

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

Test Data

Clause 4.2.2 LTE Transmitter maximum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Low (dBm)	Limit	high (dBm)	Limit	Verdict
7	5	20775	1	#0	QPSK	23.94	20.3		25.7		PASS
7	5	20775	1	#Max	QPSK	23.70	20.3		25.7		PASS
7	5	20775	8	#0	QPSK	24.03	20.3		25.7		PASS
7	5	20775	8	#Max	QPSK	23.90	20.3		25.7		PASS
7	5	21100	1	#0	QPSK	24.13	20.3		25.7		PASS
7	5	21100	1	#Max	QPSK	24.11	20.3		25.7		PASS
7	5	21100	8	#0	QPSK	24.23	20.3		25.7		PASS
7	5	21100	8	#Max	QPSK	24.21	20.3		25.7		PASS
7	5	21425	1	#0	QPSK	24.05	20.3		25.7		PASS
7	5	21425	1	#Max	QPSK	24.18	20.3		25.7		PASS
7	5	21425	8	#0	QPSK	24.16	20.3		25.7		PASS
7	5	21425	8	#Max	QPSK	24.20	20.3		25.7		PASS
7	20	20850	1	#0	QPSK	23.84	20.3		25.7		PASS
7	20	20850	1	#Max	QPSK	23.53	20.3		25.7		PASS
7	20	20850	18	#0	QPSK	23.86	20.3		25.7		PASS
7	20	20850	18	#Max	QPSK	23.61	20.3		25.7		PASS
7	20	21100	1	#0	QPSK	23.88	20.3		25.7		PASS
7	20	21100	1	#Max	QPSK	23.93	20.3		25.7		PASS
7	20	21100	18	#0	QPSK	23.97	20.3		25.7		PASS
7	20	21100	18	#Max	QPSK	24.00	20.3		25.7		PASS
7	20	21350	1	#0	QPSK	23.66	20.3		25.7		PASS
7	20	21350	1	#Max	QPSK	23.95	20.3		25.7		PASS
7	20	21350	18	#0	QPSK	23.76	20.3		25.7		PASS
7	20	21350	18	#Max	QPSK	24.01	20.3		25.7		PASS
1	5	18025	1	#0	QPSK	24.23	20.3		25.7		PASS
1	5	18025	1	#Max	QPSK	24.20	20.3		25.7		PASS
1	5	18025	8	#0	QPSK	24.27	20.3		25.7		PASS
1	5	18025	8	#Max	QPSK	24.28	20.3		25.7		PASS
1	5	18300	1	#0	QPSK	24.02	20.3		25.7		PASS
1	5	18300	1	#Max	QPSK	23.95	20.3		25.7		PASS
1	5	18300	8	#0	QPSK	24.06	20.3		25.7		PASS
1	5	18300	8	#Max	QPSK	24.09	20.3		25.7		PASS
1	5	18575	1	#0	QPSK	23.98	20.3		25.7		PASS
1	5	18575	1	#Max	QPSK	23.83	20.3		25.7		PASS

1	5	18575	8	#0	QPSK	24.04	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	23.84	20.3	25.7	PASS
1	20	18100	1	#0	QPSK	24.04	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	24.04	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	24.20	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	24.13	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	24.16	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	23.82	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	24.18	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	23.88	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	23.76	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	24.13	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	23.93	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	24.20	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.84	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.82	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.89	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.85	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	23.89	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	23.84	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	24.01	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	24.05	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	24.34	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	24.38	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	24.33	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	24.40	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.70	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.57	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.73	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.66	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	23.97	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	23.87	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	24.02	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	23.85	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	24.09	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	24.22	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	24.28	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	24.29	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	24.77	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	24.35	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.71	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	24.50	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	24.10	20.3	25.7	PASS

8	10	21625	1	#Max	QPSK	23.95	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	24.09	20.3	25.7	PASS
8	10	21625	12	#Max	QPSK	23.93	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	24.02	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	24.44	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	24.00	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	24.34	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.22	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.09	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.19	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.15	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	23.85	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	23.73	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	23.88	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	23.78	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	23.66	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	23.67	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	23.83	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	23.76	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	24.05	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	23.73	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.08	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	23.76	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	23.81	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	23.62	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	23.83	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	23.71	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	23.67	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	23.60	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	23.72	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	23.64	20.3	25.7	PASS
3	1.4	19207	1	#0	QPSK	22.30	20.3	25.7	PASS
3	1.4	19207	1	#Max	QPSK	22.27	20.3	25.7	PASS
3	1.4	19207	5	#0	QPSK	22.25	20.3	25.7	PASS
3	1.4	19207	5	#Max	QPSK	22.30	20.3	25.7	PASS
3	1.4	19575	1	#0	QPSK	22.22	20.3	25.7	PASS
3	1.4	19575	1	#Max	QPSK	22.20	20.3	25.7	PASS
3	1.4	19575	5	#0	QPSK	22.28	20.3	25.7	PASS
3	1.4	19575	5	#Max	QPSK	22.30	20.3	25.7	PASS
3	1.4	19943	1	#0	QPSK	22.04	20.3	25.7	PASS
3	1.4	19943	1	#Max	QPSK	22.03	20.3	25.7	PASS
3	1.4	19943	5	#0	QPSK	22.06	20.3	25.7	PASS
3	1.4	19943	5	#Max	QPSK	22.07	20.3	25.7	PASS

3	5	19225	1	#0	QPSK	22.08	20.3	25.7	PASS
3	5	19225	1	#Max	QPSK	22.01	20.3	25.7	PASS
3	5	19225	8	#0	QPSK	22.19	20.3	25.7	PASS
3	5	19225	8	#Max	QPSK	22.16	20.3	25.7	PASS
3	5	19575	1	#0	QPSK	22.19	20.3	25.7	PASS
3	5	19575	1	#Max	QPSK	22.10	20.3	25.7	PASS
3	5	19575	8	#0	QPSK	22.23	20.3	25.7	PASS
3	5	19575	8	#Max	QPSK	22.13	20.3	25.7	PASS
3	5	19925	1	#0	QPSK	21.85	20.3	25.7	PASS
3	5	19925	1	#Max	QPSK	21.91	20.3	25.7	PASS
3	5	19925	8	#0	QPSK	22.02	20.3	25.7	PASS
3	5	19925	8	#Max	QPSK	21.95	20.3	25.7	PASS
3	20	19300	1	#0	QPSK	22.00	20.3	25.7	PASS
3	20	19300	1	#Max	QPSK	21.91	20.3	25.7	PASS
3	20	19300	18	#0	QPSK	22.14	20.3	25.7	PASS
3	20	19300	18	#Max	QPSK	22.09	20.3	25.7	PASS
3	20	19575	1	#0	QPSK	22.25	20.3	25.7	PASS
3	20	19575	1	#Max	QPSK	21.77	20.3	25.7	PASS
3	20	19575	18	#0	QPSK	22.27	20.3	25.7	PASS
3	20	19575	18	#Max	QPSK	21.86	20.3	25.7	PASS
3	20	19850	1	#0	QPSK	21.29	20.3	25.7	PASS
3	20	19850	1	#Max	QPSK	21.81	20.3	25.7	PASS
3	20	19850	18	#0	QPSK	21.43	20.3	25.7	PASS
3	20	19850	18	#Max	QPSK	21.78	20.3	25.7	PASS

Clause 4.2.5 LTE Transmitter minimum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Limit (dBm)	Verdict
3	1.4	19207	6	#0	QPSK	-50.16	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.27	-39	PASS
3	1.4	19943	6	#0	QPSK	-50.12	-39	PASS
3	5	19225	25	#0	QPSK	-49.94	-39	PASS
3	5	19575	25	#0	QPSK	-49.05	-39	PASS
3	5	19925	25	#0	QPSK	-49.77	-39	PASS
3	20	19300	100	#0	QPSK	-49.40	-39	PASS
3	20	19575	100	#0	QPSK	-48.76	-39	PASS
3	20	19850	100	#0	QPSK	-49.32	-39	PASS
7	5	20775	25	#0	QPSK	-50.23	-39	PASS
7	5	21100	25	#0	QPSK	-49.61	-39	PASS
7	5	21425	25	#0	QPSK	-49.24	-39	PASS
7	20	20850	100	#0	QPSK	-48.84	-39	PASS
7	20	21100	100	#0	QPSK	-48.79	-39	PASS
7	20	21350	100	#0	QPSK	-48.60	-39	PASS
8	1.4	21457	6	#0	QPSK	-49.81	-39	PASS

8	1.4	21625	6	#0	QPSK	-49.95	-39	PASS
8	1.4	21793	6	#0	QPSK	-49.89	-39	PASS
8	5	21475	25	#0	QPSK	-49.69	-39	PASS
8	5	21625	25	#0	QPSK	-49.67	-39	PASS
8	5	21775	25	#0	QPSK	-49.67	-39	PASS
8	10	21500	50	#0	QPSK	-49.56	-39	PASS
8	10	21625	50	#0	QPSK	-49.42	-39	PASS
8	10	21750	50	#0	QPSK	-49.24	-39	PASS
20	5	24175	25	#0	QPSK	-50.14	-39	PASS
20	5	24300	25	#0	QPSK	-49.84	-39	PASS
20	5	24425	25	#0	QPSK	-49.98	-39	PASS
20	20	24250	100	#0	QPSK	-49.88	-39	PASS
20	20	24300	100	#0	QPSK	-49.34	-39	PASS
20	20	24350	100	#0	QPSK	-49.29	-39	PASS
1	5	18025	25	#0	QPSK	-49.57	-39	PASS
1	5	18300	25	#0	QPSK	-48.80	-39	PASS
1	5	18575	25	#0	QPSK	-48.77	-39	PASS
1	20	18100	100	#0	QPSK	-48.34	-39	PASS
1	20	18300	100	#0	QPSK	-48.17	-39	PASS
1	20	18500	100	#0	QPSK	-48.07	-39	PASS

Clause 4.2.11 LTE Transmitter adjacent channel leakage power ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Type	ACLR (dBc)	Limit (dBc)	Verdict
3	1.4	19207	5	#0	QPSK		42.04	32.2	PASS
3	1.4	19207	5	#0	QPSK		37.10	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		39.29	29.2	PASS
3	1.4	19207	5	#0	QPSK		44.71	32.2	PASS
3	1.4	19207	5	#Max	QPSK		44.42	32.2	PASS
3	1.4	19207	5	#Max	QPSK		39.01	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		36.80	29.2	PASS
3	1.4	19207	5	#Max	QPSK		42.01	32.2	PASS
3	1.4	19207	6	#0	QPSK		43.96	32.2	PASS
3	1.4	19207	6	#0	QPSK		41.47	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		41.19	29.2	PASS
3	1.4	19207	6	#0	QPSK		43.78	32.2	PASS
3	1.4	19207	5	#0	QAM16		44.36	32.2	PASS
3	1.4	19207	5	#0	QAM16		39.90	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		41.80	29.2	PASS
3	1.4	19207	5	#0	QAM16		46.25	32.2	PASS

3	1.4	19207	5	#Max	QAM16		46.49	32.2	PASS
3	1.4	19207	5	#Max	QAM16		41.98	29.2	PASS
3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		39.68	29.2	PASS
3	1.4	19207	5	#Max	QAM16		44.29	32.2	PASS
3	1.4	19207	6	#0	QAM16		45.39	32.2	PASS
3	1.4	19207	6	#0	QAM16		43.22	29.2	PASS
3	1.4	19207	6	#0	QAM16		0.00	0	PASS
3	1.4	19207	6	#0	QAM16		42.78	29.2	PASS
3	1.4	19207	6	#0	QAM16		45.04	32.2	PASS
3	1.4	19575	5	#0	QPSK		45.64	32.2	PASS
3	1.4	19575	5	#0	QPSK		41.84	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		43.45	29.2	PASS
3	1.4	19575	5	#0	QPSK		47.49	32.2	PASS
3	1.4	19575	5	#Max	QPSK		47.40	32.2	PASS
3	1.4	19575	5	#Max	QPSK		43.47	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		41.58	29.2	PASS
3	1.4	19575	5	#Max	QPSK		45.58	32.2	PASS
3	1.4	19575	6	#0	QPSK		48.25	32.2	PASS
3	1.4	19575	6	#0	QPSK		47.58	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		47.47	29.2	PASS
3	1.4	19575	6	#0	QPSK		48.40	32.2	PASS
3	1.4	19575	5	#0	QAM16		47.03	32.2	PASS
3	1.4	19575	5	#0	QAM16		43.87	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		45.47	29.2	PASS
3	1.4	19575	5	#0	QAM16		48.68	32.2	PASS
3	1.4	19575	5	#Max	QAM16		48.40	32.2	PASS
3	1.4	19575	5	#Max	QAM16		45.46	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		43.66	29.2	PASS
3	1.4	19575	5	#Max	QAM16		47.17	32.2	PASS
3	1.4	19575	6	#0	QAM16		47.84	32.2	PASS
3	1.4	19575	6	#0	QAM16		46.81	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		46.72	29.2	PASS
3	1.4	19575	6	#0	QAM16		47.99	32.2	PASS
3	1.4	19943	5	#0	QPSK		41.58	32.2	PASS
3	1.4	19943	5	#0	QPSK		35.47	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS

3	1.4	19943	5	#0	QPSK		39.12	29.2	PASS
3	1.4	19943	5	#0	QPSK		45.12	32.2	PASS
3	1.4	19943	5	#Max	QPSK		44.09	32.2	PASS
3	1.4	19943	5	#Max	QPSK		38.31	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		35.73	29.2	PASS
3	1.4	19943	5	#Max	QPSK		42.26	32.2	PASS
3	1.4	19943	6	#0	QPSK		43.29	32.2	PASS
3	1.4	19943	6	#0	QPSK		39.50	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		40.11	29.2	PASS
3	1.4	19943	6	#0	QPSK		43.98	32.2	PASS
3	1.4	19943	5	#0	QAM16		42.78	32.2	PASS
3	1.4	19943	5	#0	QAM16		37.07	29.2	PASS
3	1.4	19943	5	#0	QAM16		0.00	0	PASS
3	1.4	19943	5	#0	QAM16		39.87	29.2	PASS
3	1.4	19943	5	#0	QAM16		45.63	32.2	PASS
3	1.4	19943	5	#Max	QAM16		45.22	32.2	PASS
3	1.4	19943	5	#Max	QAM16		40.01	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		37.12	29.2	PASS
3	1.4	19943	5	#Max	QAM16		43.03	32.2	PASS
3	1.4	19943	6	#0	QAM16		45.32	32.2	PASS
3	1.4	19943	6	#0	QAM16		42.79	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		43.15	29.2	PASS
3	1.4	19943	6	#0	QAM16		45.82	32.2	PASS
3	5	19225	8	#0	QPSK		52.34	35.2	PASS
3	5	19225	8	#0	QPSK		41.27	32.2	PASS
3	5	19225	8	#0	QPSK		39.15	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		46.72	29.2	PASS
3	5	19225	8	#0	QPSK		47.14	32.2	PASS
3	5	19225	8	#0	QPSK		52.78	35.2	PASS
3	5	19225	8	#Max	QPSK		52.33	35.2	PASS
3	5	19225	8	#Max	QPSK		46.98	32.2	PASS
3	5	19225	8	#Max	QPSK		46.57	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		37.84	29.2	PASS
3	5	19225	8	#Max	QPSK		40.17	32.2	PASS
3	5	19225	8	#Max	QPSK		52.59	35.2	PASS
3	5	19225	25	#0	QPSK		50.25	35.2	PASS
3	5	19225	25	#0	QPSK		41.33	32.2	PASS

3	5	19225	25	#0	QPSK		40.53	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS
3	5	19225	25	#0	QPSK		40.25	29.2	PASS
3	5	19225	25	#0	QPSK		41.06	32.2	PASS
3	5	19225	25	#0	QPSK		50.58	35.2	PASS
3	5	19225	8	#0	QAM16		51.40	35.2	PASS
3	5	19225	8	#0	QAM16		43.58	32.2	PASS
3	5	19225	8	#0	QAM16		41.41	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		46.76	29.2	PASS
3	5	19225	8	#0	QAM16		47.19	32.2	PASS
3	5	19225	8	#0	QAM16		51.85	35.2	PASS
3	5	19225	8	#Max	QAM16		51.49	35.2	PASS
3	5	19225	8	#Max	QAM16		47.05	32.2	PASS
3	5	19225	8	#Max	QAM16		46.62	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		40.78	29.2	PASS
3	5	19225	8	#Max	QAM16		43.06	32.2	PASS
3	5	19225	8	#Max	QAM16		51.77	35.2	PASS
3	5	19225	25	#0	QAM16		49.86	35.2	PASS
3	5	19225	25	#0	QAM16		42.59	32.2	PASS
3	5	19225	25	#0	QAM16		41.75	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		41.49	29.2	PASS
3	5	19225	25	#0	QAM16		42.30	32.2	PASS
3	5	19225	25	#0	QAM16		50.12	35.2	PASS
3	5	19575	8	#0	QPSK		53.54	35.2	PASS
3	5	19575	8	#0	QPSK		44.33	32.2	PASS
3	5	19575	8	#0	QPSK		42.34	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		47.30	29.2	PASS
3	5	19575	8	#0	QPSK		47.66	32.2	PASS
3	5	19575	8	#0	QPSK		53.97	35.2	PASS
3	5	19575	8	#Max	QPSK		53.56	35.2	PASS
3	5	19575	8	#Max	QPSK		47.37	32.2	PASS
3	5	19575	8	#Max	QPSK		46.98	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		43.24	29.2	PASS
3	5	19575	8	#Max	QPSK		45.36	32.2	PASS
3	5	19575	8	#Max	QPSK		53.81	35.2	PASS
3	5	19575	25	#0	QPSK		51.78	35.2	PASS
3	5	19575	25	#0	QPSK		45.87	32.2	PASS
3	5	19575	25	#0	QPSK		44.95	29.2	PASS

3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		44.92	29.2	PASS
3	5	19575	25	#0	QPSK		45.85	32.2	PASS
3	5	19575	25	#0	QPSK		52.25	35.2	PASS
3	5	19575	8	#0	QAM16		52.52	35.2	PASS
3	5	19575	8	#0	QAM16		45.20	32.2	PASS
3	5	19575	8	#0	QAM16		43.22	29.2	PASS
3	5	19575	8	#0	QAM16		0.00	0	PASS
3	5	19575	8	#0	QAM16		47.26	29.2	PASS
3	5	19575	8	#0	QAM16		47.67	32.2	PASS
3	5	19575	8	#0	QAM16		52.97	35.2	PASS
3	5	19575	8	#Max	QAM16		52.56	35.2	PASS
3	5	19575	8	#Max	QAM16		47.45	32.2	PASS
3	5	19575	8	#Max	QAM16		47.04	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		44.07	29.2	PASS
3	5	19575	8	#Max	QAM16		46.25	32.2	PASS
3	5	19575	8	#Max	QAM16		52.77	35.2	PASS
3	5	19575	25	#0	QAM16		50.89	35.2	PASS
3	5	19575	25	#0	QAM16		44.87	32.2	PASS
3	5	19575	25	#0	QAM16		43.88	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		44.02	29.2	PASS
3	5	19575	25	#0	QAM16		44.94	32.2	PASS
3	5	19575	25	#0	QAM16		51.38	35.2	PASS
3	5	19925	8	#0	QPSK		53.41	35.2	PASS
3	5	19925	8	#0	QPSK		38.52	32.2	PASS
3	5	19925	8	#0	QPSK		35.72	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		49.17	29.2	PASS
3	5	19925	8	#0	QPSK		49.67	32.2	PASS
3	5	19925	8	#0	QPSK		54.04	35.2	PASS
3	5	19925	8	#Max	QPSK		53.47	35.2	PASS
3	5	19925	8	#Max	QPSK		45.81	32.2	PASS
3	5	19925	8	#Max	QPSK		45.45	29.2	PASS
3	5	19925	8	#Max	QPSK		0.00	0	PASS
3	5	19925	8	#Max	QPSK		36.47	29.2	PASS
3	5	19925	8	#Max	QPSK		39.56	32.2	PASS
3	5	19925	8	#Max	QPSK		53.71	35.2	PASS
3	5	19925	25	#0	QPSK		50.84	35.2	PASS
3	5	19925	25	#0	QPSK		39.51	32.2	PASS
3	5	19925	25	#0	QPSK		38.75	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS

3	5	19925	25	#0	QPSK		40.72	29.2	PASS
3	5	19925	25	#0	QPSK		41.64	32.2	PASS
3	5	19925	25	#0	QPSK		52.26	35.2	PASS
3	5	19925	8	#0	QAM16		52.47	35.2	PASS
3	5	19925	8	#0	QAM16		42.24	32.2	PASS
3	5	19925	8	#0	QAM16		39.73	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		49.14	29.2	PASS
3	5	19925	8	#0	QAM16		49.65	32.2	PASS
3	5	19925	8	#0	QAM16		52.89	35.2	PASS
3	5	19925	8	#Max	QAM16		52.47	35.2	PASS
3	5	19925	8	#Max	QAM16		46.11	32.2	PASS
3	5	19925	8	#Max	QAM16		45.73	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		40.31	29.2	PASS
3	5	19925	8	#Max	QAM16		43.19	32.2	PASS
3	5	19925	8	#Max	QAM16		52.74	35.2	PASS
3	5	19925	25	#0	QAM16		50.23	35.2	PASS
3	5	19925	25	#0	QAM16		40.85	32.2	PASS
3	5	19925	25	#0	QAM16		40.10	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		42.05	29.2	PASS
3	5	19925	25	#0	QAM16		42.89	32.2	PASS
3	5	19925	25	#0	QAM16		51.48	35.2	PASS
3	10	19250	12	#0	QPSK		53.85	35.2	PASS
3	10	19250	12	#0	QPSK		40.07	32.2	PASS
3	10	19250	12	#0	QPSK		39.53	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.94	29.2	PASS
3	10	19250	12	#0	QPSK		50.50	32.2	PASS
3	10	19250	12	#0	QPSK		49.85	35.2	PASS
3	10	19250	12	#Max	QPSK		51.29	35.2	PASS
3	10	19250	12	#Max	QPSK		50.94	32.2	PASS
3	10	19250	12	#Max	QPSK		47.02	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		40.86	29.2	PASS
3	10	19250	12	#Max	QPSK		41.47	32.2	PASS
3	10	19250	12	#Max	QPSK		54.27	35.2	PASS
3	10	19250	50	#0	QPSK		46.76	35.2	PASS
3	10	19250	50	#0	QPSK		44.05	32.2	PASS
3	10	19250	50	#0	QPSK		41.57	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		41.20	29.2	PASS

3	10	19250	50	#0	QPSK		43.63	32.2	PASS
3	10	19250	50	#0	QPSK		46.74	35.2	PASS
3	10	19250	12	#0	QAM16		52.91	35.2	PASS
3	10	19250	12	#0	QAM16		41.84	32.2	PASS
3	10	19250	12	#0	QAM16		41.01	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		46.04	29.2	PASS
3	10	19250	12	#0	QAM16		50.37	32.2	PASS
3	10	19250	12	#0	QAM16		50.19	35.2	PASS
3	10	19250	12	#Max	QAM16		50.91	35.2	PASS
3	10	19250	12	#Max	QAM16		50.89	32.2	PASS
3	10	19250	12	#Max	QAM16		46.83	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		41.88	29.2	PASS
3	10	19250	12	#Max	QAM16		42.72	32.2	PASS
3	10	19250	12	#Max	QAM16		53.46	35.2	PASS
3	10	19250	50	#0	QAM16		47.12	35.2	PASS
3	10	19250	50	#0	QAM16		43.49	32.2	PASS
3	10	19250	50	#0	QAM16		41.28	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		40.98	29.2	PASS
3	10	19250	50	#0	QAM16		43.08	32.2	PASS
3	10	19250	50	#0	QAM16		47.20	35.2	PASS
3	10	19575	12	#0	QPSK		52.98	35.2	PASS
3	10	19575	12	#0	QPSK		43.36	32.2	PASS
3	10	19575	12	#0	QPSK		42.50	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		46.13	29.2	PASS
3	10	19575	12	#0	QPSK		50.53	32.2	PASS
3	10	19575	12	#0	QPSK		50.14	35.2	PASS
3	10	19575	12	#Max	QPSK		50.39	35.2	PASS
3	10	19575	12	#Max	QPSK		50.27	32.2	PASS
3	10	19575	12	#Max	QPSK		46.19	29.2	PASS
3	10	19575	12	#Max	QPSK		0.00	0	PASS
3	10	19575	12	#Max	QPSK		44.50	29.2	PASS
3	10	19575	12	#Max	QPSK		45.58	32.2	PASS
3	10	19575	12	#Max	QPSK		53.53	35.2	PASS
3	10	19575	50	#0	QPSK		48.92	35.2	PASS
3	10	19575	50	#0	QPSK		46.99	32.2	PASS
3	10	19575	50	#0	QPSK		44.16	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		44.53	29.2	PASS
3	10	19575	50	#0	QPSK		47.10	32.2	PASS

3	10	19575	50	#0	QPSK		49.75	35.2	PASS
3	10	19575	12	#0	QAM16		52.26	35.2	PASS
3	10	19575	12	#0	QAM16		44.07	32.2	PASS
3	10	19575	12	#0	QAM16		43.03	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		46.05	29.2	PASS
3	10	19575	12	#0	QAM16		50.29	32.2	PASS
3	10	19575	12	#0	QAM16		50.09	35.2	PASS
3	10	19575	12	#Max	QAM16		50.01	35.2	PASS
3	10	19575	12	#Max	QAM16		49.95	32.2	PASS
3	10	19575	12	#Max	QAM16		45.90	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		44.56	29.2	PASS
3	10	19575	12	#Max	QAM16		45.89	32.2	PASS
3	10	19575	12	#Max	QAM16		52.64	35.2	PASS
3	10	19575	50	#0	QAM16		47.98	35.2	PASS
3	10	19575	50	#0	QAM16		45.05	32.2	PASS
3	10	19575	50	#0	QAM16		42.58	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		43.13	29.2	PASS
3	10	19575	50	#0	QAM16		45.42	32.2	PASS
3	10	19575	50	#0	QAM16		48.85	35.2	PASS
3	10	19900	12	#0	QPSK		52.94	35.2	PASS
3	10	19900	12	#0	QPSK		45.02	32.2	PASS
3	10	19900	12	#0	QPSK		43.99	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		47.29	29.2	PASS
3	10	19900	12	#0	QPSK		51.43	32.2	PASS
3	10	19900	12	#0	QPSK		51.46	35.2	PASS
3	10	19900	12	#Max	QPSK		50.15	35.2	PASS
3	10	19900	12	#Max	QPSK		49.75	32.2	PASS
3	10	19900	12	#Max	QPSK		45.84	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		39.02	29.2	PASS
3	10	19900	12	#Max	QPSK		39.59	32.2	PASS
3	10	19900	12	#Max	QPSK		53.59	35.2	PASS
3	10	19900	50	#0	QPSK		47.43	35.2	PASS
3	10	19900	50	#0	QPSK		44.03	32.2	PASS
3	10	19900	50	#0	QPSK		41.78	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		43.17	29.2	PASS
3	10	19900	50	#0	QPSK		45.16	32.2	PASS
3	10	19900	50	#0	QPSK		49.78	35.2	PASS

3	10	19900	12	#0	QAM16		52.11	35.2	PASS
3	10	19900	12	#0	QAM16		45.74	32.2	PASS
3	10	19900	12	#0	QAM16		44.32	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		46.97	29.2	PASS
3	10	19900	12	#0	QAM16		51.03	32.2	PASS
3	10	19900	12	#0	QAM16		51.09	35.2	PASS
3	10	19900	12	#Max	QAM16		49.92	35.2	PASS
3	10	19900	12	#Max	QAM16		49.51	32.2	PASS
3	10	19900	12	#Max	QAM16		45.62	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		40.77	29.2	PASS
3	10	19900	12	#Max	QAM16		41.65	32.2	PASS
3	10	19900	12	#Max	QAM16		52.66	35.2	PASS
3	10	19900	50	#0	QAM16		48.05	35.2	PASS
3	10	19900	50	#0	QAM16		45.21	32.2	PASS
3	10	19900	50	#0	QAM16		42.75	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		43.69	29.2	PASS
3	10	19900	50	#0	QAM16		45.86	32.2	PASS
3	10	19900	50	#0	QAM16		49.89	35.2	PASS
3	20	19300	18	#0	QPSK		50.81	35.2	PASS
3	20	19300	18	#0	QPSK		40.34	32.2	PASS
3	20	19300	18	#0	QPSK		40.40	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		43.11	29.2	PASS
3	20	19300	18	#0	QPSK		52.11	32.2	PASS
3	20	19300	18	#0	QPSK		51.24	35.2	PASS
3	20	19300	18	#Max	QPSK		50.89	35.2	PASS
3	20	19300	18	#Max	QPSK		51.52	32.2	PASS
3	20	19300	18	#Max	QPSK		44.46	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		43.01	29.2	PASS
3	20	19300	18	#Max	QPSK		44.74	32.2	PASS
3	20	19300	18	#Max	QPSK		51.55	35.2	PASS
3	20	19300	100	#0	QPSK		46.83	35.2	PASS
3	20	19300	100	#0	QPSK		45.65	32.2	PASS
3	20	19300	100	#0	QPSK		40.75	29.2	PASS
3	20	19300	100	#0	QPSK		0.00	0	PASS
3	20	19300	100	#0	QPSK		40.80	29.2	PASS
3	20	19300	100	#0	QPSK		46.09	32.2	PASS
3	20	19300	100	#0	QPSK		47.20	35.2	PASS
3	20	19300	18	#0	QAM16		49.95	35.2	PASS

