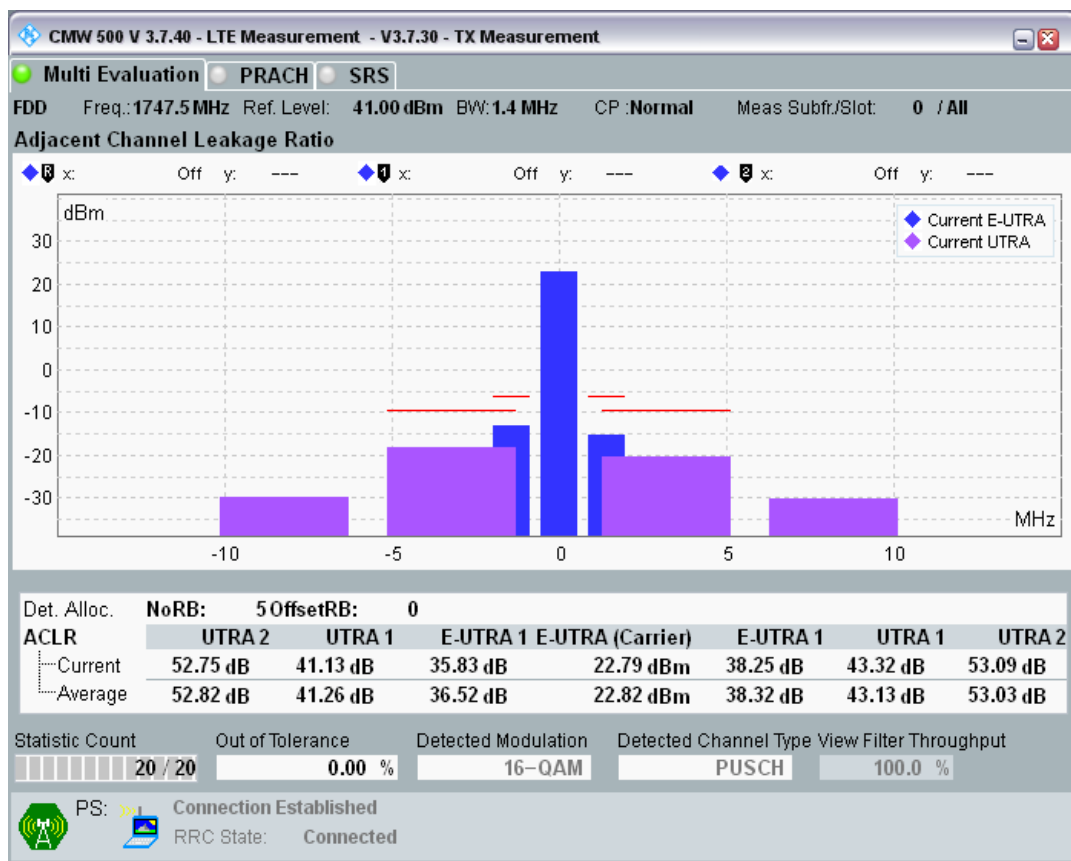
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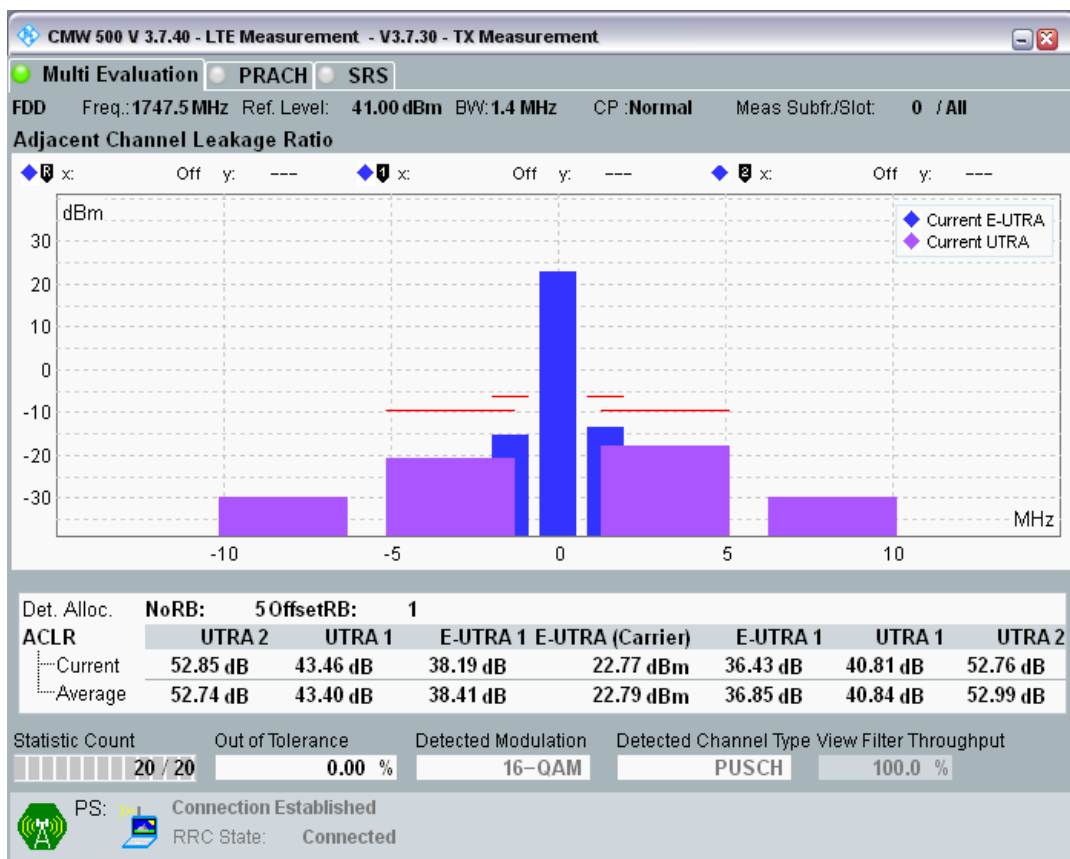
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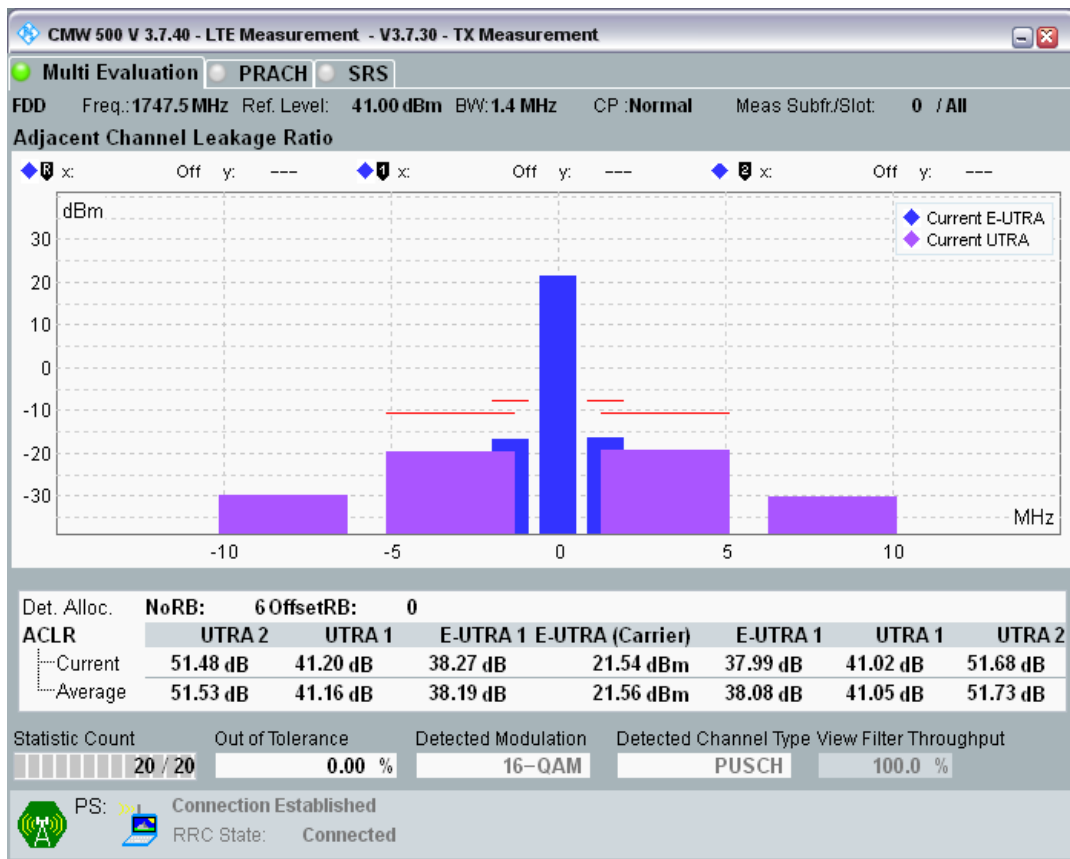
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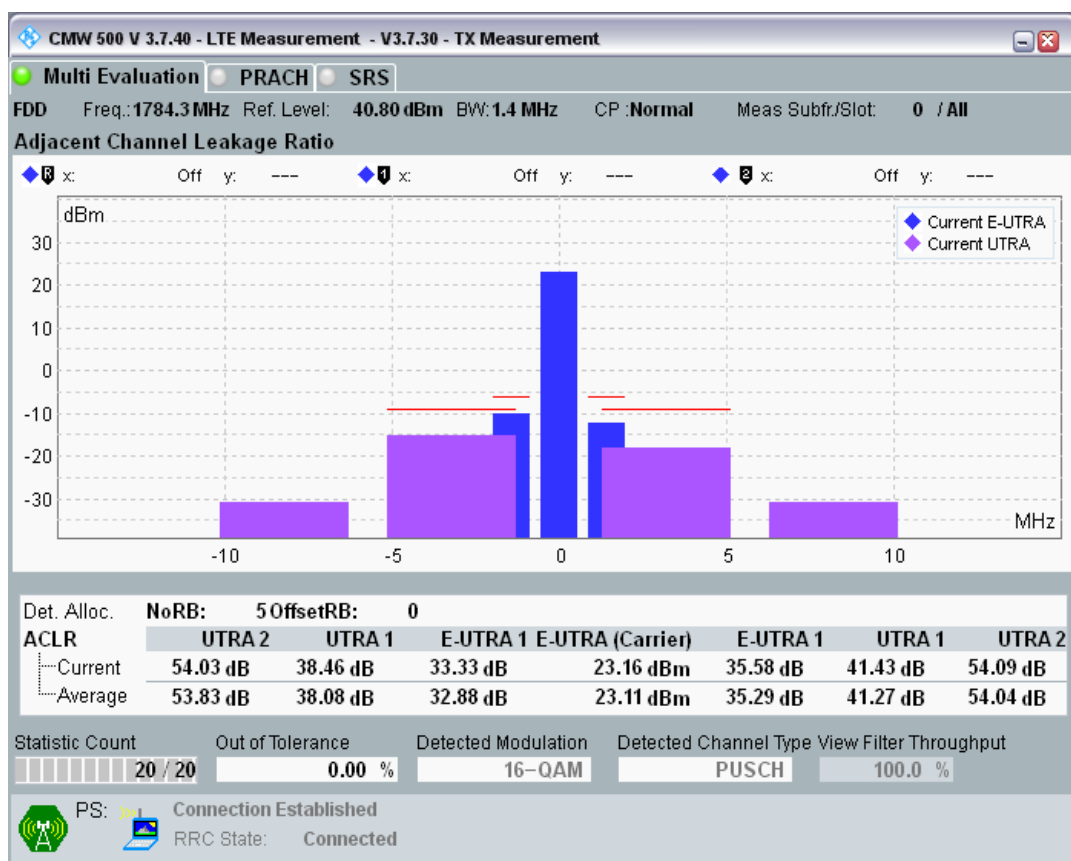
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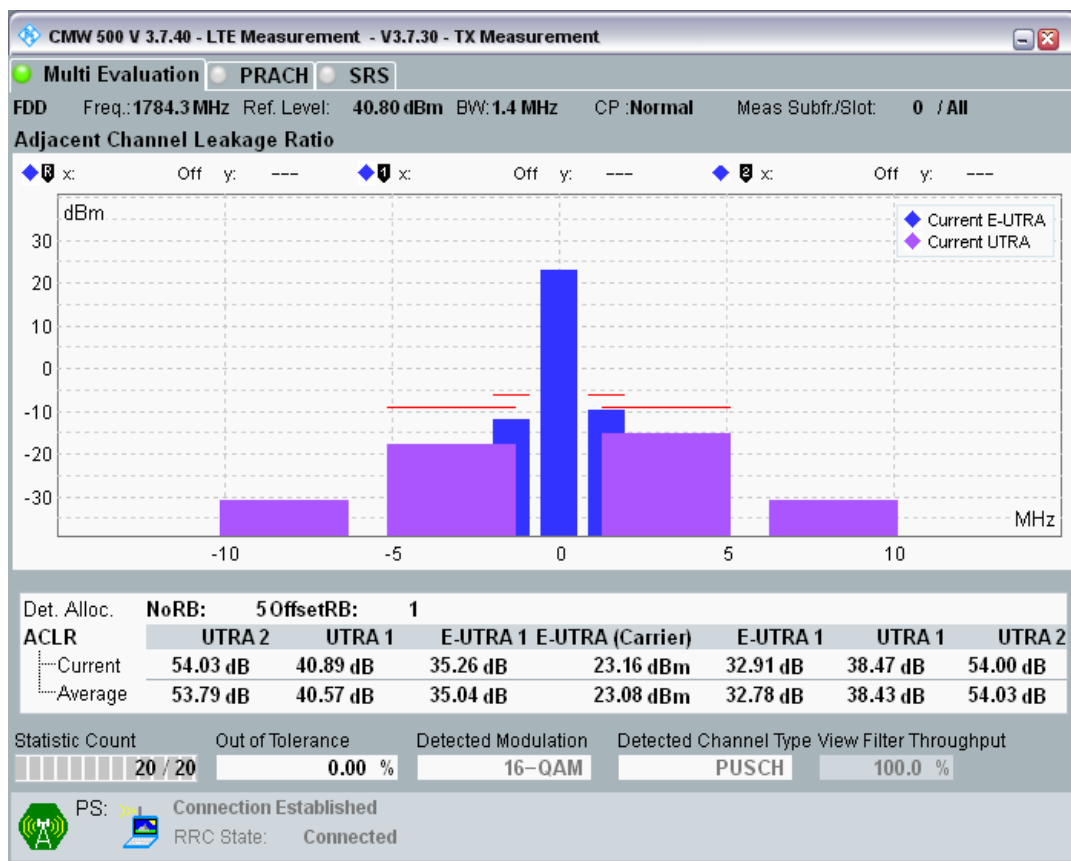
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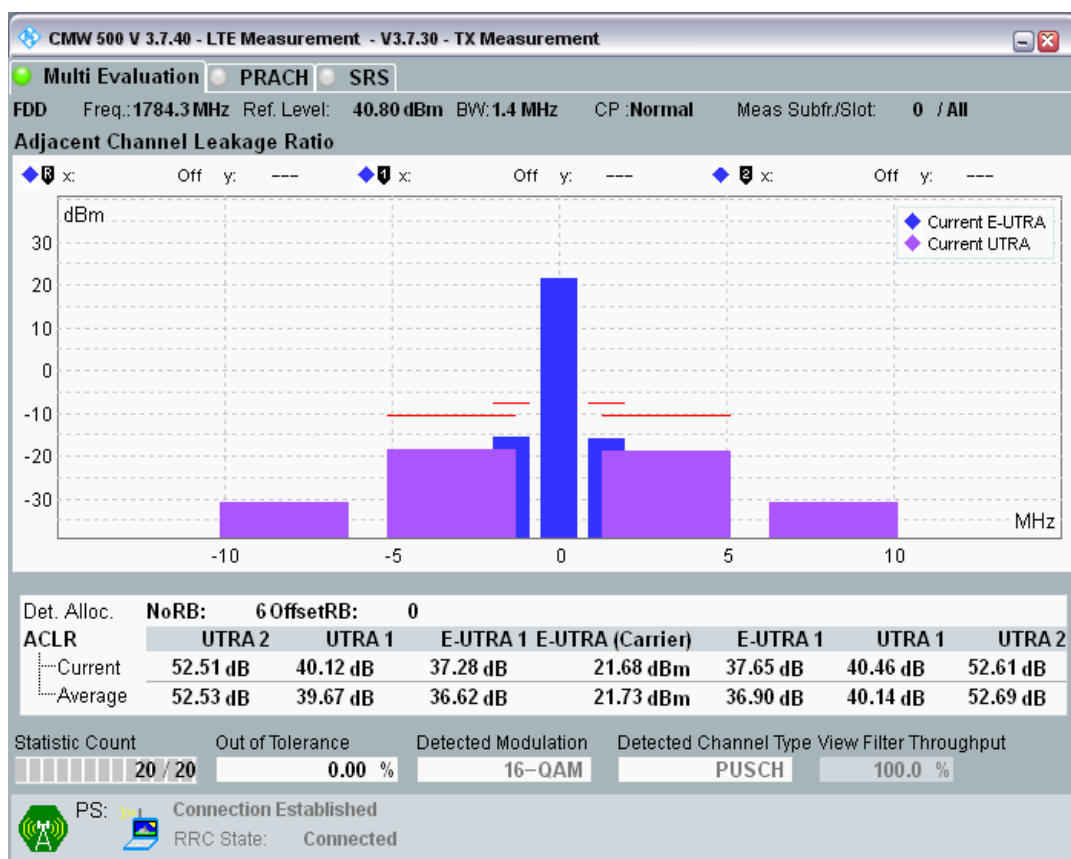
Band3 QAM16 BW=1.4MHz Channel=19943 RB Size=5 Position=#0.png



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



Band3 QAM16 BW=1.4MHz Channel=19943 RB Size=6 Position=#0.png



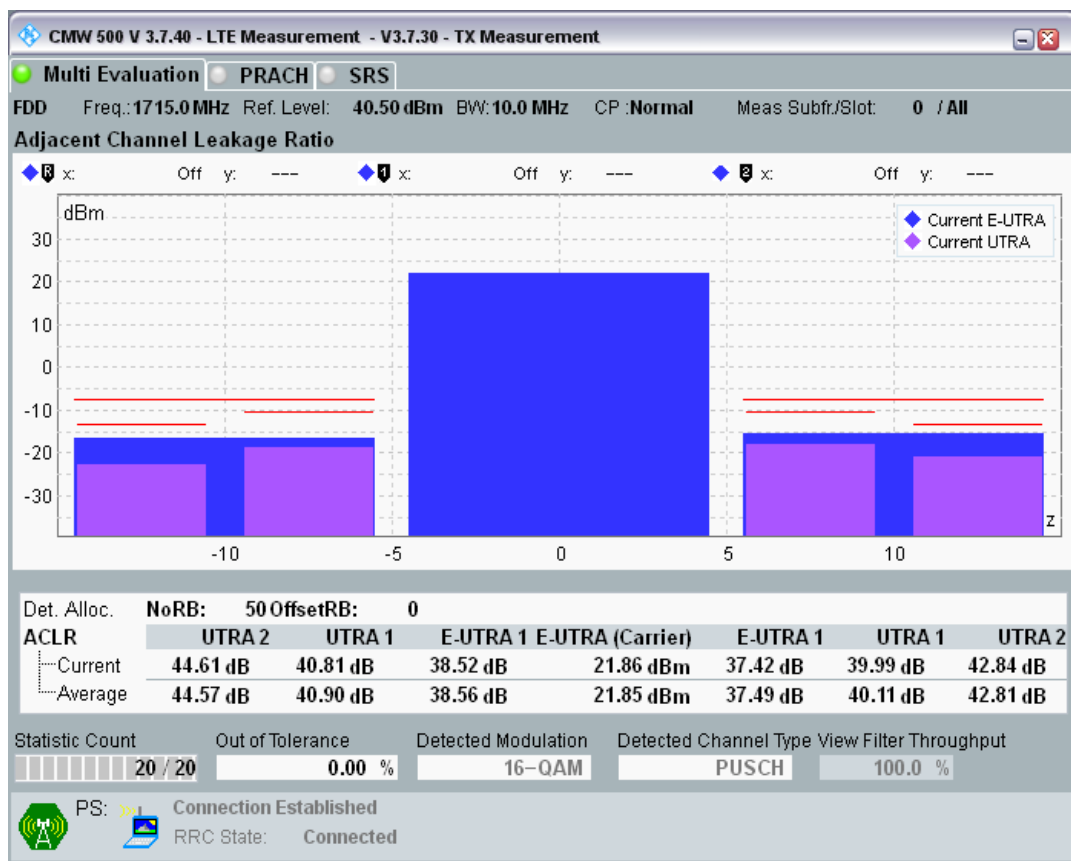
Band3 QAM16 BW=10MHz Channel=19250 RB Size=12 Position=#0.png



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



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



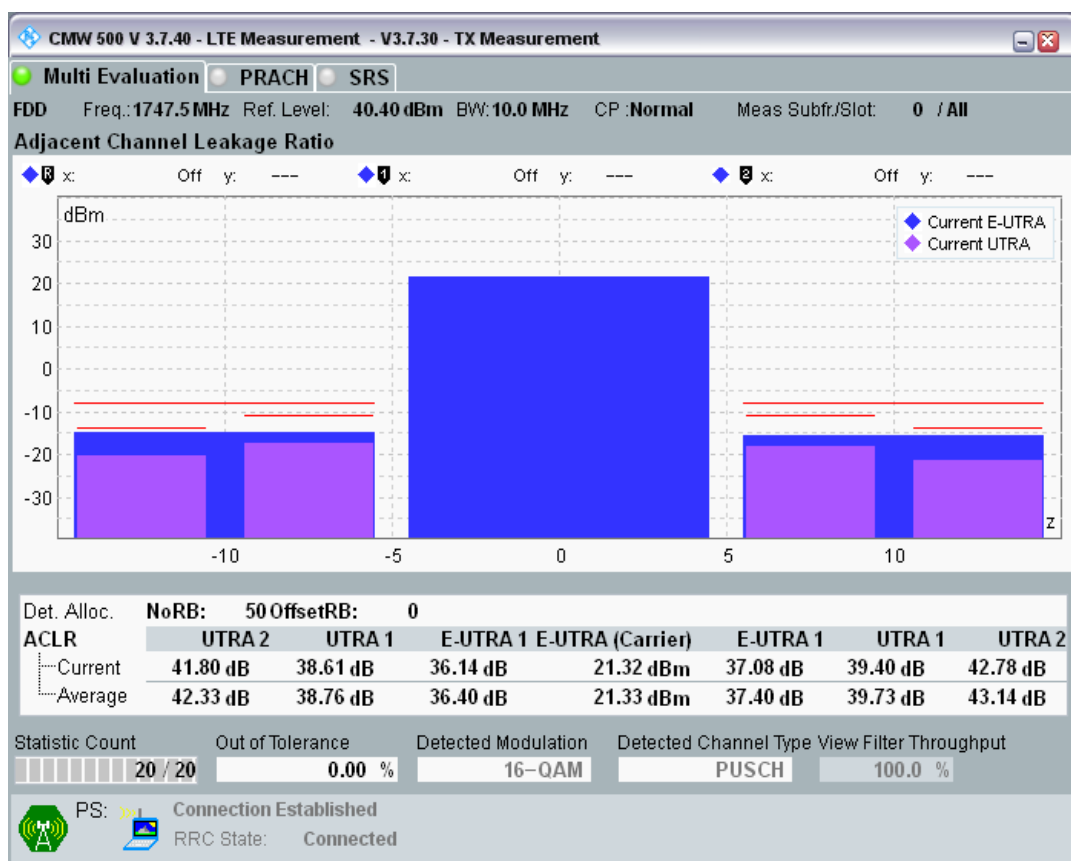
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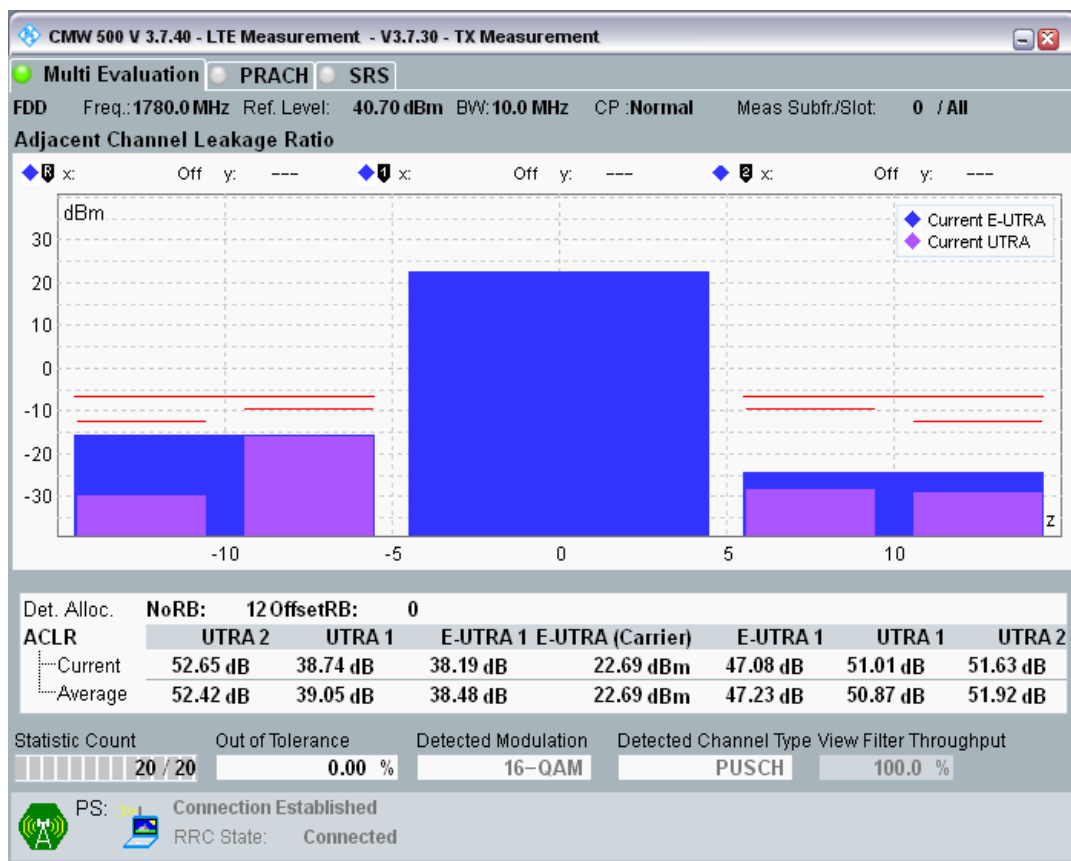
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Band3 QAM16 BW=10MHz Channel=19575 RB Size=50 Position=#0.png



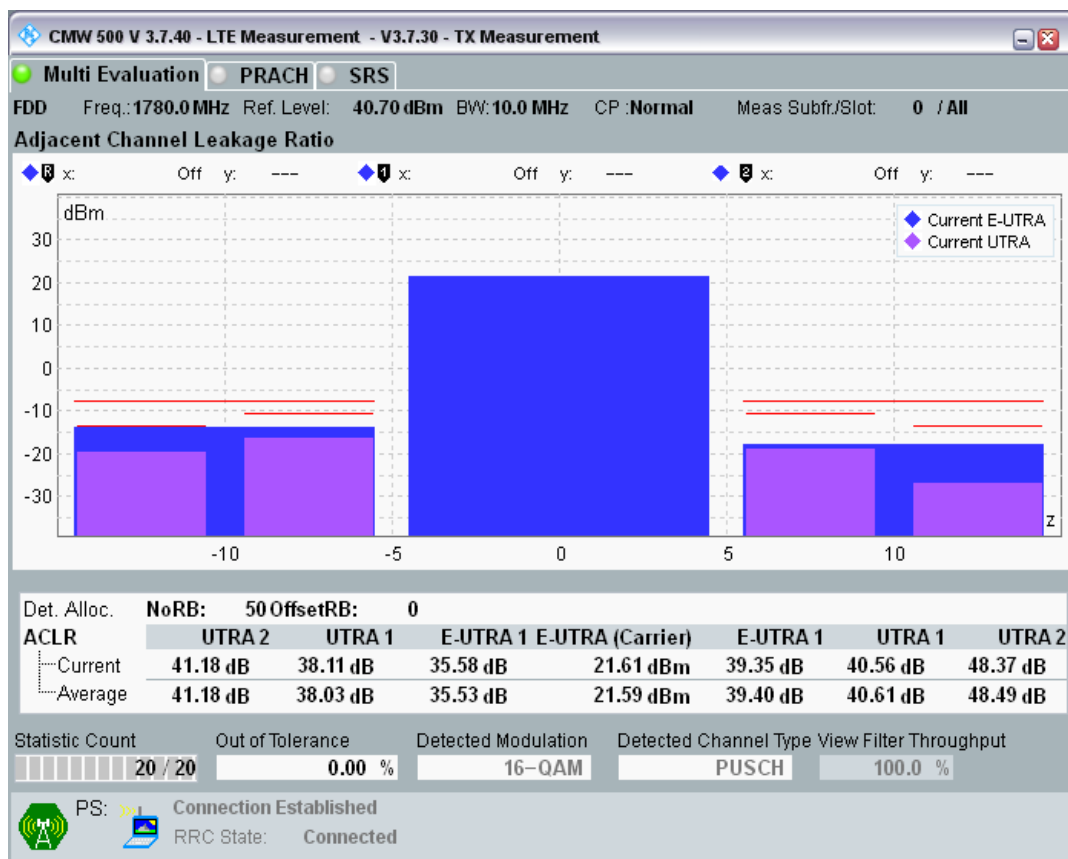
Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#0.png



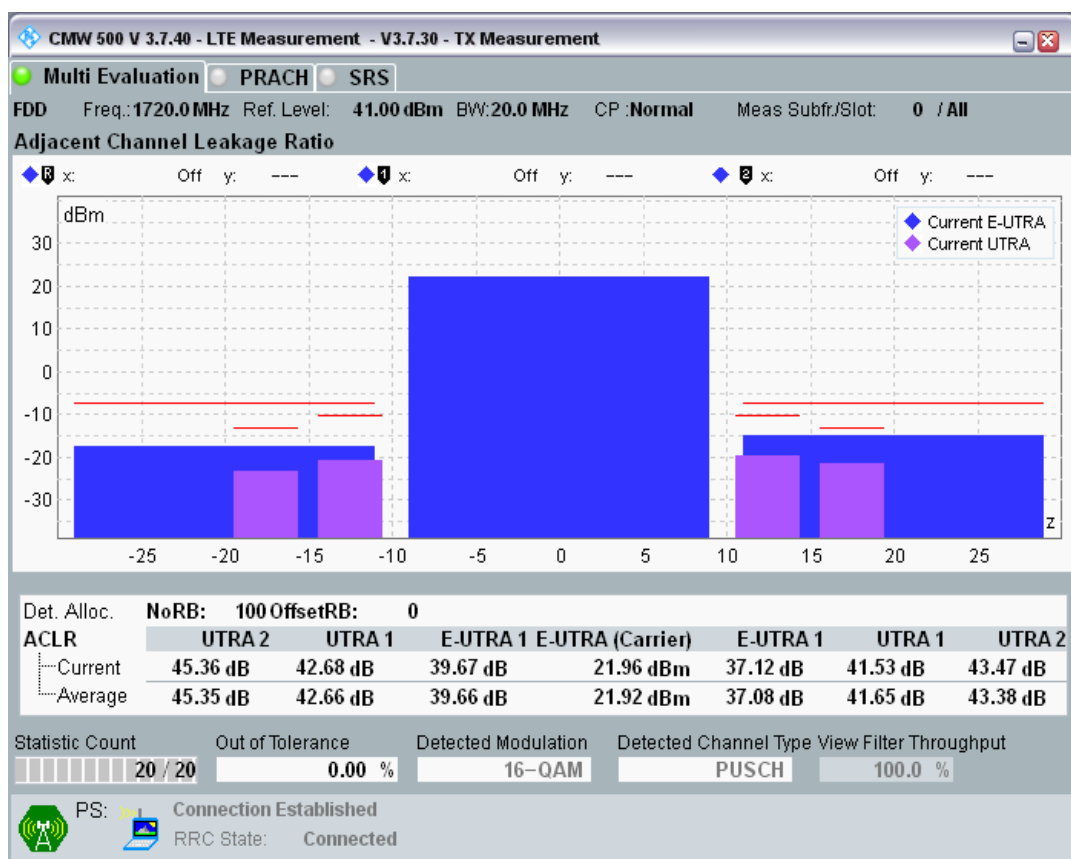
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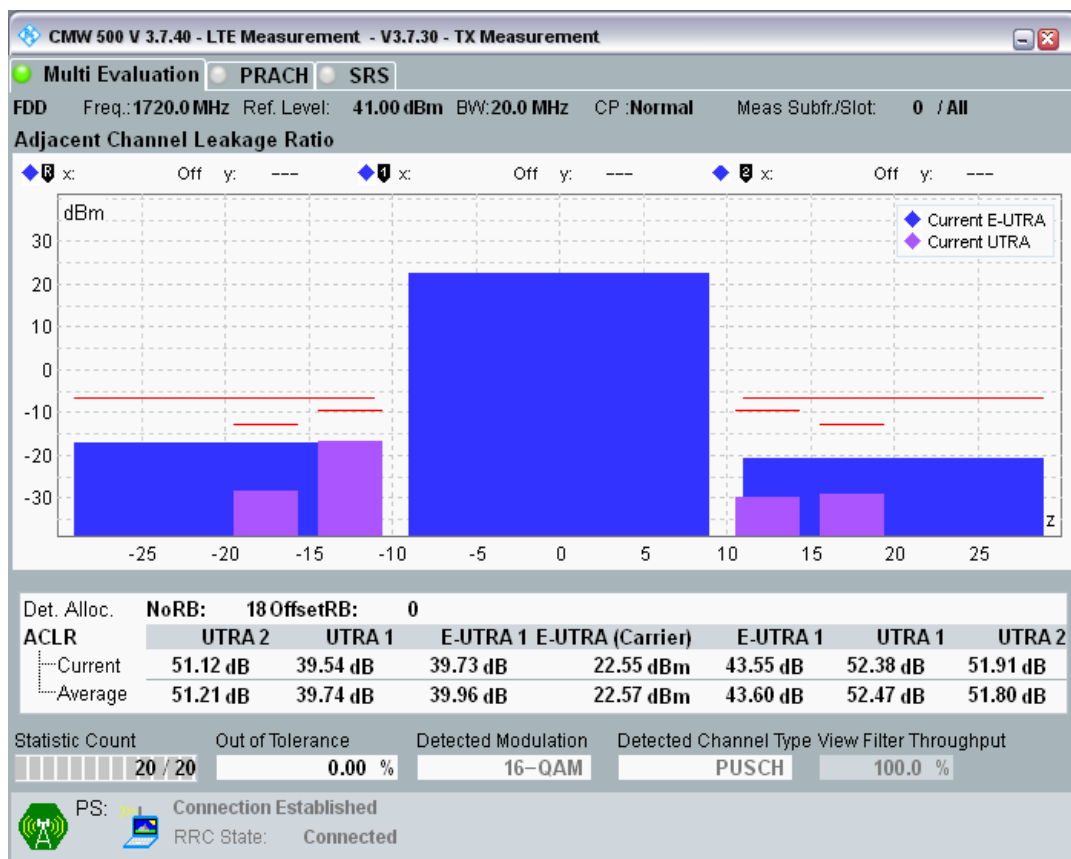
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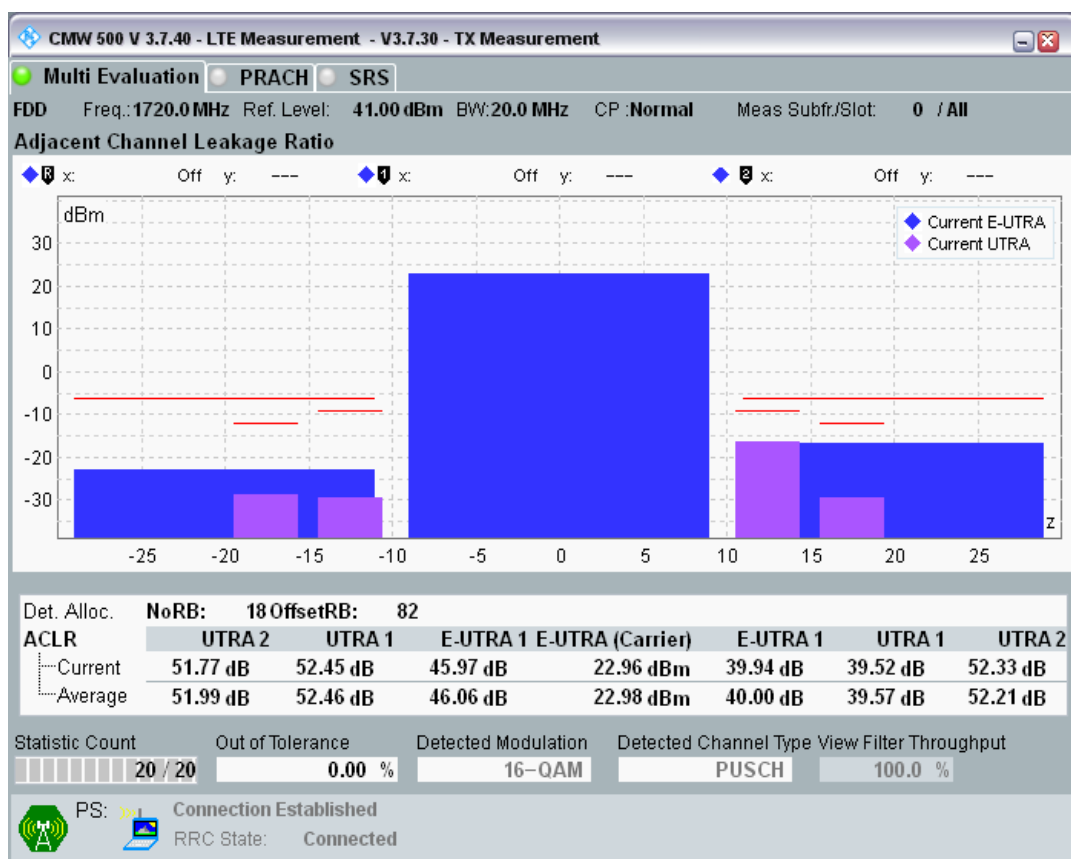
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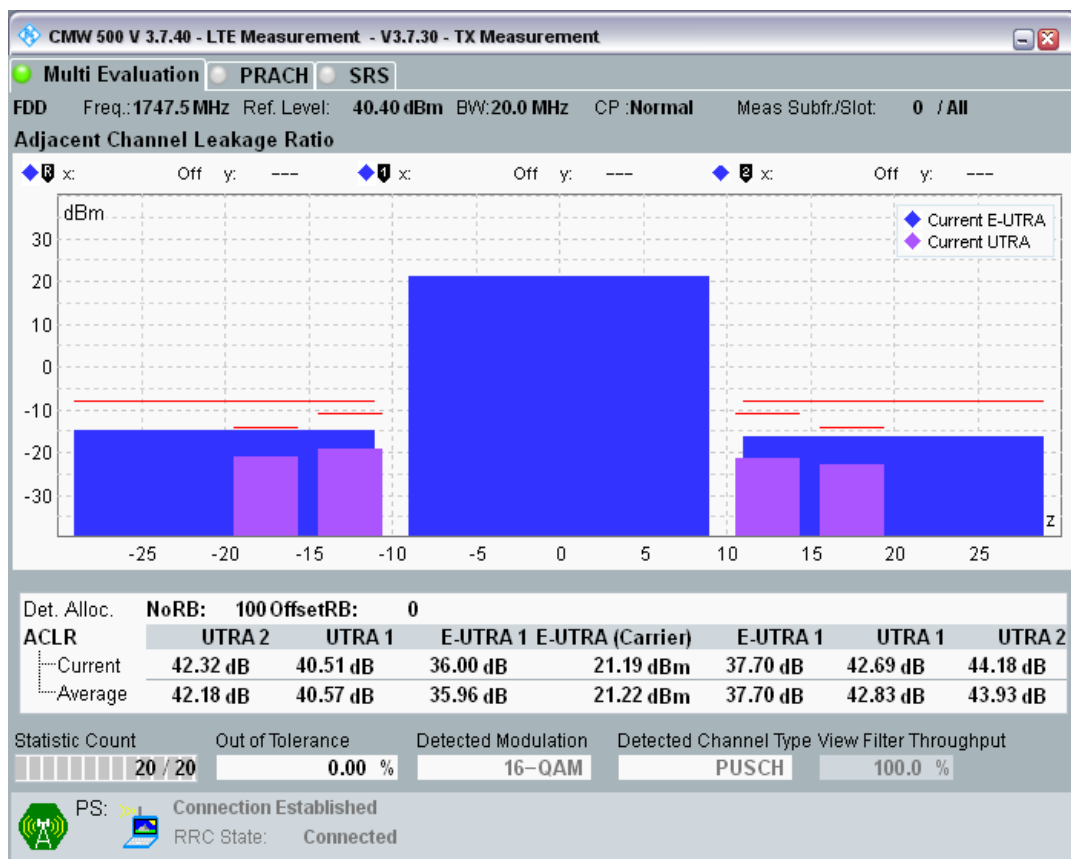
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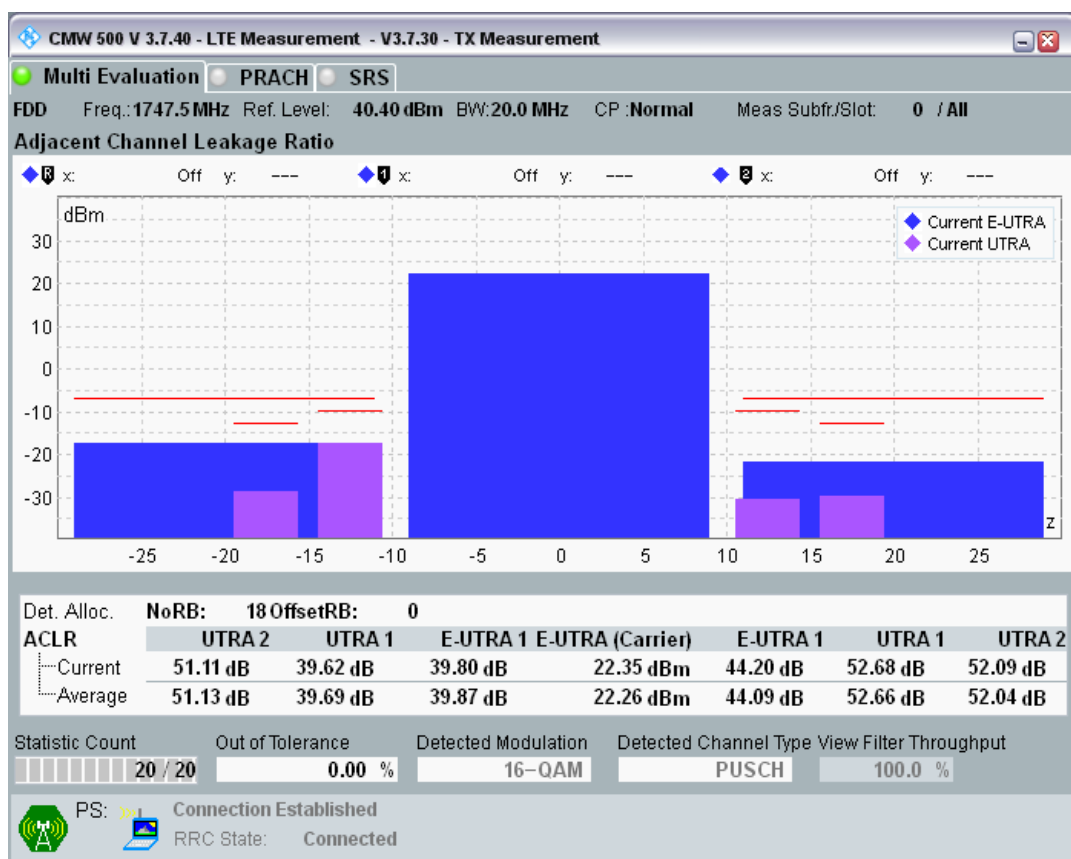
Band3 QAM16 BW=20MHz Channel=19300 RB Size=18 Position=#Max.png



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



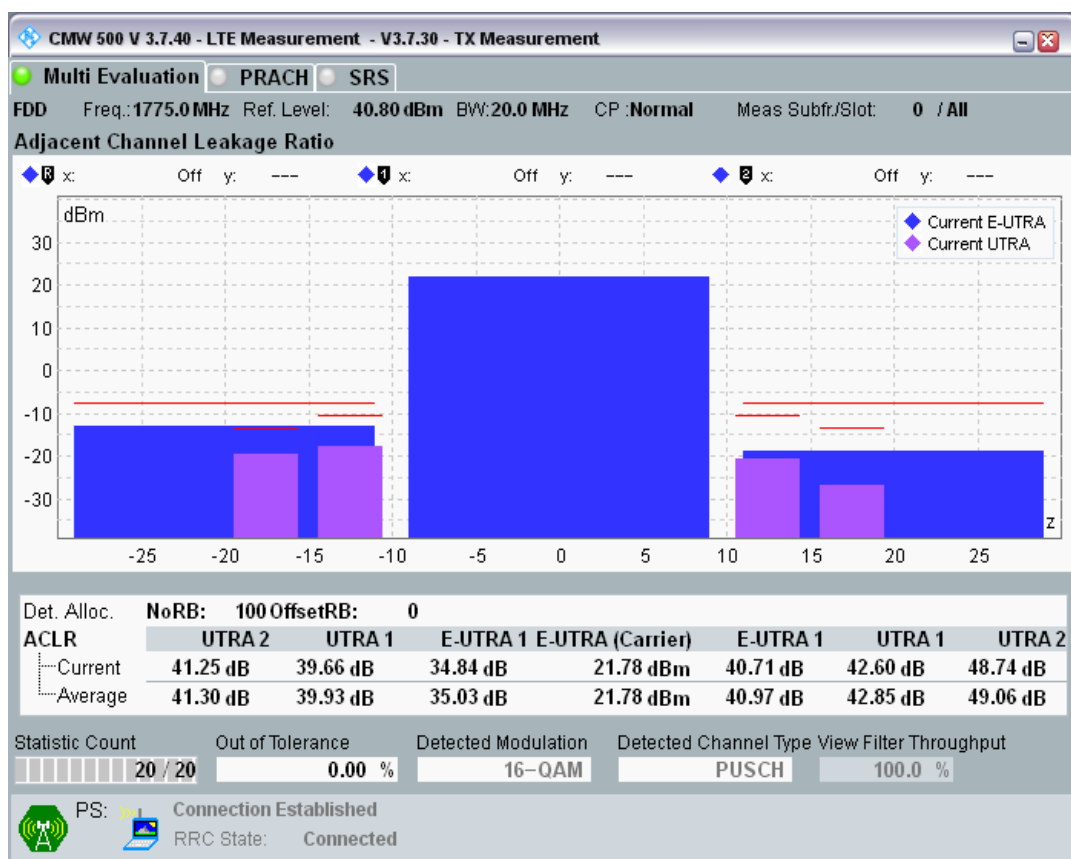
Band3 QAM16 BW=20MHz Channel=19575 RB Size=18 Position=#0.png



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



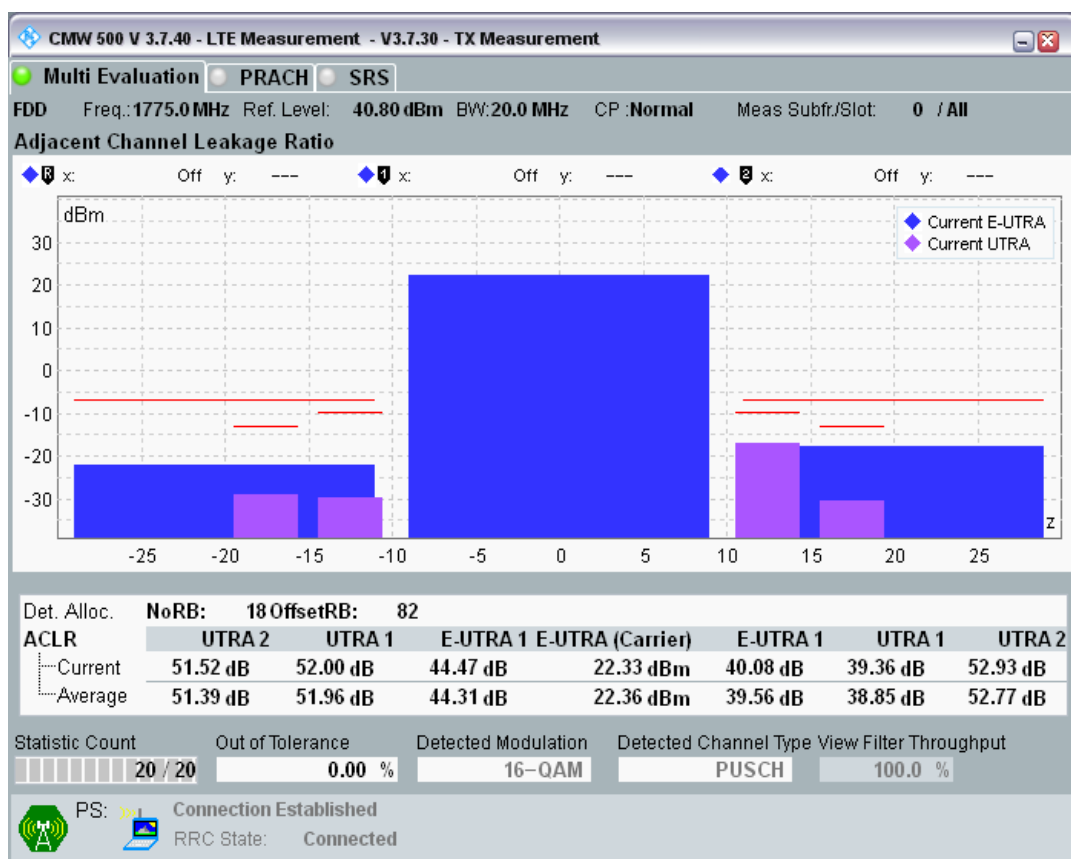
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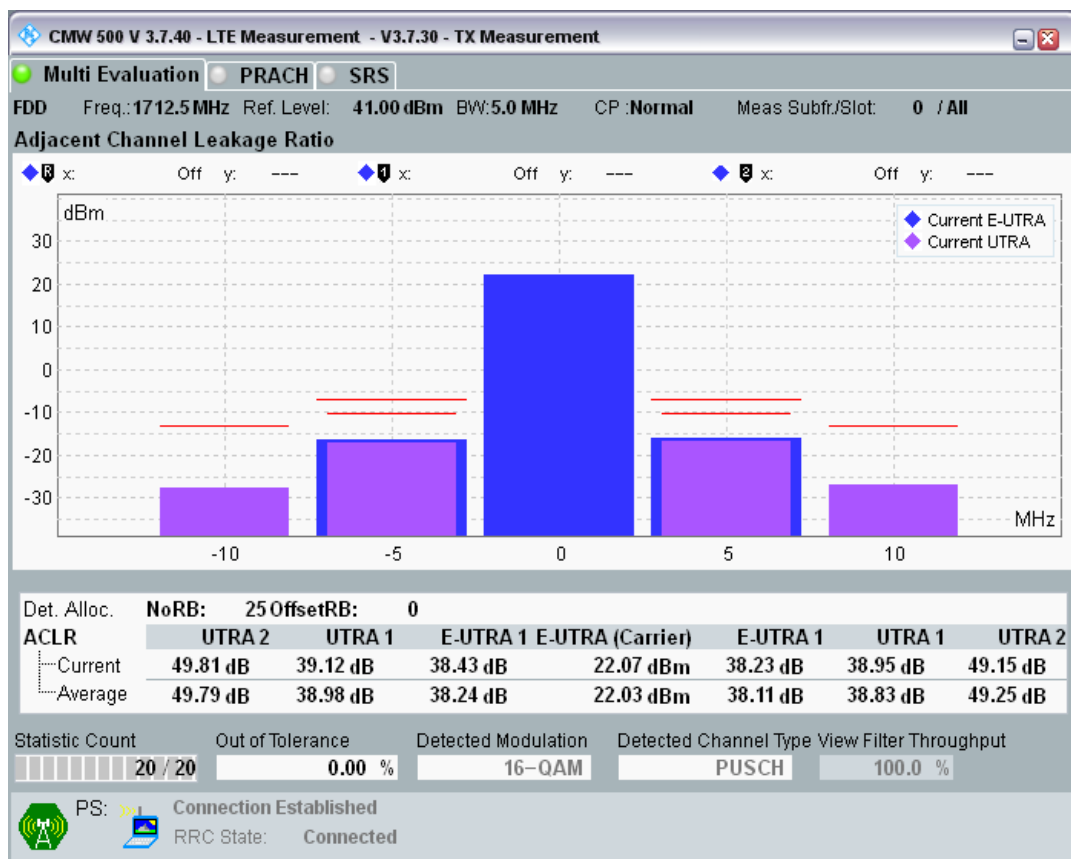
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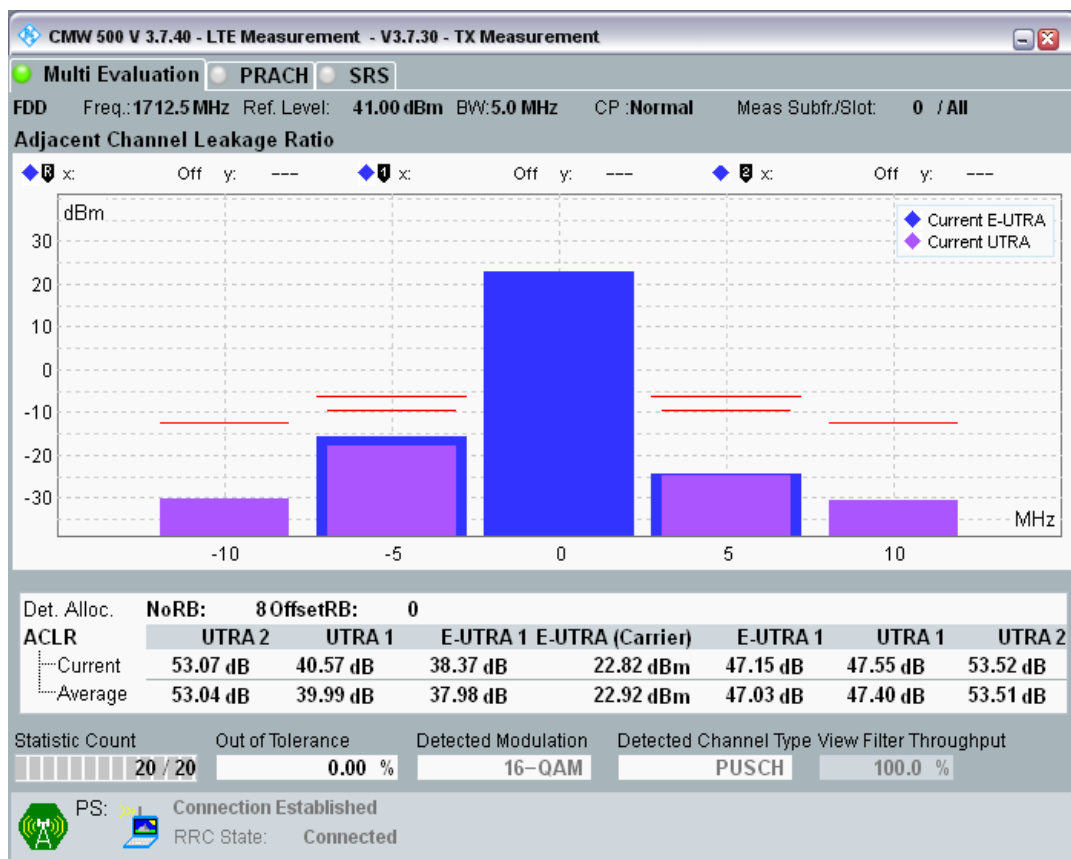
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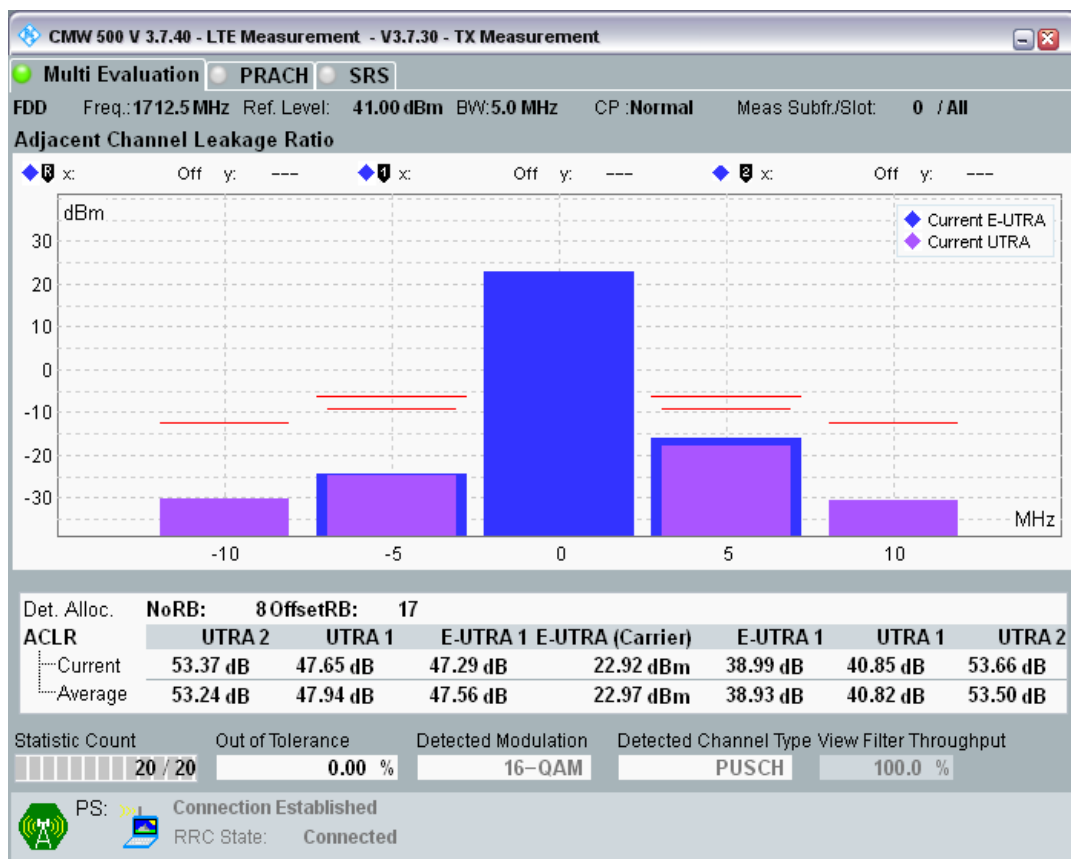
Band3 QAM16 BW=5MHz Channel=19225 RB Size=25 Position=#0.png



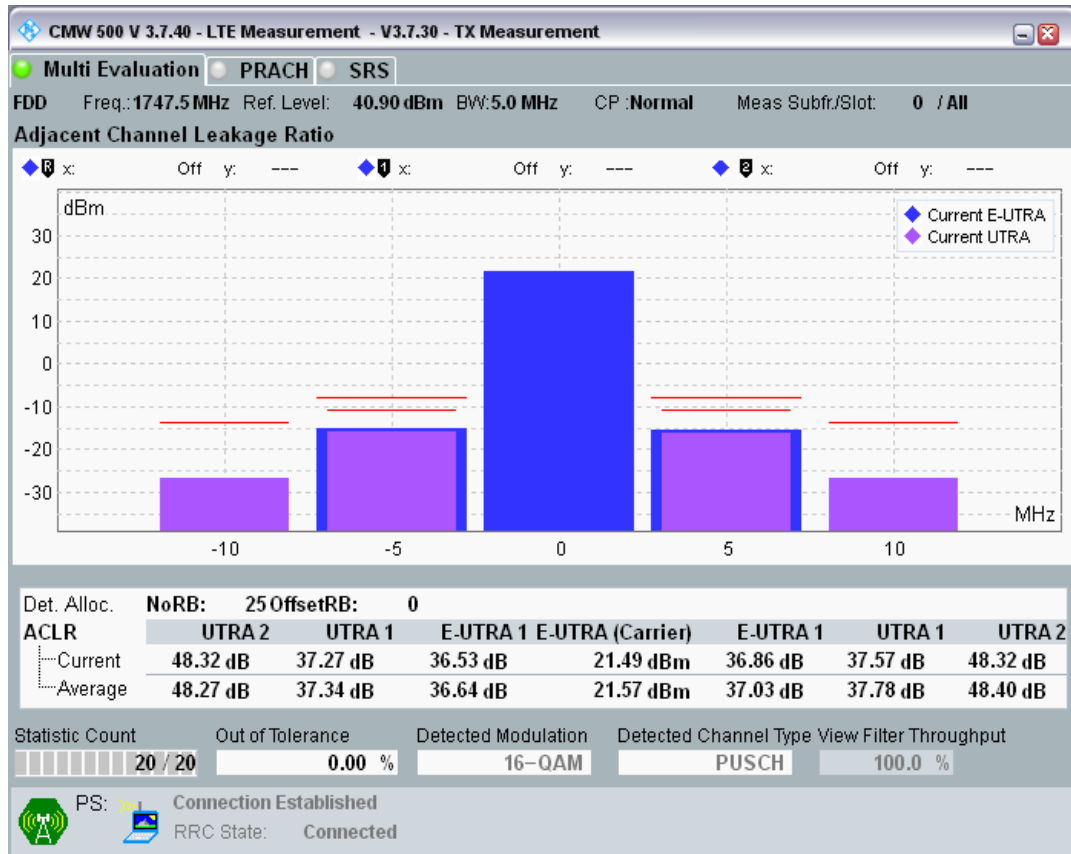
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Band3 QAM16 BW=5MHz Channel=19225 RB Size=8 Position=#Max.png



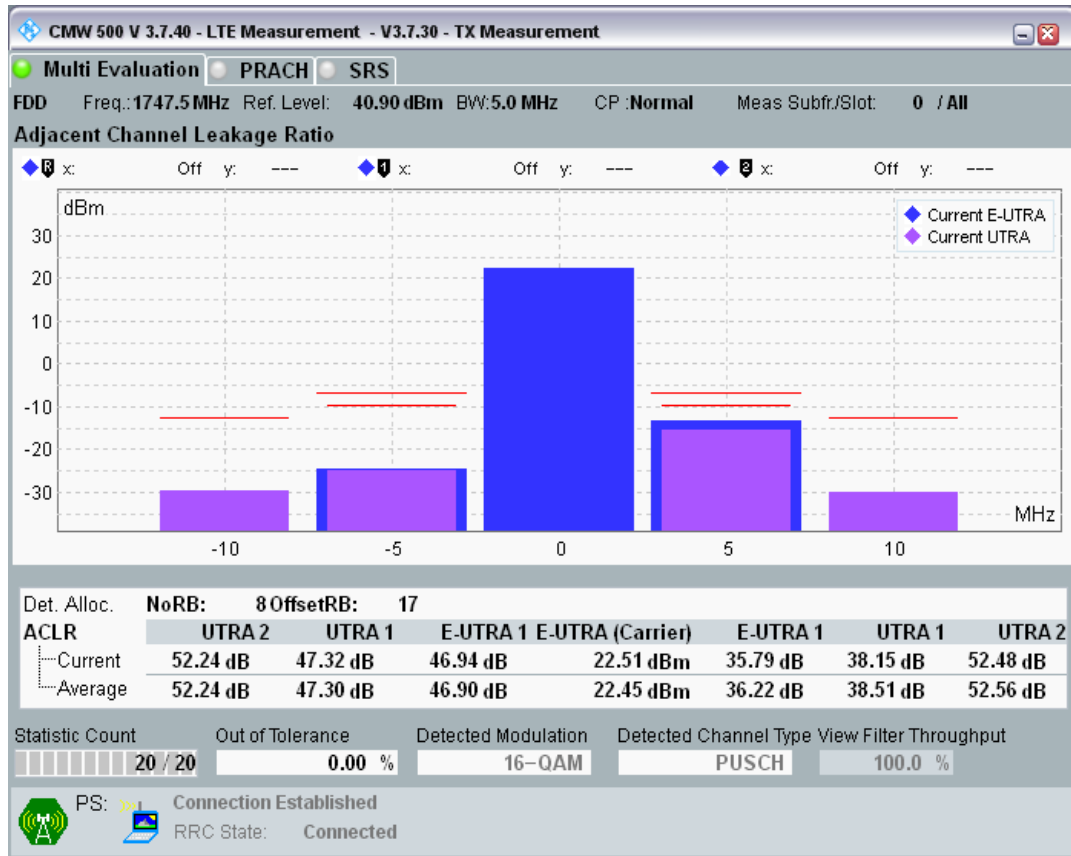
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Band3 QAM16 BW=5MHz Channel=19575 RB Size=8 Position=#0.png



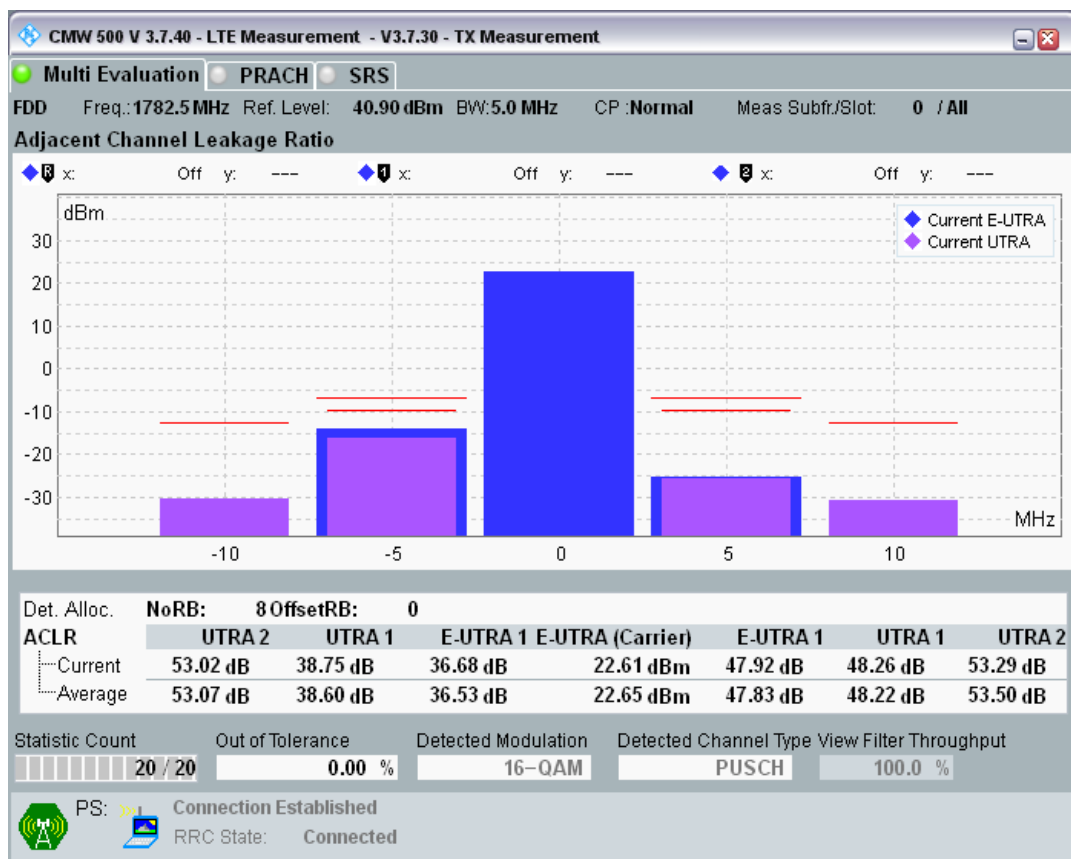
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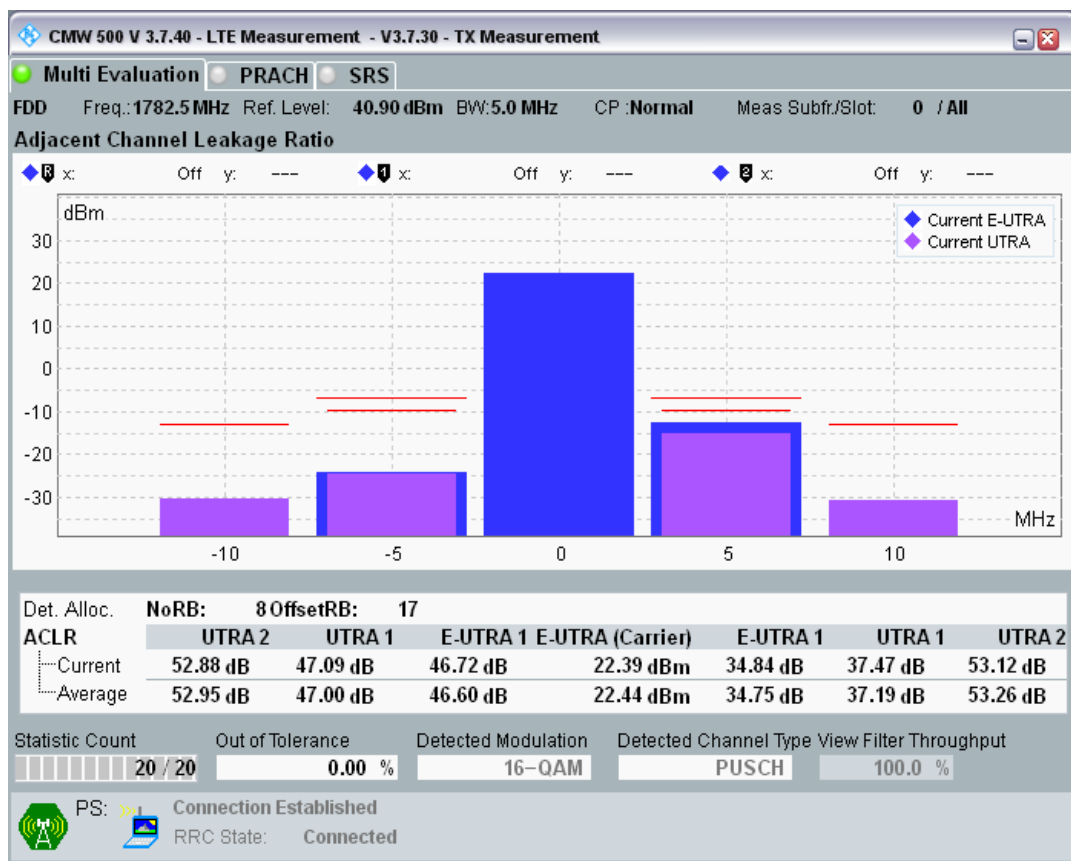
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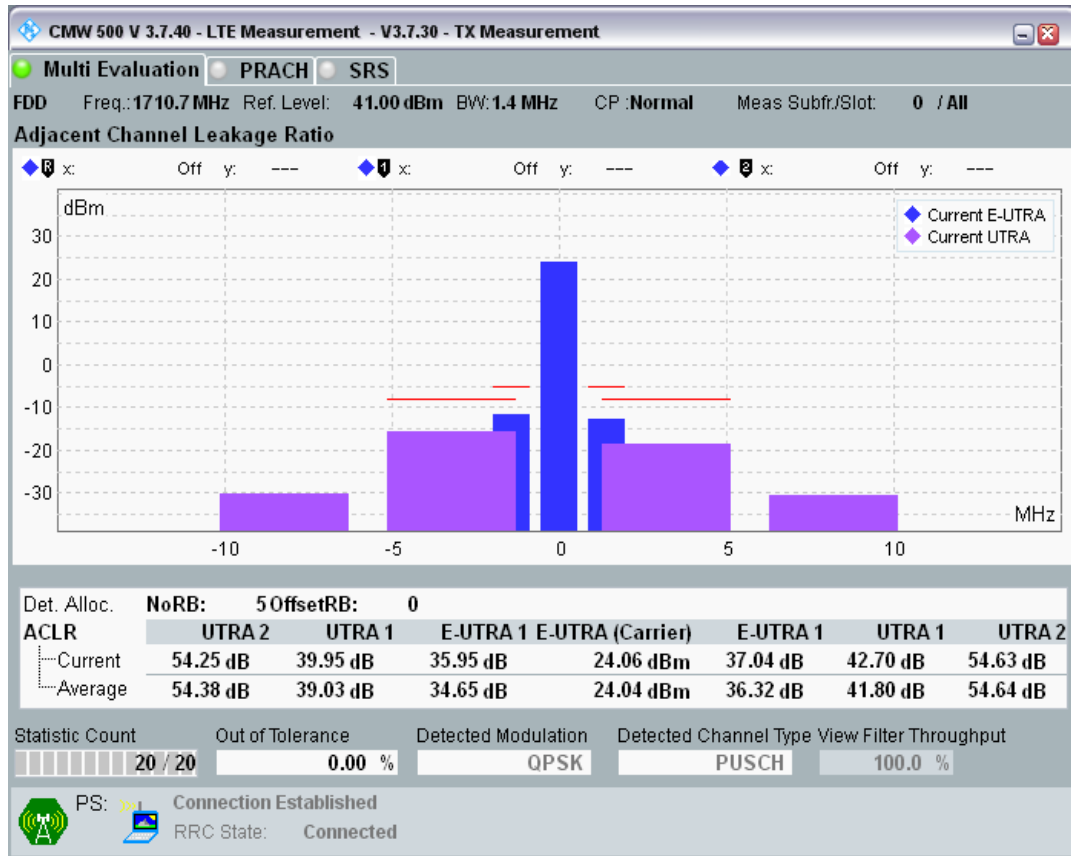
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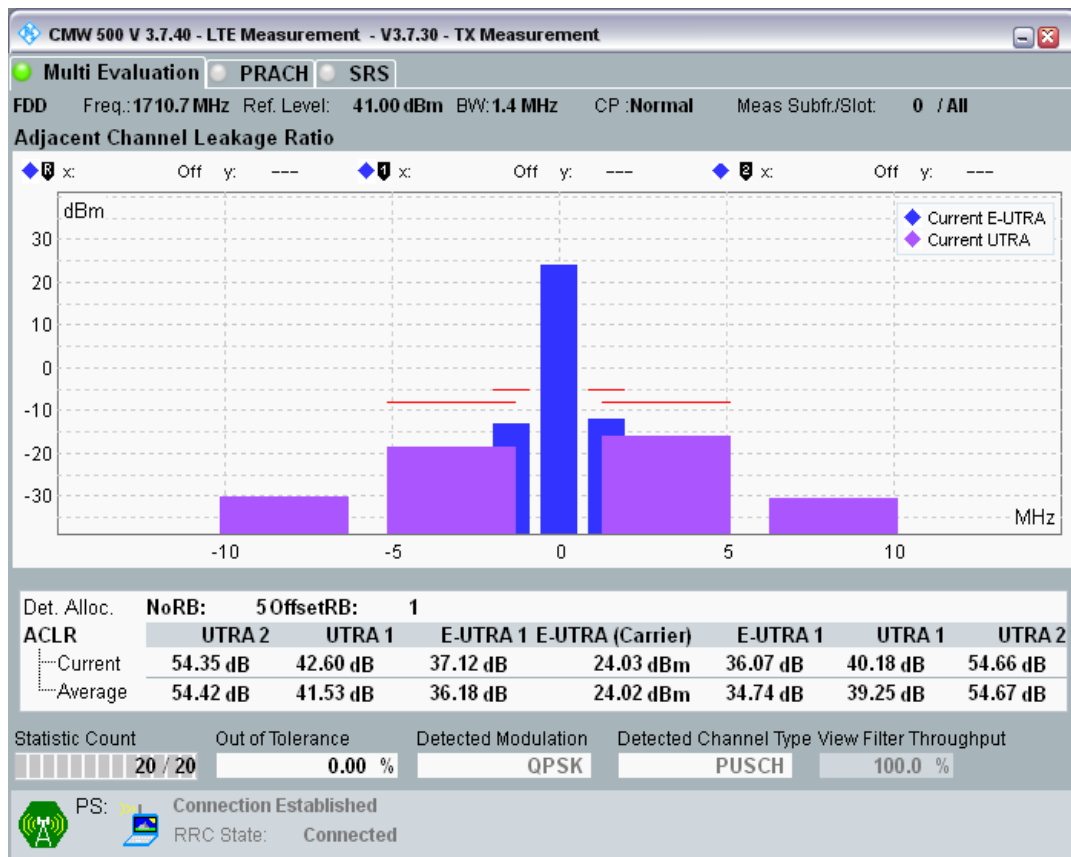
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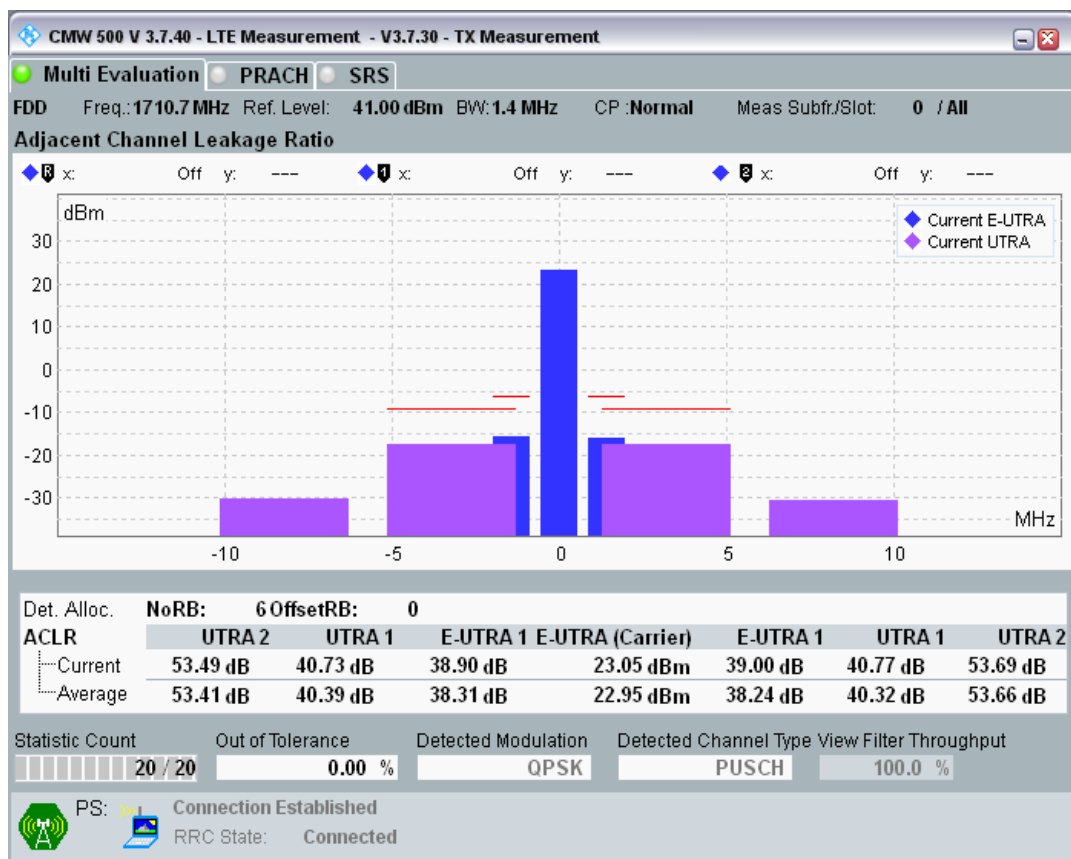
Band3 QPSK BW=1.4MHz Channel=19207 RB Size=5 Position=#0.png