3	20	19300	18	#0	QAM16		41.90	32.2	PASS
3	20	19300	18	#0	QAM16		41.09	29.2	PASS
3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		42.74	29.2	PASS
3	20	19300	18	#0	QAM16		51.21	32.2	PASS
3	20	19300	18	#0	QAM16		50.61	35.2	PASS
3	20	19300	18	#Max	QAM16		50.05	35.2	PASS
3	20	19300	18	#Max	QAM16		50.59	32.2	PASS
3	20	19300	18	#Max	QAM16		43.73	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		42.94	29.2	PASS
3	20	19300	18	#Max	QAM16		45.53	32.2	PASS
3	20	19300	18	#Max	QAM16		50.82	35.2	PASS
3	20	19300	100	#0	QAM16		46.53	35.2	PASS
3	20	19300	100	#0	QAM16		45.44	32.2	PASS
3	20	19300	100	#0	QAM16		40.50	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		40.36	29.2	PASS
3	20	19300	100	#0	QAM16		45.60	32.2	PASS
3	20	19300	100	#0	QAM16		46.54	35.2	PASS
3	20	19575	18	#0	QPSK		51.94	35.2	PASS
3	20	19575	18	#0	QPSK		42.72	32.2	PASS
3	20	19575	18	#0	QPSK		42.24	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		44.82	29.2	PASS
3	20	19575	18	#0	QPSK		53.41	32.2	PASS
3	20	19575	18	#0	QPSK		52.79	35.2	PASS
3	20	19575	18	#Max	QPSK		51.54	35.2	PASS
3	20	19575	18	#Max	QPSK		52.14	32.2	PASS
3	20	19575	18	#Max	QPSK		44.95	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		44.11	29.2	PASS
3	20	19575	18	#Max	QPSK		45.84	32.2	PASS
3	20	19575	18	#Max	QPSK		52.64	35.2	PASS
3	20	19575	100	#0	QPSK		48.38	35.2	PASS
3	20	19575	100	#0	QPSK		47.05	32.2	PASS
3	20	19575	100	#0	QPSK		42.16	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		42.81	29.2	PASS
3	20	19575	100	#0	QPSK		48.08	32.2	PASS
3	20	19575	100	#0	QPSK		49.33	35.2	PASS
3	20	19575	18	#0	QAM16		51.08	35.2	PASS
3	20	19575	18	#0	QAM16		43.73	32.2	PASS

3	20	19575	18	#0	QAM16		42.62	29.2	PASS
3	20	19575	18	#0	QAM16		0.00	0	PASS
3	20	19575	18	#0	QAM16		44.43	29.2	PASS
3	20	19575	18	#0	QAM16		52.52	32.2	PASS
3	20	19575	18	#0	QAM16		52.28	35.2	PASS
3	20	19575	18	#Max	QAM16		50.81	35.2	PASS
3	20	19575	18	#Max	QAM16		51.20	32.2	PASS
3	20	19575	18	#Max	QAM16		44.35	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		43.77	29.2	PASS
3	20	19575	18	#Max	QAM16		46.11	32.2	PASS
3	20	19575	18	#Max	QAM16		51.81	35.2	PASS
3	20	19575	100	#0	QAM16		47.46	35.2	PASS
3	20	19575	100	#0	QAM16		46.14	32.2	PASS
3	20	19575	100	#0	QAM16		41.38	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		42.05	29.2	PASS
3	20	19575	100	#0	QAM16		47.12	32.2	PASS
3	20	19575	100	#0	QAM16		48.55	35.2	PASS
3	20	19850	18	#0	QPSK		51.25	35.2	PASS
3	20	19850	18	#0	QPSK		49.18	32.2	PASS
3	20	19850	18	#0	QPSK		44.95	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		46.41	29.2	PASS
3	20	19850	18	#0	QPSK		52.96	32.2	PASS
3	20	19850	18	#0	QPSK		52.91	35.2	PASS
3	20	19850	18	#Max	QPSK		51.62	35.2	PASS
3	20	19850	18	#Max	QPSK		52.39	32.2	PASS
3	20	19850	18	#Max	QPSK		44.91	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		41.82	29.2	PASS
3	20	19850	18	#Max	QPSK		41.31	32.2	PASS
3	20	19850	18	#Max	QPSK		52.96	35.2	PASS
3	20	19850	100	#0	QPSK		49.12	35.2	PASS
3	20	19850	100	#0	QPSK		48.47	32.2	PASS
3	20	19850	100	#0	QPSK		43.12	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		44.73	29.2	PASS
3	20	19850	100	#0	QPSK		49.46	32.2	PASS
3	20	19850	100	#0	QPSK		51.44	35.2	PASS
3	20	19850	18	#0	QAM16		50.40	35.2	PASS
3	20	19850	18	#0	QAM16		48.14	32.2	PASS
3	20	19850	18	#0	QAM16		43.97	29.2	PASS

3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		45.44	29.2	PASS
3	20	19850	18	#0	QAM16		52.01	32.2	PASS
3	20	19850	18	#0	QAM16		52.02	35.2	PASS
3	20	19850	18	#Max	QAM16		50.80	35.2	PASS
3	20	19850	18	#Max	QAM16		51.38	32.2	PASS
3	20	19850	18	#Max	QAM16		44.23	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		42.70	29.2	PASS
3	20	19850	18	#Max	QAM16		43.23	32.2	PASS
3	20	19850	18	#Max	QAM16		52.12	35.2	PASS
3	20	19850	100	#0	QAM16		48.50	35.2	PASS
3	20	19850	100	#0	QAM16		47.71	32.2	PASS
3	20	19850	100	#0	QAM16		42.46	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		43.83	29.2	PASS
3	20	19850	100	#0	QAM16		48.80	32.2	PASS
3	20	19850	100	#0	QAM16		50.41	35.2	PASS
7	5	20775	8	#0	QPSK		53.47	35.2	PASS
7	5	20775	8	#0	QPSK		38.57	32.2	PASS
7	5	20775	8	#0	QPSK		35.67	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		46.95	29.2	PASS
7	5	20775	8	#0	QPSK		47.28	32.2	PASS
7	5	20775	8	#0	QPSK		54.07	35.2	PASS
7	5	20775	8	#Max	QPSK		53.54	35.2	PASS
7	5	20775	8	#Max	QPSK		46.86	32.2	PASS
7	5	20775	8	#Max	QPSK		46.57	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		36.74	29.2	PASS
7	5	20775	8	#Max	QPSK		39.47	32.2	PASS
7	5	20775	8	#Max	QPSK		53.72	35.2	PASS
7	5	20775	25	#0	QPSK		51.51	35.2	PASS
7	5	20775	25	#0	QPSK		40.87	32.2	PASS
7	5	20775	25	#0	QPSK		40.10	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		39.70	29.2	PASS
7	5	20775	25	#0	QPSK		40.47	32.2	PASS
7	5	20775	25	#0	QPSK		51.35	35.2	PASS
7	5	20775	8	#0	QAM16		52.58	35.2	PASS
7	5	20775	8	#0	QAM16		41.58	32.2	PASS
7	5	20775	8	#0	QAM16		39.15	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS

7	5	20775	8	#0	QAM16		47.55	29.2	PASS
7	5	20775	8	#0	QAM16		47.92	32.2	PASS
7	5	20775	8	#0	QAM16		53.06	35.2	PASS
7	5	20775	8	#Max	QAM16		52.46	35.2	PASS
7	5	20775	8	#Max	QAM16		46.98	32.2	PASS
7	5	20775	8	#Max	QAM16		46.64	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		40.27	29.2	PASS
7	5	20775	8	#Max	QAM16		42.63	32.2	PASS
7	5	20775	8	#Max	QAM16		52.80	35.2	PASS
7	5	20775	25	#0	QAM16		50.75	35.2	PASS
7	5	20775	25	#0	QAM16		41.61	32.2	PASS
7	5	20775	25	#0	QAM16		40.82	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		40.51	29.2	PASS
7	5	20775	25	#0	QAM16		41.25	32.2	PASS
7	5	20775	25	#0	QAM16		50.78	35.2	PASS
7	5	21100	8	#0	QPSK		53.83	35.2	PASS
7	5	21100	8	#0	QPSK		42.01	32.2	PASS
7	5	21100	8	#0	QPSK		40.05	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		46.95	29.2	PASS
7	5	21100	8	#0	QPSK		47.30	32.2	PASS
7	5	21100	8	#0	QPSK		54.29	35.2	PASS
7	5	21100	8	#Max	QPSK		53.89	35.2	PASS
7	5	21100	8	#Max	QPSK		47.65	32.2	PASS
7	5	21100	8	#Max	QPSK		47.30	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		39.69	29.2	PASS
7	5	21100	8	#Max	QPSK		41.77	32.2	PASS
7	5	21100	8	#Max	QPSK		54.05	35.2	PASS
7	5	21100	25	#0	QPSK		51.58	35.2	PASS
7	5	21100	25	#0	QPSK		42.47	32.2	PASS
7	5	21100	25	#0	QPSK		41.72	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		41.65	29.2	PASS
7	5	21100	25	#0	QPSK		42.41	32.2	PASS
7	5	21100	25	#0	QPSK		51.84	35.2	PASS
7	5	21100	8	#0	QAM16		52.79	35.2	PASS
7	5	21100	8	#0	QAM16		44.54	32.2	PASS
7	5	21100	8	#0	QAM16		42.74	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		47.17	29.2	PASS

7	5	21100	8	#0	QAM16		47.51	32.2	PASS
7	5	21100	8	#0	QAM16		53.31	35.2	PASS
7	5	21100	8	#Max	QAM16		52.88	35.2	PASS
7	5	21100	8	#Max	QAM16		47.67	32.2	PASS
7	5	21100	8	#Max	QAM16		47.32	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		42.80	29.2	PASS
7	5	21100	8	#Max	QAM16		44.73	32.2	PASS
7	5	21100	8	#Max	QAM16		53.20	35.2	PASS
7	5	21100	25	#0	QAM16		51.22	35.2	PASS
7	5	21100	25	#0	QAM16		43.95	32.2	PASS
7	5	21100	25	#0	QAM16		43.18	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		43.19	29.2	PASS
7	5	21100	25	#0	QAM16		43.93	32.2	PASS
7	5	21100	25	#0	QAM16		51.61	35.2	PASS
7	5	21425	8	#0	QPSK		53.71	35.2	PASS
7	5	21425	8	#0	QPSK		39.95	32.2	PASS
7	5	21425	8	#0	QPSK		37.43	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		47.05	29.2	PASS
7	5	21425	8	#0	QPSK		47.36	32.2	PASS
7	5	21425	8	#0	QPSK		54.33	35.2	PASS
7	5	21425	8	#Max	QPSK		53.94	35.2	PASS
7	5	21425	8	#Max	QPSK		47.10	32.2	PASS
7	5	21425	8	#Max	QPSK		46.77	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		39.39	29.2	PASS
7	5	21425	8	#Max	QPSK		41.79	32.2	PASS
7	5	21425	8	#Max	QPSK		54.17	35.2	PASS
7	5	21425	25	#0	QPSK		51.41	35.2	PASS
7	5	21425	25	#0	QPSK		42.15	32.2	PASS
7	5	21425	25	#0	QPSK		41.46	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		42.35	29.2	PASS
7	5	21425	25	#0	QPSK		43.12	32.2	PASS
7	5	21425	25	#0	QPSK		52.09	35.2	PASS
7	5	21425	8	#0	QAM16		52.80	35.2	PASS
7	5	21425	8	#0	QAM16		41.63	32.2	PASS
7	5	21425	8	#0	QAM16		39.24	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		47.12	29.2	PASS
7	5	21425	8	#0	QAM16		47.47	32.2	PASS

7	5	21425	8	#0	QAM16		53.32	35.2	PASS
7	5	21425	8	#Max	QAM16		52.95	35.2	PASS
7	5	21425	8	#Max	QAM16		47.12	32.2	PASS
7	5	21425	8	#Max	QAM16		46.80	29.2	PASS
7	5	21425	8	#Max	QAM16		0.00	0	PASS
7	5	21425	8	#Max	QAM16		40.89	29.2	PASS
7	5	21425	8	#Max	QAM16		43.34	32.2	PASS
7	5	21425	8	#Max	QAM16		53.27	35.2	PASS
7	5	21425	25	#0	QAM16		50.97	35.2	PASS
7	5	21425	25	#0	QAM16		42.51	32.2	PASS
7	5	21425	25	#0	QAM16		41.73	29.2	PASS
7	5	21425	25	#0	QAM16		0.00	0	PASS
7	5	21425	25	#0	QAM16		42.60	29.2	PASS
7	5	21425	25	#0	QAM16		43.40	32.2	PASS
7	5	21425	25	#0	QAM16		51.46	35.2	PASS
7	10	20800	12	#0	QPSK		52.94	35.2	PASS
7	10	20800	12	#0	QPSK		38.71	32.2	PASS
7	10	20800	12	#0	QPSK		38.16	29.2	PASS
7	10	20800	12	#0	QPSK		0.00	0	PASS
7	10	20800	12	#0	QPSK		45.79	29.2	PASS
7	10	20800	12	#0	QPSK		50.39	32.2	PASS
7	10	20800	12	#0	QPSK		49.60	35.2	PASS
7	10	20800	12	#Max	QPSK		50.39	35.2	PASS
7	10	20800	12	#Max	QPSK		50.79	32.2	PASS
7	10	20800	12	#Max	QPSK		46.47	29.2	PASS
7	10	20800	12	#Max	QPSK		0.00	0	PASS
7	10	20800	12	#Max	QPSK		40.79	29.2	PASS
7	10	20800	12	#Max	QPSK		41.47	32.2	PASS
7	10	20800	12	#Max	QPSK		53.43	35.2	PASS
7	10	20800	50	#0	QPSK		46.64	35.2	PASS
7	10	20800	50	#0	QPSK		43.61	32.2	PASS
7	10	20800	50	#0	QPSK		41.23	29.2	PASS
7	10	20800	50	#0	QPSK		0.00	0	PASS
7	10	20800	50	#0	QPSK		41.00	29.2	PASS
7	10	20800	50	#0	QPSK		43.52	32.2	PASS
7	10	20800	50	#0	QPSK		46.22	35.2	PASS
7	10	20800	12	#0	QAM16		52.14	35.2	PASS
7	10	20800	12	#0	QAM16		40.61	32.2	PASS
7	10	20800	12	#0	QAM16		39.80	29.2	PASS
7	10	20800	12	#0	QAM16		0.00	0	PASS
7	10	20800	12	#0	QAM16		45.69	29.2	PASS
7	10	20800	12	#0	QAM16		50.10	32.2	PASS
7	10	20800	12	#0	QAM16		49.71	35.2	PASS

7	10	20800	12	#Max	QAM16		50.03	35.2	PASS
7	10	20800	12	#Max	QAM16		50.69	32.2	PASS
7	10	20800	12	#Max	QAM16		46.25	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		41.82	29.2	PASS
7	10	20800	12	#Max	QAM16		42.80	32.2	PASS
7	10	20800	12	#Max	QAM16		52.62	35.2	PASS
7	10	20800	50	#0	QAM16		47.08	35.2	PASS
7	10	20800	50	#0	QAM16		43.43	32.2	PASS
7	10	20800	50	#0	QAM16		41.22	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		41.15	29.2	PASS
7	10	20800	50	#0	QAM16		43.50	32.2	PASS
7	10	20800	50	#0	QAM16		46.77	35.2	PASS
7	10	21100	12	#0	QPSK		53.17	35.2	PASS
7	10	21100	12	#0	QPSK		41.25	32.2	PASS
7	10	21100	12	#0	QPSK		40.55	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		45.91	29.2	PASS
7	10	21100	12	#0	QPSK		50.64	32.2	PASS
7	10	21100	12	#0	QPSK		49.78	35.2	PASS
7	10	21100	12	#Max	QPSK		49.98	35.2	PASS
7	10	21100	12	#Max	QPSK		50.78	32.2	PASS
7	10	21100	12	#Max	QPSK		46.17	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		40.87	29.2	PASS
7	10	21100	12	#Max	QPSK		41.53	32.2	PASS
7	10	21100	12	#Max	QPSK		53.80	35.2	PASS
7	10	21100	50	#0	QPSK		47.11	35.2	PASS
7	10	21100	50	#0	QPSK		45.43	32.2	PASS
7	10	21100	50	#0	QPSK		42.51	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		42.69	29.2	PASS
7	10	21100	50	#0	QPSK		45.38	32.2	PASS
7	10	21100	50	#0	QPSK		47.57	35.2	PASS
7	10	21100	12	#0	QAM16		52.37	35.2	PASS
7	10	21100	12	#0	QAM16		42.65	32.2	PASS
7	10	21100	12	#0	QAM16		41.77	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		45.87	29.2	PASS
7	10	21100	12	#0	QAM16		50.41	32.2	PASS
7	10	21100	12	#0	QAM16		49.78	35.2	PASS
7	10	21100	12	#Max	QAM16		49.75	35.2	PASS

7	10	21100	12	#Max	QAM16		50.48	32.2	PASS
7	10	21100	12	#Max	QAM16		45.98	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		42.19	29.2	PASS
7	10	21100	12	#Max	QAM16		43.06	32.2	PASS
7	10	21100	12	#Max	QAM16		53.03	35.2	PASS
7	10	21100	50	#0	QAM16		46.95	35.2	PASS
7	10	21100	50	#0	QAM16		43.82	32.2	PASS
7	10	21100	50	#0	QAM16		41.44	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		41.59	29.2	PASS
7	10	21100	50	#0	QAM16		43.84	32.2	PASS
7	10	21100	50	#0	QAM16		47.35	35.2	PASS
7	10	21400	12	#0	QPSK		52.78	35.2	PASS
7	10	21400	12	#0	QPSK		37.10	32.2	PASS
7	10	21400	12	#0	QPSK		36.58	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		46.31	29.2	PASS
7	10	21400	12	#0	QPSK		50.77	32.2	PASS
7	10	21400	12	#0	QPSK		50.28	35.2	PASS
7	10	21400	12	#Max	QPSK		49.03	35.2	PASS
7	10	21400	12	#Max	QPSK		50.25	32.2	PASS
7	10	21400	12	#Max	QPSK		45.32	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		40.43	29.2	PASS
7	10	21400	12	#Max	QPSK		41.04	32.2	PASS
7	10	21400	12	#Max	QPSK		53.80	35.2	PASS
7	10	21400	50	#0	QPSK		43.41	35.2	PASS
7	10	21400	50	#0	QPSK		40.19	32.2	PASS
7	10	21400	50	#0	QPSK		37.83	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		39.88	29.2	PASS
7	10	21400	50	#0	QPSK		41.82	32.2	PASS
7	10	21400	50	#0	QPSK		46.20	35.2	PASS
7	10	21400	12	#0	QAM16		52.05	35.2	PASS
7	10	21400	12	#0	QAM16		39.31	32.2	PASS
7	10	21400	12	#0	QAM16		38.58	29.2	PASS
7	10	21400	12	#0	QAM16		0.00	0	PASS
7	10	21400	12	#0	QAM16		46.21	29.2	PASS
7	10	21400	12	#0	QAM16		50.61	32.2	PASS
7	10	21400	12	#0	QAM16		50.16	35.2	PASS
7	10	21400	12	#Max	QAM16		49.09	35.2	PASS
7	10	21400	12	#Max	QAM16		50.01	32.2	PASS

7	10	21400	12	#Max	QAM16		45.30	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		41.67	29.2	PASS
7	10	21400	12	#Max	QAM16		42.57	32.2	PASS
7	10	21400	12	#Max	QAM16		52.97	35.2	PASS
7	10	21400	50	#0	QAM16		44.67	35.2	PASS
7	10	21400	50	#0	QAM16		41.20	32.2	PASS
7	10	21400	50	#0	QAM16		38.90	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		41.08	29.2	PASS
7	10	21400	50	#0	QAM16		43.16	32.2	PASS
7	10	21400	50	#0	QAM16		47.22	35.2	PASS
7	20	20850	18	#0	QPSK		52.07	35.2	PASS
7	20	20850	18	#0	QPSK		39.67	32.2	PASS
7	20	20850	18	#0	QPSK		40.38	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		44.53	29.2	PASS
7	20	20850	18	#0	QPSK		53.36	32.2	PASS
7	20	20850	18	#0	QPSK		52.43	35.2	PASS
7	20	20850	18	#Max	QPSK		51.83	35.2	PASS
7	20	20850	18	#Max	QPSK		52.69	32.2	PASS
7	20	20850	18	#Max	QPSK		45.44	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		40.78	29.2	PASS
7	20	20850	18	#Max	QPSK		40.26	32.2	PASS
7	20	20850	18	#Max	QPSK		52.69	35.2	PASS
7	20	20850	100	#0	QPSK		47.19	35.2	PASS
7	20	20850	100	#0	QPSK		45.66	32.2	PASS
7	20	20850	100	#0	QPSK		41.38	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		39.75	29.2	PASS
7	20	20850	100	#0	QPSK		44.97	32.2	PASS
7	20	20850	100	#0	QPSK		46.13	35.2	PASS
7	20	20850	18	#0	QAM16		51.20	35.2	PASS
7	20	20850	18	#0	QAM16		41.32	32.2	PASS
7	20	20850	18	#0	QAM16		41.34	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		44.25	29.2	PASS
7	20	20850	18	#0	QAM16		52.34	32.2	PASS
7	20	20850	18	#0	QAM16		51.95	35.2	PASS
7	20	20850	18	#Max	QAM16		51.00	35.2	PASS
7	20	20850	18	#Max	QAM16		51.71	32.2	PASS
7	20	20850	18	#Max	QAM16		44.68	29.2	PASS

7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		41.92	29.2	PASS
7	20	20850	18	#Max	QAM16		42.36	32.2	PASS
7	20	20850	18	#Max	QAM16		51.99	35.2	PASS
7	20	20850	100	#0	QAM16		47.05	35.2	PASS
7	20	20850	100	#0	QAM16		45.45	32.2	PASS
7	20	20850	100	#0	QAM16		41.15	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		40.09	29.2	PASS
7	20	20850	100	#0	QAM16		44.95	32.2	PASS
7	20	20850	100	#0	QAM16		46.38	35.2	PASS
7	20	21100	18	#0	QPSK		52.15	35.2	PASS
7	20	21100	18	#0	QPSK		41.74	32.2	PASS
7	20	21100	18	#0	QPSK		41.67	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		44.67	29.2	PASS
7	20	21100	18	#0	QPSK		53.57	32.2	PASS
7	20	21100	18	#0	QPSK		52.56	35.2	PASS
7	20	21100	18	#Max	QPSK		51.72	35.2	PASS
7	20	21100	18	#Max	QPSK		52.98	32.2	PASS
7	20	21100	18	#Max	QPSK		44.52	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		43.27	29.2	PASS
7	20	21100	18	#Max	QPSK		43.98	32.2	PASS
7	20	21100	18	#Max	QPSK		53.26	35.2	PASS
7	20	21100	100	#0	QPSK		46.91	35.2	PASS
7	20	21100	100	#0	QPSK		45.92	32.2	PASS
7	20	21100	100	#0	QPSK		40.84	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		41.79	29.2	PASS
7	20	21100	100	#0	QPSK		46.77	32.2	PASS
7	20	21100	100	#0	QPSK		48.14	35.2	PASS
7	20	21100	18	#0	QAM16		51.29	35.2	PASS
7	20	21100	18	#0	QAM16		42.62	32.2	PASS
7	20	21100	18	#0	QAM16		42.05	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		44.36	29.2	PASS
7	20	21100	18	#0	QAM16		52.54	32.2	PASS
7	20	21100	18	#0	QAM16		52.09	35.2	PASS
7	20	21100	18	#Max	QAM16		50.97	35.2	PASS
7	20	21100	18	#Max	QAM16		51.99	32.2	PASS
7	20	21100	18	#Max	QAM16		44.05	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS

7	20	21100	18	#Max	QAM16		43.36	29.2	PASS
7	20	21100	18	#Max	QAM16		44.70	32.2	PASS
7	20	21100	18	#Max	QAM16		52.40	35.2	PASS
7	20	21100	100	#0	QAM16		47.09	35.2	PASS
7	20	21100	100	#0	QAM16		46.23	32.2	PASS
7	20	21100	100	#0	QAM16		41.08	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		42.15	29.2	PASS
7	20	21100	100	#0	QAM16		47.35	32.2	PASS
7	20	21100	100	#0	QAM16		48.48	35.2	PASS
7	20	21350	18	#0	QPSK		51.96	35.2	PASS
7	20	21350	18	#0	QPSK		39.90	32.2	PASS
7	20	21350	18	#0	QPSK		40.52	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		45.42	29.2	PASS
7	20	21350	18	#0	QPSK		53.47	32.2	PASS
7	20	21350	18	#0	QPSK		52.87	35.2	PASS
7	20	21350	18	#Max	QPSK		51.73	35.2	PASS
7	20	21350	18	#Max	QPSK		52.94	32.2	PASS
7	20	21350	18	#Max	QPSK		44.26	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		41.94	29.2	PASS
7	20	21350	18	#Max	QPSK		41.52	32.2	PASS
7	20	21350	18	#Max	QPSK		53.17	35.2	PASS
7	20	21350	100	#0	QPSK		43.76	35.2	PASS
7	20	21350	100	#0	QPSK		42.47	32.2	PASS
7	20	21350	100	#0	QPSK		37.74	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		39.84	29.2	PASS
7	20	21350	100	#0	QPSK		43.78	32.2	PASS
7	20	21350	100	#0	QPSK		45.89	35.2	PASS
7	20	21350	18	#0	QAM16		51.13	35.2	PASS
7	20	21350	18	#0	QAM16		41.59	32.2	PASS
7	20	21350	18	#0	QAM16		41.41	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		44.86	29.2	PASS
7	20	21350	18	#0	QAM16		52.47	32.2	PASS
7	20	21350	18	#0	QAM16		52.31	35.2	PASS
7	20	21350	18	#Max	QAM16		51.05	35.2	PASS
7	20	21350	18	#Max	QAM16		52.03	32.2	PASS
7	20	21350	18	#Max	QAM16		43.77	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		42.69	29.2	PASS

7	20	21350	18	#Max	QAM16		43.24	32.2	PASS
7	20	21350	18	#Max	QAM16		52.48	35.2	PASS
7	20	21350	100	#0	QAM16		45.05	35.2	PASS
7	20	21350	100	#0	QAM16		43.83	32.2	PASS
7	20	21350	100	#0	QAM16		39.03	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		40.81	29.2	PASS
7	20	21350	100	#0	QAM16		45.07	32.2	PASS
7	20	21350	100	#0	QAM16		47.02	35.2	PASS
8	1.4	21457	5	#0	QPSK		45.92	32.2	PASS
8	1.4	21457	5	#0	QPSK		40.07	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		42.72	29.2	PASS
8	1.4	21457	5	#0	QPSK		48.31	32.2	PASS
8	1.4	21457	5	#Max	QPSK		48.33	32.2	PASS
8	1.4	21457	5	#Max	QPSK		42.79	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		39.43	29.2	PASS
8	1.4	21457	5	#Max	QPSK		45.63	32.2	PASS
8	1.4	21457	6	#0	QPSK		46.97	32.2	PASS
8	1.4	21457	6	#0	QPSK		44.10	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		43.17	29.2	PASS
8	1.4	21457	6	#0	QPSK		46.43	32.2	PASS
8	1.4	21457	5	#0	QAM16		47.67	32.2	PASS
8	1.4	21457	5	#0	QAM16		43.31	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		45.03	29.2	PASS
8	1.4	21457	5	#0	QAM16		48.87	32.2	PASS
8	1.4	21457	5	#Max	QAM16		49.24	32.2	PASS
8	1.4	21457	5	#Max	QAM16		45.96	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		42.55	29.2	PASS
8	1.4	21457	5	#Max	QAM16		47.23	32.2	PASS
8	1.4	21457	6	#0	QAM16		47.64	32.2	PASS
8	1.4	21457	6	#0	QAM16		46.43	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		45.33	29.2	PASS
8	1.4	21457	6	#0	QAM16		47.28	32.2	PASS
8	1.4	21625	5	#0	QPSK		49.88	32.2	PASS
8	1.4	21625	5	#0	QPSK		50.77	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		49.90	29.2	PASS

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

8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		46.35	29.2	PASS
8	1.4	21793	5	#0	QAM16		49.51	32.2	PASS
8	1.4	21793	5	#Max	QAM16		49.52	32.2	PASS
8	1.4	21793	5	#Max	QAM16		47.25	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		43.88	29.2	PASS
8	1.4	21793	5	#Max	QAM16		48.03	32.2	PASS
8	1.4	21793	6	#0	QAM16		49.10	32.2	PASS
8	1.4	21793	6	#0	QAM16		50.44	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		48.12	29.2	PASS
8	1.4	21793	6	#0	QAM16		48.83	32.2	PASS
8	5	21475	8	#0	QPSK		52.95	35.2	PASS
8	5	21475	8	#0	QPSK		44.36	32.2	PASS
8	5	21475	8	#0	QPSK		41.61	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.01	29.2	PASS
8	5	21475	8	#0	QPSK		50.58	32.2	PASS
8	5	21475	8	#0	QPSK		53.28	35.2	PASS
8	5	21475	8	#Max	QPSK		52.95	35.2	PASS
8	5	21475	8	#Max	QPSK		49.88	32.2	PASS
8	5	21475	8	#Max	QPSK		49.36	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		40.71	29.2	PASS
8	5	21475	8	#Max	QPSK		43.71	32.2	PASS
8	5	21475	8	#Max	QPSK		53.08	35.2	PASS
8	5	21475	25	#0	QPSK		51.93	35.2	PASS
8	5	21475	25	#0	QPSK		43.58	32.2	PASS
8	5	21475	25	#0	QPSK		42.67	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		42.74	29.2	PASS
8	5	21475	25	#0	QPSK		43.65	32.2	PASS
8	5	21475	25	#0	QPSK		51.82	35.2	PASS
8	5	21475	8	#0	QAM16		52.01	35.2	PASS
8	5	21475	8	#0	QAM16		46.50	32.2	PASS
8	5	21475	8	#0	QAM16		43.76	29.2	PASS
8	5	21475	8	#0	QAM16		0.00	0	PASS
8	5	21475	8	#0	QAM16		49.58	29.2	PASS
8	5	21475	8	#0	QAM16		50.20	32.2	PASS
8	5	21475	8	#0	QAM16		52.33	35.2	PASS
8	5	21475	8	#Max	QAM16		52.05	35.2	PASS
8	5	21475	8	#Max	QAM16		49.71	32.2	PASS

8	5	21475	8	#Max	QAM16		49.15	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS
8	5	21475	8	#Max	QAM16		43.47	29.2	PASS
8	5	21475	8	#Max	QAM16		46.19	32.2	PASS
8	5	21475	8	#Max	QAM16		52.20	35.2	PASS
8	5	21475	25	#0	QAM16		50.99	35.2	PASS
8	5	21475	25	#0	QAM16		45.45	32.2	PASS
8	5	21475	25	#0	QAM16		44.38	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		44.58	29.2	PASS
8	5	21475	25	#0	QAM16		45.52	32.2	PASS
8	5	21475	25	#0	QAM16		51.04	35.2	PASS
8	5	21625	8	#0	QPSK		53.90	35.2	PASS
8	5	21625	8	#0	QPSK		49.65	32.2	PASS
8	5	21625	8	#0	QPSK		47.54	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		47.71	29.2	PASS
8	5	21625	8	#0	QPSK		48.08	32.2	PASS
8	5	21625	8	#0	QPSK		54.53	35.2	PASS
8	5	21625	8	#Max	QPSK		54.32	35.2	PASS
8	5	21625	8	#Max	QPSK		50.32	32.2	PASS
8	5	21625	8	#Max	QPSK		49.82	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		46.91	29.2	PASS
8	5	21625	8	#Max	QPSK		49.40	32.2	PASS
8	5	21625	8	#Max	QPSK		54.36	35.2	PASS
8	5	21625	25	#0	QPSK		52.33	35.2	PASS
8	5	21625	25	#0	QPSK		48.48	32.2	PASS
8	5	21625	25	#0	QPSK		47.56	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		48.14	29.2	PASS
8	5	21625	25	#0	QPSK		49.40	32.2	PASS
8	5	21625	25	#0	QPSK		52.58	35.2	PASS
8	5	21625	8	#0	QAM16		52.96	35.2	PASS
8	5	21625	8	#0	QAM16		49.42	32.2	PASS
8	5	21625	8	#0	QAM16		47.51	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		47.67	29.2	PASS
8	5	21625	8	#0	QAM16		48.09	32.2	PASS
8	5	21625	8	#0	QAM16		53.54	35.2	PASS
8	5	21625	8	#Max	QAM16		53.33	35.2	PASS
8	5	21625	8	#Max	QAM16		50.09	32.2	PASS
8	5	21625	8	#Max	QAM16		49.56	29.2	PASS