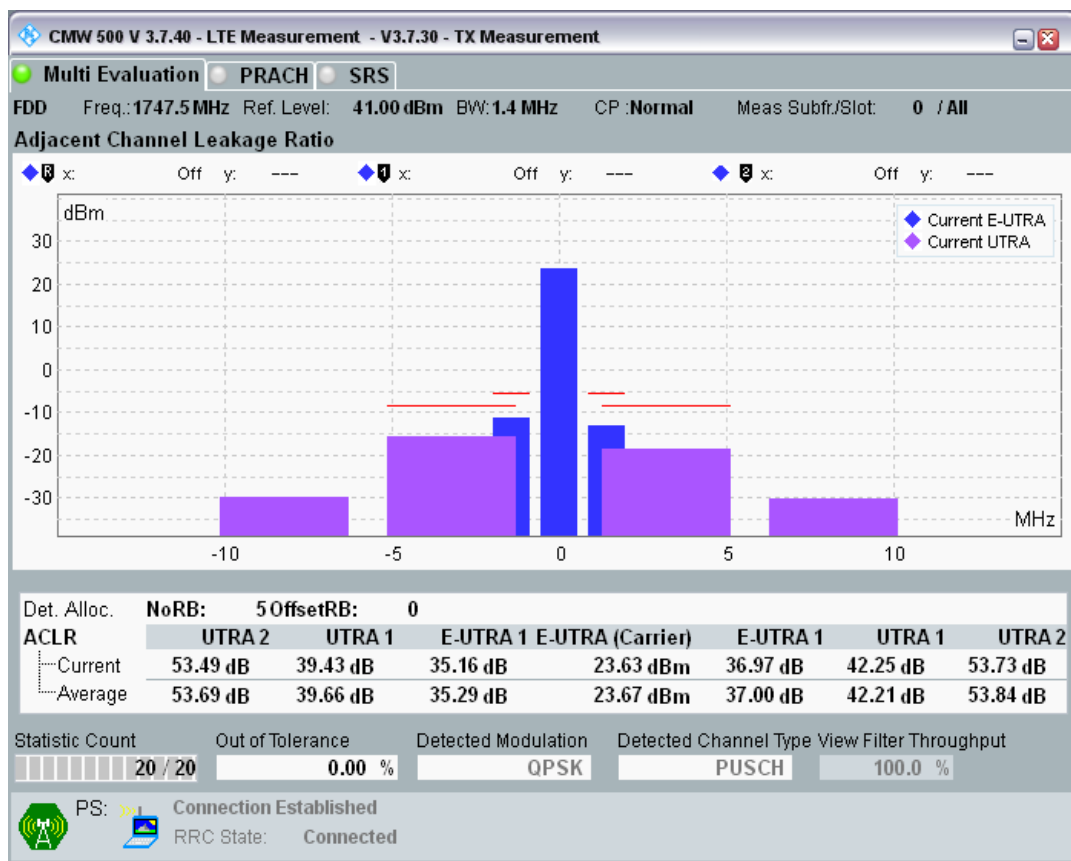
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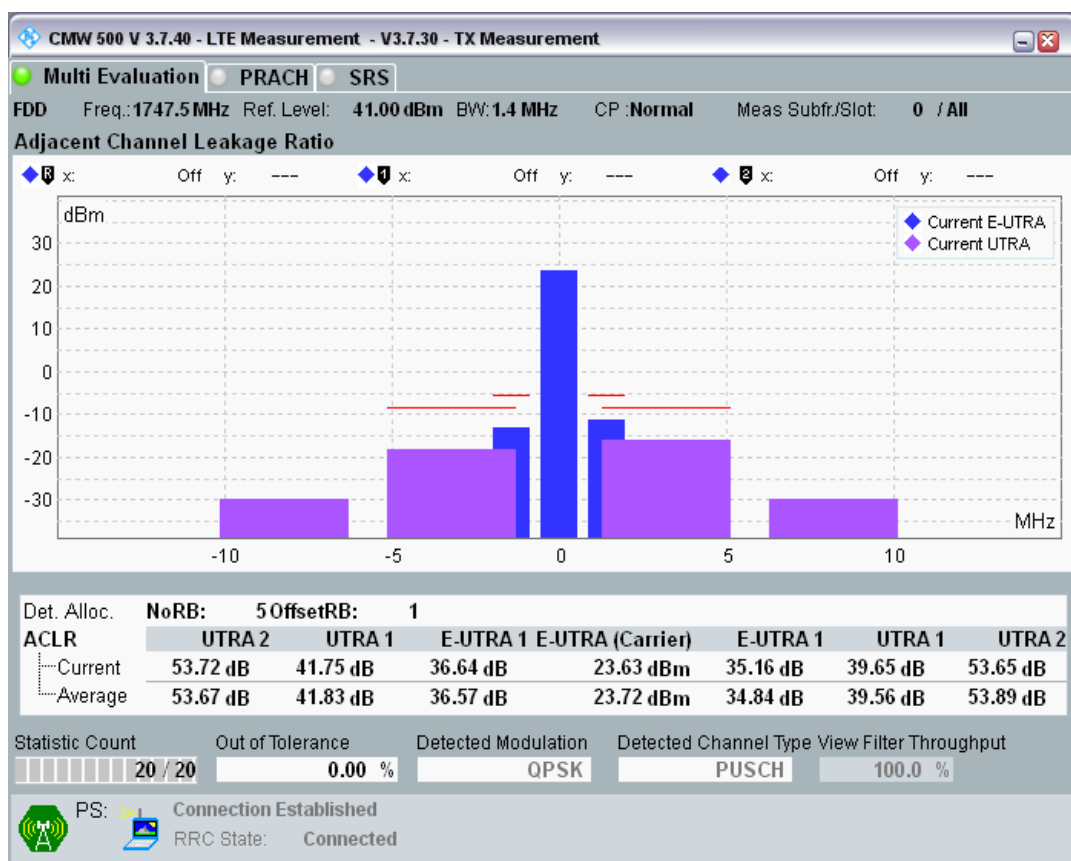
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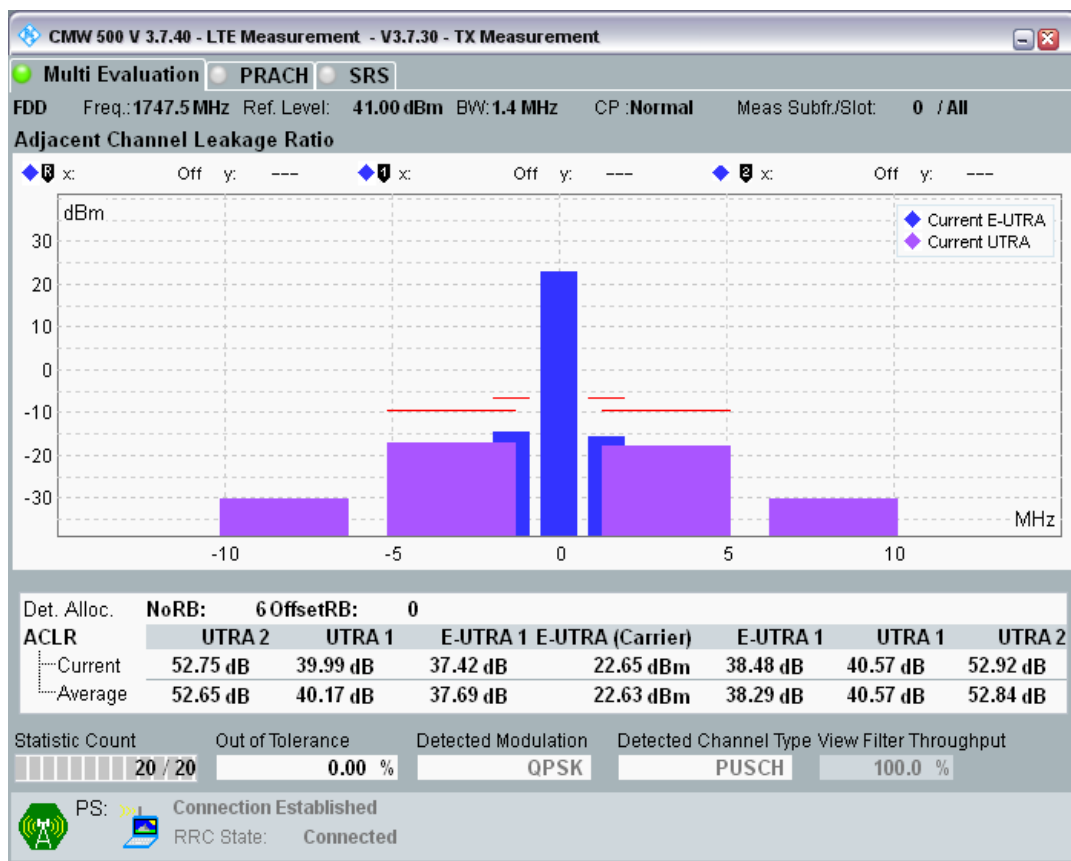
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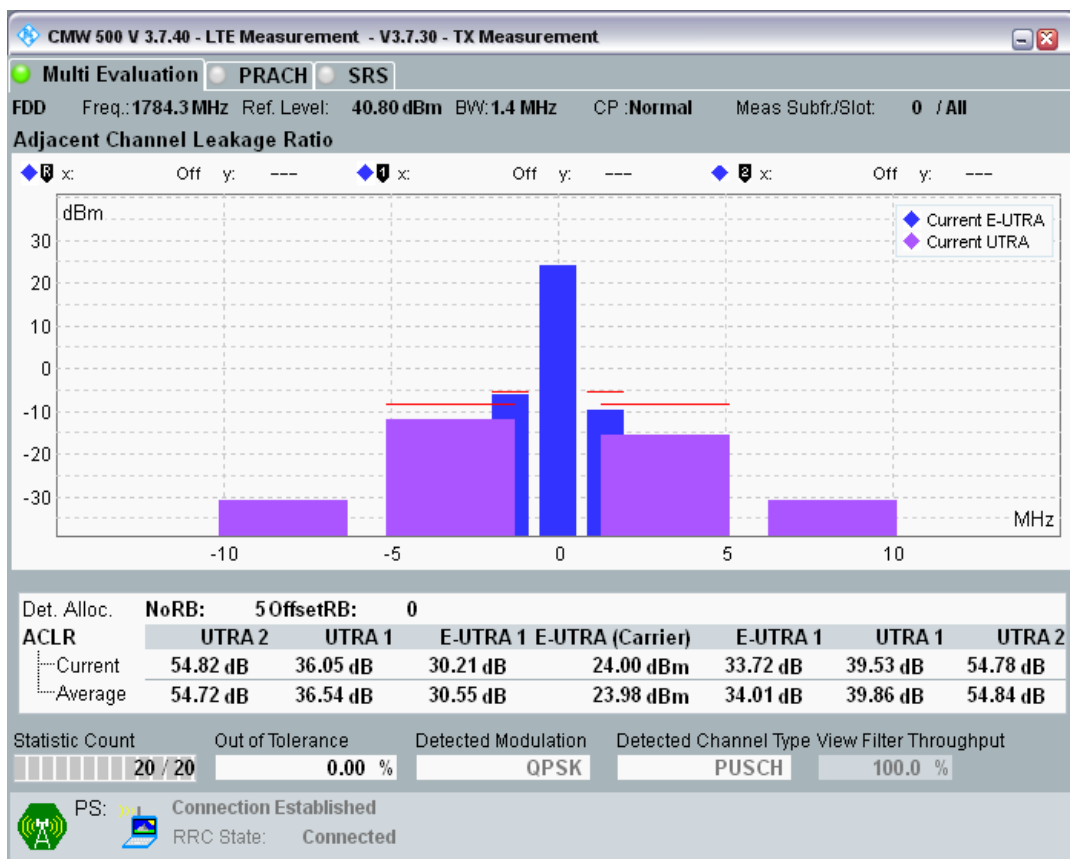
Band3 QPSK BW=1.4MHz Channel=19575 RB Size=5 Position=#Max.png



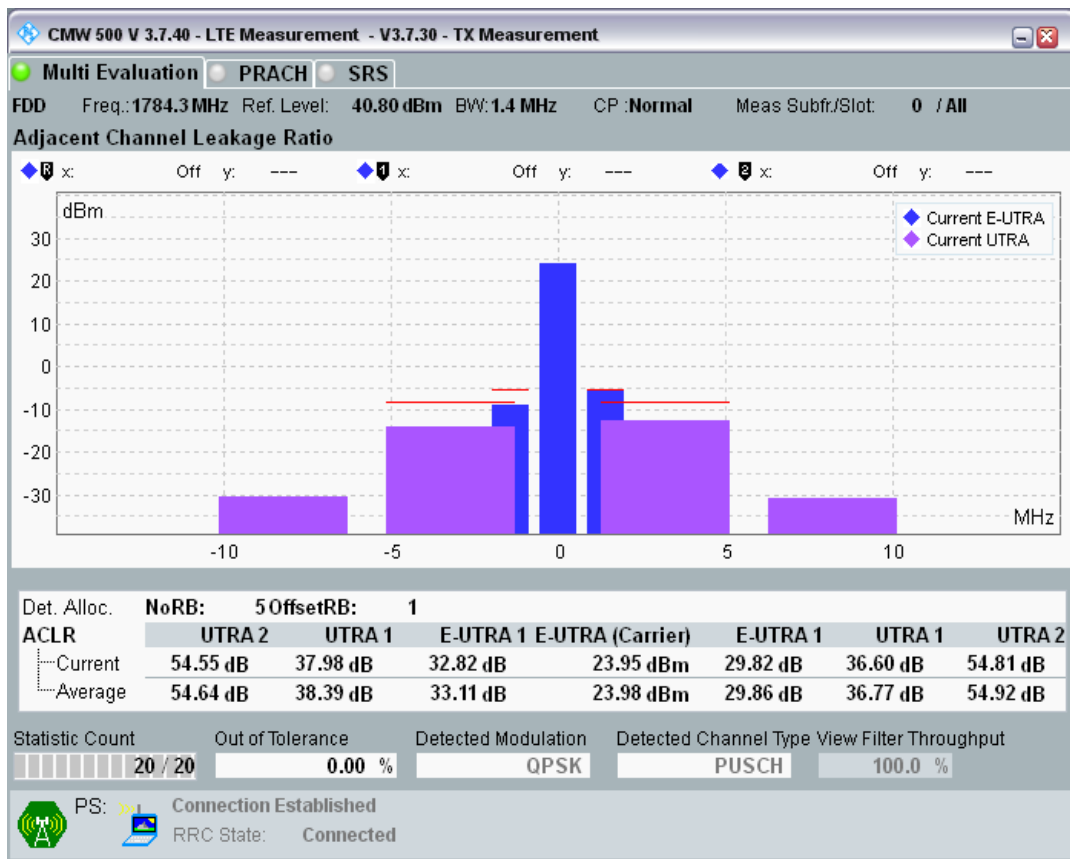
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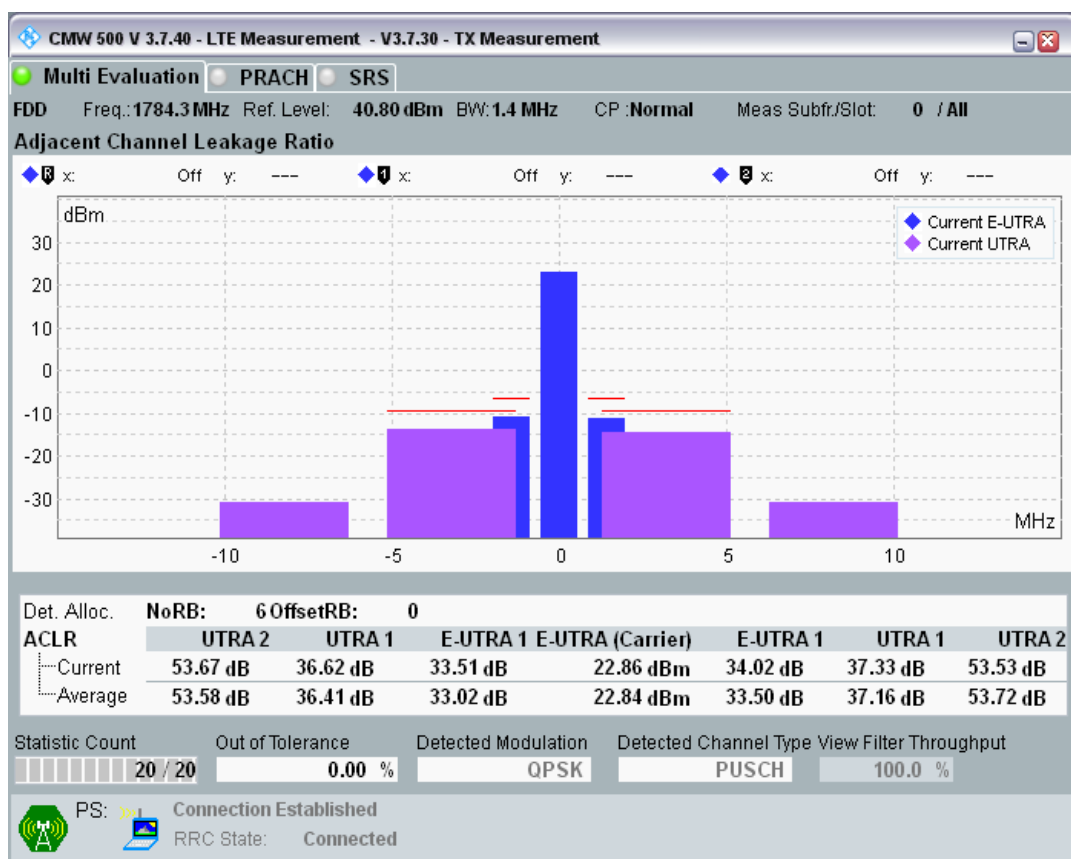
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



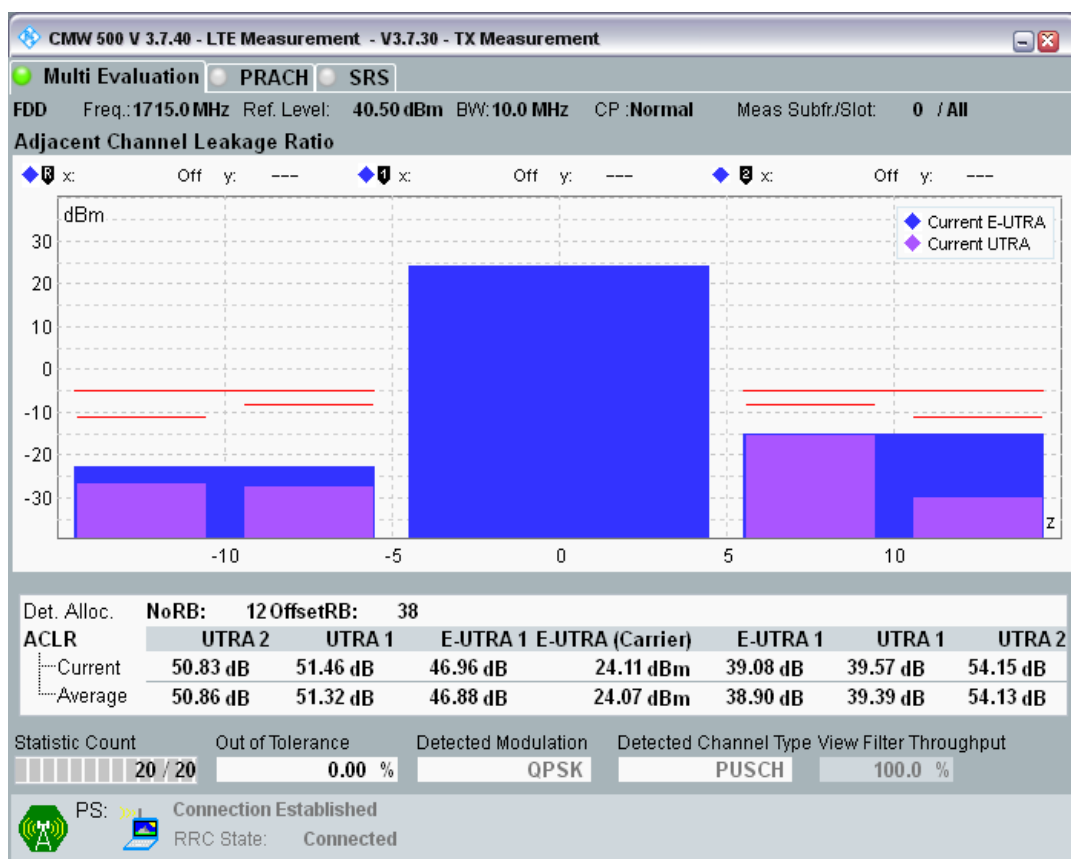
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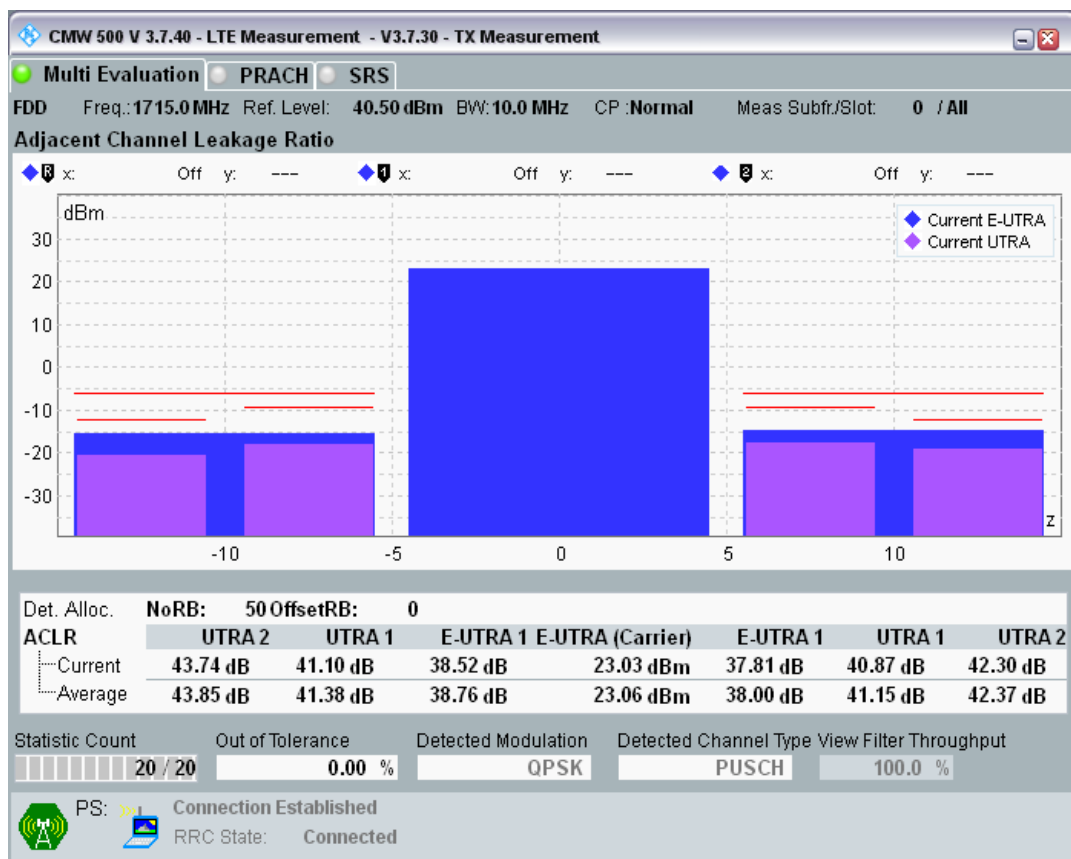
Band3 QPSK BW=10MHz Channel=19250 RB Size=12 Position=#0.png



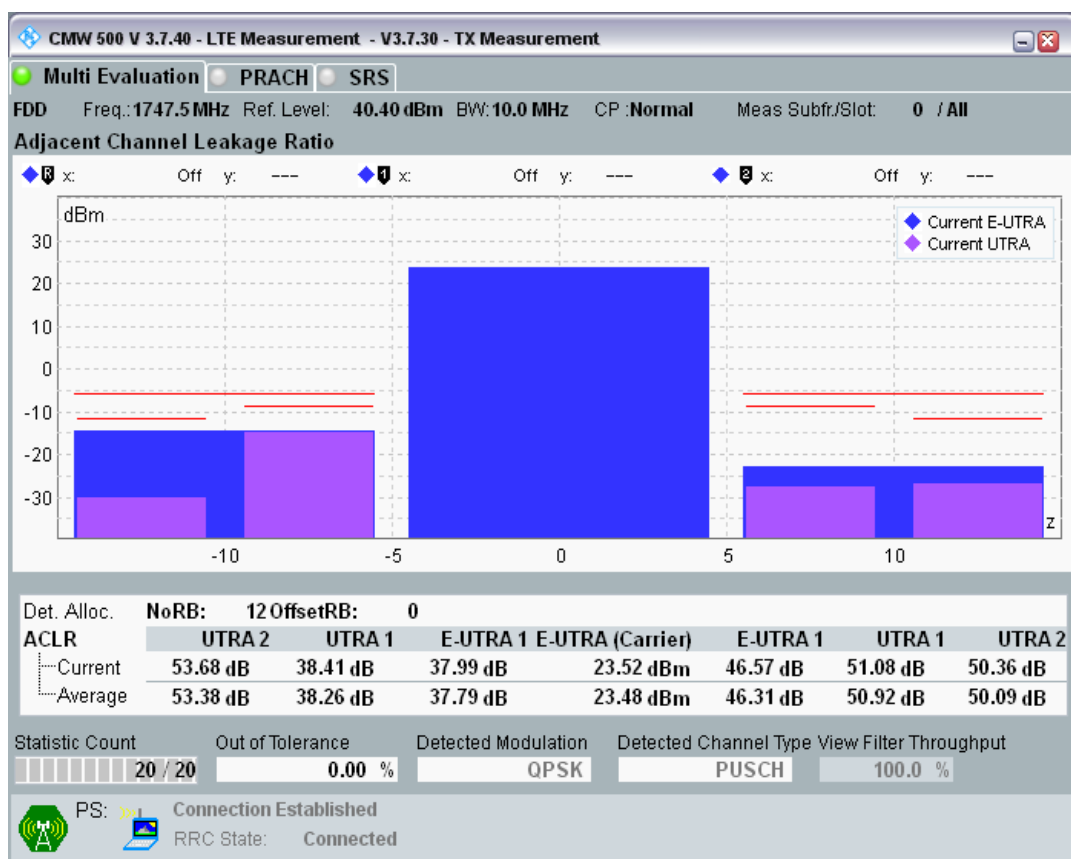
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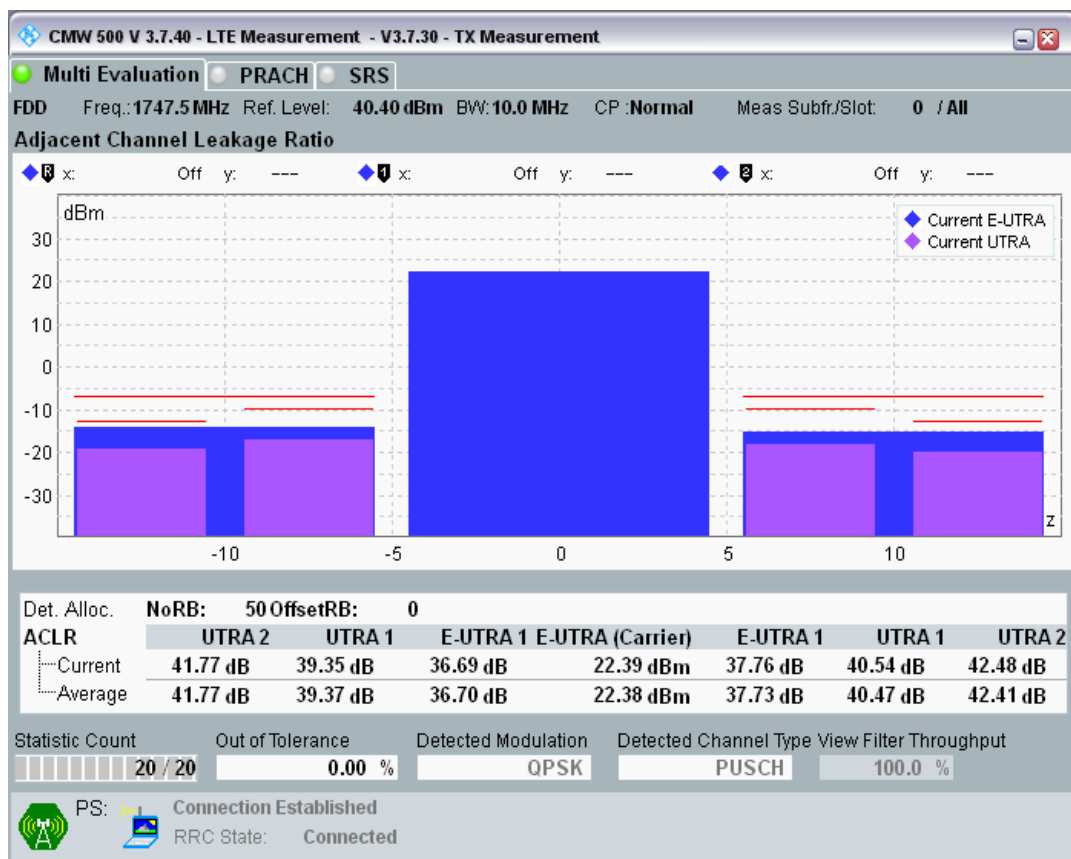
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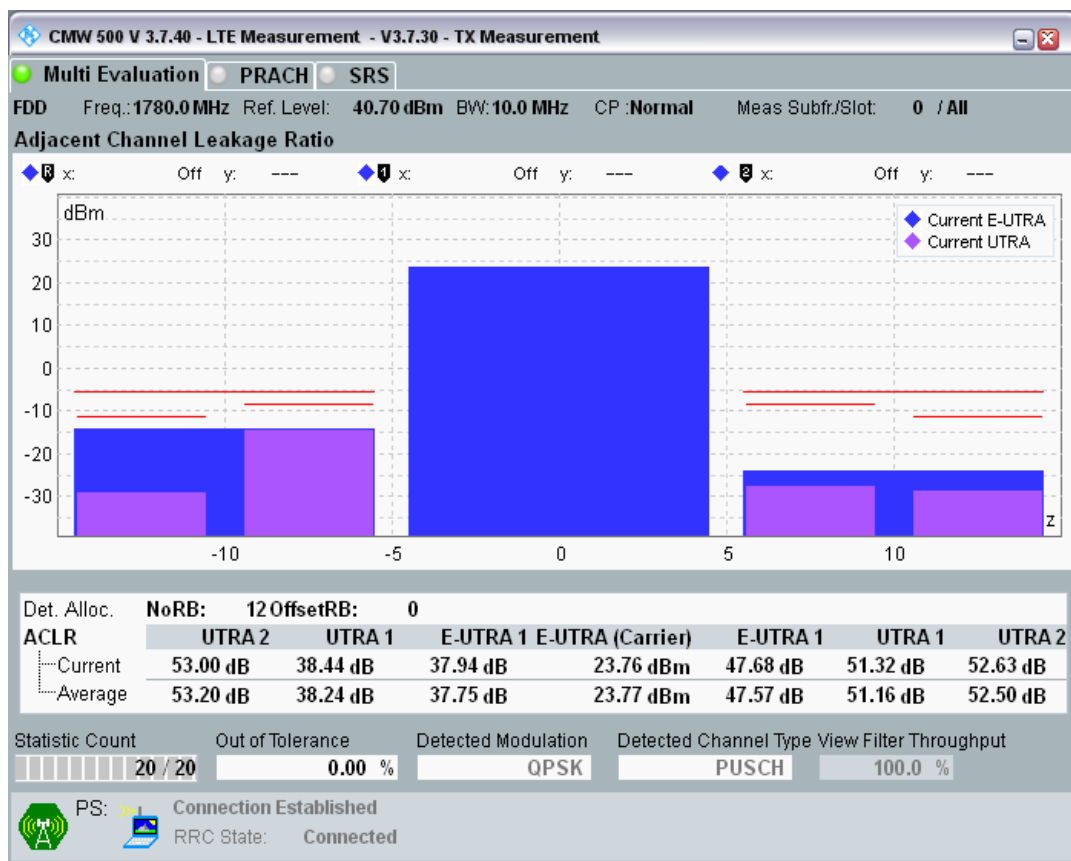
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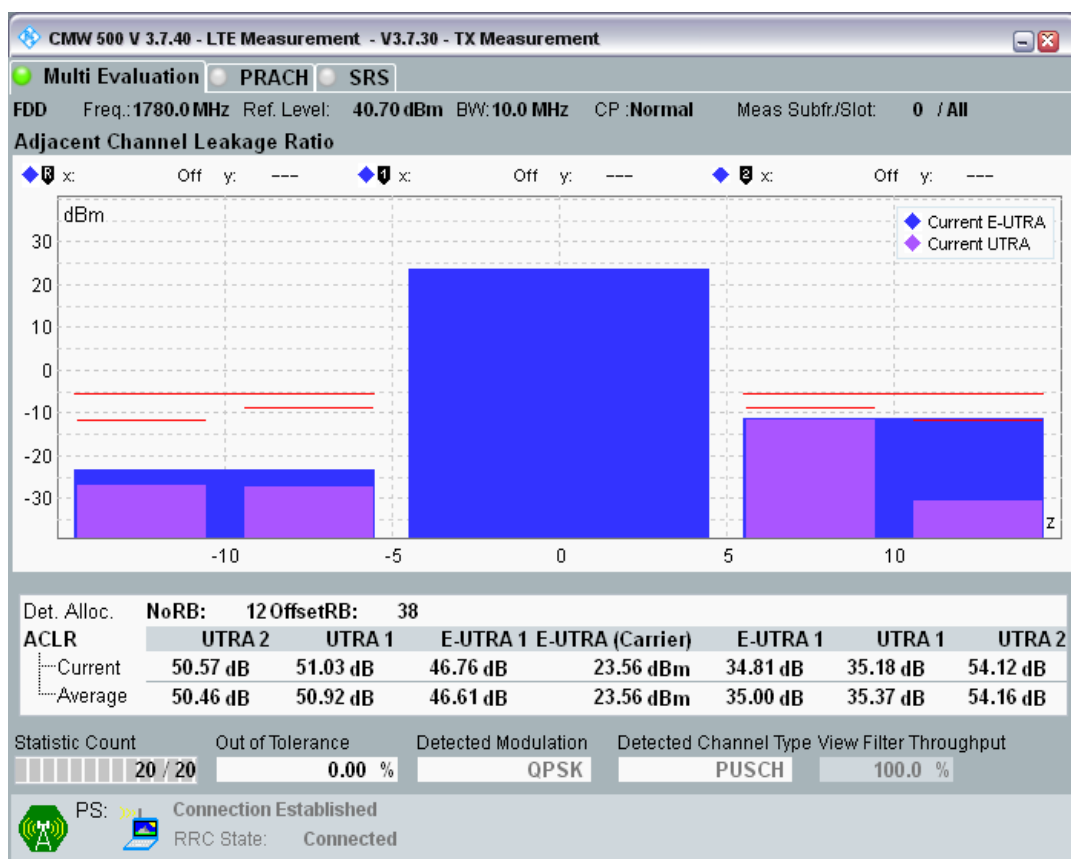
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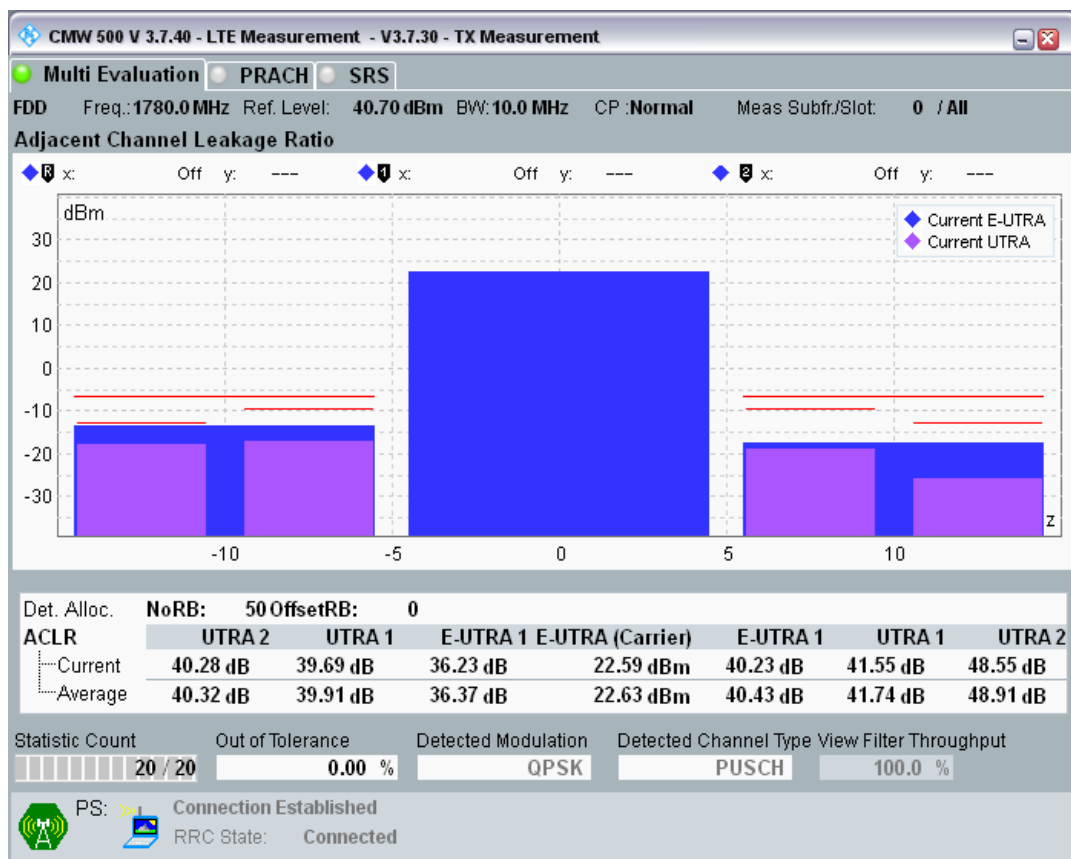
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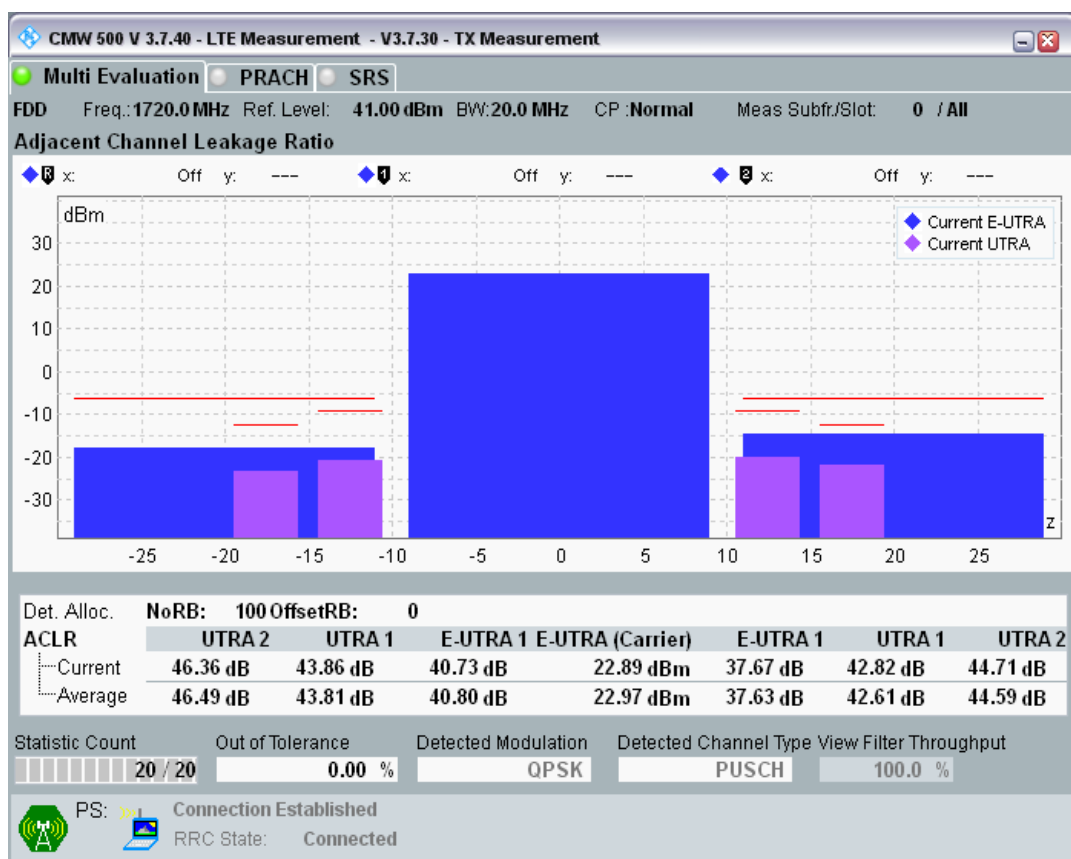
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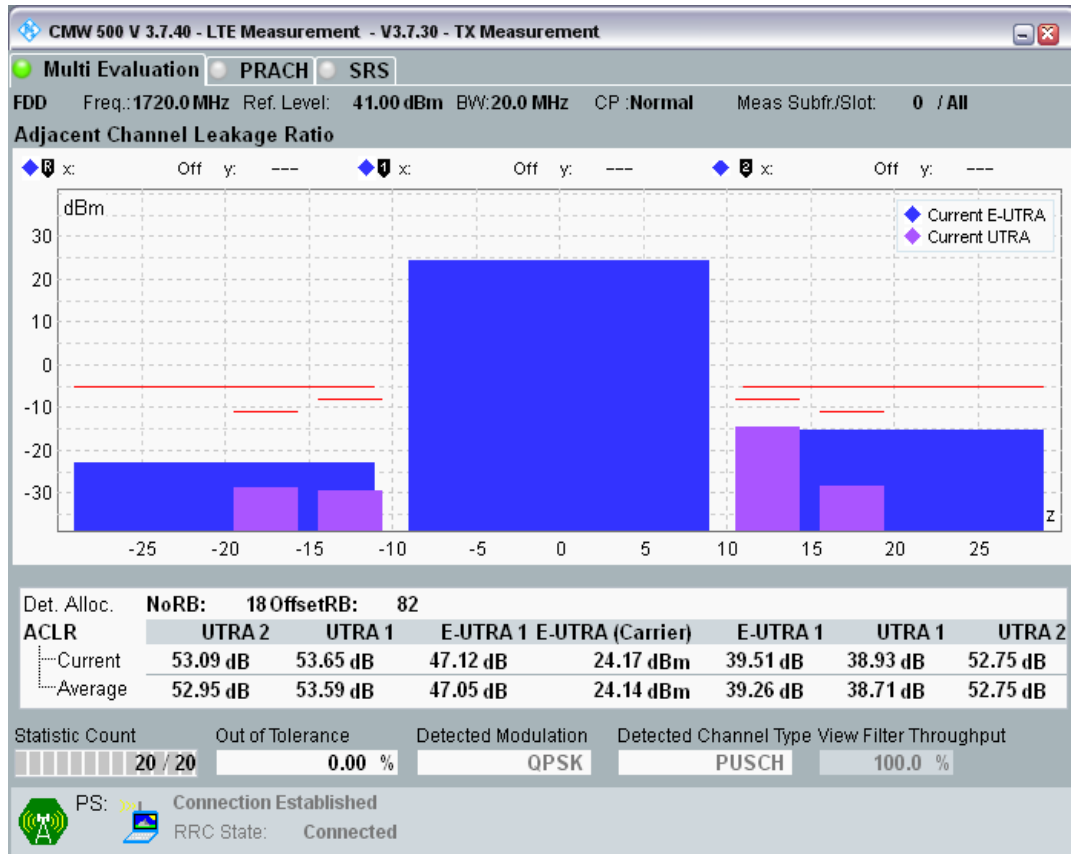
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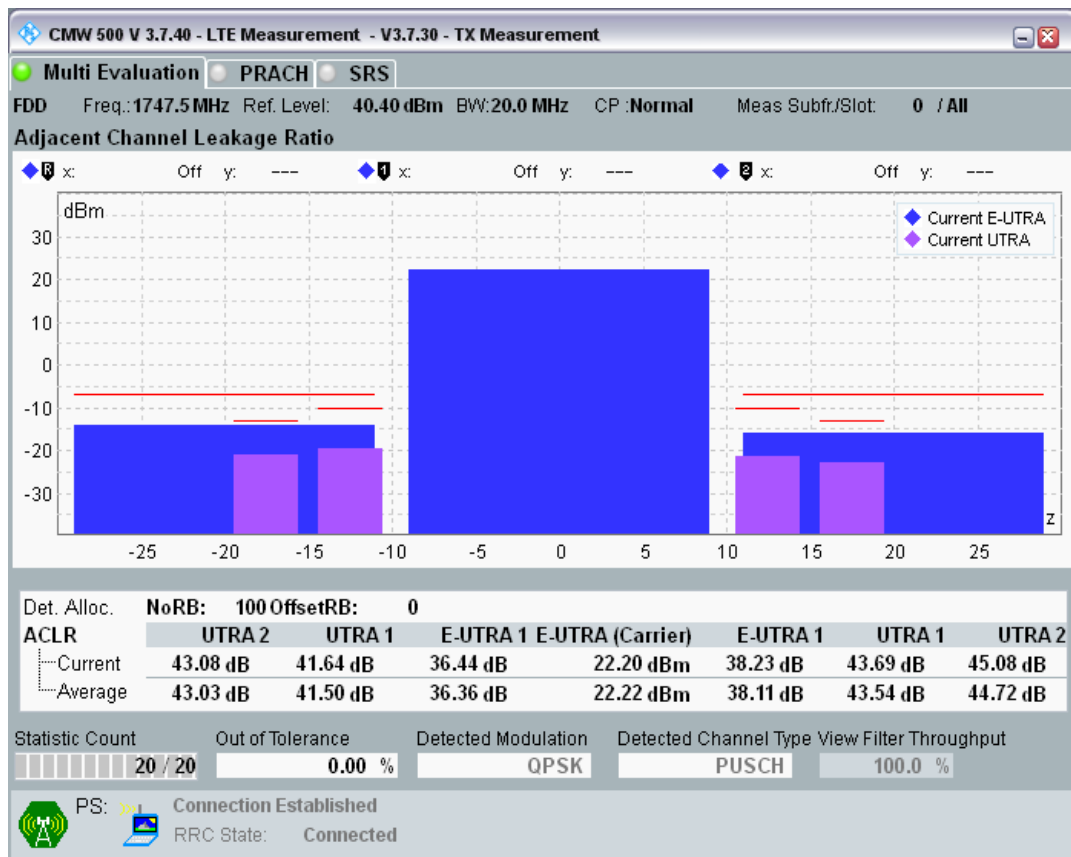
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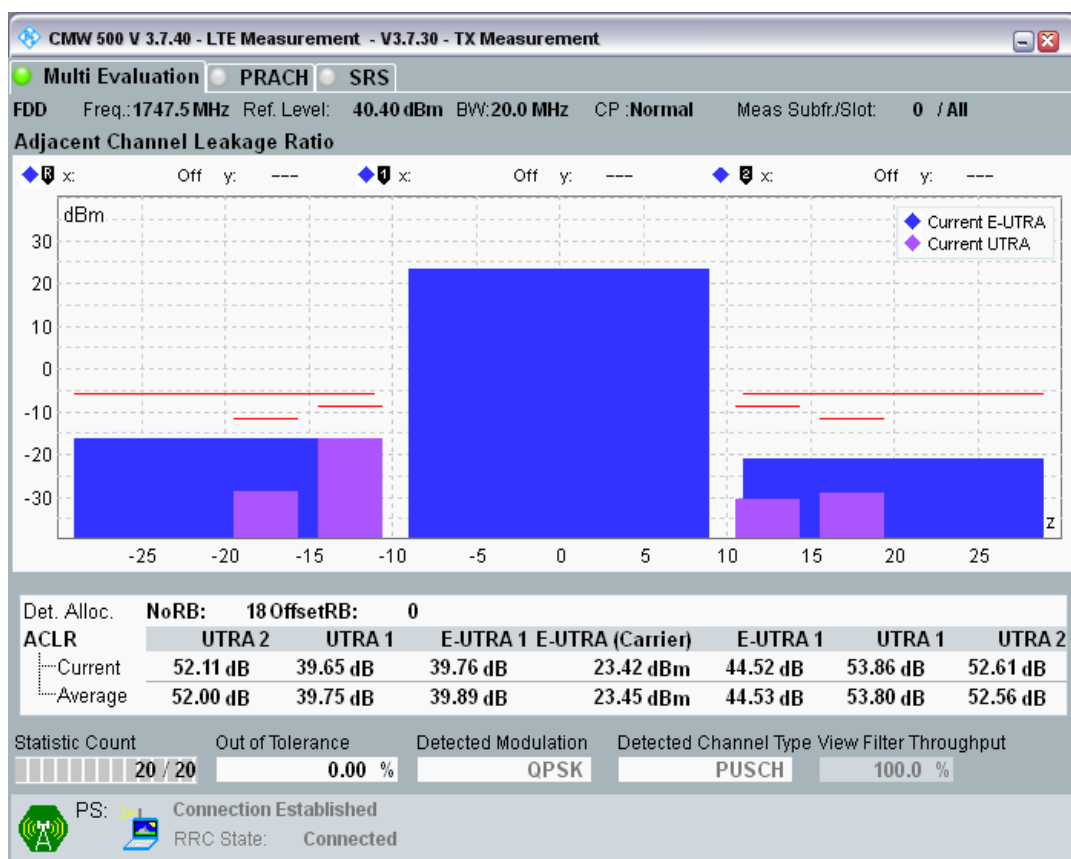
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Band3 QPSK BW=20MHz Channel=19575 RB Size=100 Position=#0.png



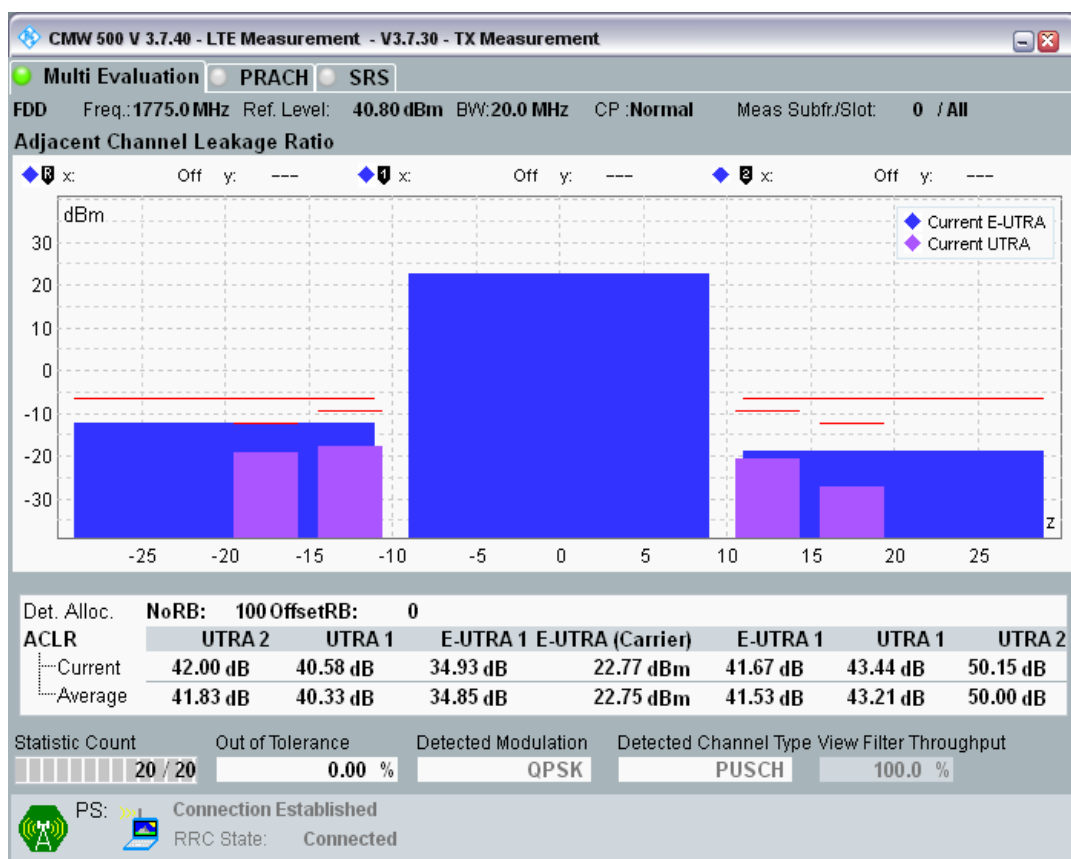
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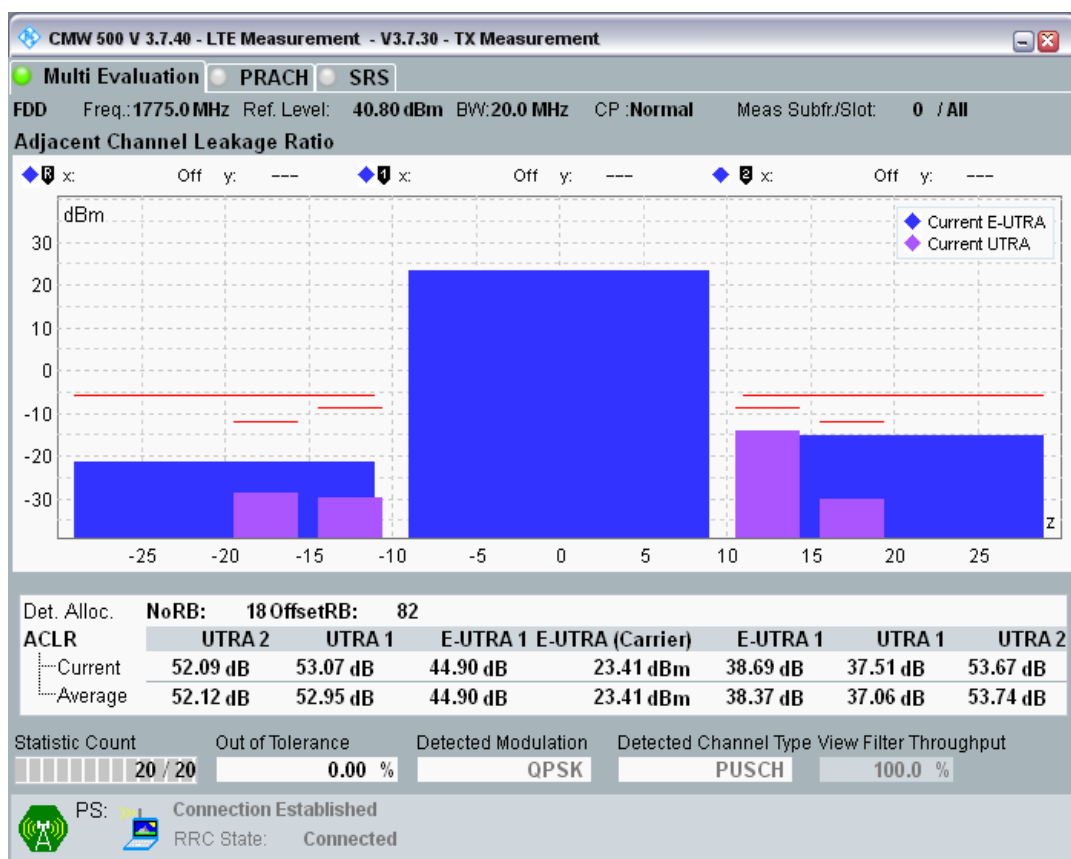
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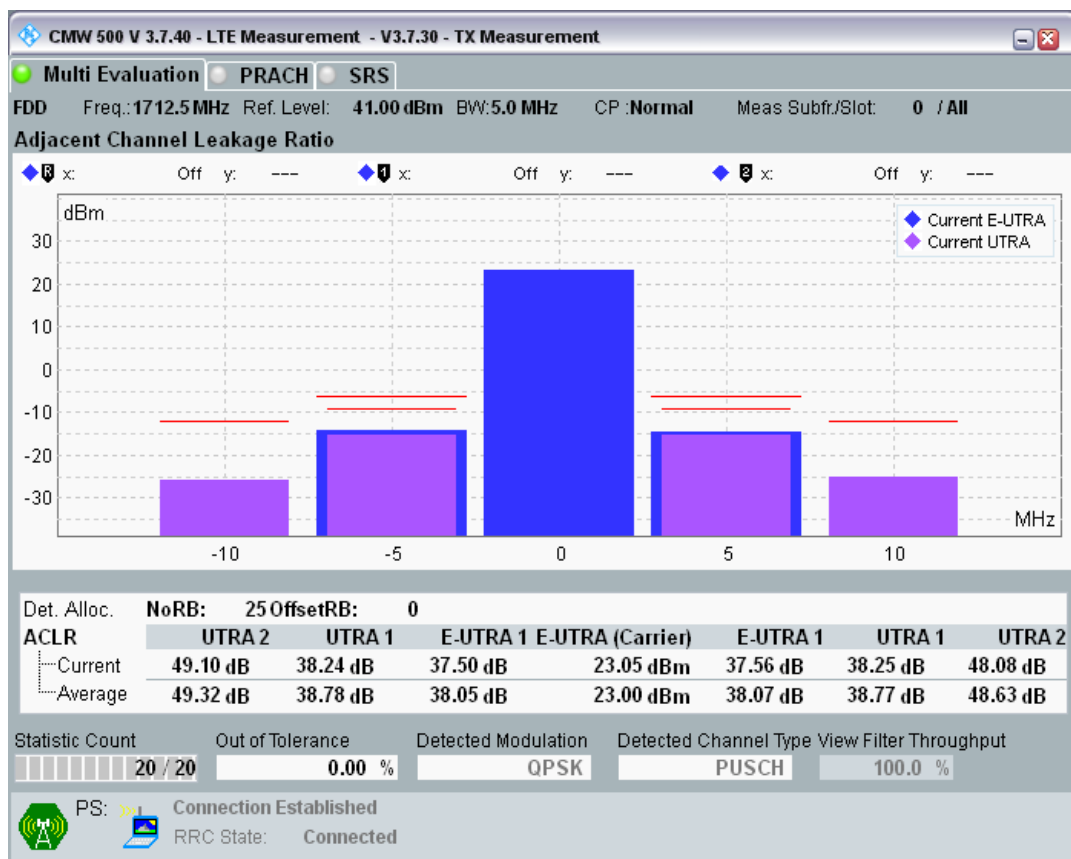
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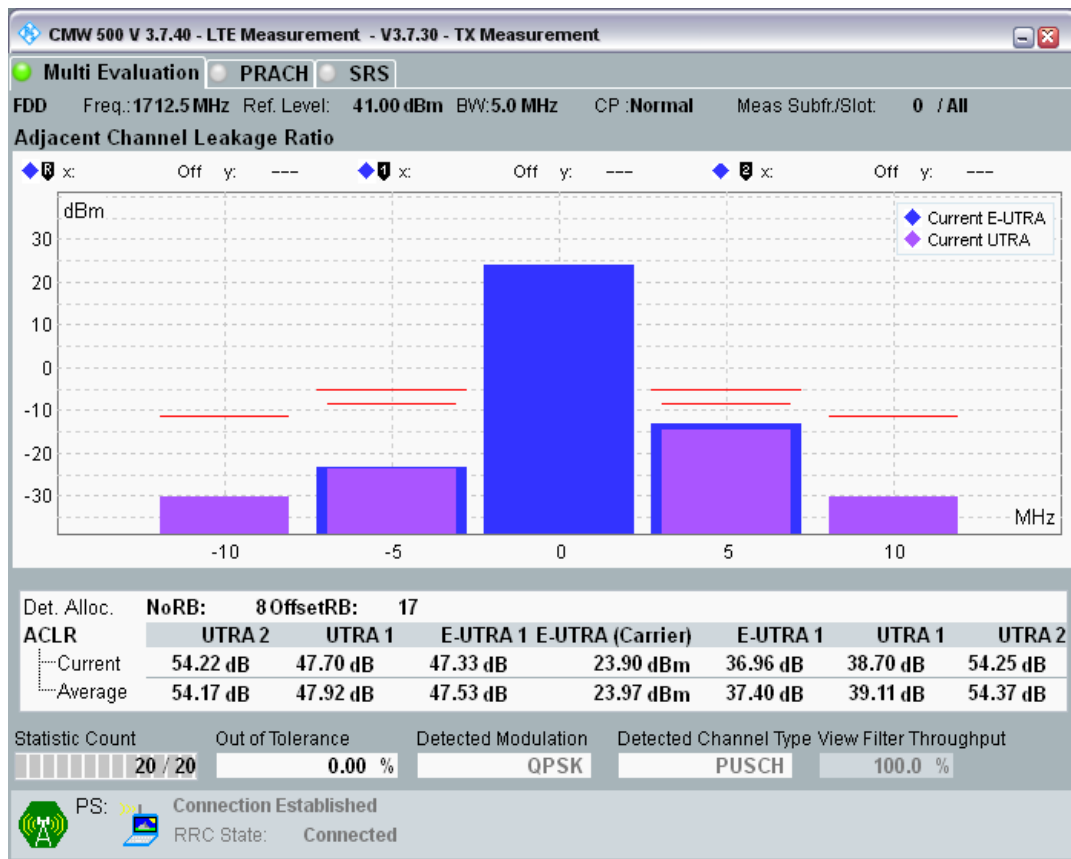
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Band3 QPSK BW=5MHz Channel=19225 RB Size=8 Position=#0.png



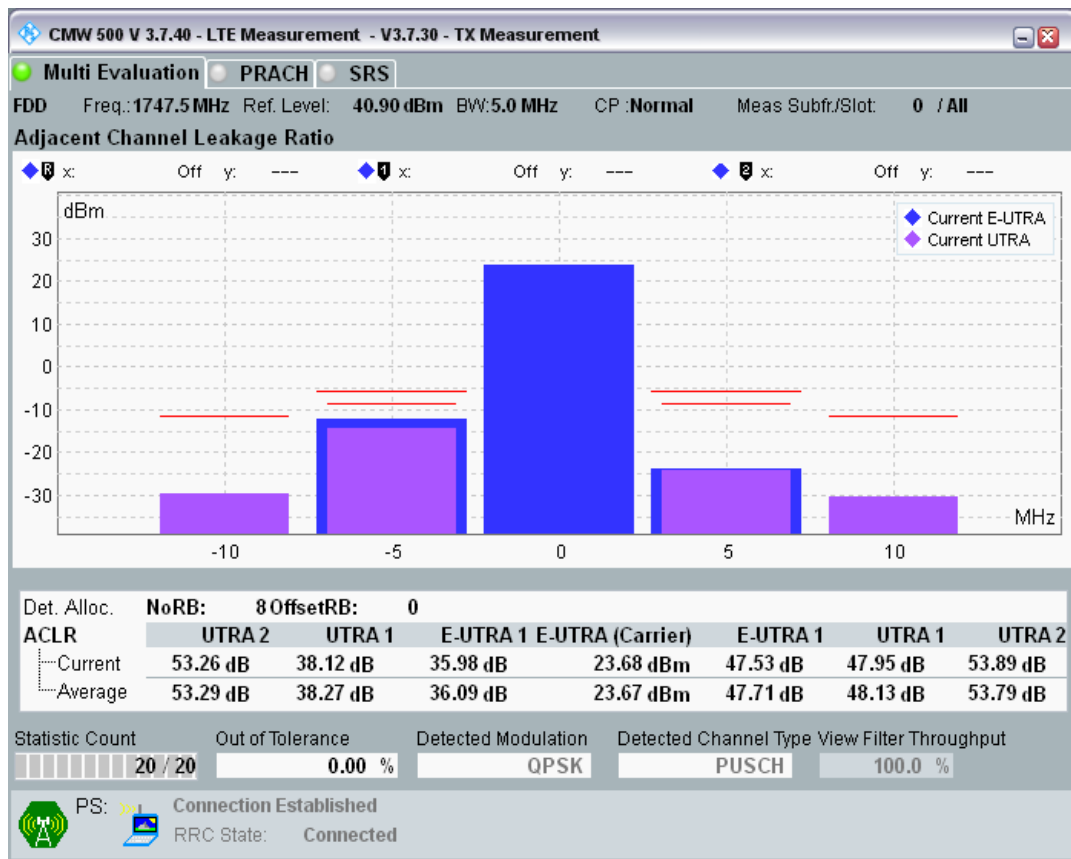
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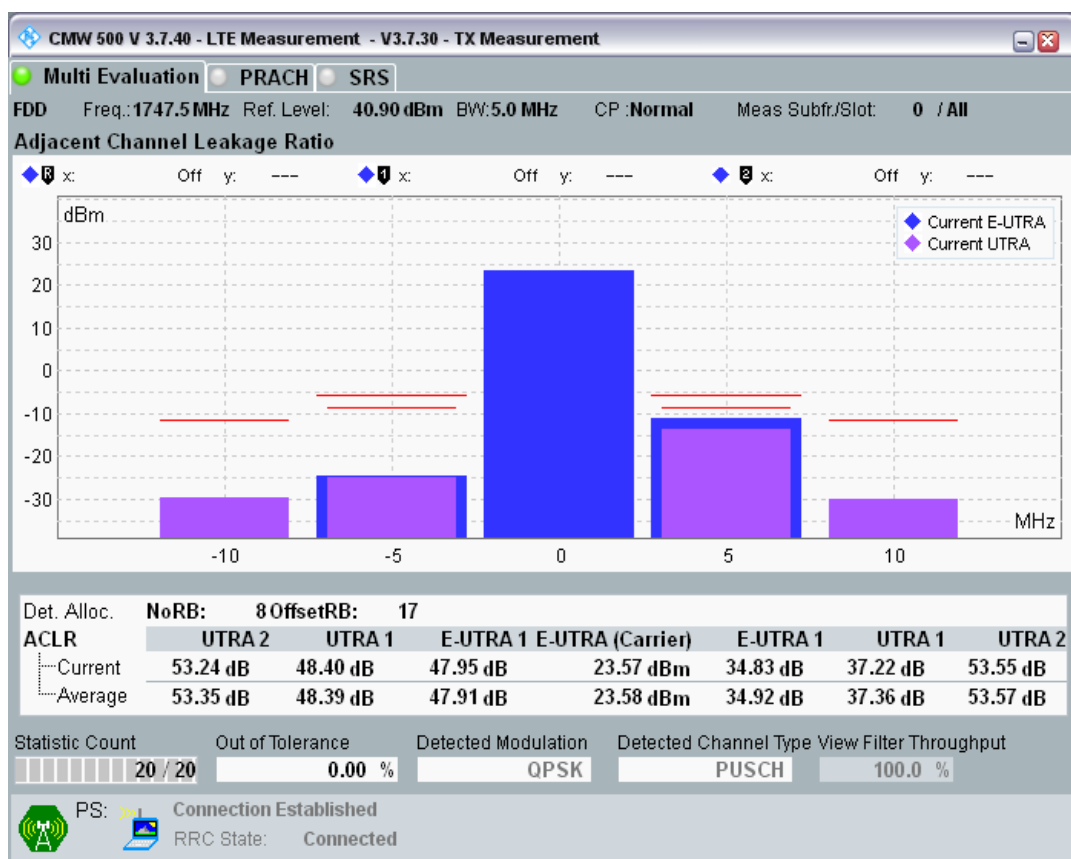
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Band3 QPSK BW=5MHz Channel=19575 RB Size=8 Position=#0.png



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



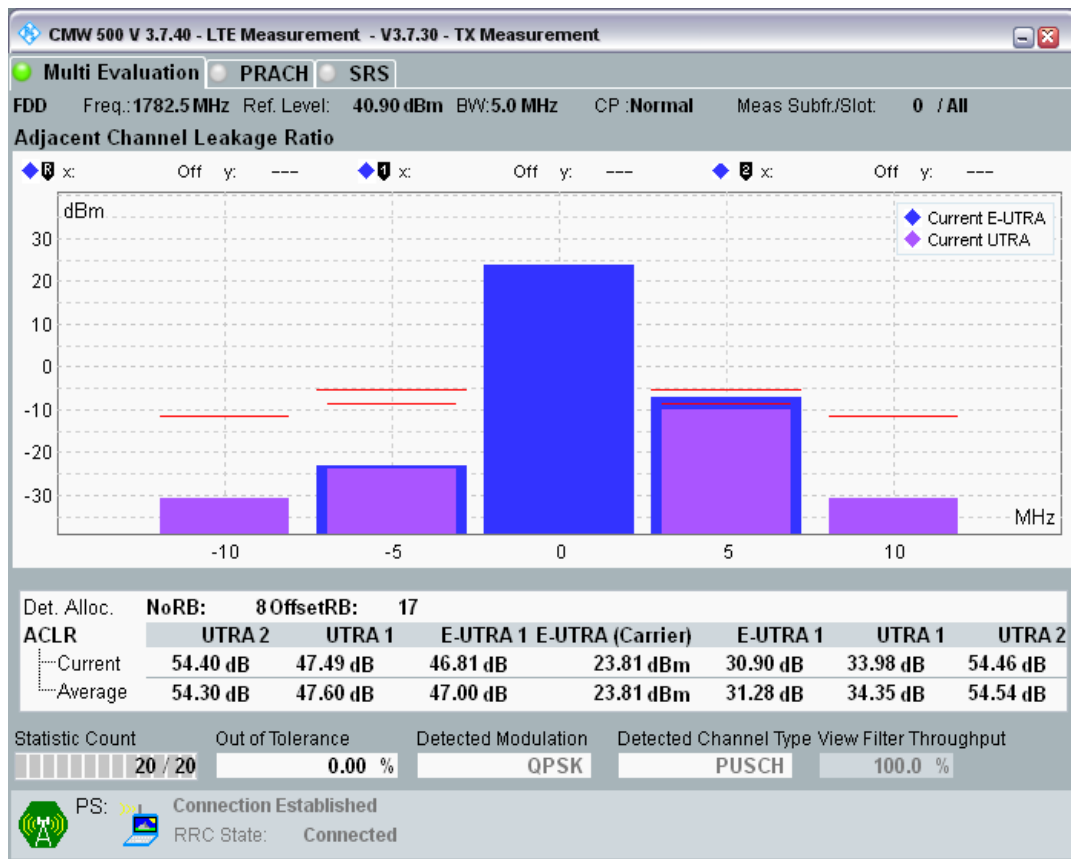
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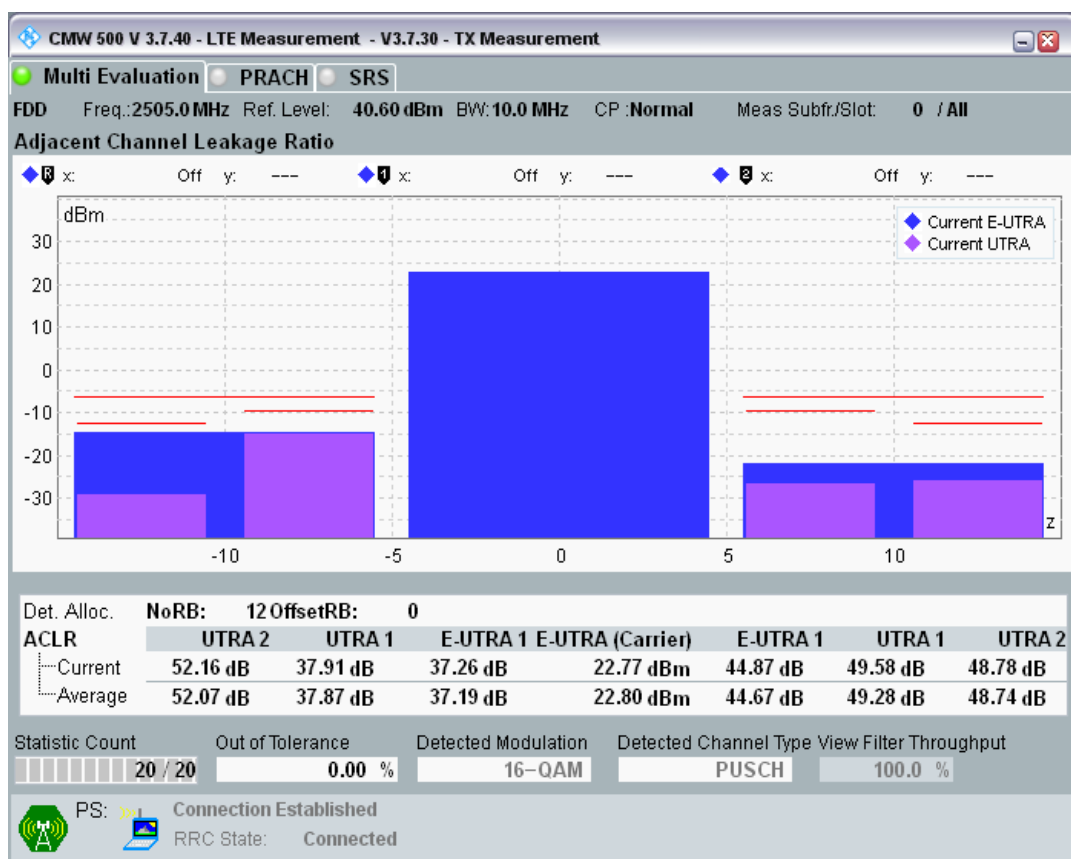
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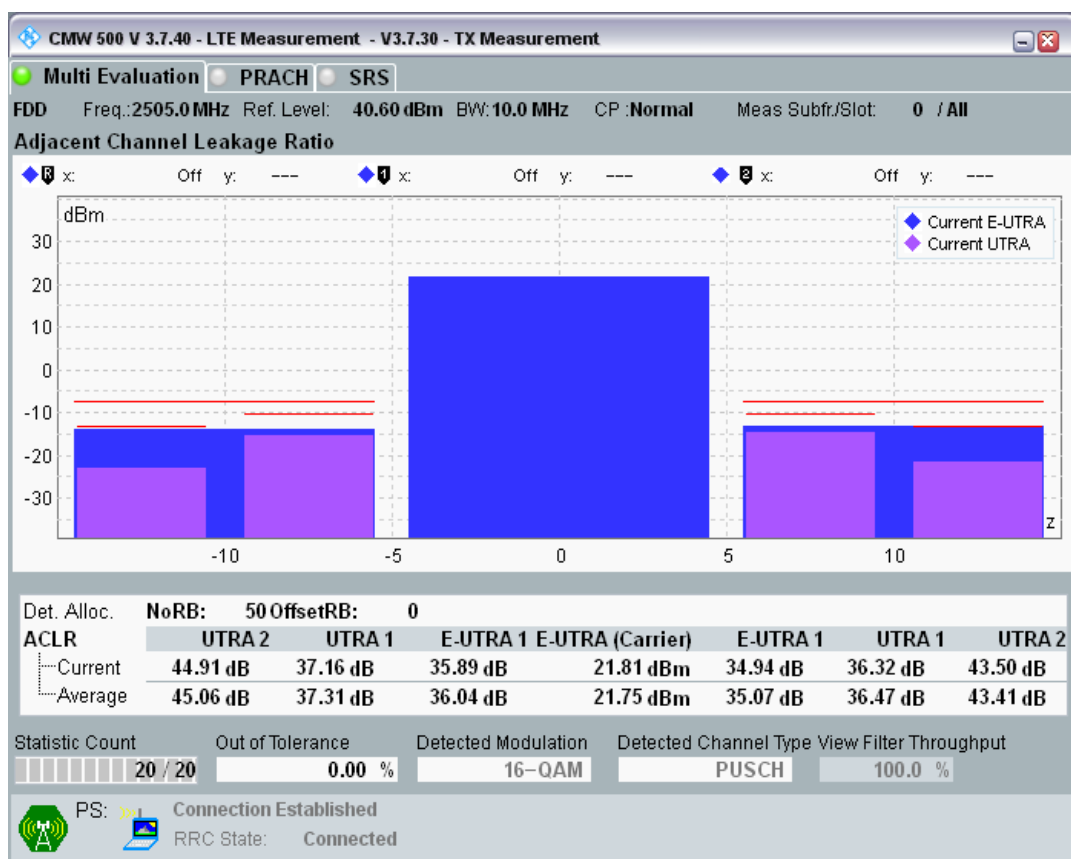
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Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