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

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

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

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

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

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

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

20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		45.89	29.2	PASS
20	5	24425	25	#0	QAM16		46.81	32.2	PASS
20	5	24425	25	#0	QAM16		51.29	35.2	PASS
20	10	24200	12	#0	QPSK		52.16	35.2	PASS
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20	10	24200	12	#0	QPSK		42.85	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		45.96	29.2	PASS
20	10	24200	12	#0	QPSK		50.16	32.2	PASS
20	10	24200	12	#0	QPSK		49.97	35.2	PASS
20	10	24200	12	#Max	QPSK		52.27	35.2	PASS
20	10	24200	12	#Max	QPSK		51.88	32.2	PASS
20	10	24200	12	#Max	QPSK		48.35	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
20	10	24200	12	#Max	QPSK		44.90	29.2	PASS
20	10	24200	12	#Max	QPSK		46.24	32.2	PASS
20	10	24200	12	#Max	QPSK		52.54	35.2	PASS
20	10	24200	50	#0	QPSK		51.25	35.2	PASS
20	10	24200	50	#0	QPSK		47.89	32.2	PASS
20	10	24200	50	#0	QPSK		45.65	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		42.74	29.2	PASS
20	10	24200	50	#0	QPSK		46.08	32.2	PASS
20	10	24200	50	#0	QPSK		46.98	35.2	PASS
20	10	24200	12	#0	QAM16		51.24	35.2	PASS
20	10	24200	12	#0	QAM16		44.76	32.2	PASS
20	10	24200	12	#0	QAM16		43.34	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		45.62	29.2	PASS
20	10	24200	12	#0	QAM16		49.62	32.2	PASS
20	10	24200	12	#0	QAM16		49.76	35.2	PASS
20	10	24200	12	#Max	QAM16		51.28	35.2	PASS
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20	10	24200	12	#Max	QAM16		47.49	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		44.55	29.2	PASS
20	10	24200	12	#Max	QAM16		46.18	32.2	PASS
20	10	24200	12	#Max	QAM16		51.63	35.2	PASS
20	10	24200	50	#0	QAM16		50.27	35.2	PASS
20	10	24200	50	#0	QAM16		46.91	32.2	PASS
20	10	24200	50	#0	QAM16		44.69	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS

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

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

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

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

20	20	24350	18	#0	QPSK		45.83	32.2	PASS
20	20	24350	18	#0	QPSK		43.85	29.2	PASS
20	20	24350	18	#0	QPSK		0.00	0	PASS
20	20	24350	18	#0	QPSK		46.20	29.2	PASS
20	20	24350	18	#0	QPSK		53.10	32.2	PASS
20	20	24350	18	#0	QPSK		53.04	35.2	PASS
20	20	24350	18	#Max	QPSK		52.16	35.2	PASS
20	20	24350	18	#Max	QPSK		52.65	32.2	PASS
20	20	24350	18	#Max	QPSK		45.61	29.2	PASS
20	20	24350	18	#Max	QPSK		0.00	0	PASS
20	20	24350	18	#Max	QPSK		45.49	29.2	PASS
20	20	24350	18	#Max	QPSK		48.50	32.2	PASS
20	20	24350	18	#Max	QPSK		53.12	35.2	PASS
20	20	24350	100	#0	QPSK		48.62	35.2	PASS
20	20	24350	100	#0	QPSK		47.89	32.2	PASS
20	20	24350	100	#0	QPSK		42.93	29.2	PASS
20	20	24350	100	#0	QPSK		0.00	0	PASS
20	20	24350	100	#0	QPSK		43.22	29.2	PASS
20	20	24350	100	#0	QPSK		49.05	32.2	PASS
20	20	24350	100	#0	QPSK		49.07	35.2	PASS
20	20	24350	18	#0	QAM16		51.16	35.2	PASS
20	20	24350	18	#0	QAM16		45.90	32.2	PASS
20	20	24350	18	#0	QAM16		43.42	29.2	PASS
20	20	24350	18	#0	QAM16		0.00	0	PASS
20	20	24350	18	#0	QAM16		45.37	29.2	PASS
20	20	24350	18	#0	QAM16		52.12	32.2	PASS
20	20	24350	18	#0	QAM16		52.16	35.2	PASS
20	20	24350	18	#Max	QAM16		51.27	35.2	PASS
20	20	24350	18	#Max	QAM16		51.66	32.2	PASS
20	20	24350	18	#Max	QAM16		44.82	29.2	PASS
20	20	24350	18	#Max	QAM16		0.00	0	PASS
20	20	24350	18	#Max	QAM16		44.75	29.2	PASS
20	20	24350	18	#Max	QAM16		48.19	32.2	PASS
20	20	24350	18	#Max	QAM16		52.20	35.2	PASS
20	20	24350	100	#0	QAM16		48.24	35.2	PASS
20	20	24350	100	#0	QAM16		47.33	32.2	PASS
20	20	24350	100	#0	QAM16		42.38	29.2	PASS
20	20	24350	100	#0	QAM16		0.00	0	PASS
20	20	24350	100	#0	QAM16		42.02	29.2	PASS
20	20	24350	100	#0	QAM16		47.37	32.2	PASS
20	20	24350	100	#0	QAM16		47.68	35.2	PASS
1	5	18025	8	#0	QPSK		54.31	35.2	PASS
1	5	18025	8	#0	QPSK		47.19	32.2	PASS

1	5	18025	8	#0	QPSK		44.76	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		46.12	29.2	PASS
1	5	18025	8	#0	QPSK		46.37	32.2	PASS
1	5	18025	8	#0	QPSK		54.67	35.2	PASS
1	5	18025	8	#Max	QPSK		54.46	35.2	PASS
1	5	18025	8	#Max	QPSK		47.48	32.2	PASS
1	5	18025	8	#Max	QPSK		47.20	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		44.63	29.2	PASS
1	5	18025	8	#Max	QPSK		46.87	32.2	PASS
1	5	18025	8	#Max	QPSK		54.44	35.2	PASS
1	5	18025	25	#0	QPSK		53.26	35.2	PASS
1	5	18025	25	#0	QPSK		48.44	32.2	PASS
1	5	18025	25	#0	QPSK		47.50	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		46.71	29.2	PASS
1	5	18025	25	#0	QPSK		47.67	32.2	PASS
1	5	18025	25	#0	QPSK		53.17	35.2	PASS
1	5	18025	8	#0	QAM16		53.32	35.2	PASS
1	5	18025	8	#0	QAM16		49.16	32.2	PASS
1	5	18025	8	#0	QAM16		47.24	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		46.30	29.2	PASS
1	5	18025	8	#0	QAM16		46.58	32.2	PASS
1	5	18025	8	#0	QAM16		53.68	35.2	PASS
1	5	18025	8	#Max	QAM16		53.36	35.2	PASS
1	5	18025	8	#Max	QAM16		47.82	32.2	PASS
1	5	18025	8	#Max	QAM16		47.48	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		46.68	29.2	PASS
1	5	18025	8	#Max	QAM16		48.87	32.2	PASS
1	5	18025	8	#Max	QAM16		53.49	35.2	PASS
1	5	18025	25	#0	QAM16		52.31	35.2	PASS
1	5	18025	25	#0	QAM16		47.76	32.2	PASS
1	5	18025	25	#0	QAM16		46.90	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		45.93	29.2	PASS
1	5	18025	25	#0	QAM16		46.94	32.2	PASS
1	5	18025	25	#0	QAM16		52.33	35.2	PASS
1	5	18300	8	#0	QPSK		53.90	35.2	PASS
1	5	18300	8	#0	QPSK		48.26	32.2	PASS
1	5	18300	8	#0	QPSK		45.47	29.2	PASS

1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		45.34	29.2	PASS
1	5	18300	8	#0	QPSK		45.62	32.2	PASS
1	5	18300	8	#0	QPSK		54.29	35.2	PASS
1	5	18300	8	#Max	QPSK		54.03	35.2	PASS
1	5	18300	8	#Max	QPSK		46.40	32.2	PASS
1	5	18300	8	#Max	QPSK		46.13	29.2	PASS
1	5	18300	8	#Max	QPSK		0.00	0	PASS
1	5	18300	8	#Max	QPSK		44.71	29.2	PASS
1	5	18300	8	#Max	QPSK		47.52	32.2	PASS
1	5	18300	8	#Max	QPSK		54.00	35.2	PASS
1	5	18300	25	#0	QPSK		52.81	35.2	PASS
1	5	18300	25	#0	QPSK		47.82	32.2	PASS
1	5	18300	25	#0	QPSK		46.89	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		46.11	29.2	PASS
1	5	18300	25	#0	QPSK		46.99	32.2	PASS
1	5	18300	25	#0	QPSK		53.00	35.2	PASS
1	5	18300	8	#0	QAM16		52.96	35.2	PASS
1	5	18300	8	#0	QAM16		49.36	32.2	PASS
1	5	18300	8	#0	QAM16		46.65	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		45.52	29.2	PASS
1	5	18300	8	#0	QAM16		45.77	32.2	PASS
1	5	18300	8	#0	QAM16		53.35	35.2	PASS
1	5	18300	8	#Max	QAM16		53.05	35.2	PASS
1	5	18300	8	#Max	QAM16		46.63	32.2	PASS
1	5	18300	8	#Max	QAM16		46.32	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		46.83	29.2	PASS
1	5	18300	8	#Max	QAM16		49.14	32.2	PASS
1	5	18300	8	#Max	QAM16		53.16	35.2	PASS
1	5	18300	25	#0	QAM16		52.04	35.2	PASS
1	5	18300	25	#0	QAM16		48.31	32.2	PASS
1	5	18300	25	#0	QAM16		47.26	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		46.77	29.2	PASS
1	5	18300	25	#0	QAM16		47.76	32.2	PASS
1	5	18300	25	#0	QAM16		52.18	35.2	PASS
1	5	18575	8	#0	QPSK		53.96	35.2	PASS
1	5	18575	8	#0	QPSK		42.88	32.2	PASS
1	5	18575	8	#0	QPSK		40.03	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS

1	5	18575	8	#0	QPSK		48.20	29.2	PASS
1	5	18575	8	#0	QPSK		48.56	32.2	PASS
1	5	18575	8	#0	QPSK		54.39	35.2	PASS
1	5	18575	8	#Max	QPSK		54.00	35.2	PASS
1	5	18575	8	#Max	QPSK		47.29	32.2	PASS
1	5	18575	8	#Max	QPSK		46.96	29.2	PASS
1	5	18575	8	#Max	QPSK		0.00	0	PASS
1	5	18575	8	#Max	QPSK		40.47	29.2	PASS
1	5	18575	8	#Max	QPSK		43.42	32.2	PASS
1	5	18575	8	#Max	QPSK		54.14	35.2	PASS
1	5	18575	25	#0	QPSK		52.59	35.2	PASS
1	5	18575	25	#0	QPSK		43.89	32.2	PASS
1	5	18575	25	#0	QPSK		43.04	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		43.88	29.2	PASS
1	5	18575	25	#0	QPSK		44.90	32.2	PASS
1	5	18575	25	#0	QPSK		52.89	35.2	PASS
1	5	18575	8	#0	QAM16		53.05	35.2	PASS
1	5	18575	8	#0	QAM16		44.51	32.2	PASS
1	5	18575	8	#0	QAM16		41.90	29.2	PASS
1	5	18575	8	#0	QAM16		0.00	0	PASS
1	5	18575	8	#0	QAM16		48.16	29.2	PASS
1	5	18575	8	#0	QAM16		48.55	32.2	PASS
1	5	18575	8	#0	QAM16		53.29	35.2	PASS
1	5	18575	8	#Max	QAM16		53.03	35.2	PASS
1	5	18575	8	#Max	QAM16		47.35	32.2	PASS
1	5	18575	8	#Max	QAM16		47.00	29.2	PASS
1	5	18575	8	#Max	QAM16		0.00	0	PASS
1	5	18575	8	#Max	QAM16		42.57	29.2	PASS
1	5	18575	8	#Max	QAM16		45.39	32.2	PASS
1	5	18575	8	#Max	QAM16		53.18	35.2	PASS
1	5	18575	25	#0	QAM16		51.83	35.2	PASS
1	5	18575	25	#0	QAM16		45.21	32.2	PASS
1	5	18575	25	#0	QAM16		44.23	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		45.03	29.2	PASS
1	5	18575	25	#0	QAM16		45.96	32.2	PASS
1	5	18575	25	#0	QAM16		52.14	35.2	PASS
1	10	18050	12	#0	QPSK		53.85	35.2	PASS
1	10	18050	12	#0	QPSK		48.13	32.2	PASS
1	10	18050	12	#0	QPSK		46.64	29.2	PASS
1	10	18050	12	#0	QPSK		0.00	0	PASS
1	10	18050	12	#0	QPSK		45.02	29.2	PASS

1	10	18050	12	#0	QPSK		49.94	32.2	PASS
1	10	18050	12	#0	QPSK		48.95	35.2	PASS
1	10	18050	12	#Max	QPSK		50.09	35.2	PASS
1	10	18050	12	#Max	QPSK		50.67	32.2	PASS
1	10	18050	12	#Max	QPSK		46.06	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		45.13	29.2	PASS
1	10	18050	12	#Max	QPSK		46.16	32.2	PASS
1	10	18050	12	#Max	QPSK		54.34	35.2	PASS
1	10	18050	50	#0	QPSK		51.47	35.2	PASS
1	10	18050	50	#0	QPSK		49.96	32.2	PASS
1	10	18050	50	#0	QPSK		46.97	29.2	PASS
1	10	18050	50	#0	QPSK		0.00	0	PASS
1	10	18050	50	#0	QPSK		45.40	29.2	PASS
1	10	18050	50	#0	QPSK		47.90	32.2	PASS
1	10	18050	50	#0	QPSK		50.85	35.2	PASS
1	10	18050	12	#0	QAM16		52.92	35.2	PASS
1	10	18050	12	#0	QAM16		48.34	32.2	PASS
1	10	18050	12	#0	QAM16		46.53	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
1	10	18050	12	#0	QAM16		45.08	29.2	PASS
1	10	18050	12	#0	QAM16		49.79	32.2	PASS
1	10	18050	12	#0	QAM16		49.03	35.2	PASS
1	10	18050	12	#Max	QAM16		49.97	35.2	PASS
1	10	18050	12	#Max	QAM16		50.43	32.2	PASS
1	10	18050	12	#Max	QAM16		45.97	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		45.65	29.2	PASS
1	10	18050	12	#Max	QAM16		47.00	32.2	PASS
1	10	18050	12	#Max	QAM16		53.47	35.2	PASS
1	10	18050	50	#0	QAM16		50.53	35.2	PASS
1	10	18050	50	#0	QAM16		48.12	32.2	PASS
1	10	18050	50	#0	QAM16		45.46	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		44.36	29.2	PASS
1	10	18050	50	#0	QAM16		46.73	32.2	PASS
1	10	18050	50	#0	QAM16		50.01	35.2	PASS
1	10	18300	12	#0	QPSK		53.52	35.2	PASS
1	10	18300	12	#0	QPSK		47.73	32.2	PASS
1	10	18300	12	#0	QPSK		46.27	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		45.81	29.2	PASS
1	10	18300	12	#0	QPSK		50.47	32.2	PASS

1	10	18300	12	#0	QPSK		49.86	35.2	PASS
1	10	18300	12	#Max	QPSK		49.50	35.2	PASS
1	10	18300	12	#Max	QPSK		50.51	32.2	PASS
1	10	18300	12	#Max	QPSK		45.71	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		45.41	29.2	PASS
1	10	18300	12	#Max	QPSK		46.55	32.2	PASS
1	10	18300	12	#Max	QPSK		53.95	35.2	PASS
1	10	18300	50	#0	QPSK		50.44	35.2	PASS
1	10	18300	50	#0	QPSK		48.70	32.2	PASS
1	10	18300	50	#0	QPSK		45.83	29.2	PASS
1	10	18300	50	#0	QPSK		0.00	0	PASS
1	10	18300	50	#0	QPSK		44.93	29.2	PASS
1	10	18300	50	#0	QPSK		47.29	32.2	PASS
1	10	18300	50	#0	QPSK		50.47	35.2	PASS
1	10	18300	12	#0	QAM16		52.60	35.2	PASS
1	10	18300	12	#0	QAM16		47.98	32.2	PASS
1	10	18300	12	#0	QAM16		46.19	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		45.83	29.2	PASS
1	10	18300	12	#0	QAM16		50.37	32.2	PASS
1	10	18300	12	#0	QAM16		49.82	35.2	PASS
1	10	18300	12	#Max	QAM16		49.42	35.2	PASS
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1	10	18300	12	#Max	QAM16		45.57	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		45.57	29.2	PASS
1	10	18300	12	#Max	QAM16		47.08	32.2	PASS
1	10	18300	12	#Max	QAM16		53.03	35.2	PASS
1	10	18300	50	#0	QAM16		50.32	35.2	PASS
1	10	18300	50	#0	QAM16		48.82	32.2	PASS
1	10	18300	50	#0	QAM16		45.79	29.2	PASS
1	10	18300	50	#0	QAM16		0.00	0	PASS
1	10	18300	50	#0	QAM16		45.21	29.2	PASS
1	10	18300	50	#0	QAM16		47.76	32.2	PASS
1	10	18300	50	#0	QAM16		50.49	35.2	PASS
1	10	18550	12	#0	QPSK		53.46	35.2	PASS
1	10	18550	12	#0	QPSK		43.76	32.2	PASS
1	10	18550	12	#0	QPSK		42.91	29.2	PASS
1	10	18550	12	#0	QPSK		0.00	0	PASS
1	10	18550	12	#0	QPSK		46.85	29.2	PASS
1	10	18550	12	#0	QPSK		51.25	32.2	PASS
1	10	18550	12	#0	QPSK		50.77	35.2	PASS

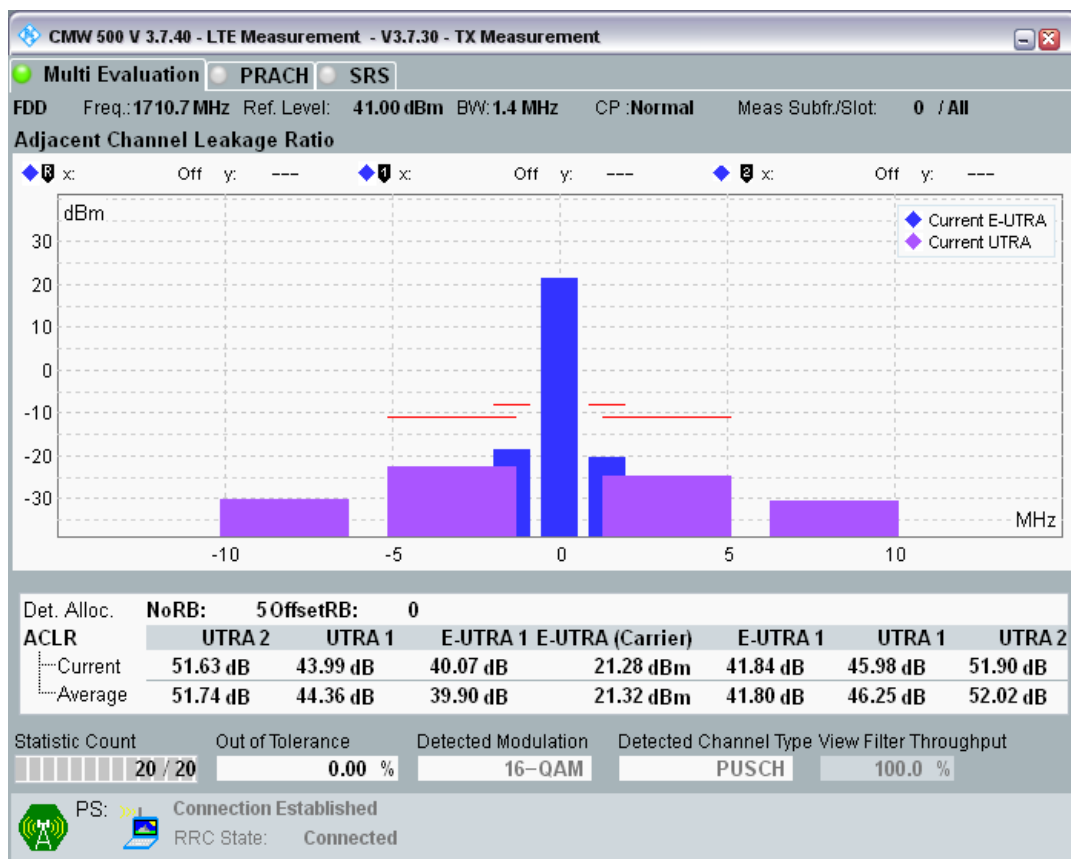
1	10	18550	12	#Max	QPSK		50.29	35.2	PASS
1	10	18550	12	#Max	QPSK		50.90	32.2	PASS
1	10	18550	12	#Max	QPSK		46.43	29.2	PASS
1	10	18550	12	#Max	QPSK		0.00	0	PASS
1	10	18550	12	#Max	QPSK		41.89	29.2	PASS
1	10	18550	12	#Max	QPSK		42.66	32.2	PASS
1	10	18550	12	#Max	QPSK		53.98	35.2	PASS
1	10	18550	50	#0	QPSK		49.52	35.2	PASS
1	10	18550	50	#0	QPSK		45.83	32.2	PASS
1	10	18550	50	#0	QPSK		43.65	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		43.69	29.2	PASS
1	10	18550	50	#0	QPSK		45.53	32.2	PASS
1	10	18550	50	#0	QPSK		50.36	35.2	PASS
1	10	18550	12	#0	QAM16		52.50	35.2	PASS
1	10	18550	12	#0	QAM16		45.47	32.2	PASS
1	10	18550	12	#0	QAM16		44.12	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		46.77	29.2	PASS
1	10	18550	12	#0	QAM16		50.96	32.2	PASS
1	10	18550	12	#0	QAM16		50.86	35.2	PASS
1	10	18550	12	#Max	QAM16		50.04	35.2	PASS
1	10	18550	12	#Max	QAM16		50.82	32.2	PASS
1	10	18550	12	#Max	QAM16		46.28	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		43.10	29.2	PASS
1	10	18550	12	#Max	QAM16		44.29	32.2	PASS
1	10	18550	12	#Max	QAM16		53.02	35.2	PASS
1	10	18550	50	#0	QAM16		49.68	35.2	PASS
1	10	18550	50	#0	QAM16		46.42	32.2	PASS
1	10	18550	50	#0	QAM16		44.11	29.2	PASS
1	10	18550	50	#0	QAM16		0.00	0	PASS
1	10	18550	50	#0	QAM16		44.34	29.2	PASS
1	10	18550	50	#0	QAM16		46.42	32.2	PASS
1	10	18550	50	#0	QAM16		50.42	35.2	PASS
1	20	18100	18	#0	QPSK		53.13	35.2	PASS
1	20	18100	18	#0	QPSK		48.27	32.2	PASS
1	20	18100	18	#0	QPSK		45.69	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		43.93	29.2	PASS
1	20	18100	18	#0	QPSK		53.89	32.2	PASS
1	20	18100	18	#0	QPSK		52.49	35.2	PASS
1	20	18100	18	#Max	QPSK		52.79	35.2	PASS

1	20	18100	18	#Max	QPSK		53.50	32.2	PASS
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1	20	18100	18	#Max	QPSK		0.00	0	PASS
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1	20	18100	18	#Max	QPSK		46.09	32.2	PASS
1	20	18100	18	#Max	QPSK		54.03	35.2	PASS
1	20	18100	100	#0	QPSK		51.25	35.2	PASS
1	20	18100	100	#0	QPSK		50.46	32.2	PASS
1	20	18100	100	#0	QPSK		45.10	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
1	20	18100	100	#0	QPSK		43.43	29.2	PASS
1	20	18100	100	#0	QPSK		48.58	32.2	PASS
1	20	18100	100	#0	QPSK		49.77	35.2	PASS
1	20	18100	18	#0	QAM16		52.24	35.2	PASS
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1	20	18100	18	#0	QAM16		45.35	29.2	PASS
1	20	18100	18	#0	QAM16		0.00	0	PASS
1	20	18100	18	#0	QAM16		43.72	29.2	PASS
1	20	18100	18	#0	QAM16		52.92	32.2	PASS
1	20	18100	18	#0	QAM16		52.13	35.2	PASS
1	20	18100	18	#Max	QAM16		52.02	35.2	PASS
1	20	18100	18	#Max	QAM16		52.53	32.2	PASS
1	20	18100	18	#Max	QAM16		45.52	29.2	PASS
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1	20	18100	18	#Max	QAM16		44.98	29.2	PASS
1	20	18100	18	#Max	QAM16		47.62	32.2	PASS
1	20	18100	18	#Max	QAM16		53.02	35.2	PASS
1	20	18100	100	#0	QAM16		50.25	35.2	PASS
1	20	18100	100	#0	QAM16		49.66	32.2	PASS
1	20	18100	100	#0	QAM16		44.25	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
1	20	18100	100	#0	QAM16		43.15	29.2	PASS
1	20	18100	100	#0	QAM16		48.39	32.2	PASS
1	20	18100	100	#0	QAM16		49.51	35.2	PASS
1	20	18300	18	#0	QPSK		52.96	35.2	PASS
1	20	18300	18	#0	QPSK		47.25	32.2	PASS
1	20	18300	18	#0	QPSK		45.20	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		44.42	29.2	PASS
1	20	18300	18	#0	QPSK		53.77	32.2	PASS
1	20	18300	18	#0	QPSK		52.75	35.2	PASS
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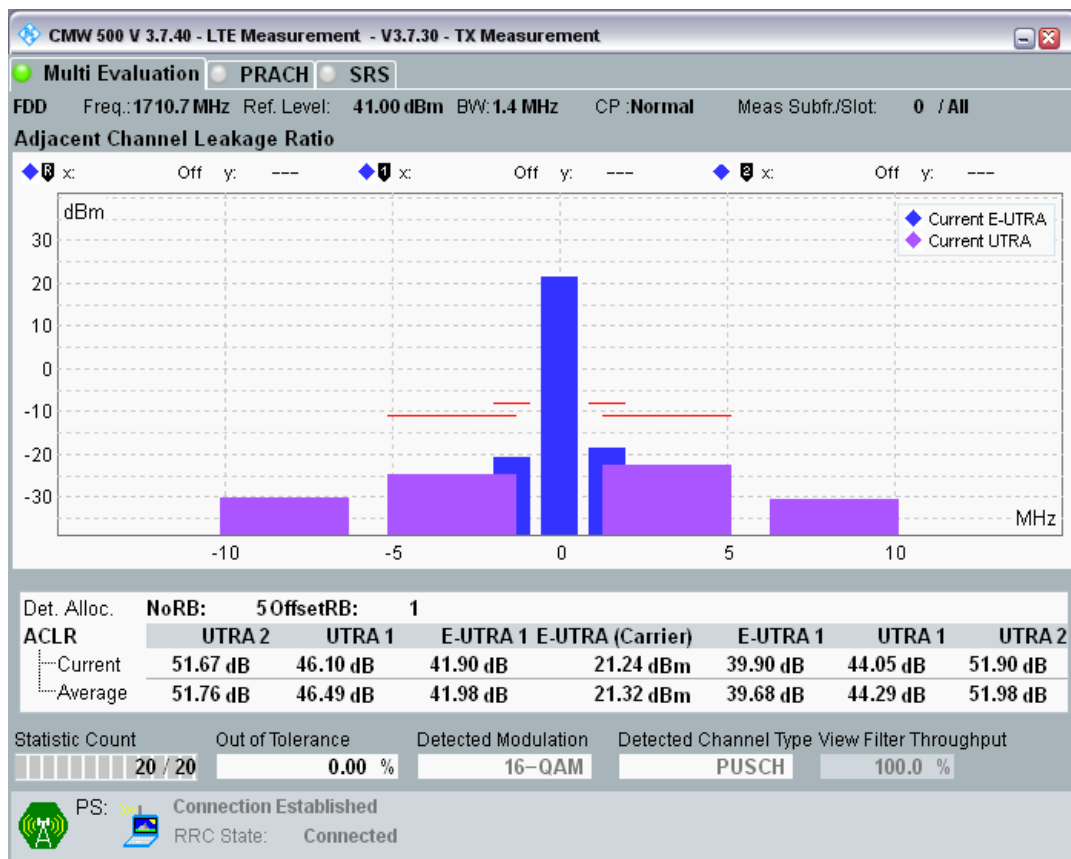
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1	20	18300	18	#Max	QPSK		47.28	32.2	PASS
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1	20	18300	100	#0	QPSK		50.13	32.2	PASS
1	20	18300	100	#0	QPSK		44.54	29.2	PASS
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1	20	18300	100	#0	QPSK		43.72	29.2	PASS
1	20	18300	100	#0	QPSK		49.20	32.2	PASS
1	20	18300	100	#0	QPSK		50.00	35.2	PASS
1	20	18300	18	#0	QAM16		52.01	35.2	PASS
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1	20	18300	18	#0	QAM16		44.76	29.2	PASS
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1	20	18300	18	#0	QAM16		44.12	29.2	PASS
1	20	18300	18	#0	QAM16		52.78	32.2	PASS
1	20	18300	18	#0	QAM16		52.29	35.2	PASS
1	20	18300	18	#Max	QAM16		51.30	35.2	PASS
1	20	18300	18	#Max	QAM16		51.98	32.2	PASS
1	20	18300	18	#Max	QAM16		44.66	29.2	PASS
1	20	18300	18	#Max	QAM16		0.00	0	PASS
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1	20	18300	18	#Max	QAM16		47.53	32.2	PASS
1	20	18300	18	#Max	QAM16		52.60	35.2	PASS
1	20	18300	100	#0	QAM16		49.74	35.2	PASS
1	20	18300	100	#0	QAM16		49.36	32.2	PASS
1	20	18300	100	#0	QAM16		43.81	29.2	PASS
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1	20	18300	100	#0	QAM16		43.22	29.2	PASS
1	20	18300	100	#0	QAM16		48.68	32.2	PASS
1	20	18300	100	#0	QAM16		49.55	35.2	PASS
1	20	18500	18	#0	QPSK		52.62	35.2	PASS
1	20	18500	18	#0	QPSK		47.72	32.2	PASS
1	20	18500	18	#0	QPSK		45.22	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
1	20	18500	18	#0	QPSK		45.60	29.2	PASS
1	20	18500	18	#0	QPSK		53.50	32.2	PASS
1	20	18500	18	#0	QPSK		52.82	35.2	PASS
1	20	18500	18	#Max	QPSK		52.09	35.2	PASS
1	20	18500	18	#Max	QPSK		53.13	32.2	PASS
1	20	18500	18	#Max	QPSK		45.07	29.2	PASS

1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		44.10	29.2	PASS
1	20	18500	18	#Max	QPSK		44.22	32.2	PASS
1	20	18500	18	#Max	QPSK		53.83	35.2	PASS
1	20	18500	100	#0	QPSK		49.23	35.2	PASS
1	20	18500	100	#0	QPSK		48.23	32.2	PASS
1	20	18500	100	#0	QPSK		43.29	29.2	PASS
1	20	18500	100	#0	QPSK		0.00	0	PASS
1	20	18500	100	#0	QPSK		43.09	29.2	PASS
1	20	18500	100	#0	QPSK		47.57	32.2	PASS
1	20	18500	100	#0	QPSK		49.00	35.2	PASS
1	20	18500	18	#0	QAM16		51.60	35.2	PASS
1	20	18500	18	#0	QAM16		47.75	32.2	PASS
1	20	18500	18	#0	QAM16		44.61	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		45.05	29.2	PASS
1	20	18500	18	#0	QAM16		52.43	32.2	PASS
1	20	18500	18	#0	QAM16		52.21	35.2	PASS
1	20	18500	18	#Max	QAM16		51.34	35.2	PASS
1	20	18500	18	#Max	QAM16		52.10	32.2	PASS
1	20	18500	18	#Max	QAM16		44.52	29.2	PASS
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1	20	18500	18	#Max	QAM16		45.51	32.2	PASS
1	20	18500	18	#Max	QAM16		52.80	35.2	PASS
1	20	18500	100	#0	QAM16		49.57	35.2	PASS
1	20	18500	100	#0	QAM16		49.03	32.2	PASS
1	20	18500	100	#0	QAM16		43.61	29.2	PASS
1	20	18500	100	#0	QAM16		0.00	0	PASS
1	20	18500	100	#0	QAM16		43.61	29.2	PASS
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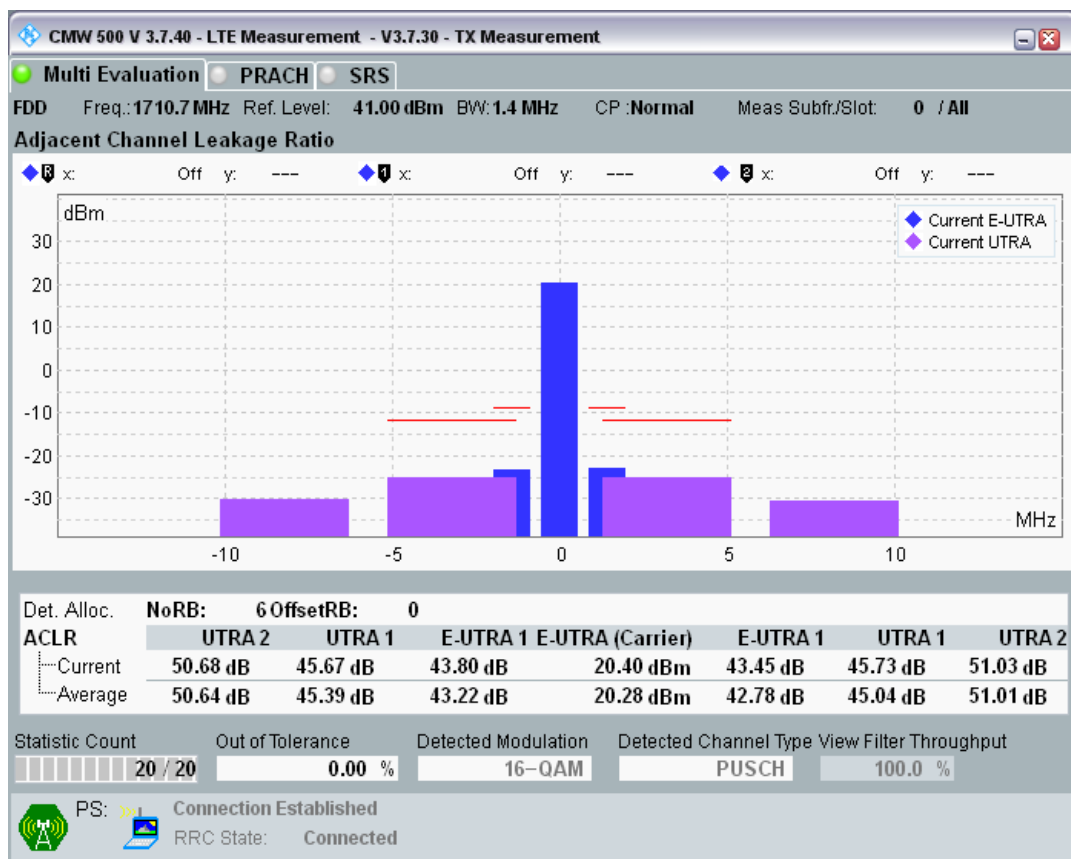
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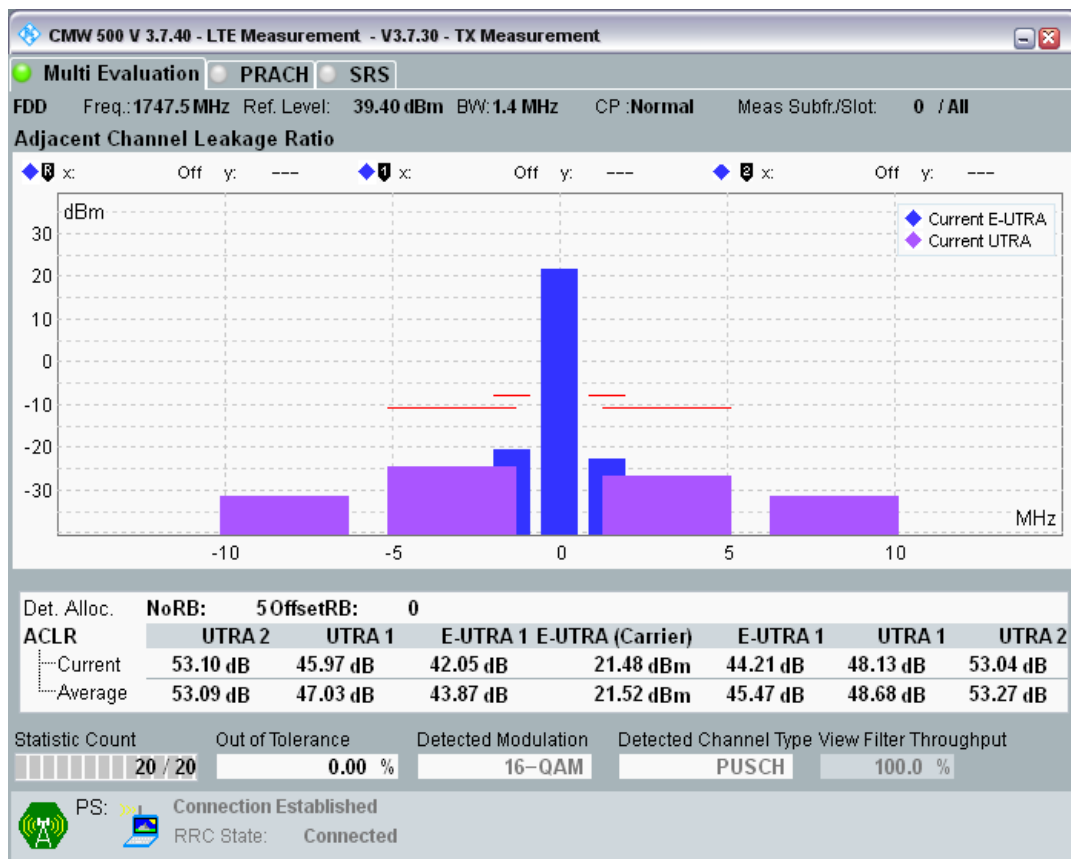
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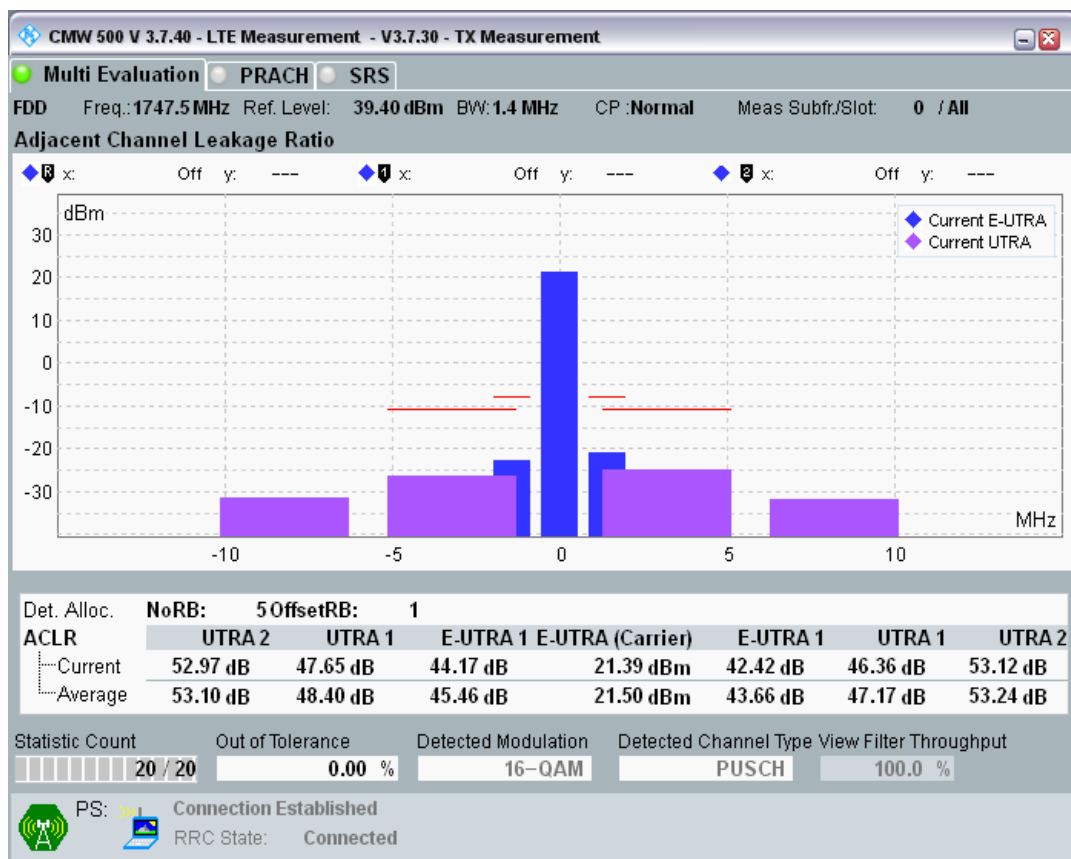
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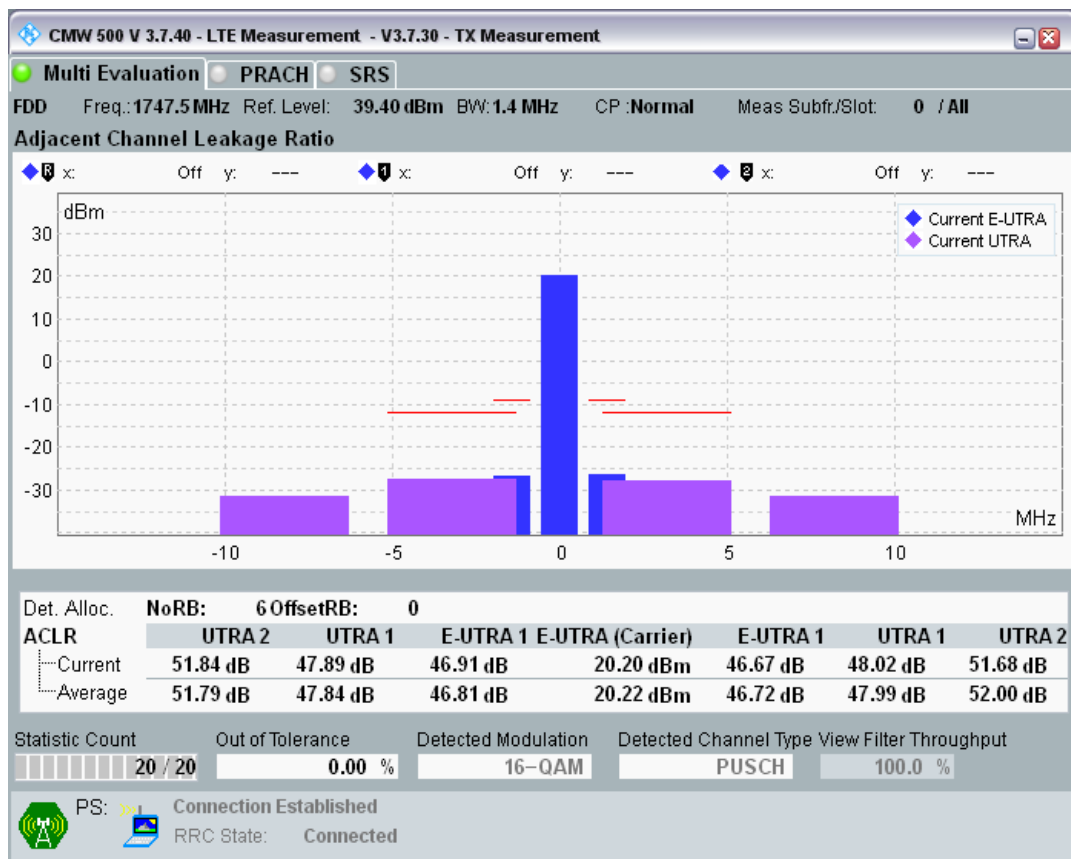
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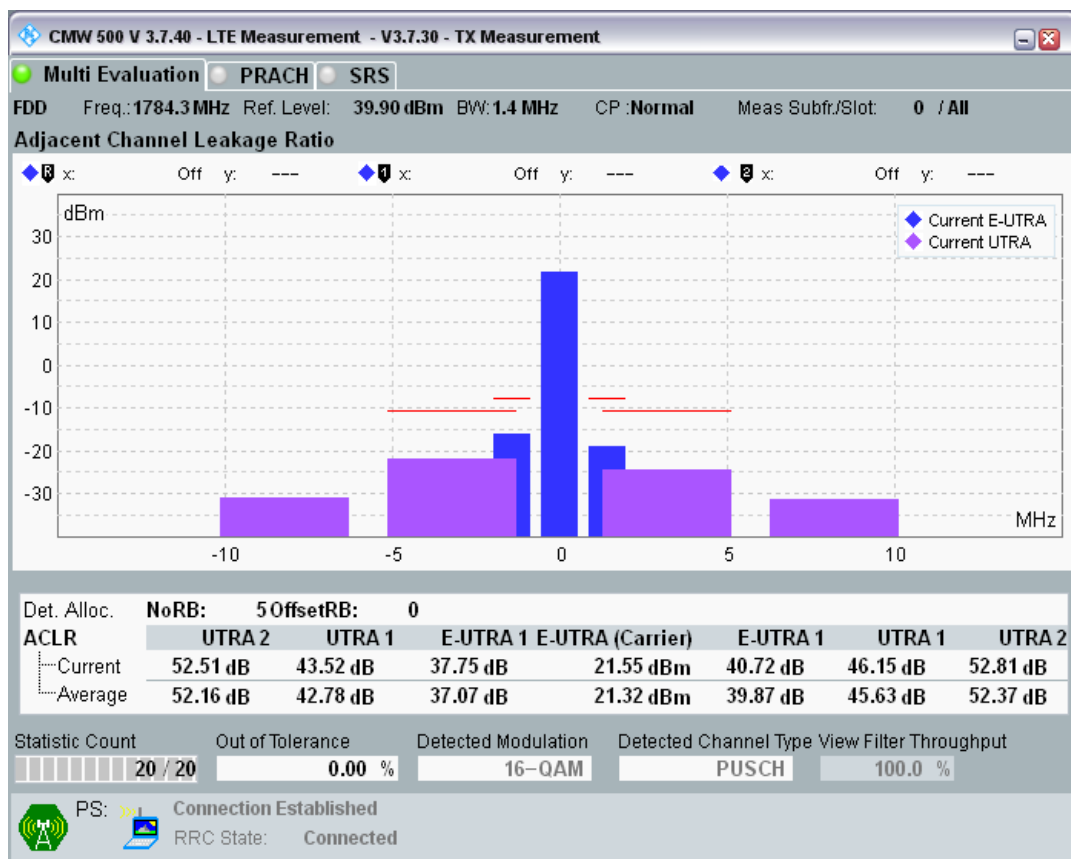
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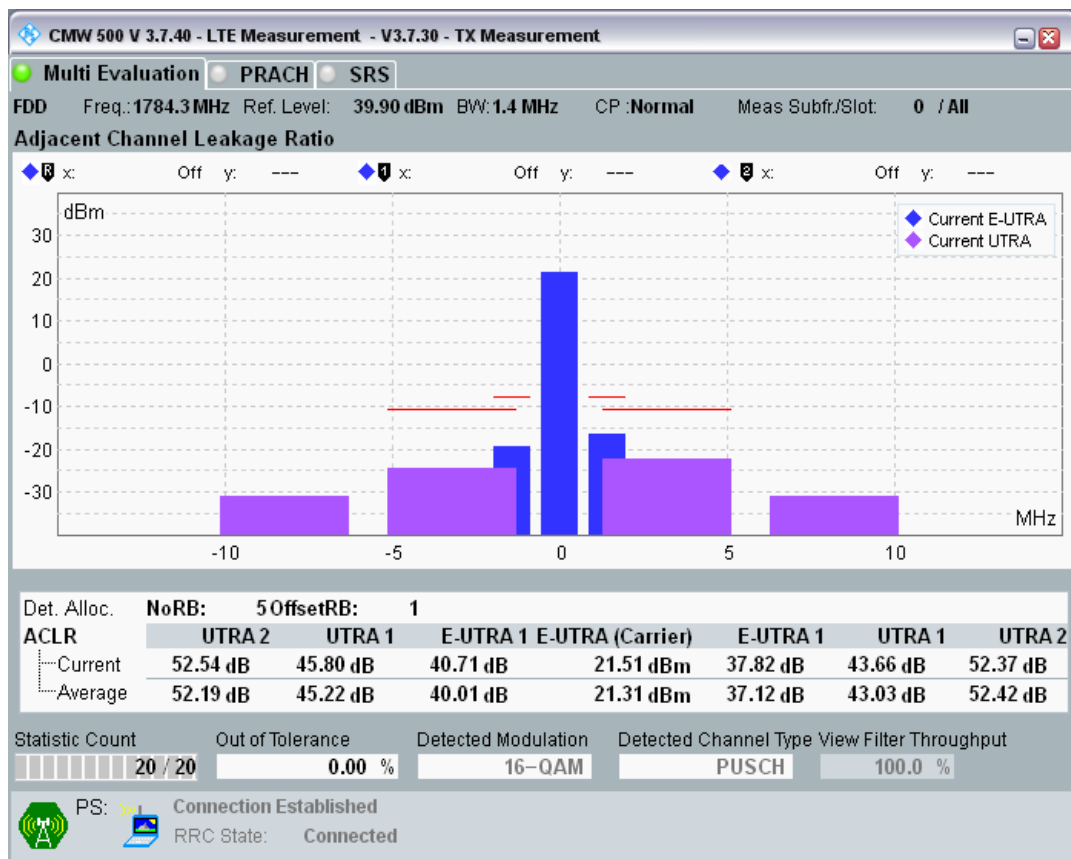
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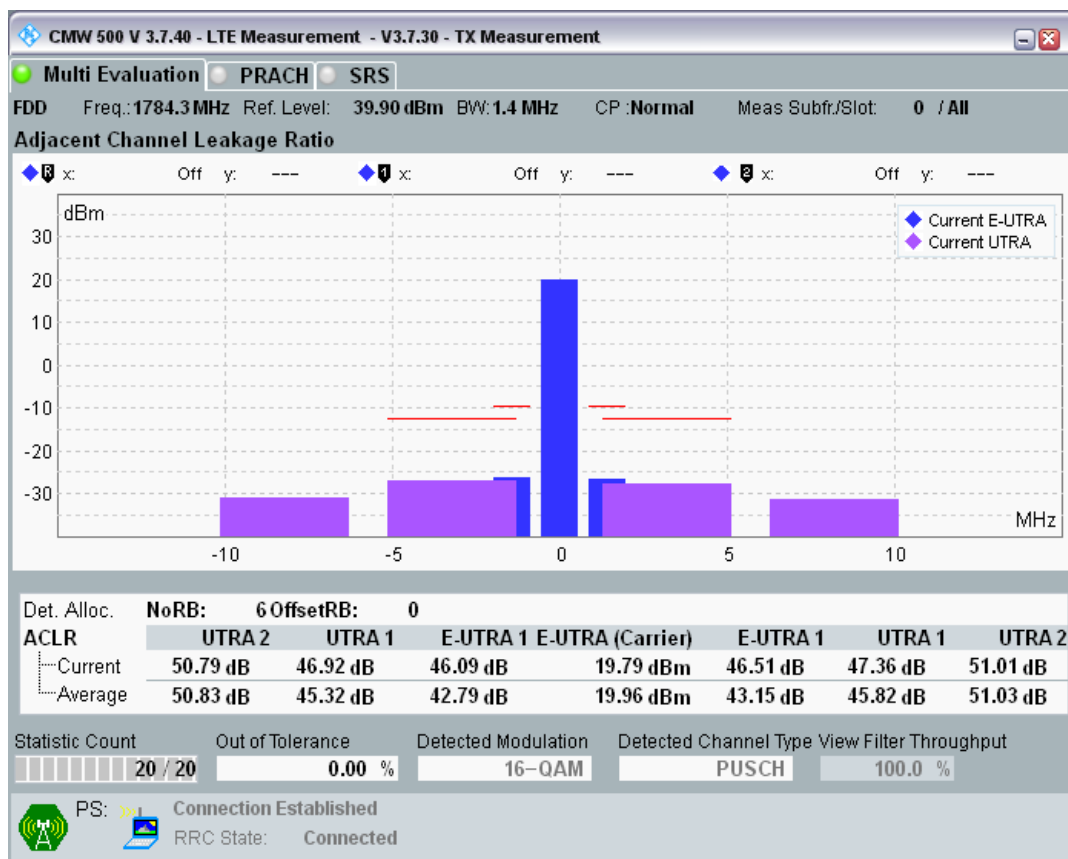
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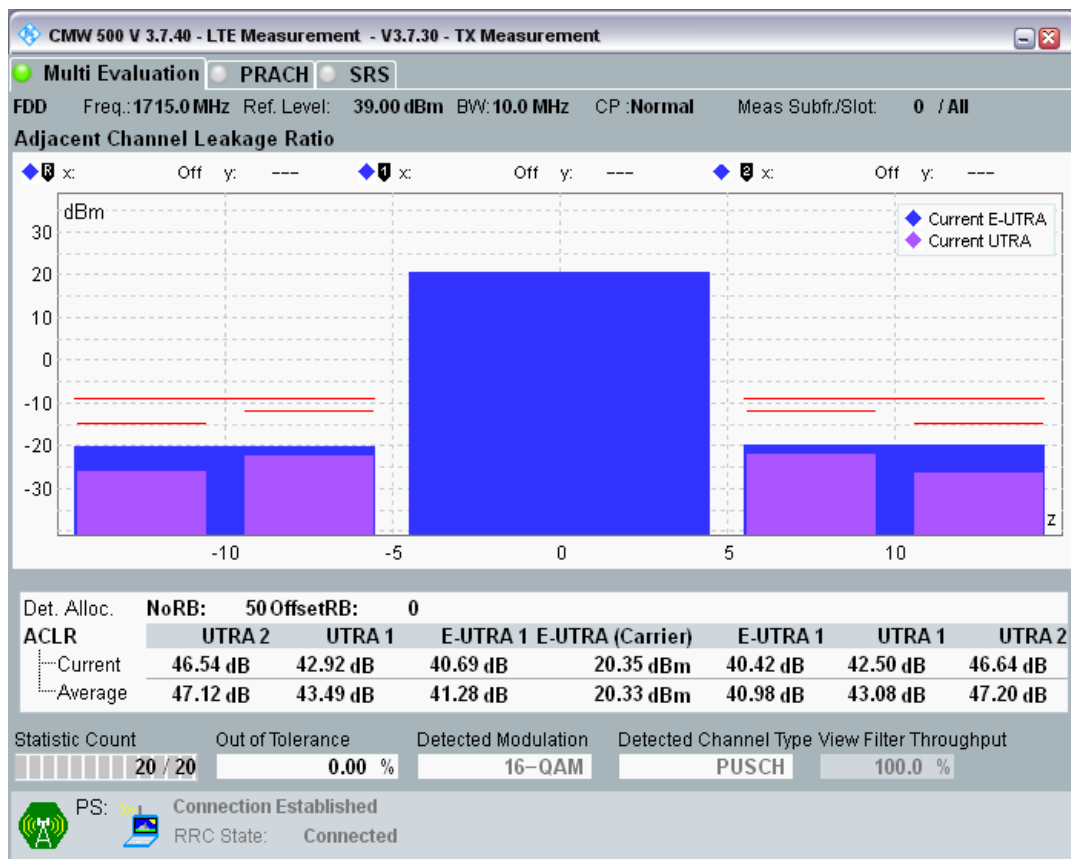
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Band3 QAM16 BW=10MHz Channel=19250 RB Size=12 Position=#Max.png



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



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



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



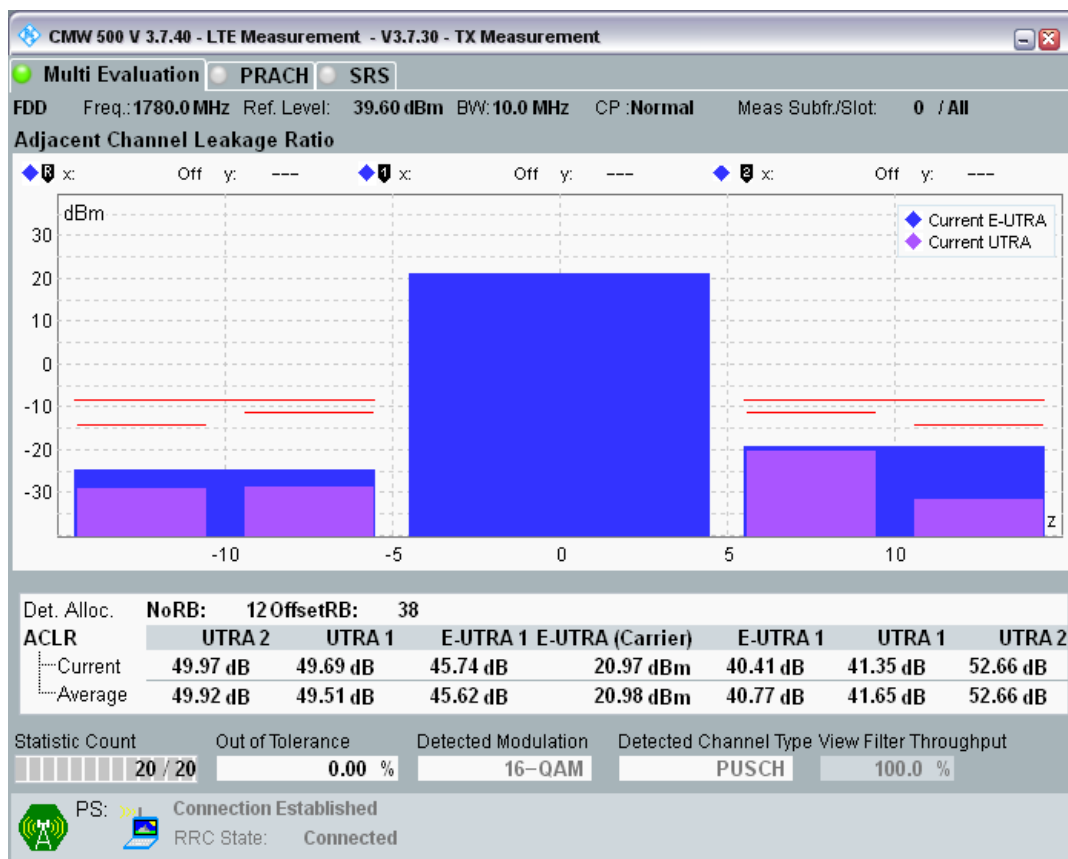
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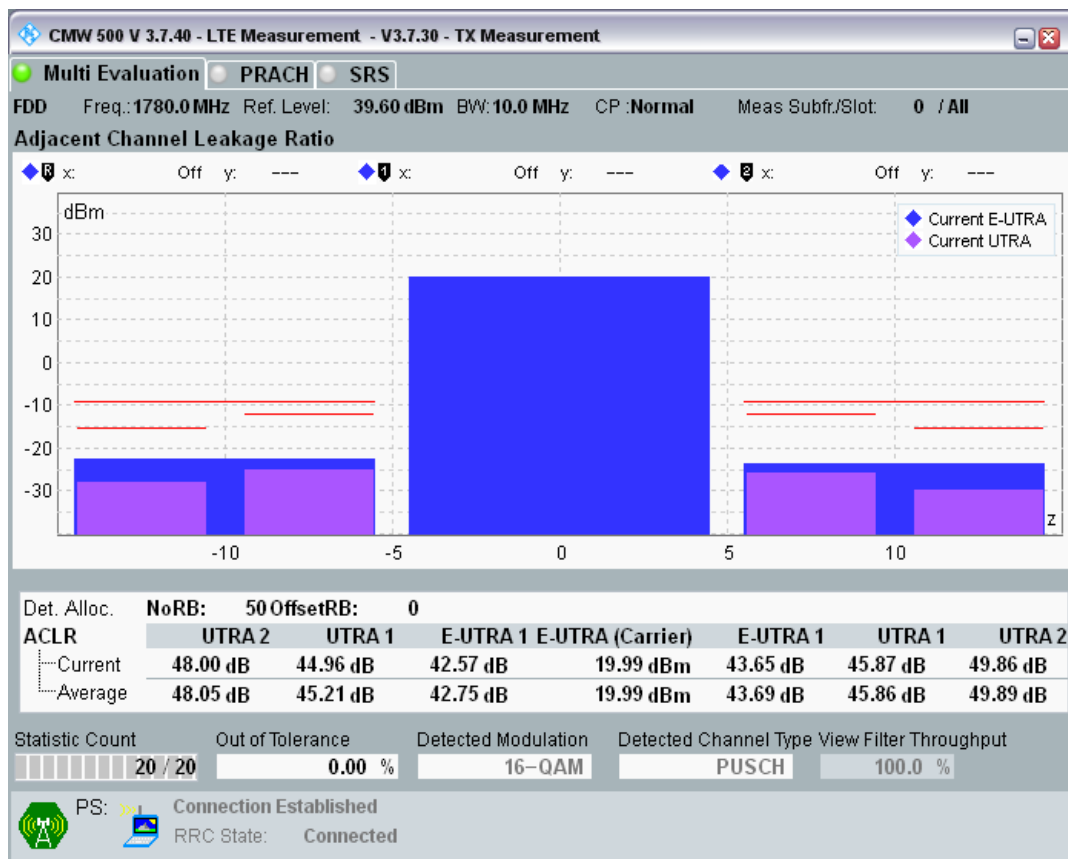
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Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#Max.png