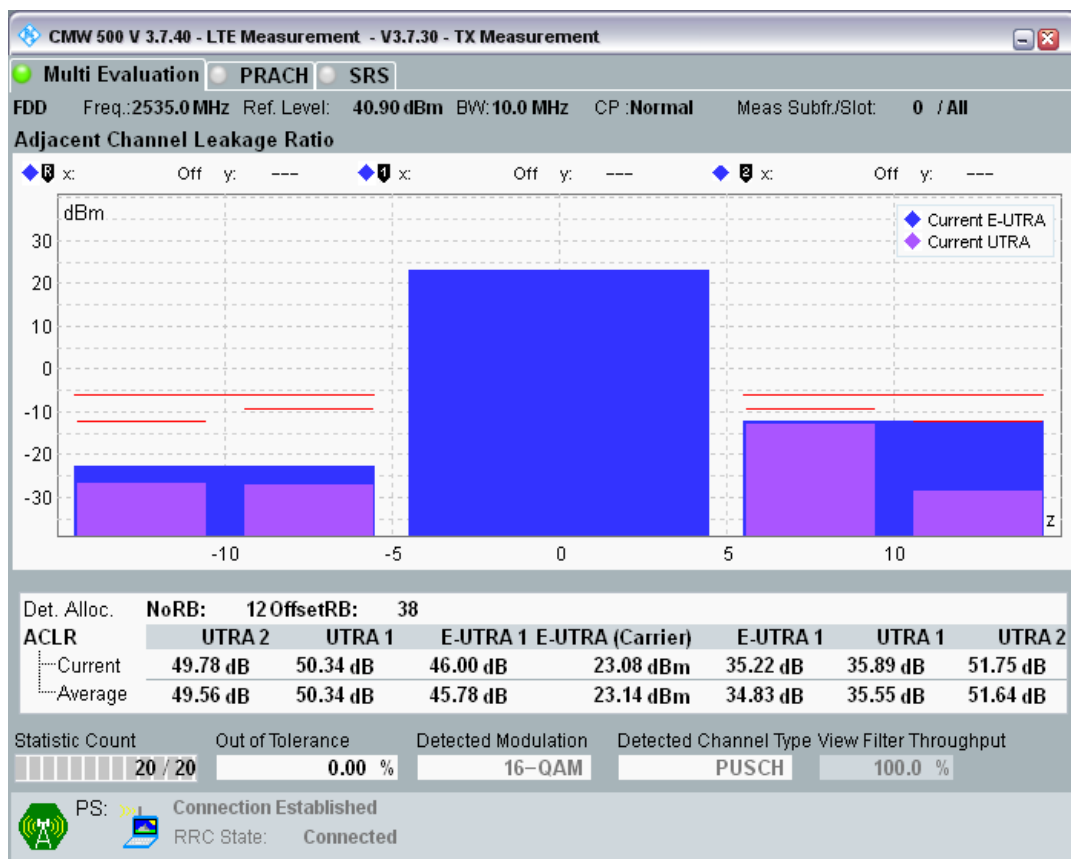
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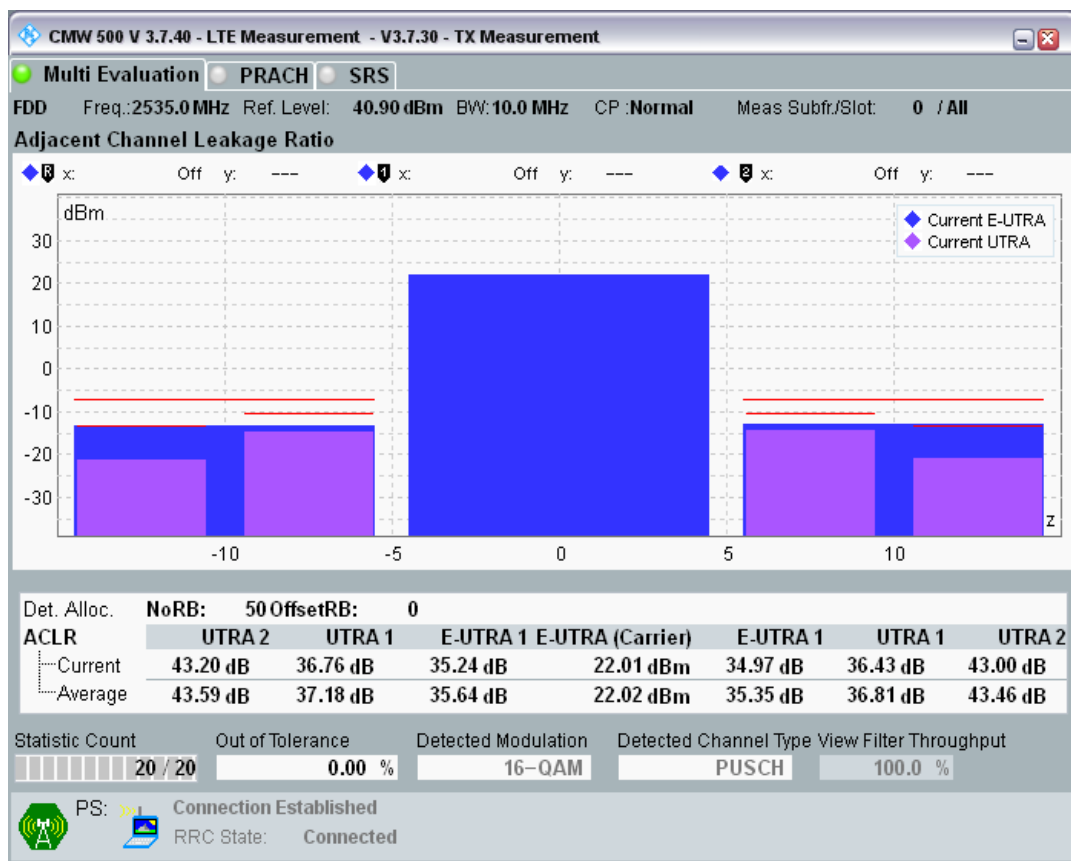
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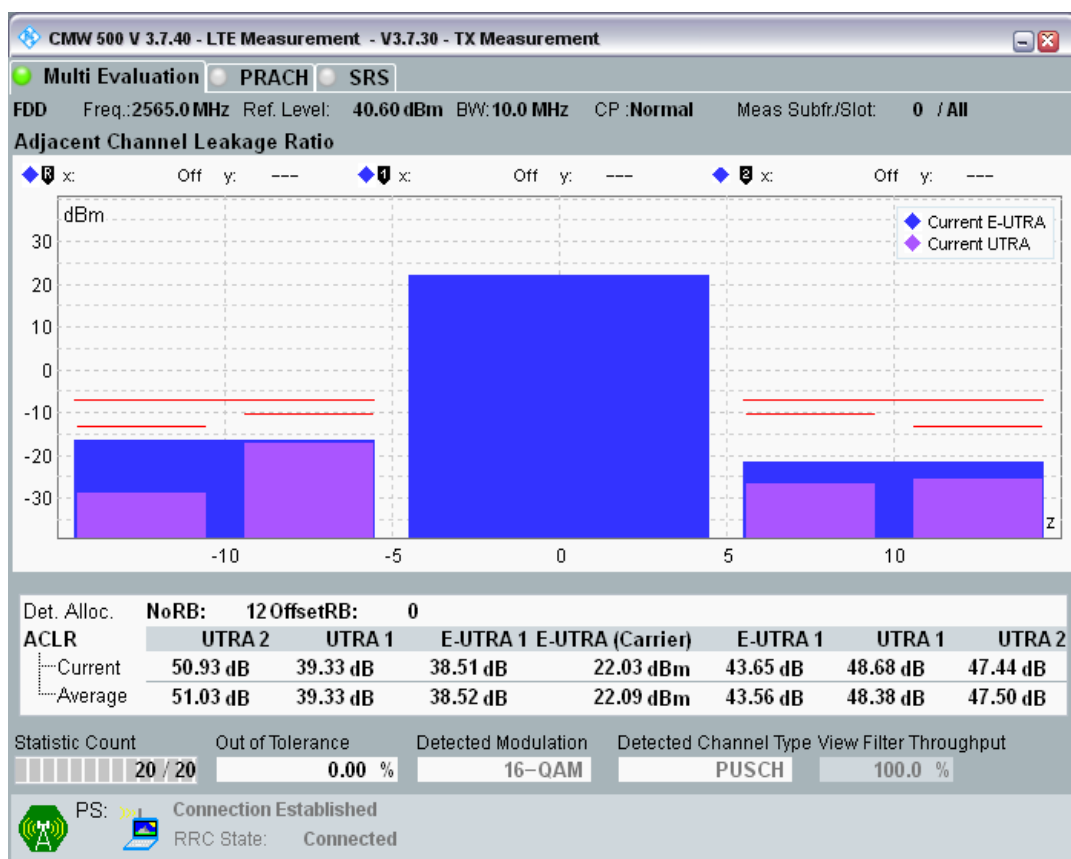
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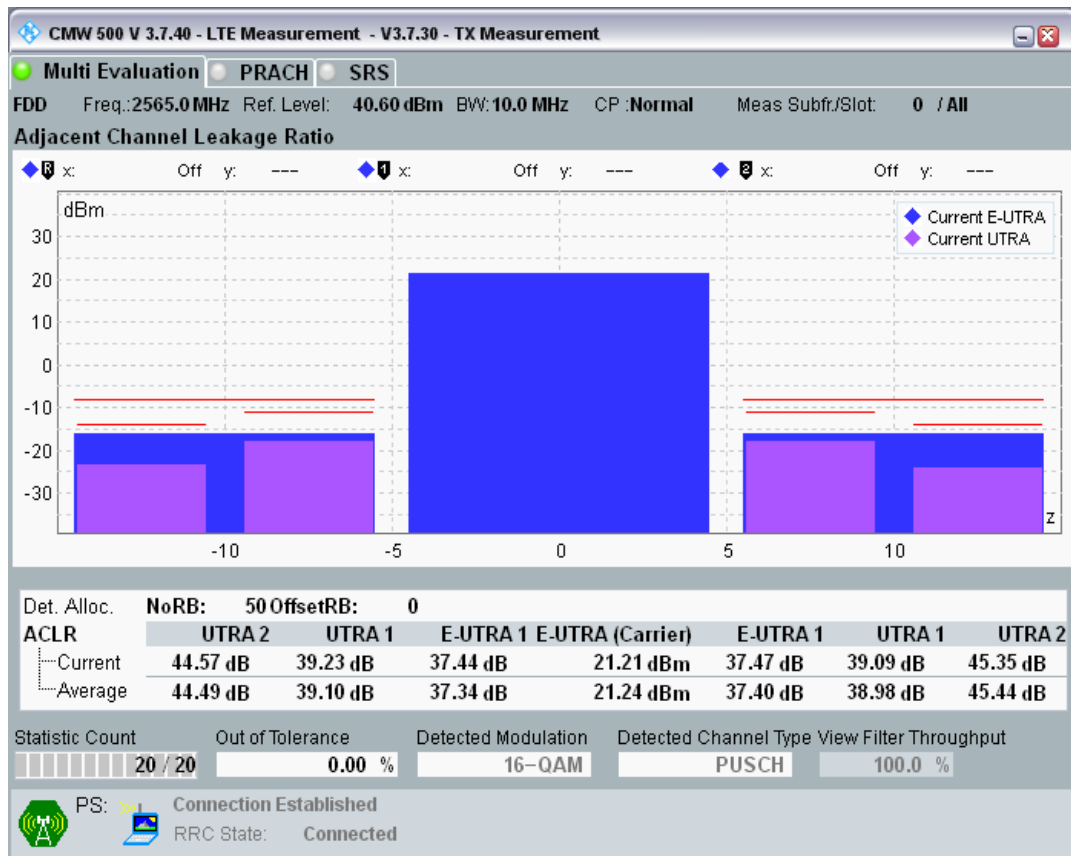
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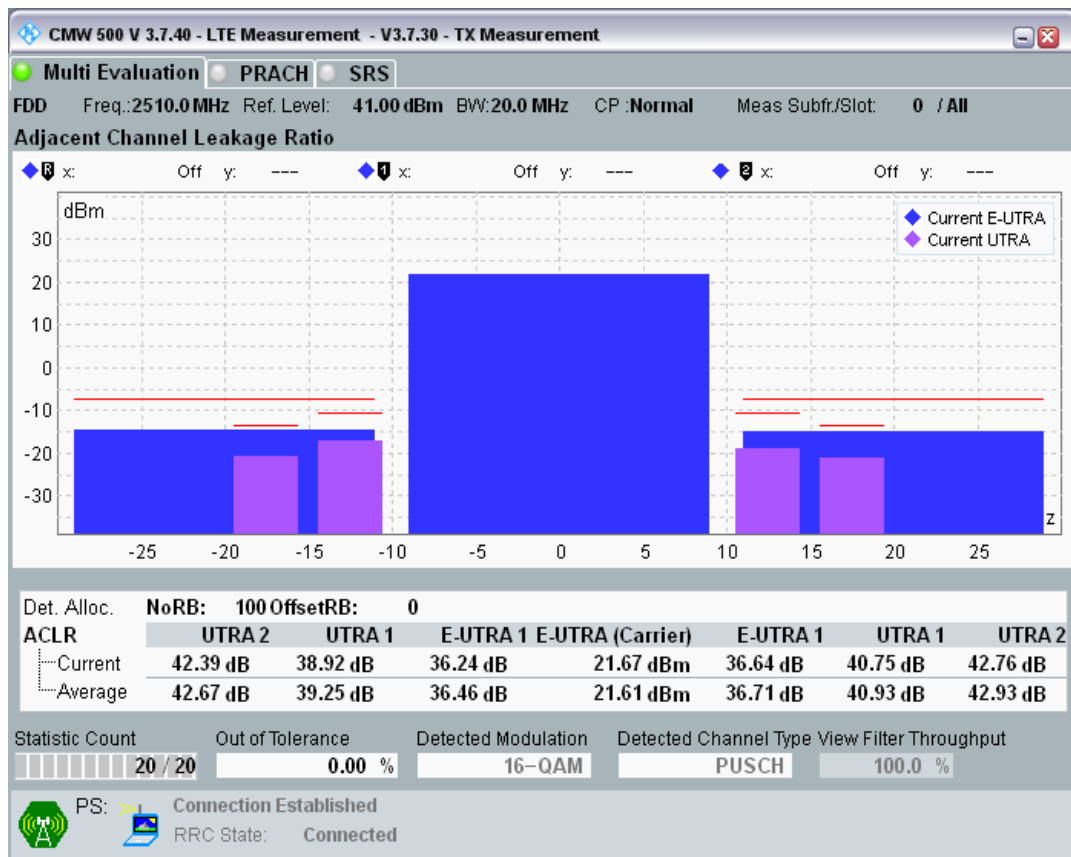
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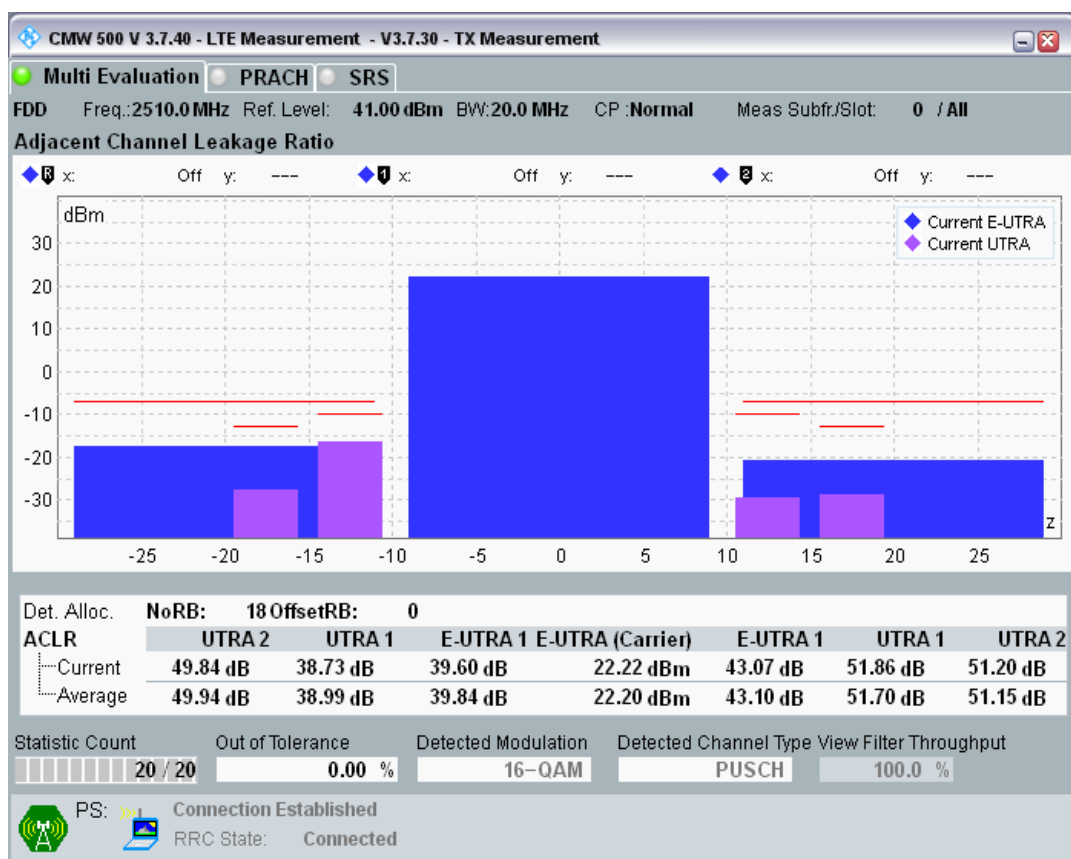
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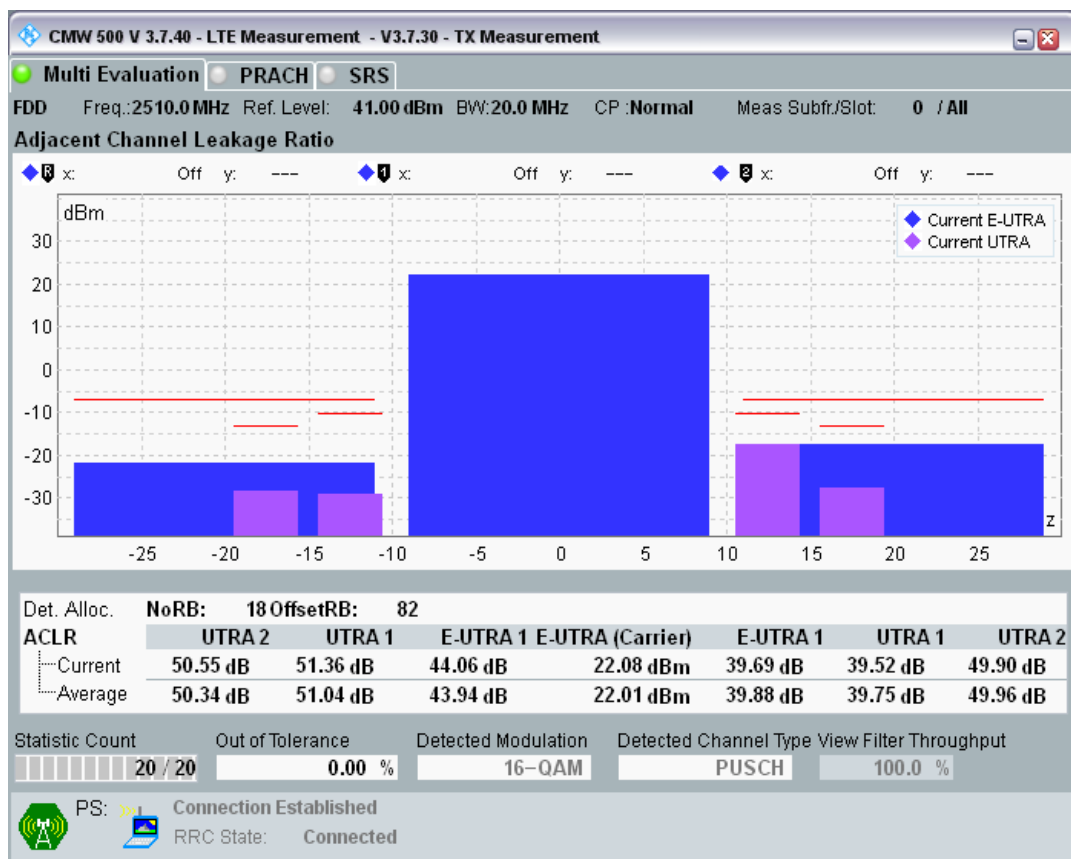
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0.png



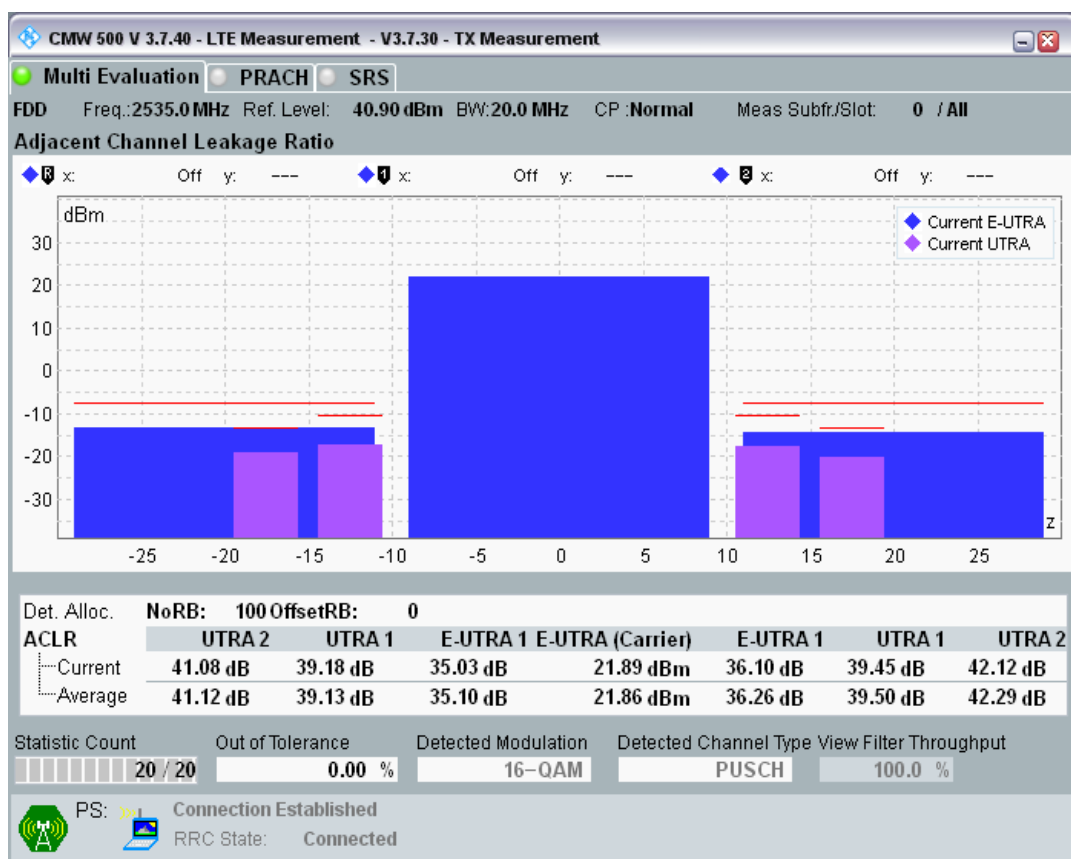
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Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#Max.png



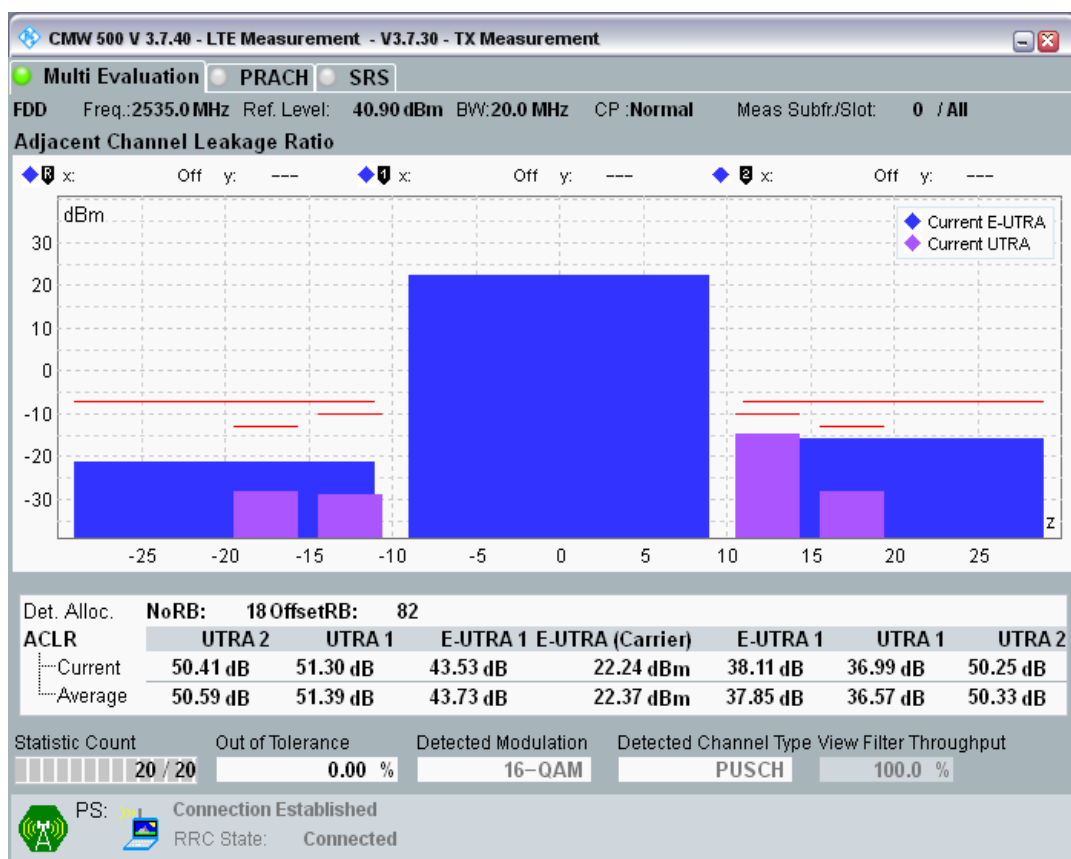
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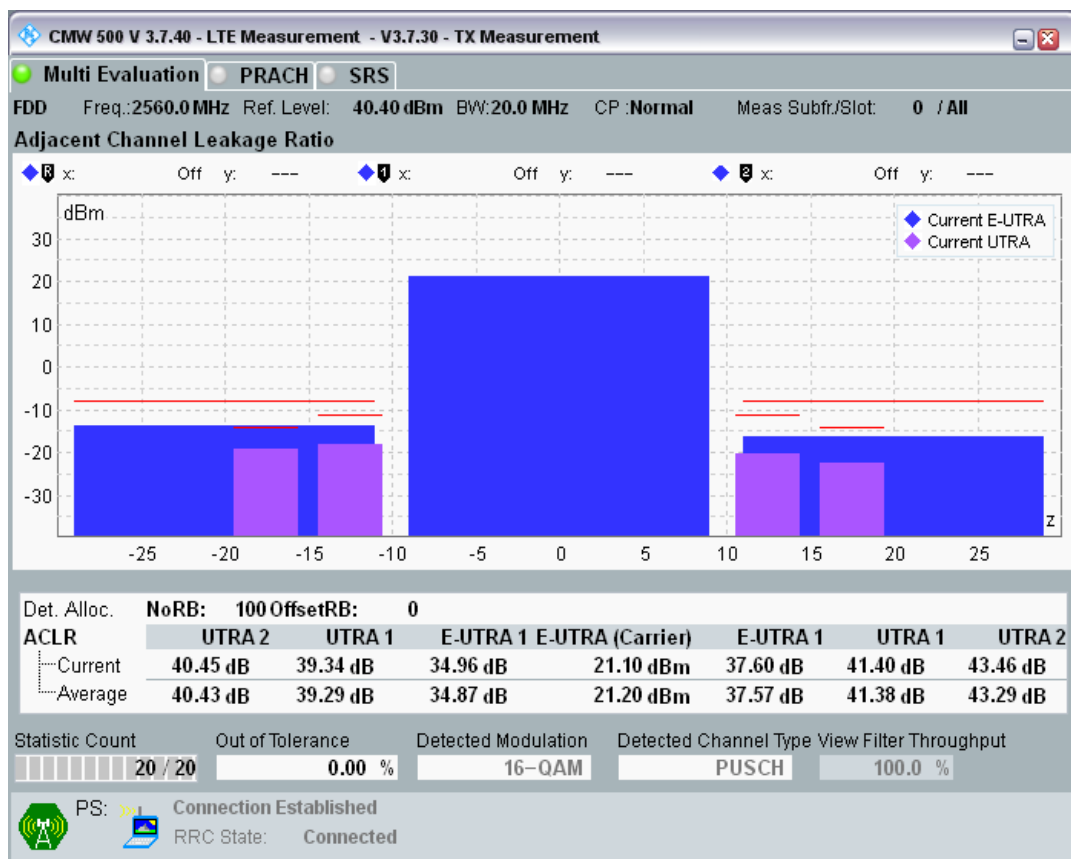
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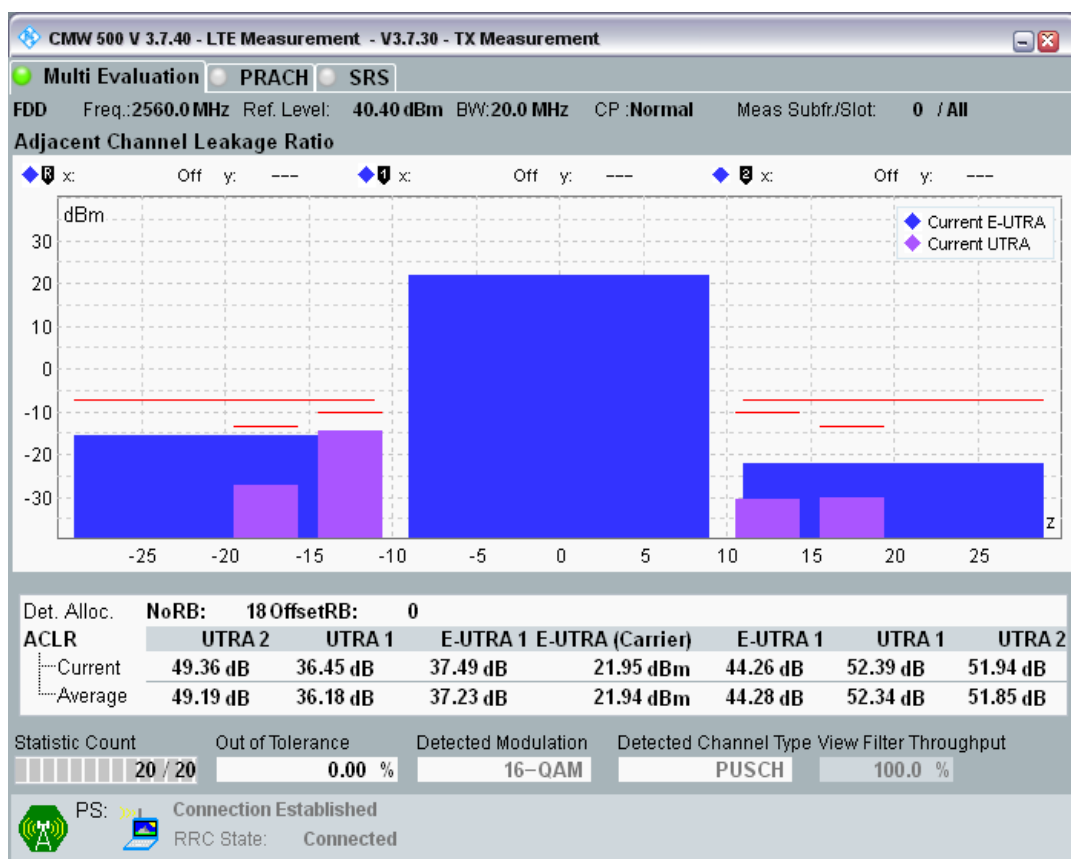
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Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0.png



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



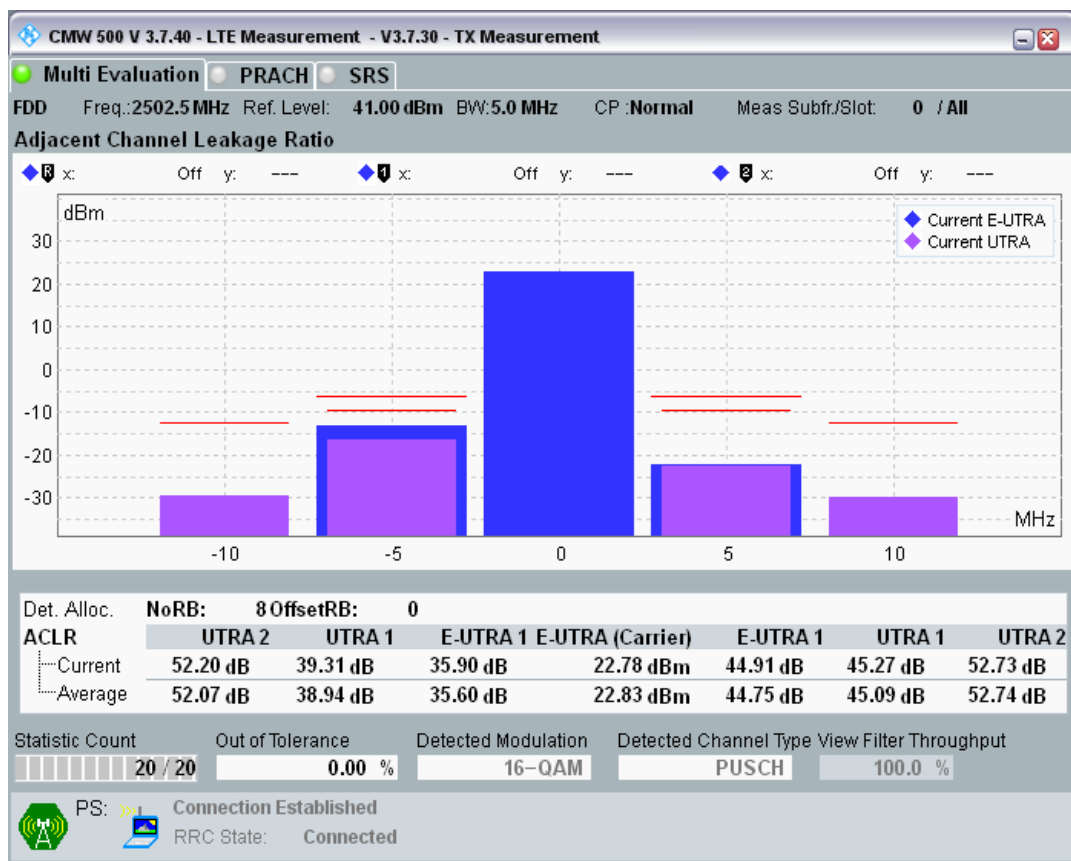
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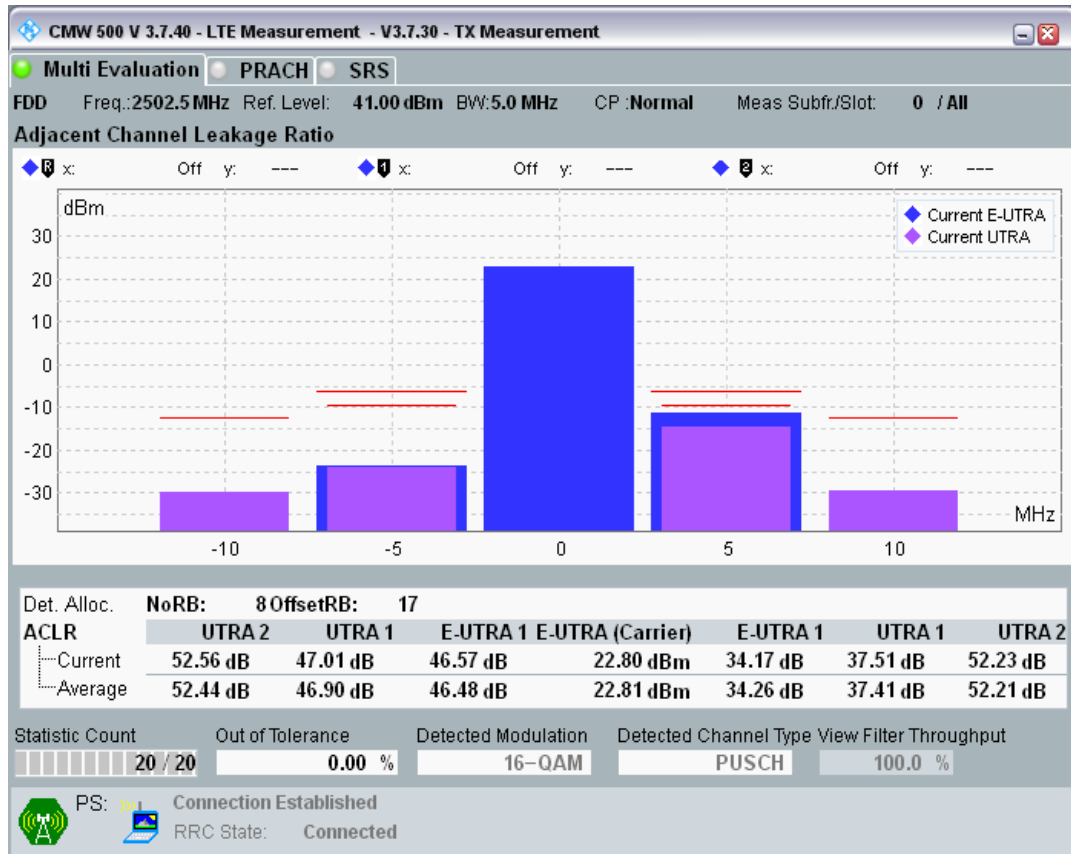
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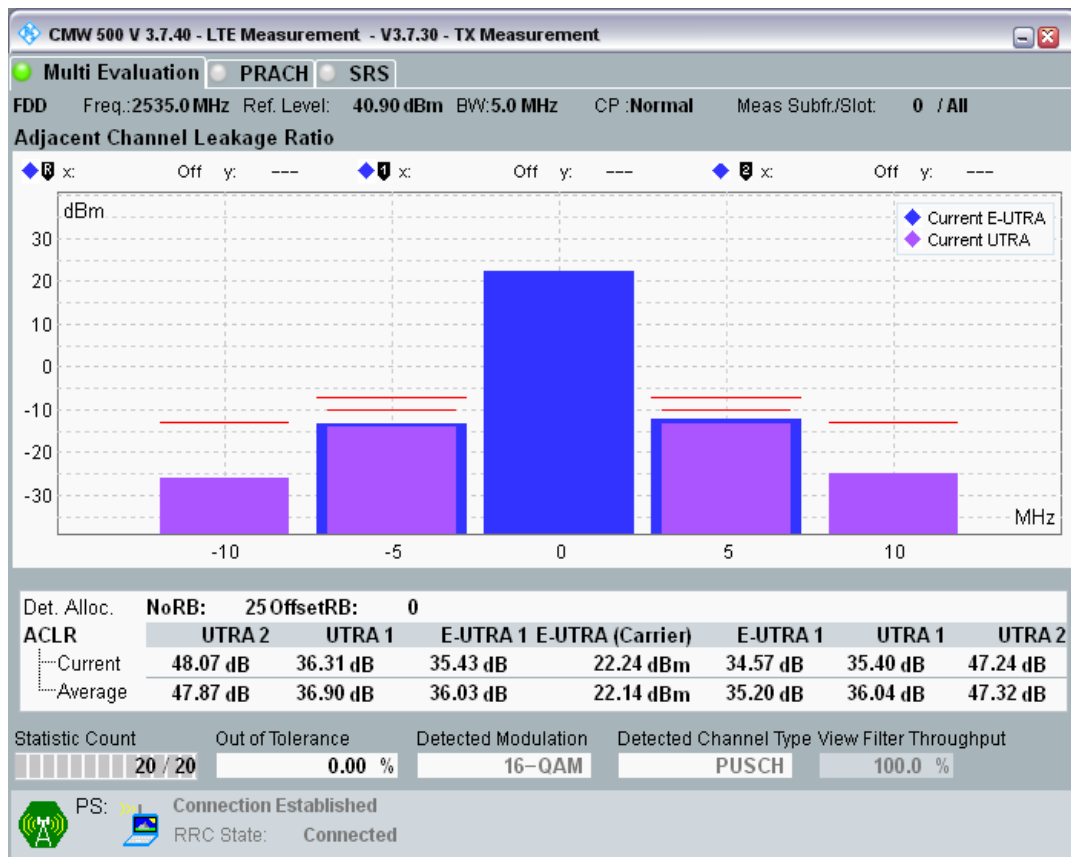
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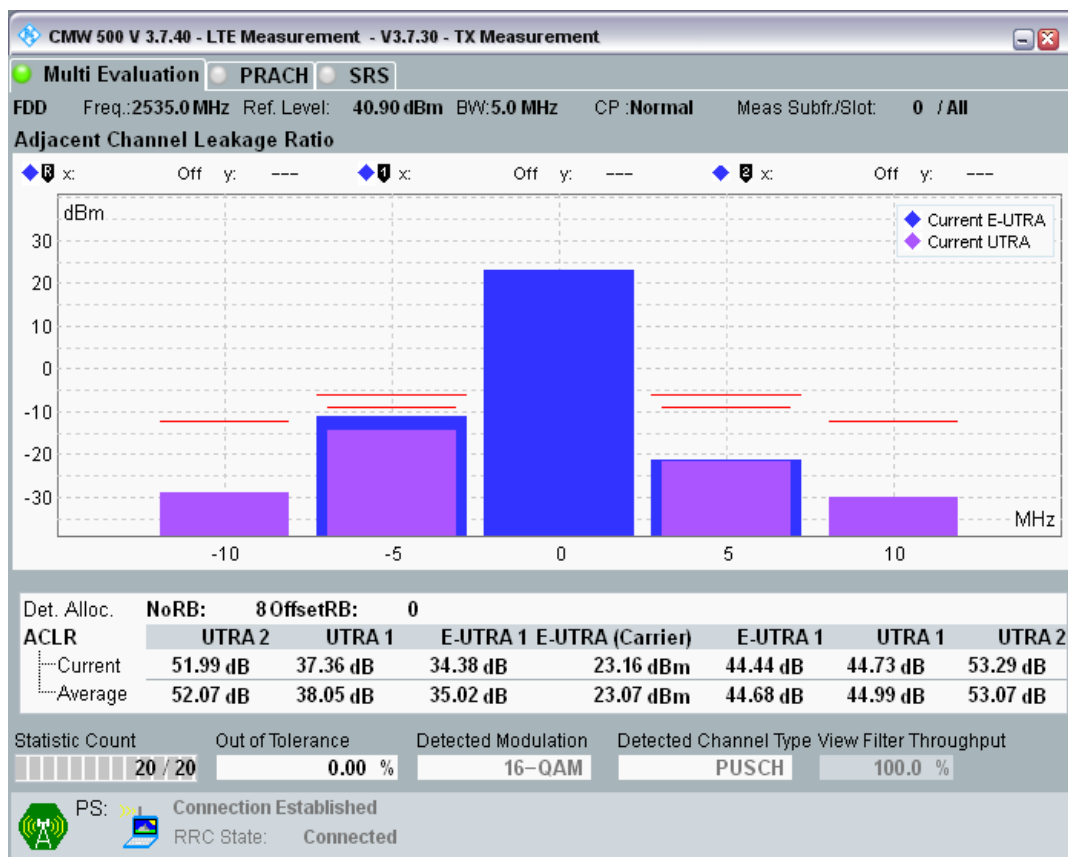
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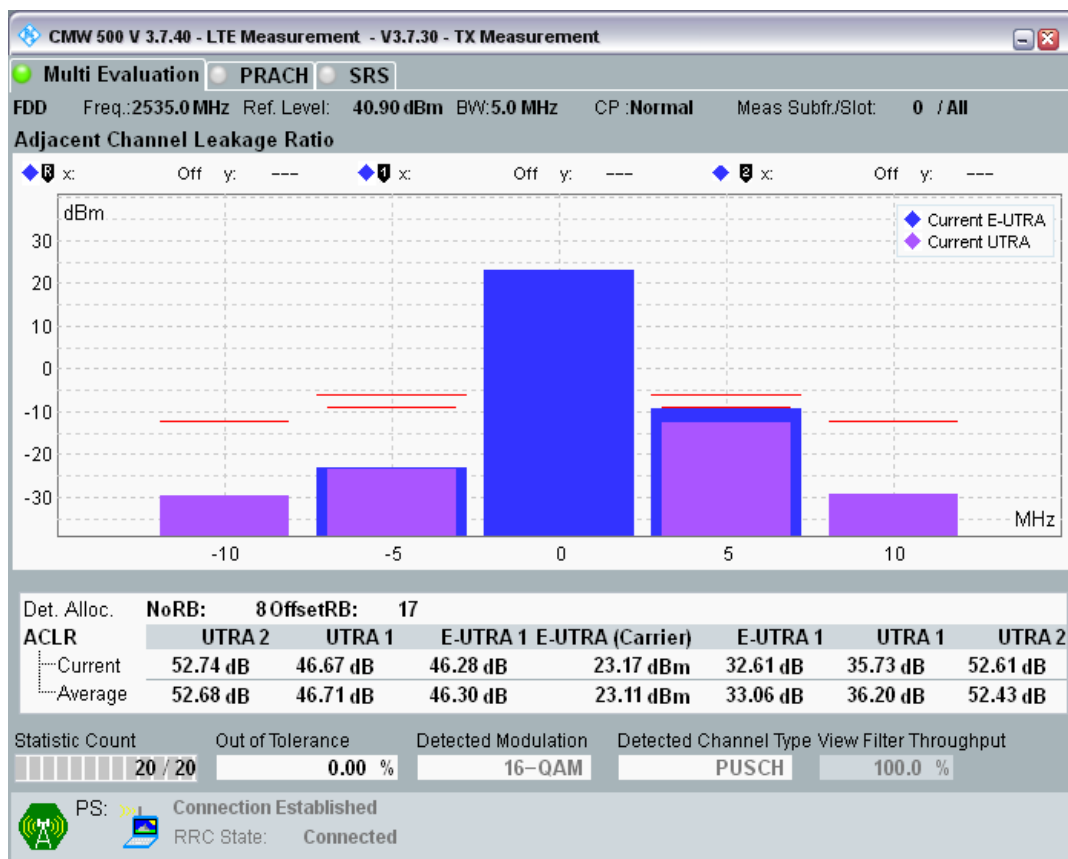
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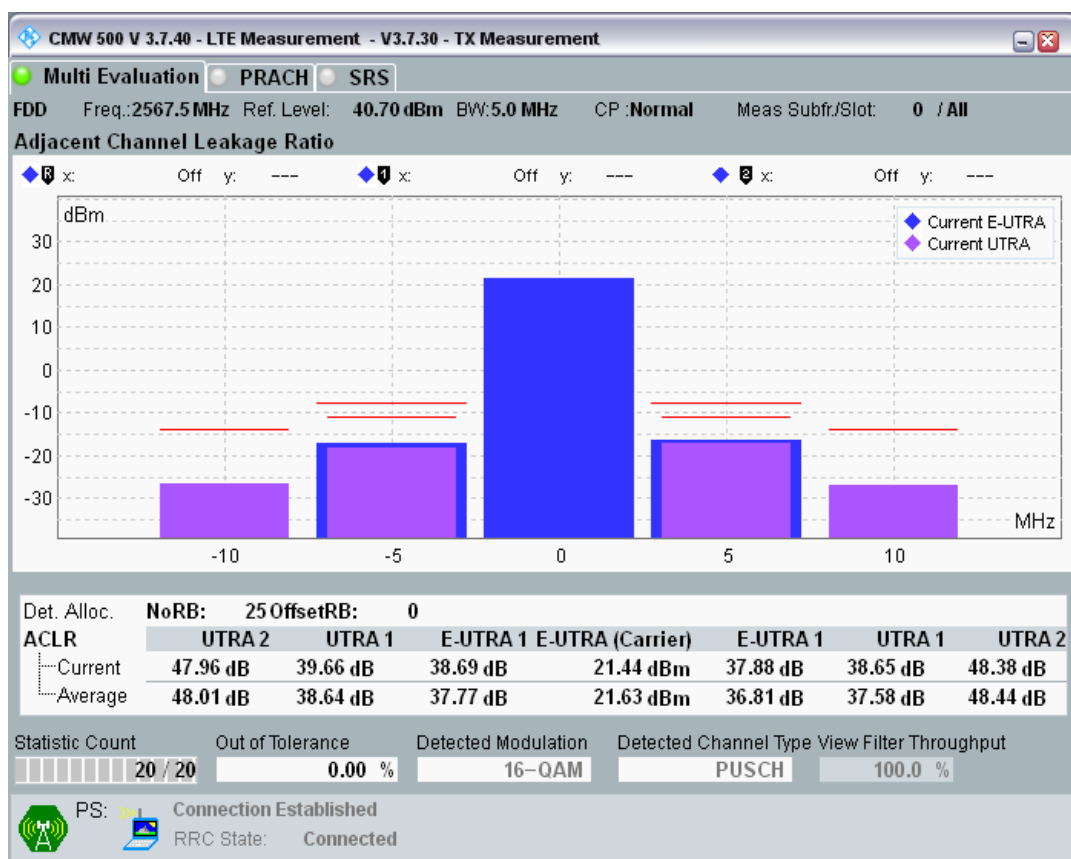
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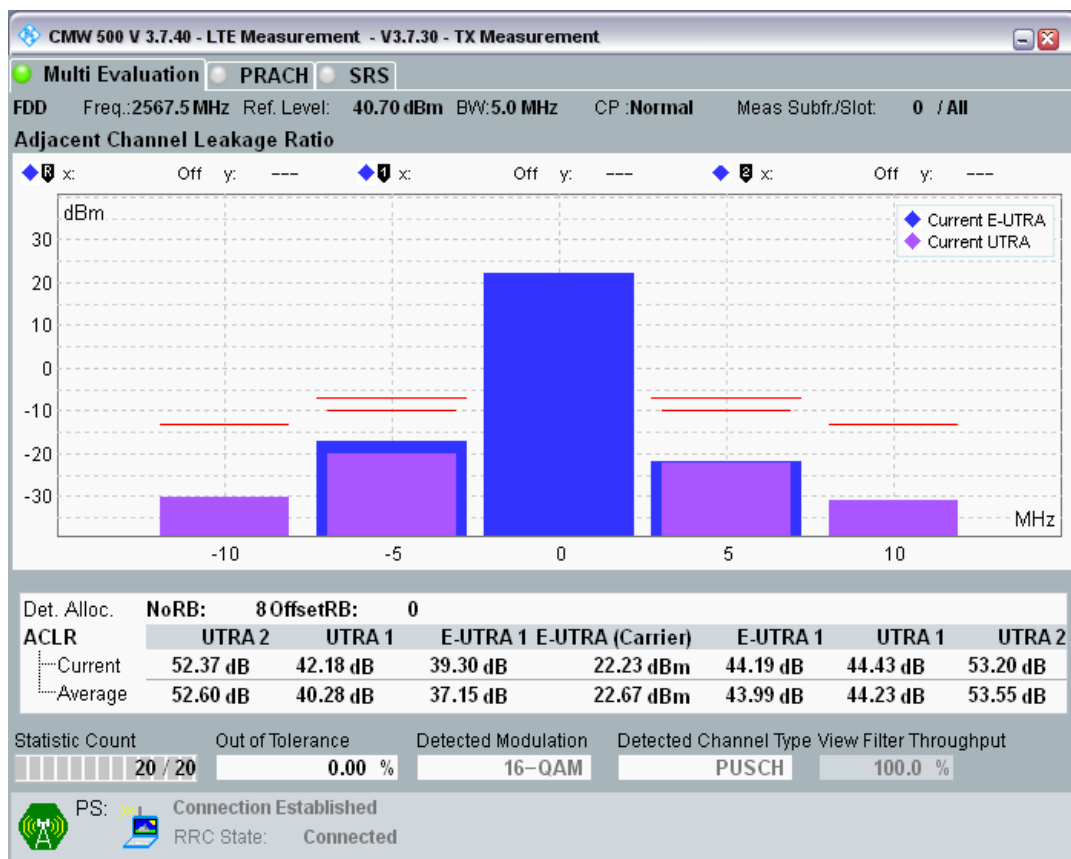
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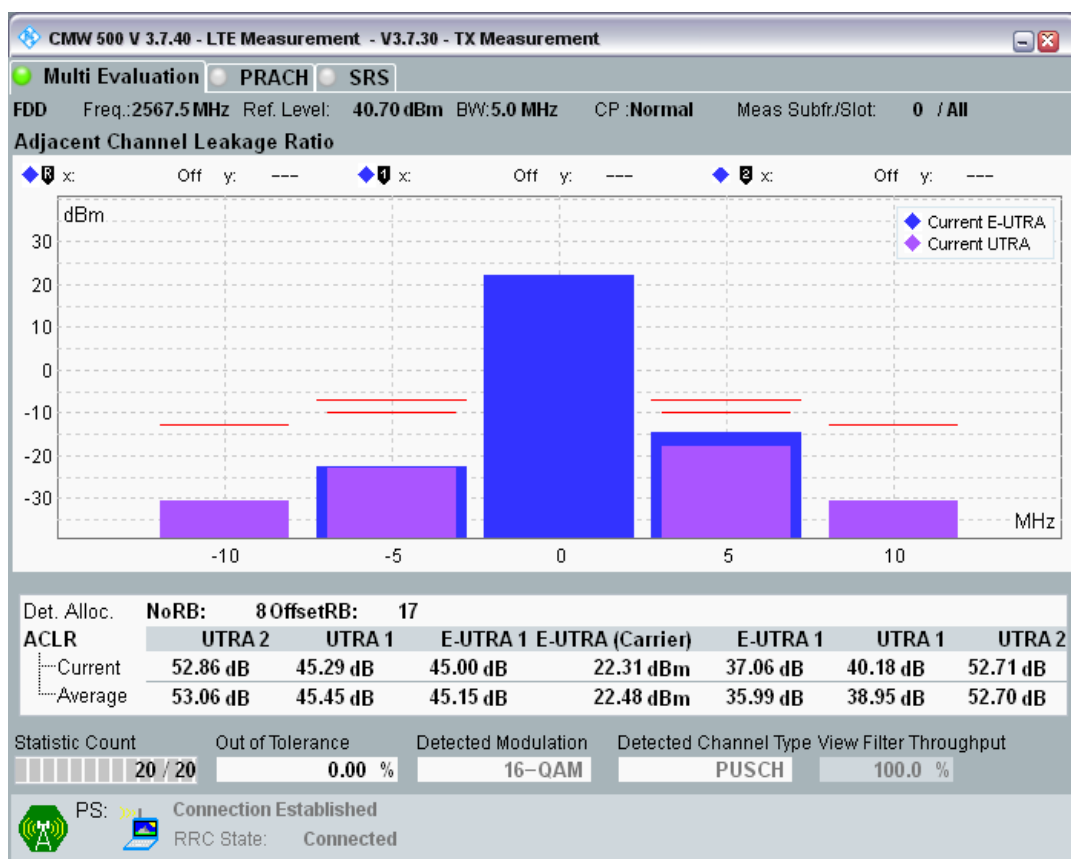
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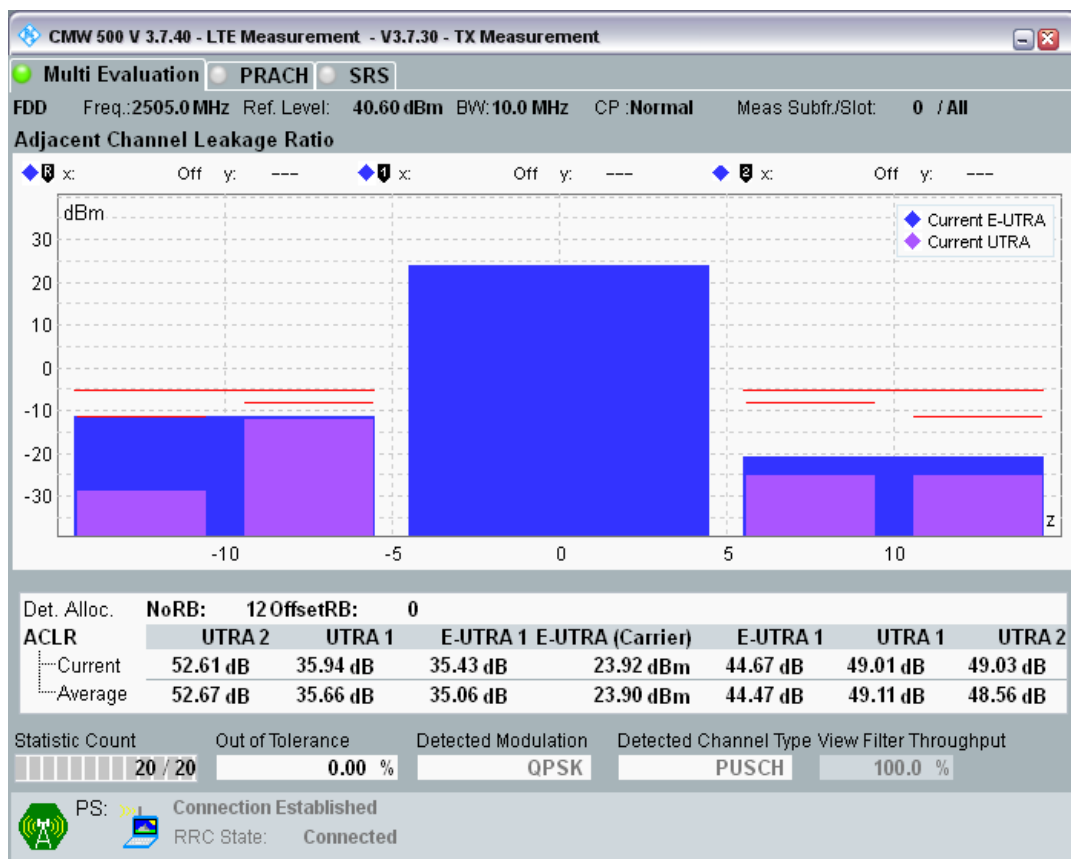
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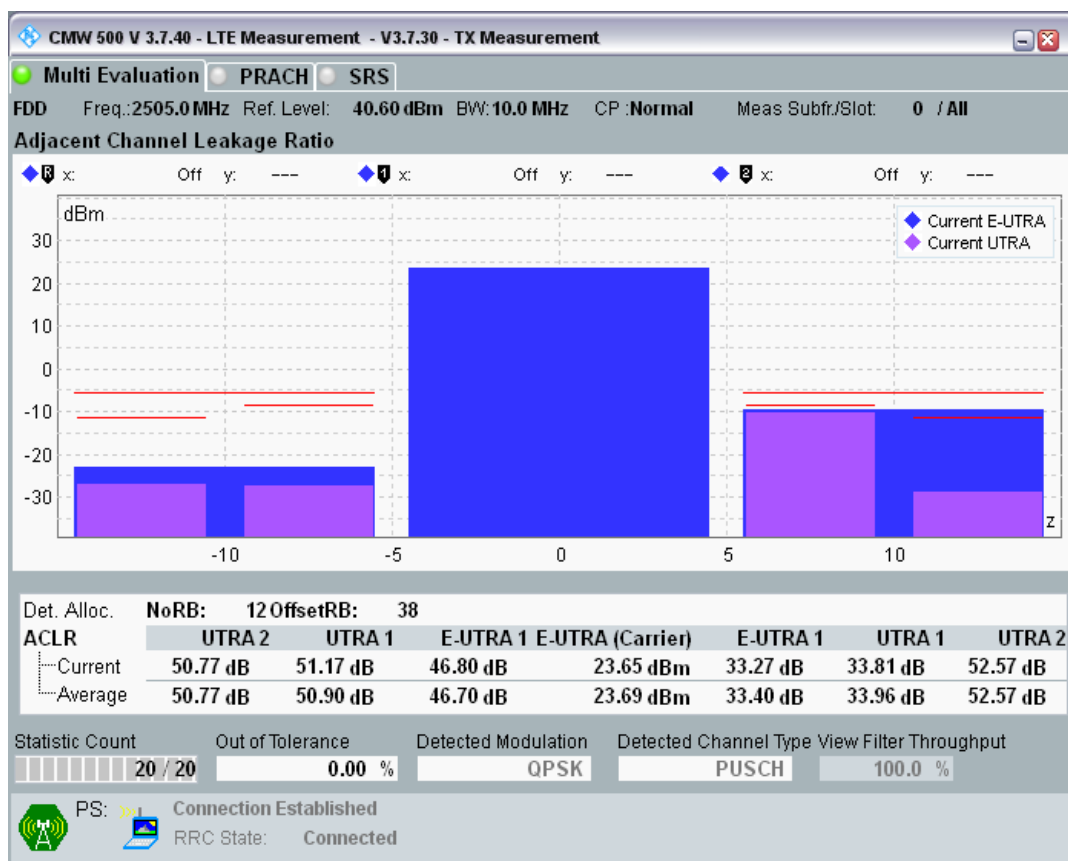
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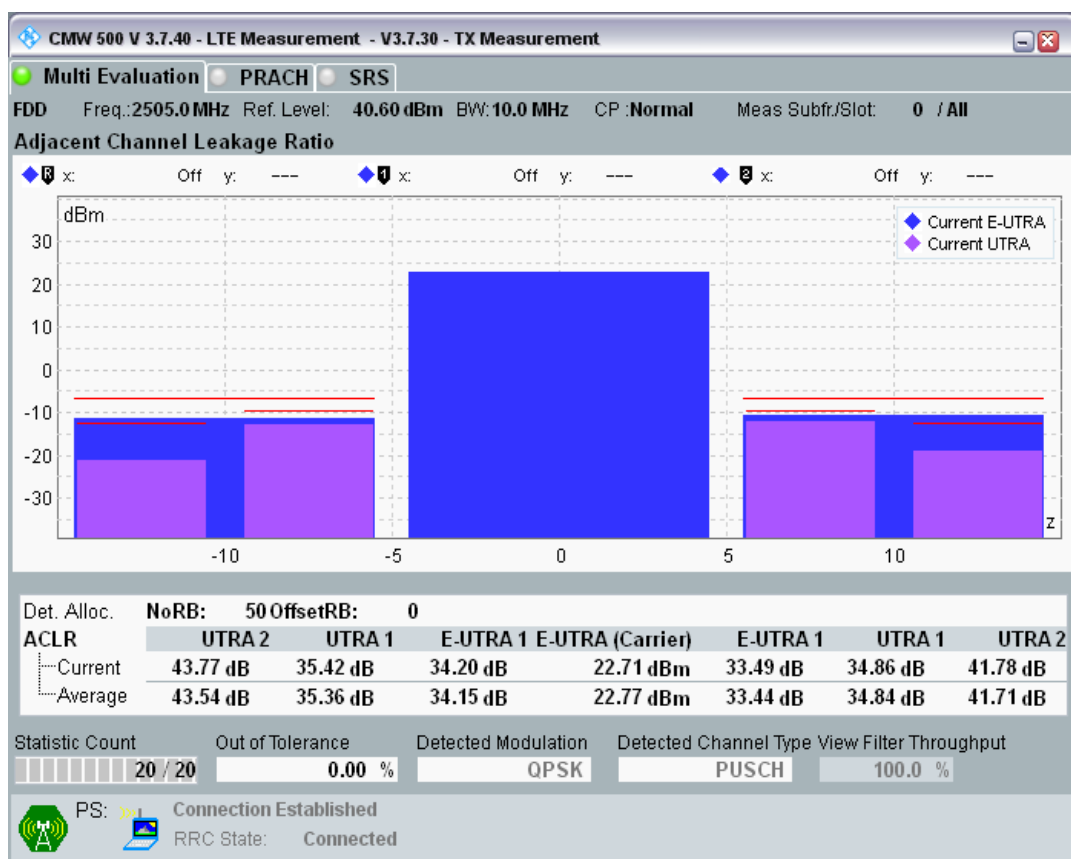
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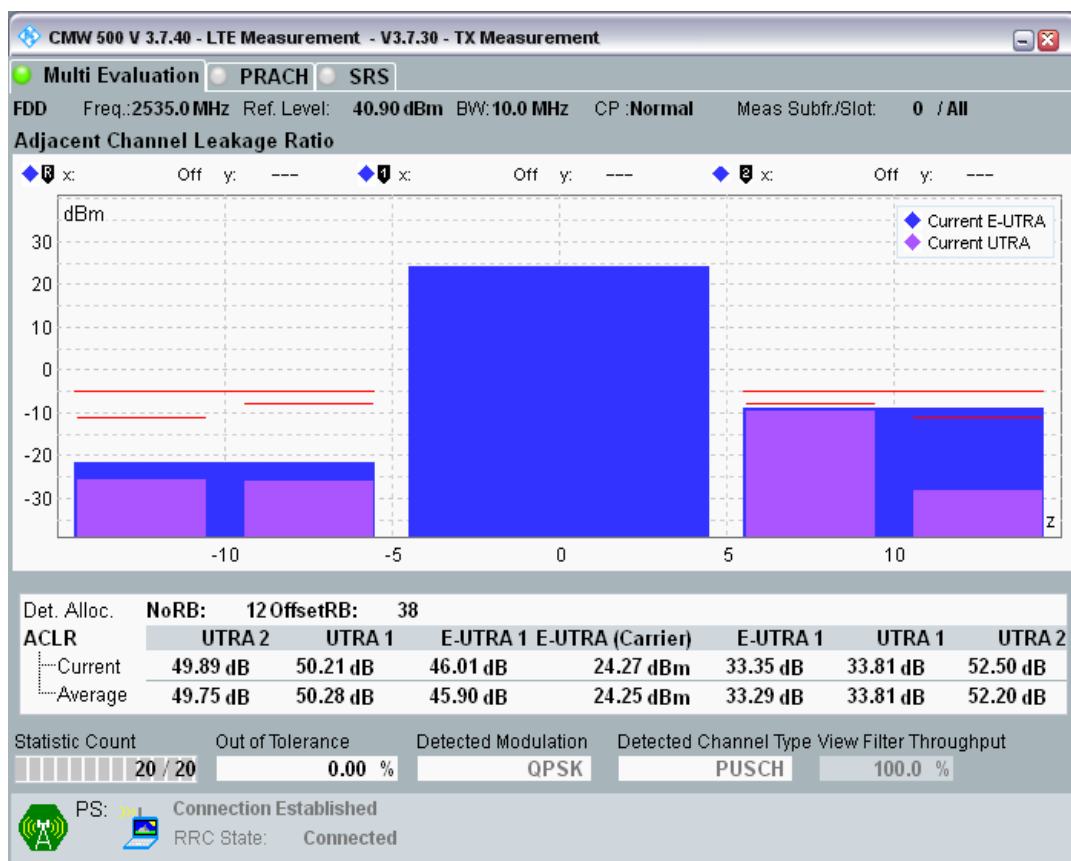
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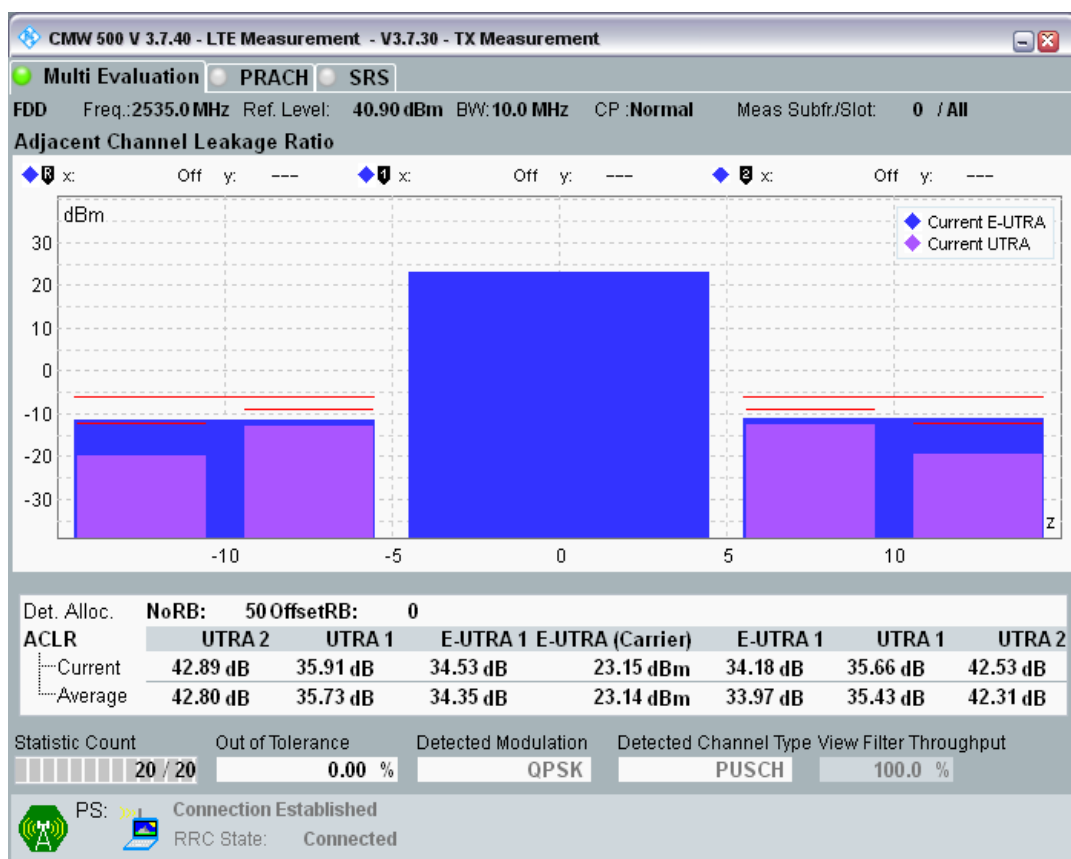
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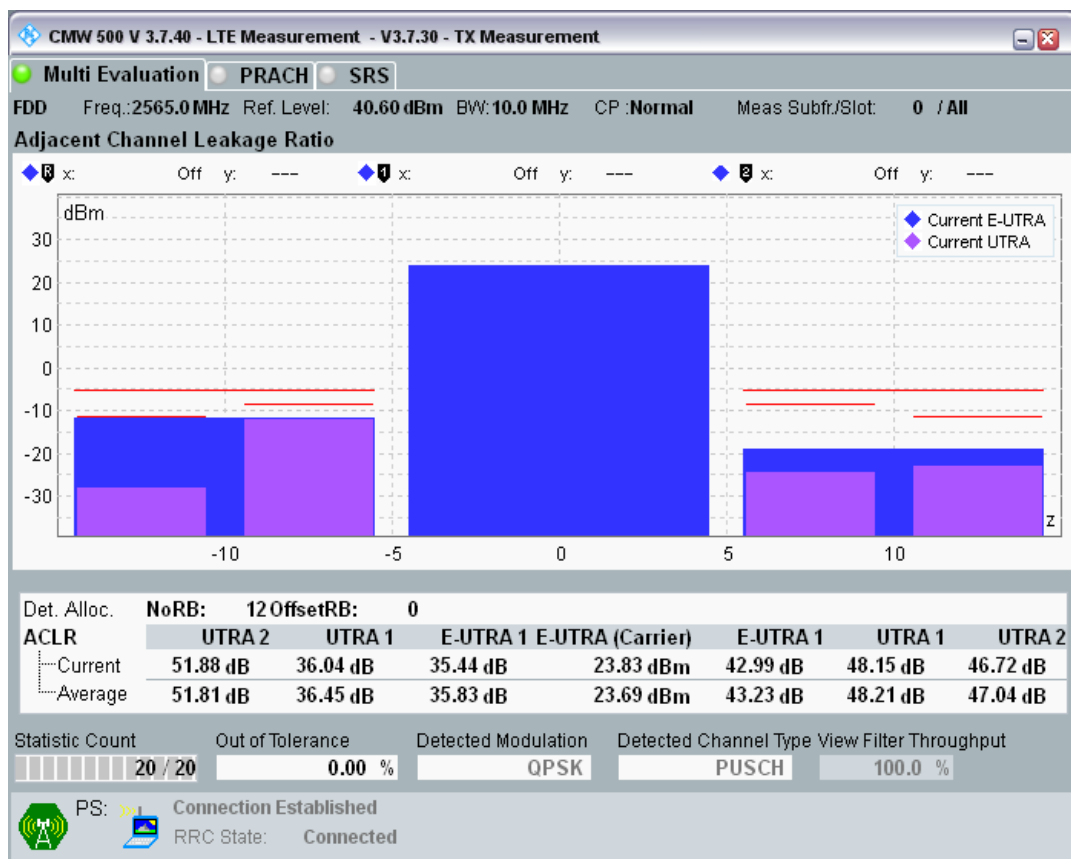
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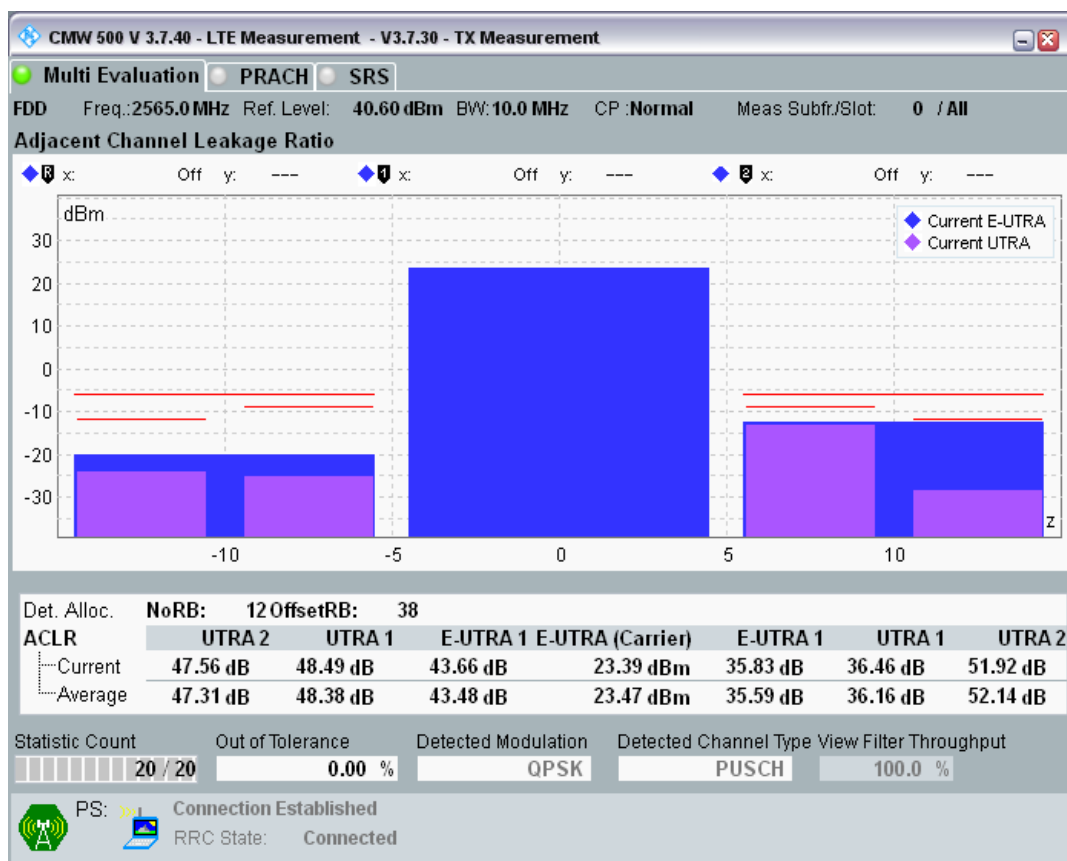
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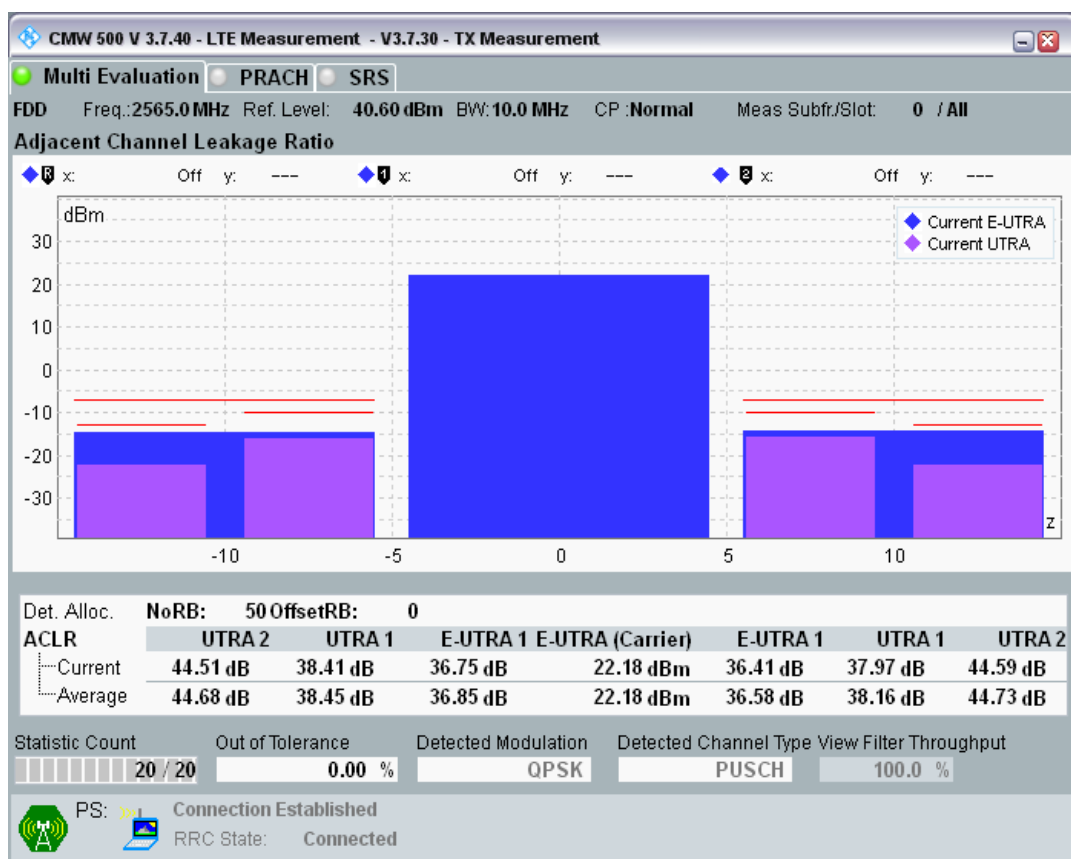
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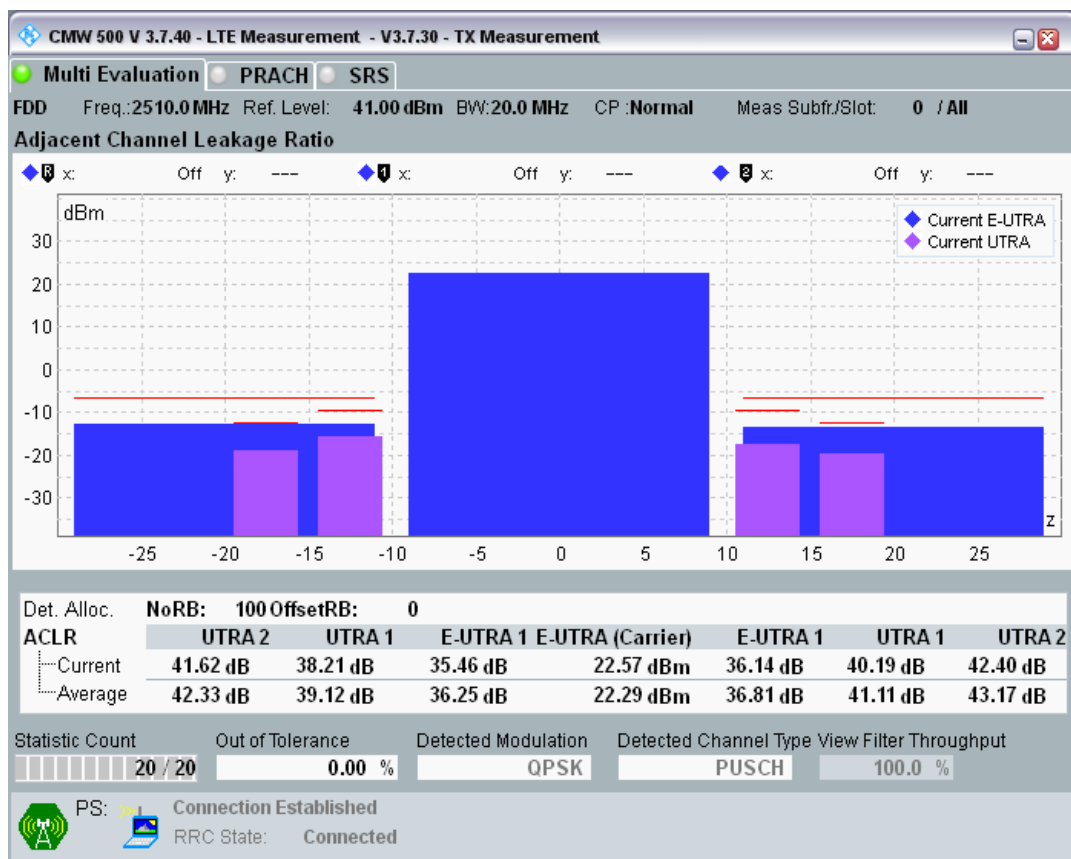
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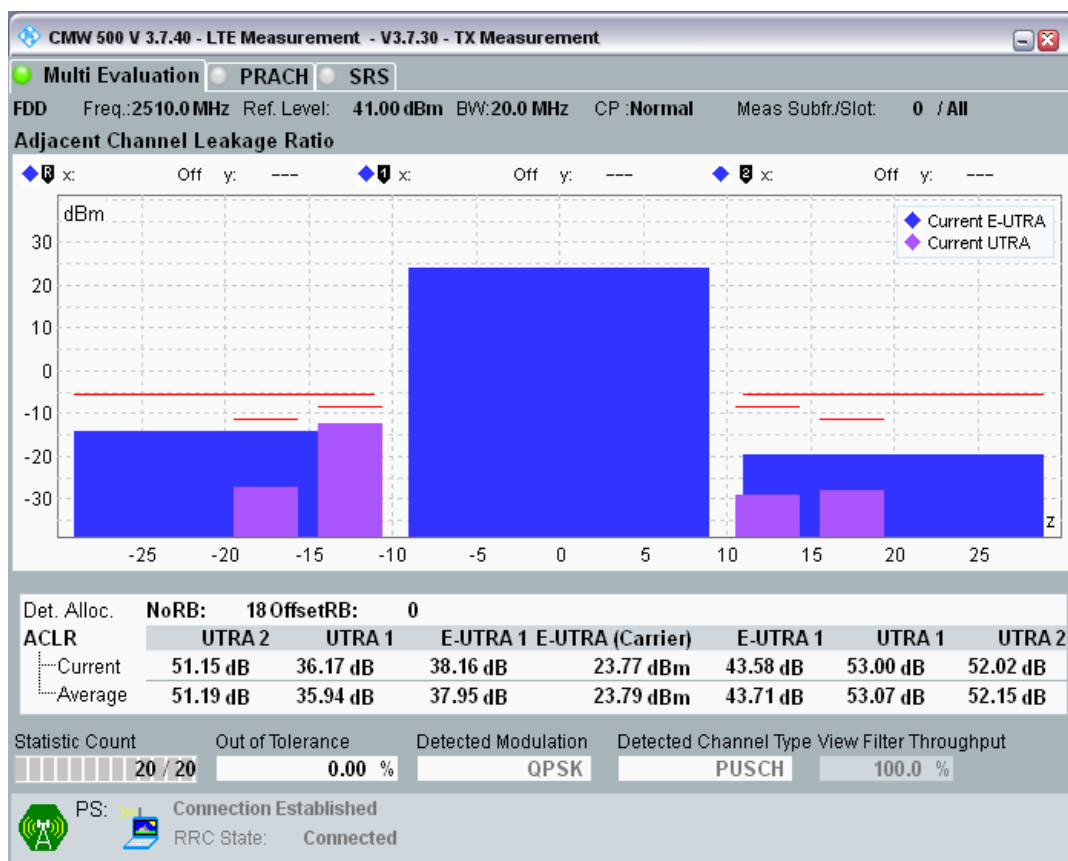
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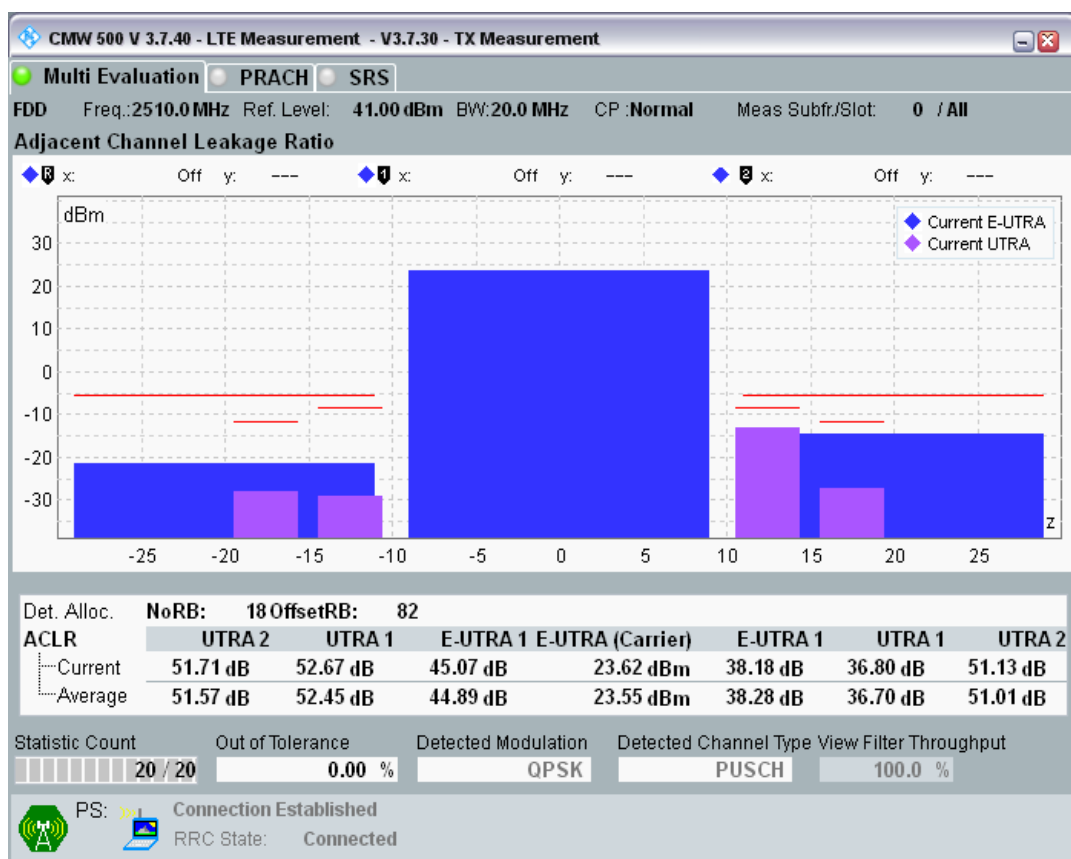
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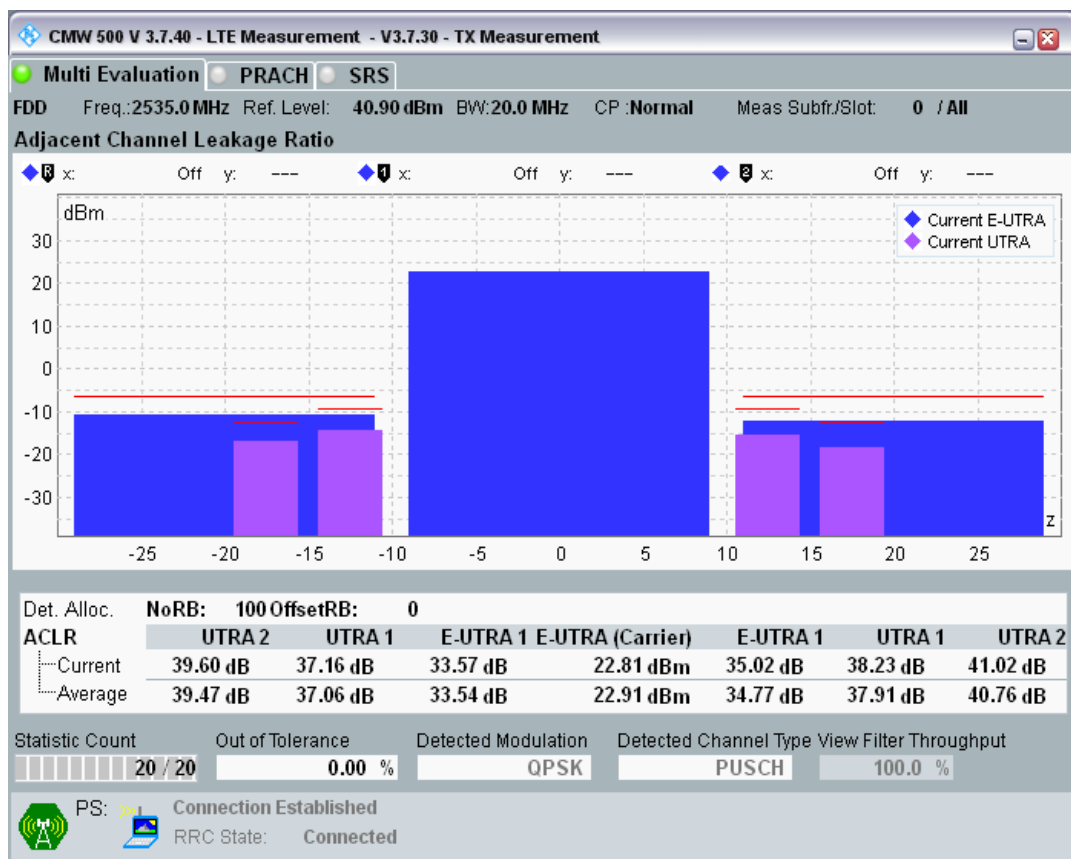
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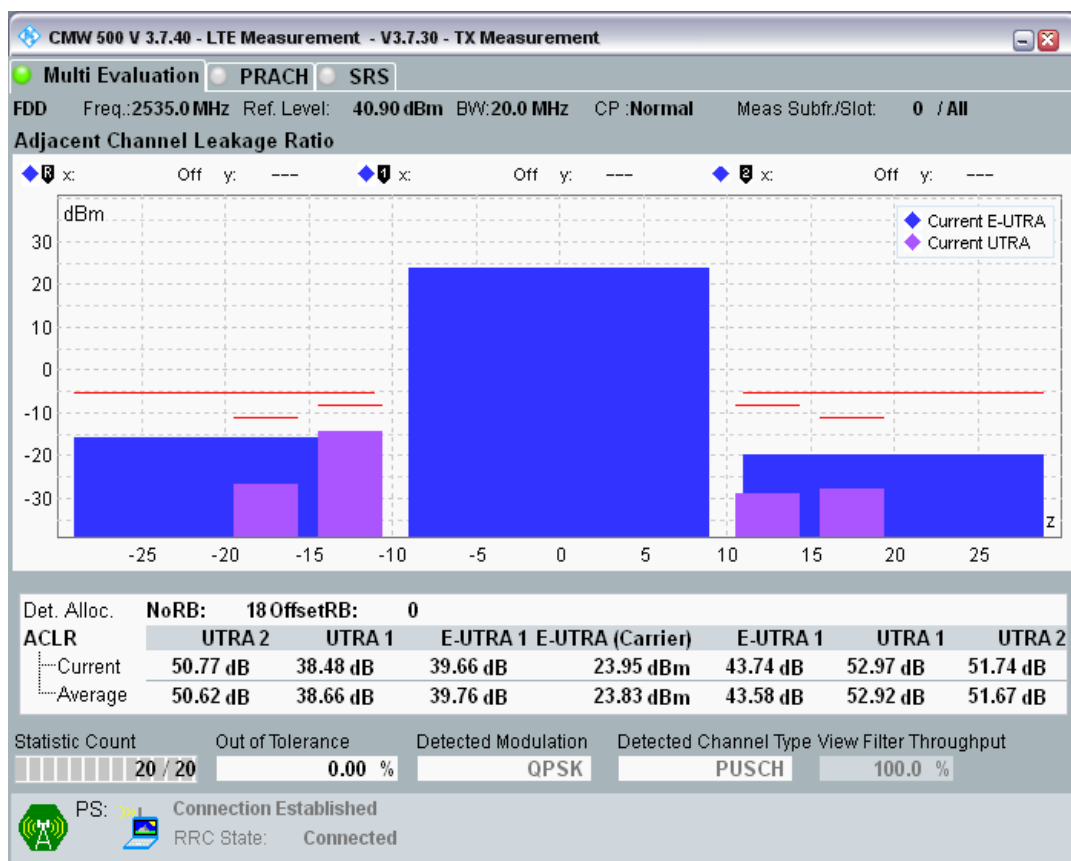
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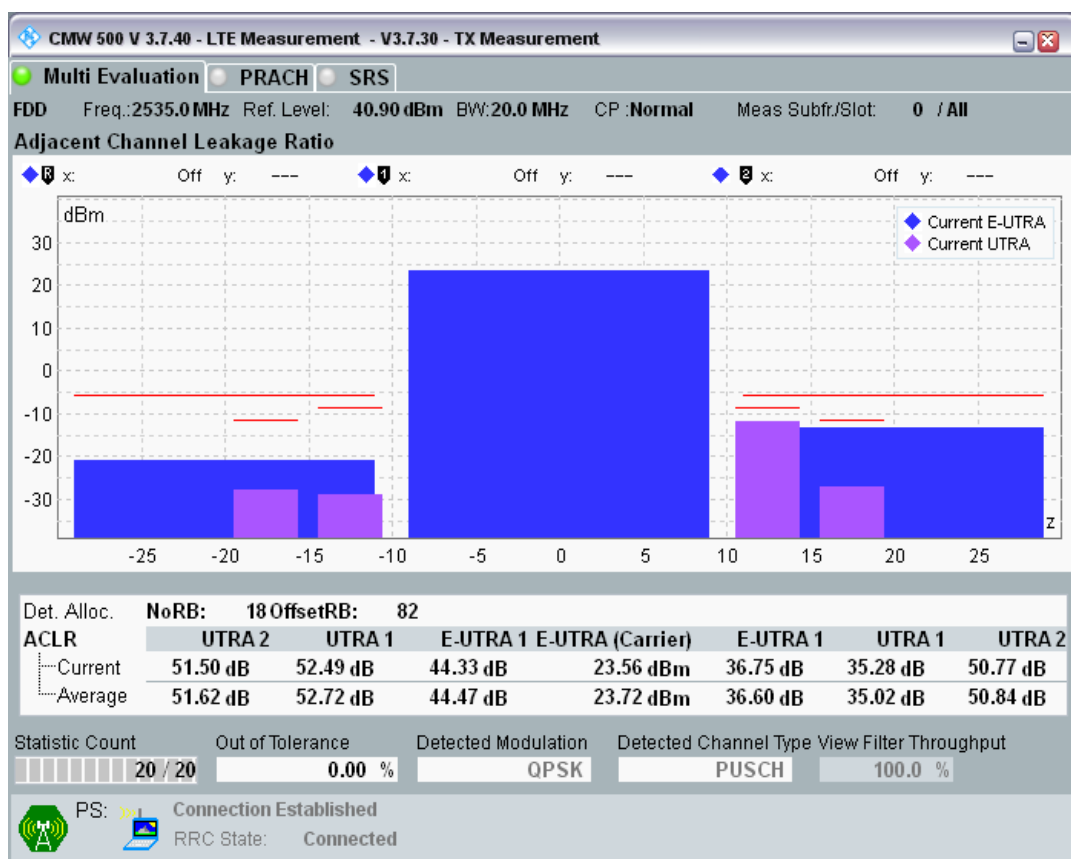
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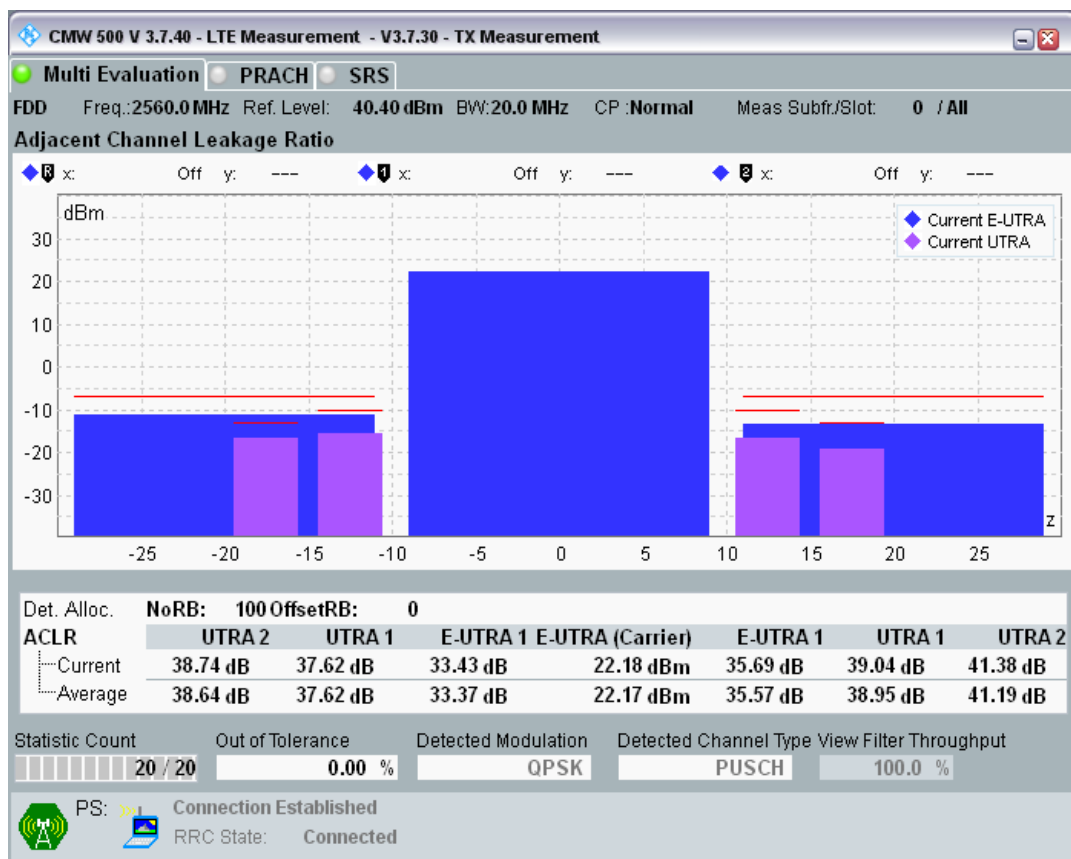
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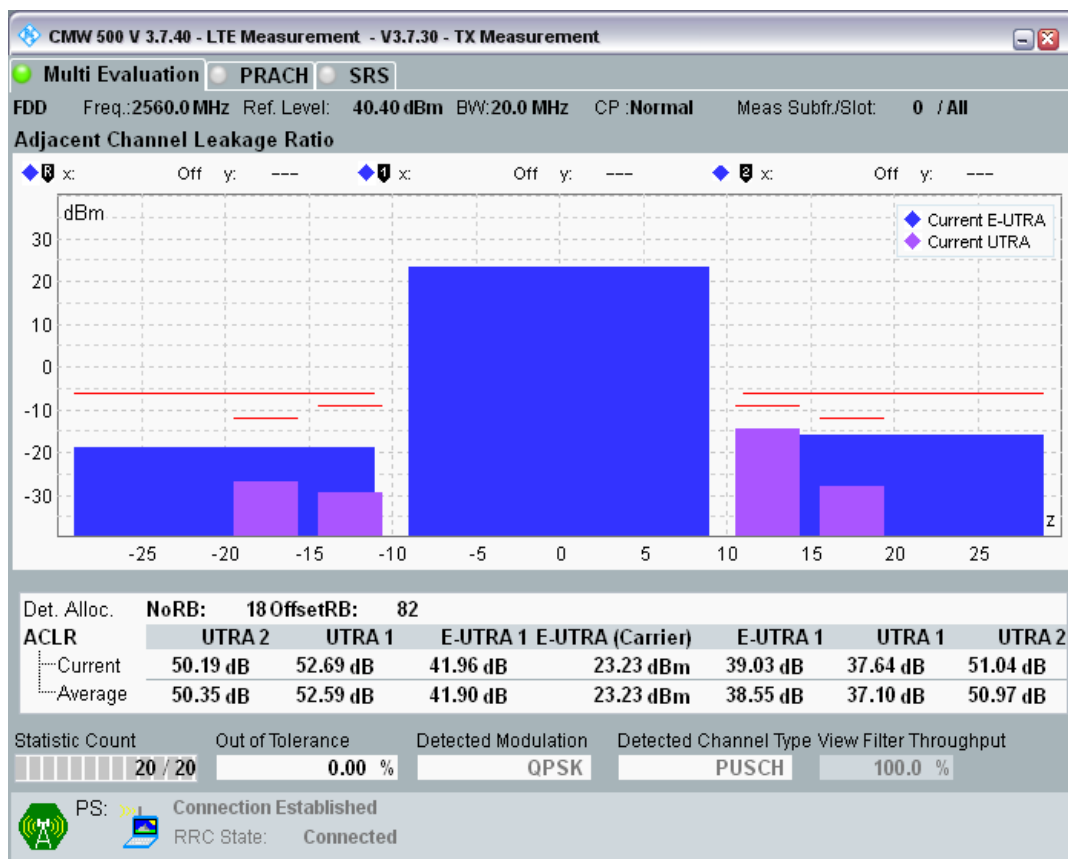
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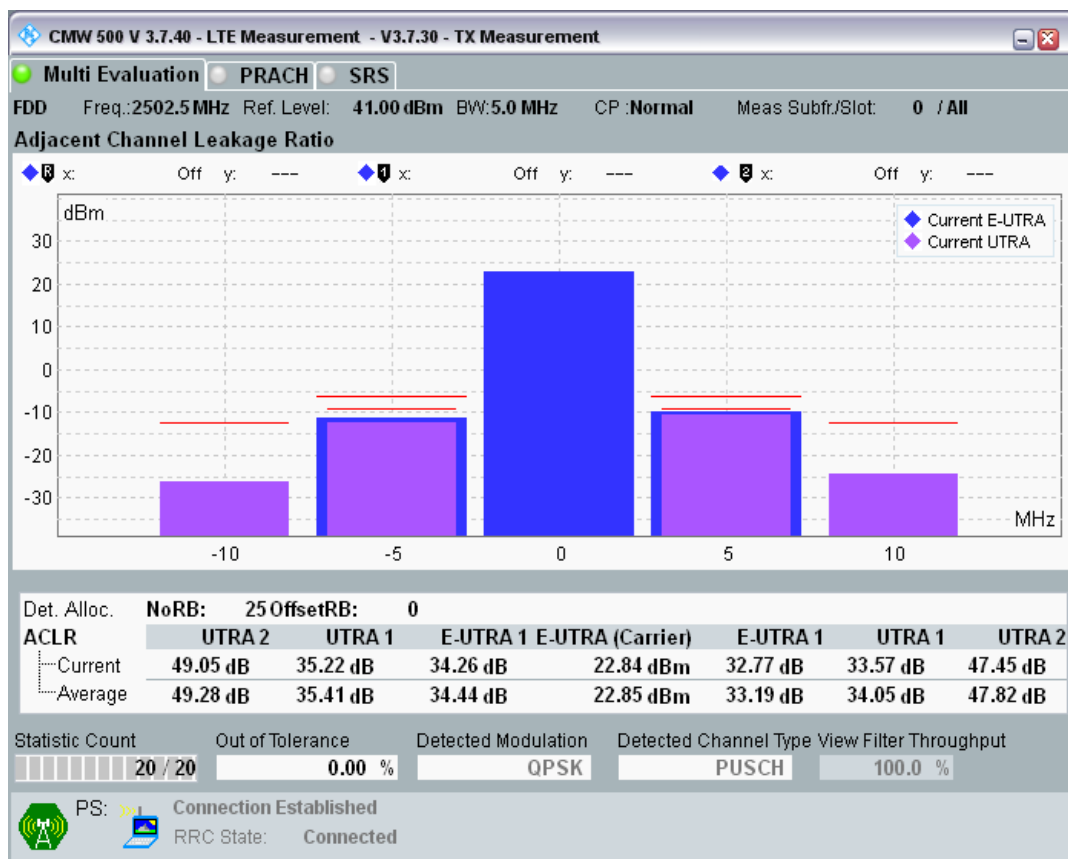
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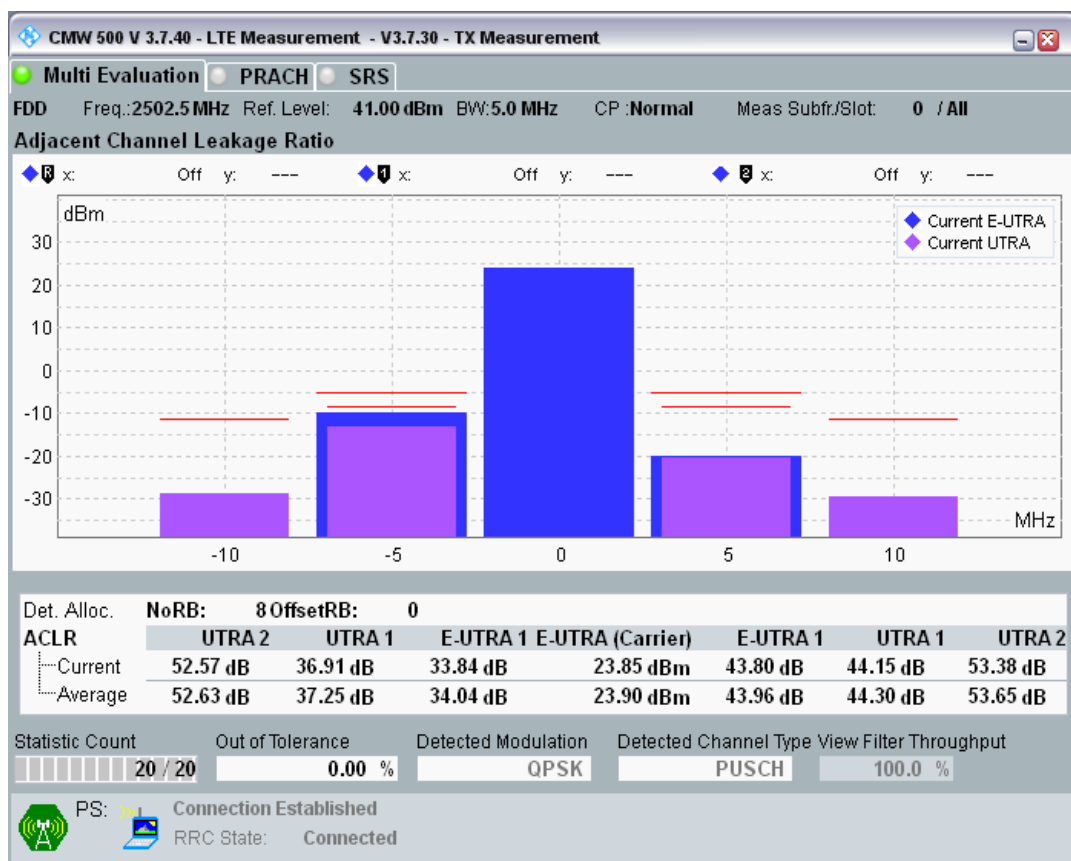
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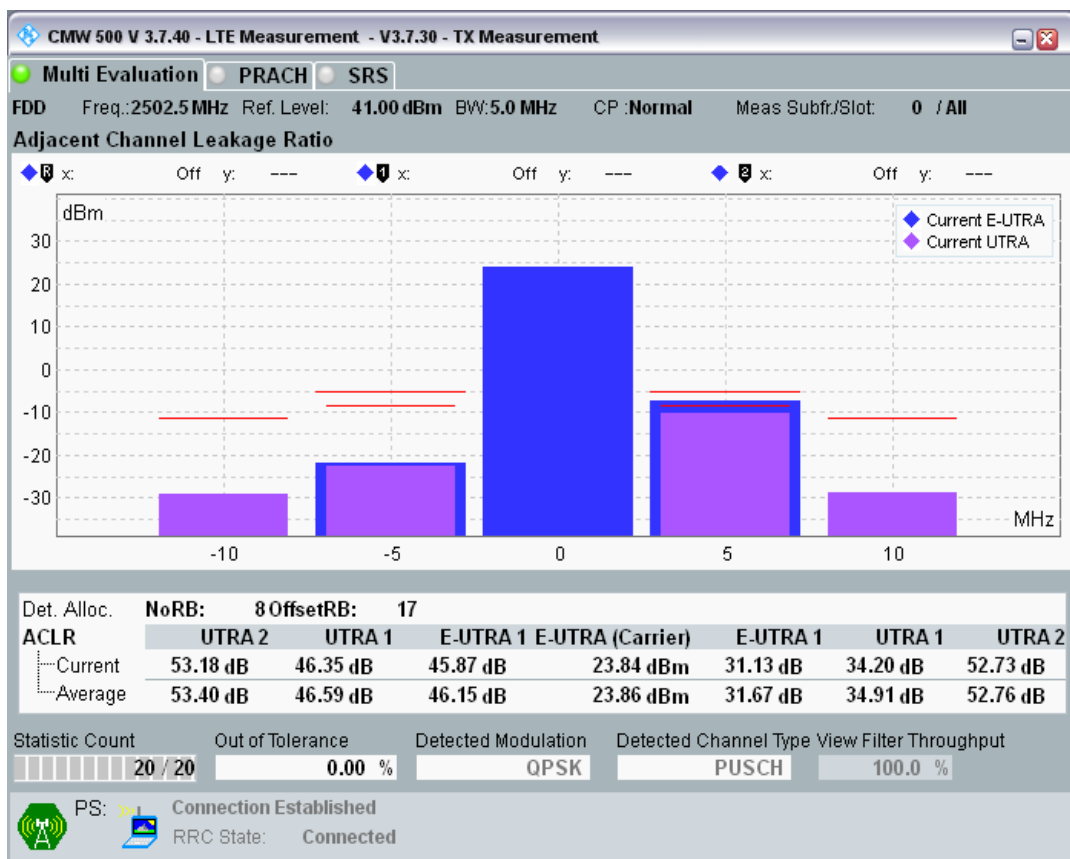
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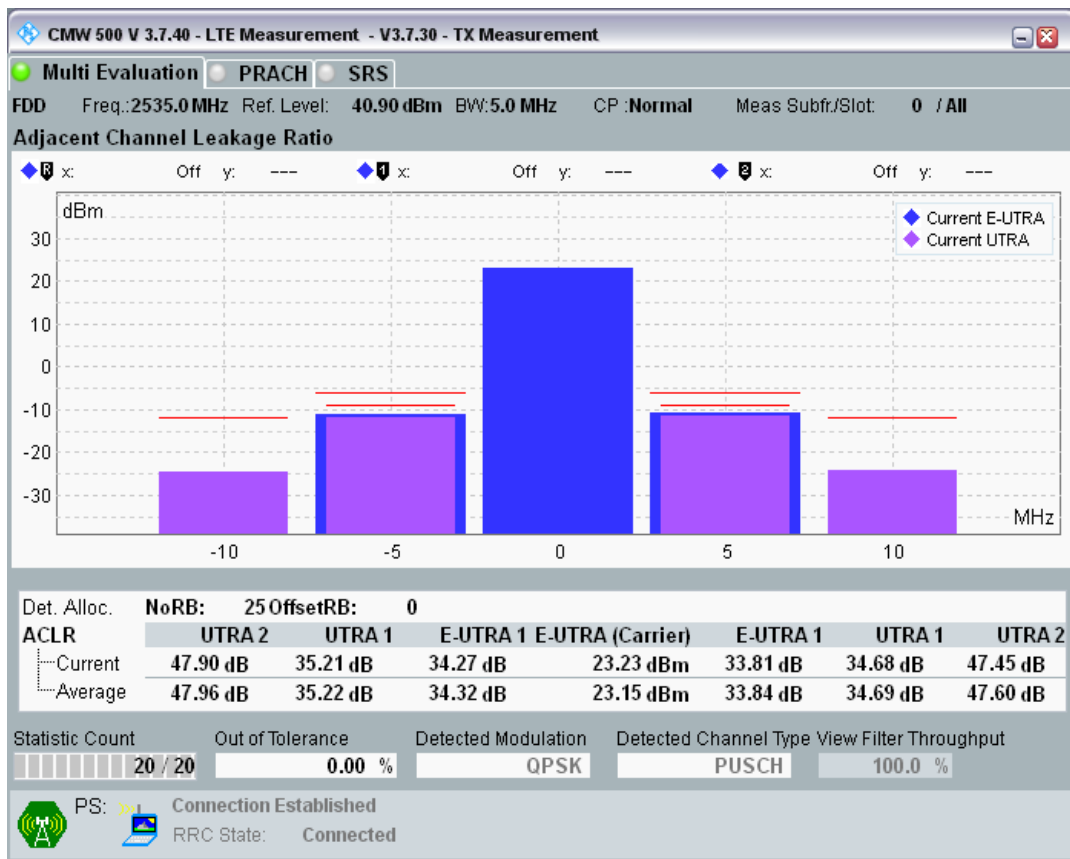
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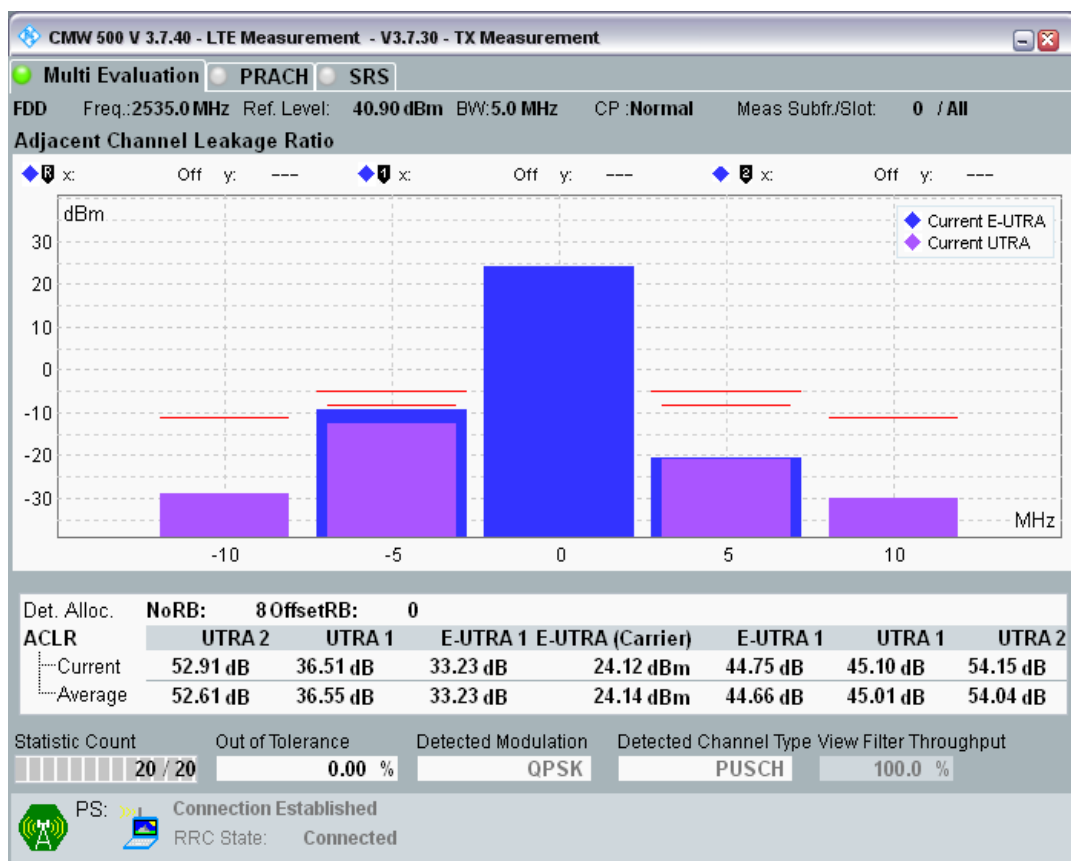
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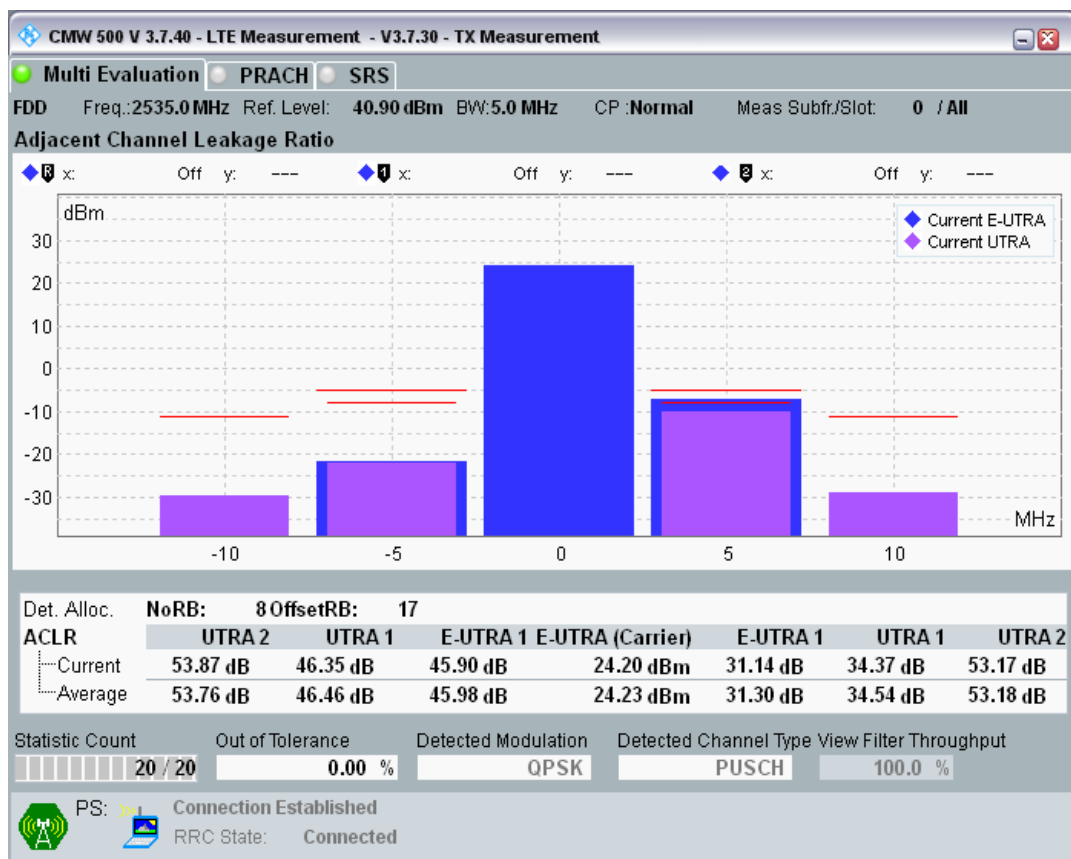
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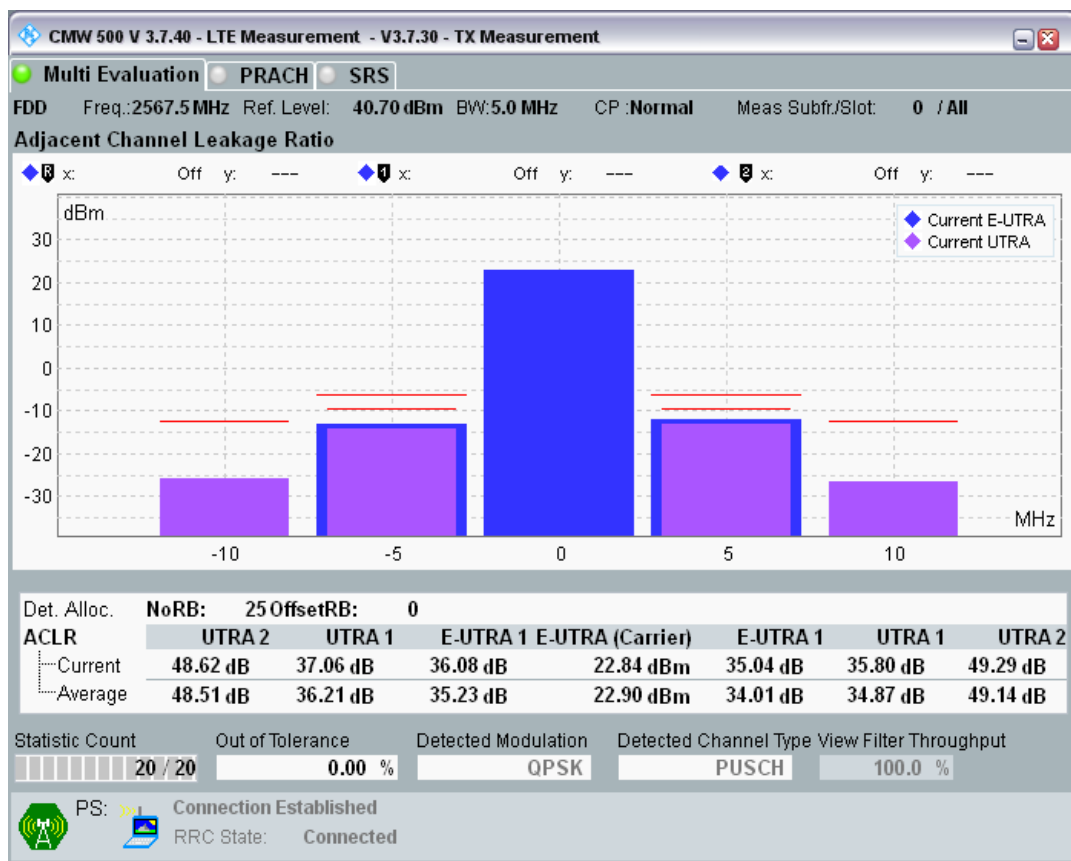
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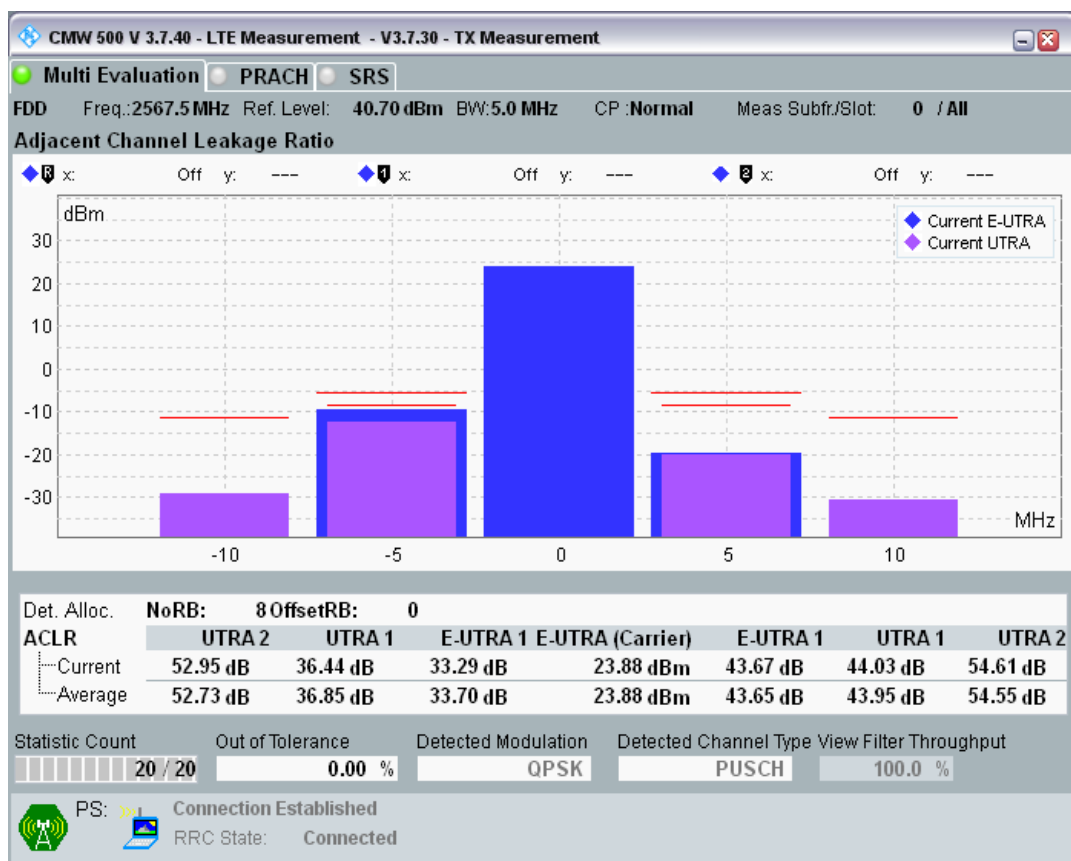
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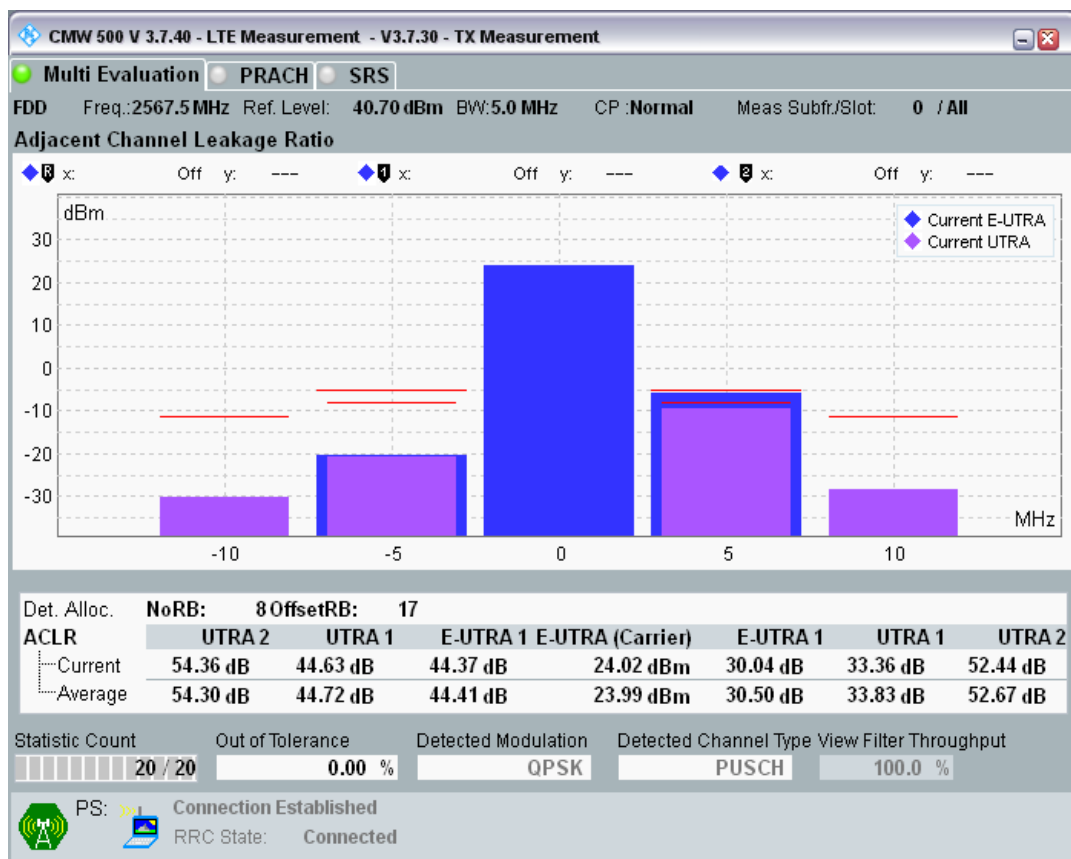
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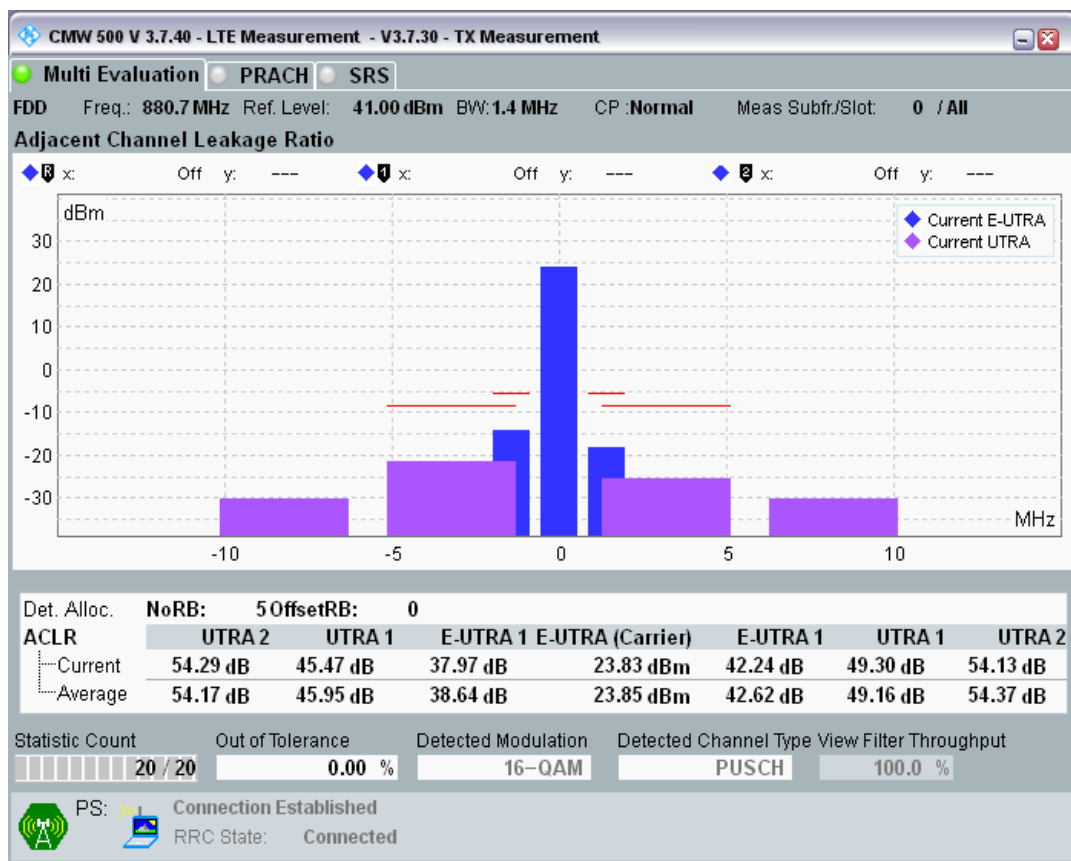
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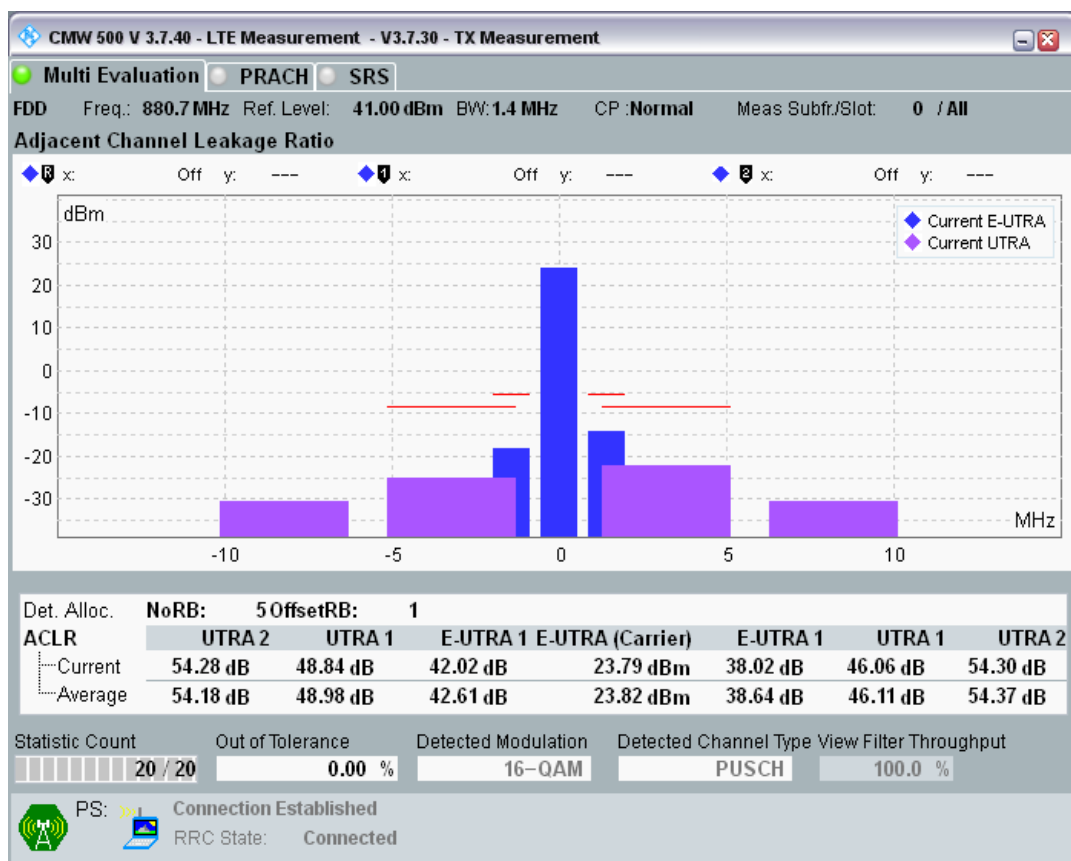
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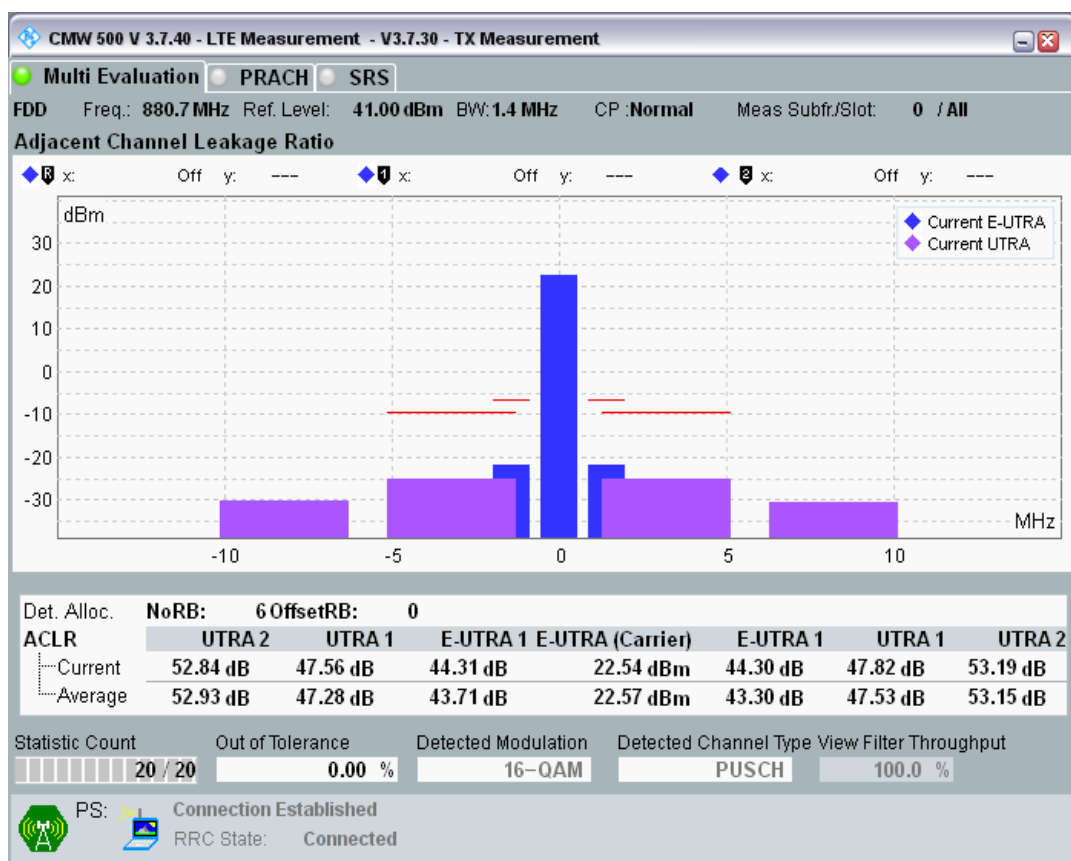
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