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



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



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



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



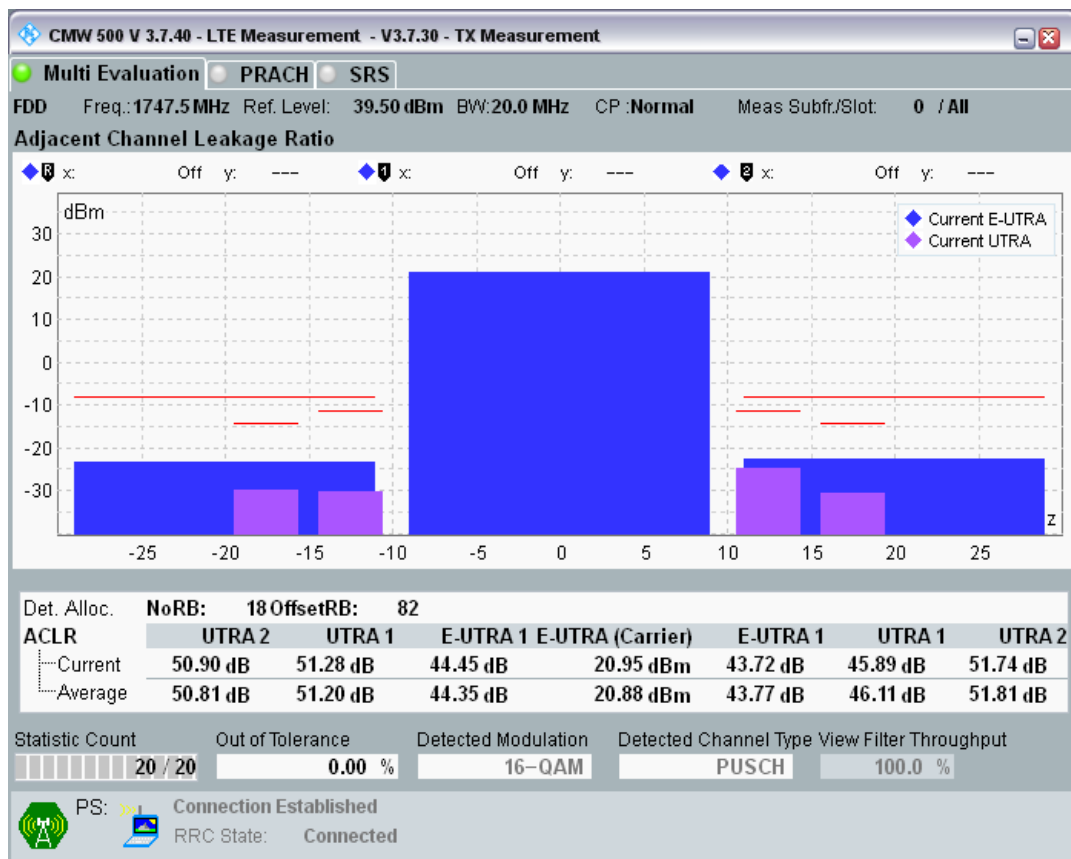
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Band3 QAM16 BW=20MHz Channel=19575 RB Size=18 Position=#0.png