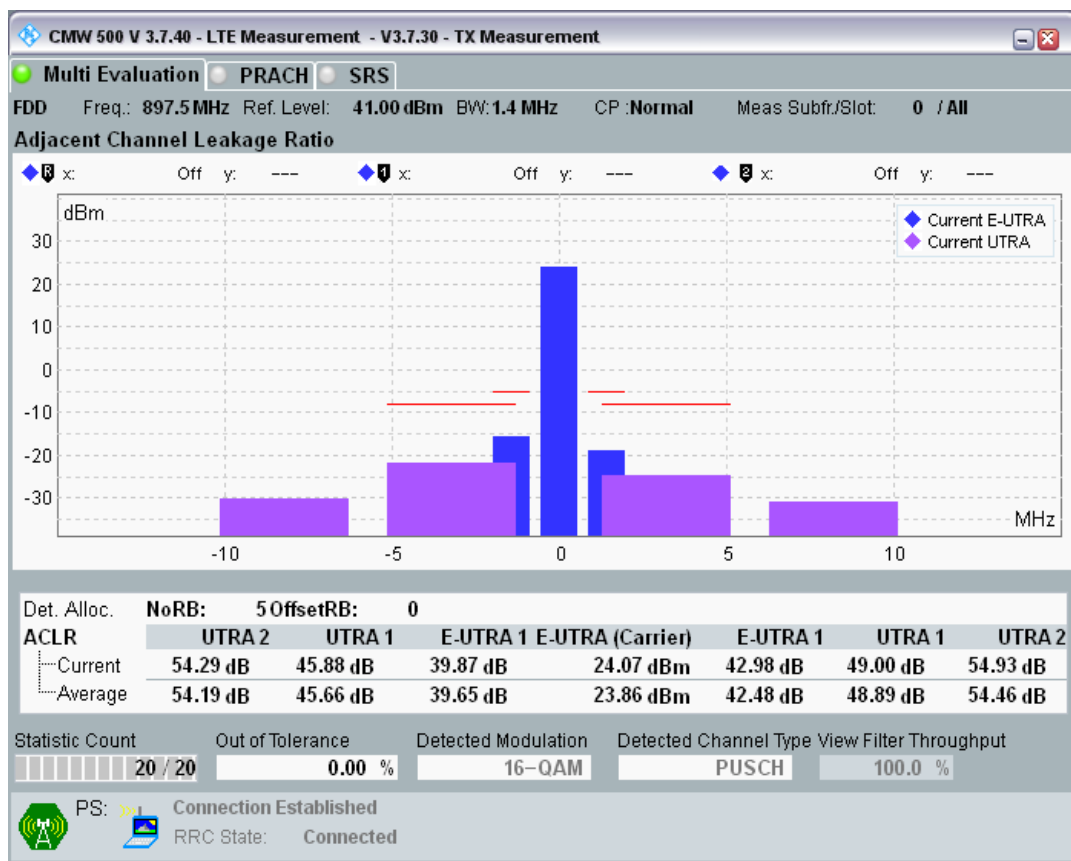
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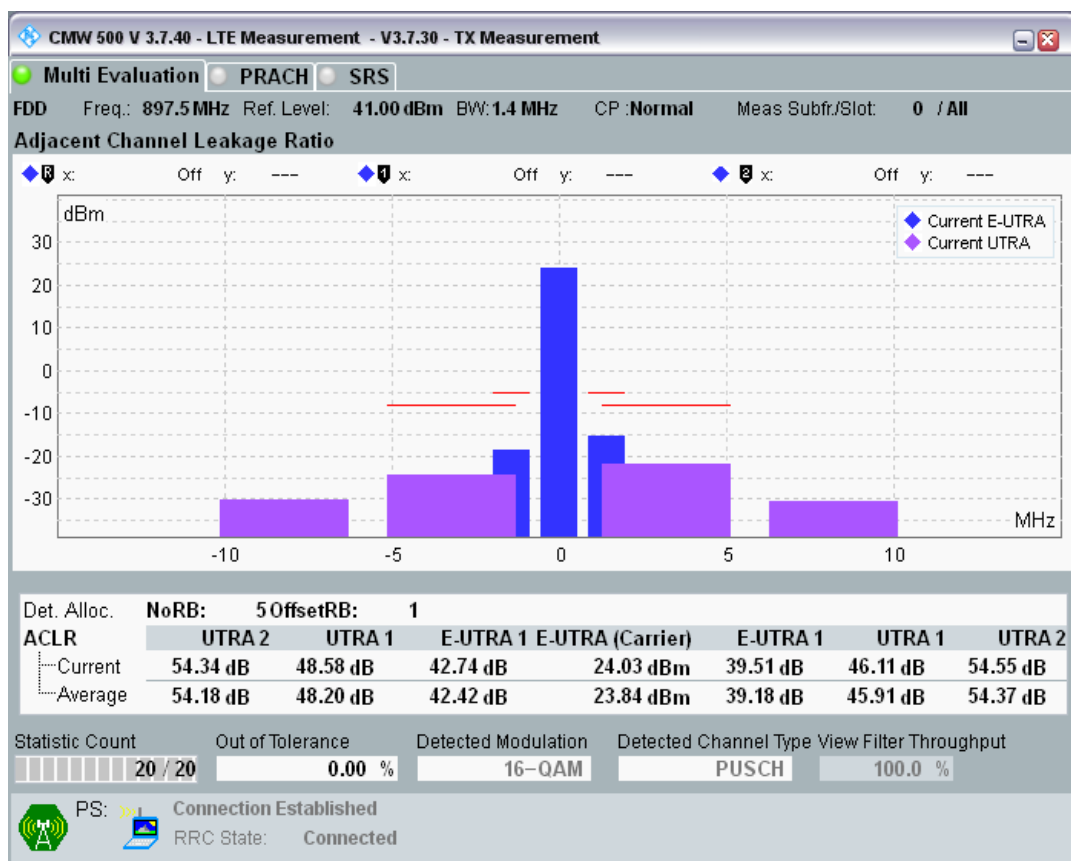
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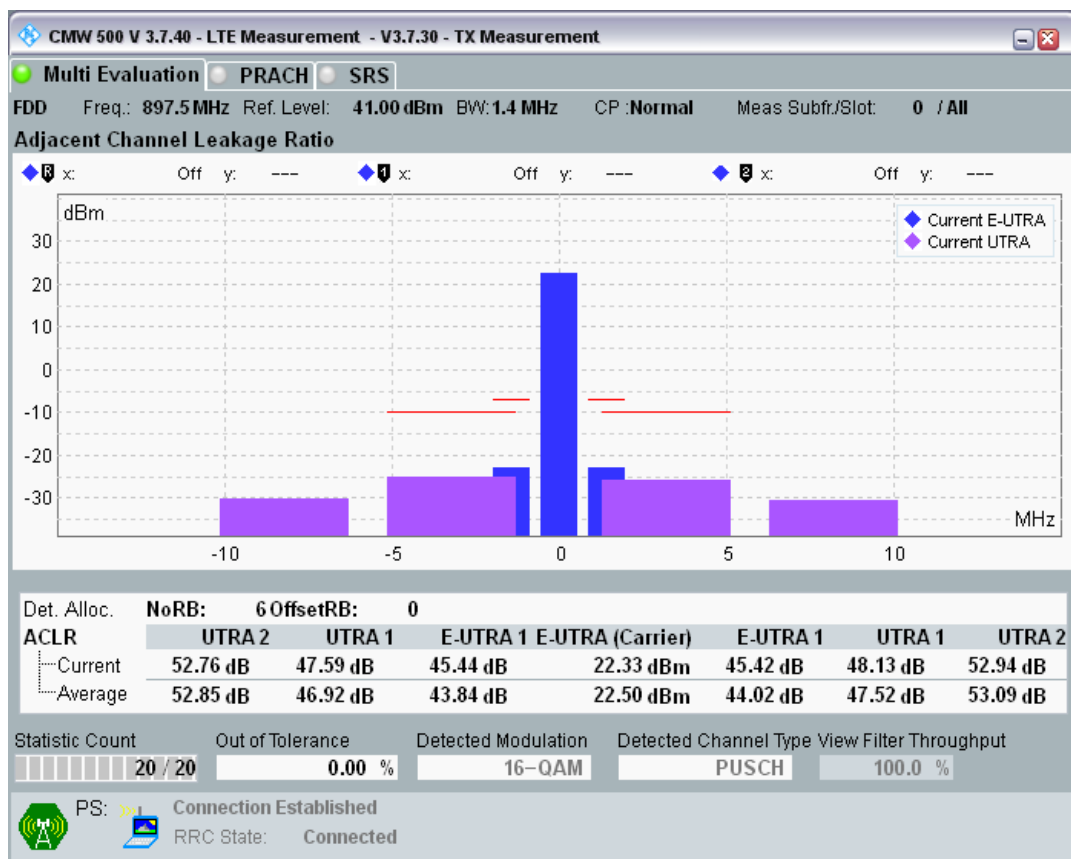
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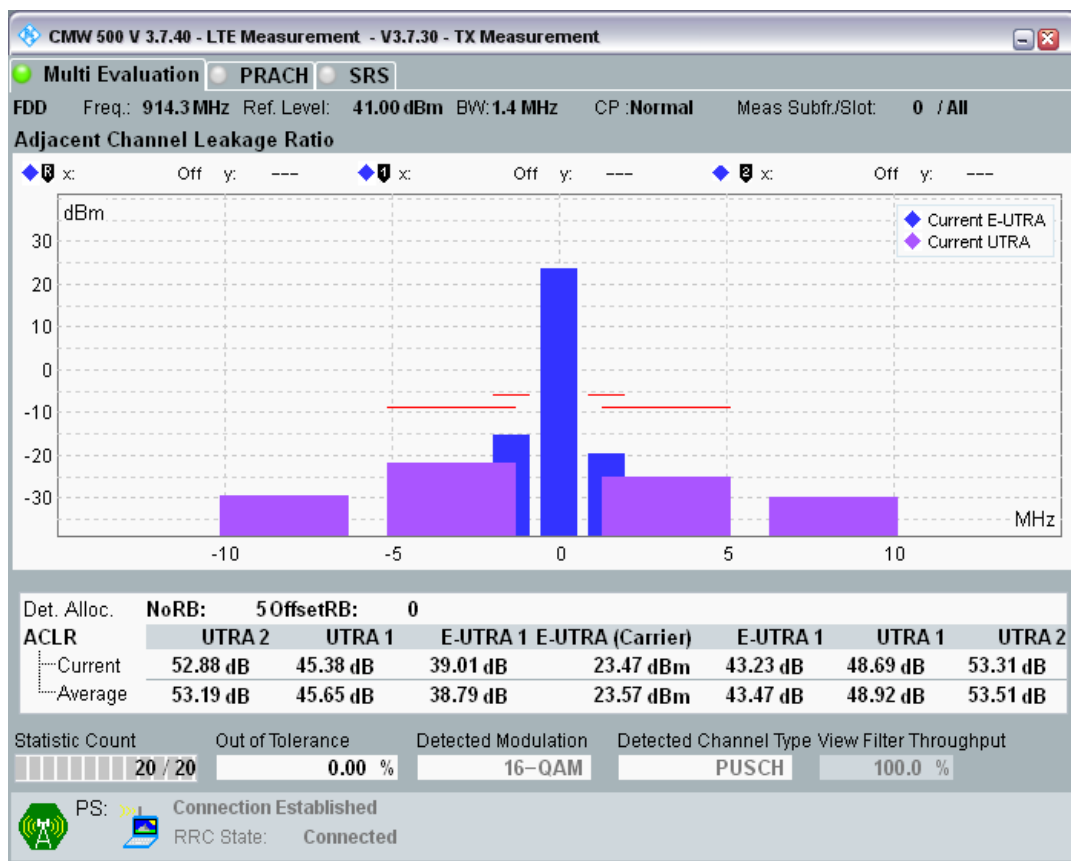
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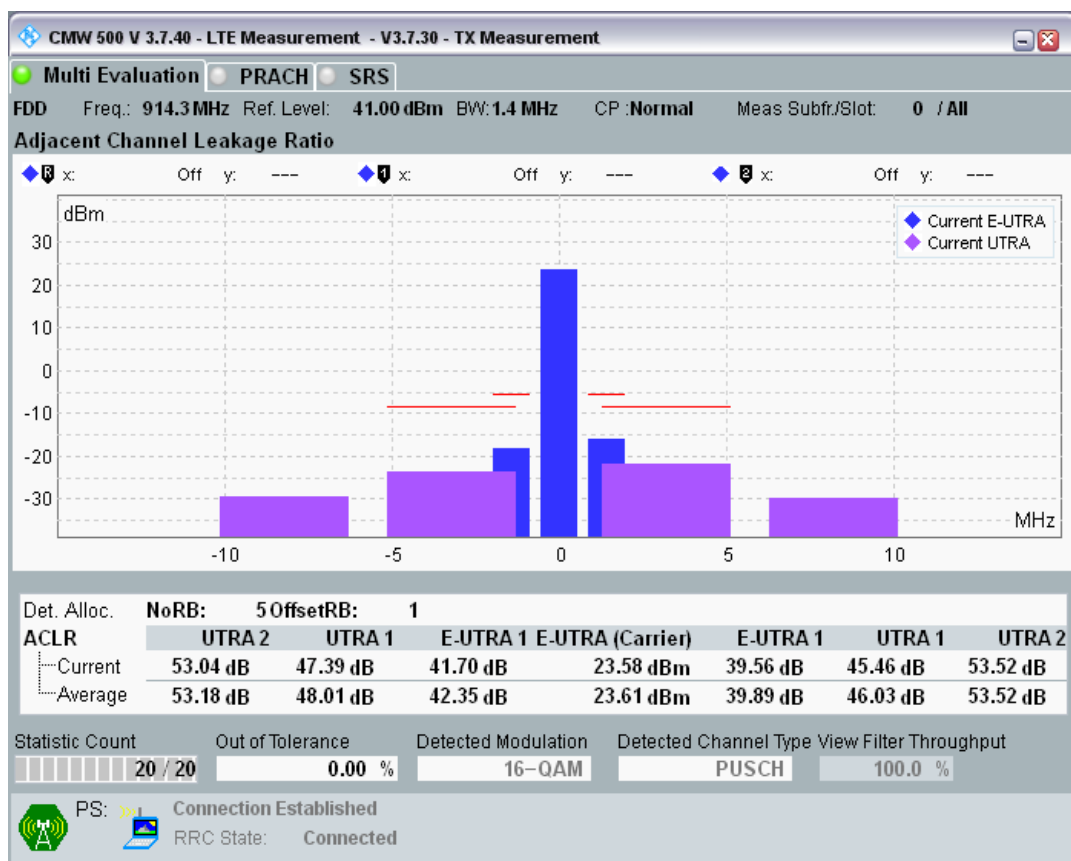
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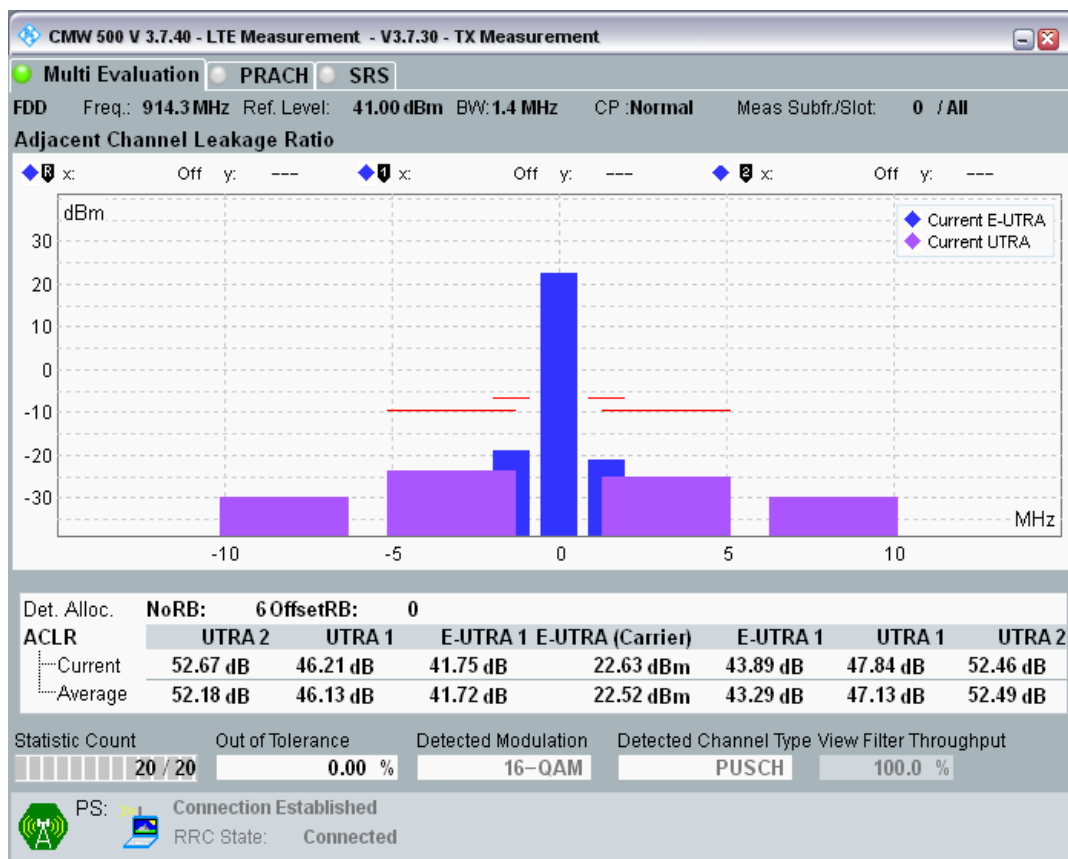
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



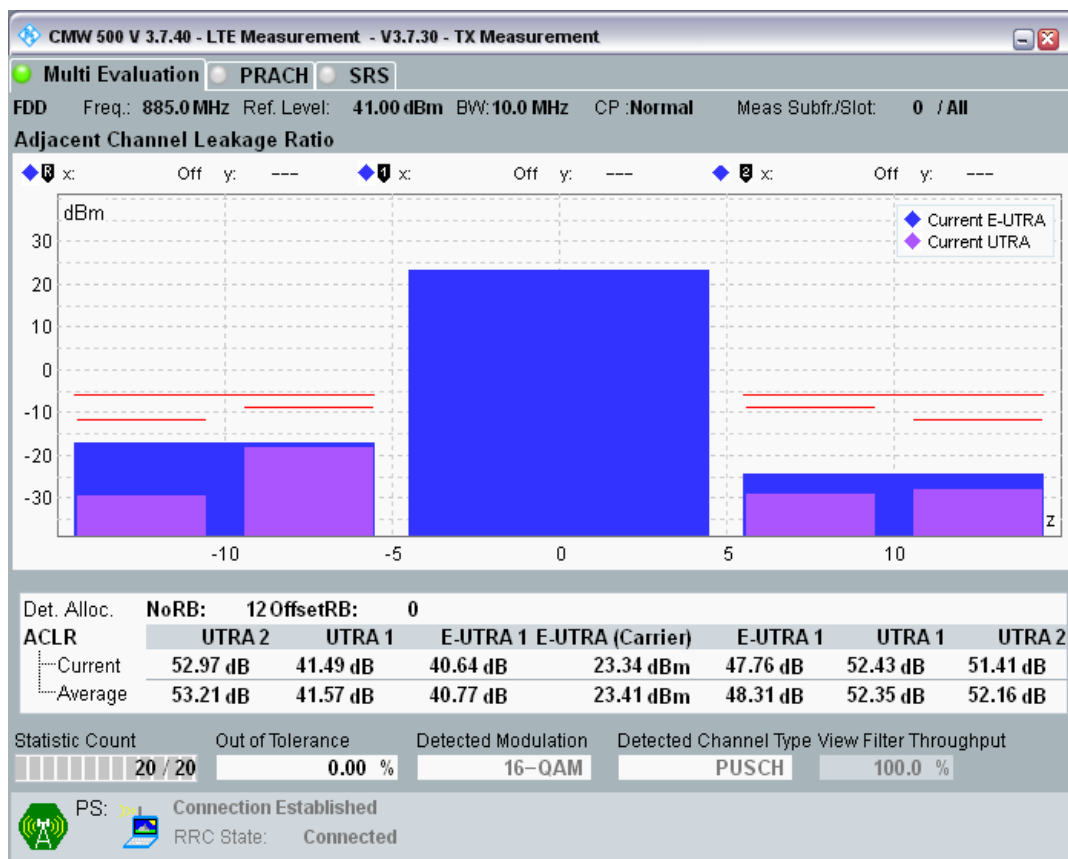
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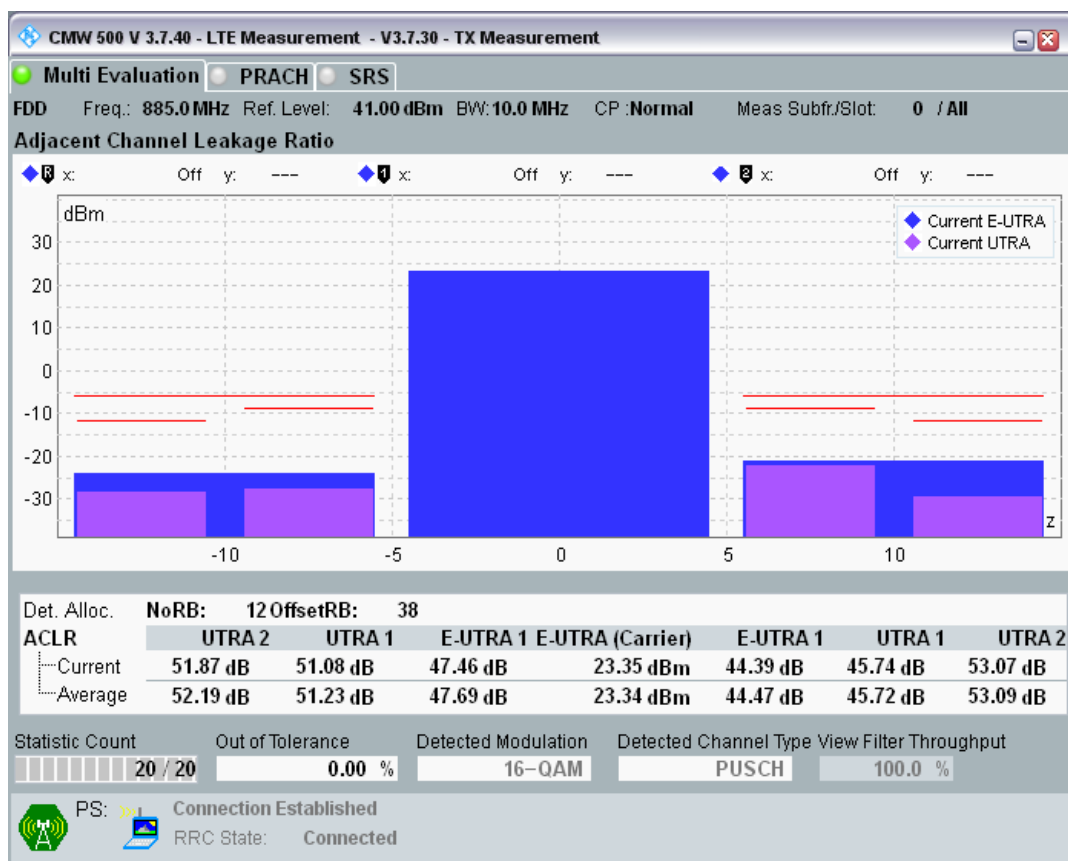
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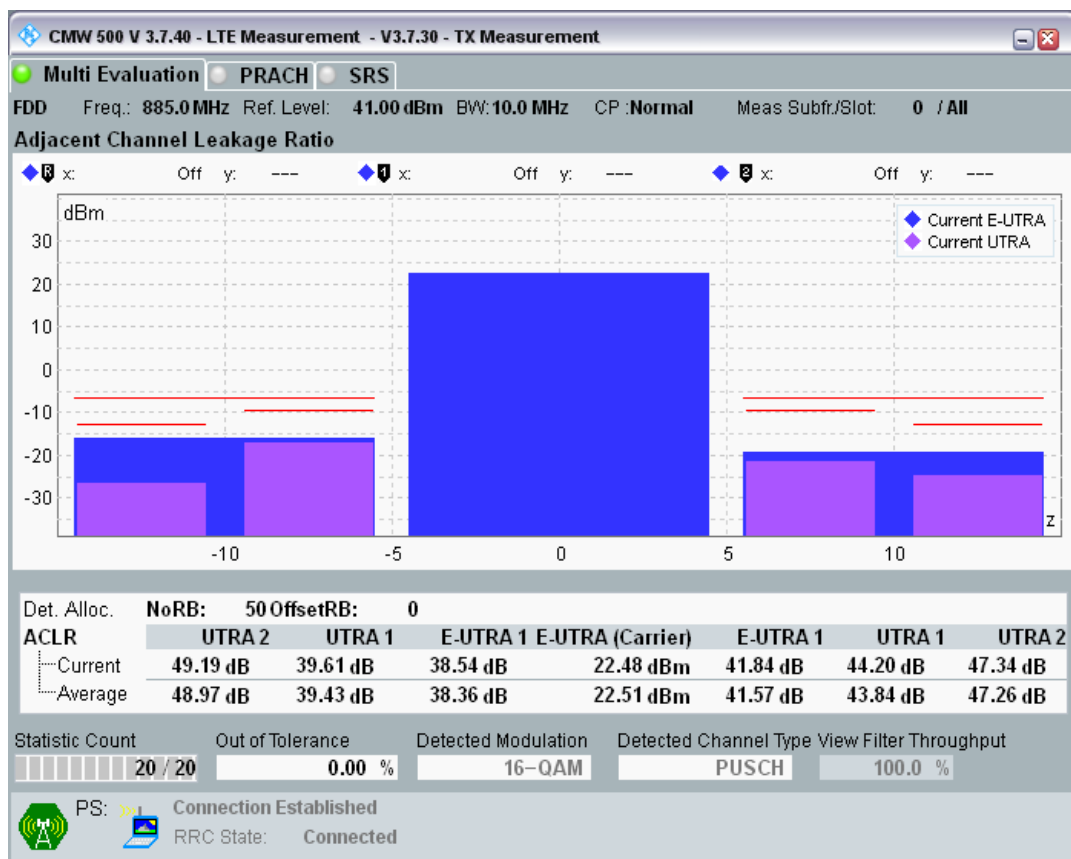
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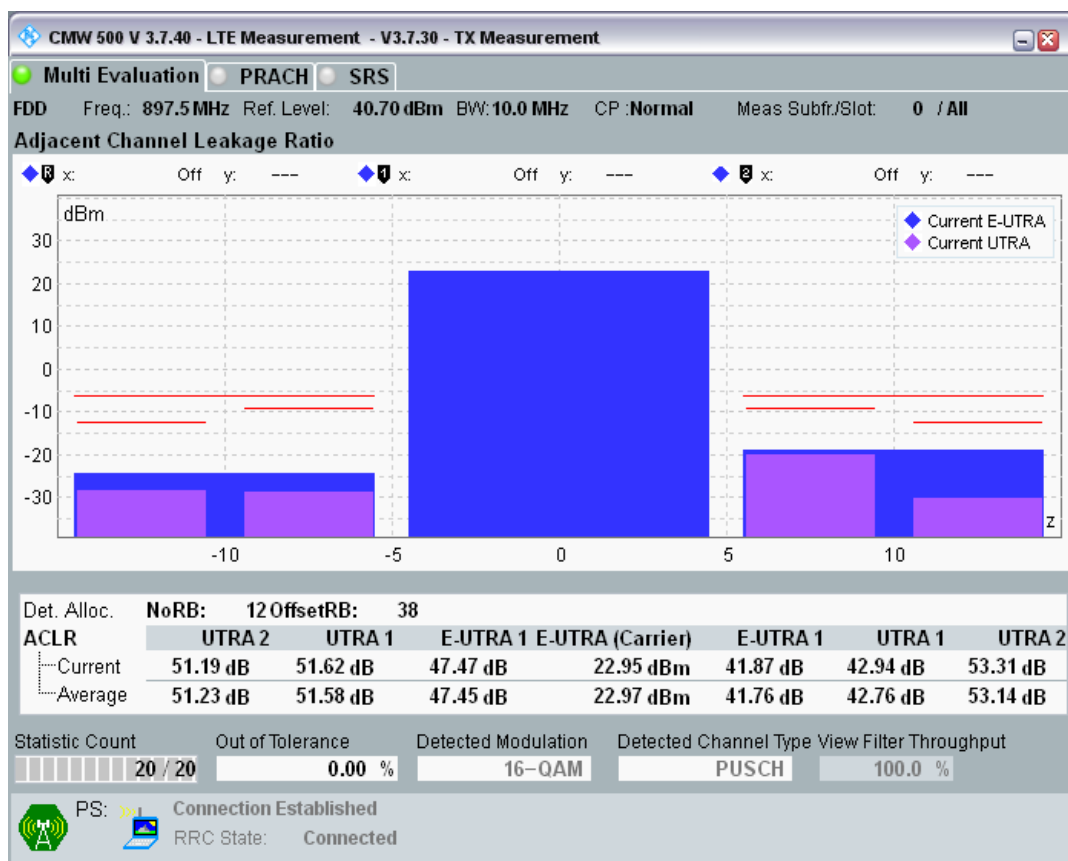
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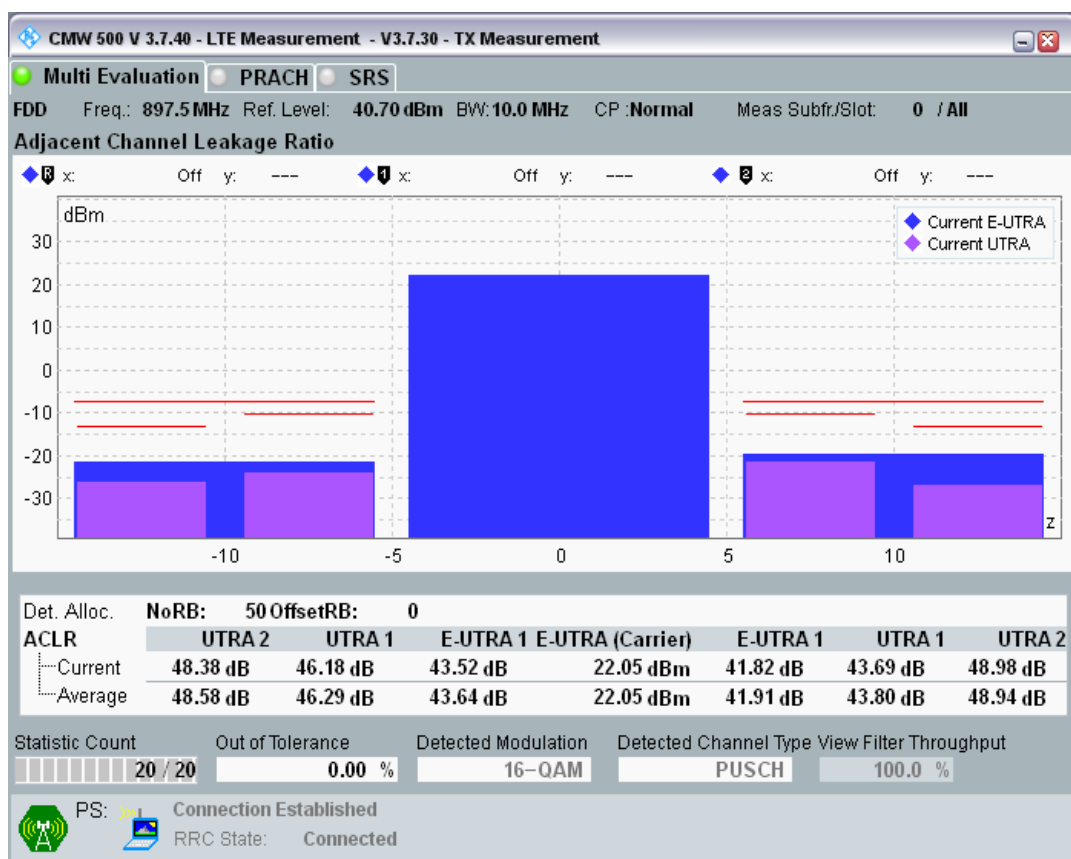
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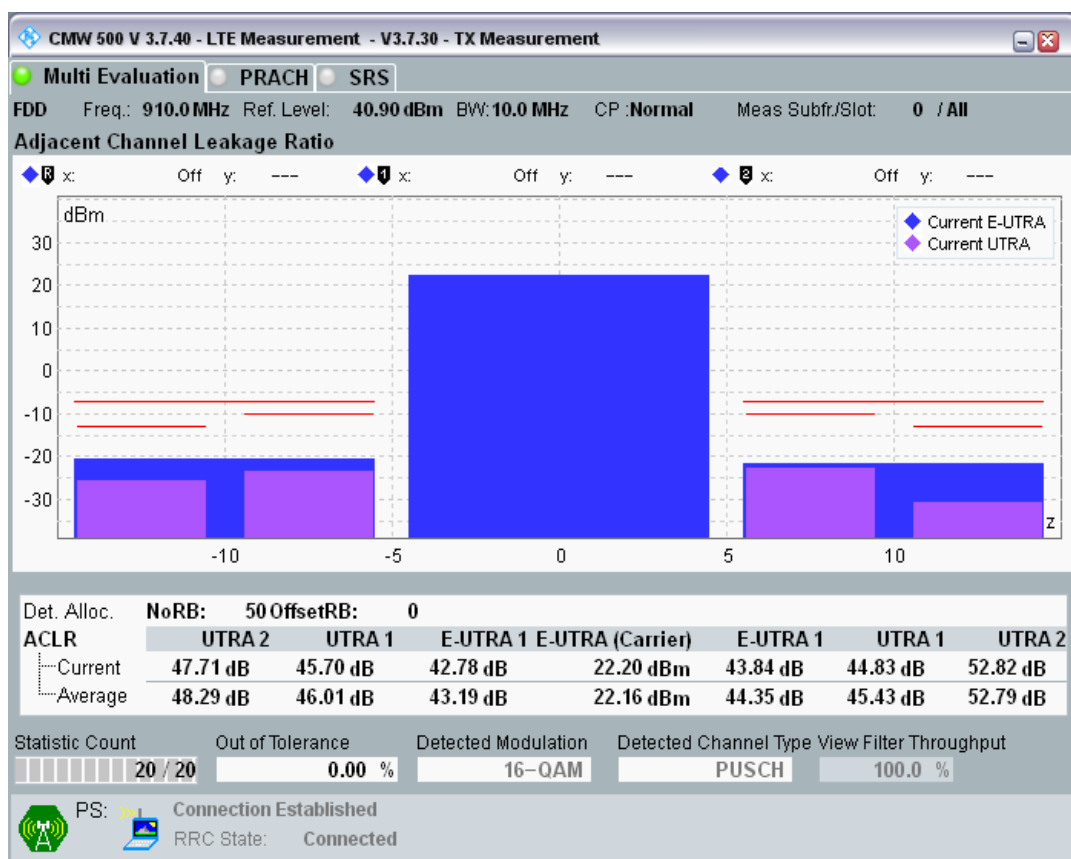
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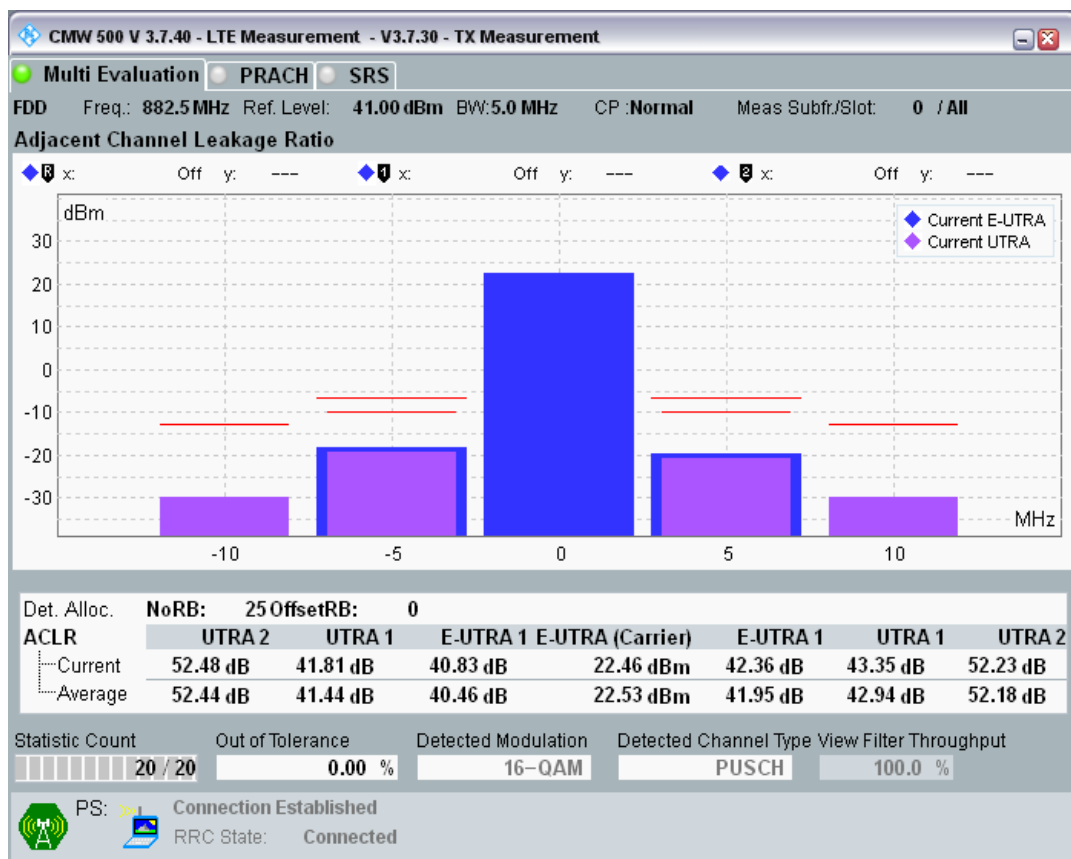
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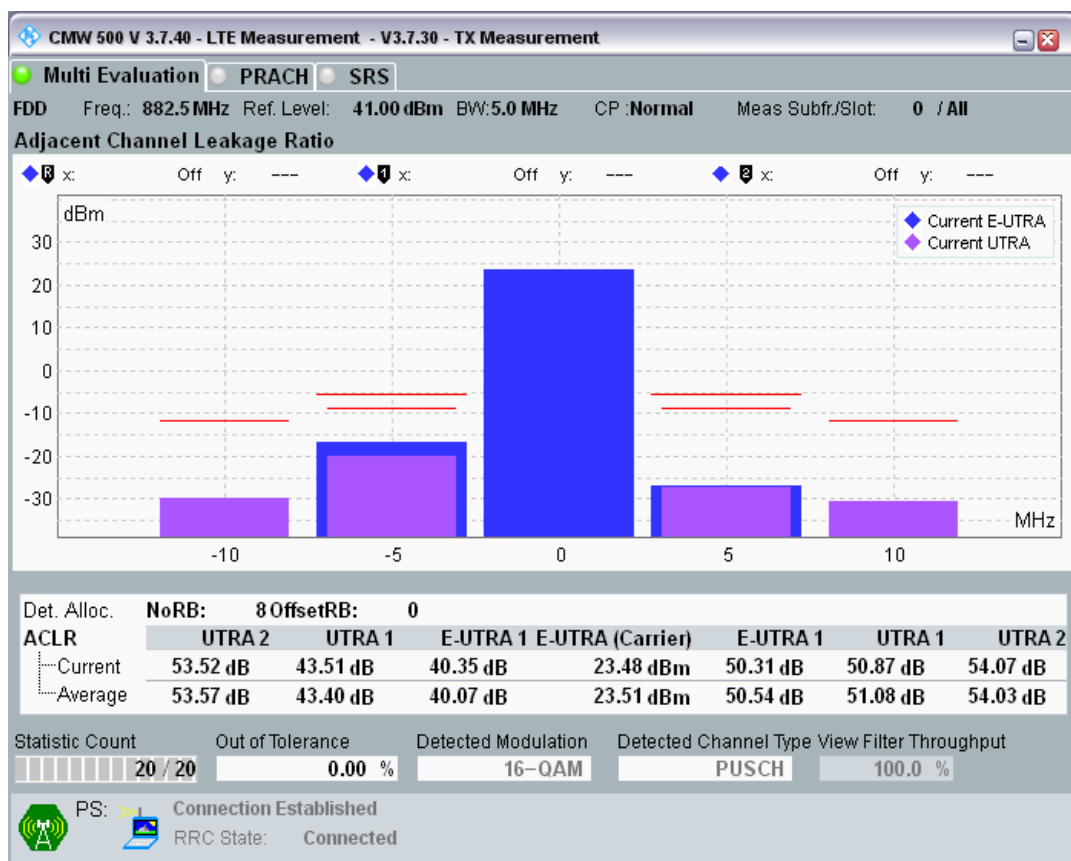
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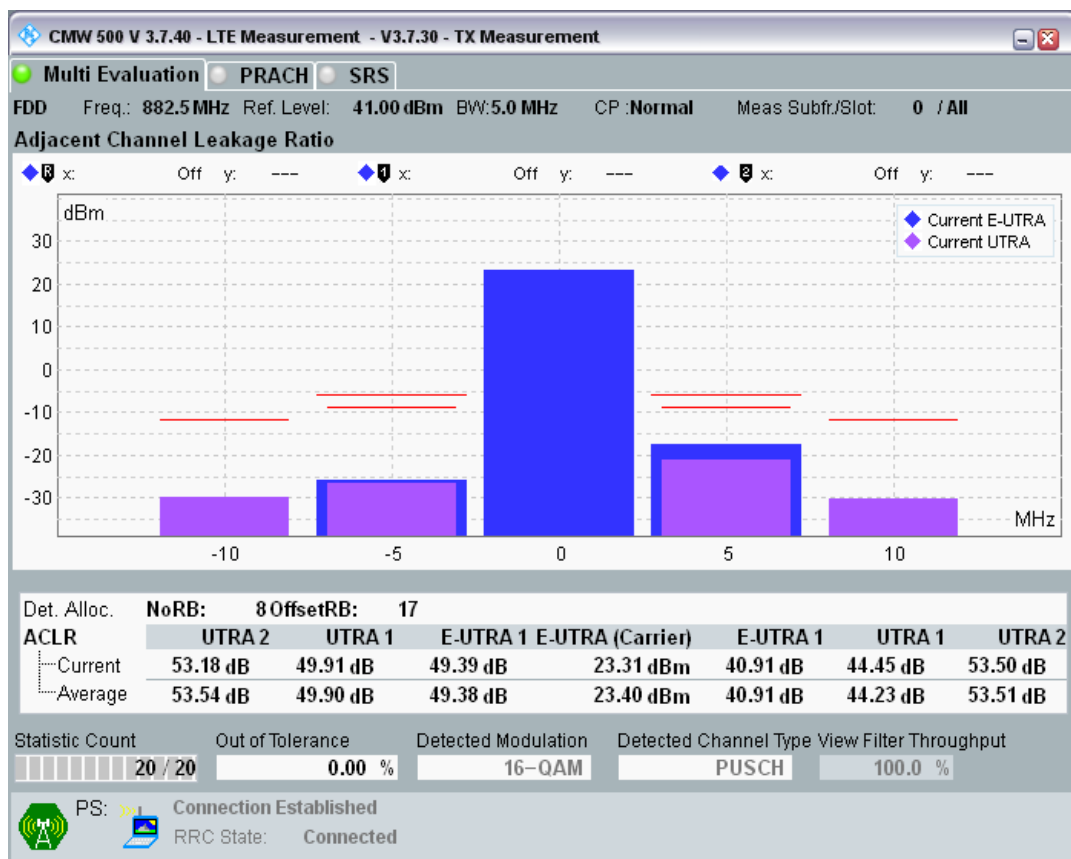
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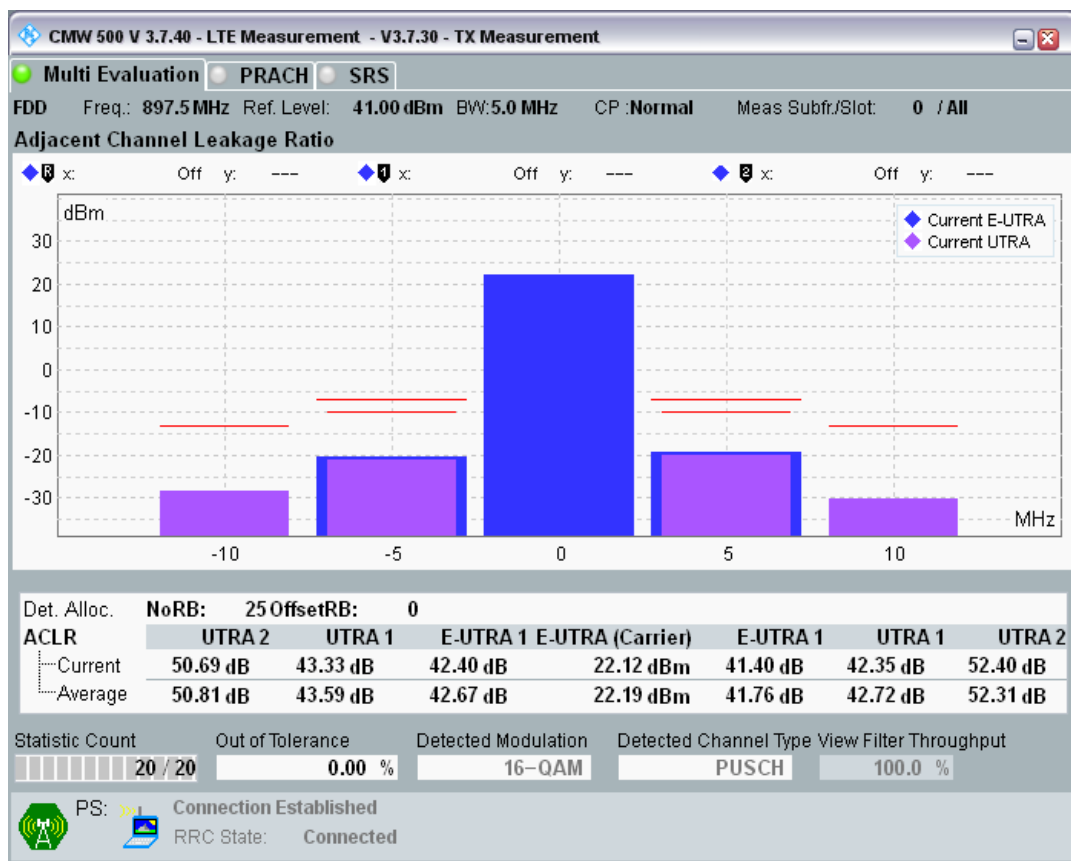
Band8 QAM16 BW=5MHz Channel=21475 RB Size=8 Position=#0.png



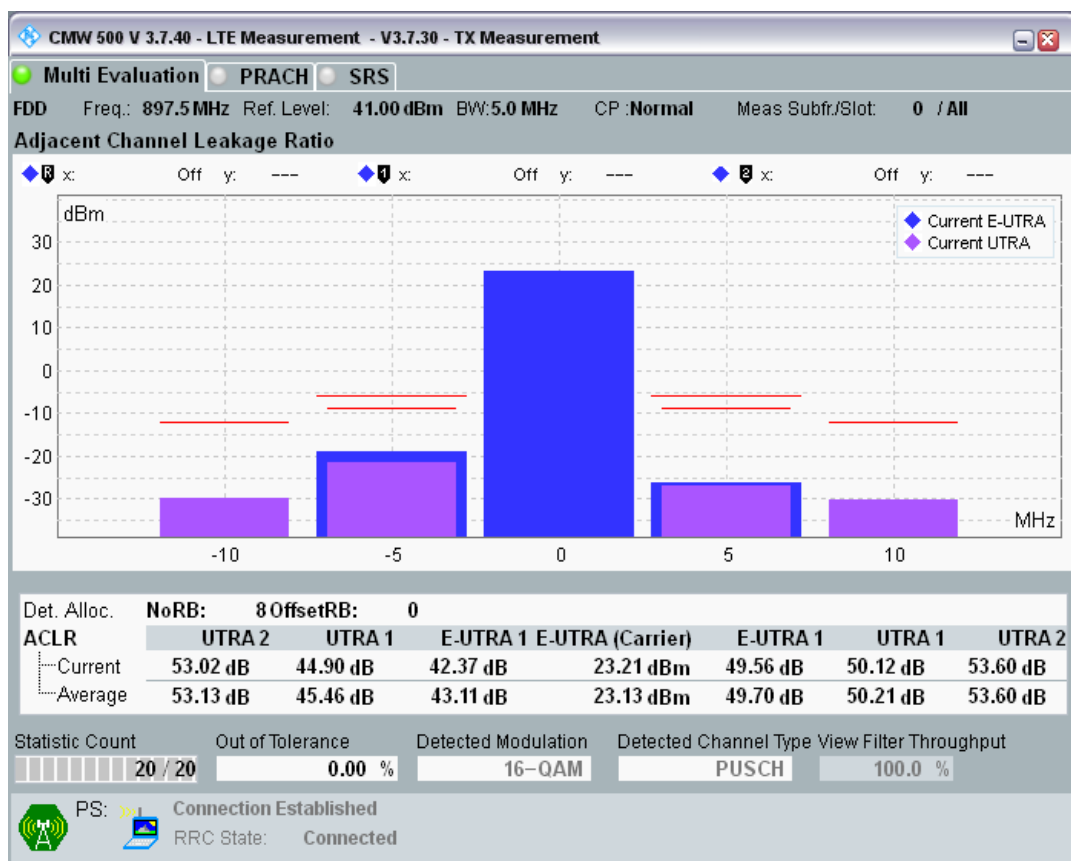
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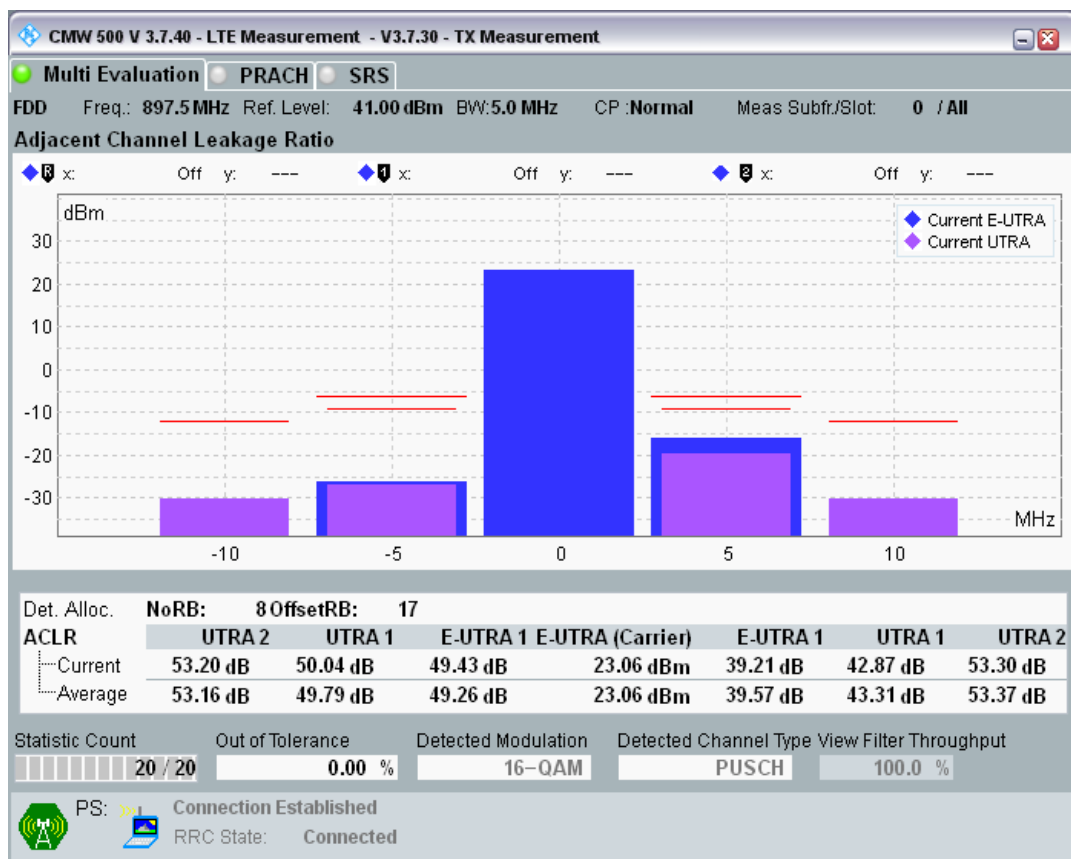
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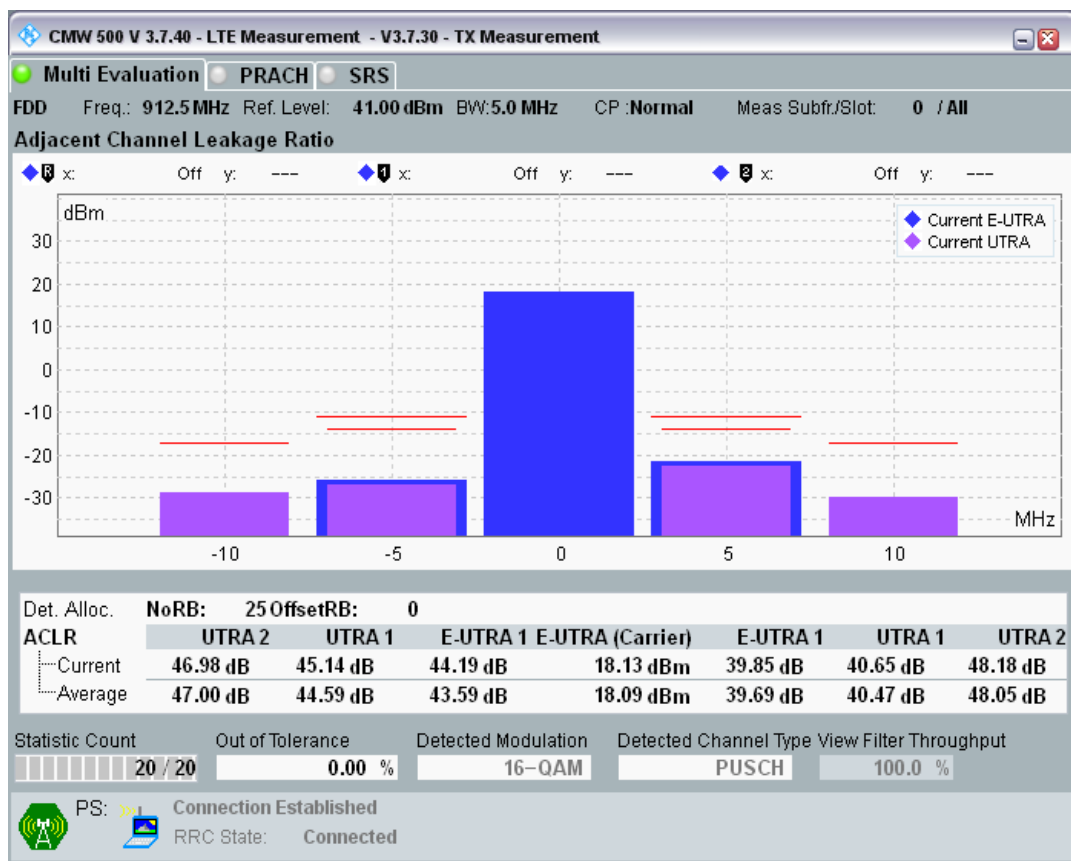
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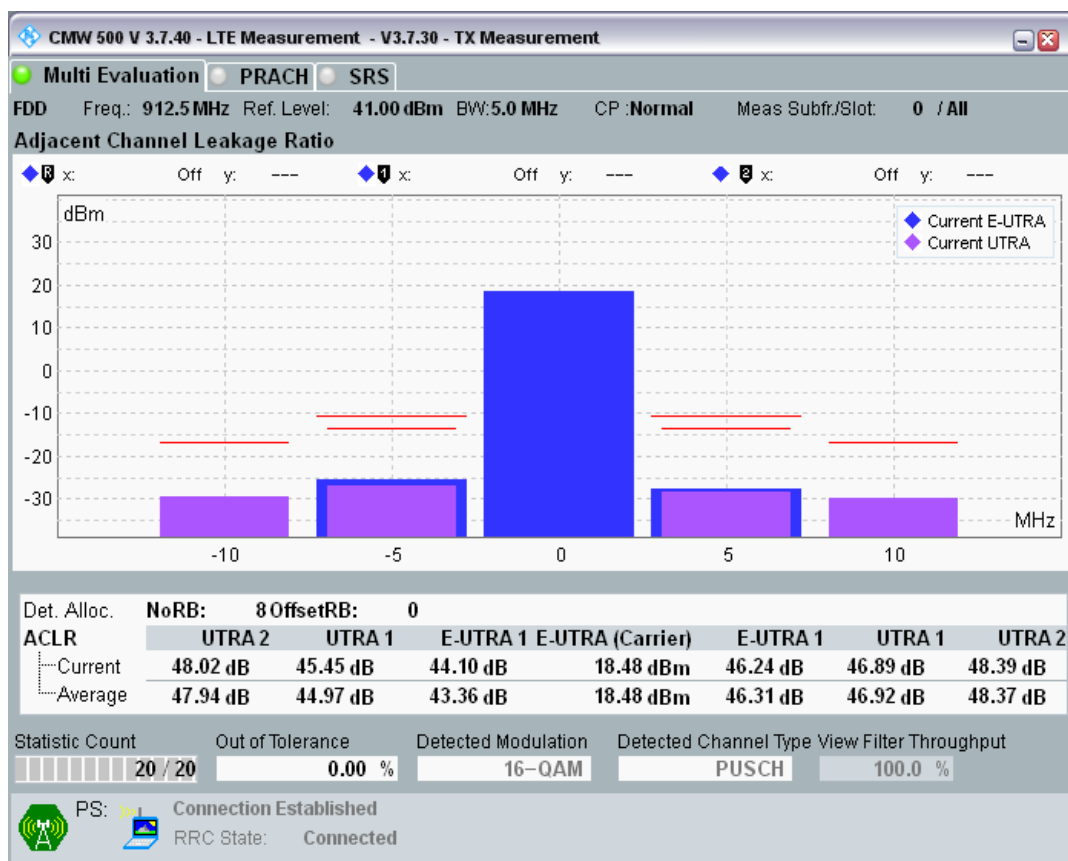
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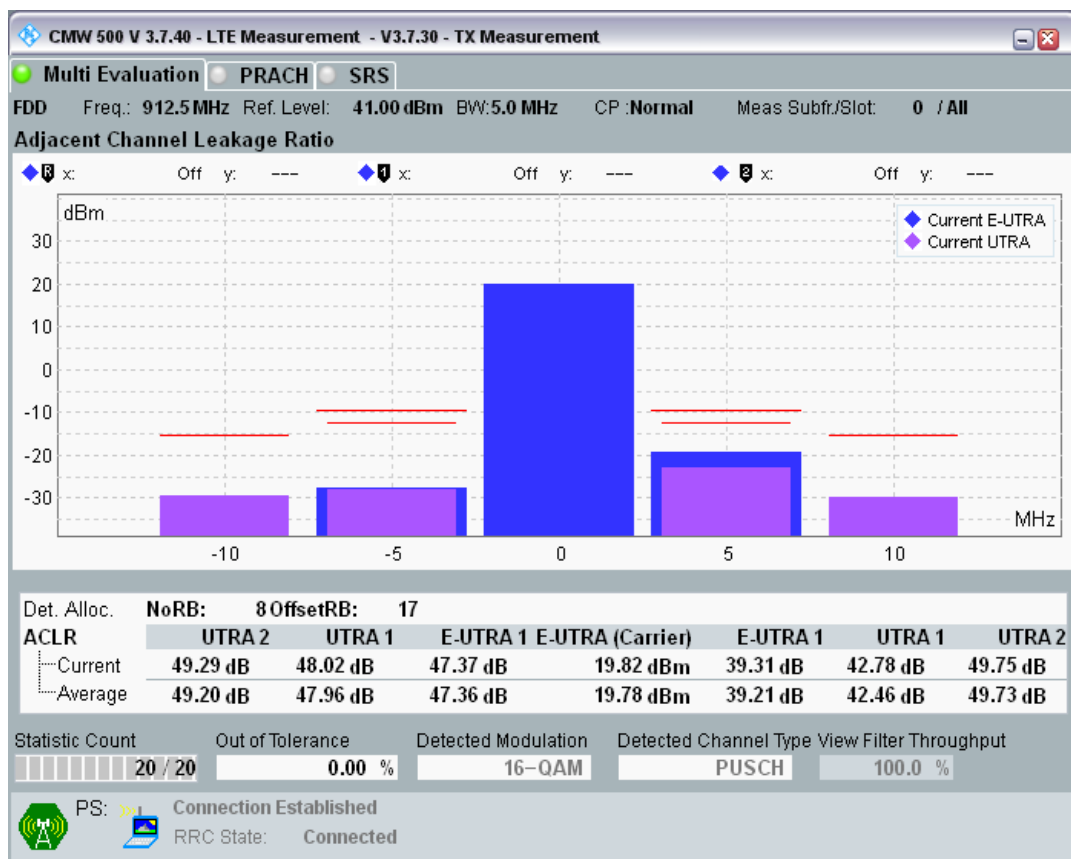
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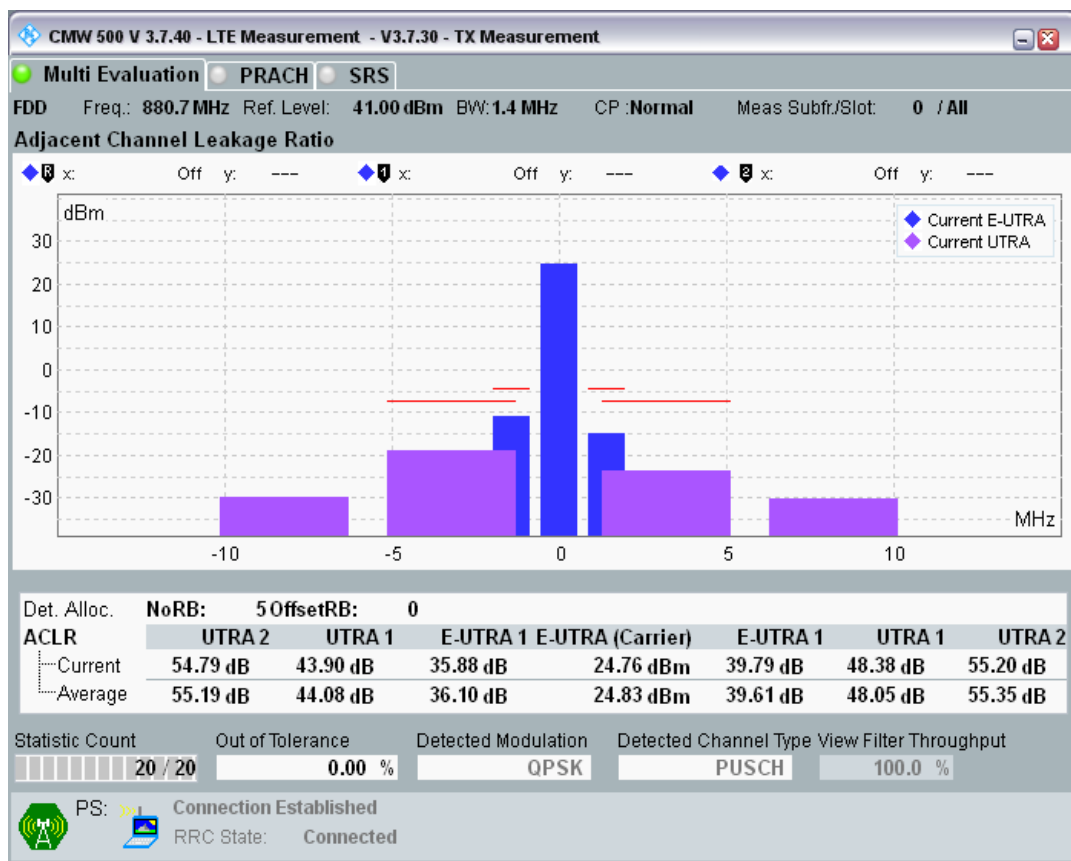
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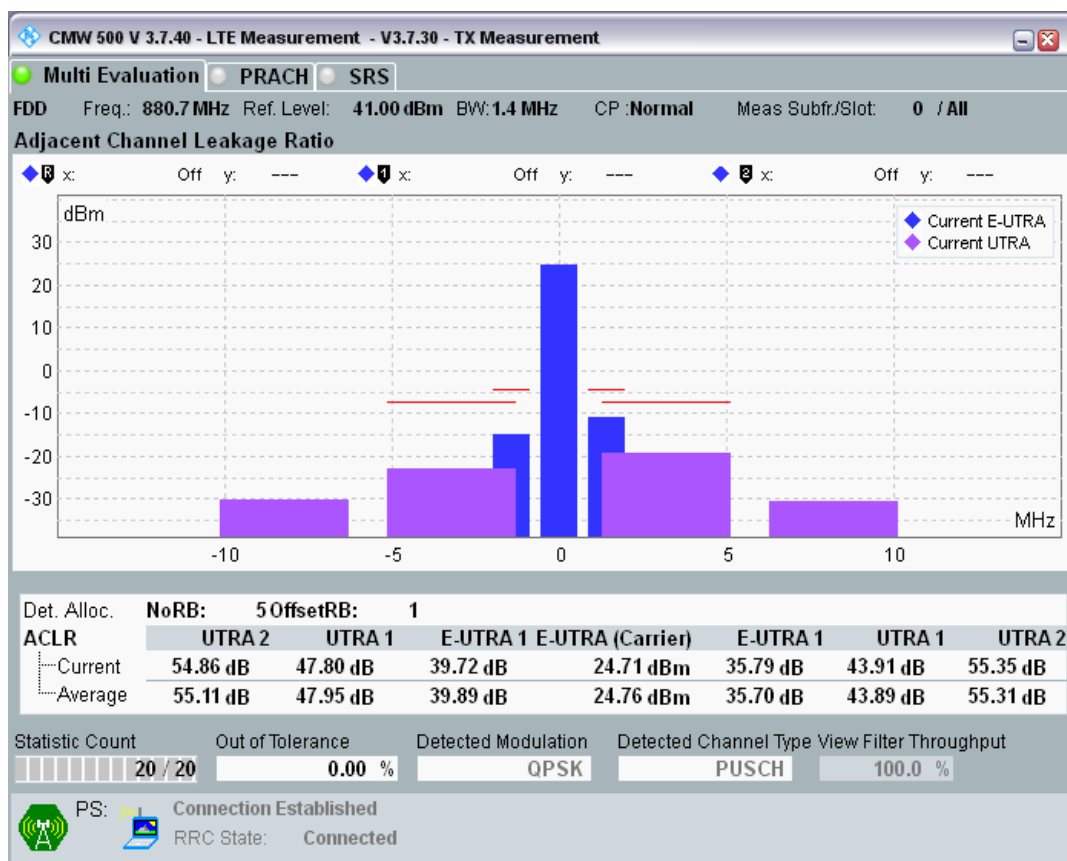
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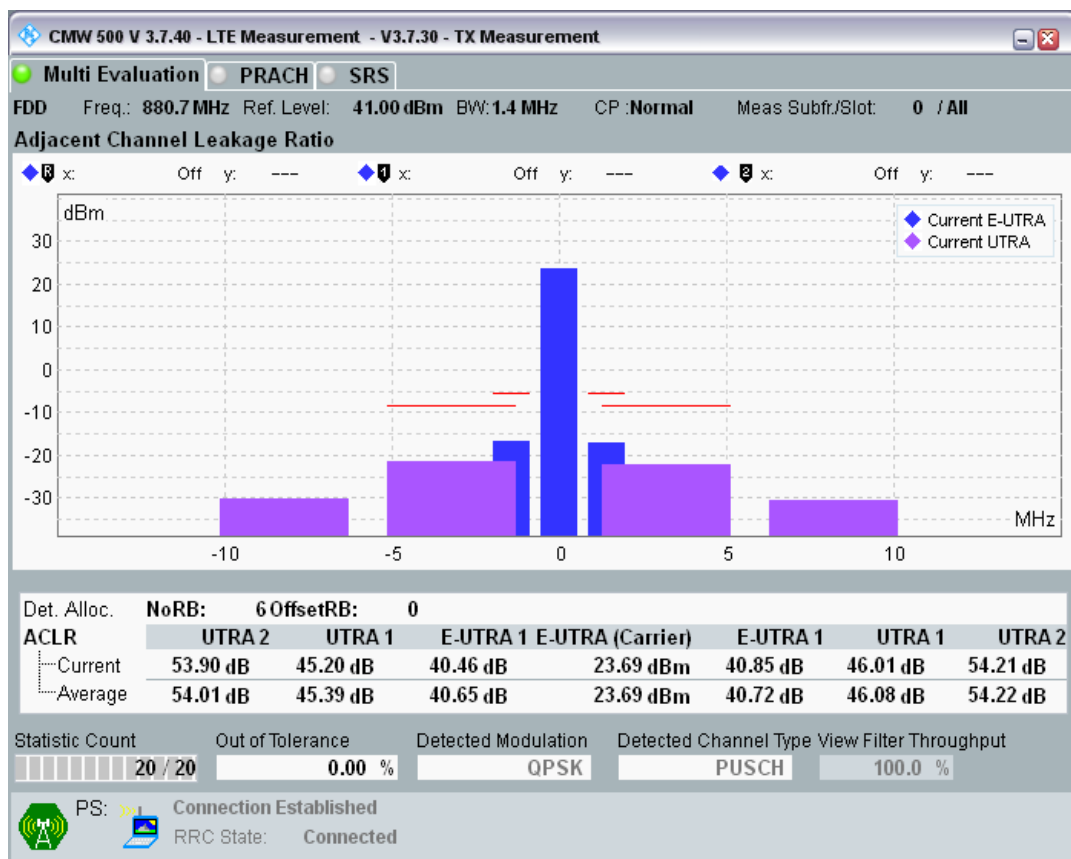
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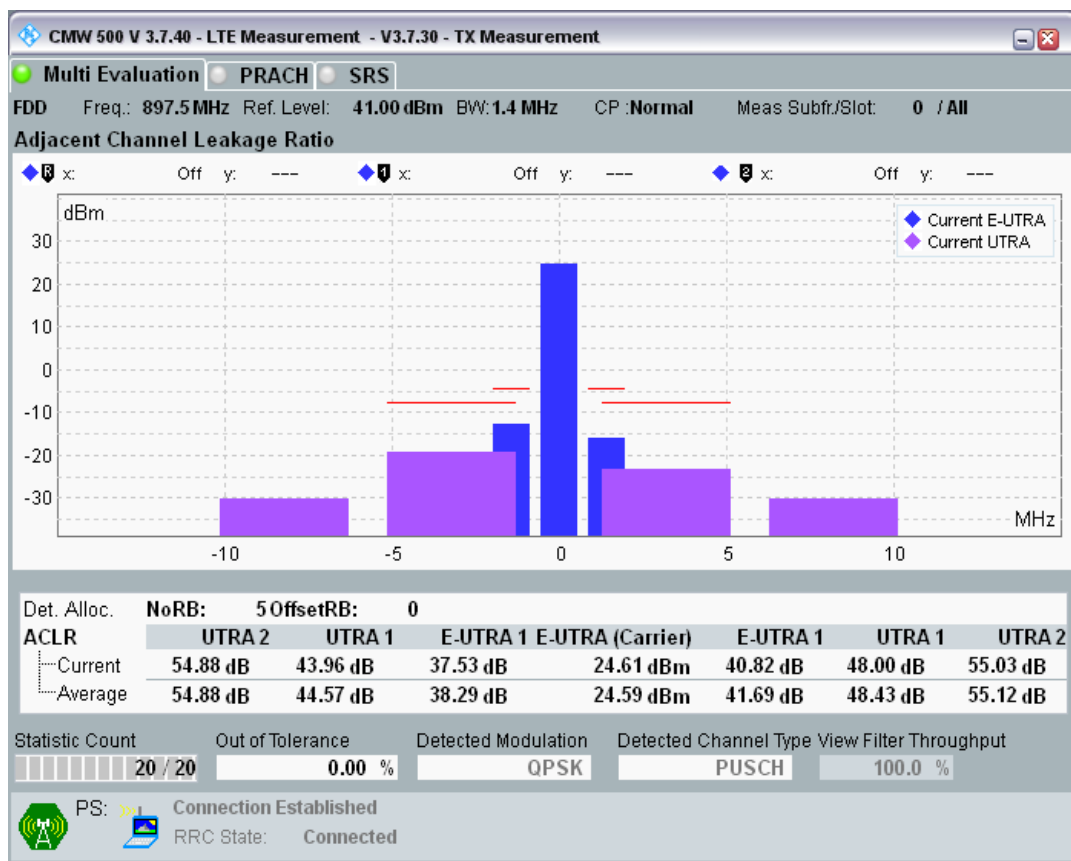
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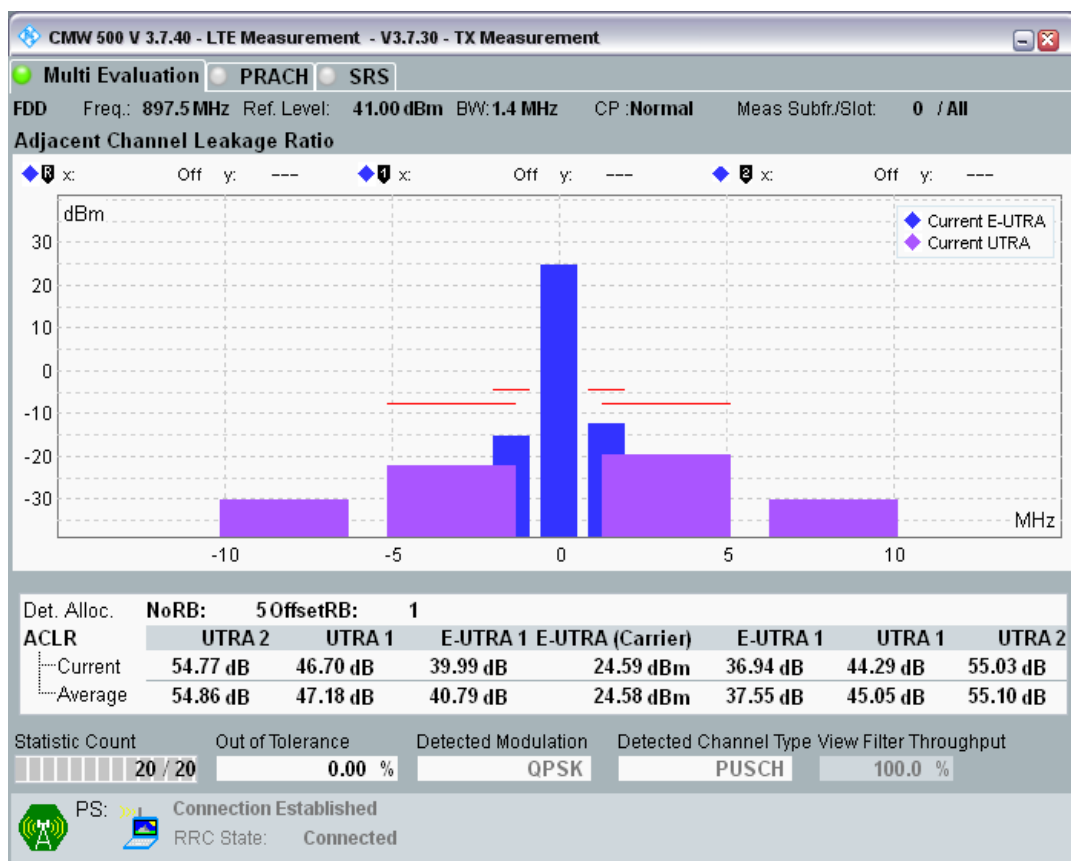
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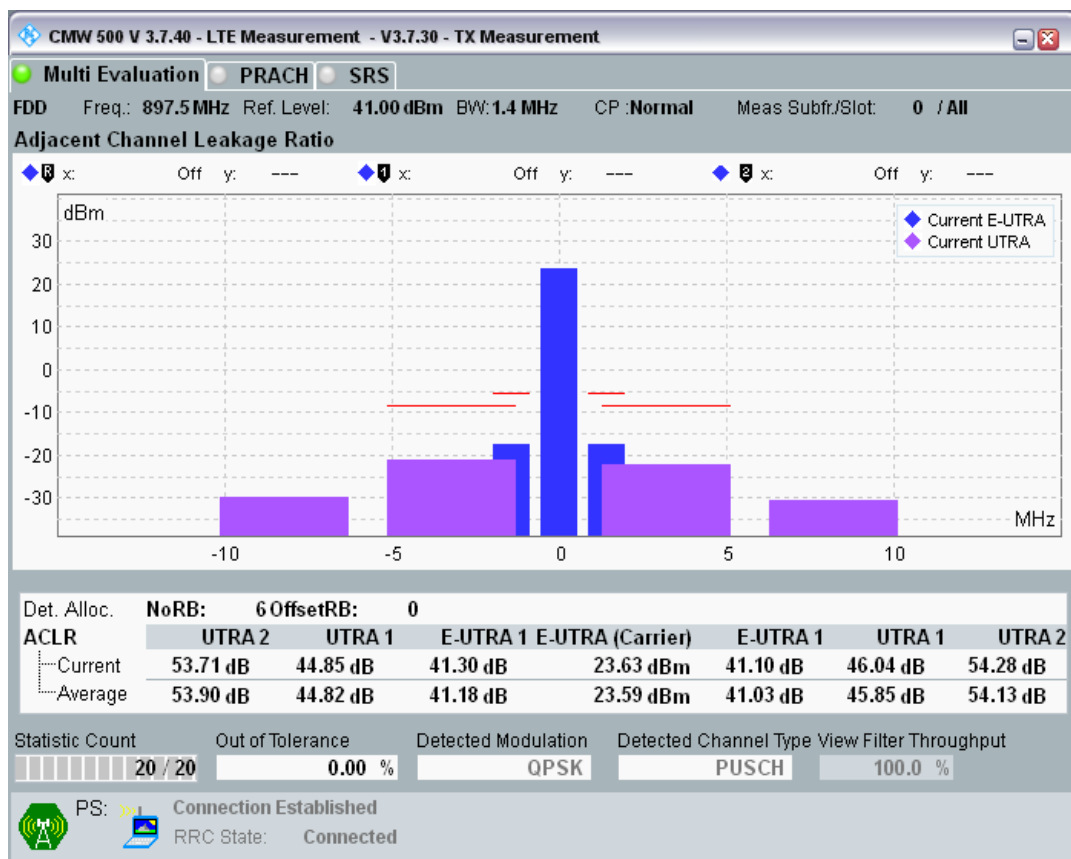
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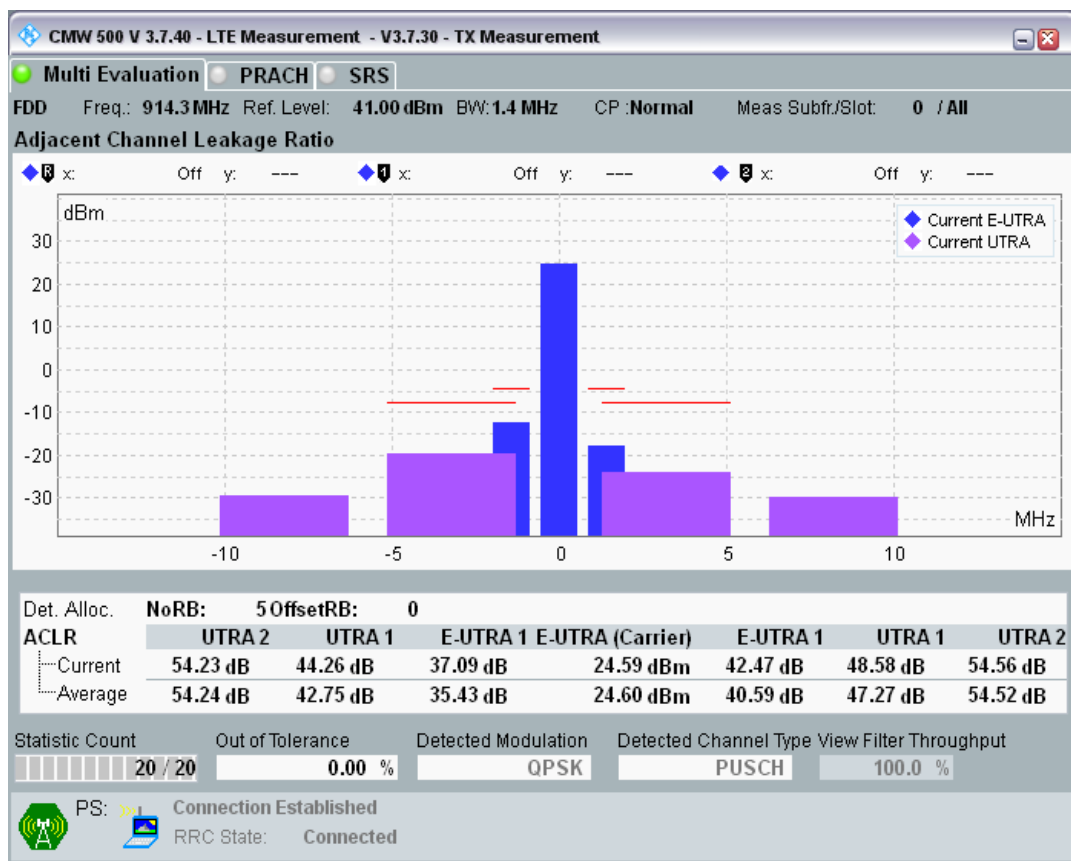
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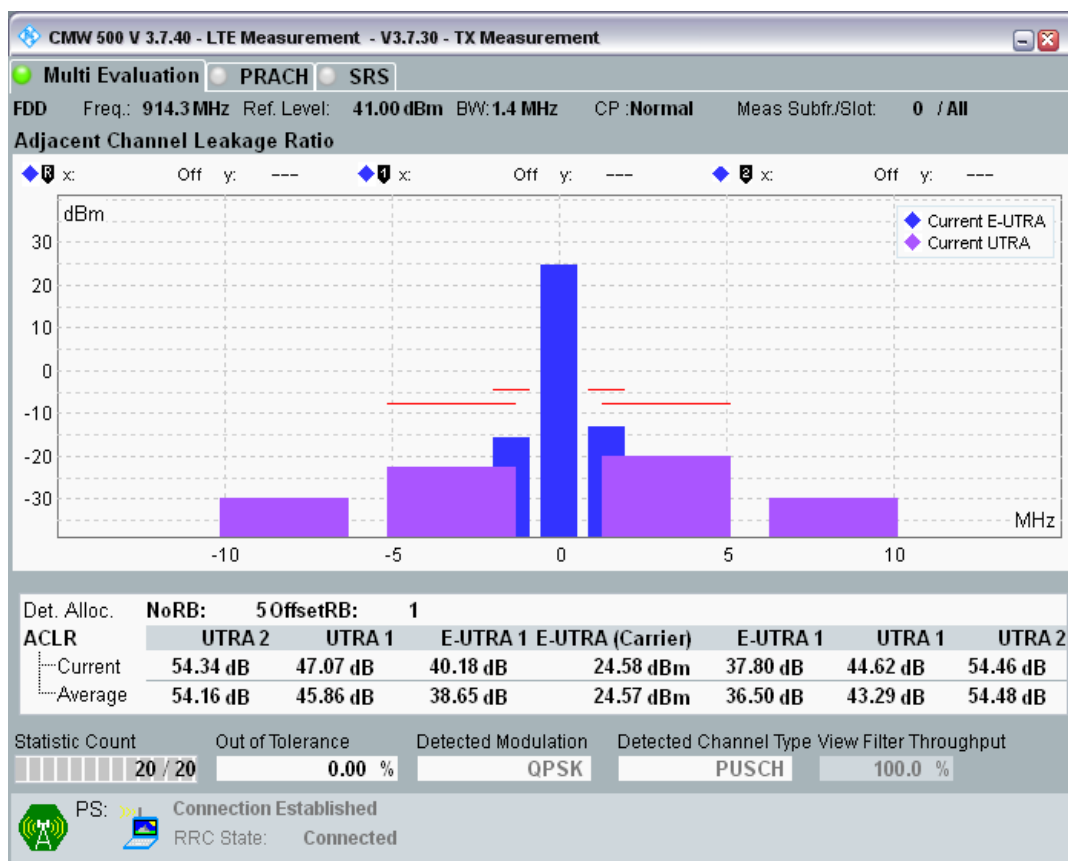
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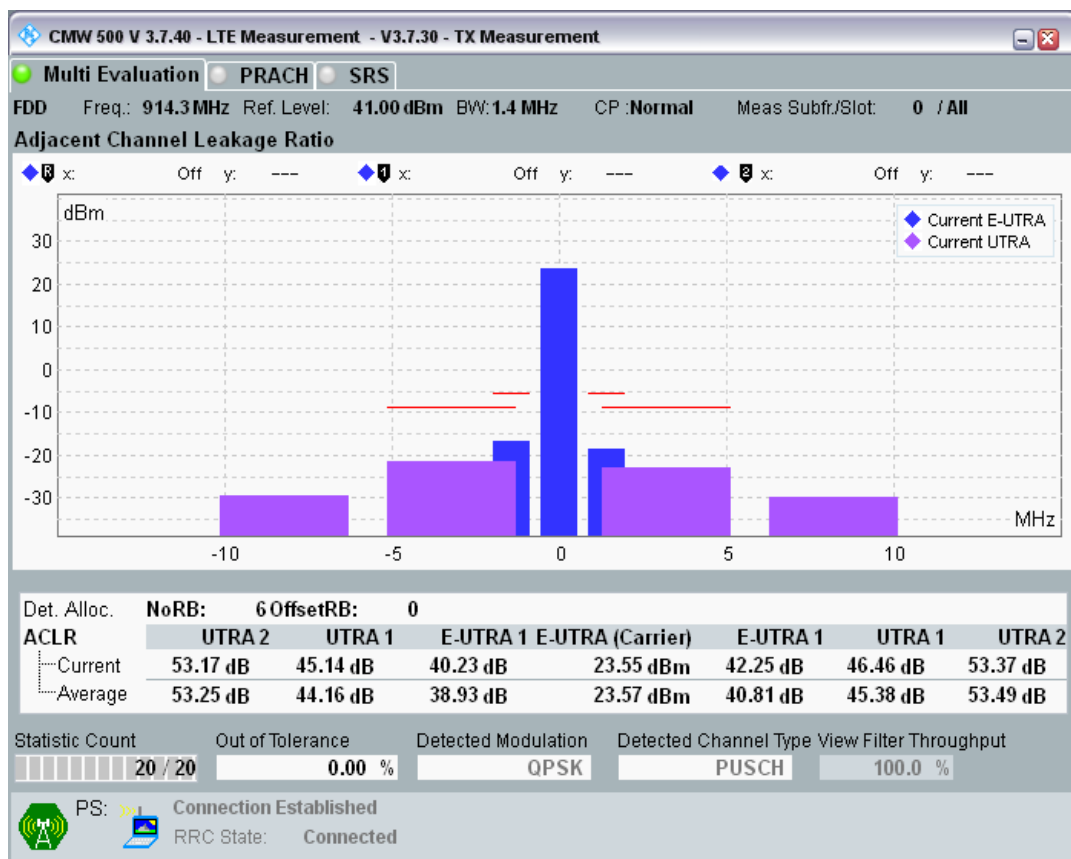
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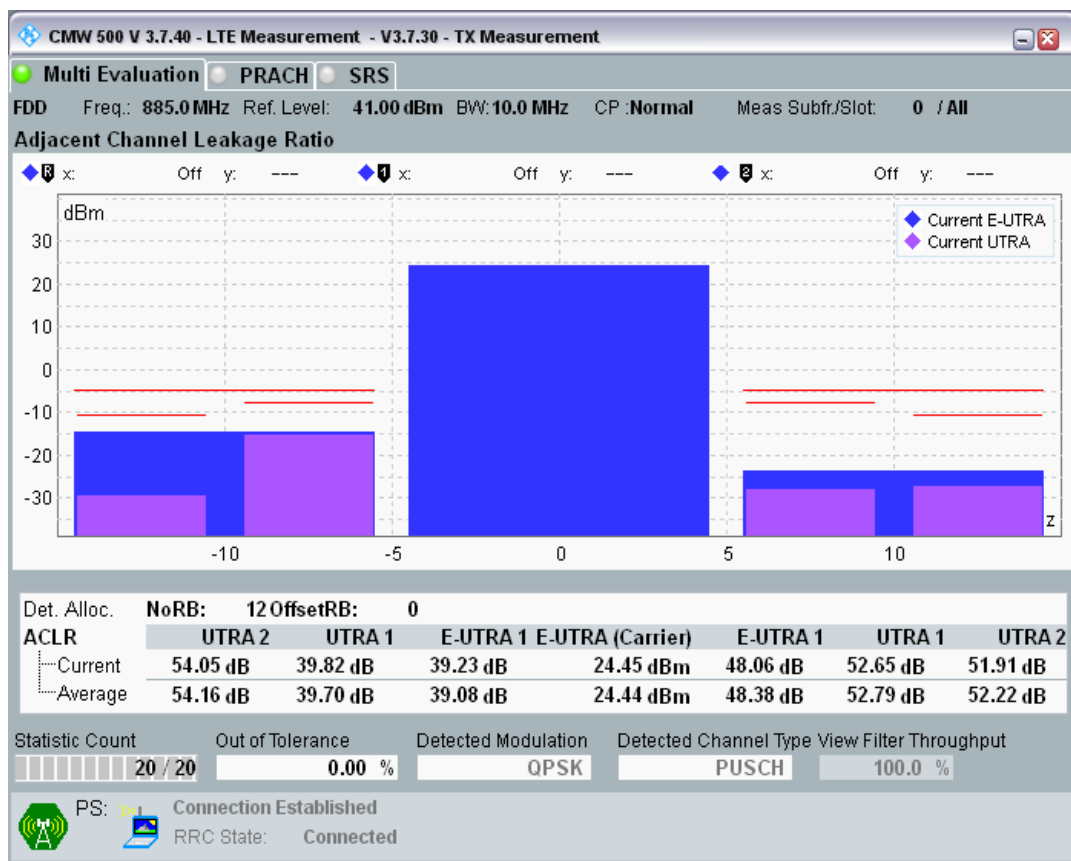
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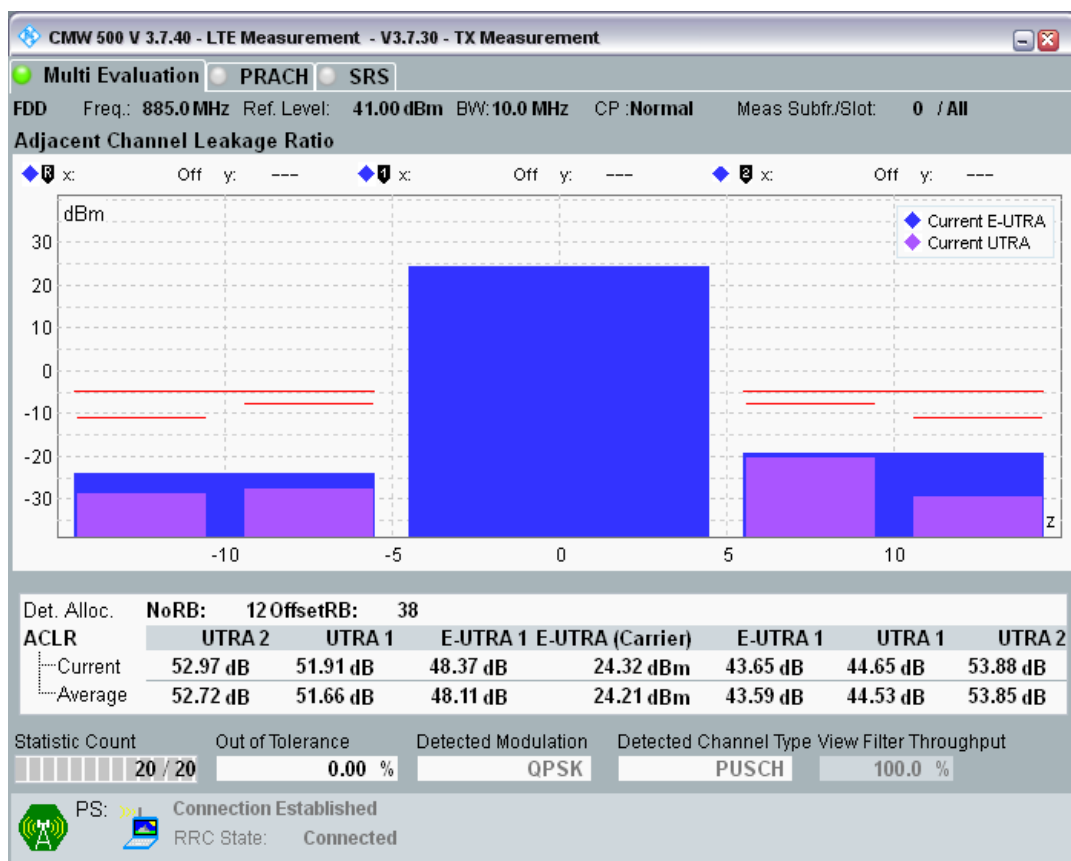
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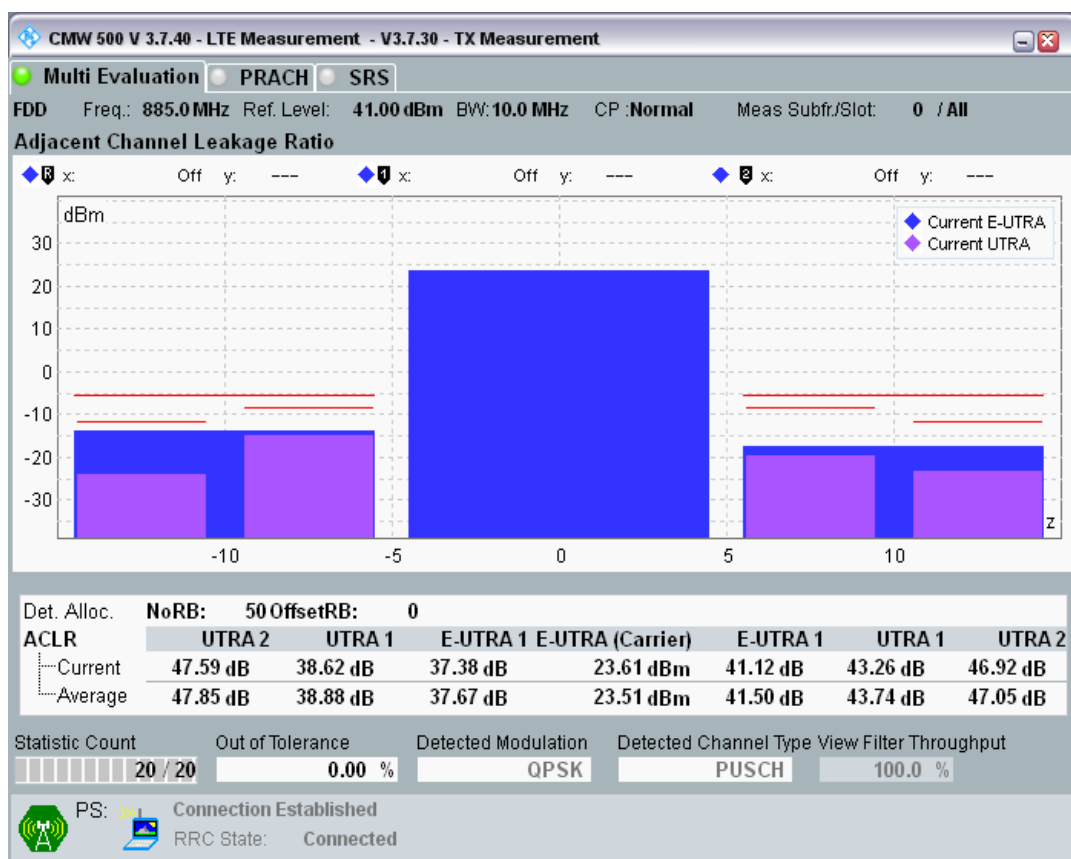
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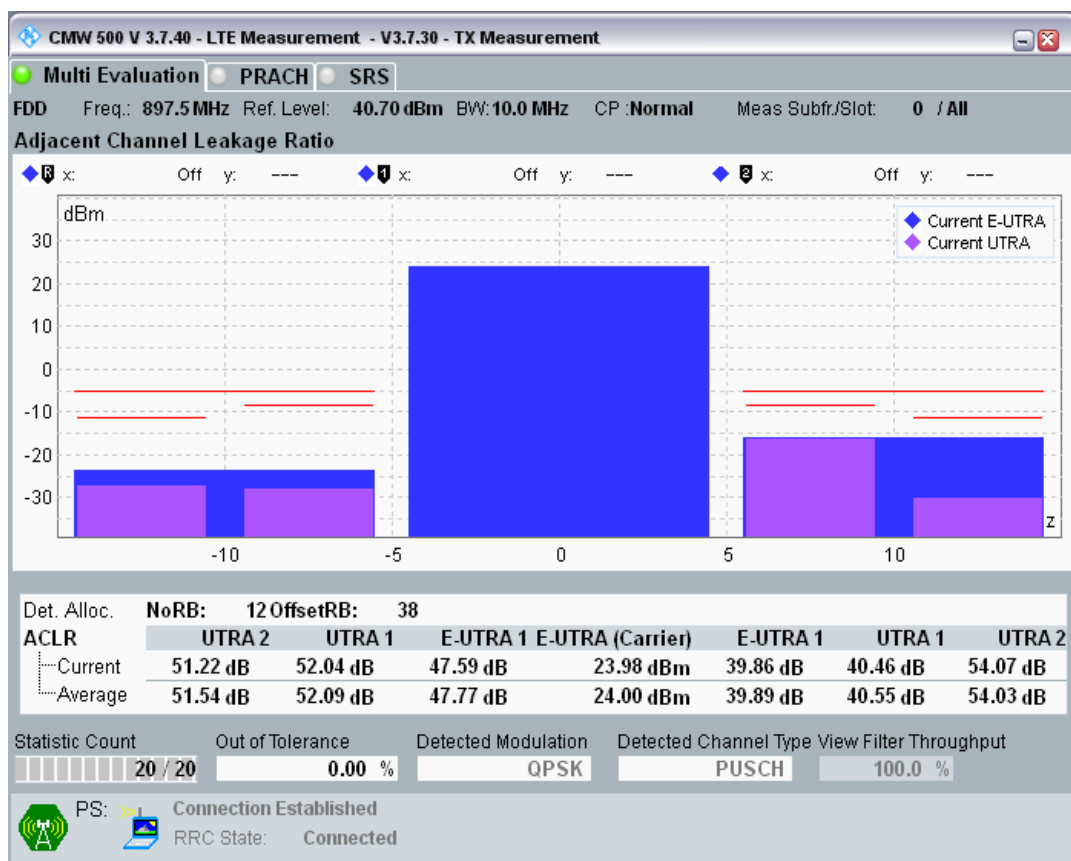
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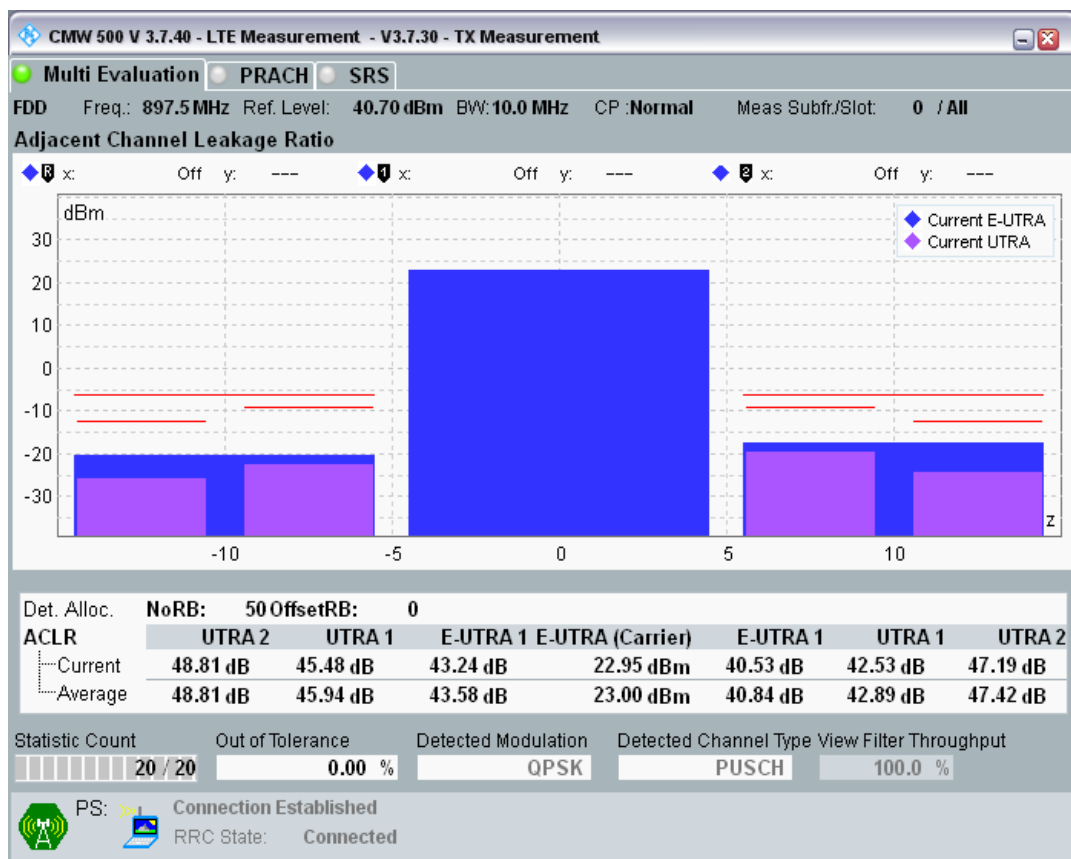
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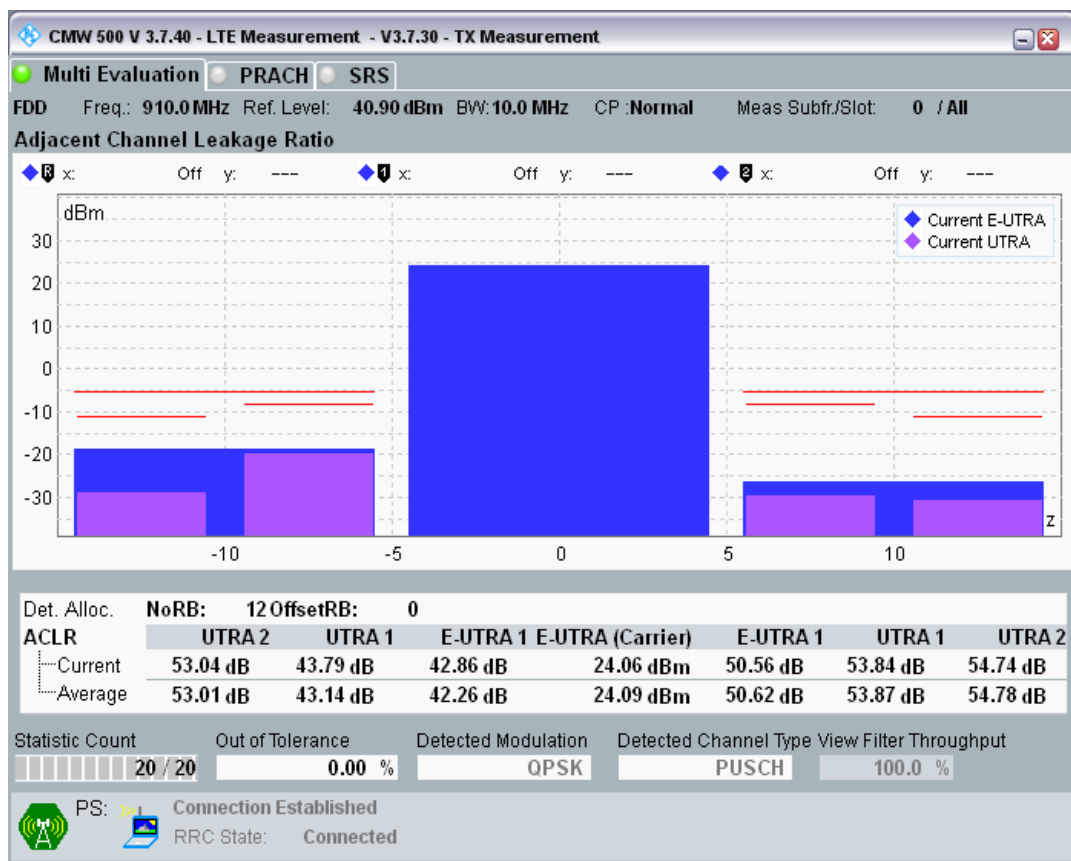
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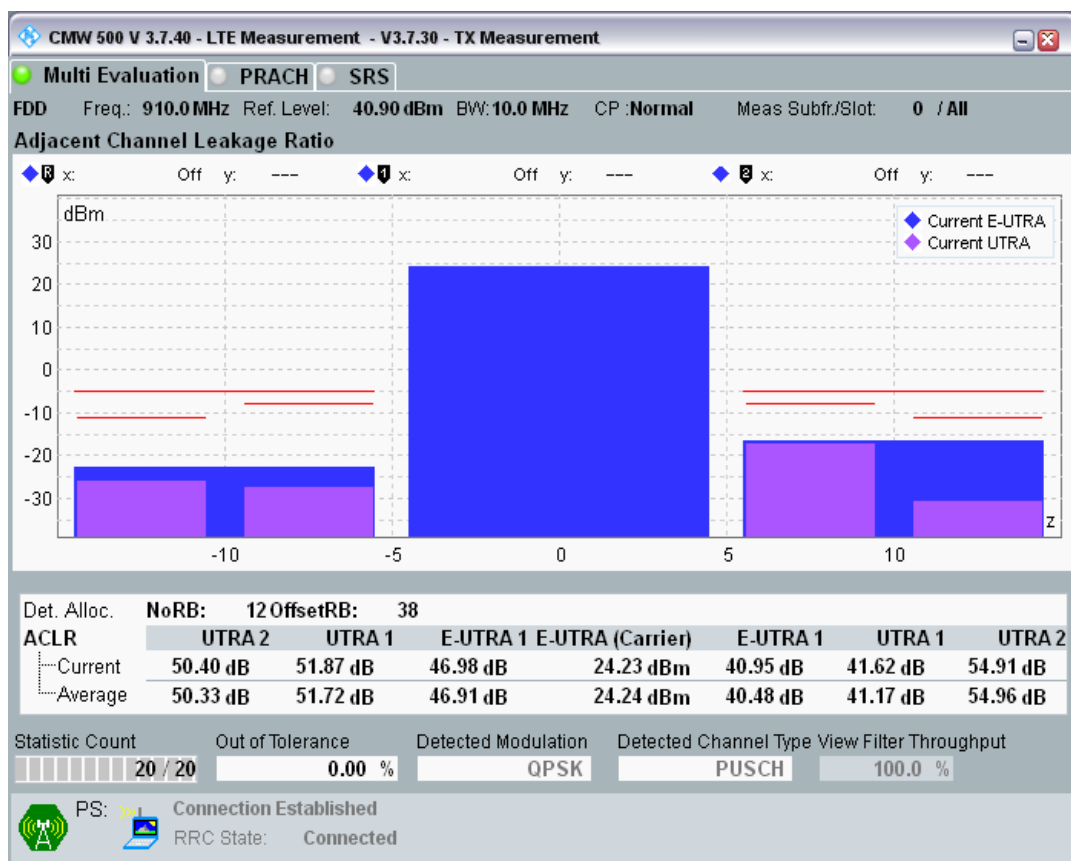
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Band8 QPSK BW=10MHz Channel=21750 RB Size=12 Position=#0.png