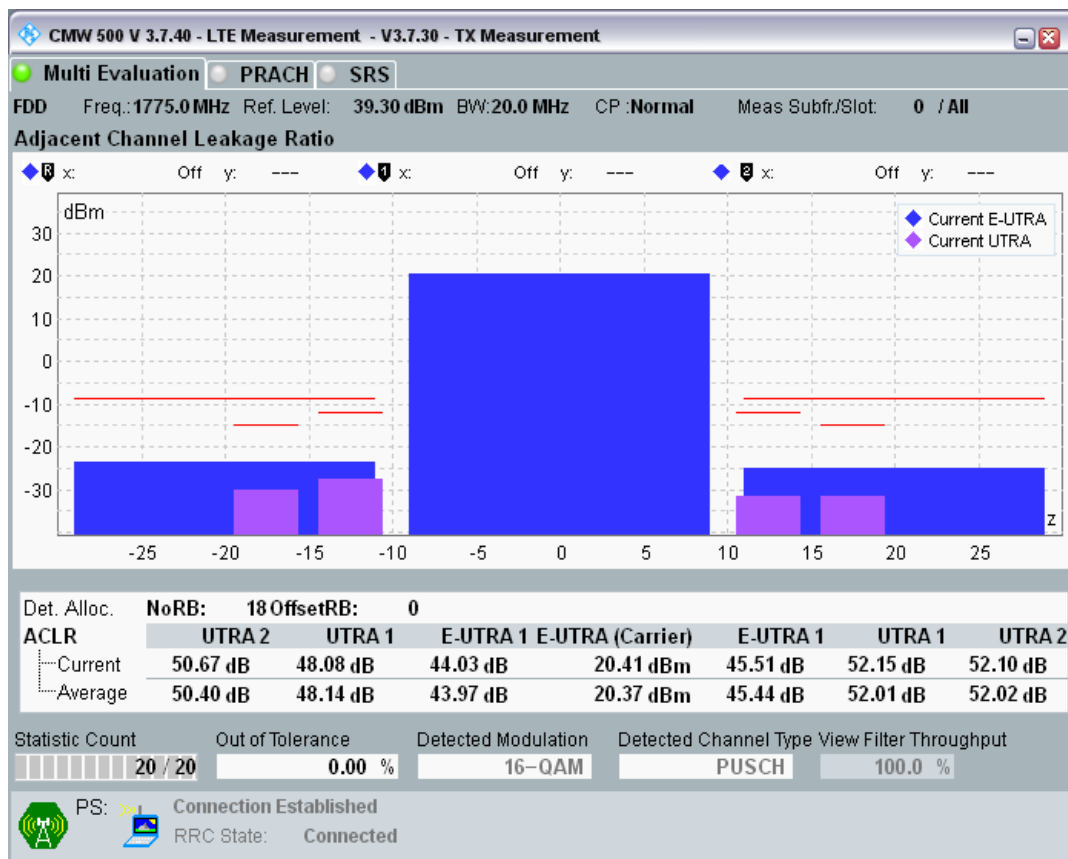
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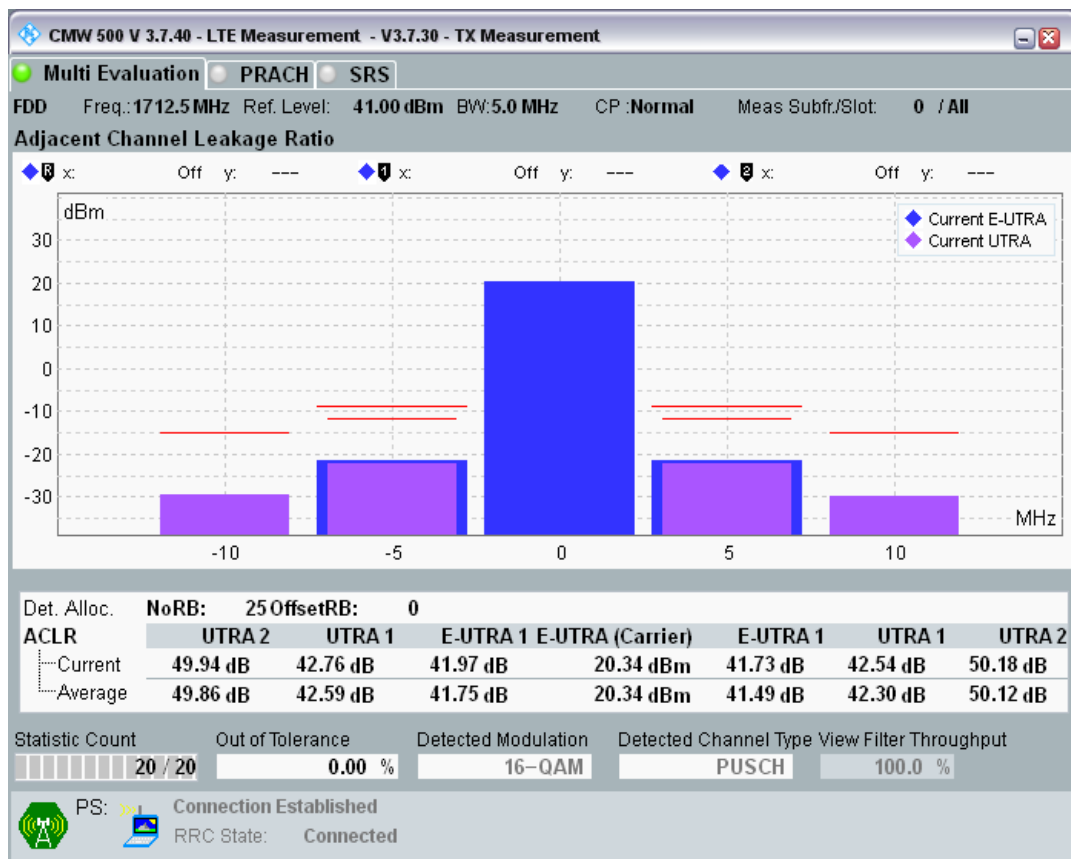
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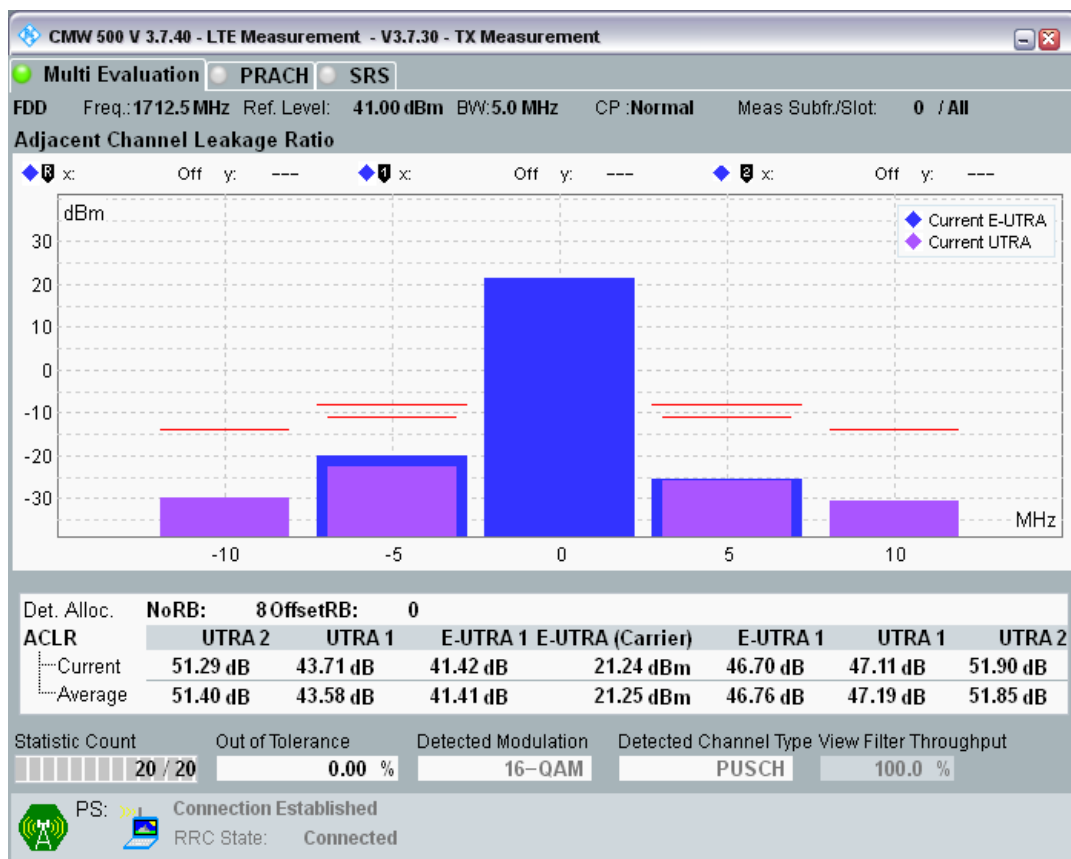
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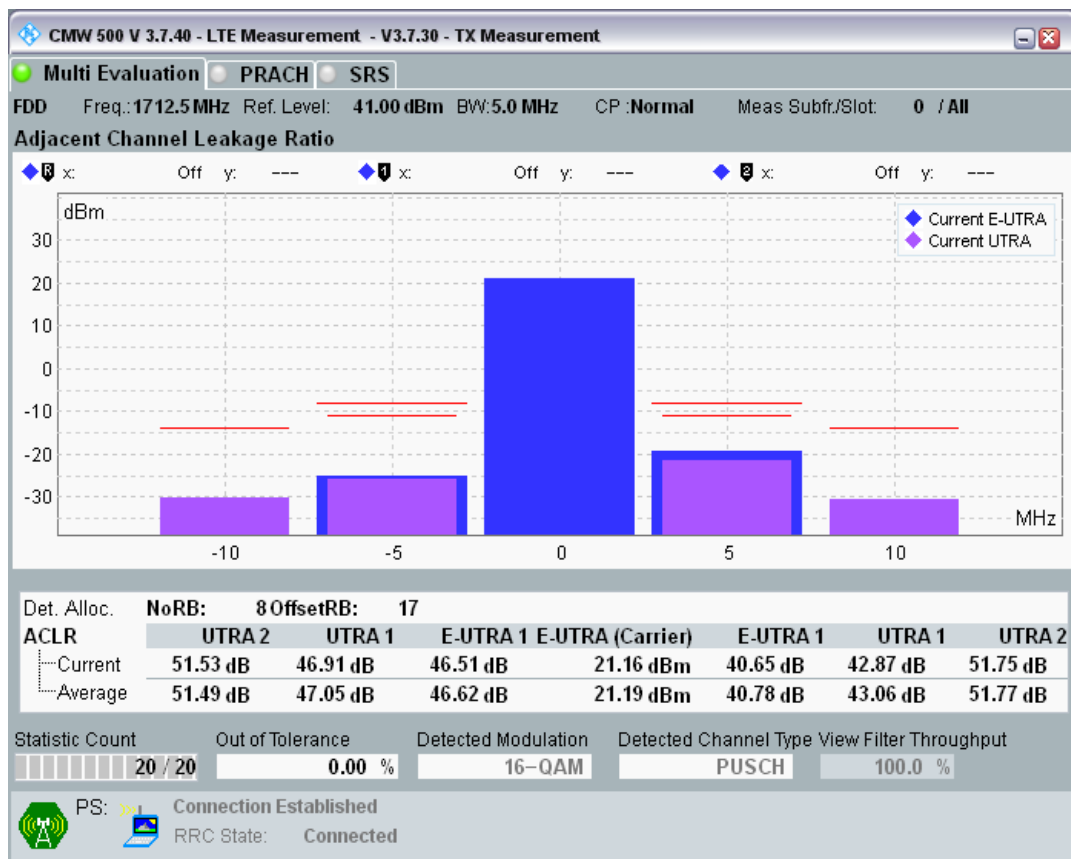
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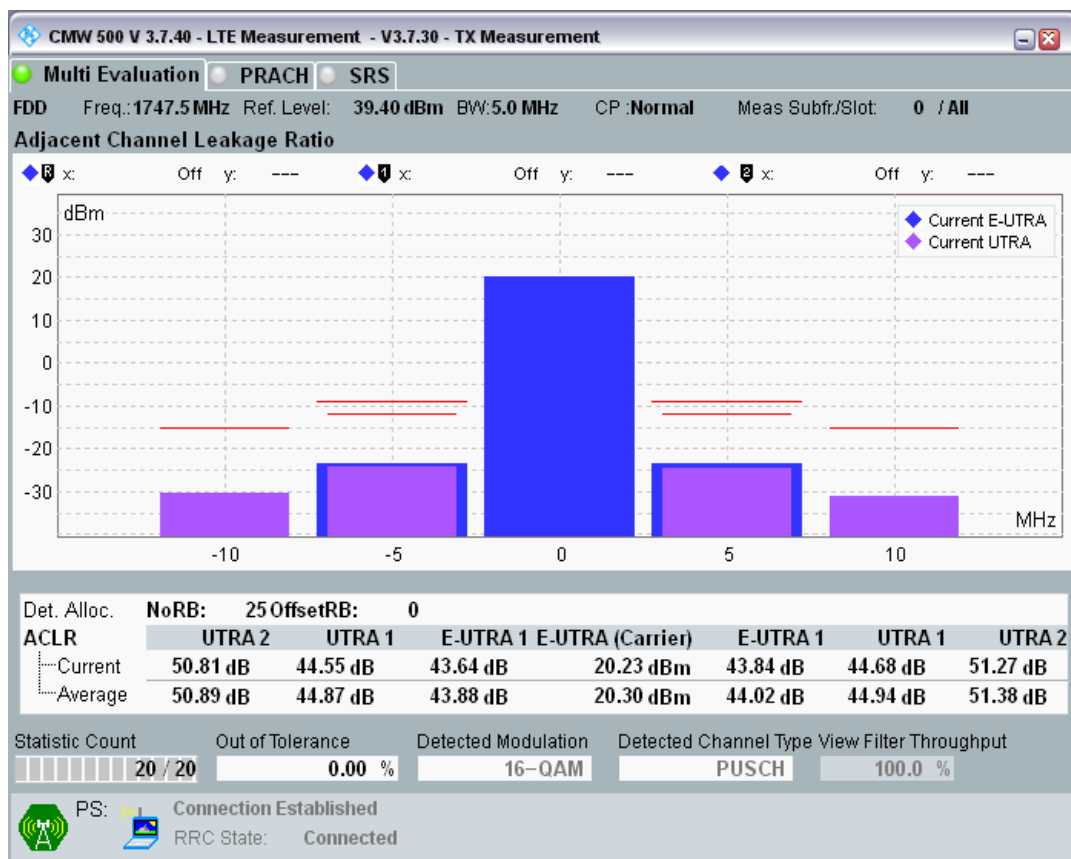
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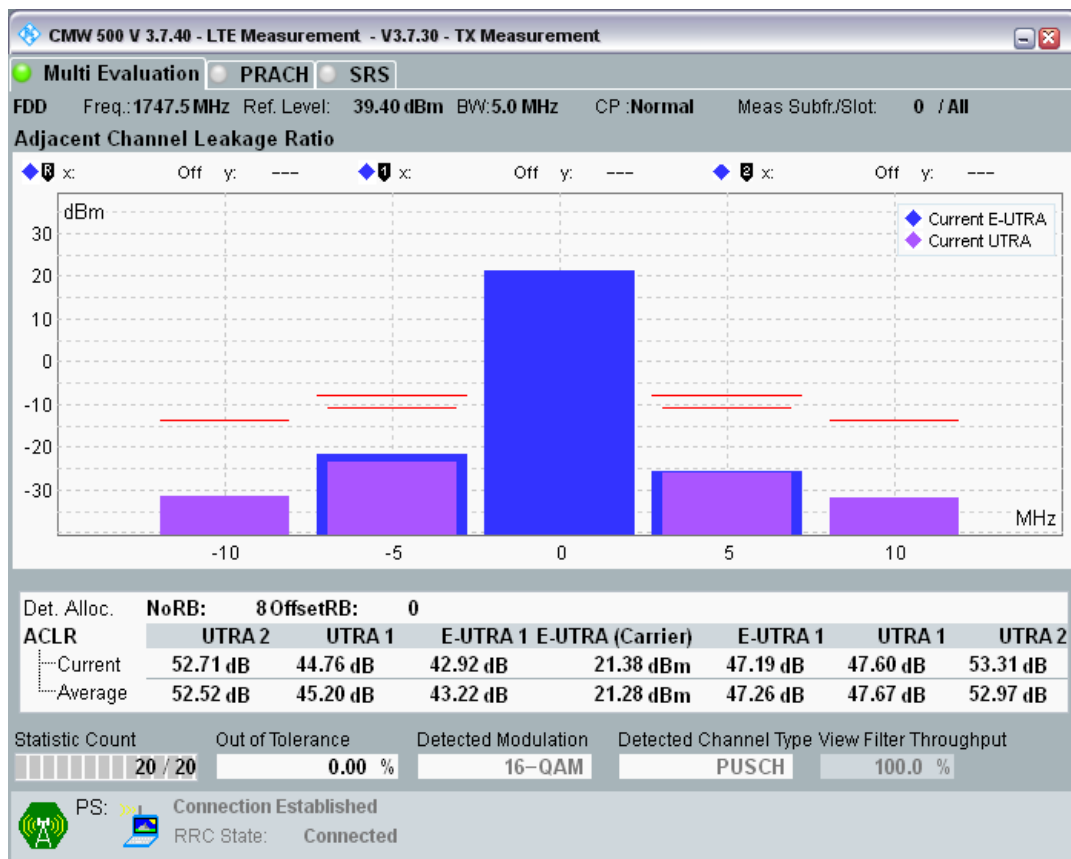
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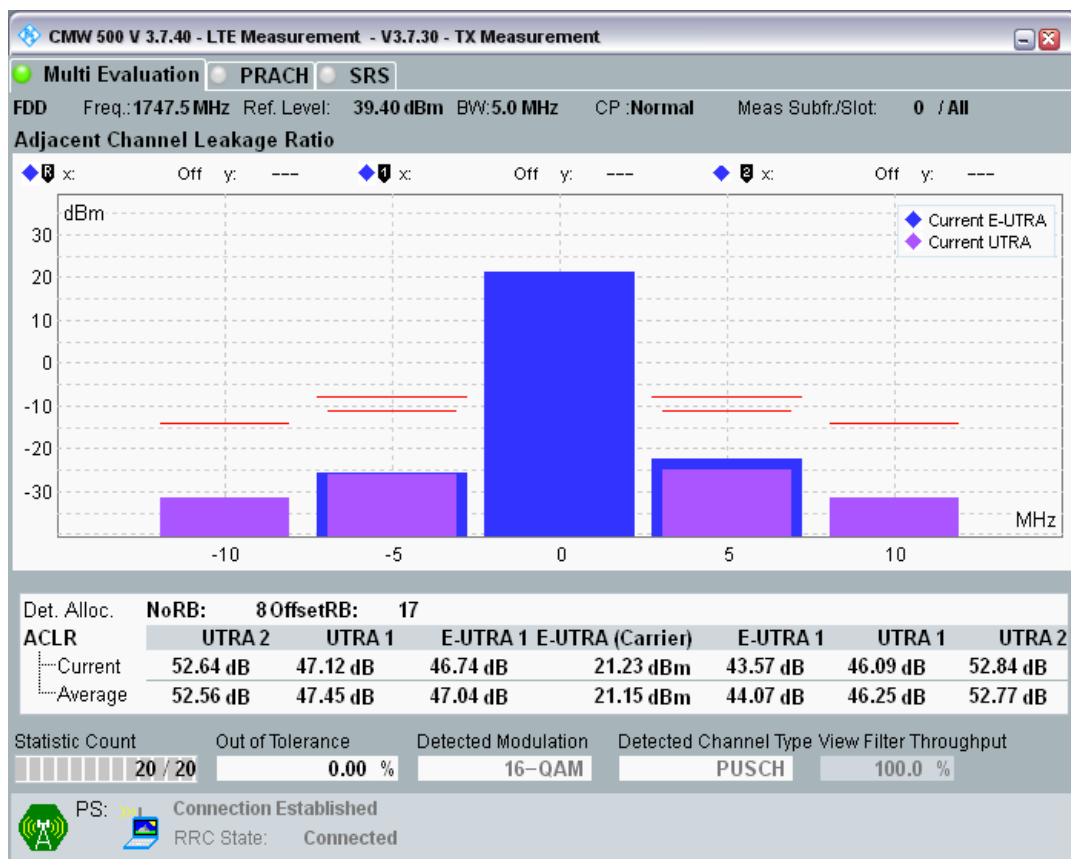
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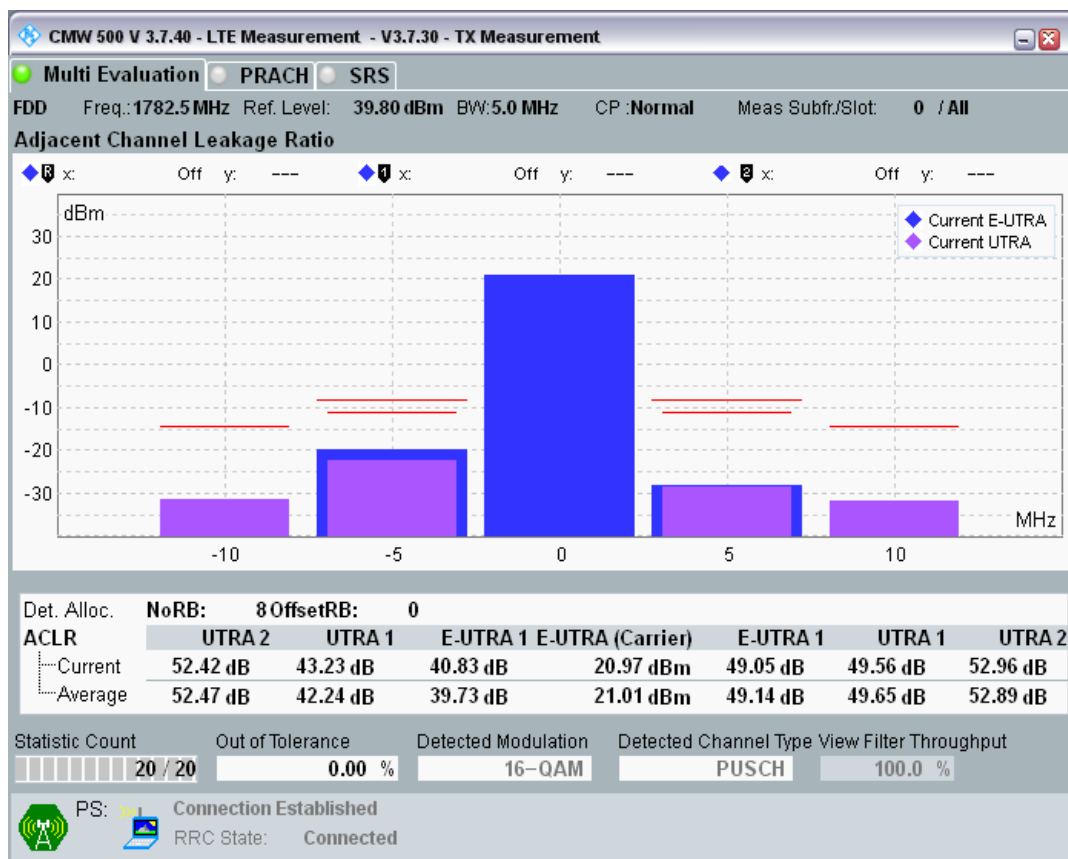
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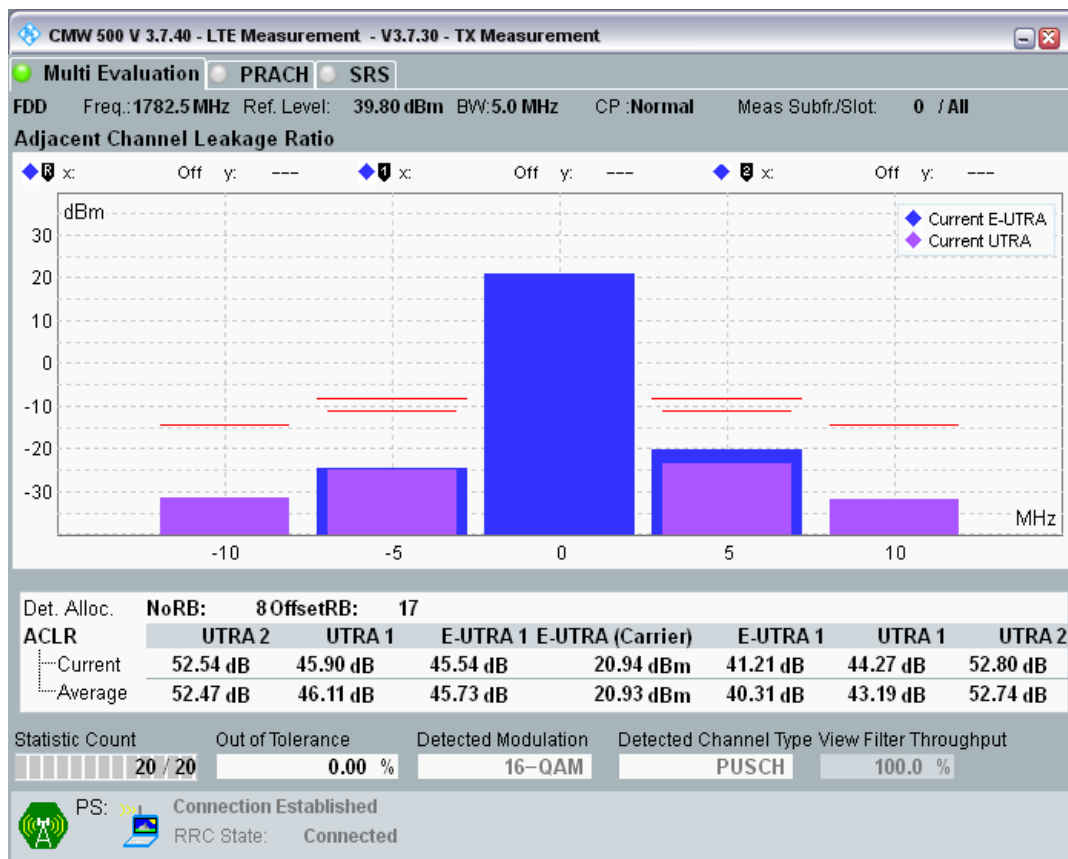
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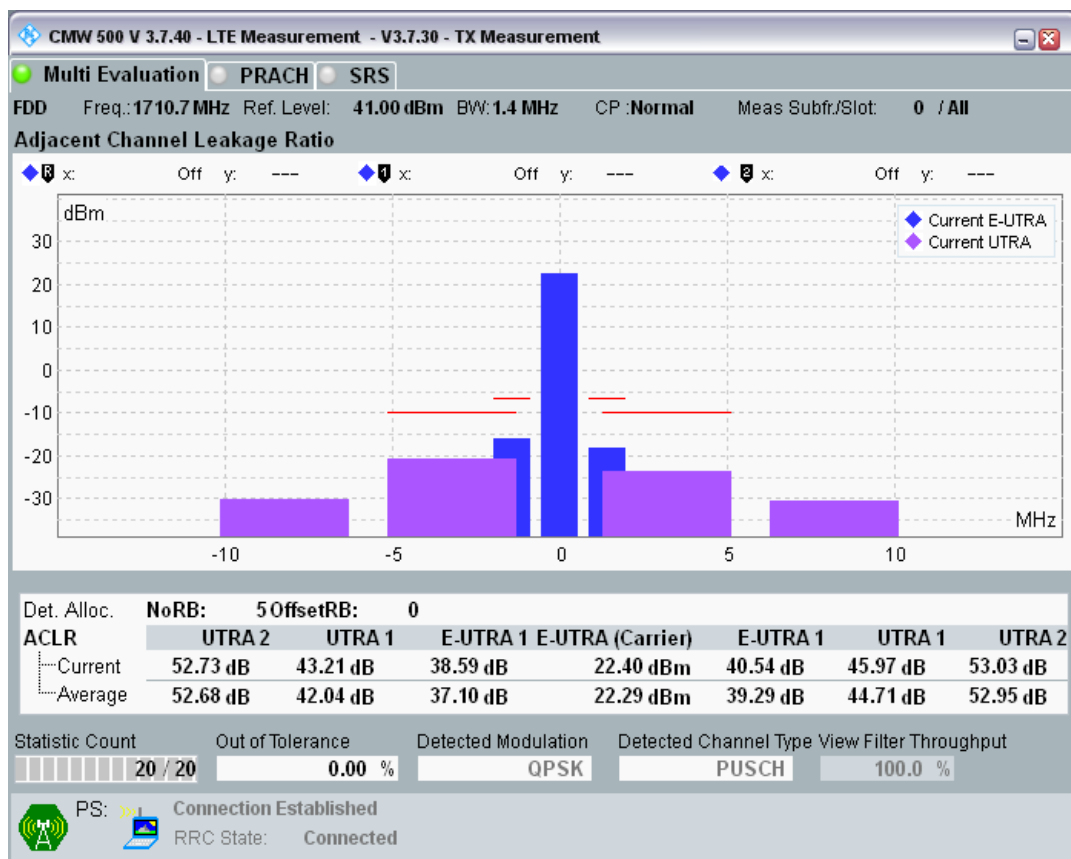
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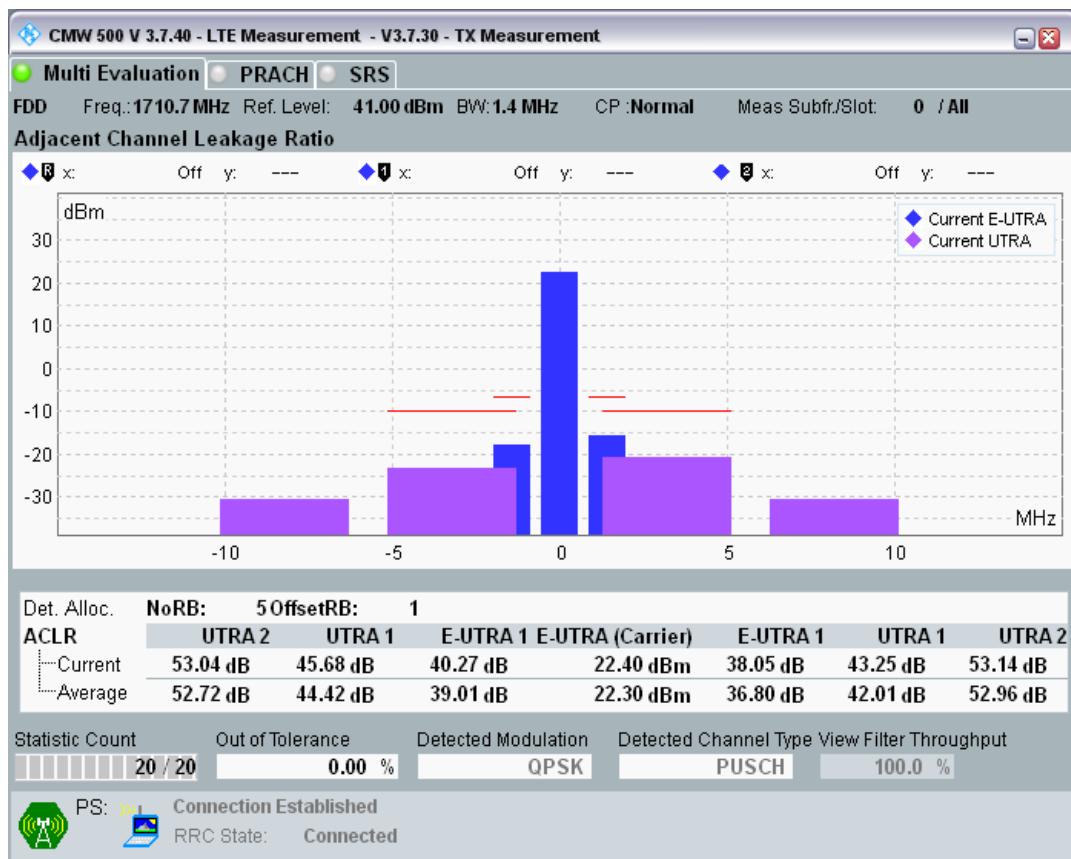
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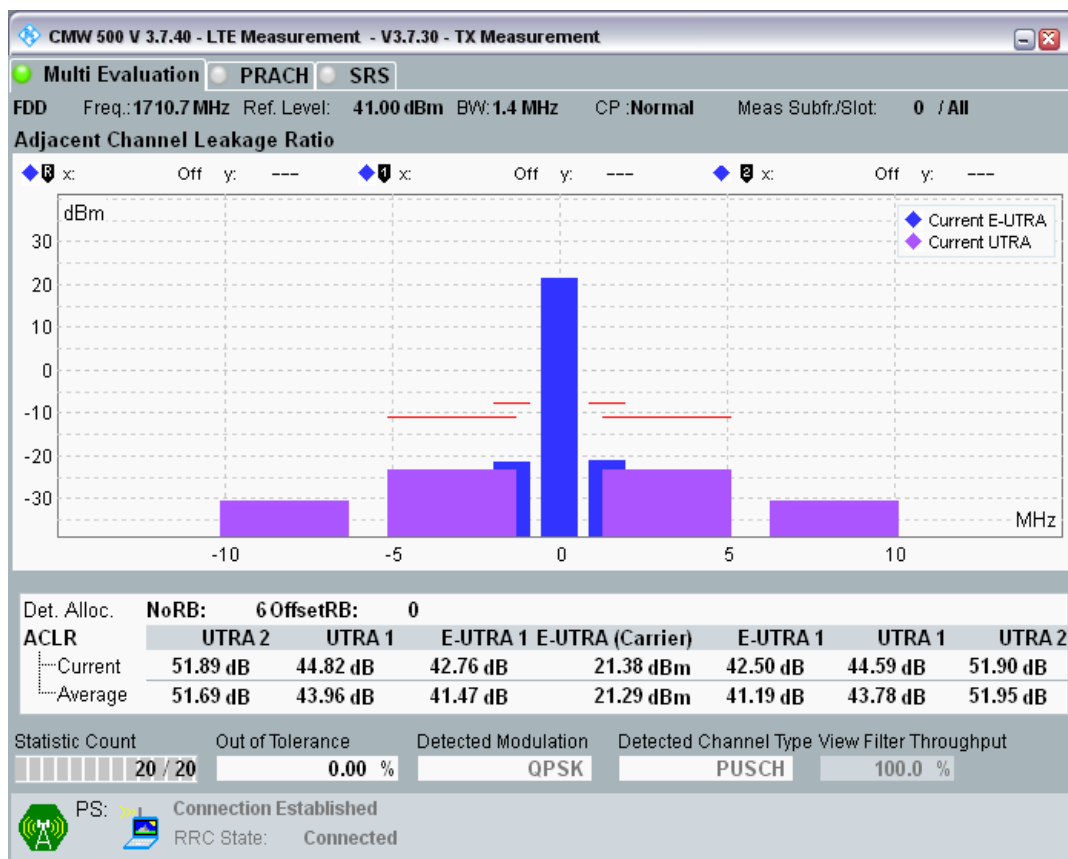
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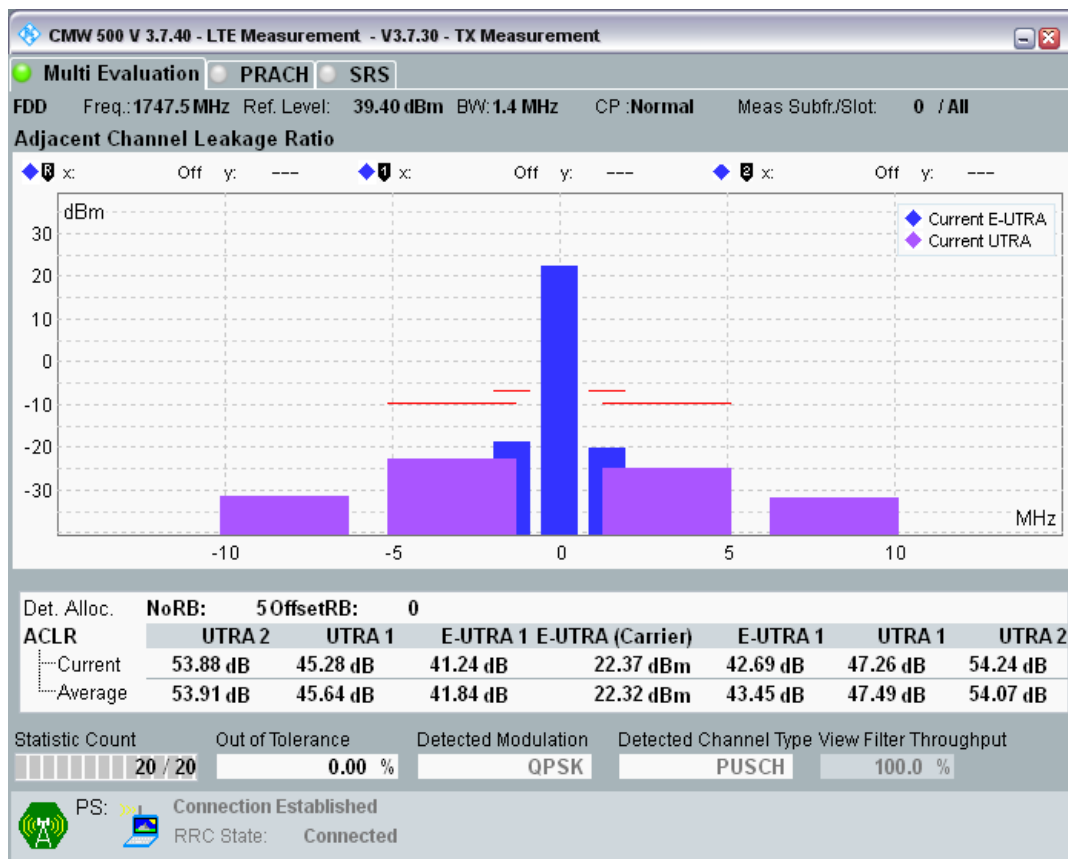
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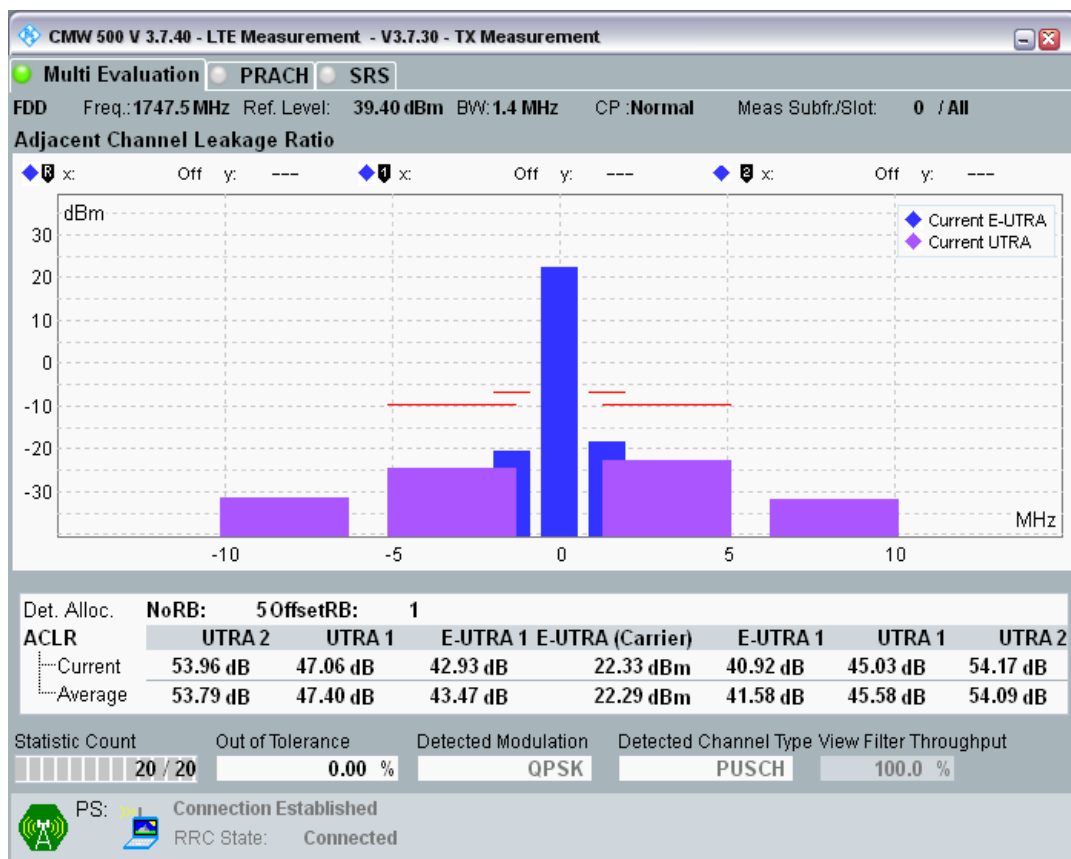
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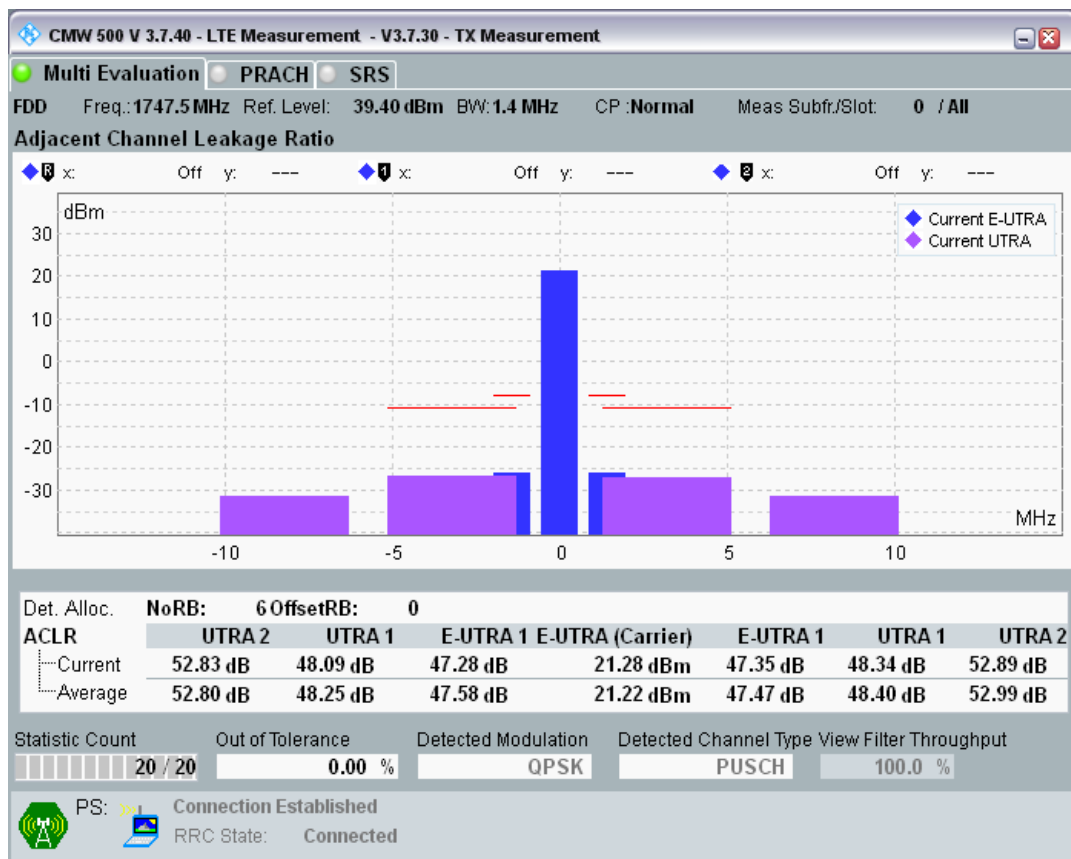
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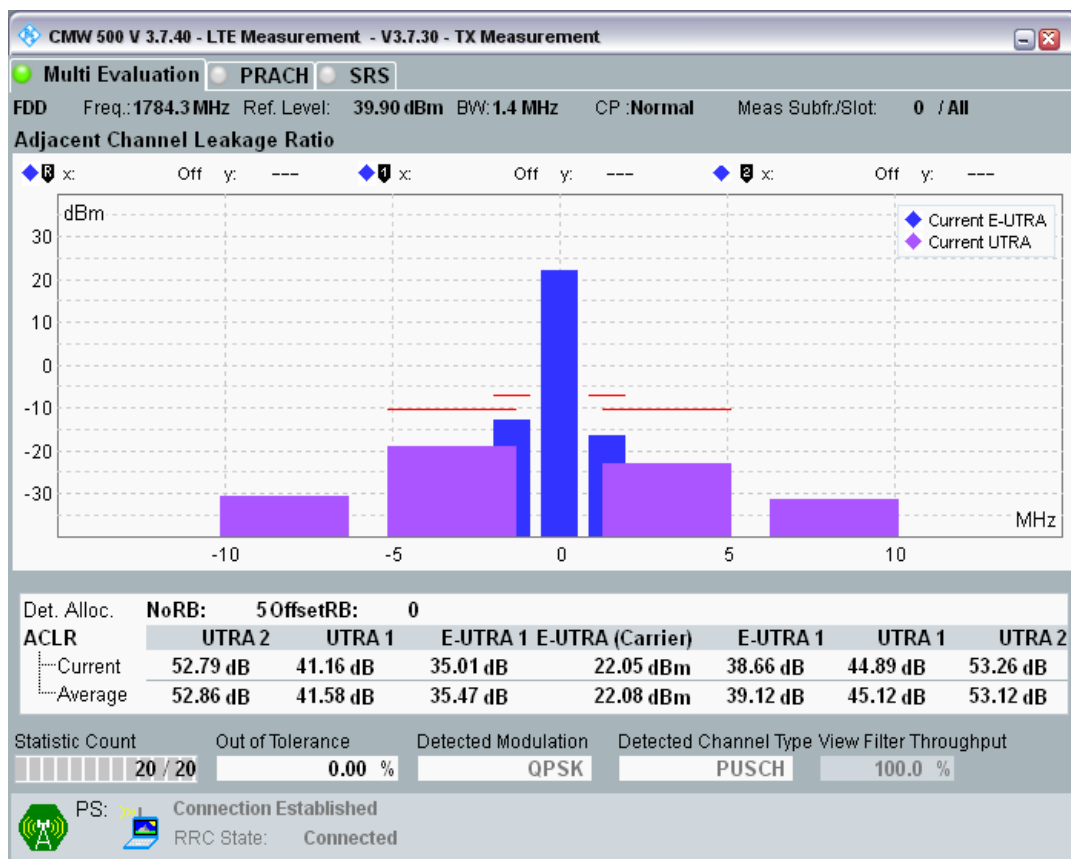
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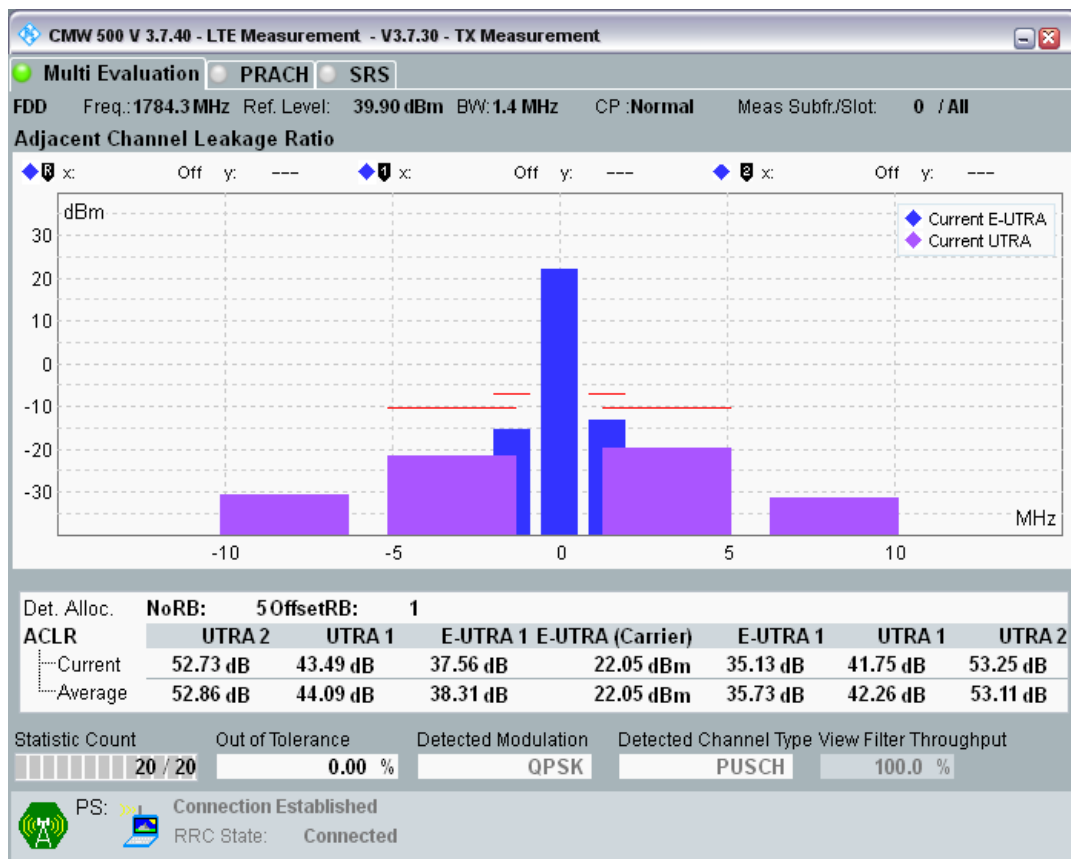
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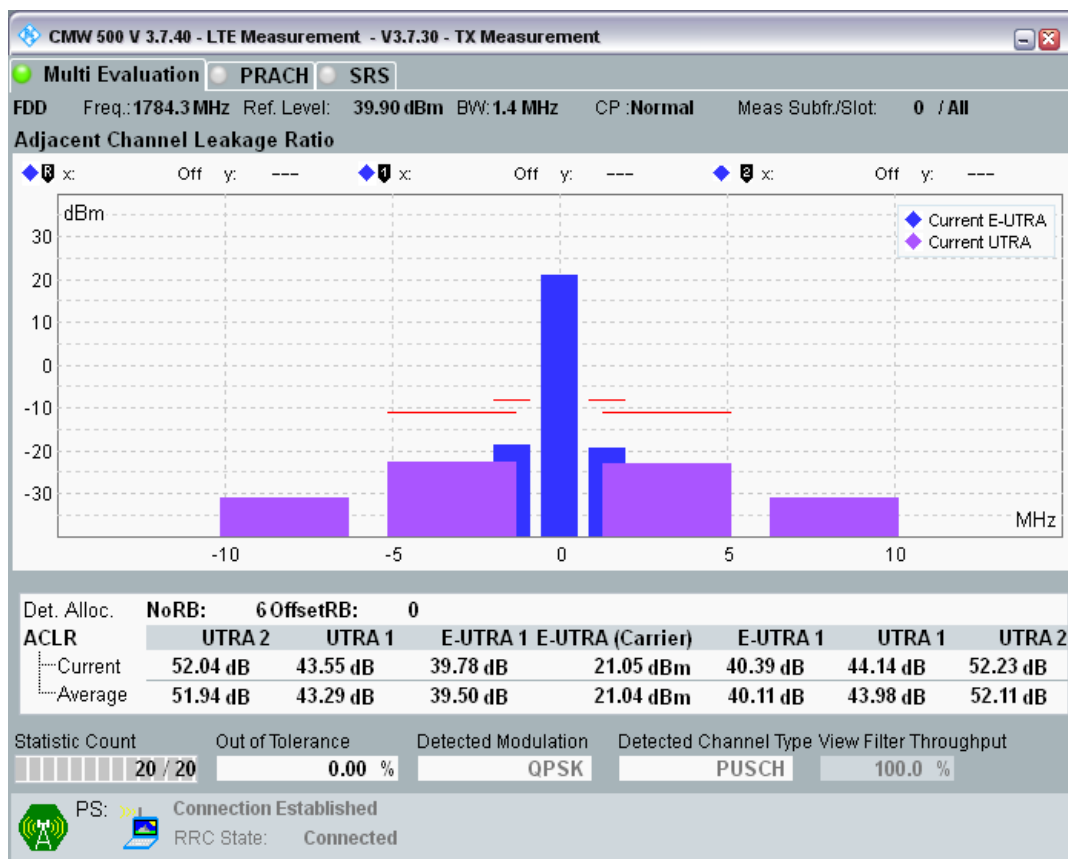
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



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



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



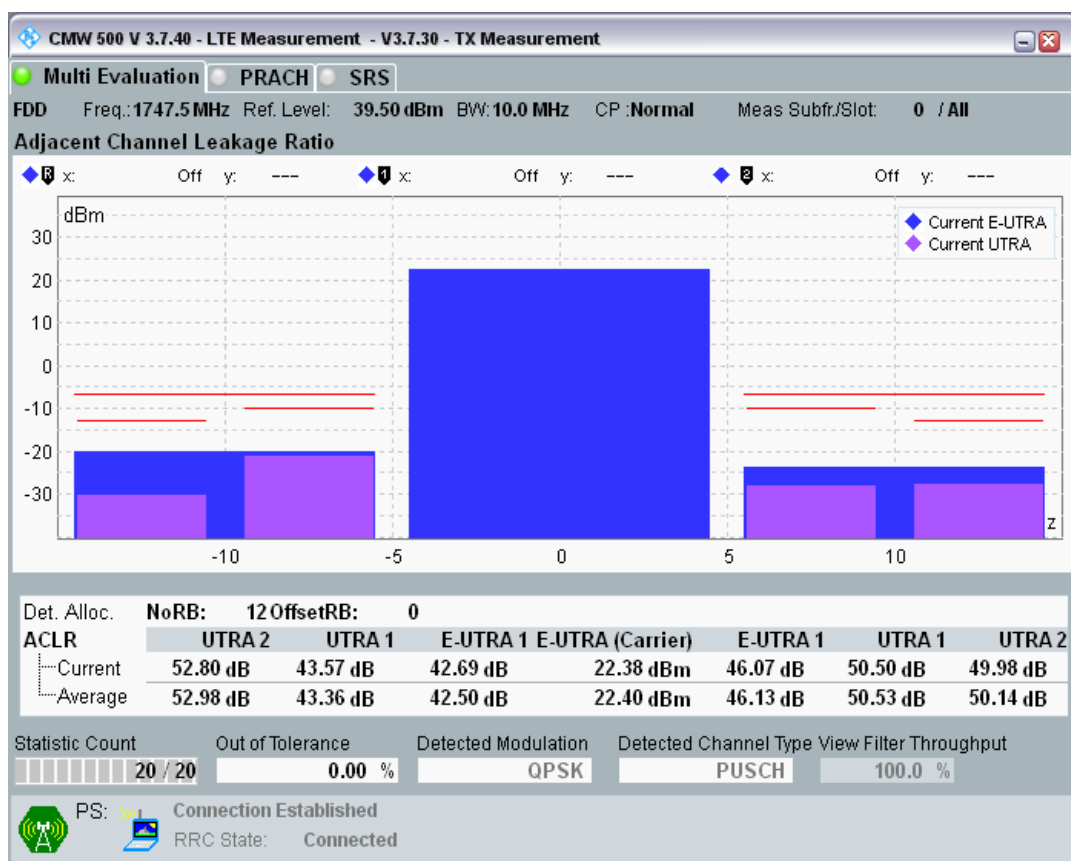
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Band3 QPSK BW=10MHz Channel=19250 RB Size=50 Position=#0.png