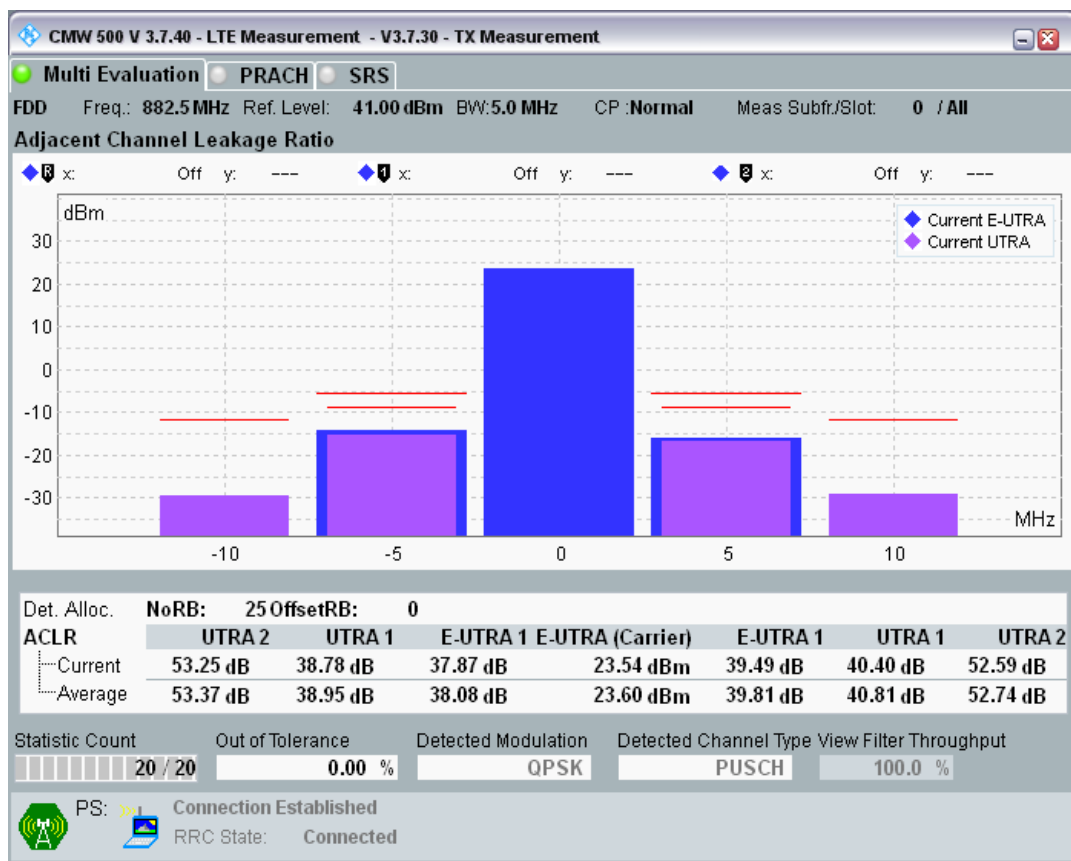
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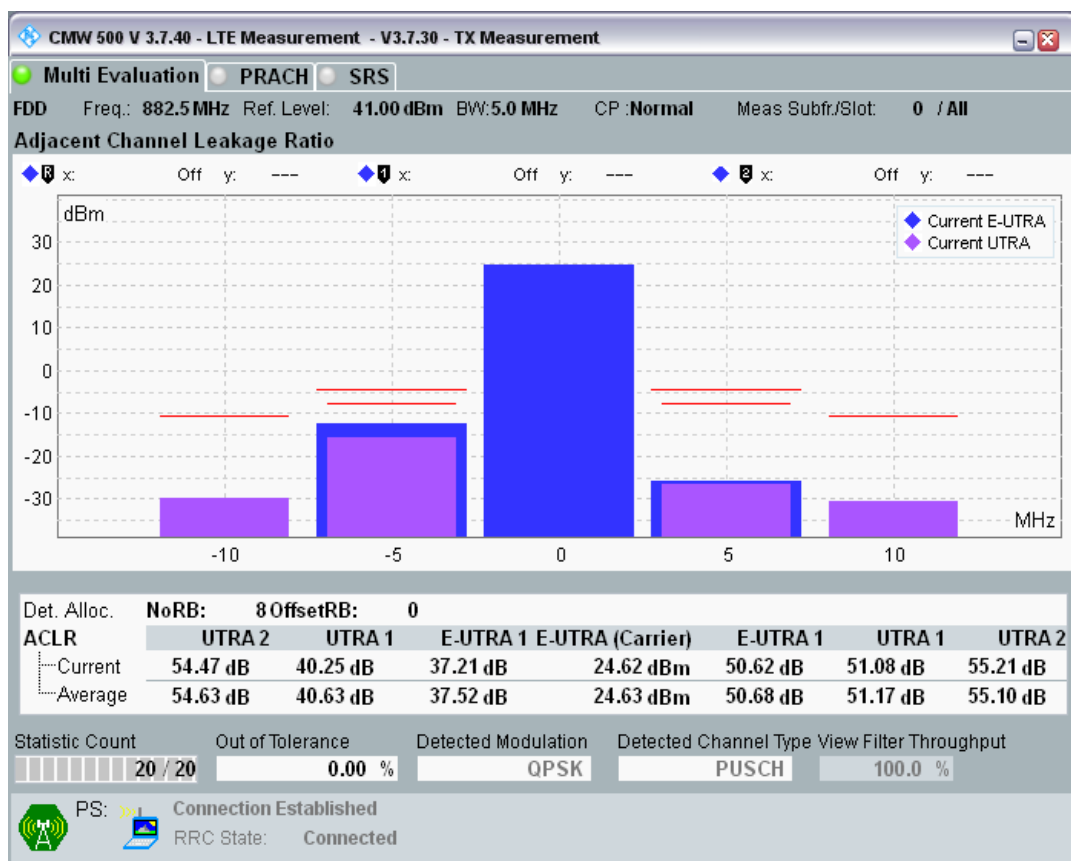
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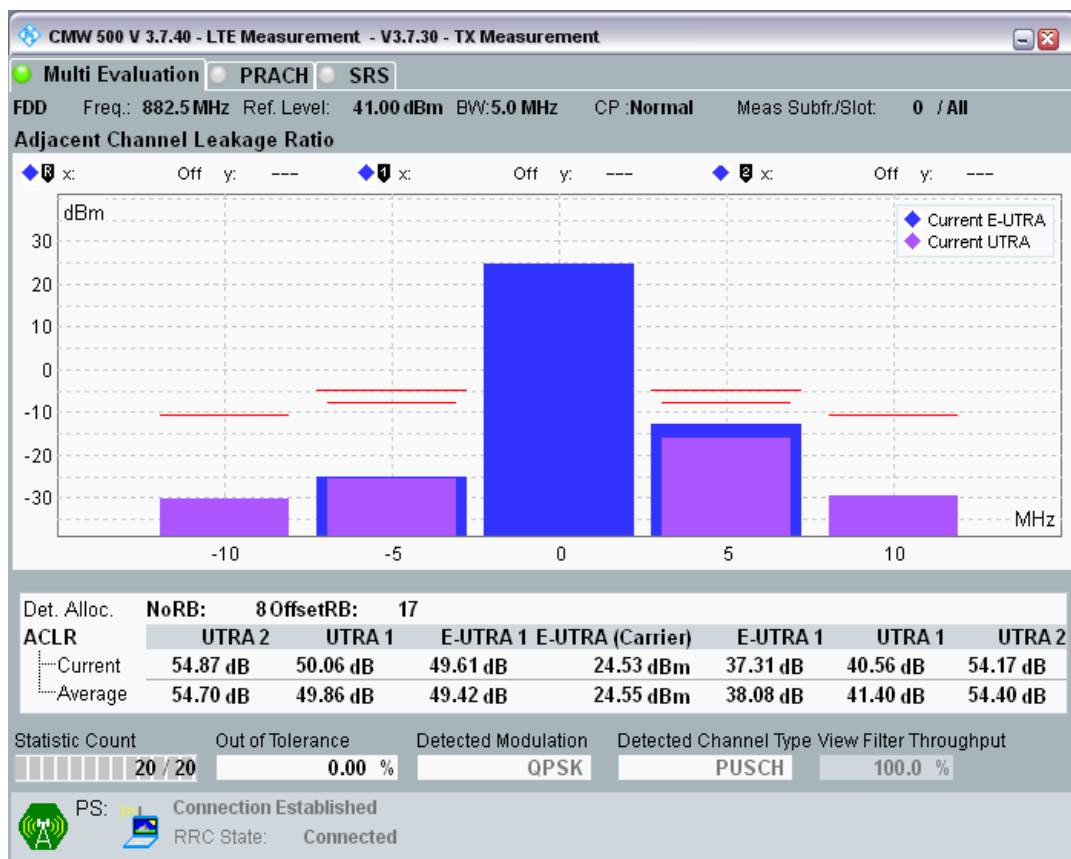
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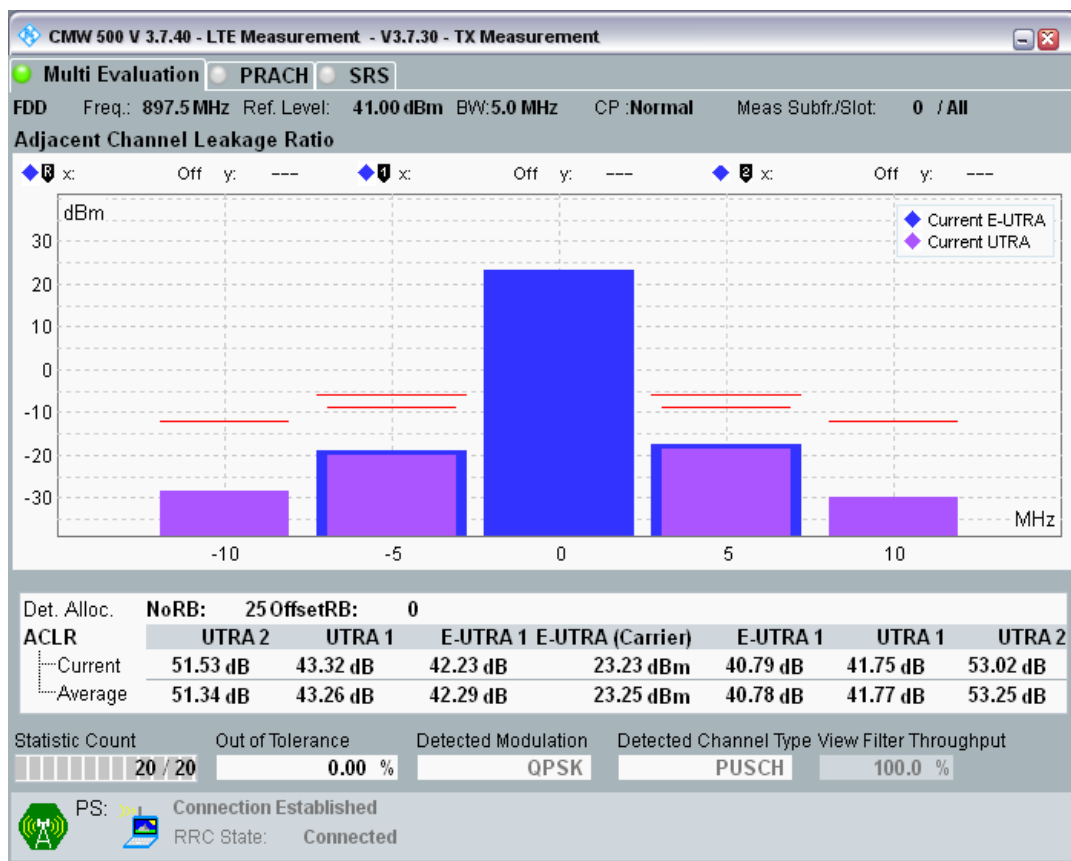
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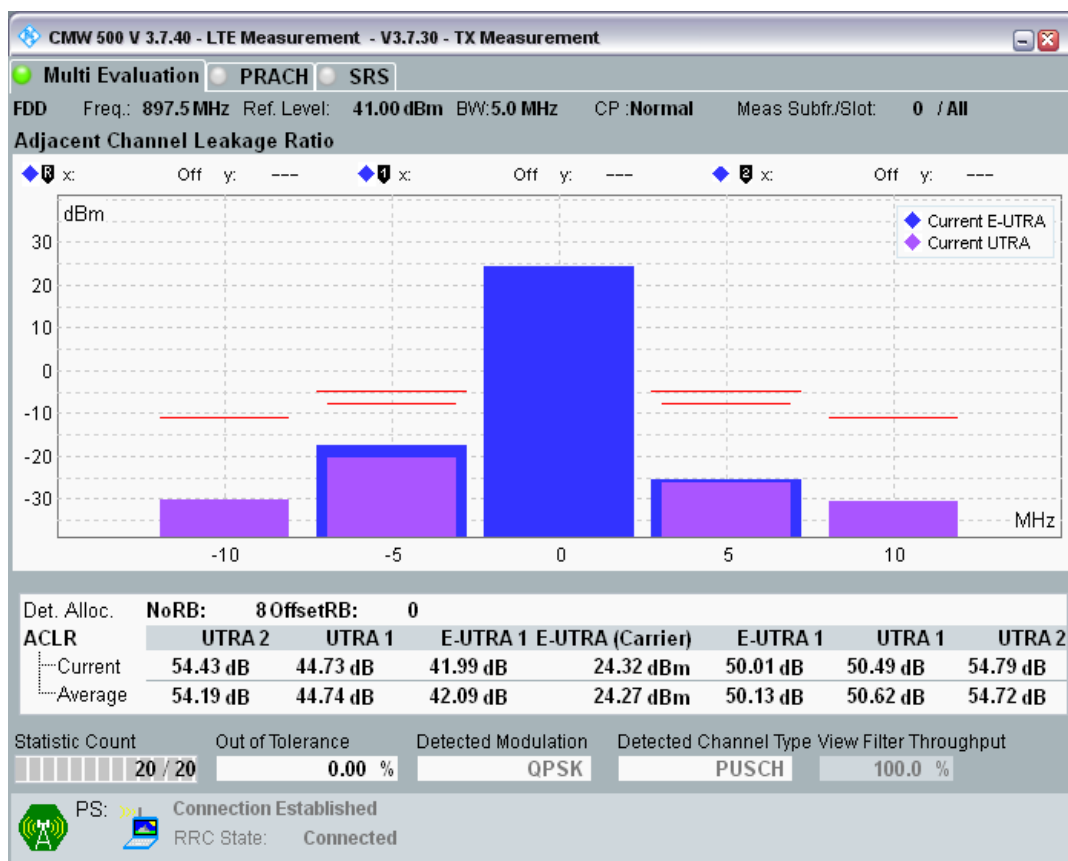
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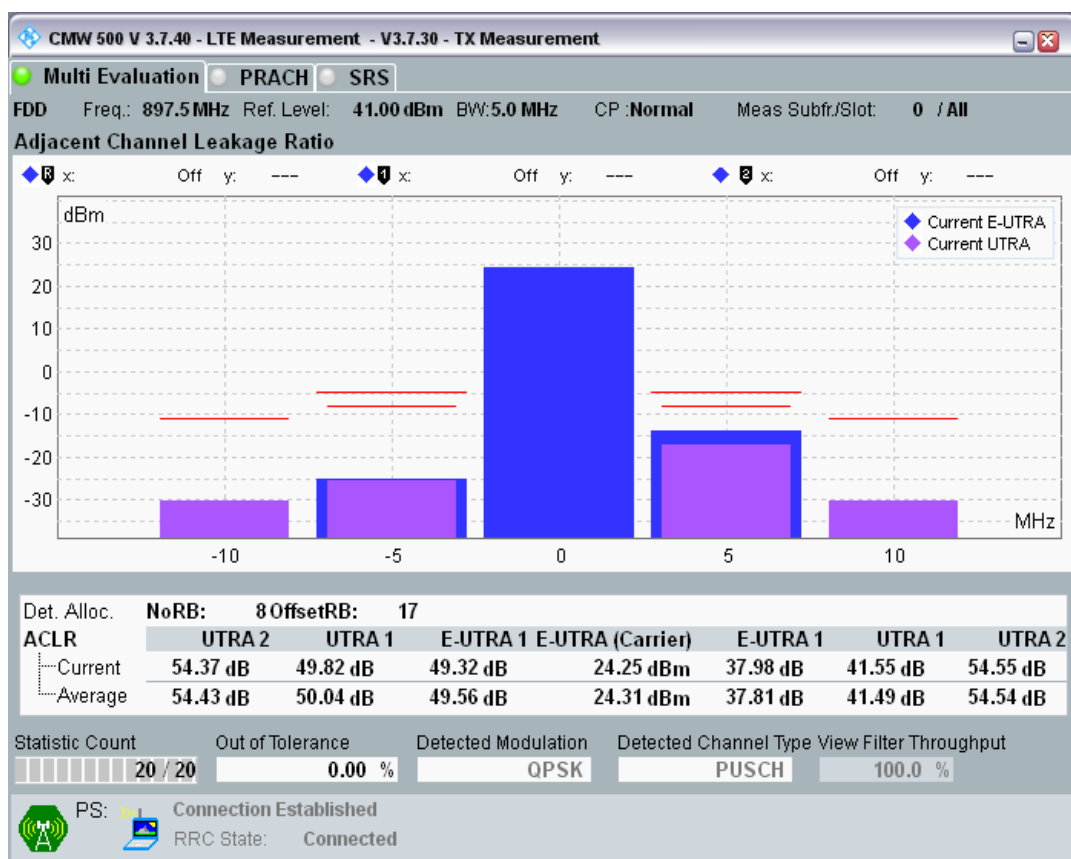
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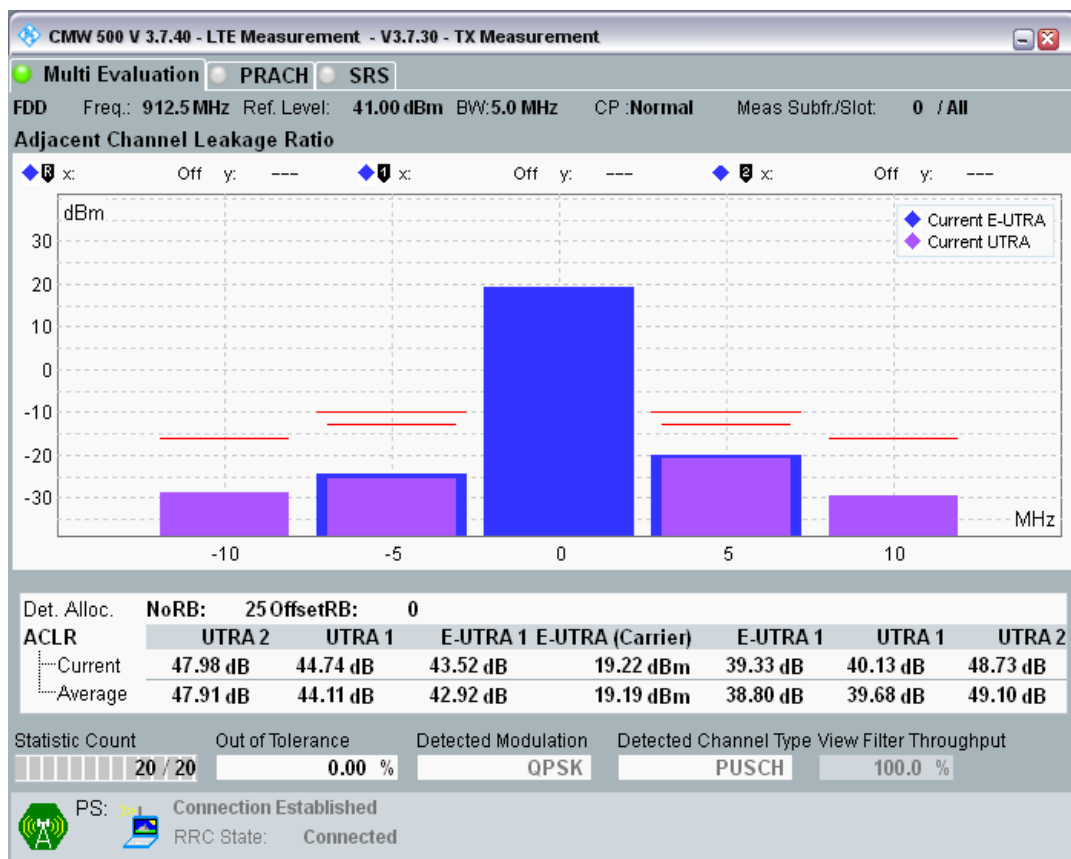
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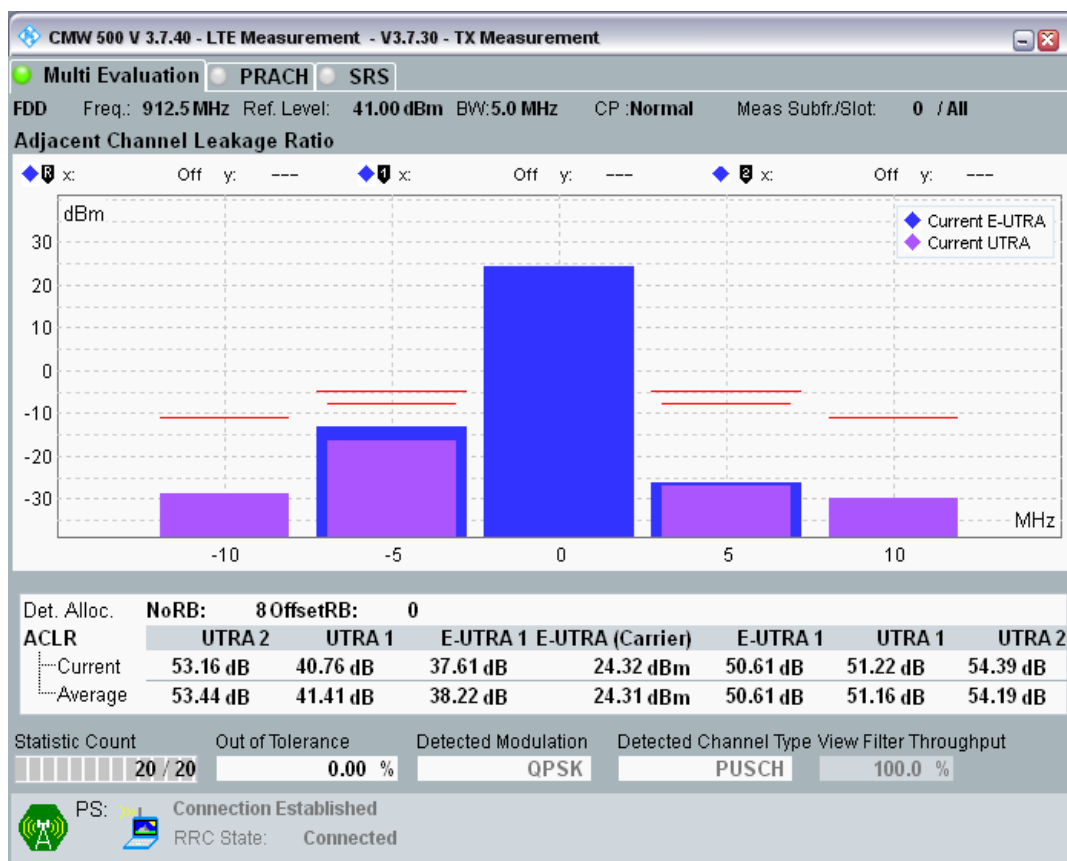
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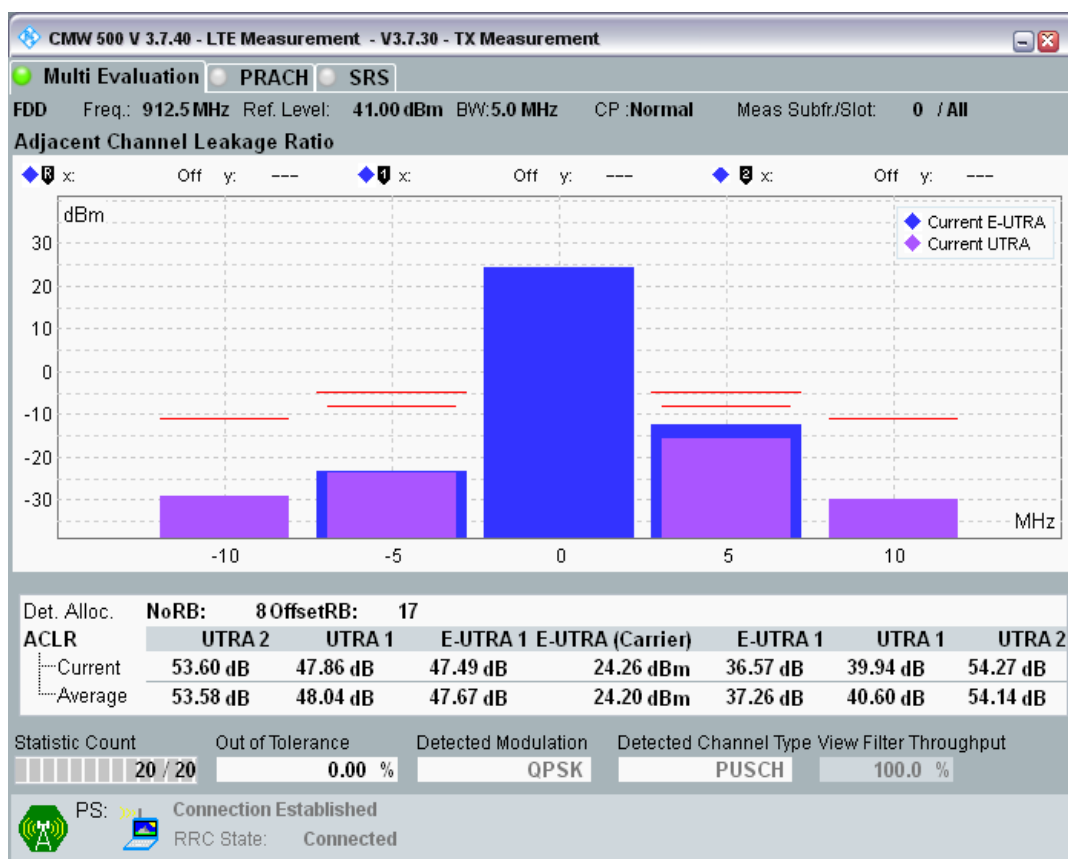
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Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#0.png



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



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



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



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



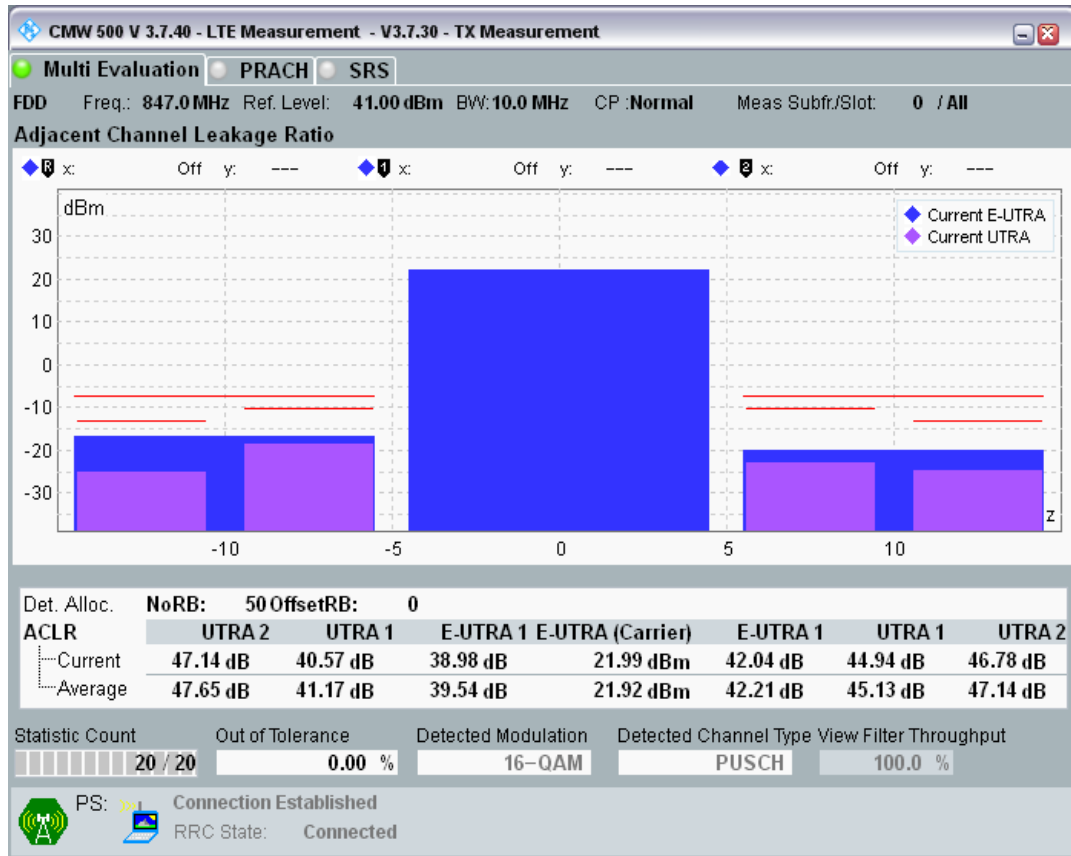
Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#0.png



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



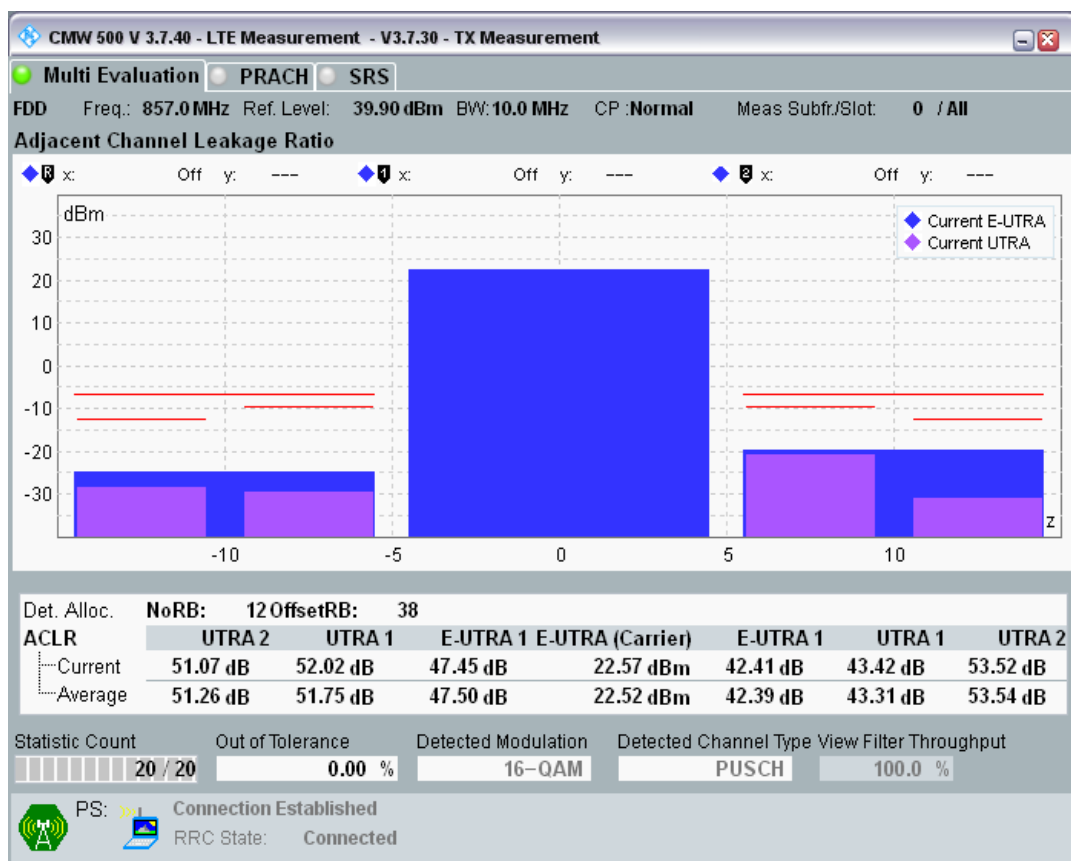
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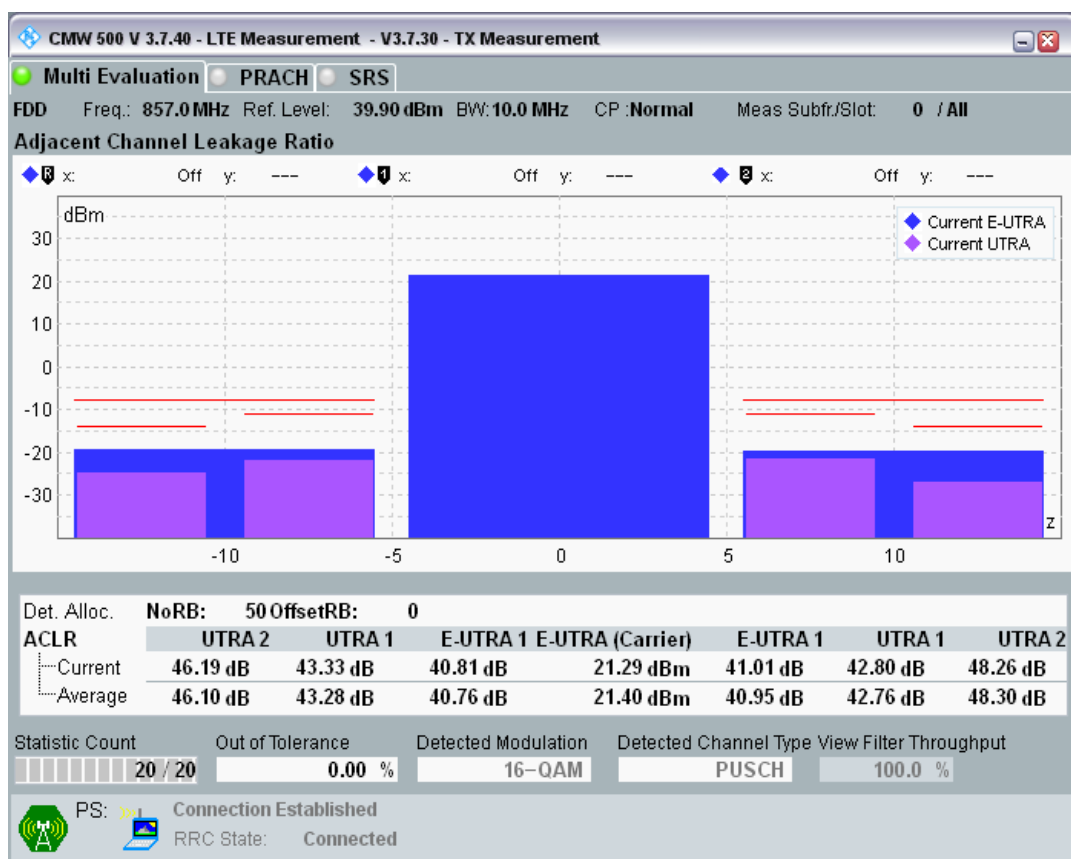
Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#0.png



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



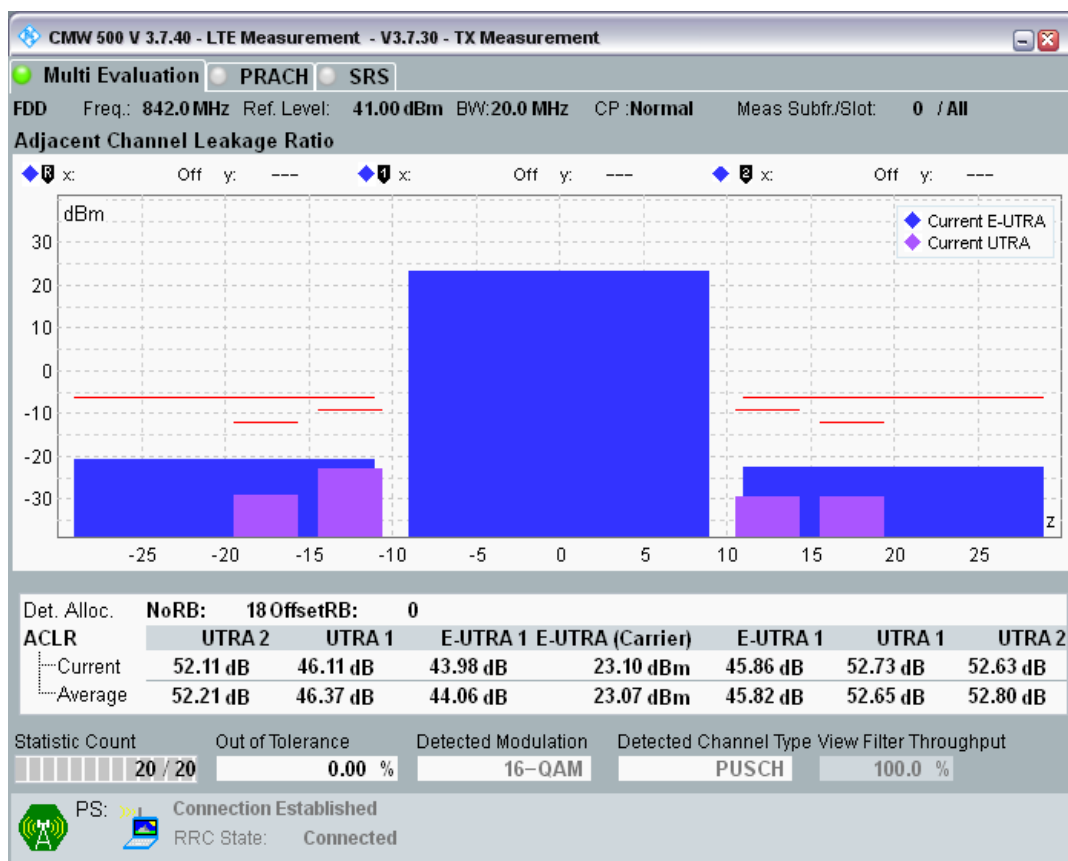
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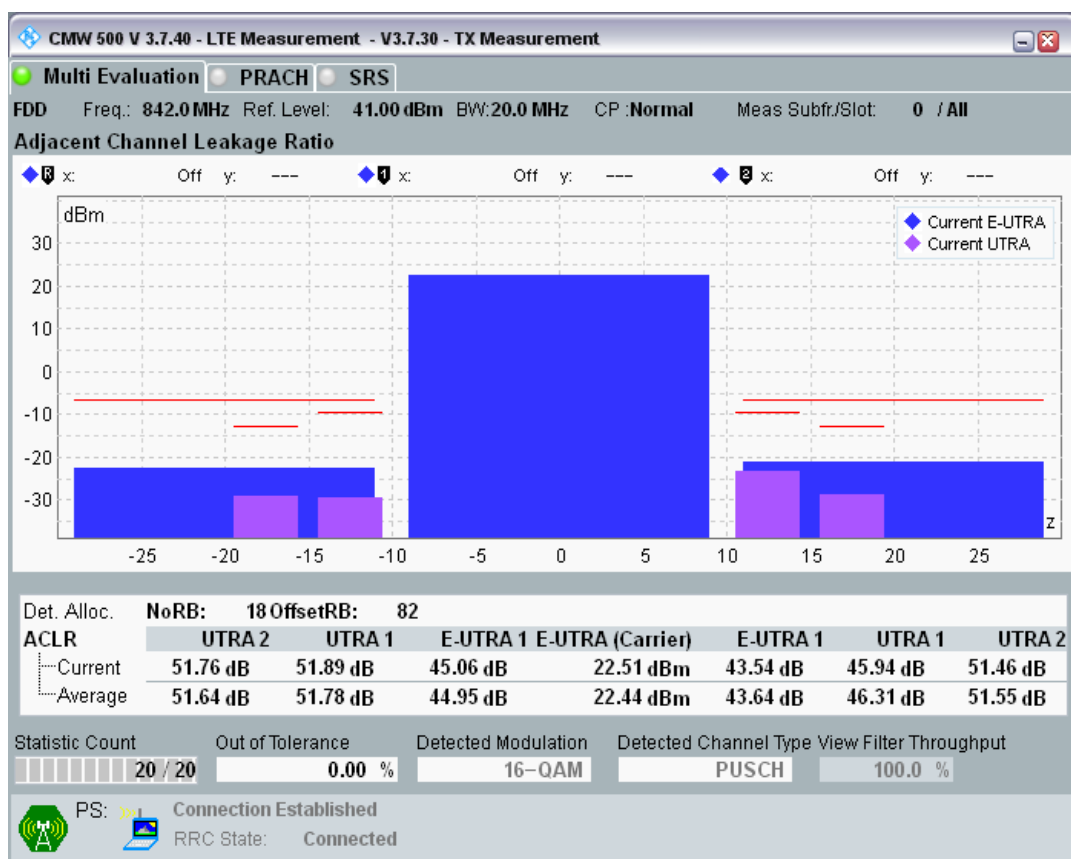
Band20 QAM16 BW=20MHz Channel=24250 RB Size=100 Position=#0.png



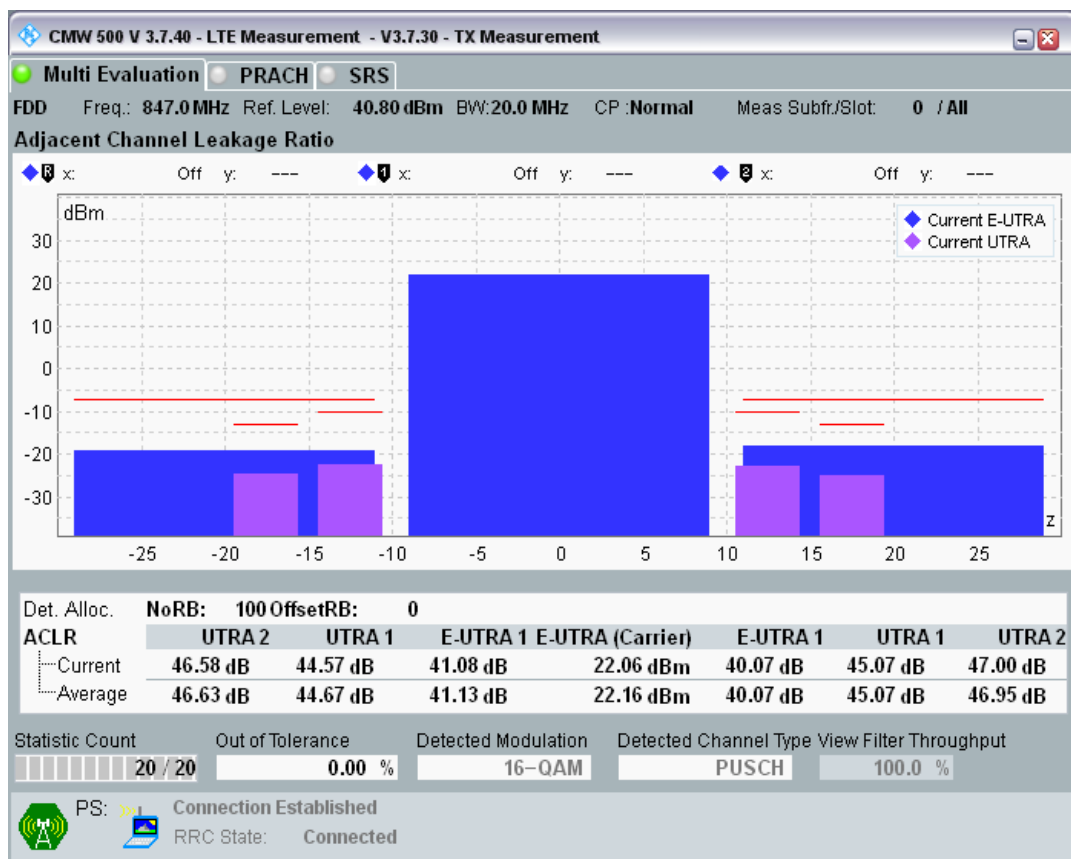
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Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



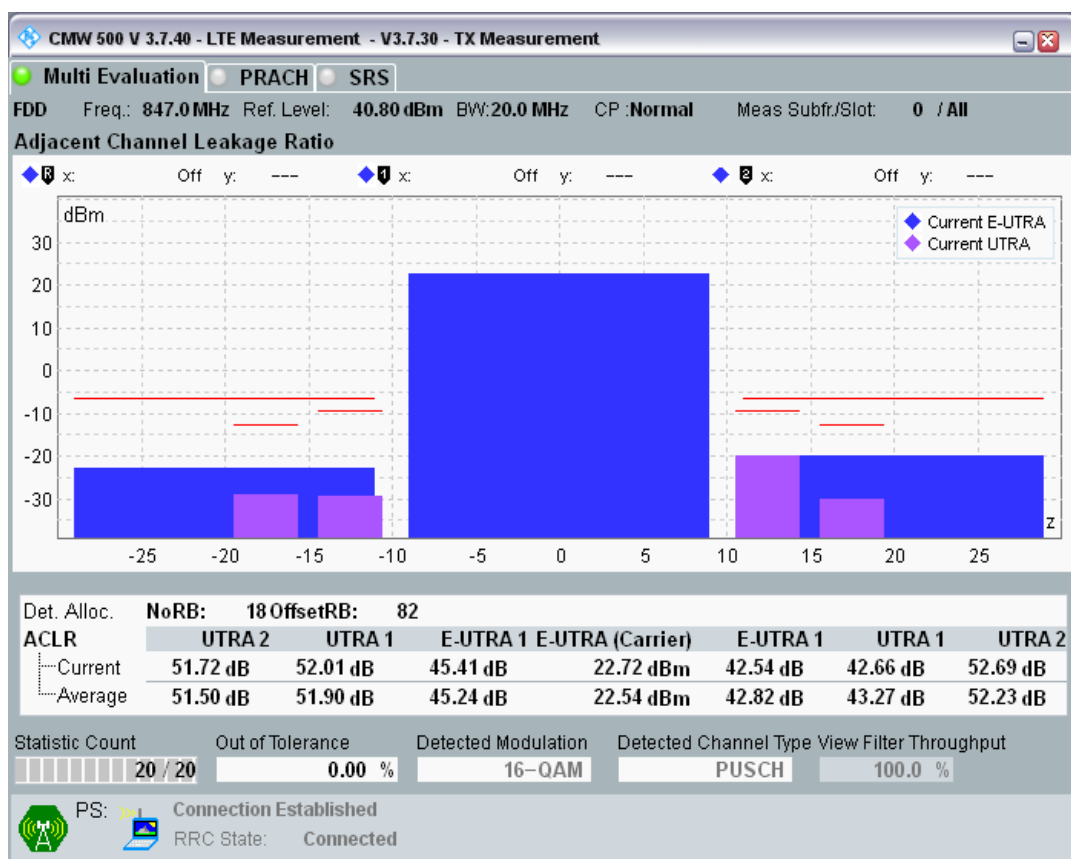
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Band20 QAM16 BW=20MHz Channel=24300 RB Size=18 Position=#0.png



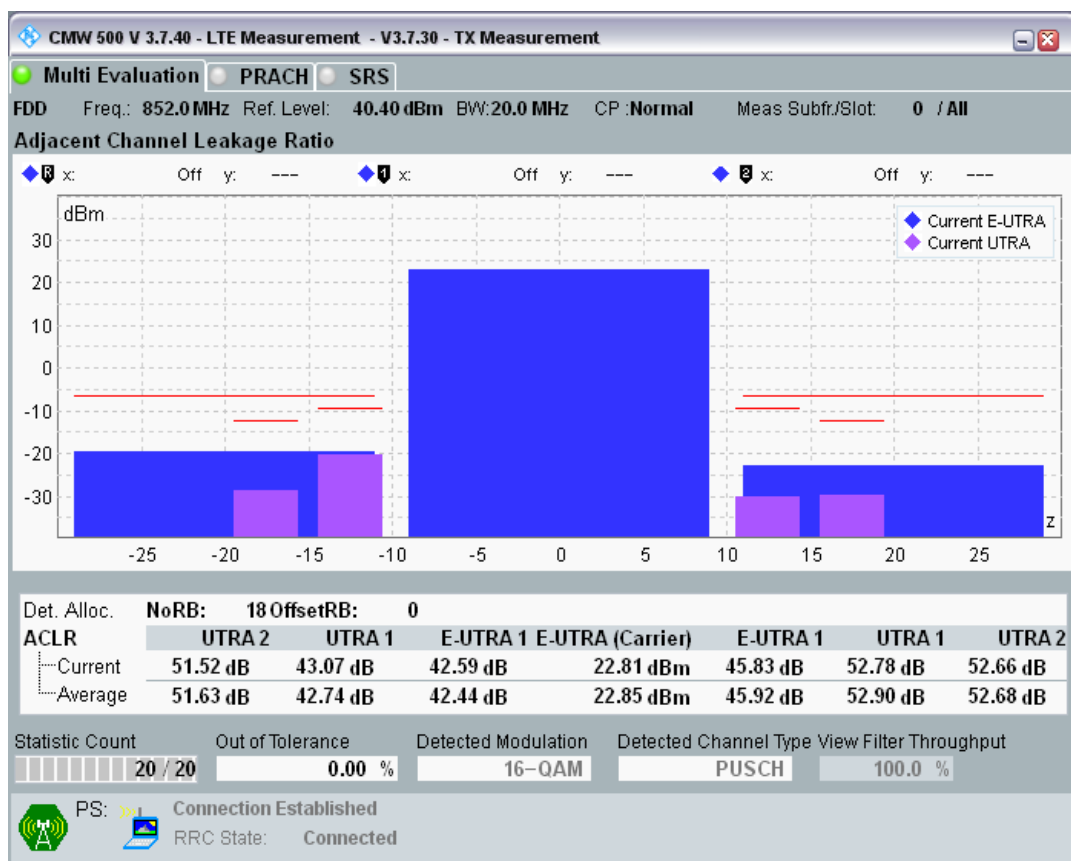
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Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



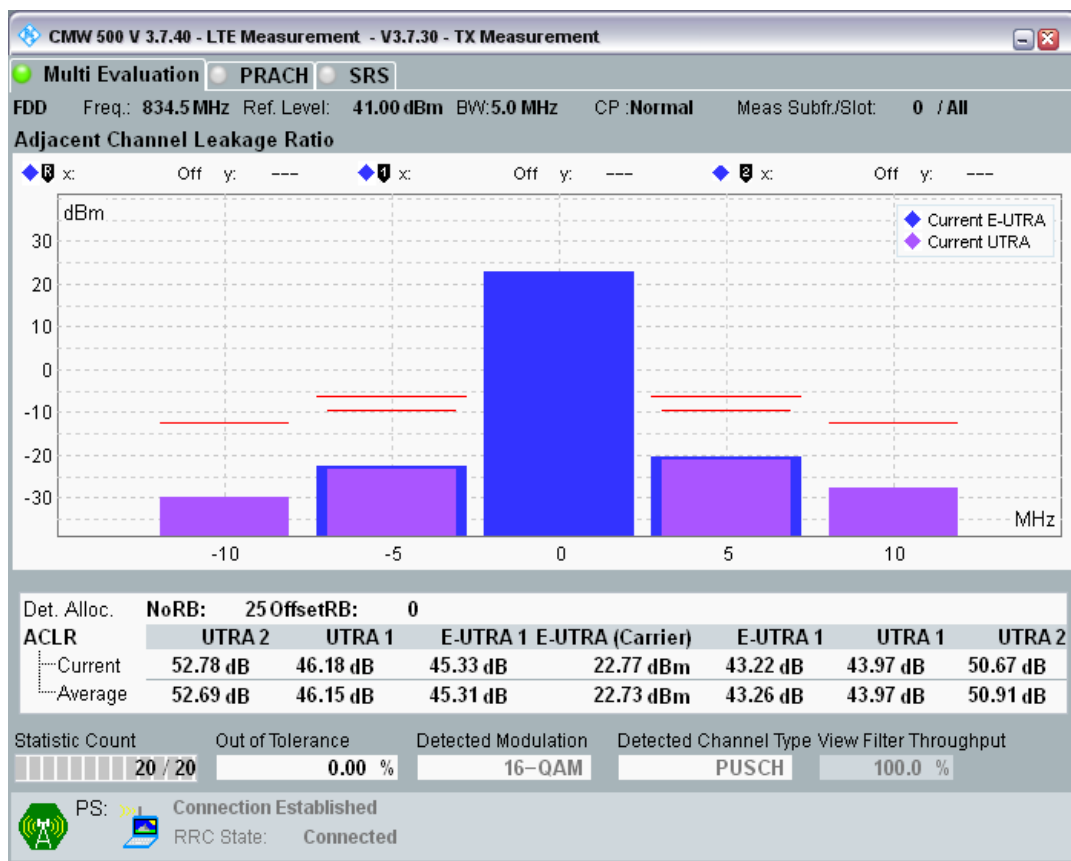
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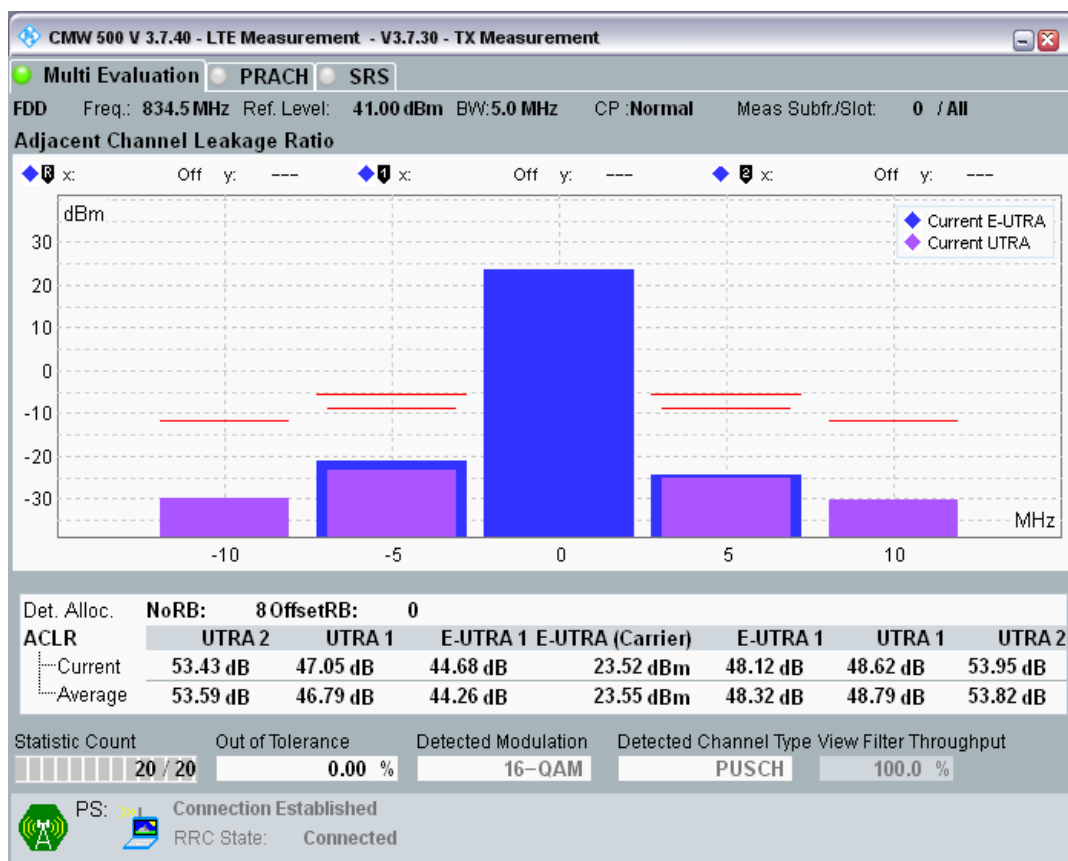
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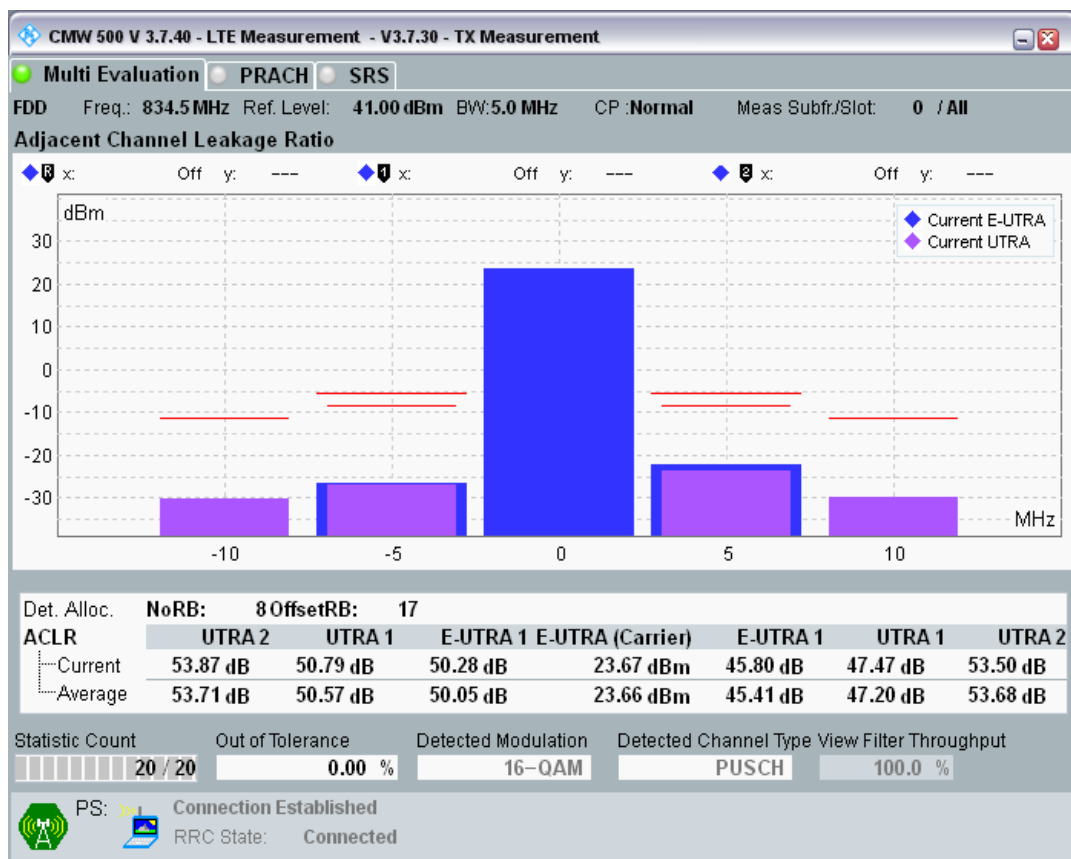
Band20 QAM16 BW=5MHz Channel=24175 RB Size=25 Position=#0.png



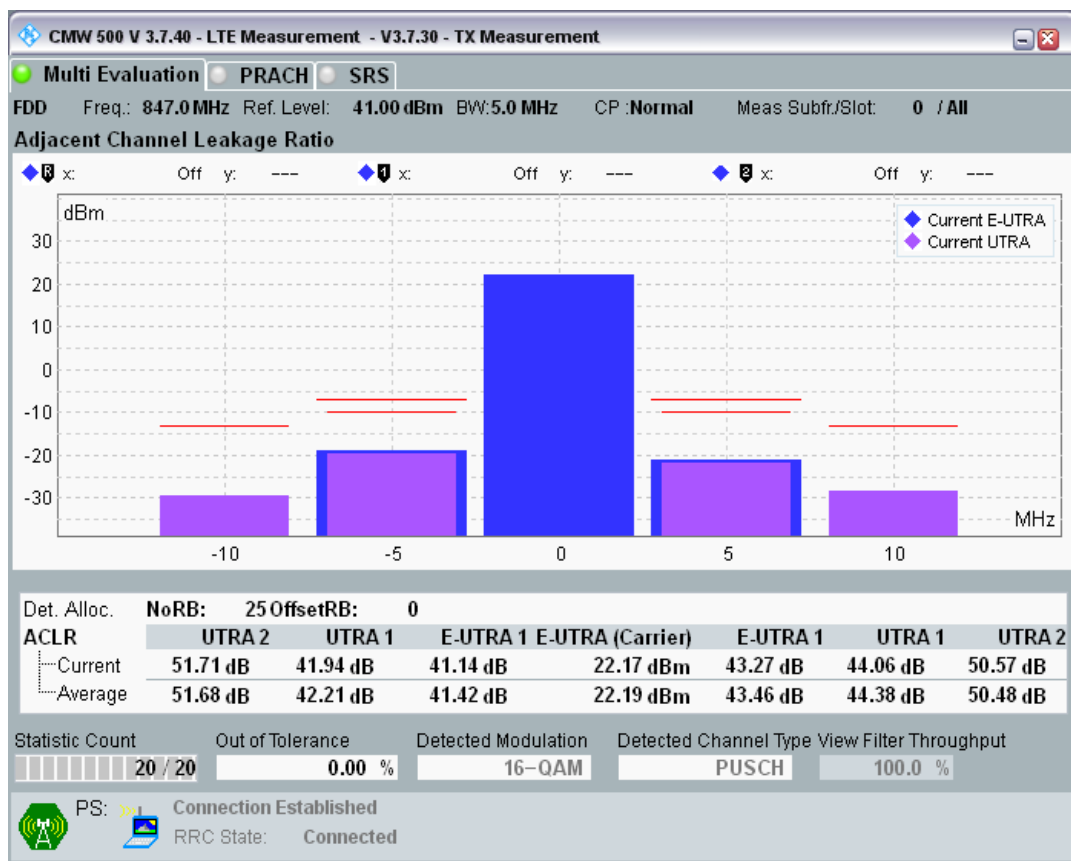
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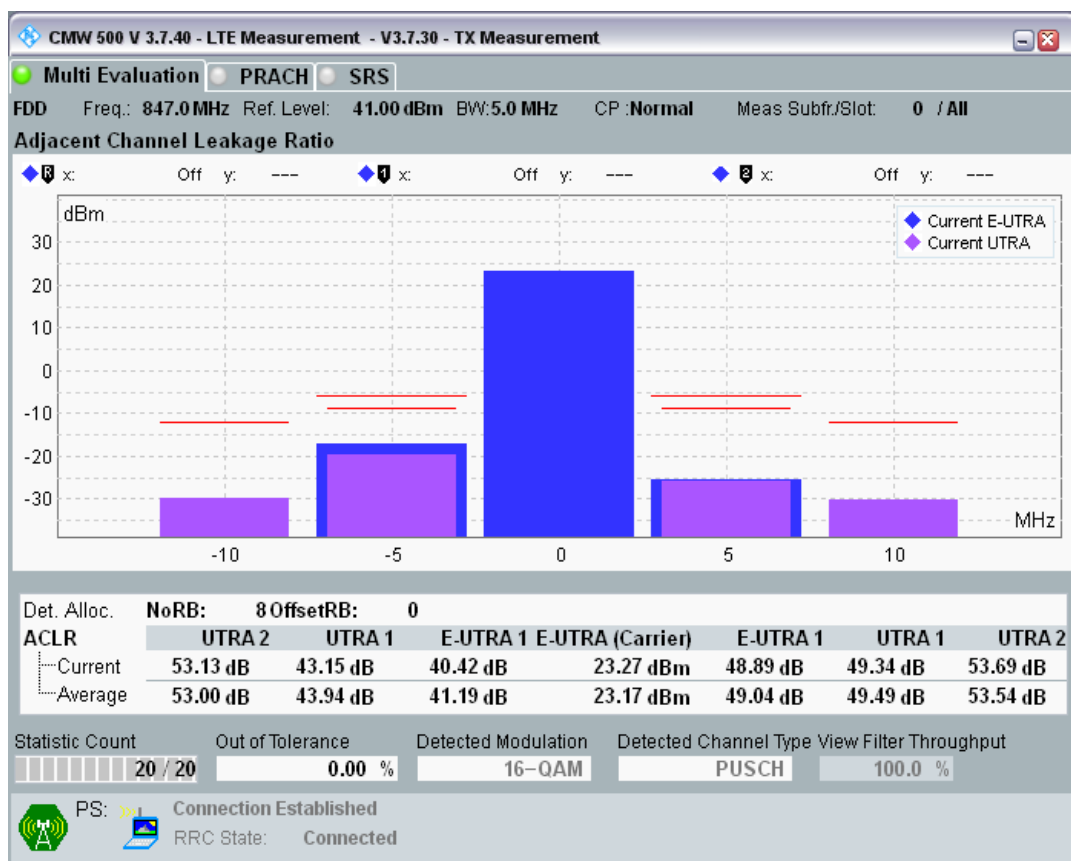
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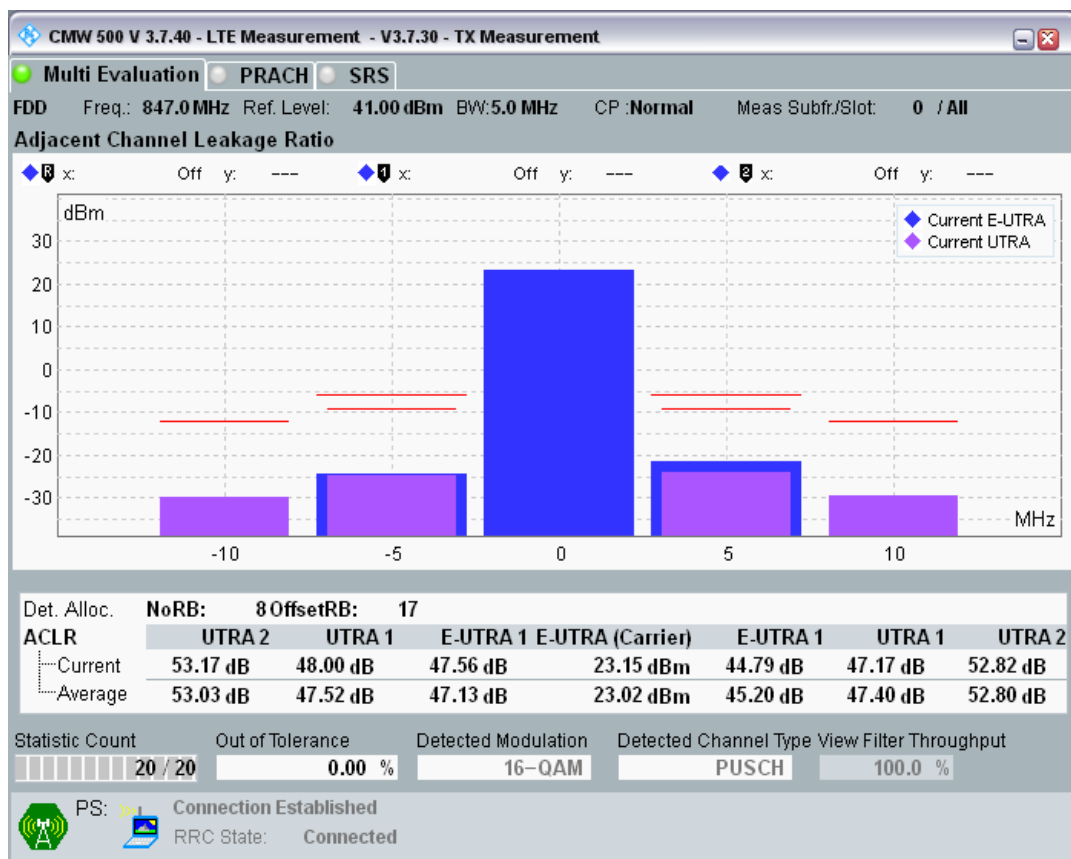
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Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#0.png



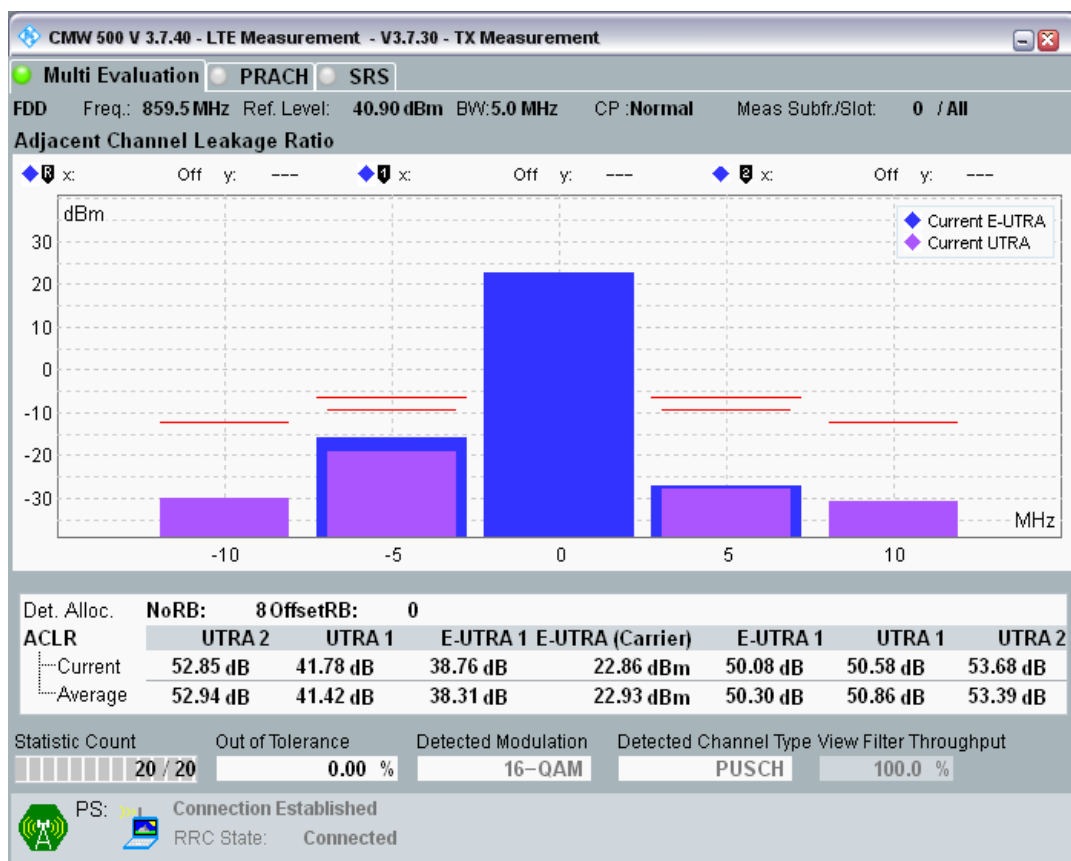
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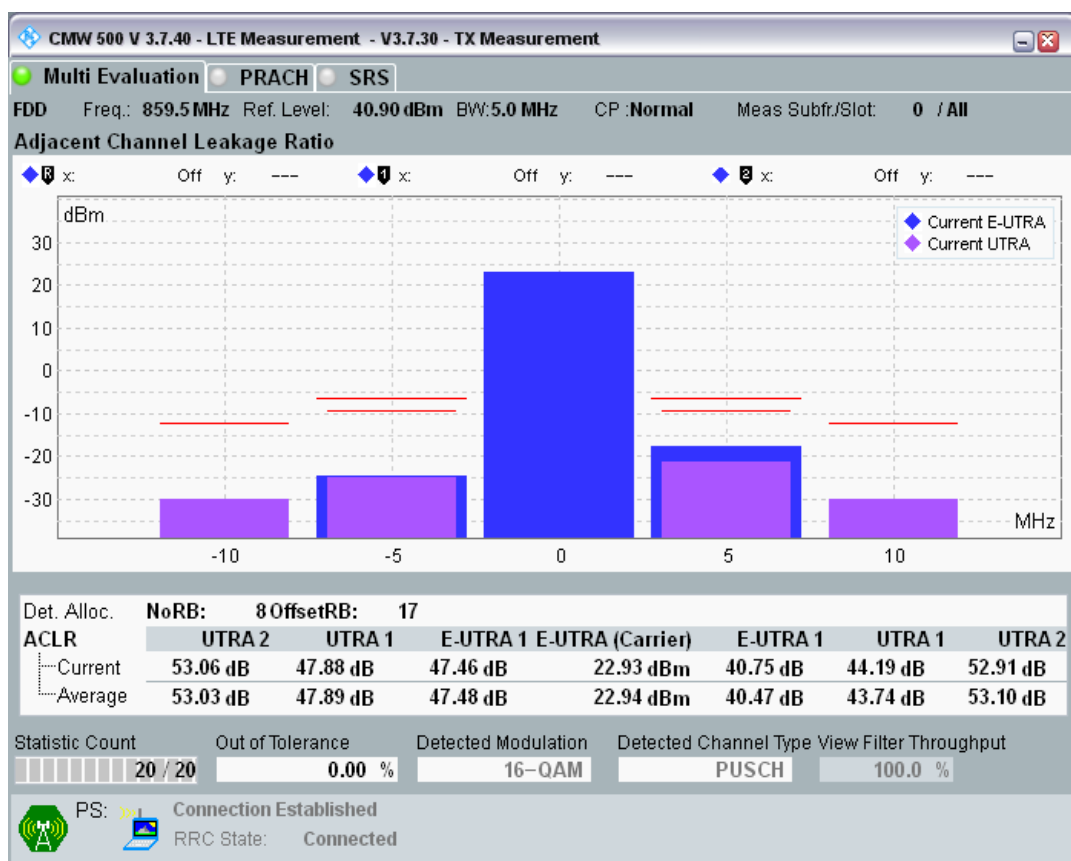
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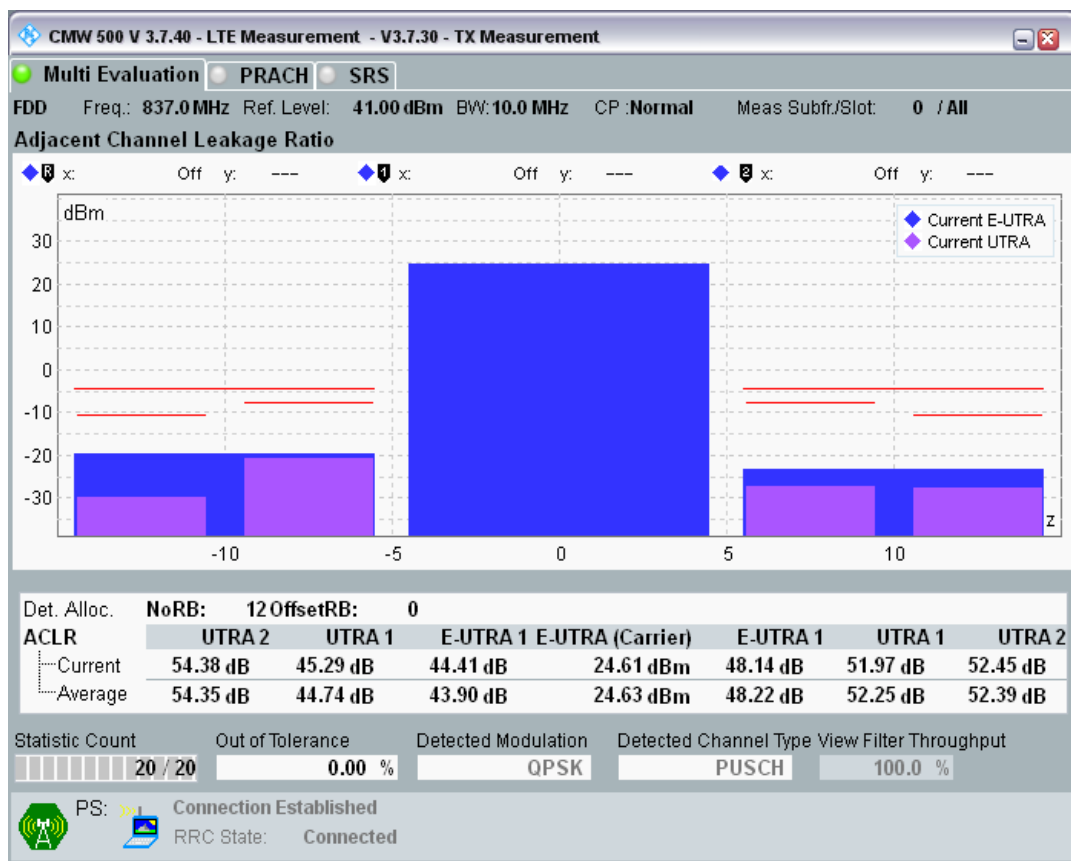
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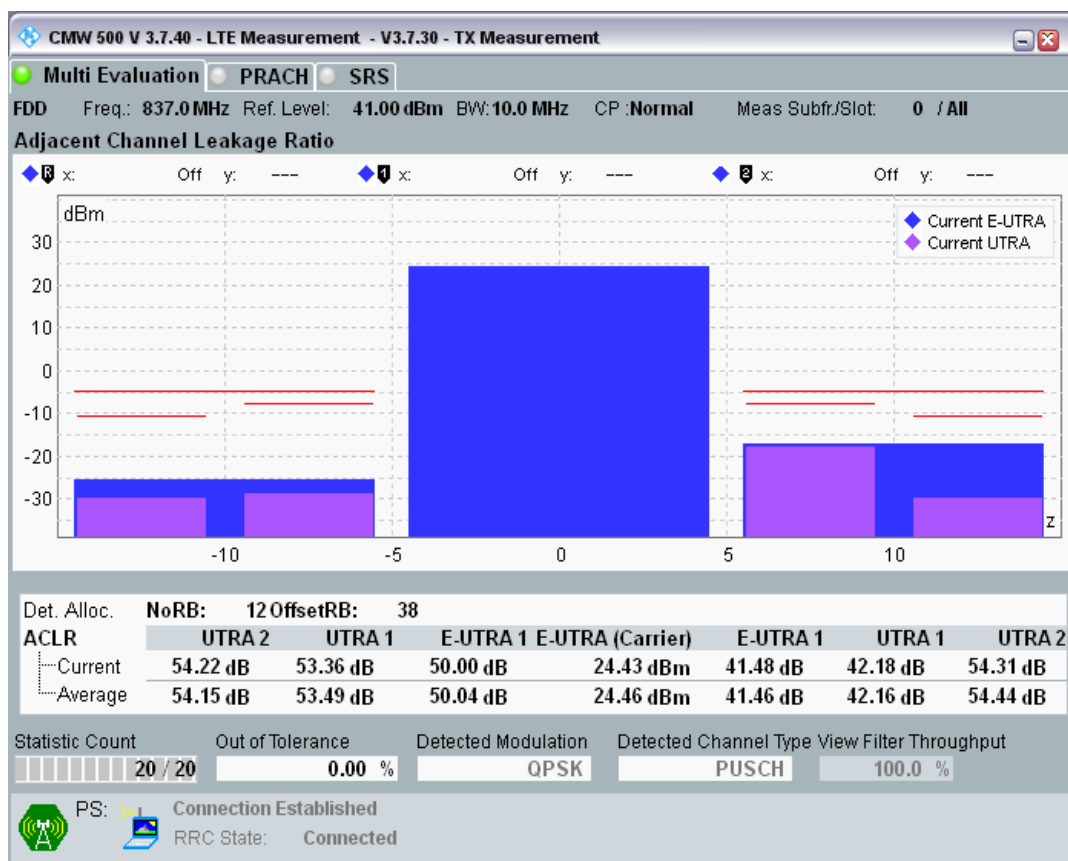
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Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



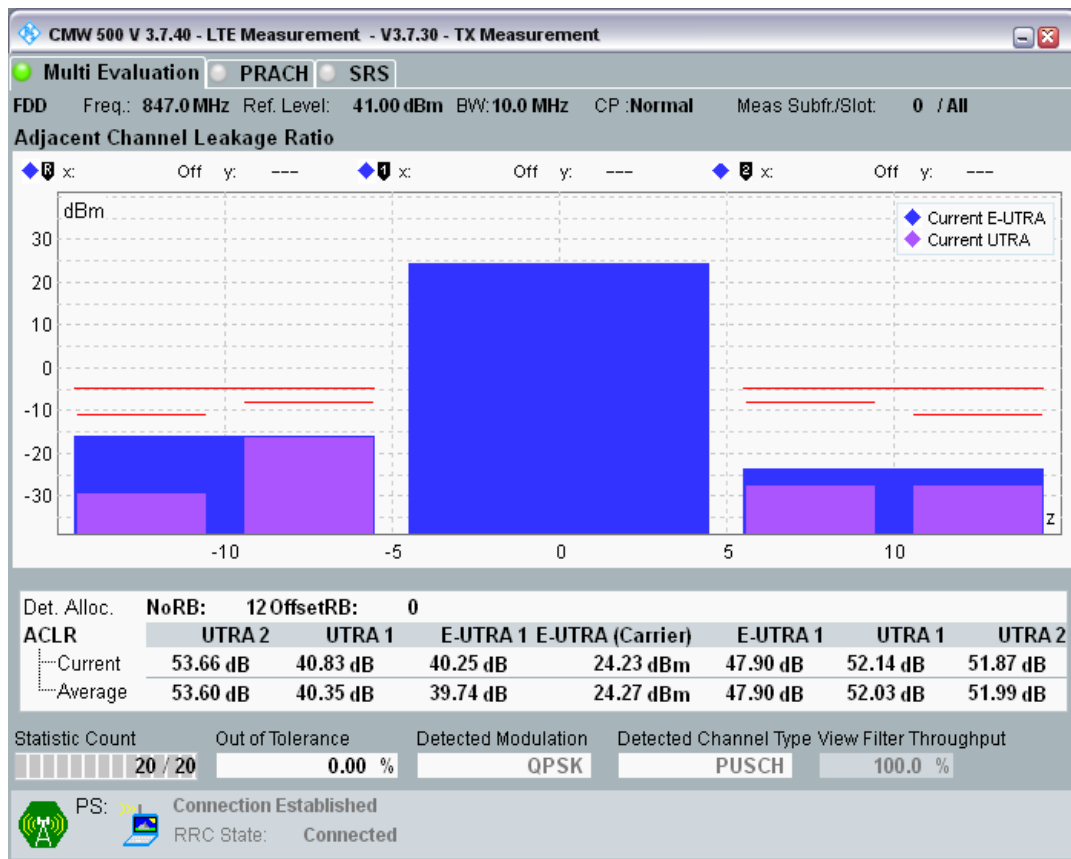
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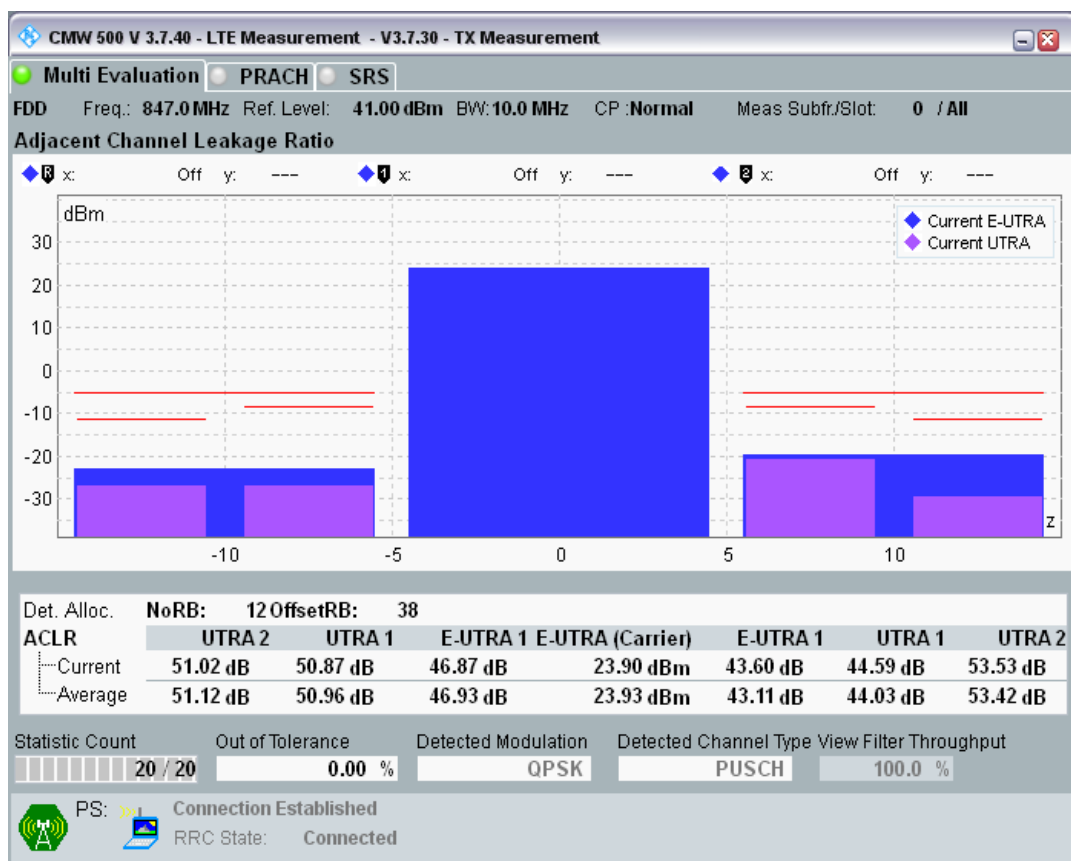
Band20 QPSK BW=10MHz Channel=24200 RB Size=50 Position=#0.png