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



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



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



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



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



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



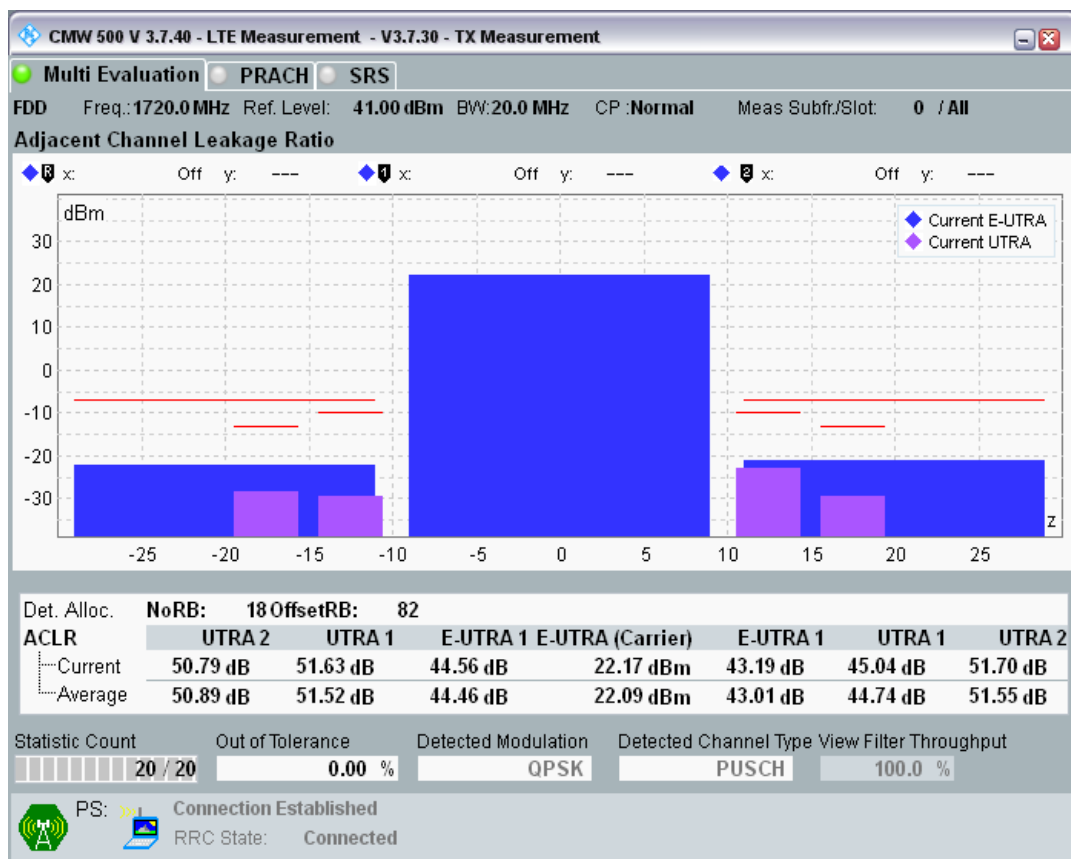
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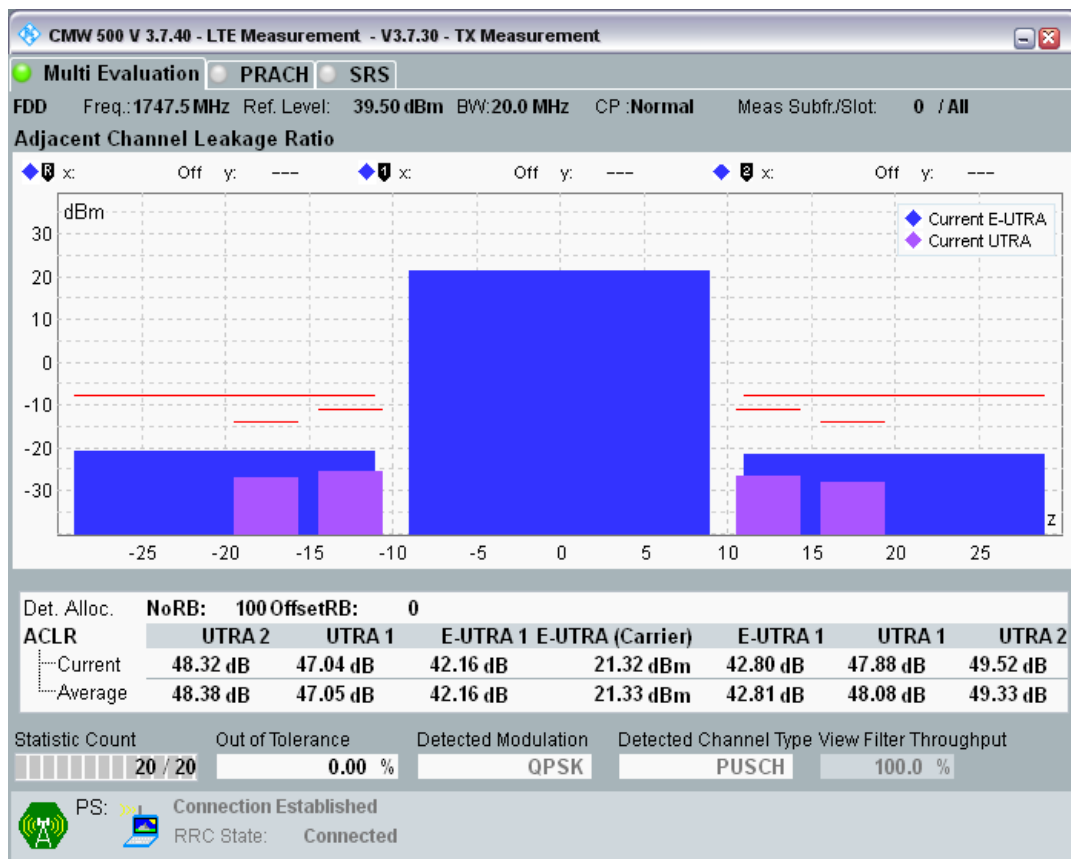
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Band3 QPSK BW=20MHz Channel=19300 RB Size=18 Position=#Max.png



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



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



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



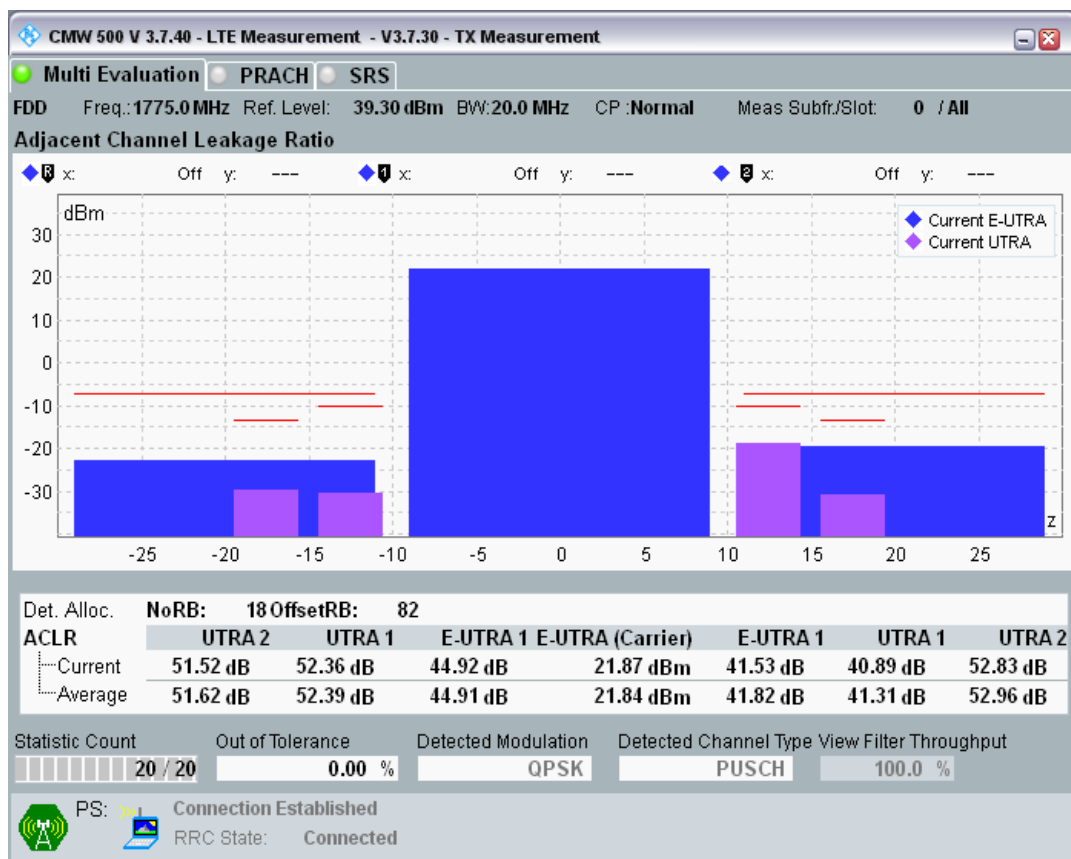
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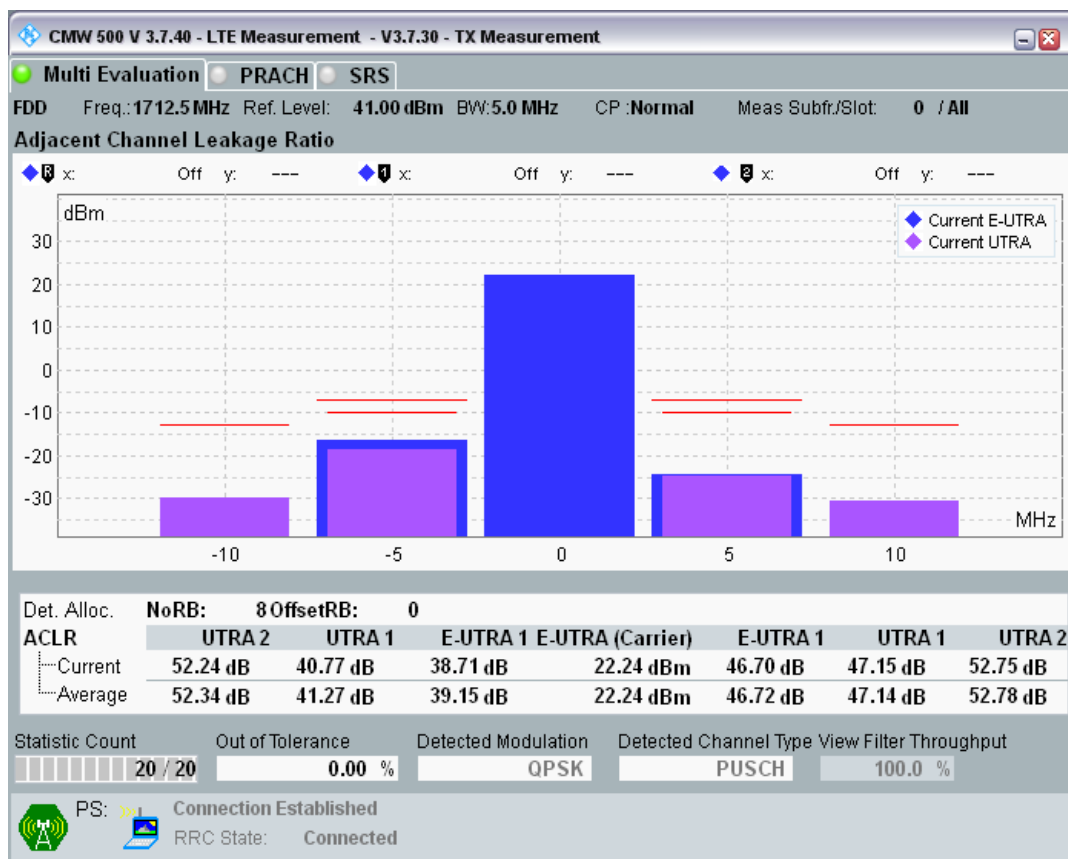
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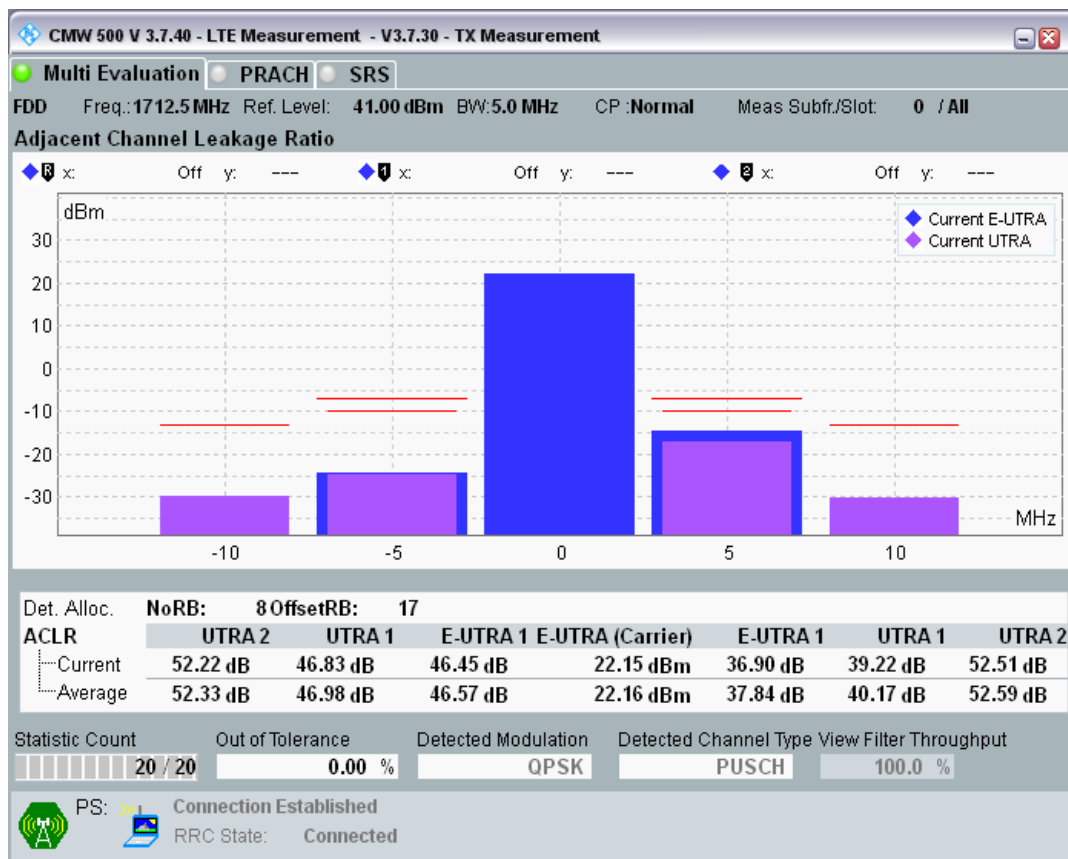
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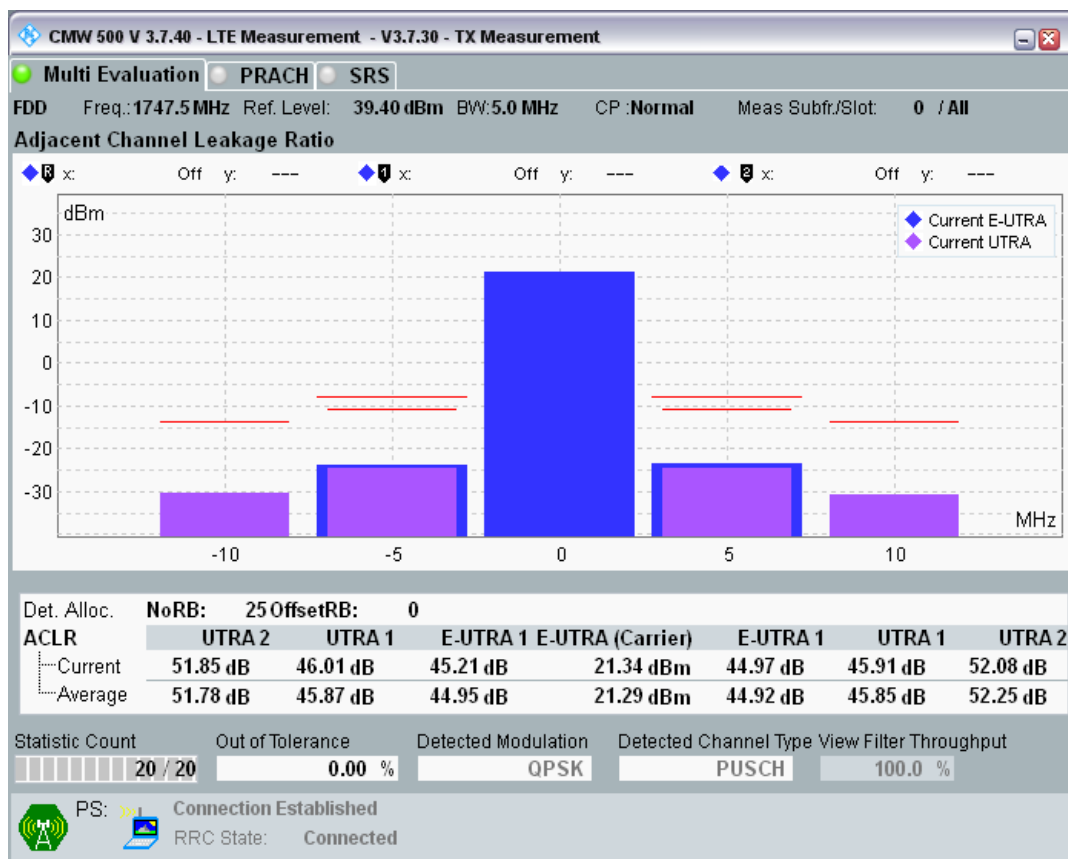
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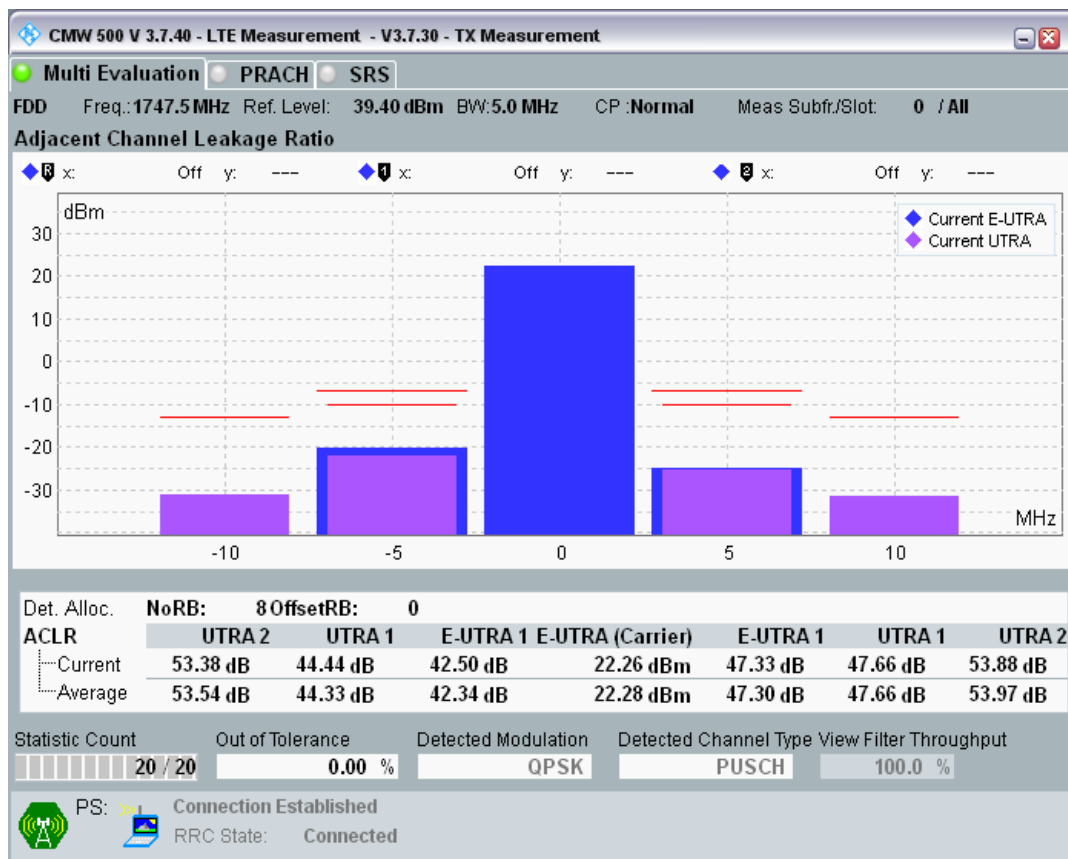
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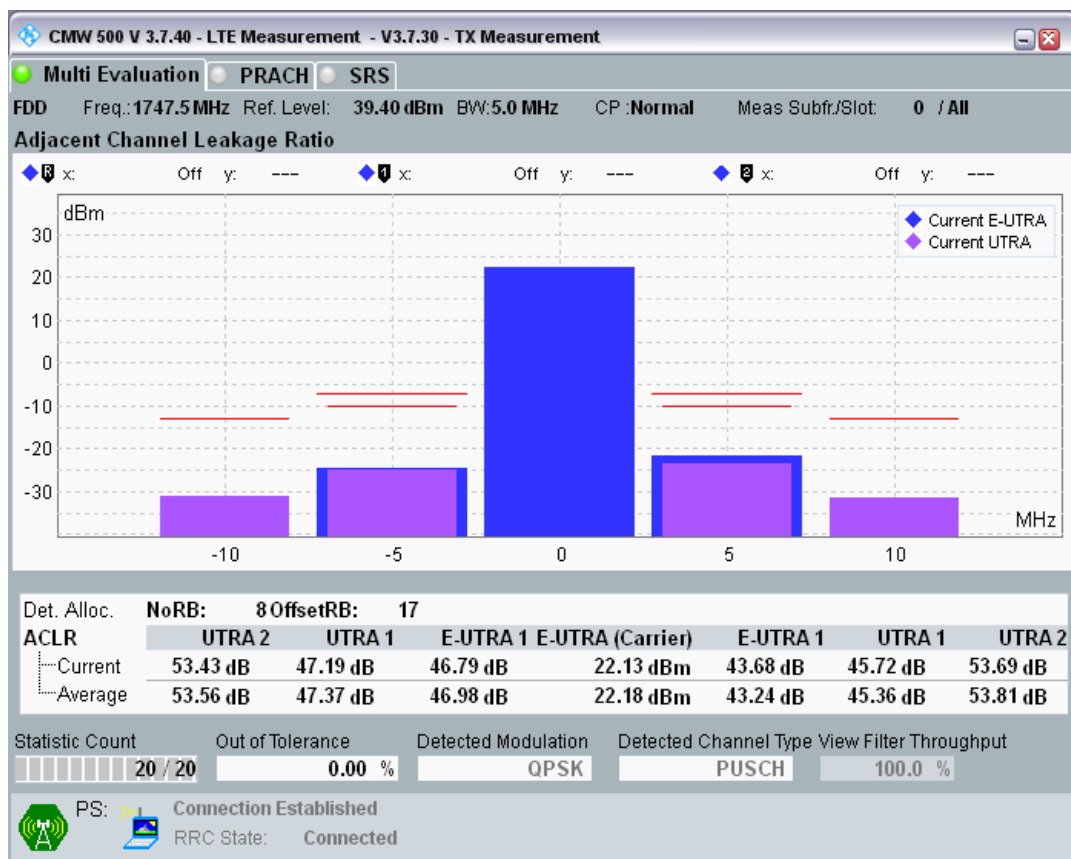
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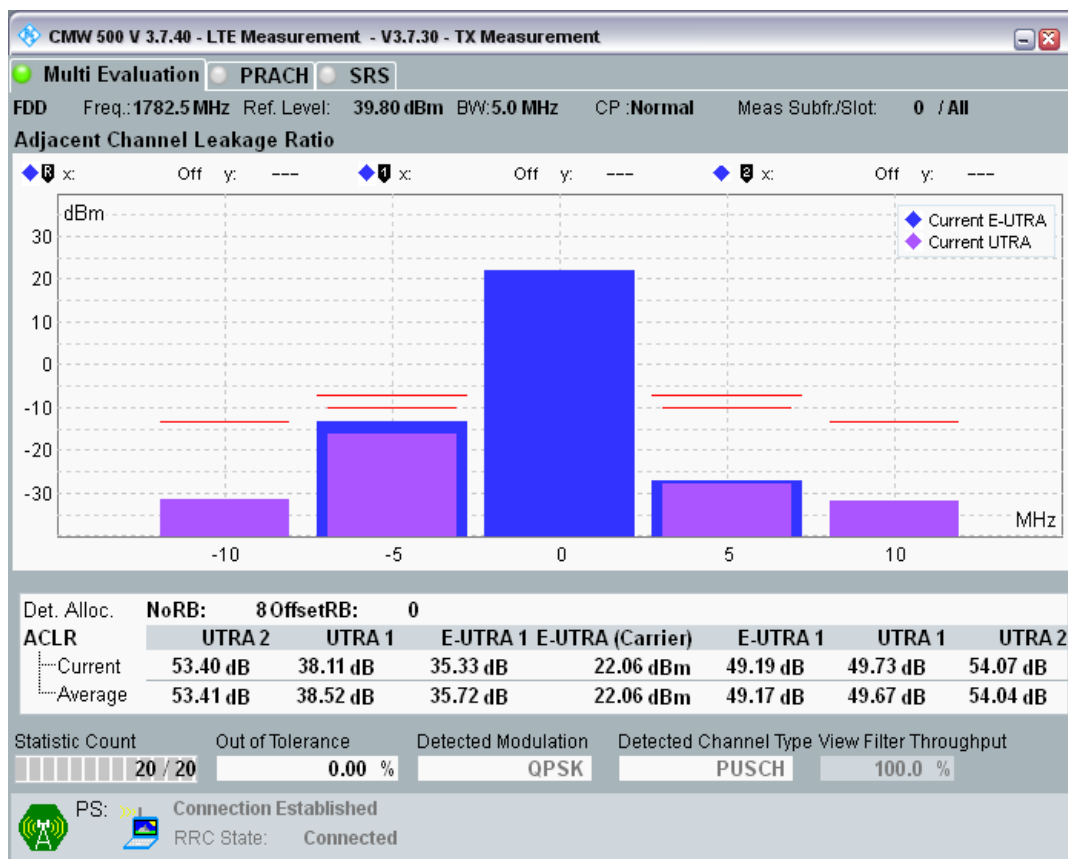
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Band3 QPSK BW=5MHz Channel=19925 RB Size=25 Position=#0.png



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



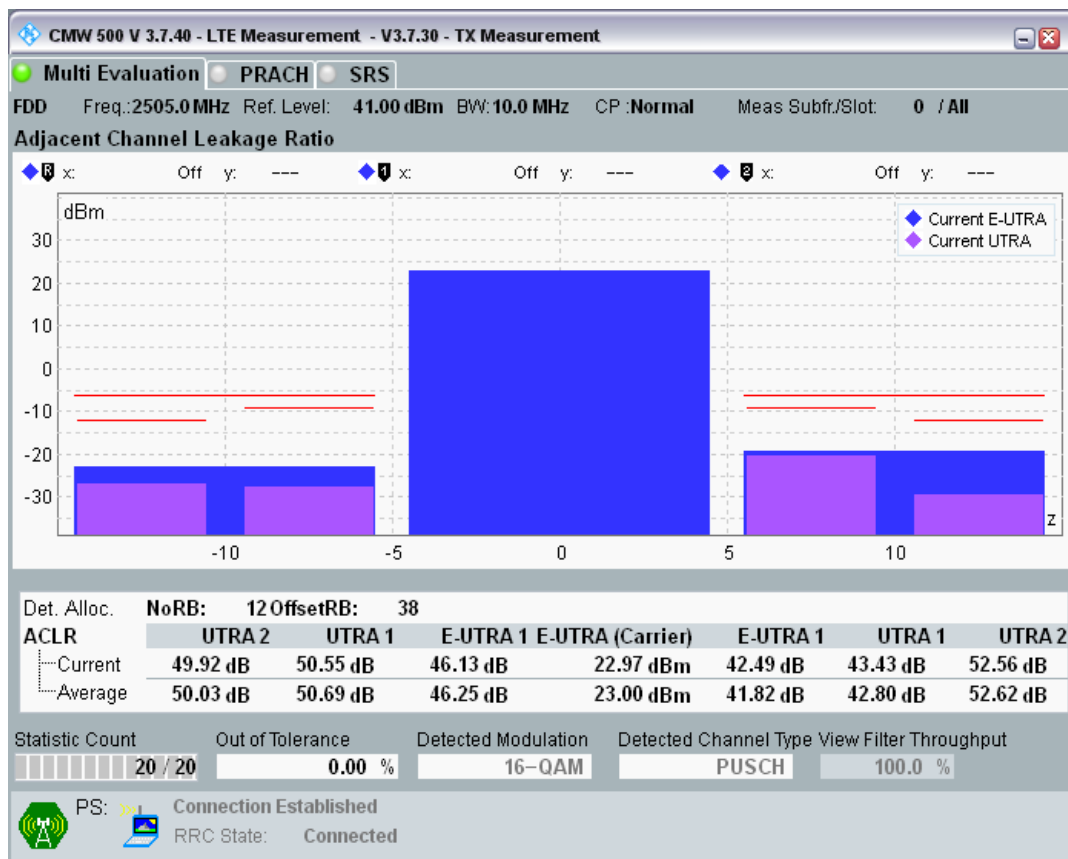
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Band7 QAM16 BW=10MHz Channel=20800 RB Size=12 Position=#0.png



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



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



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



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



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



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



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



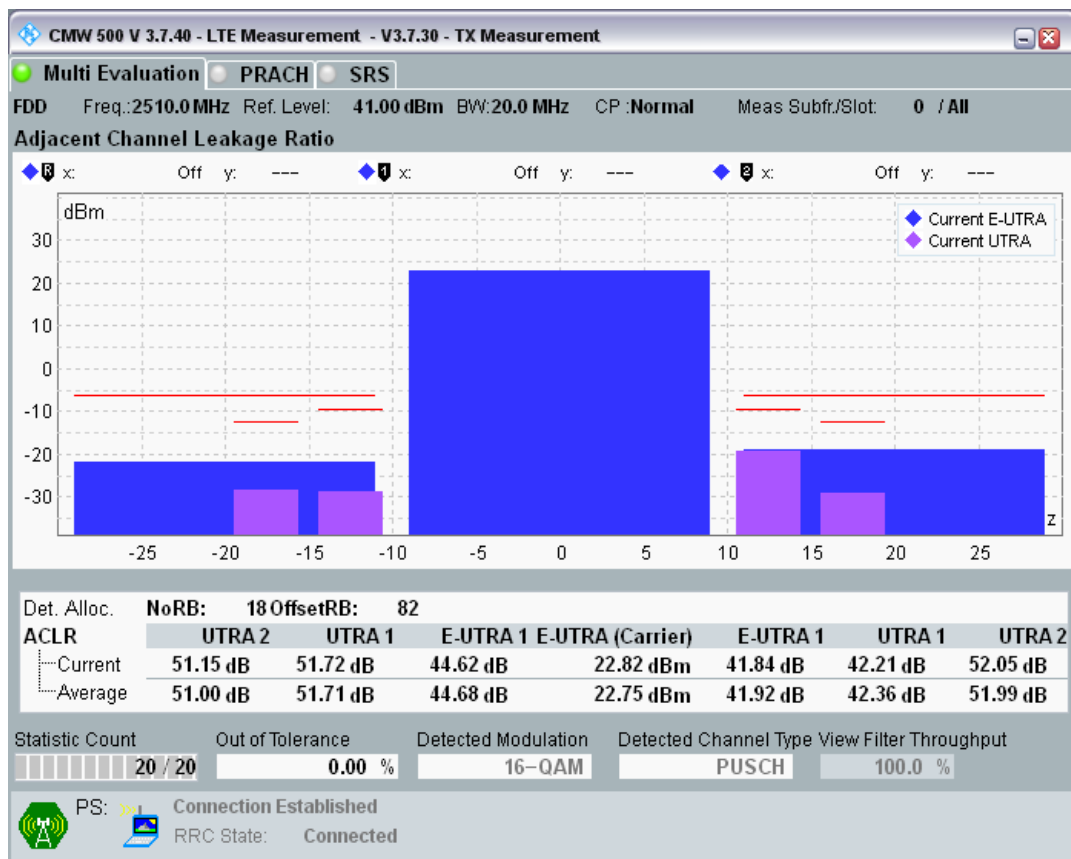
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Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#0.png