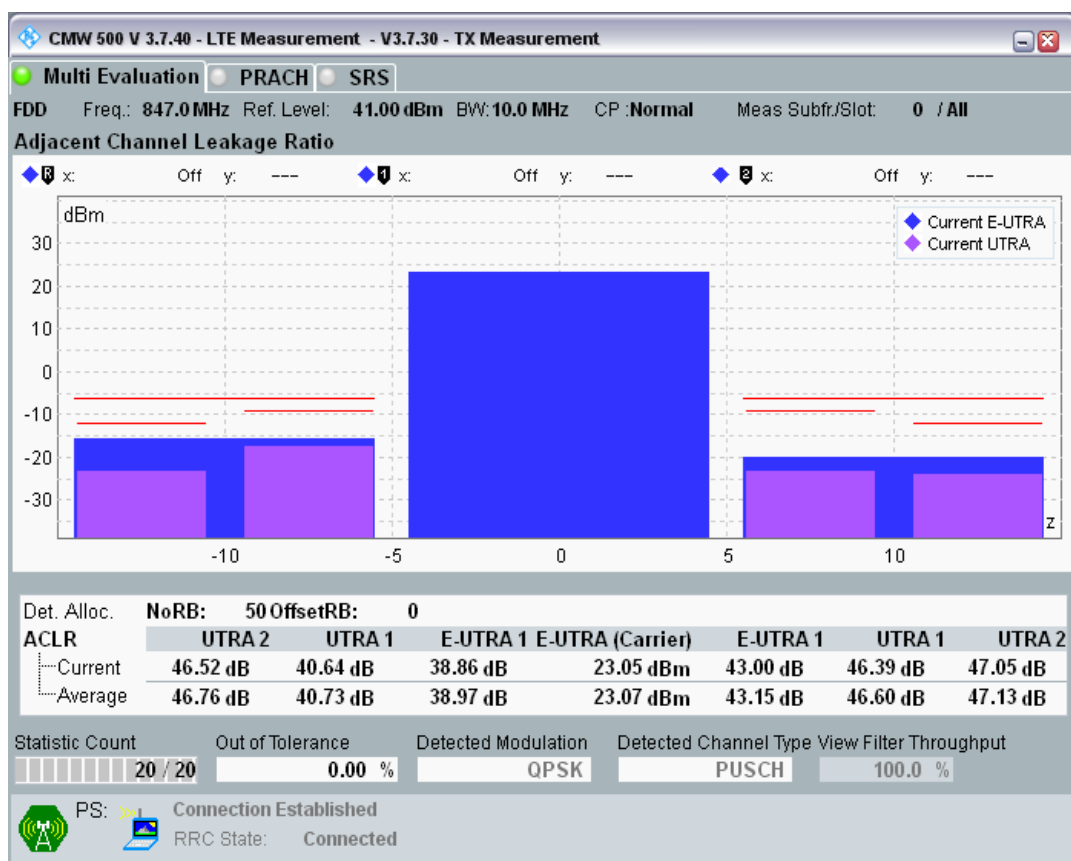
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Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#Max.png



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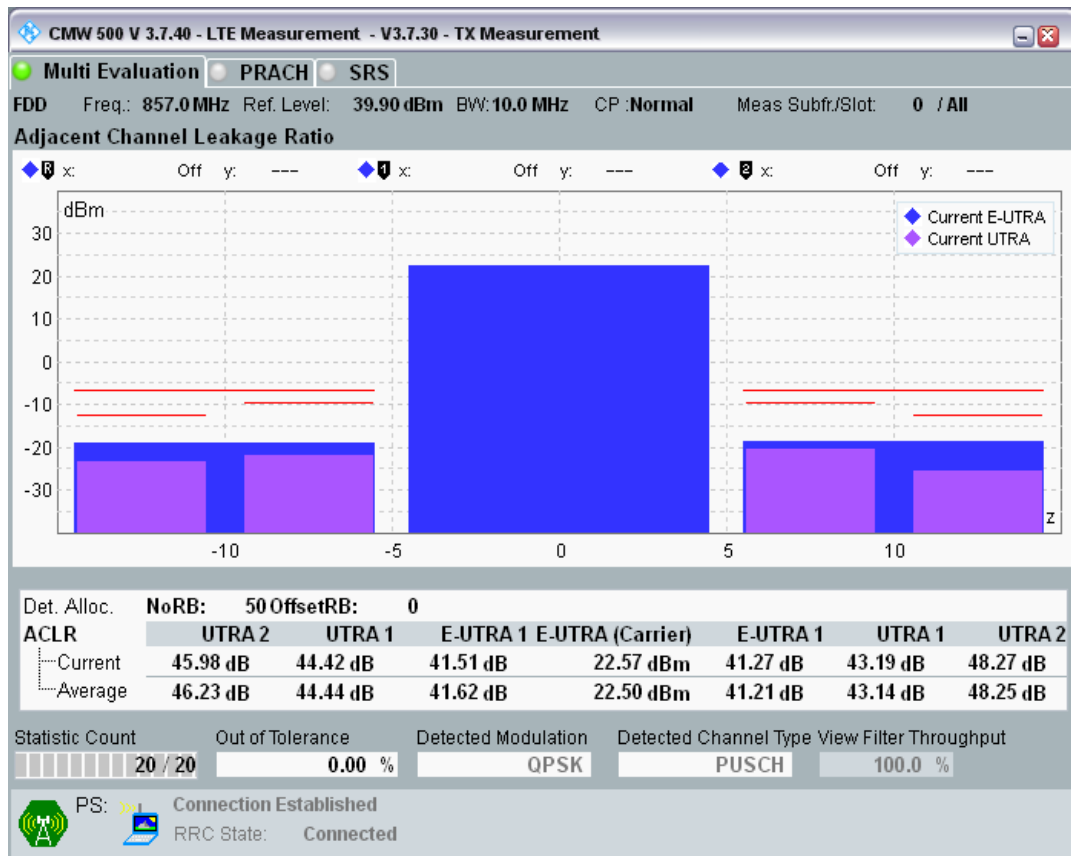
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#0.png



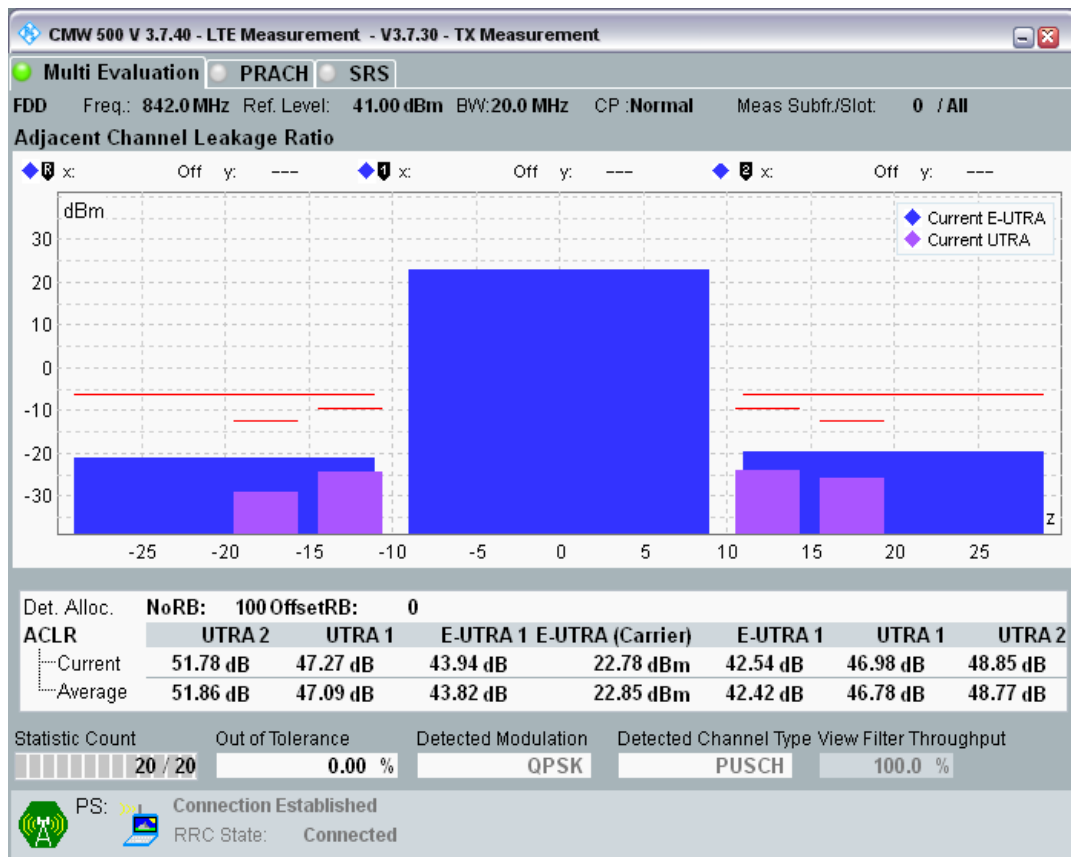
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



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



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



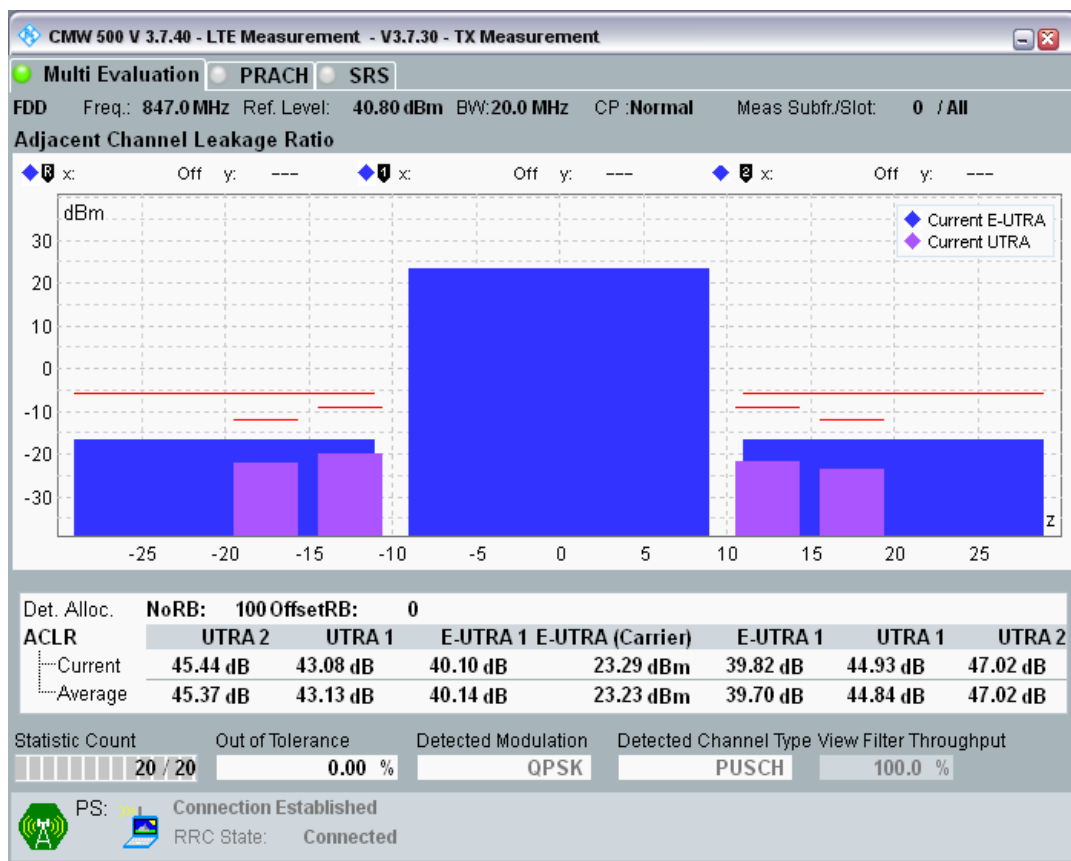
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#0.png



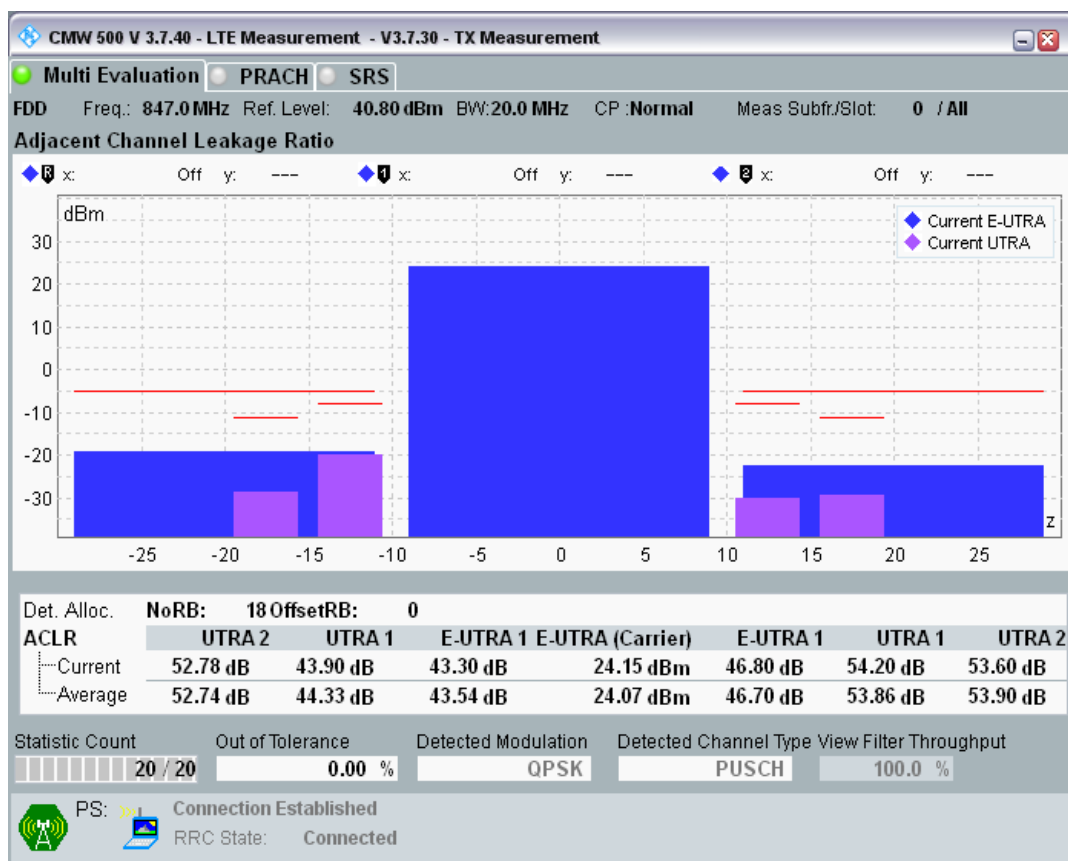
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



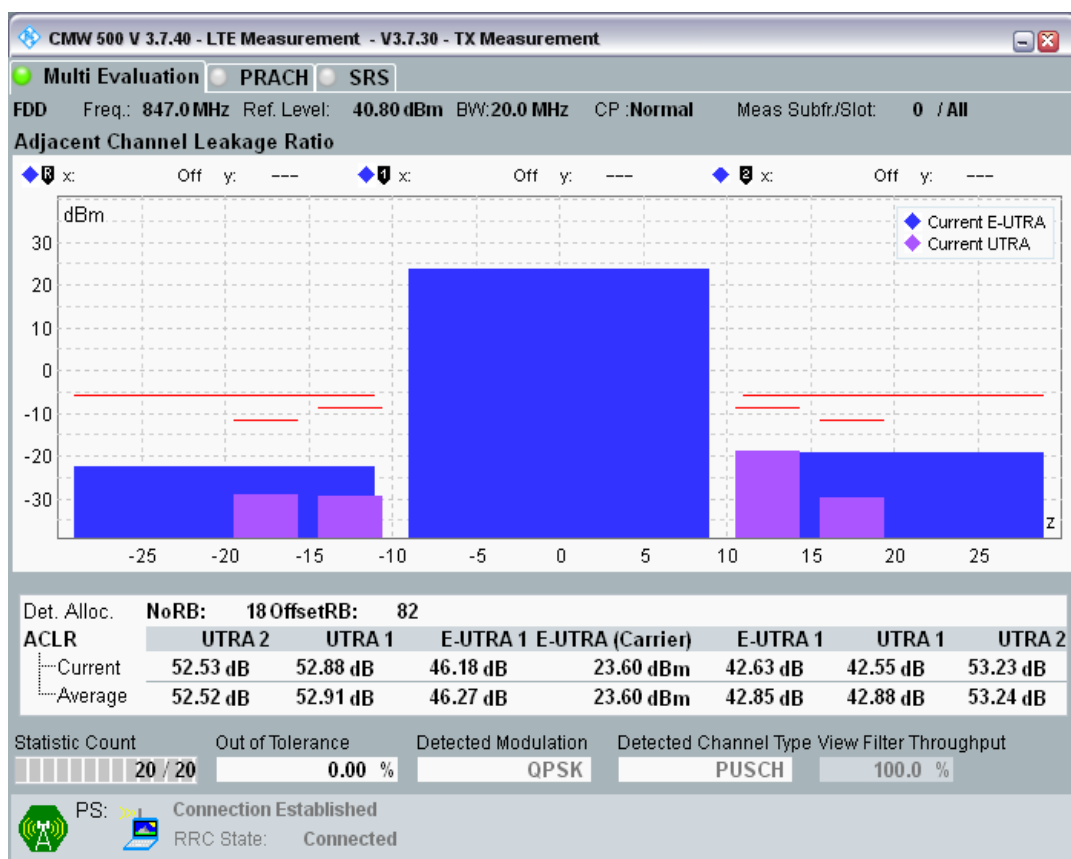
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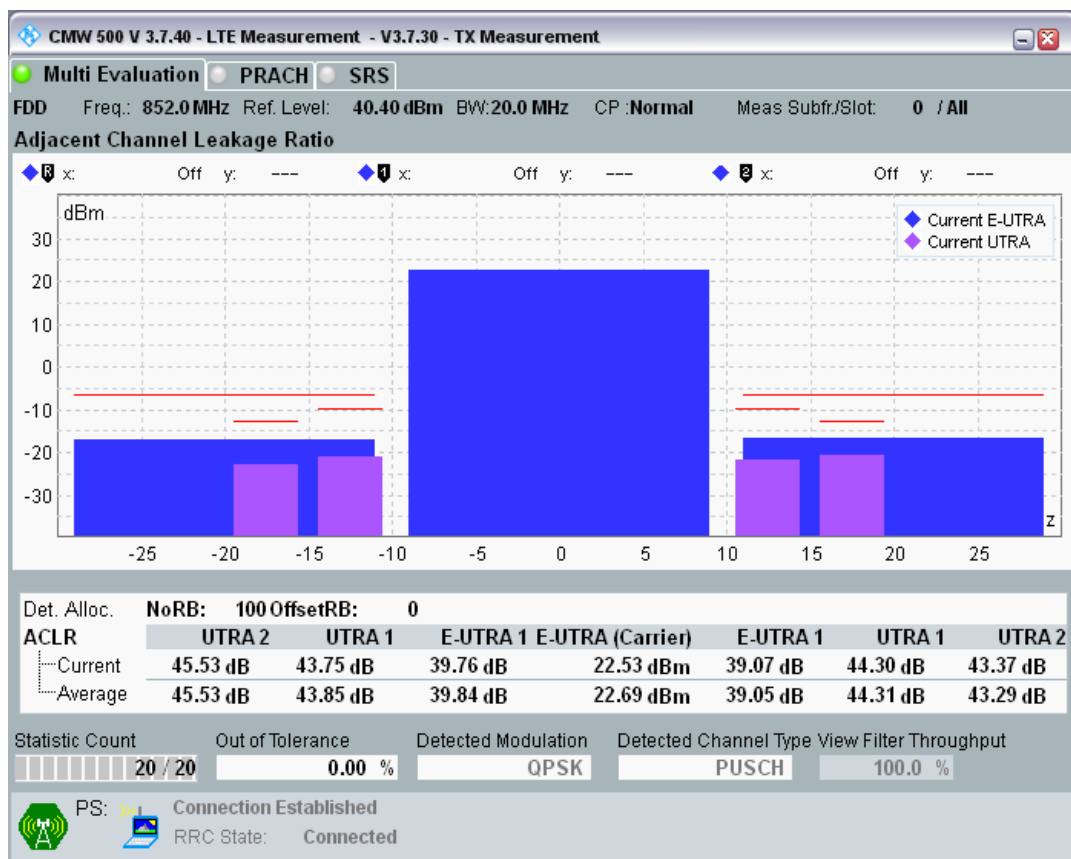
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Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#Max.png



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



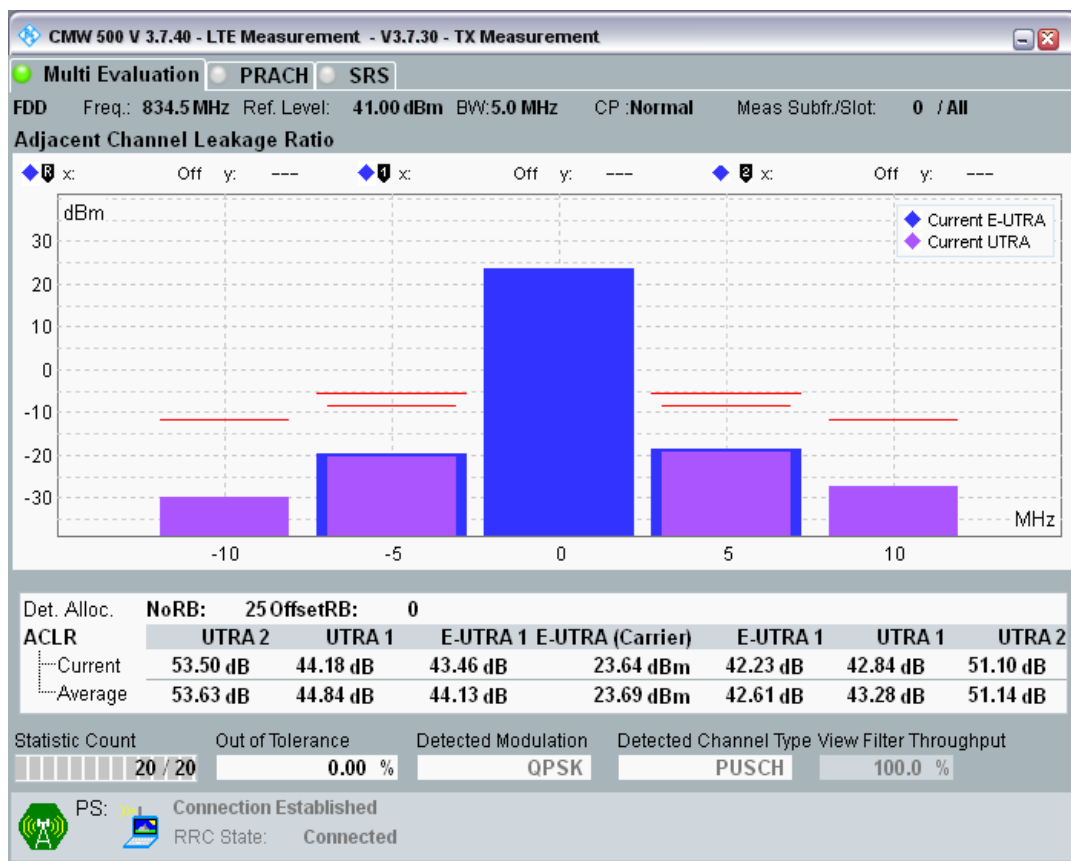
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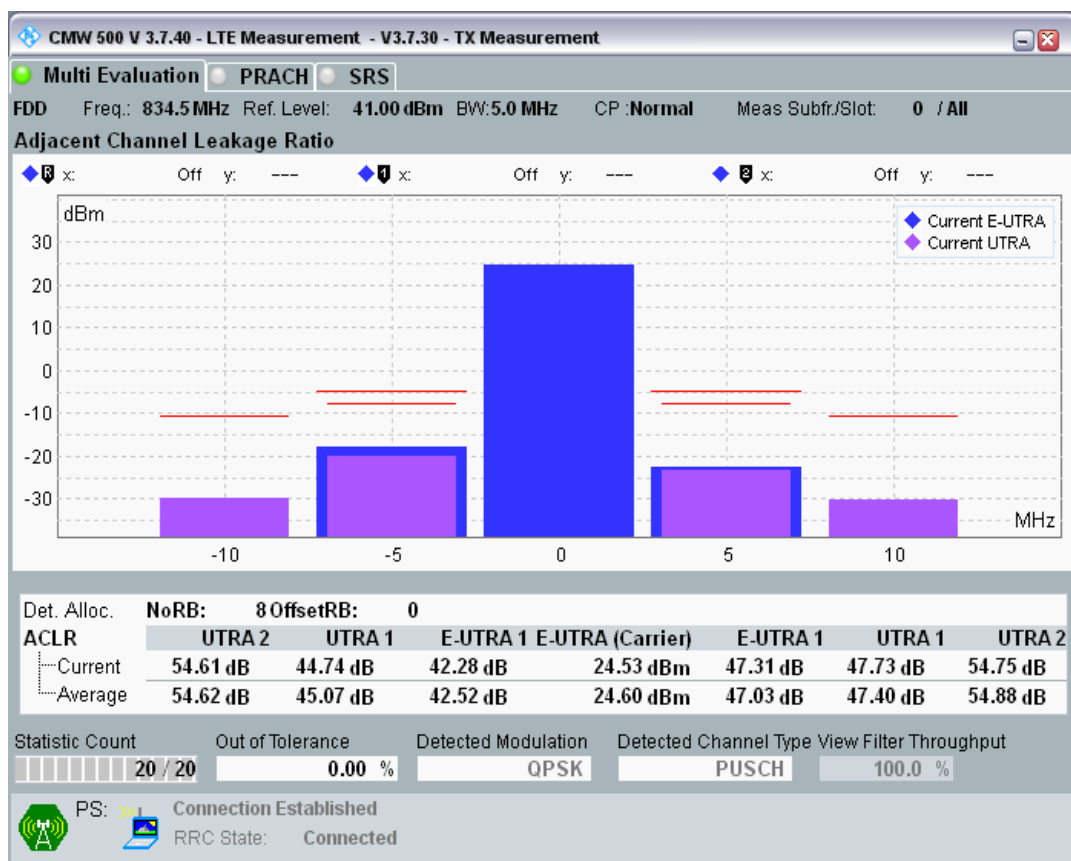
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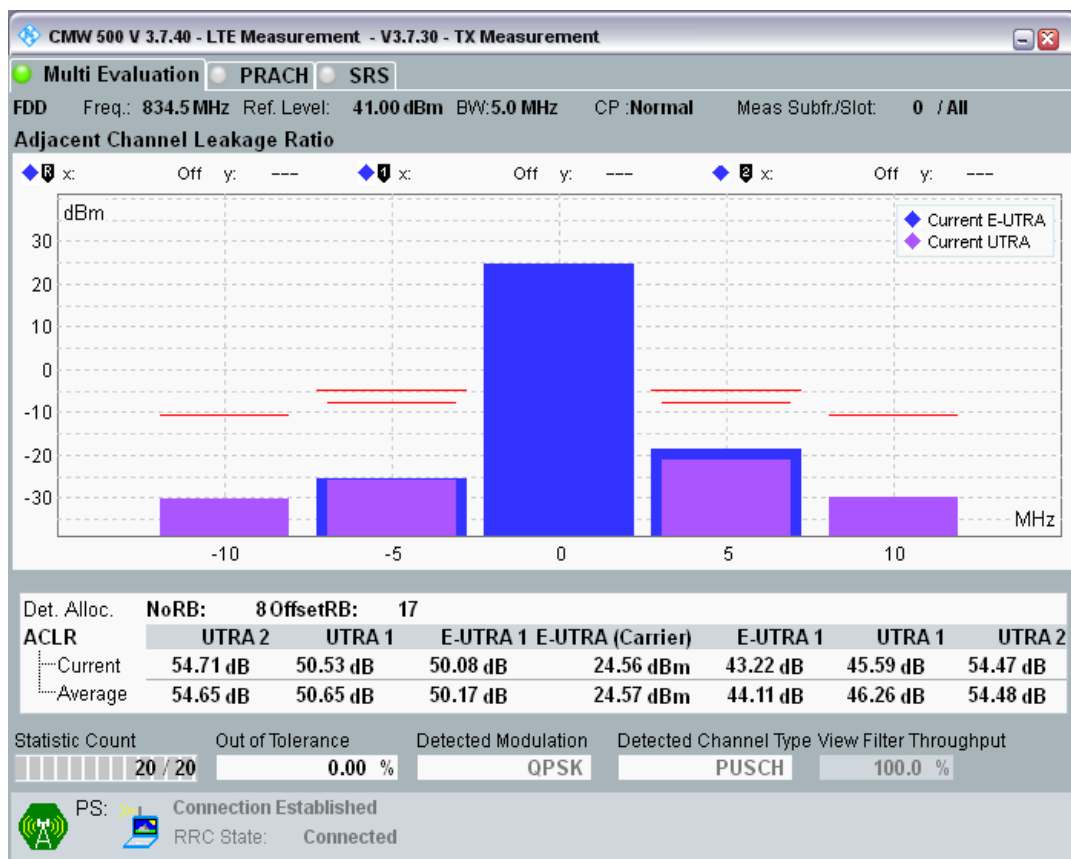
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



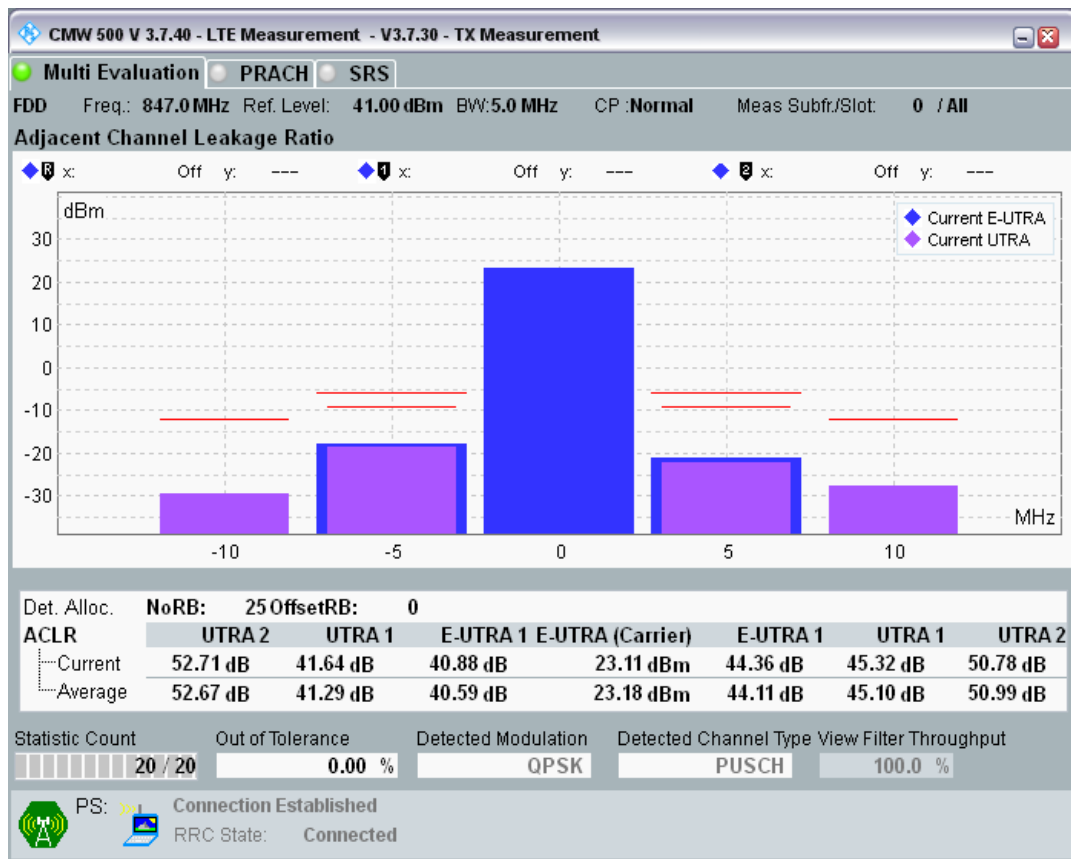
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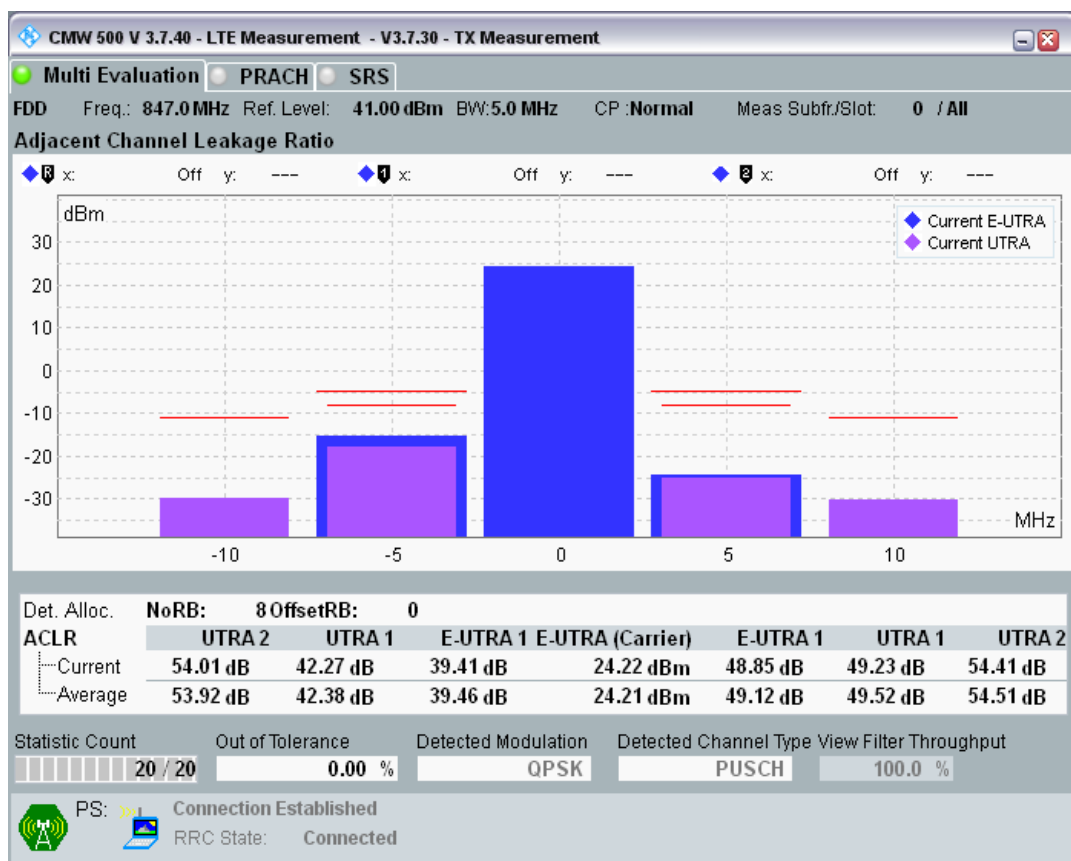
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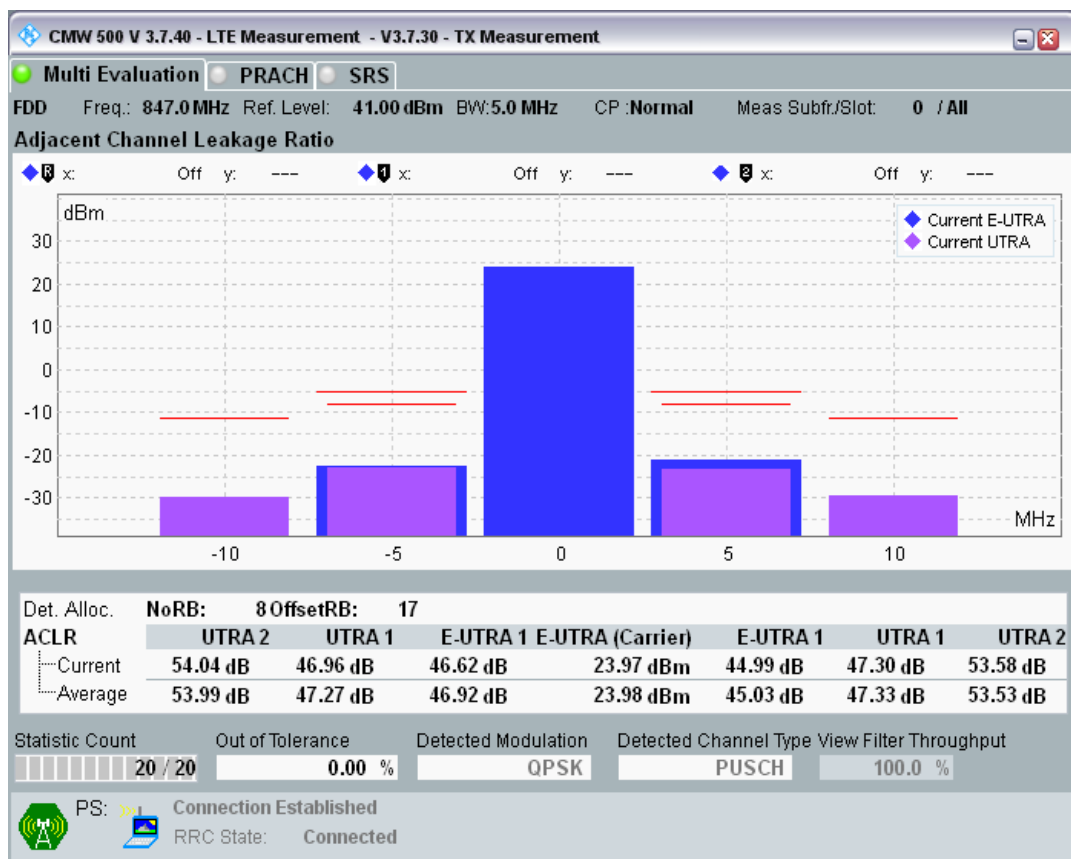
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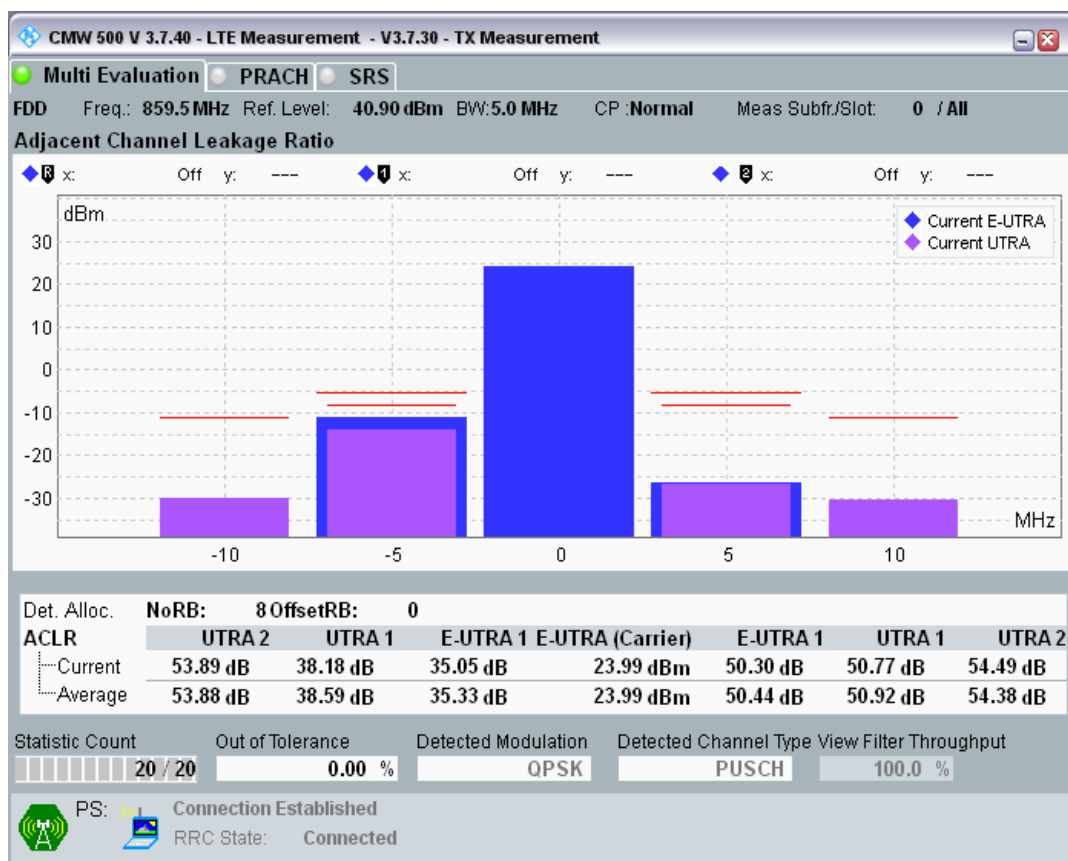
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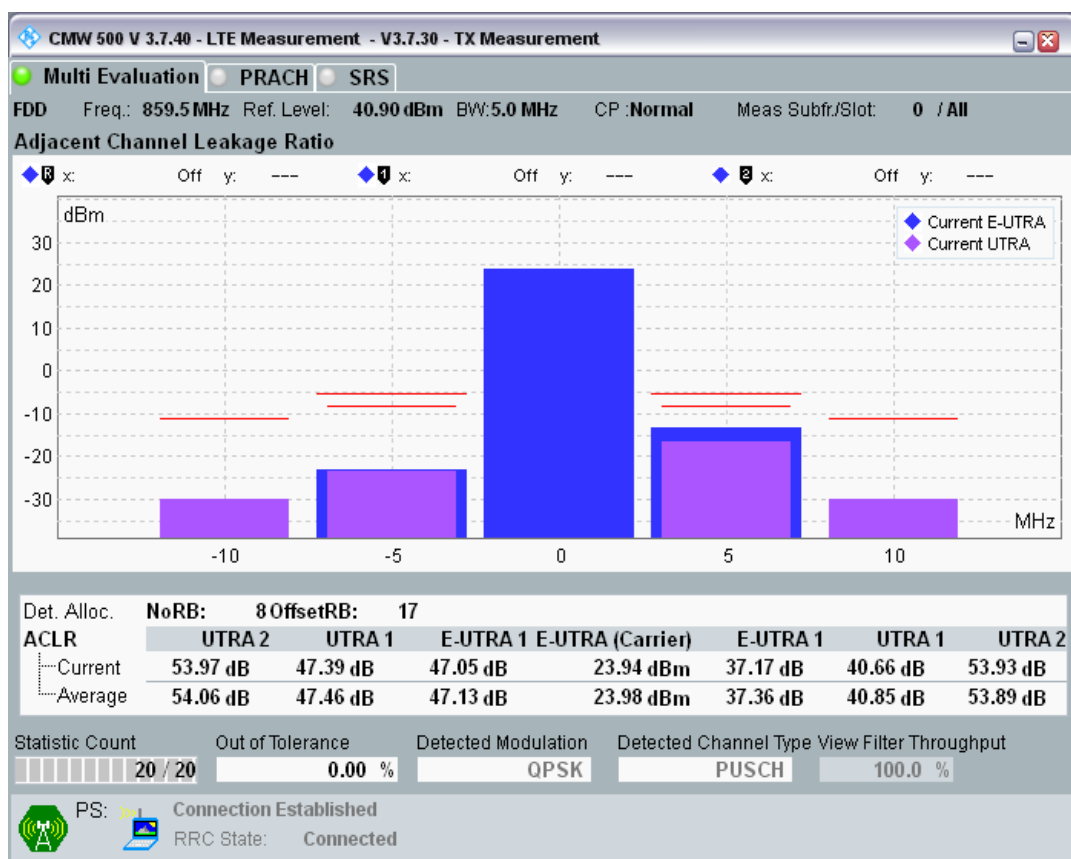
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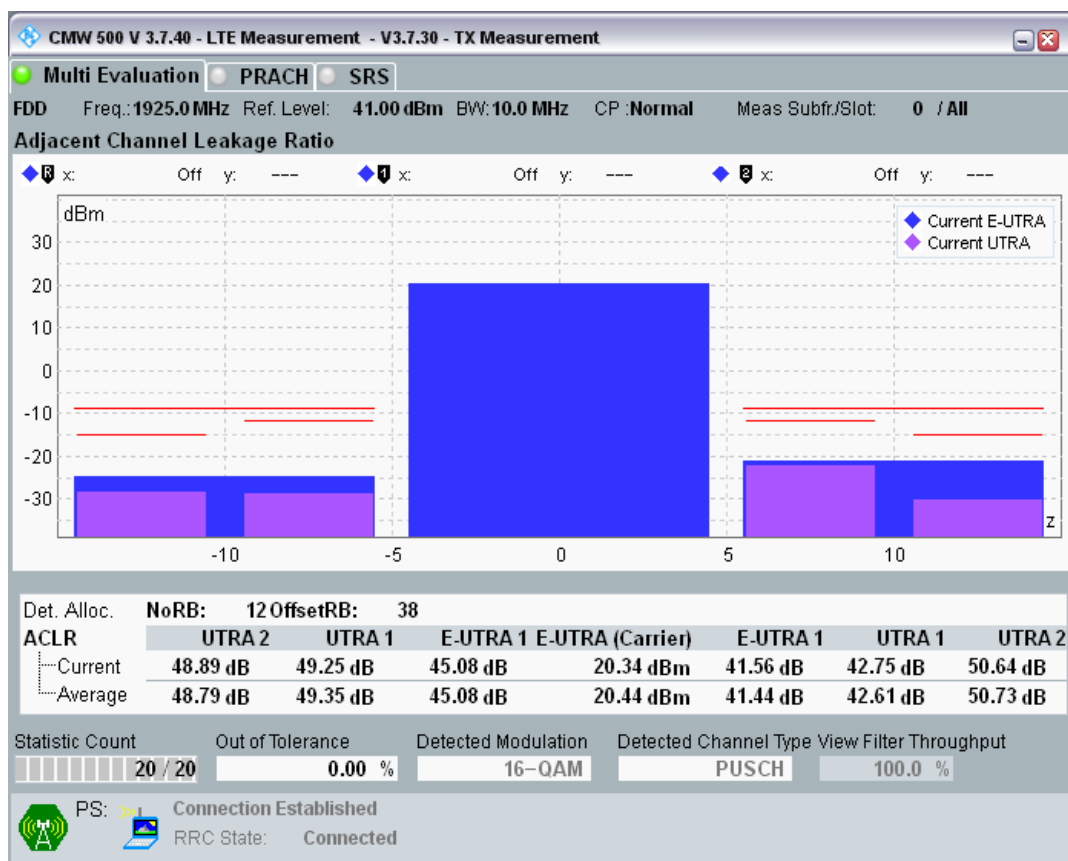
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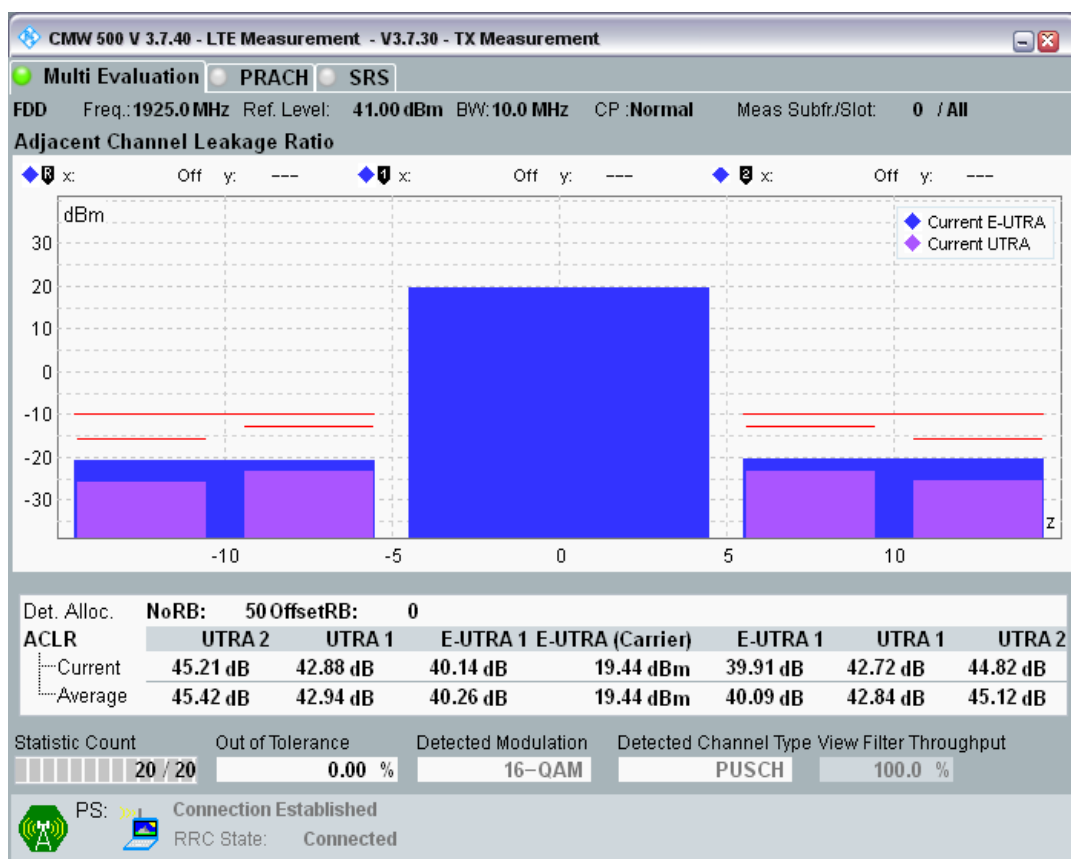
Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png



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



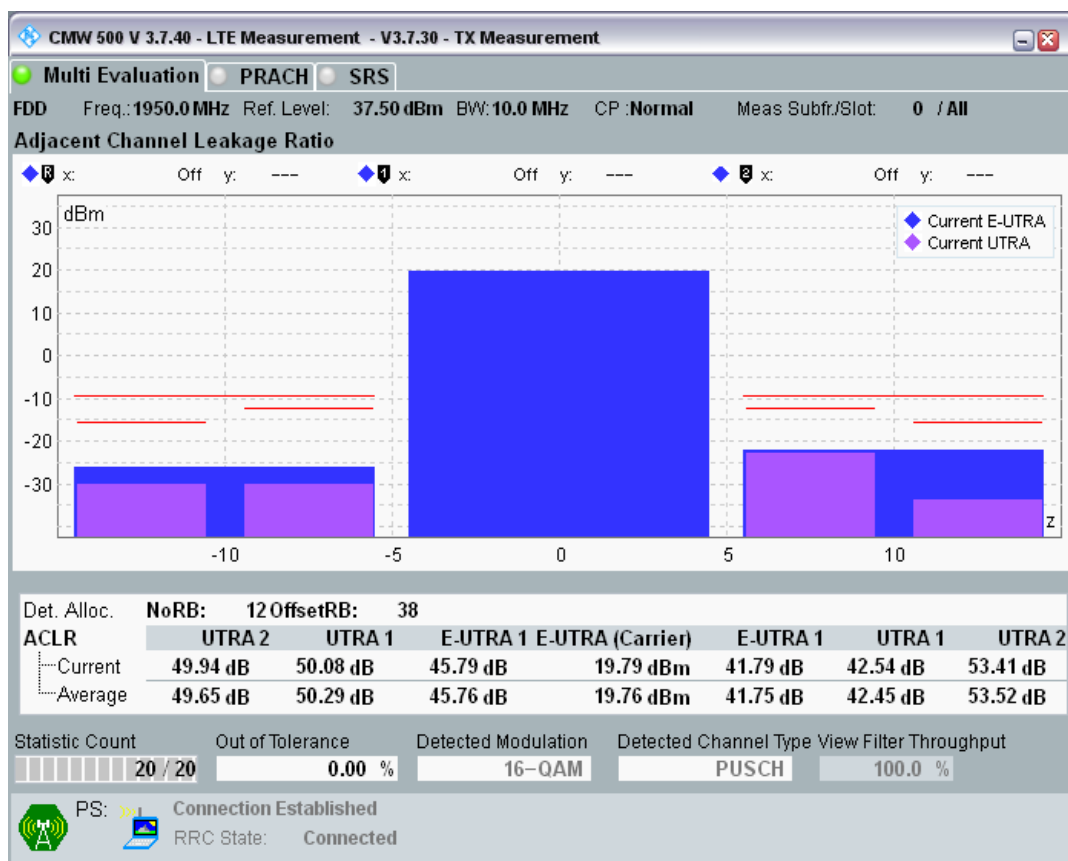
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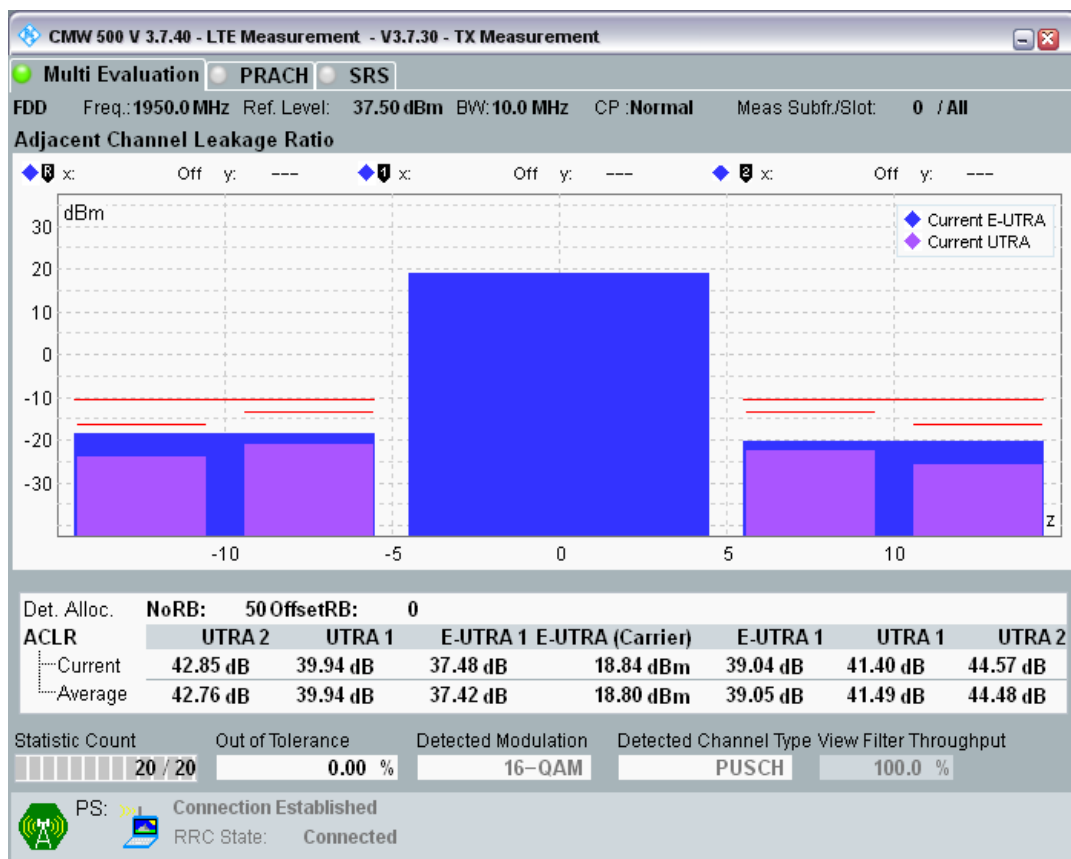
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Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



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



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



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



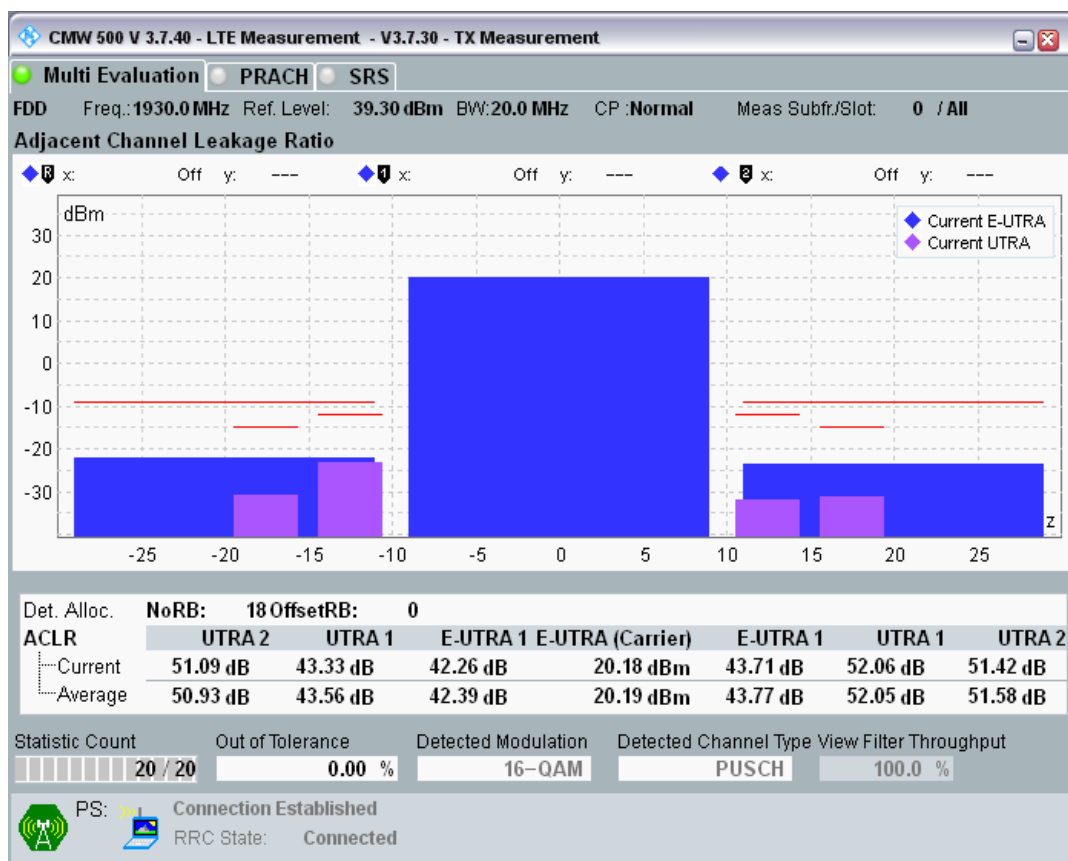
Band1 QAM16 BW=10MHz Channel=18550 RB Size=50 Position=#0.png



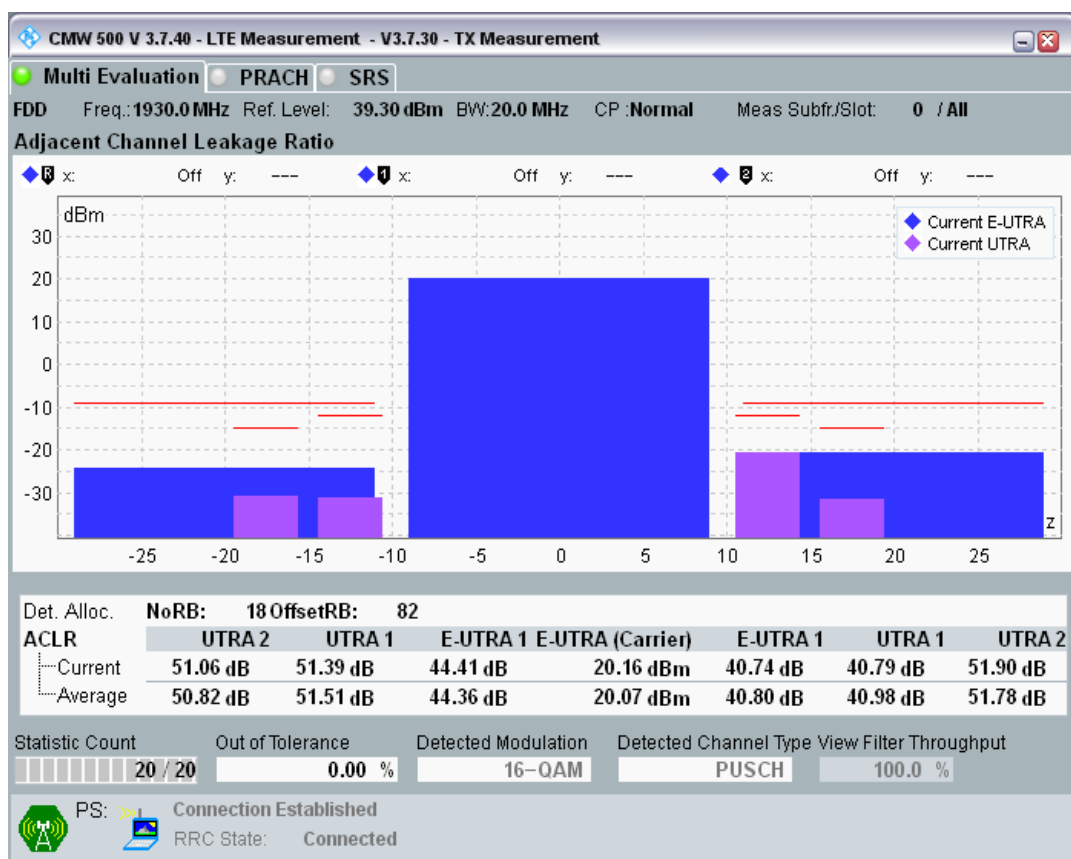
Band1 QAM16 BW=20MHz Channel=18100 RB Size=100 Position=#0.png



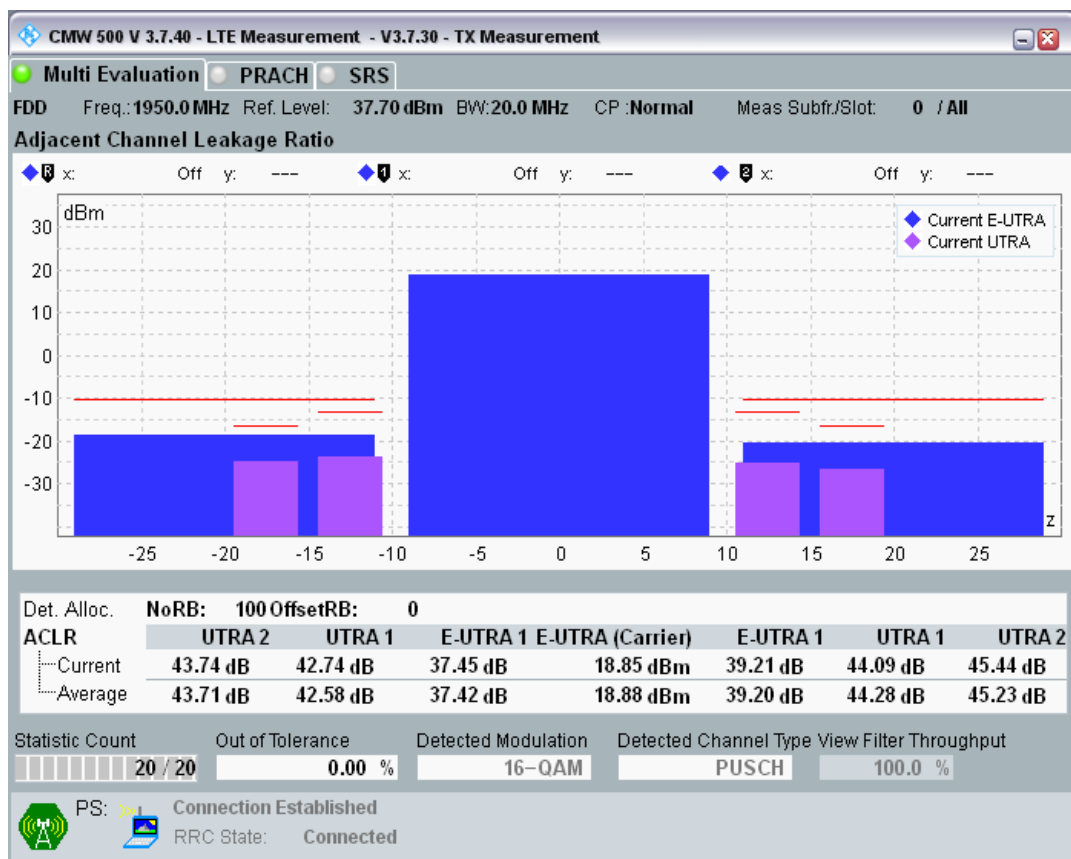
Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#0.png



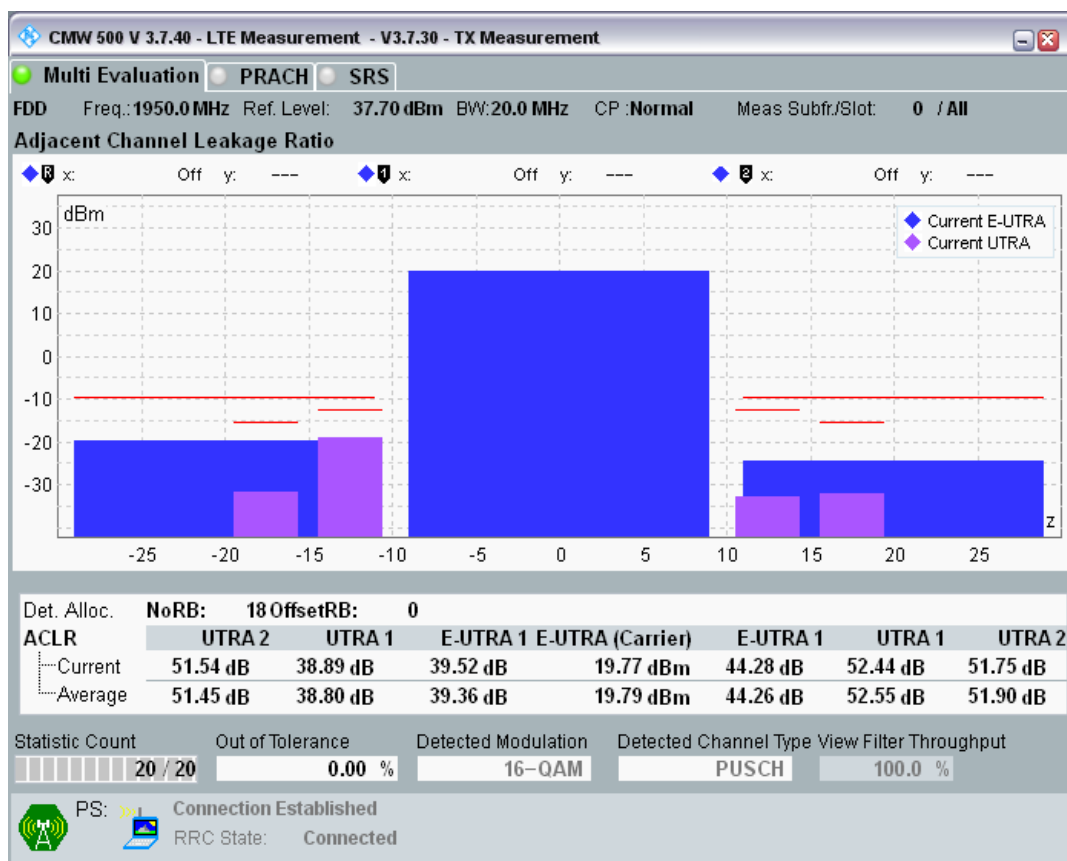
Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#Max.png



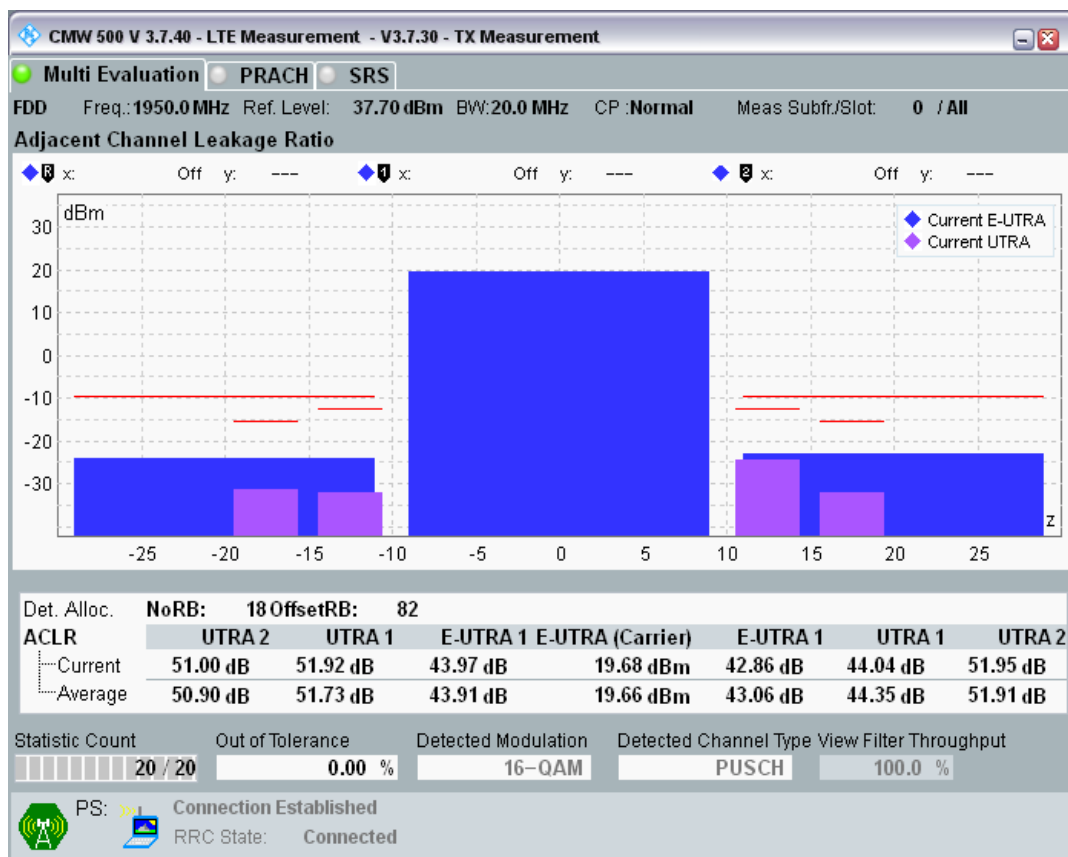
Band1 QAM16 BW=20MHz Channel=18300 RB Size=100 Position=#0.png



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



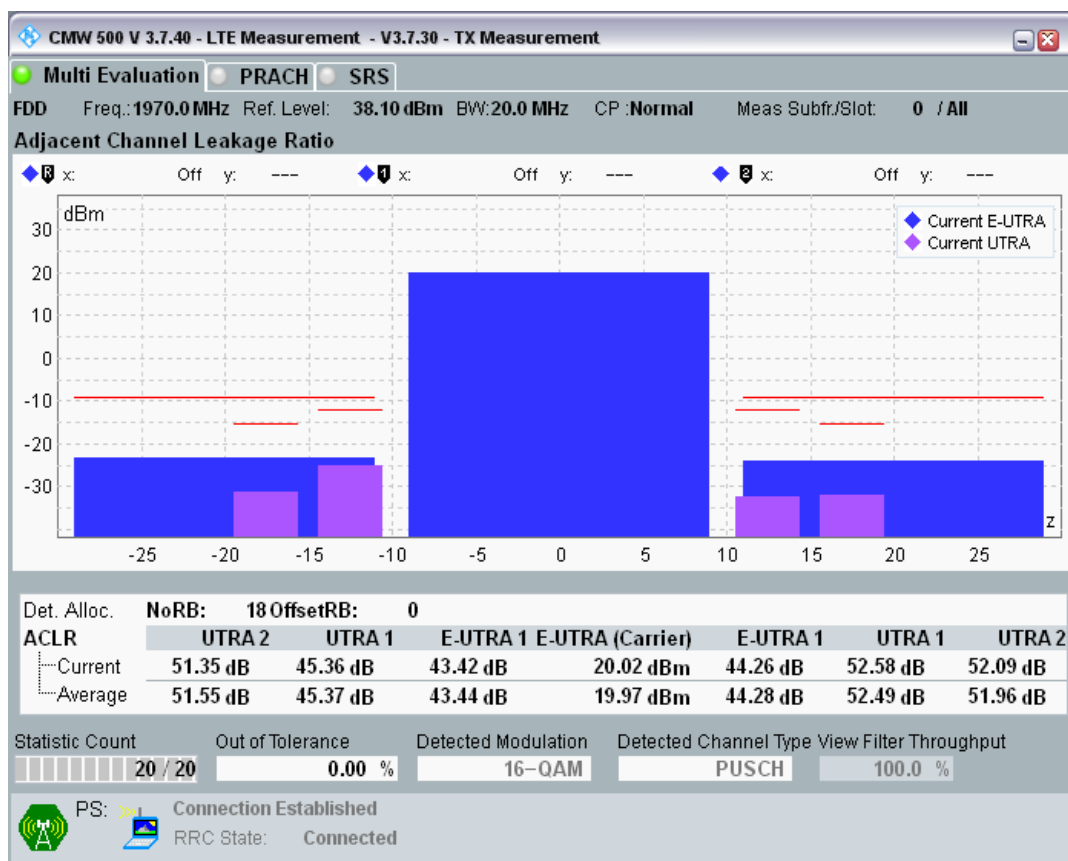
Band1 QAM16 BW=20MHz Channel=18300 RB Size=18 Position=#Max.png



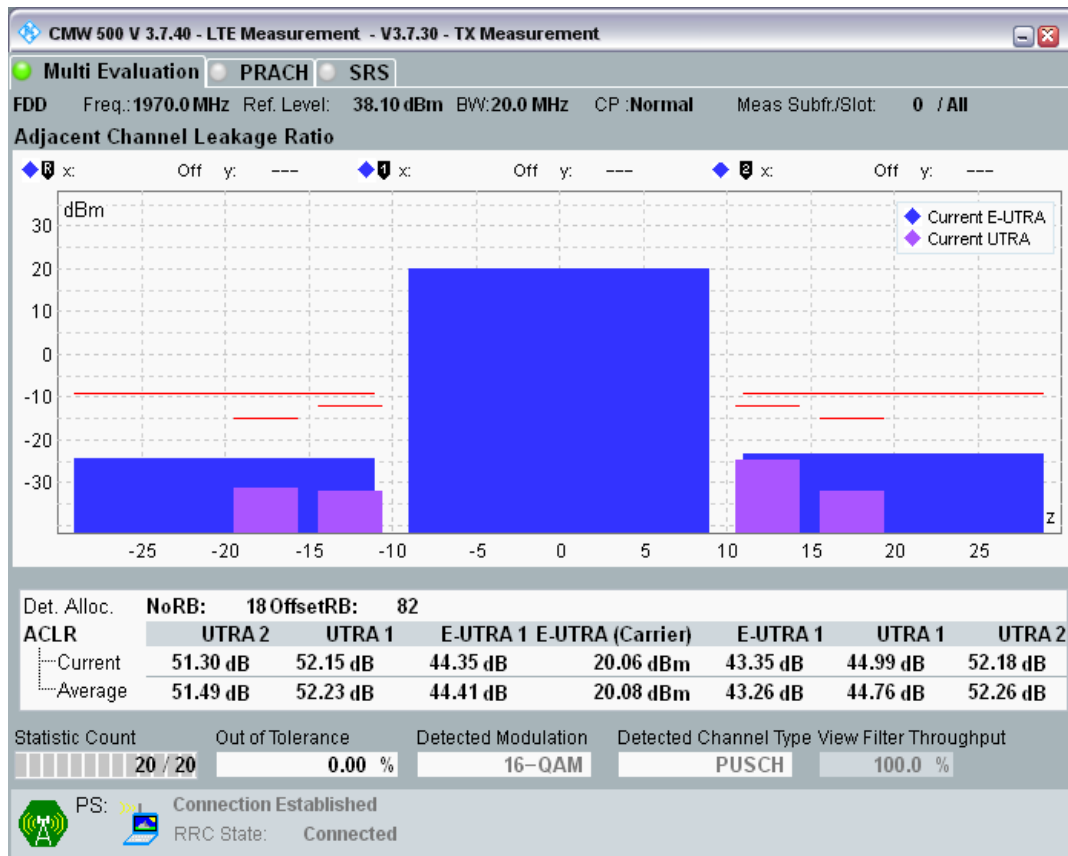
Band1 QAM16 BW=20MHz Channel=18500 RB Size=100 Position=#0.png



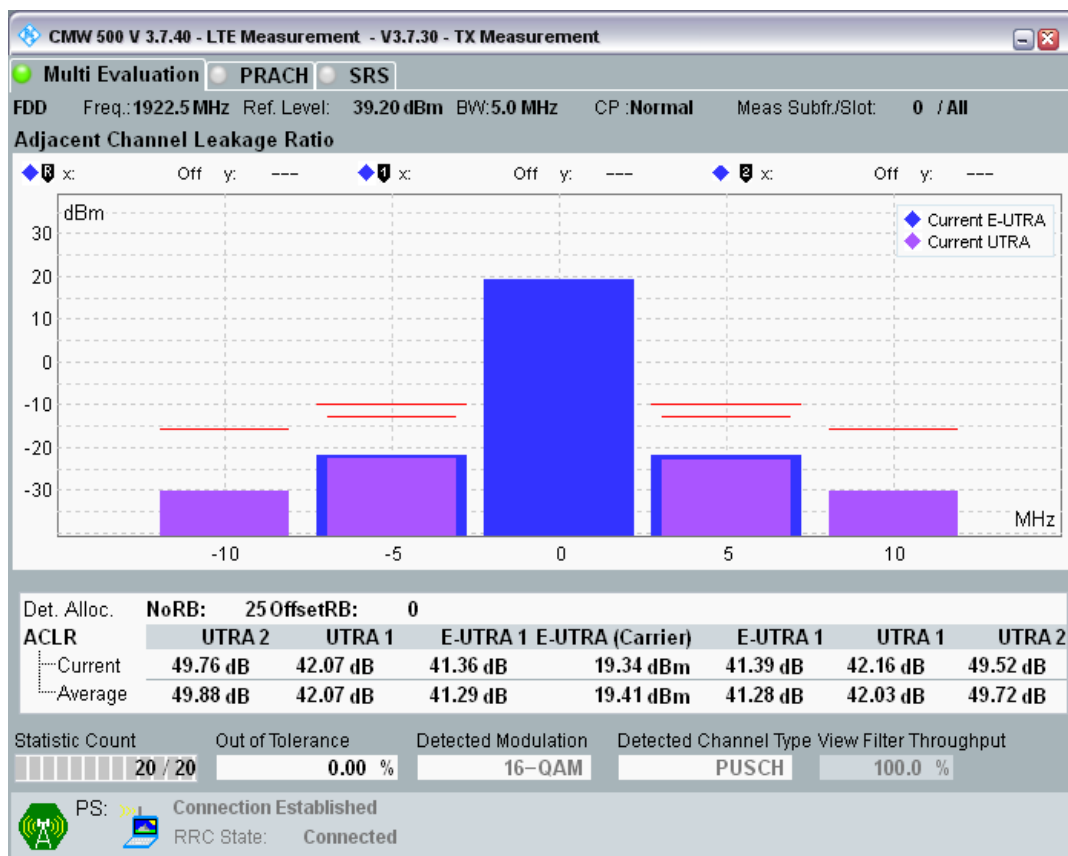
Band1 QAM16 BW=20MHz Channel=18500 RB Size=18 Position=#0.png



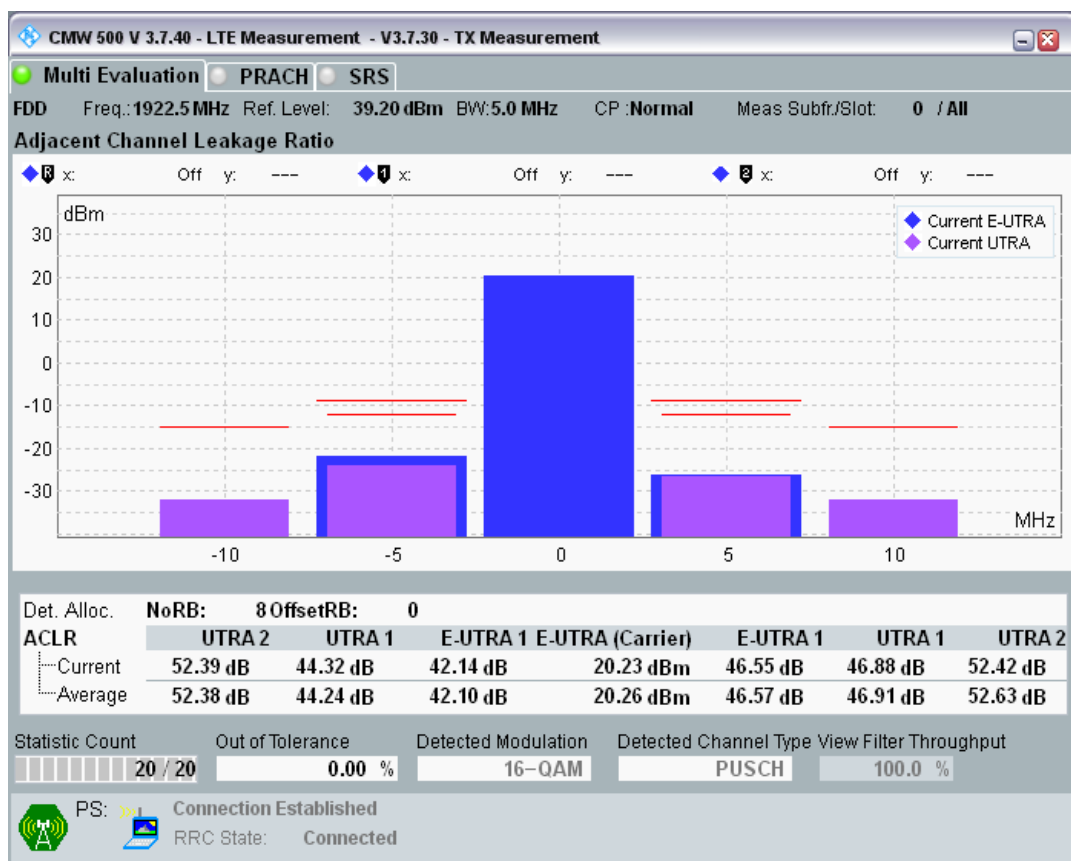
Band1 QAM16 BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



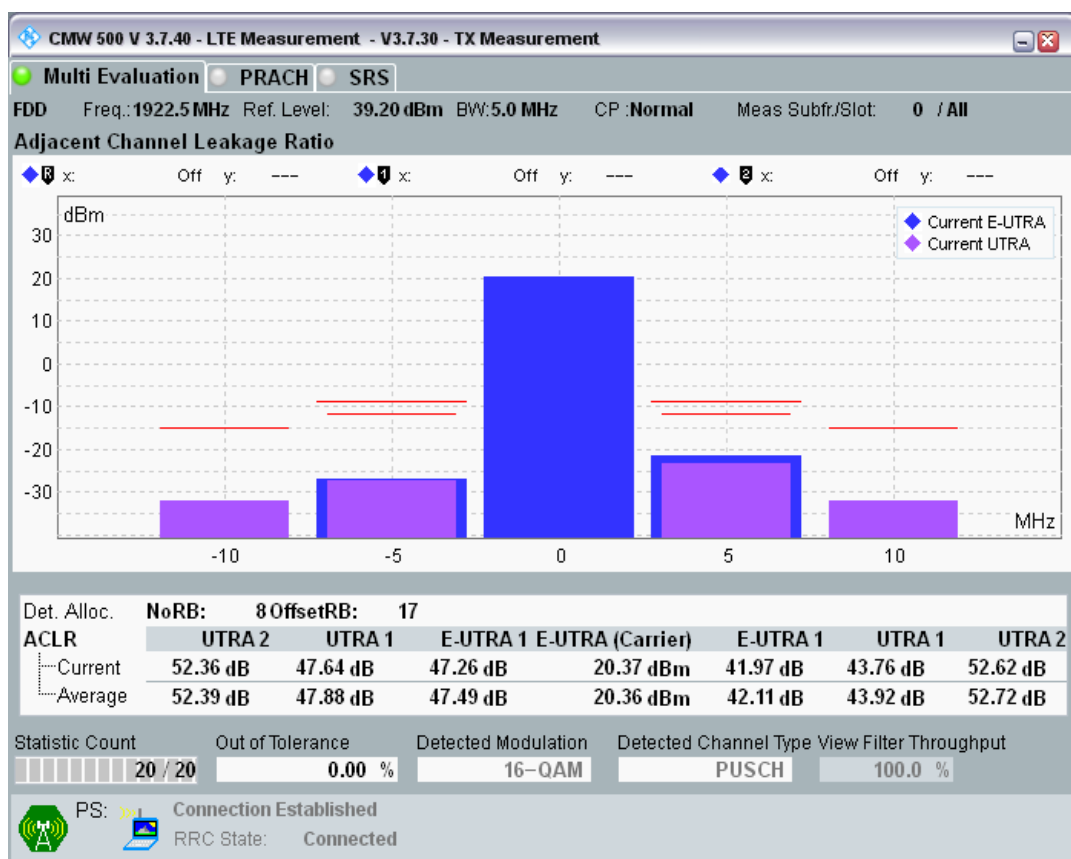
Band1 QAM16 BW=5MHz Channel=18025 RB Size=25 Position=#0.png



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



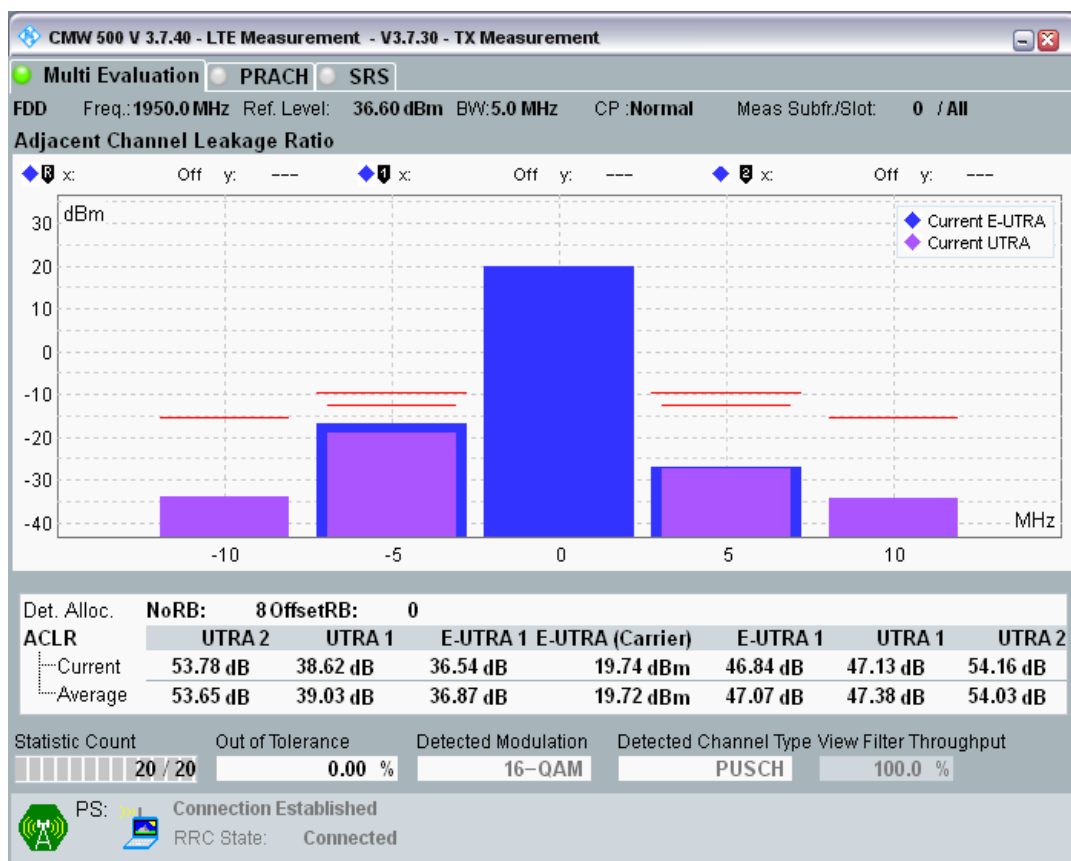
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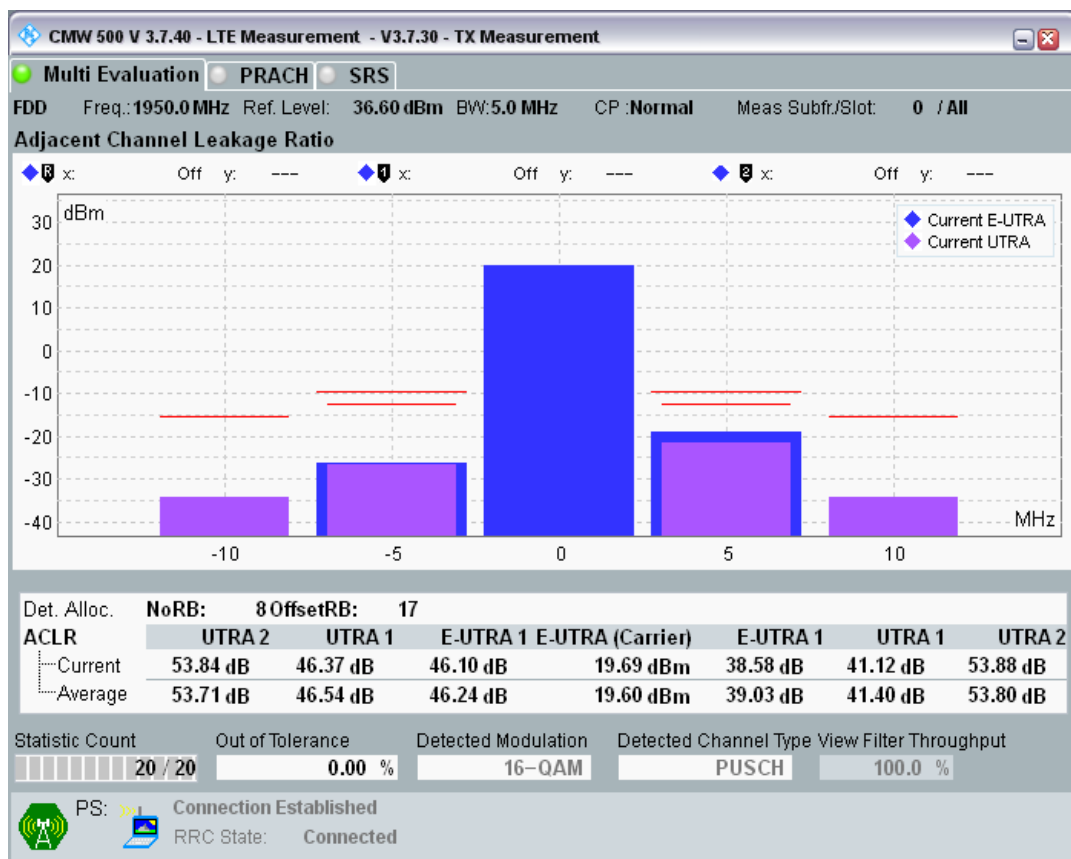
Band1 QAM16 BW=5MHz Channel=18300 RB Size=25 Position=#0.png



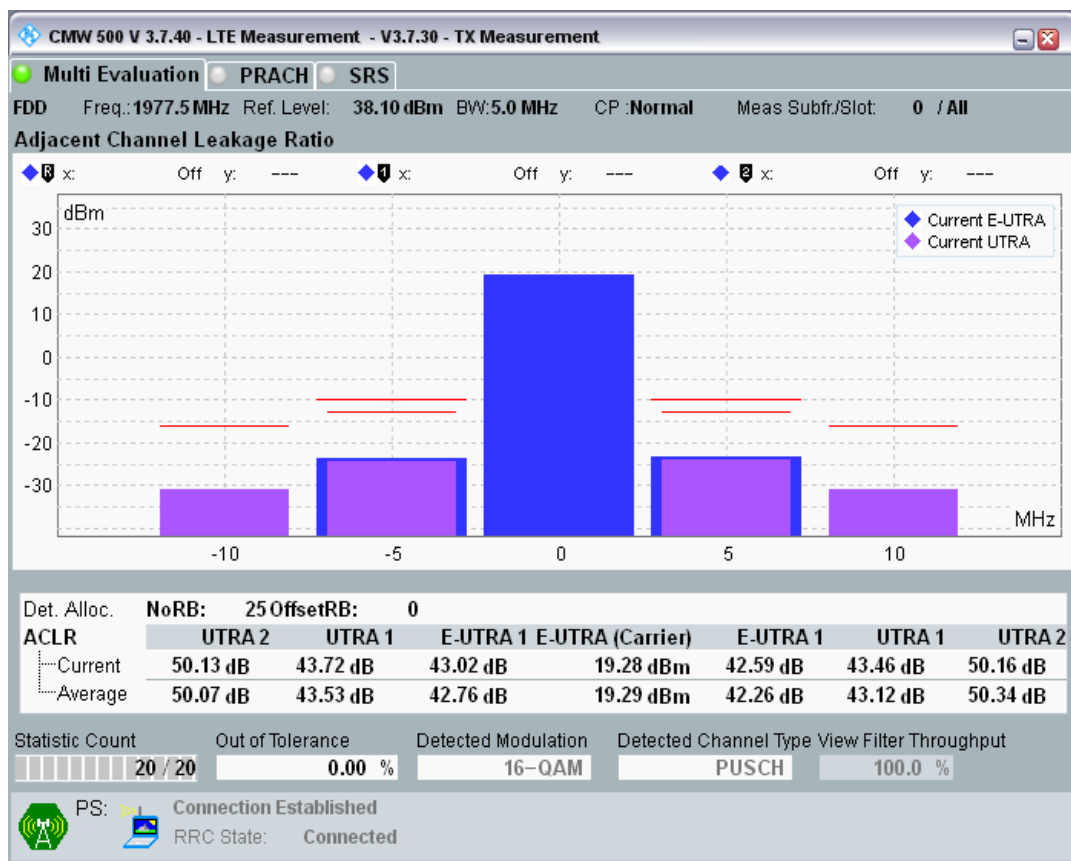
Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#0.png



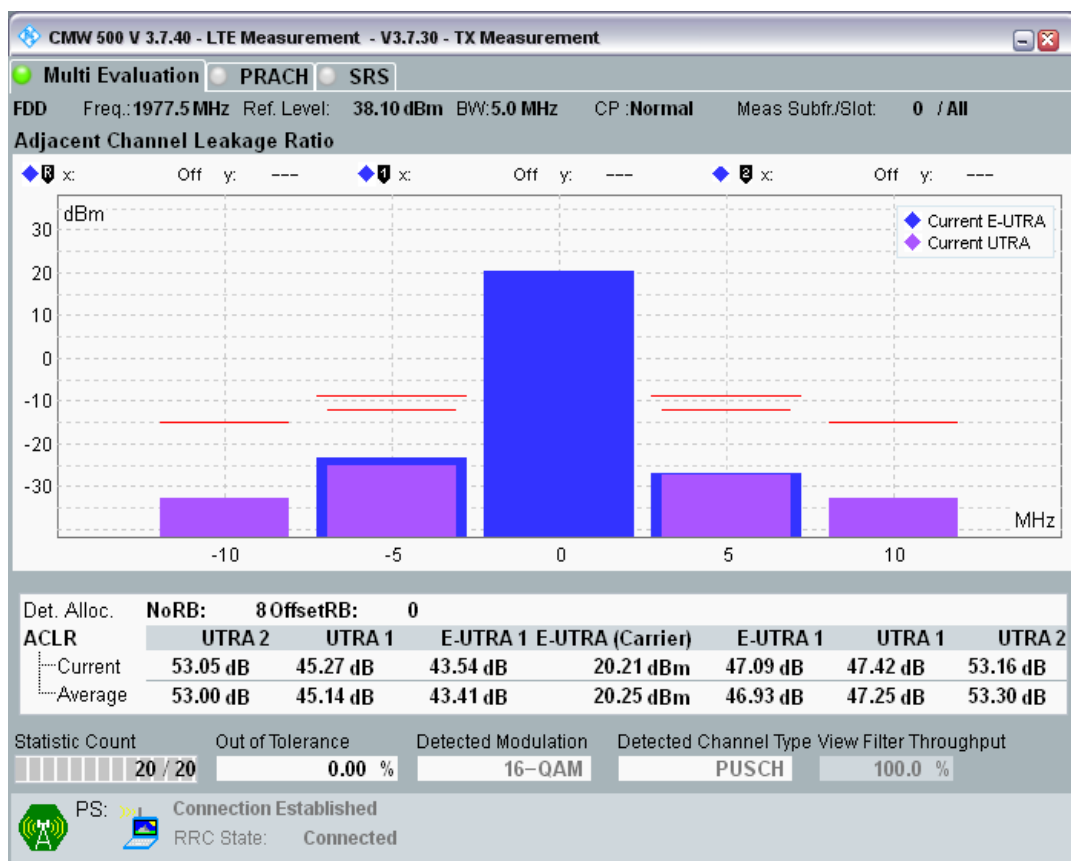
Band1 QAM16 BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



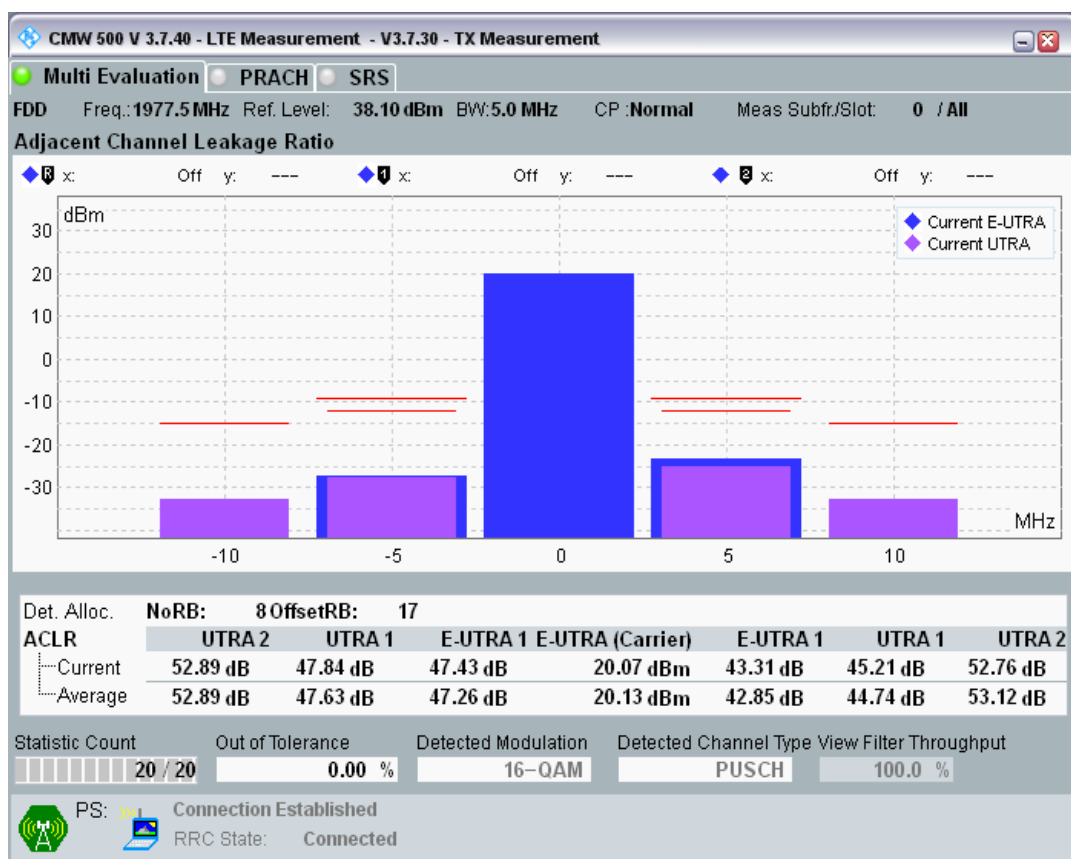
Band1 QAM16 BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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



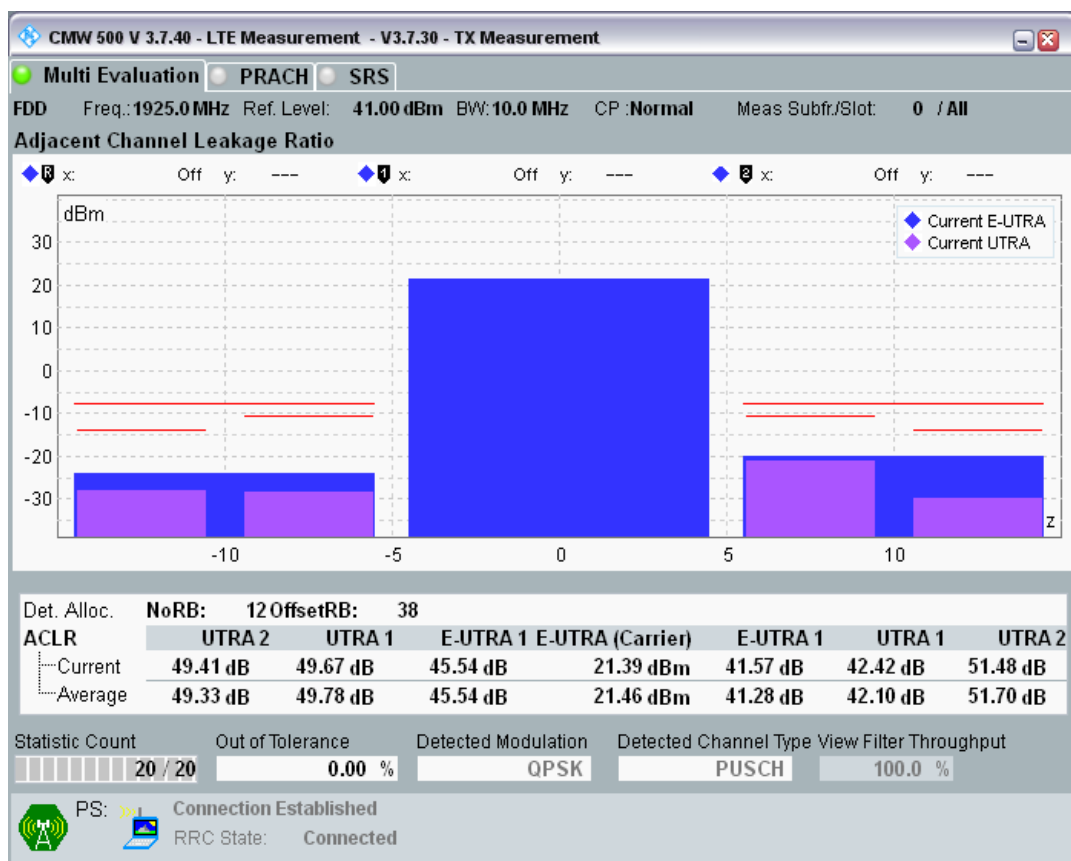
Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#Max.png



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



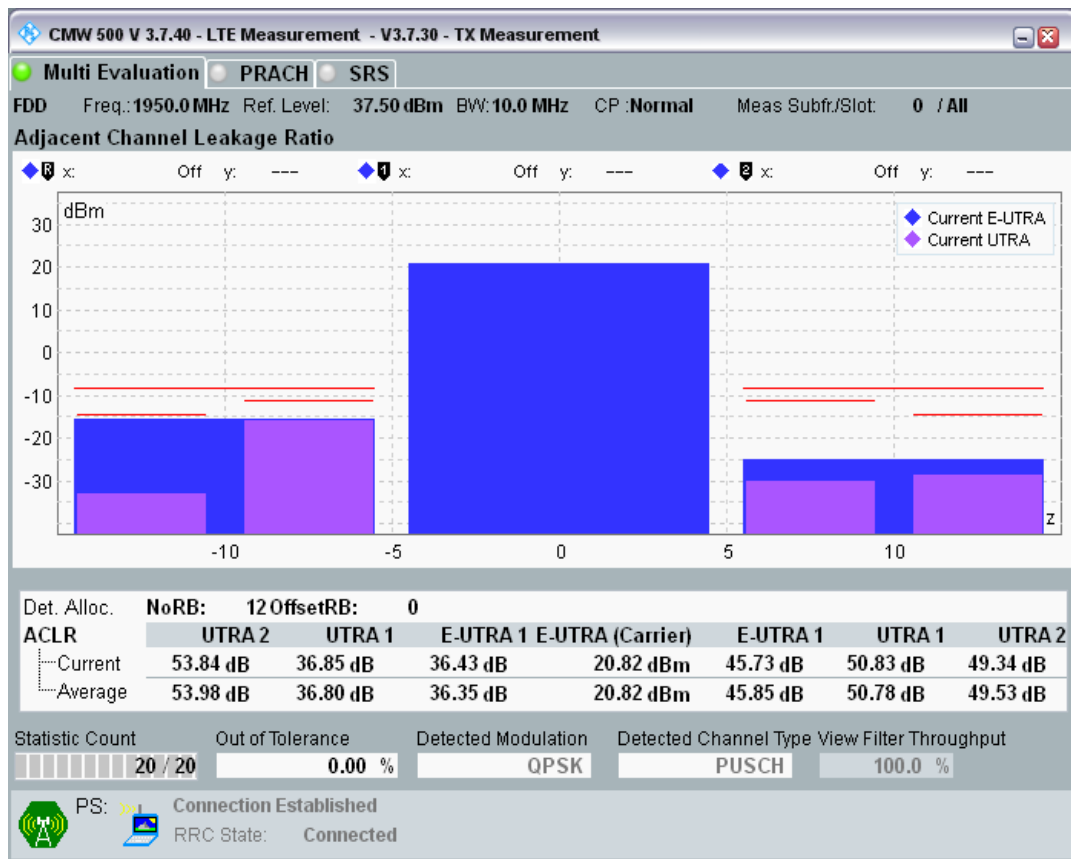
Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#Max.png



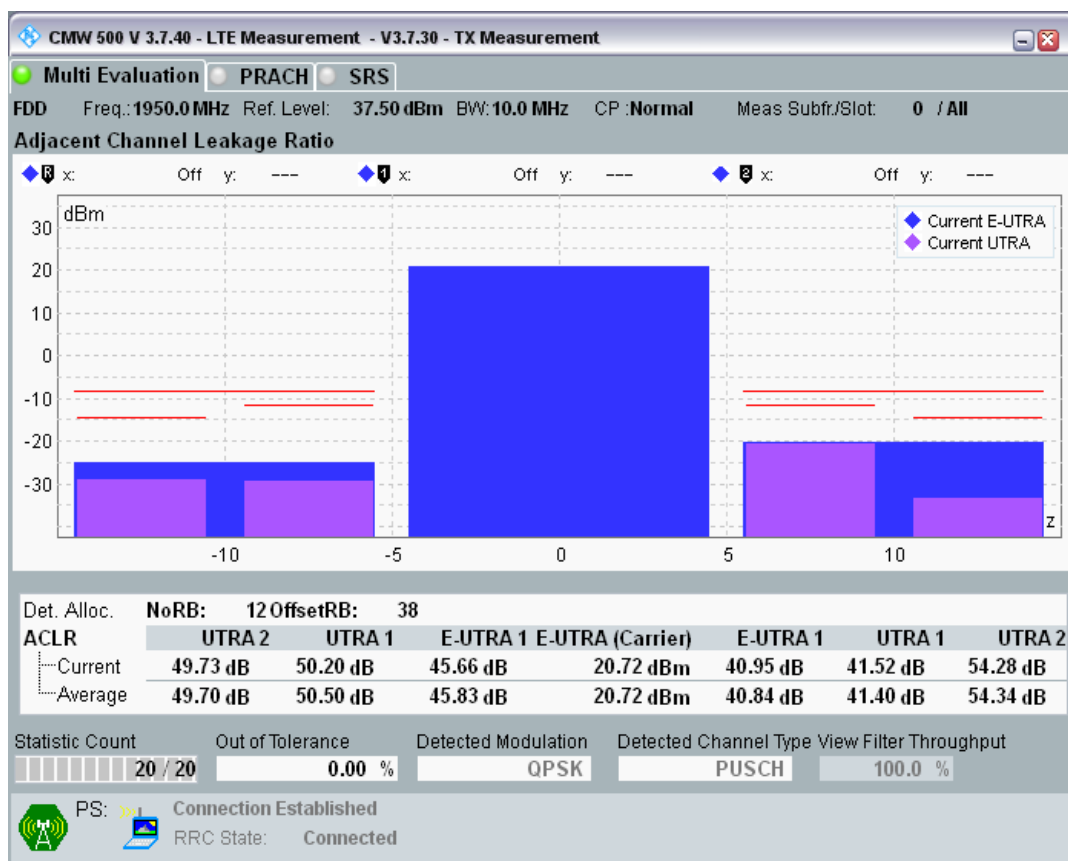
Band1 QPSK BW=10MHz Channel=18050 RB Size=50 Position=#0.png



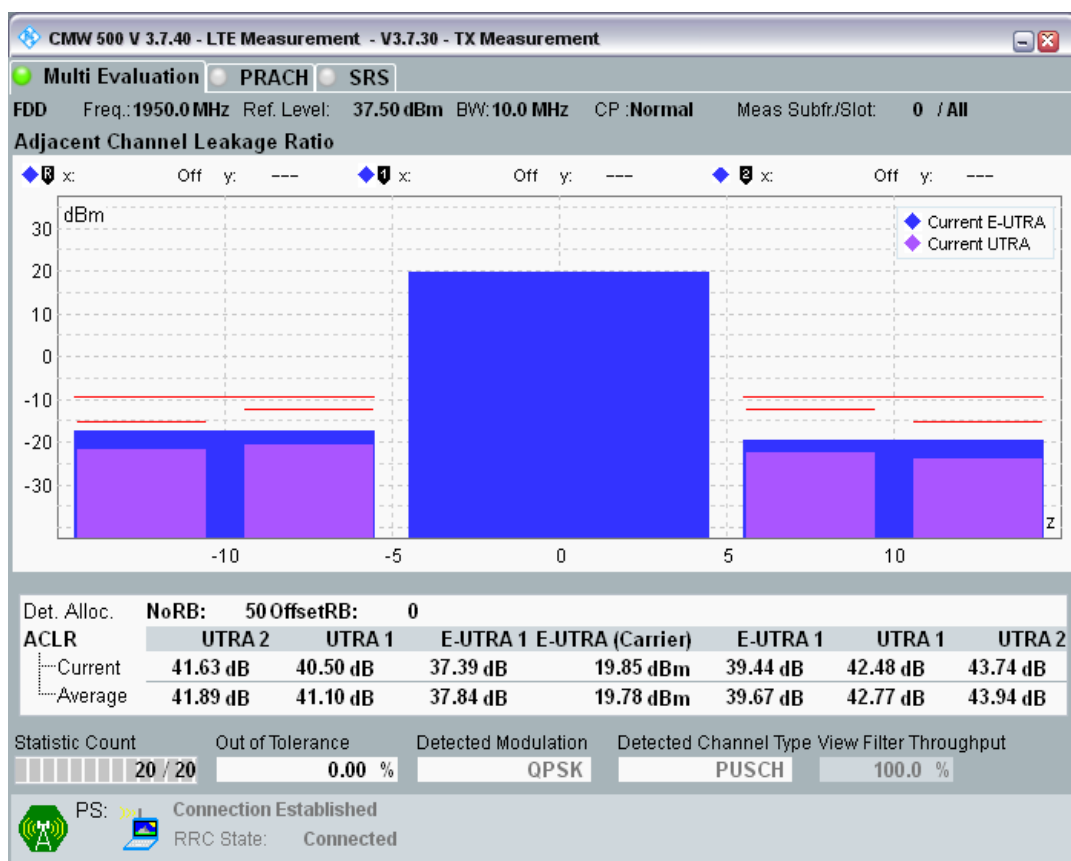
Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#0.png



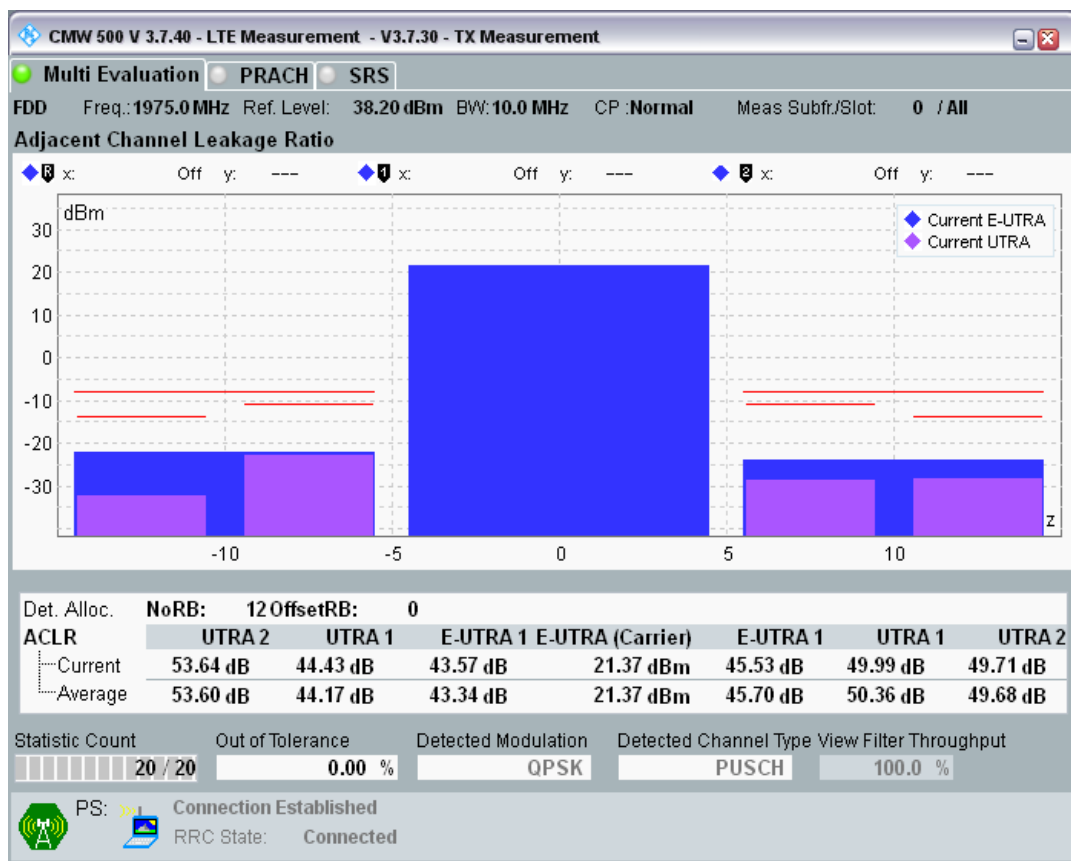
Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



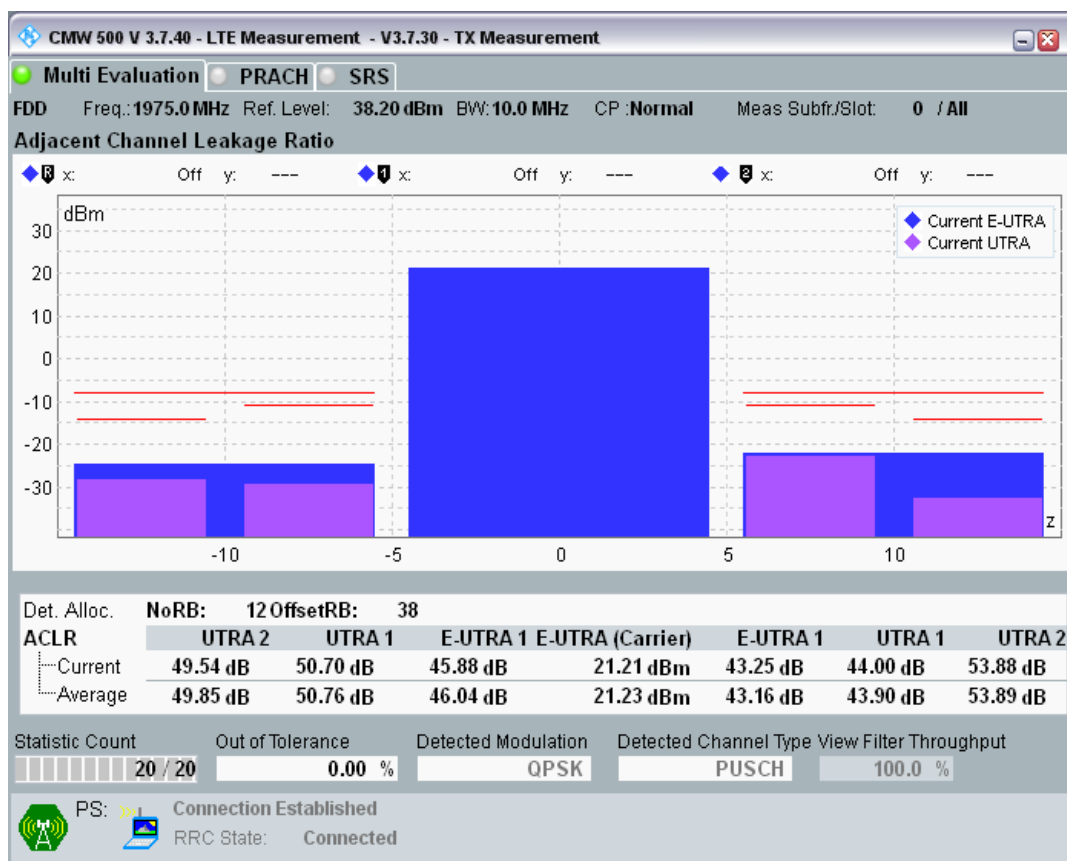
Band1 QPSK BW=10MHz Channel=18300 RB Size=50 Position=#0.png



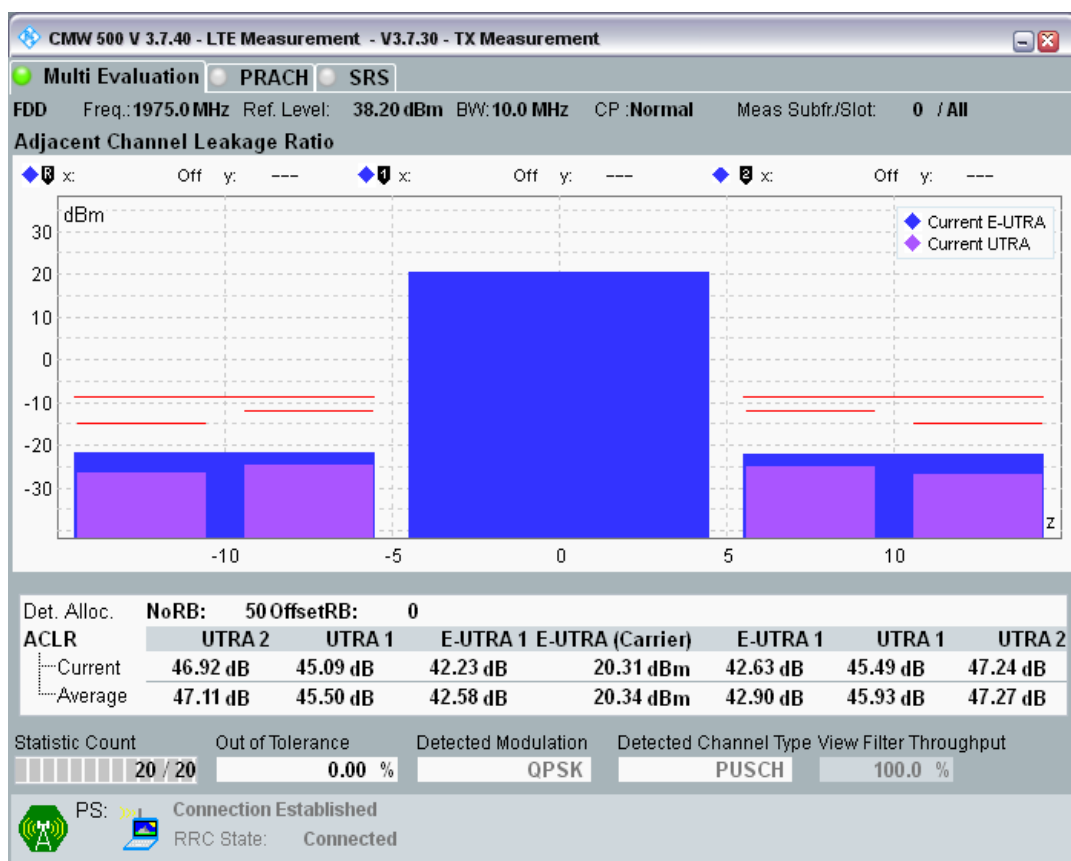
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



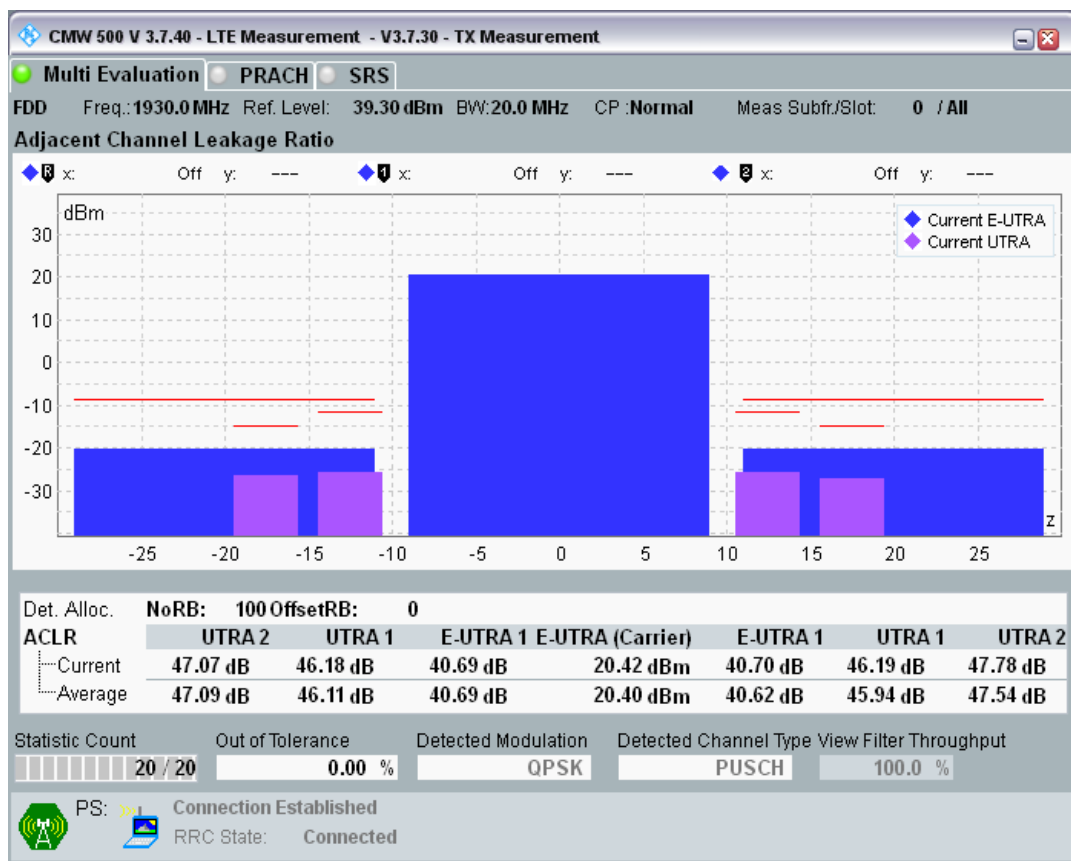
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#Max.png



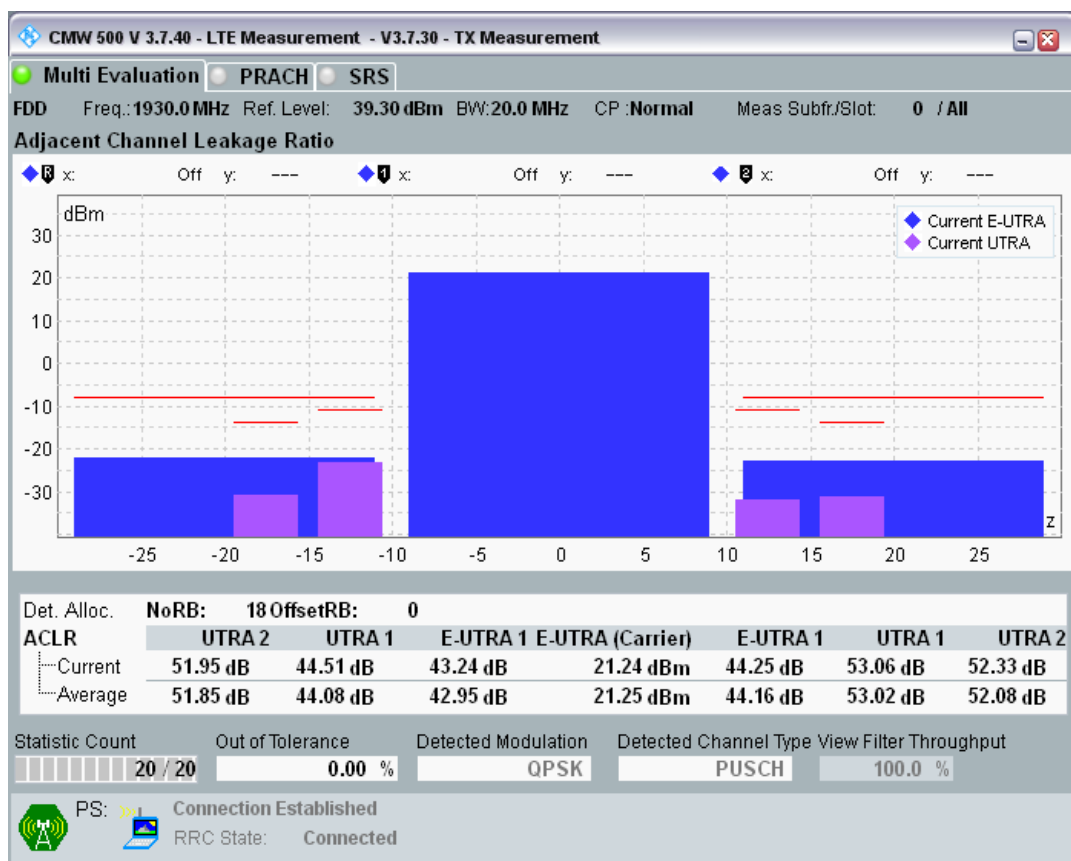
Band1 QPSK BW=10MHz Channel=18550 RB Size=50 Position=#0.png



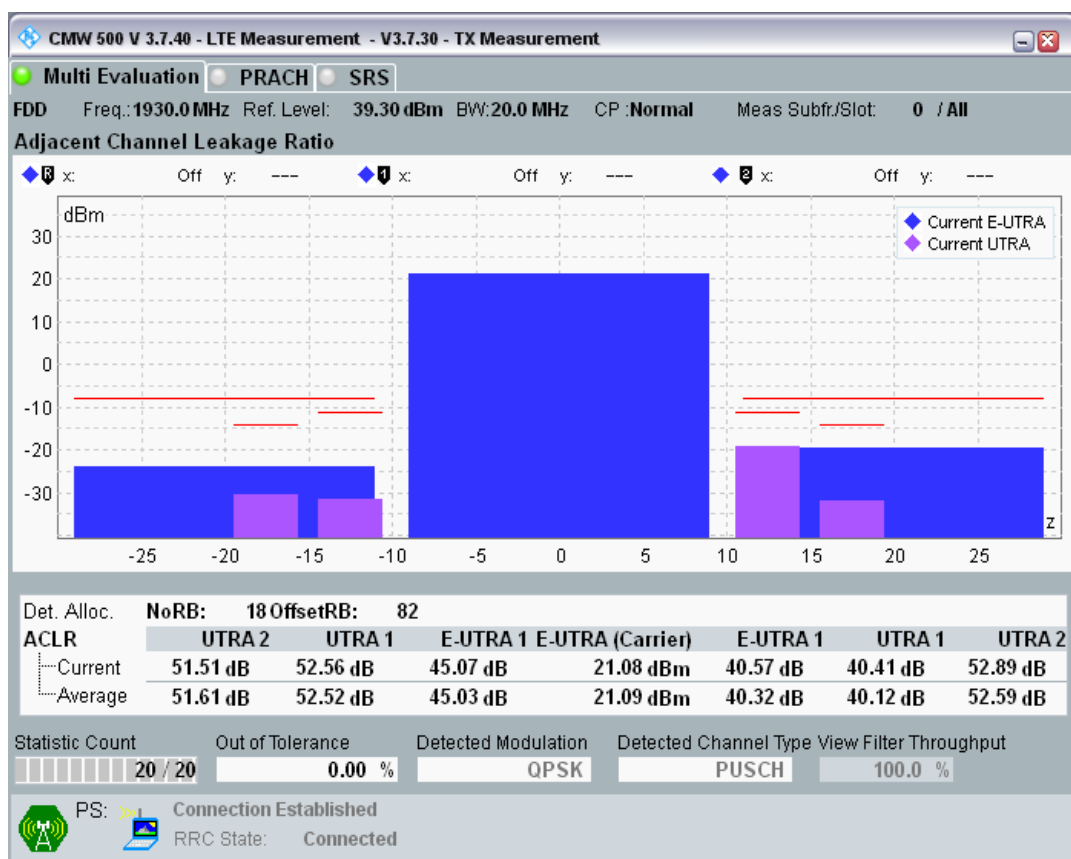
Band1 QPSK BW=20MHz Channel=18100 RB Size=100 Position=#0.png



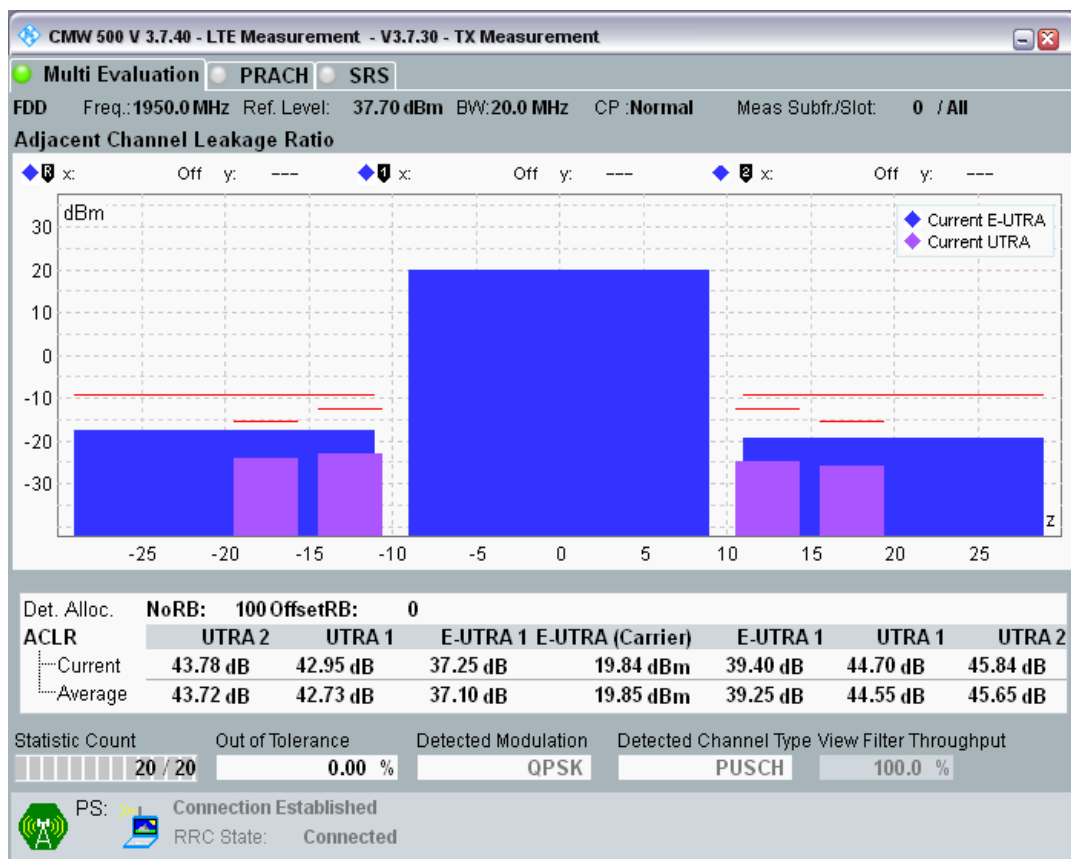
Band1 QPSK BW=20MHz Channel=18100 RB Size=18 Position=#0.png



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



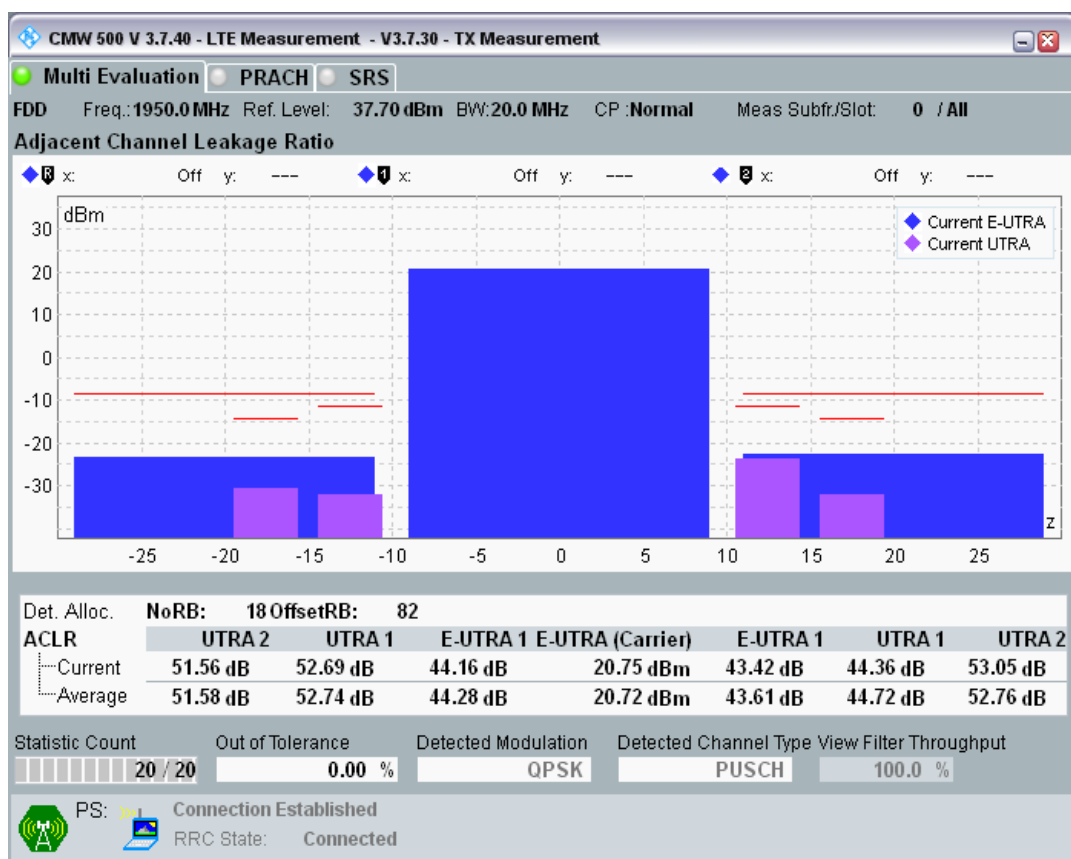
Band1 QPSK BW=20MHz Channel=18300 RB Size=100 Position=#0.png



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



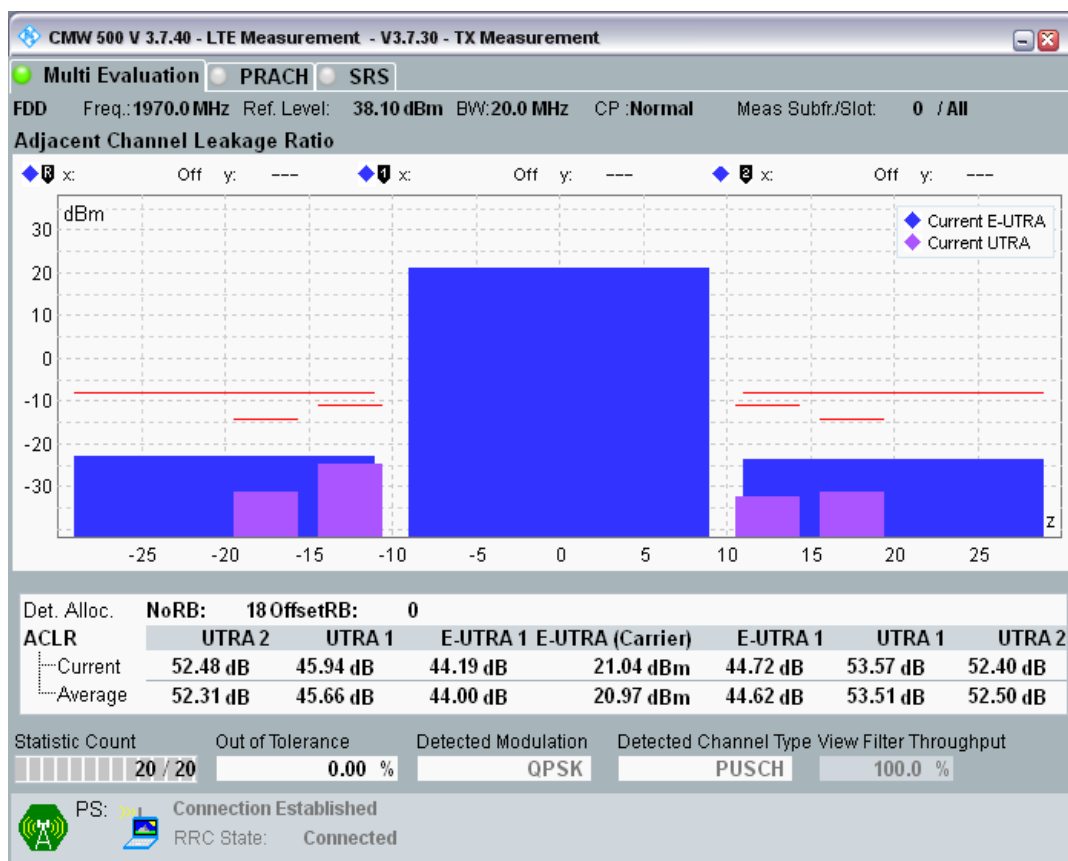
Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#Max.png



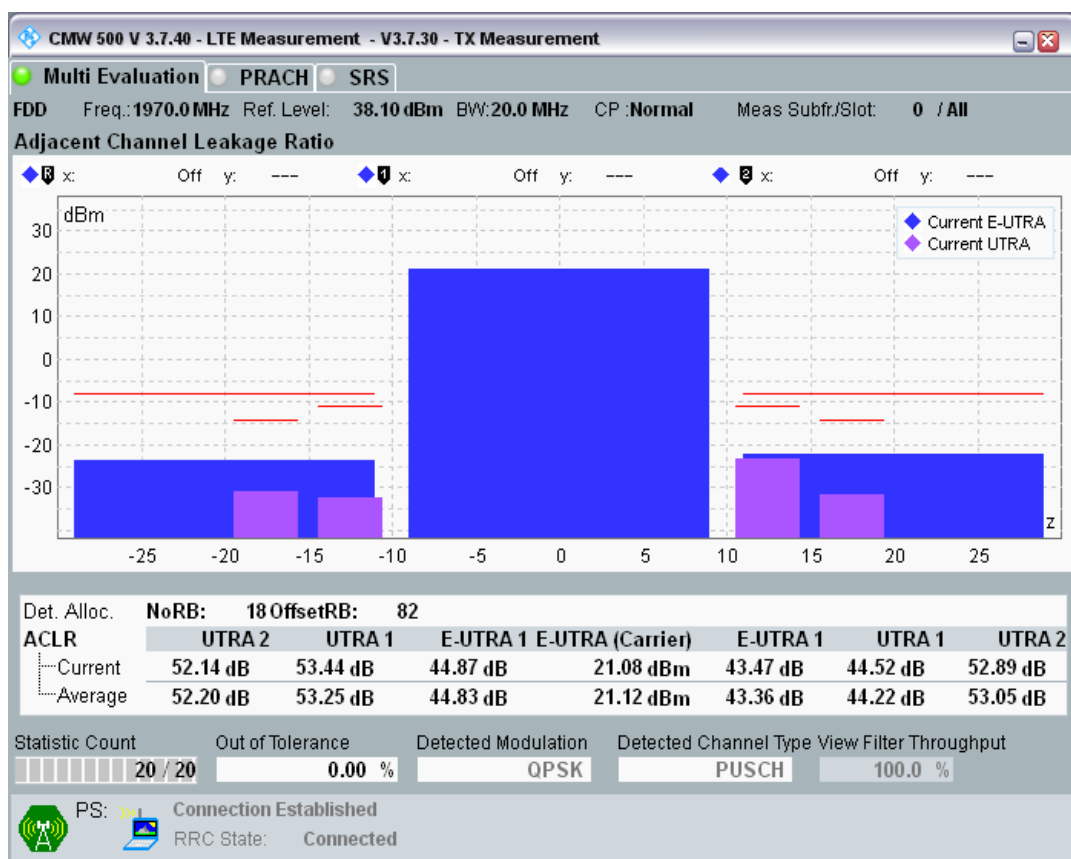
Band1 QPSK BW=20MHz Channel=18500 RB Size=100 Position=#0.png



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



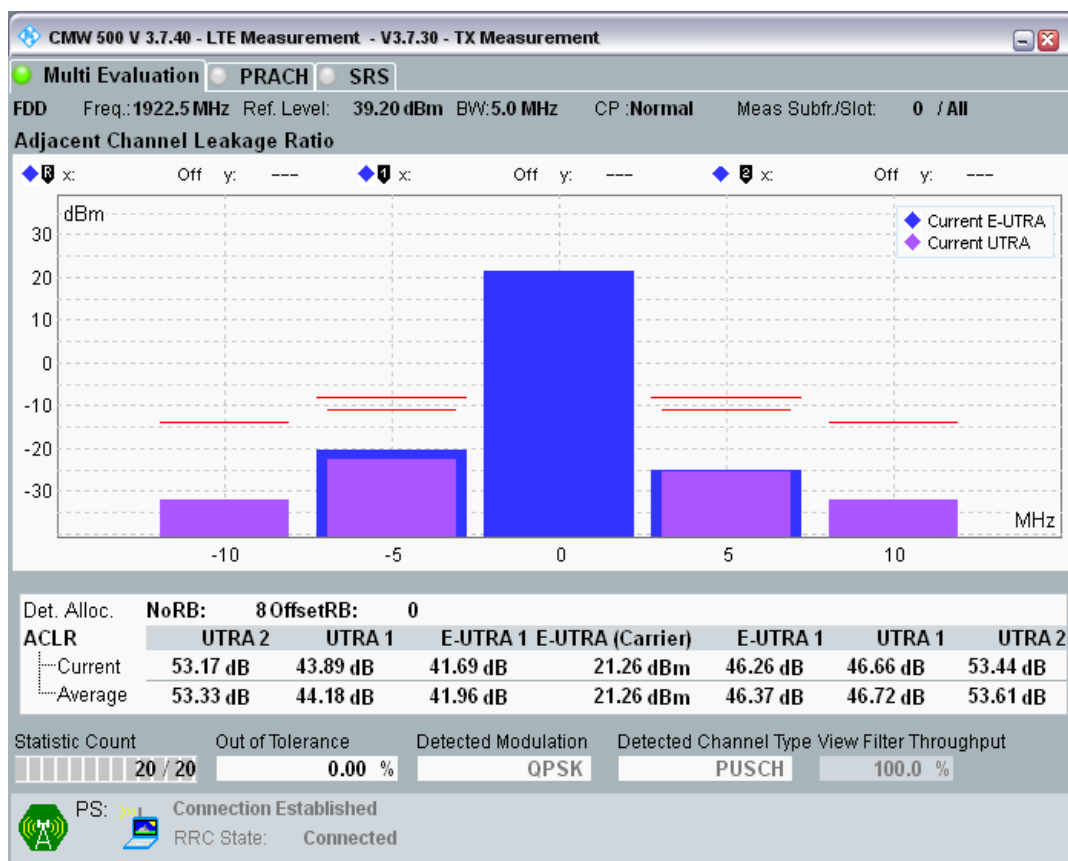
Band1 QPSK BW=20MHz Channel=18500 RB Size=18 Position=#Max.png



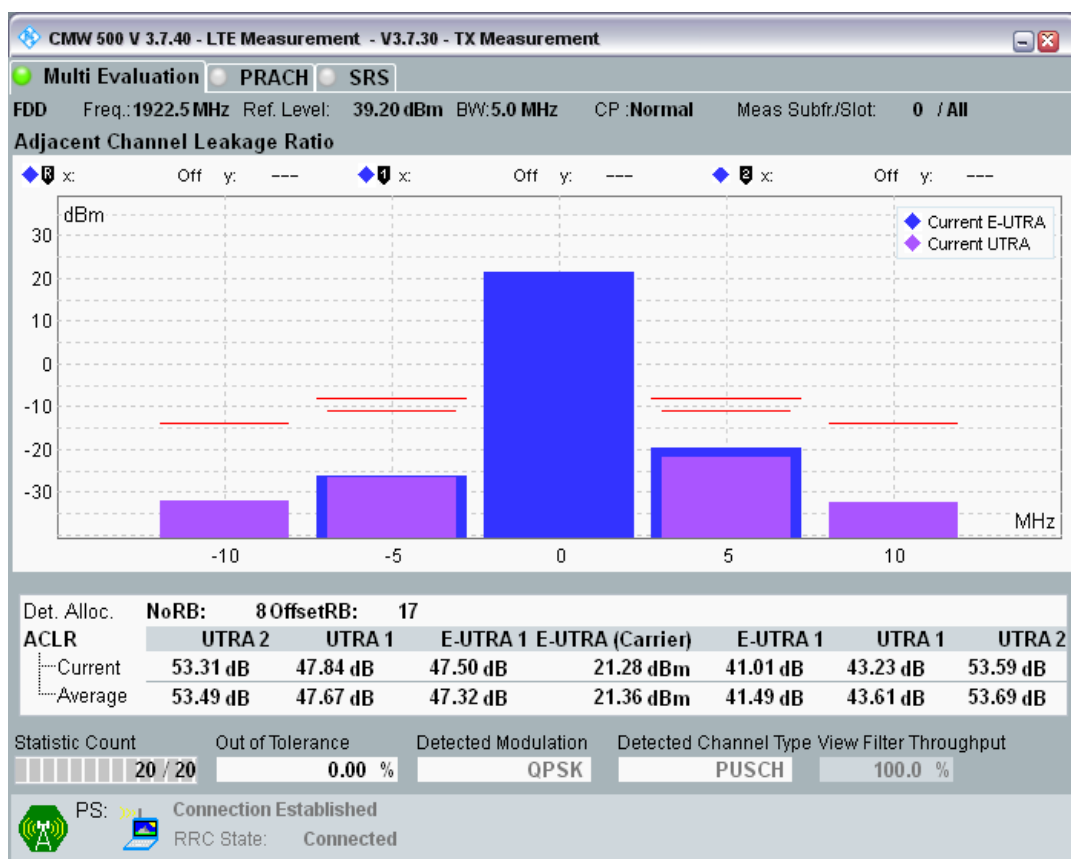
Band1 QPSK BW=5MHz Channel=18025 RB Size=25 Position=#0.png



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



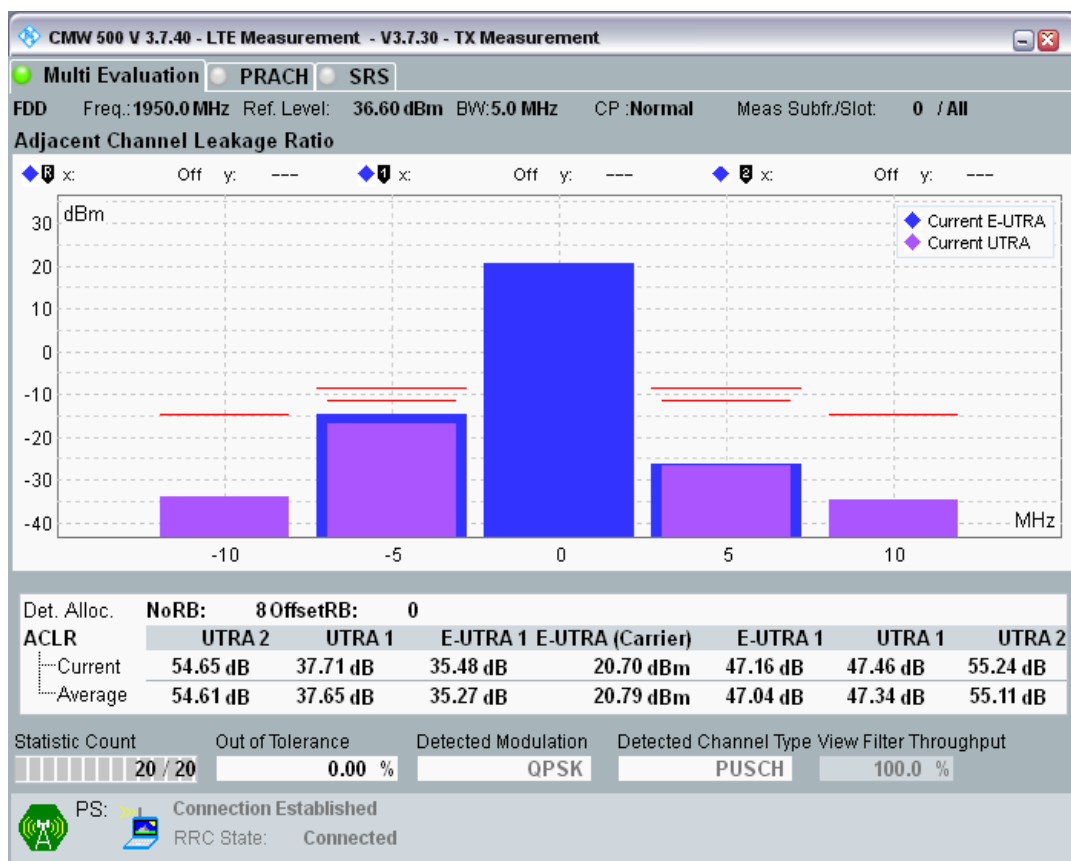
Band1 QPSK BW=5MHz Channel=18025 RB Size=8 Position=#Max.png



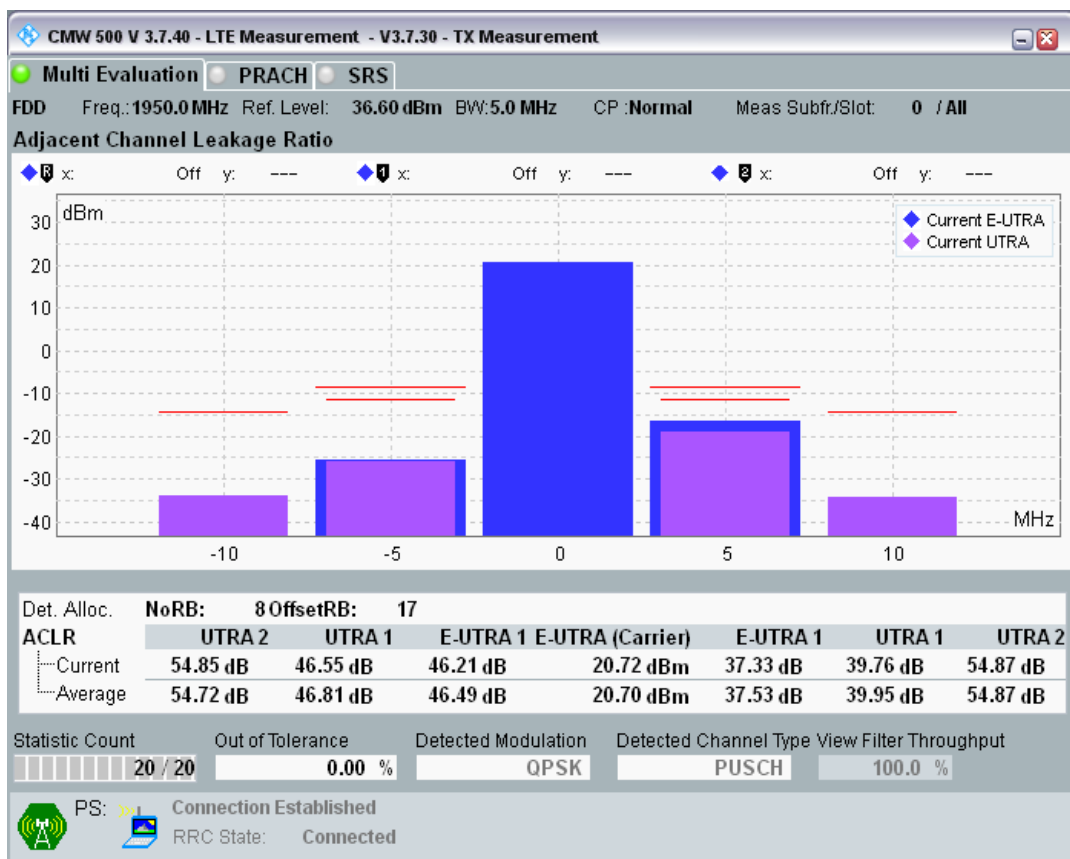
Band1 QPSK BW=5MHz Channel=18300 RB Size=25 Position=#0.png



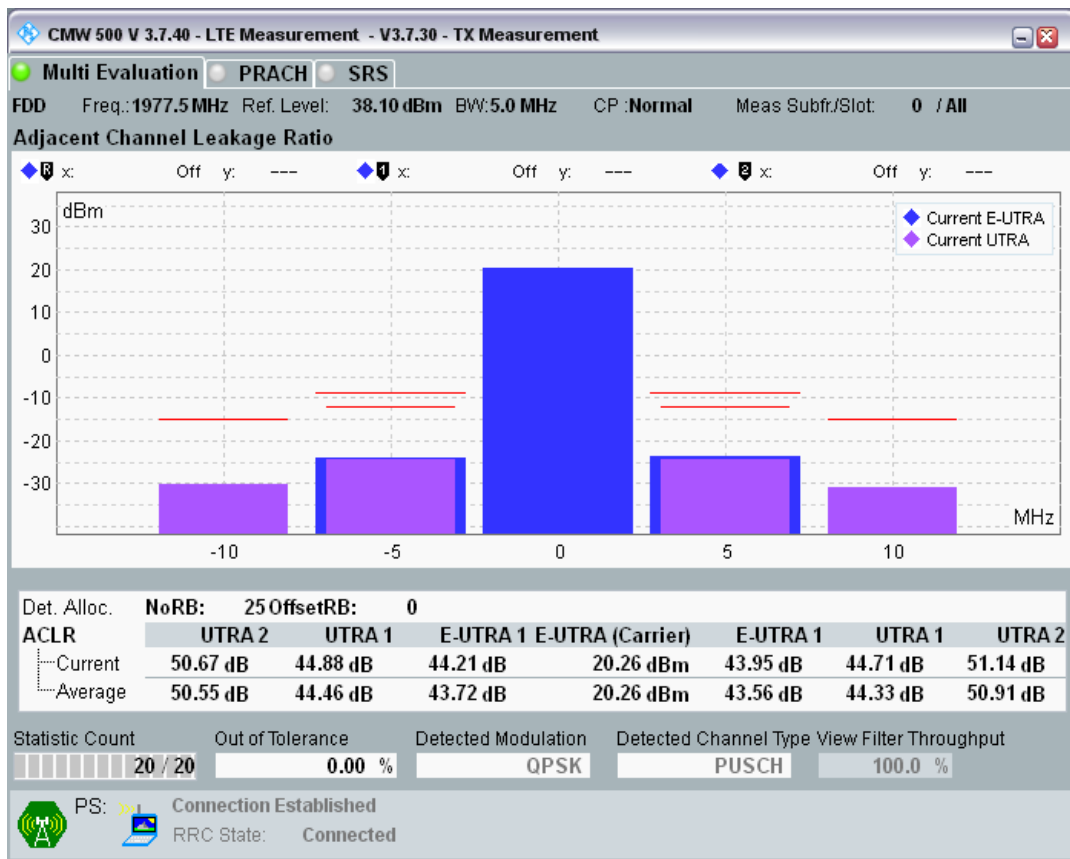
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#0.png



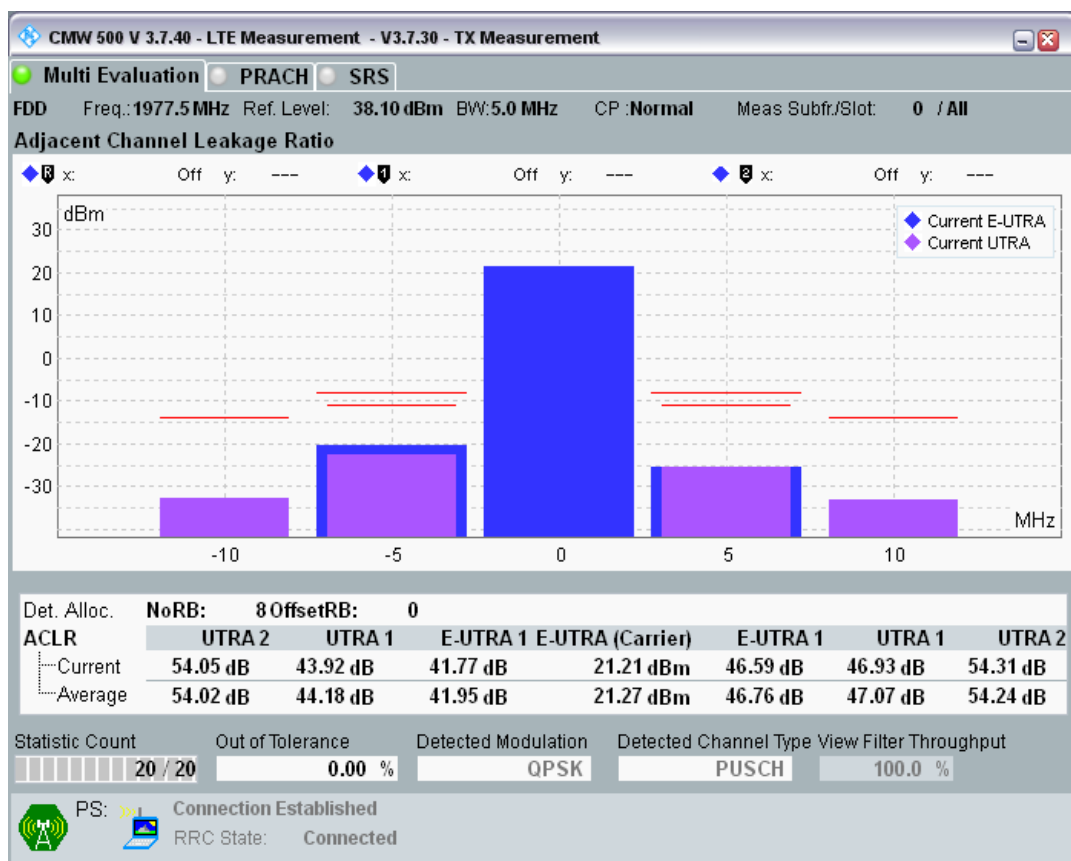
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



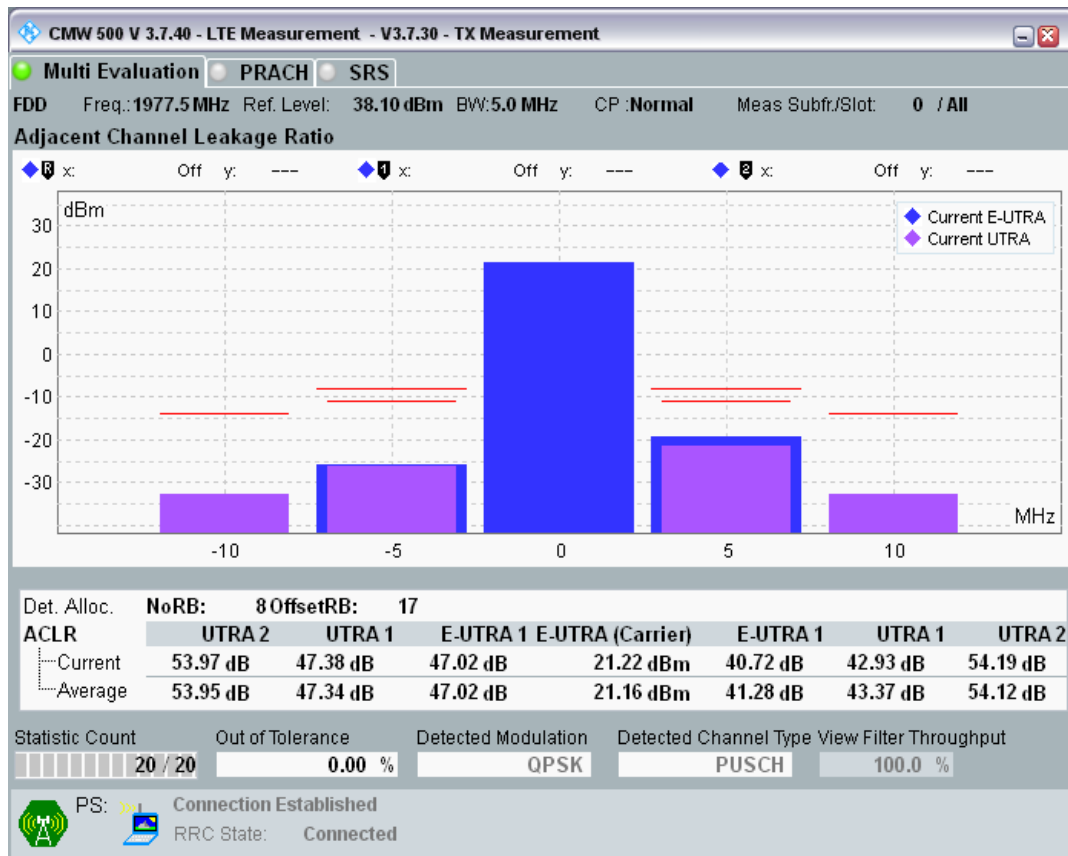
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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



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



Clause 4.2.12 LTE Receiver Reference Sensitivity Level

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
3	1.4	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