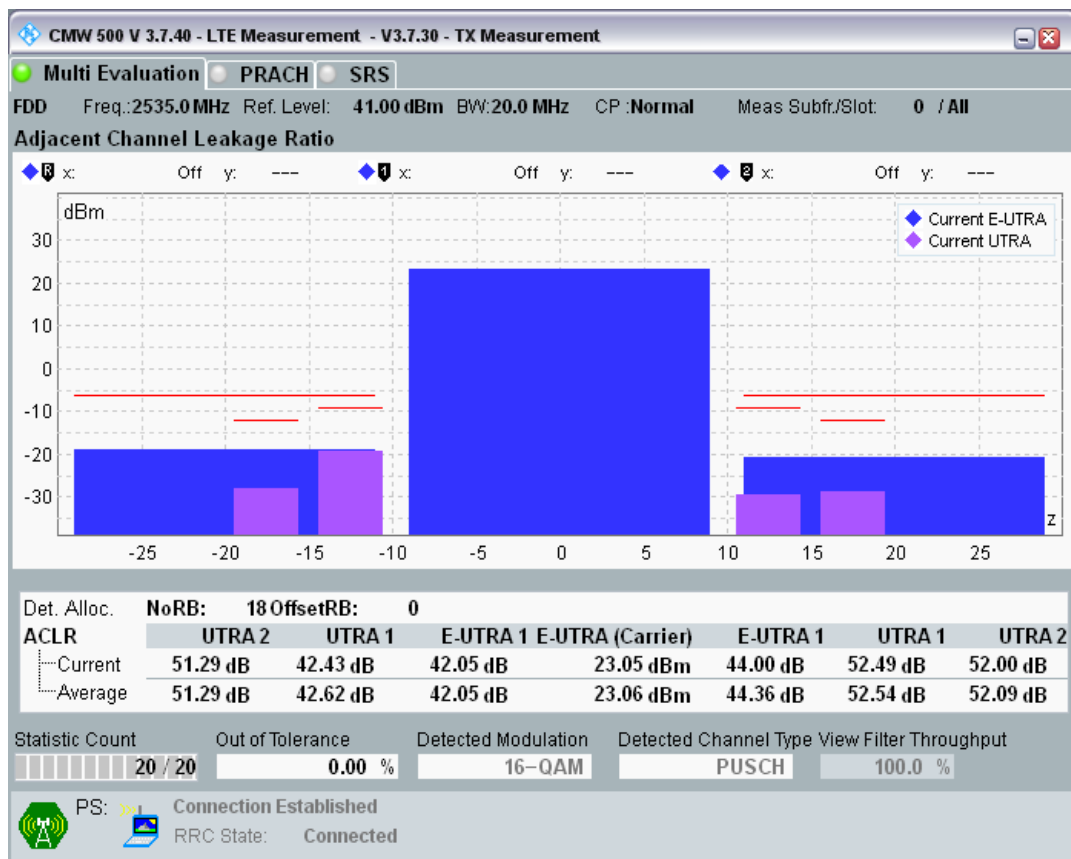
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Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0.png



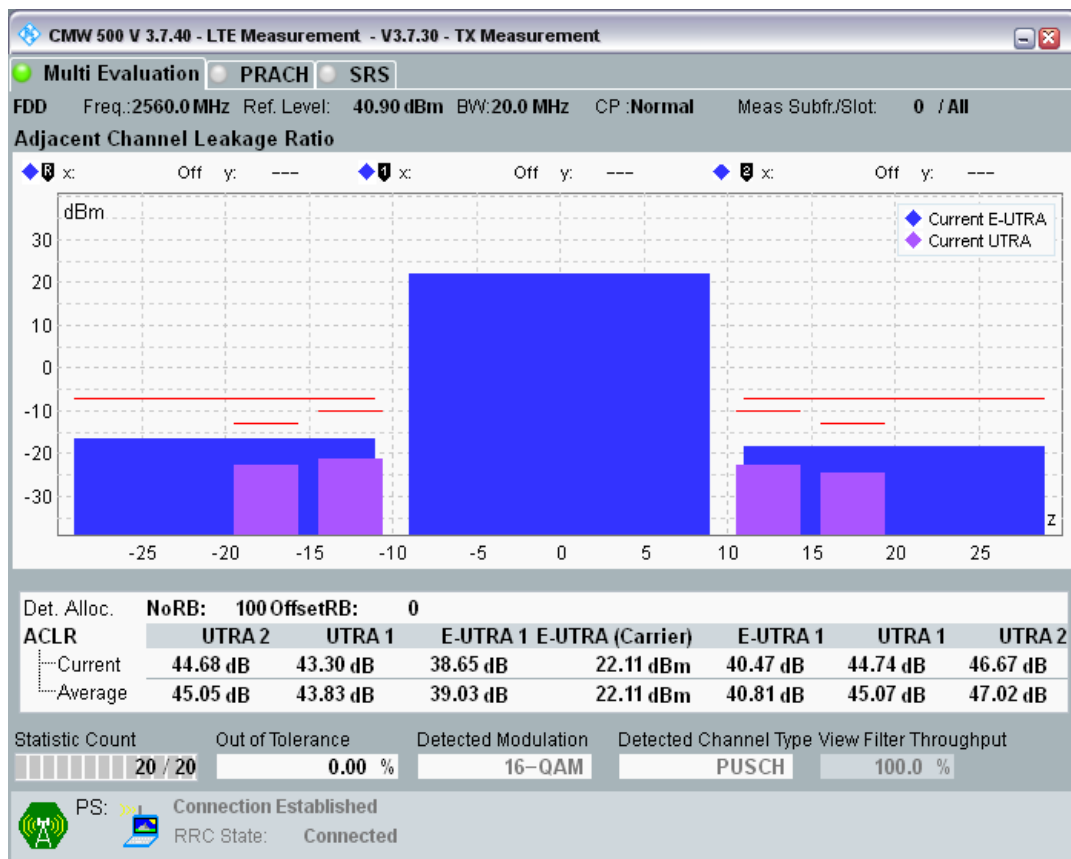
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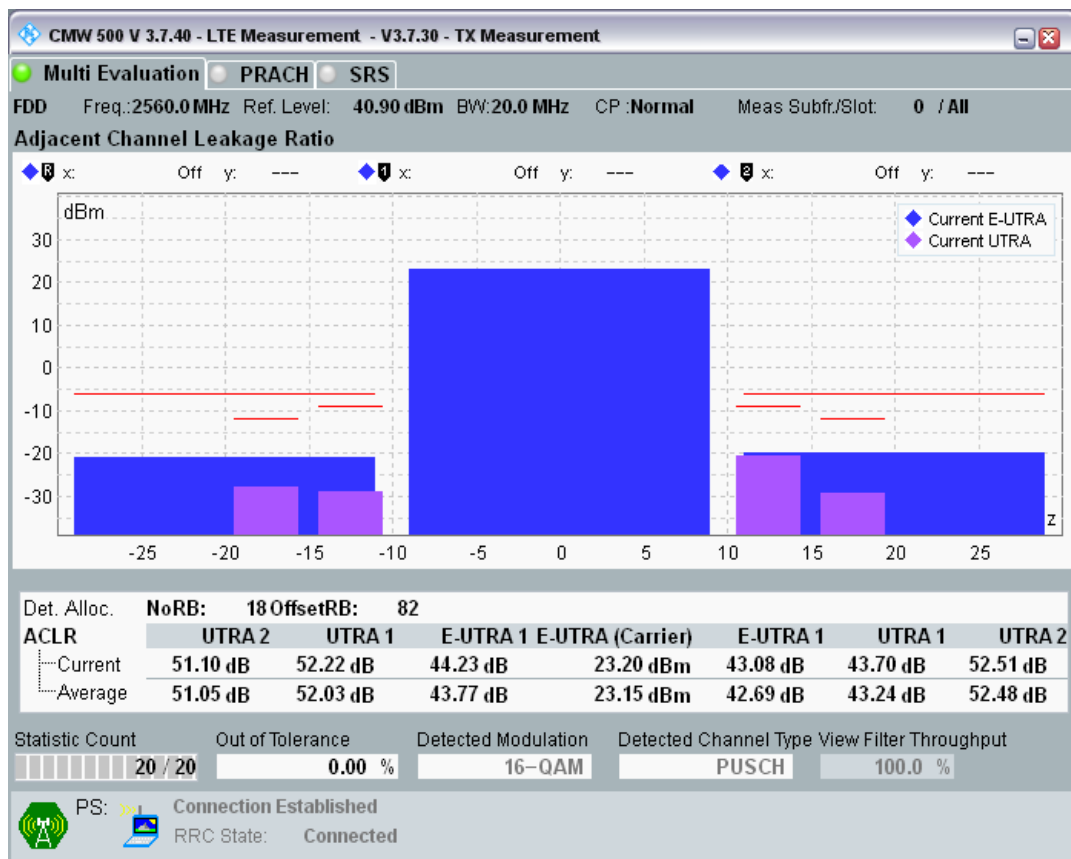
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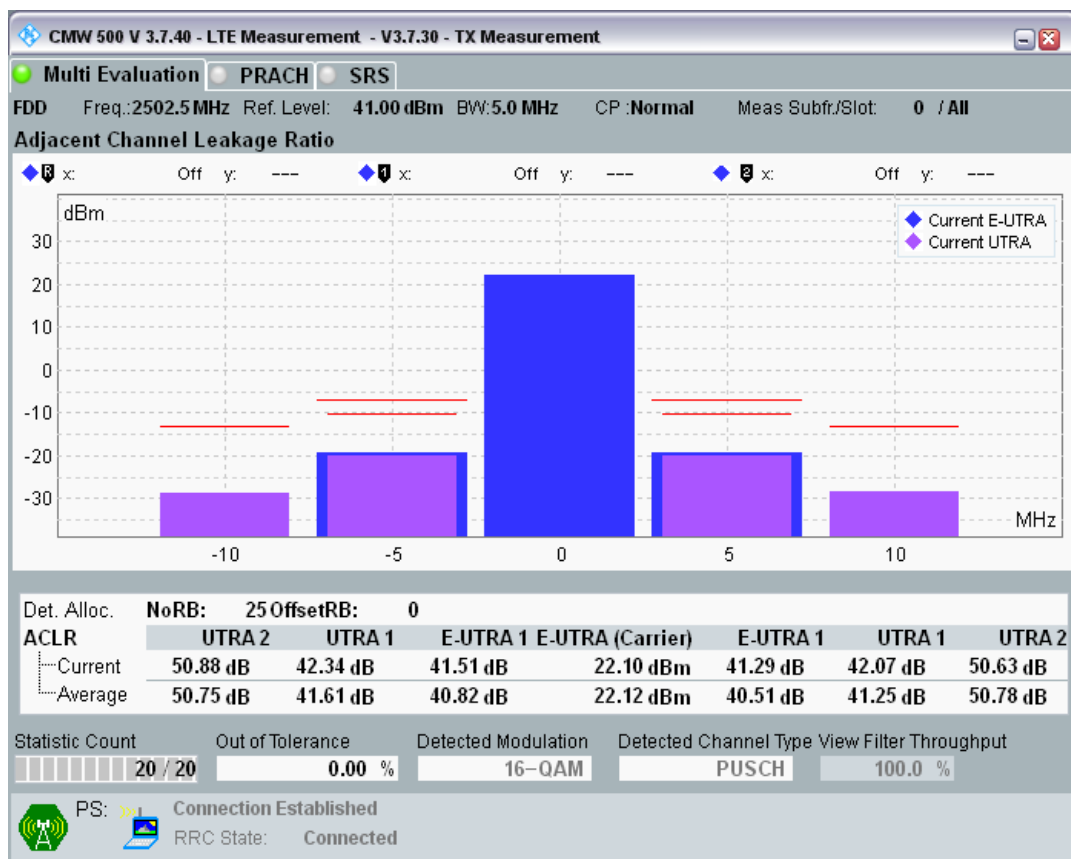
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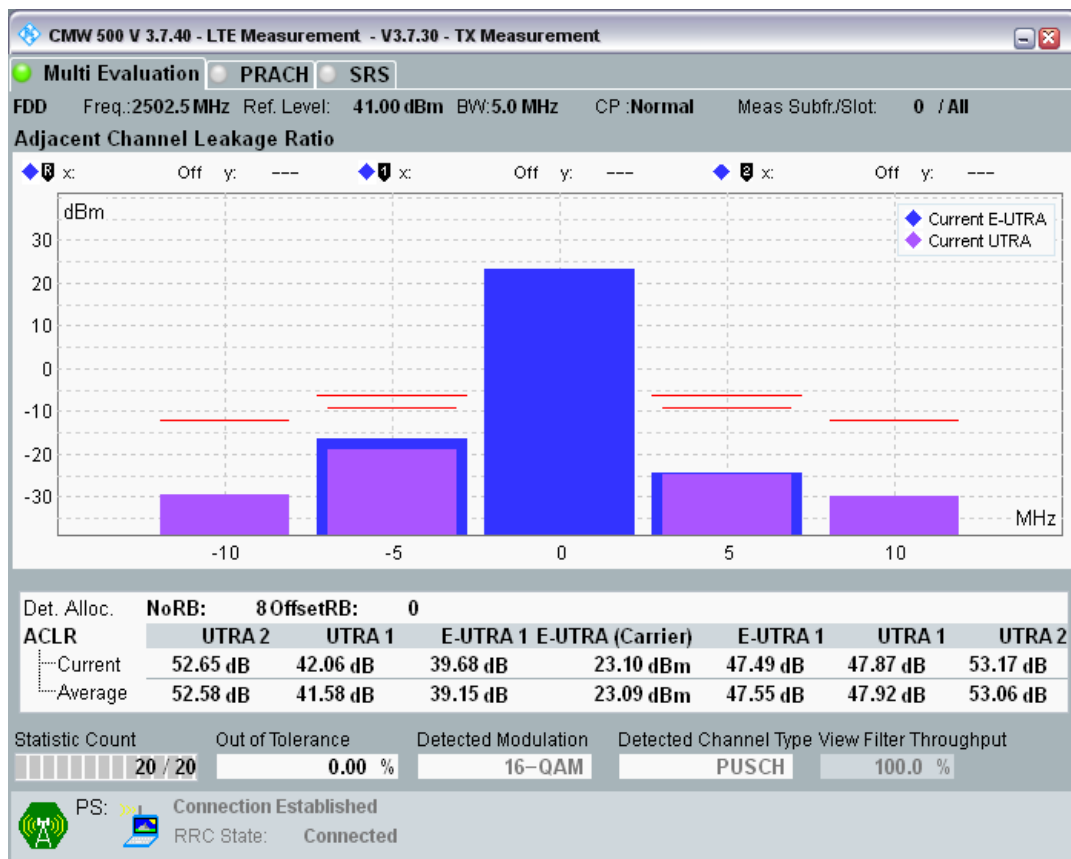
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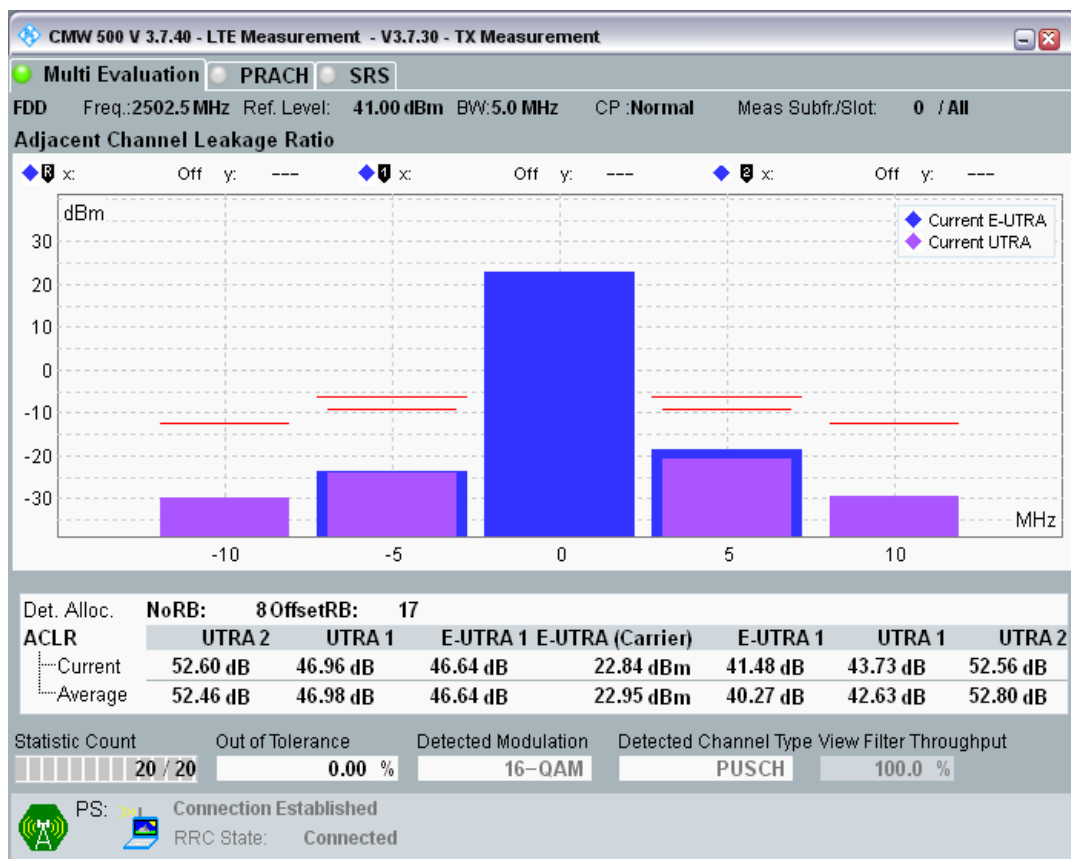
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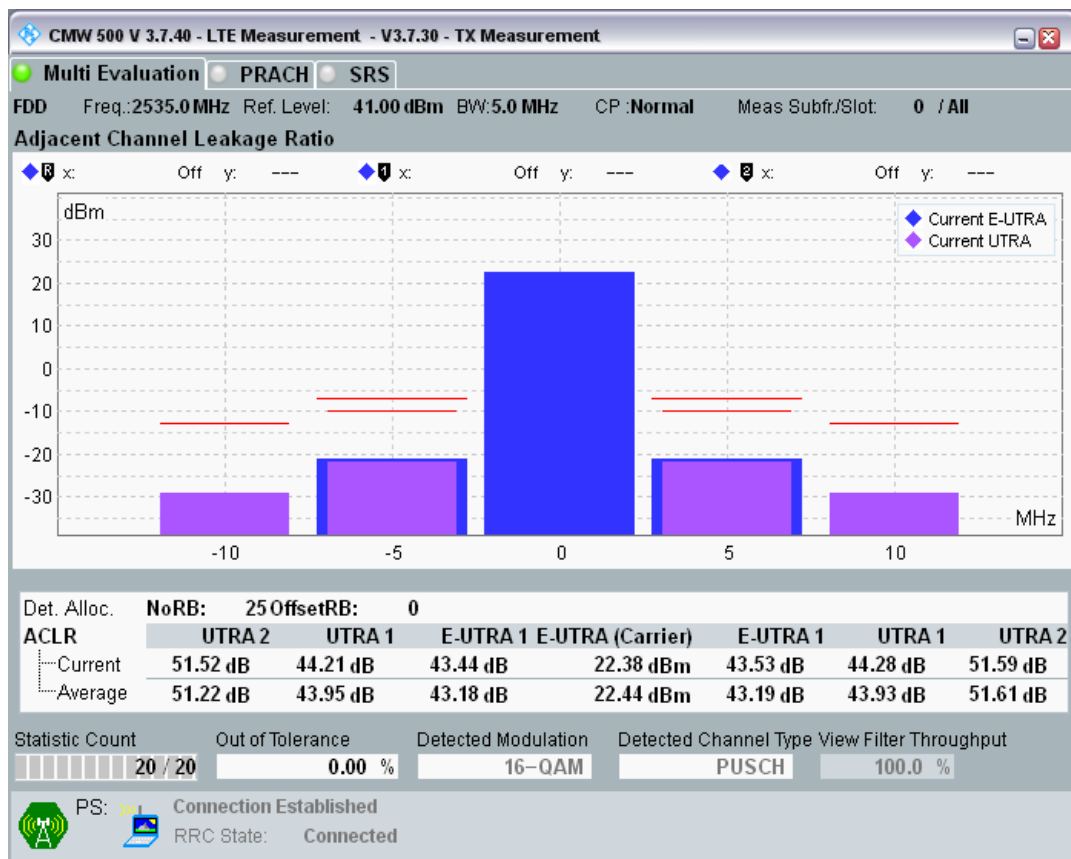
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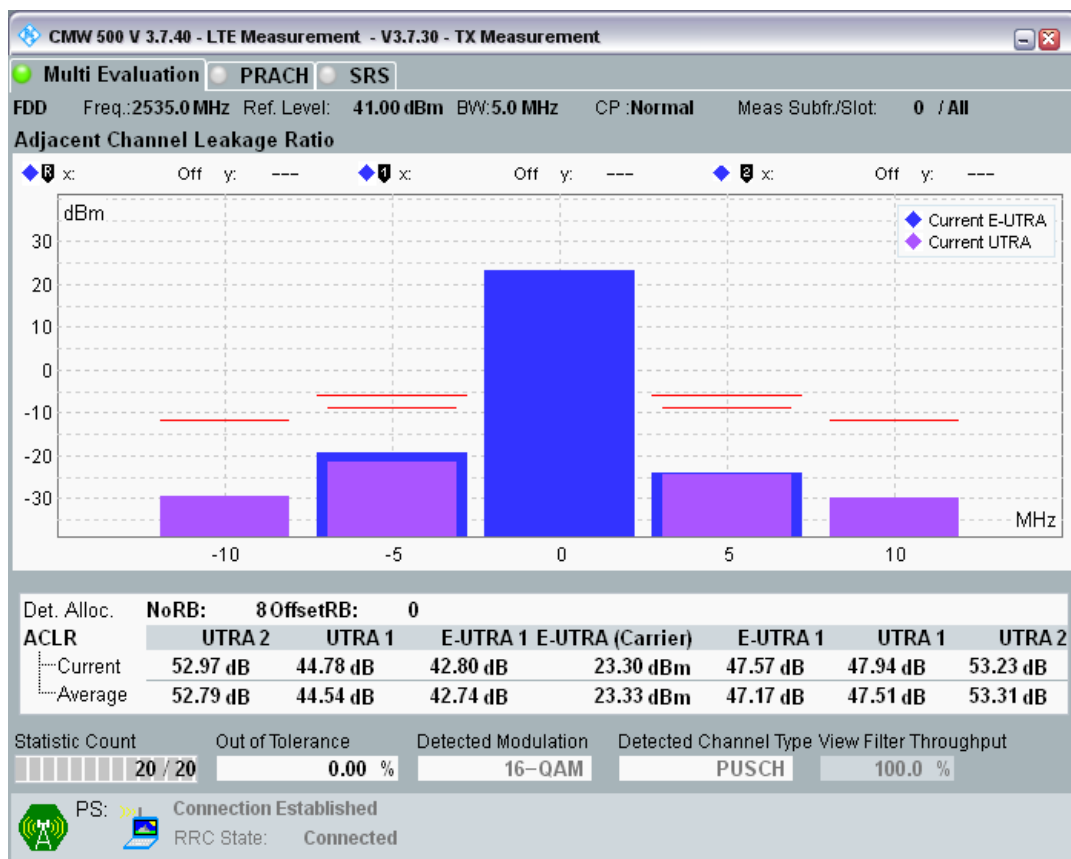
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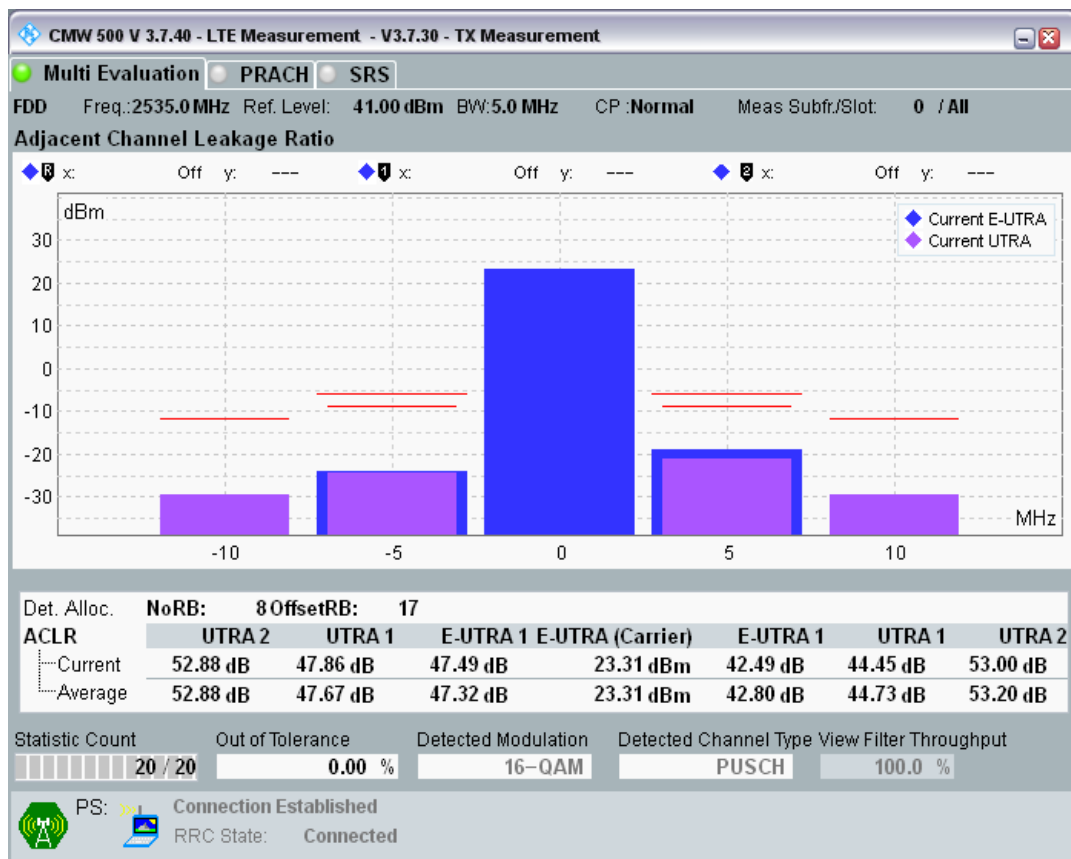
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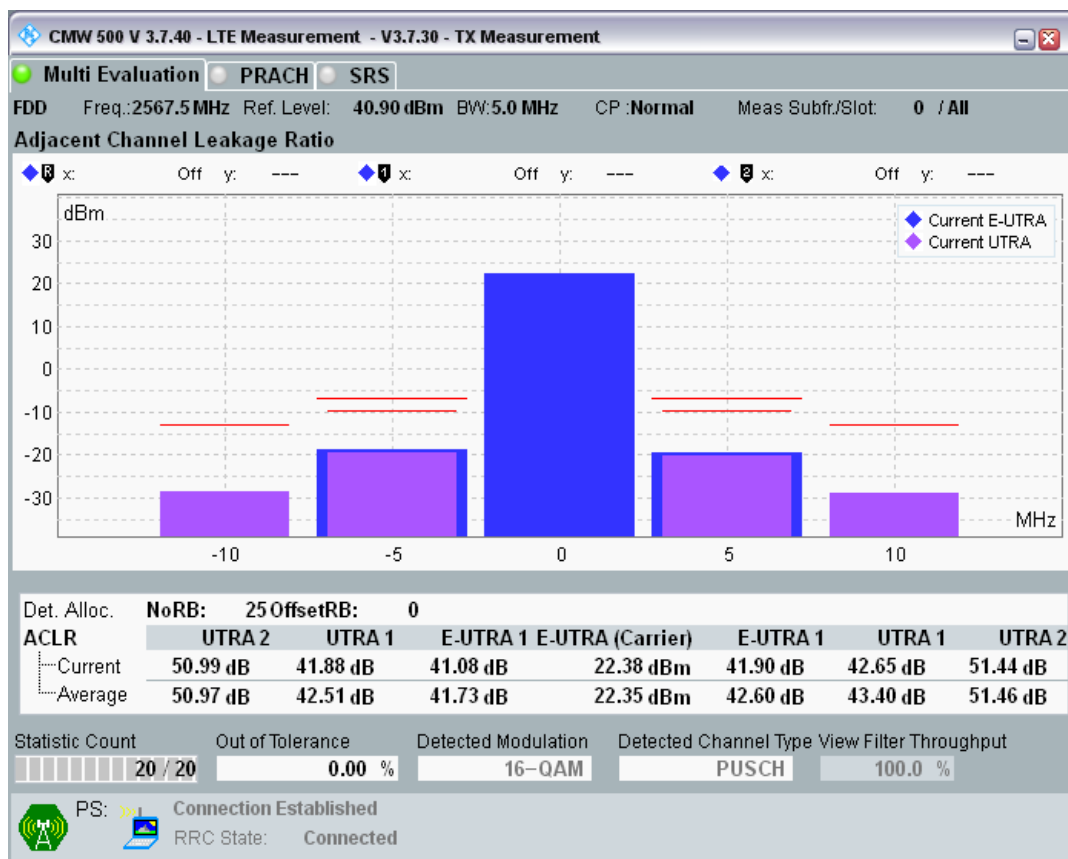
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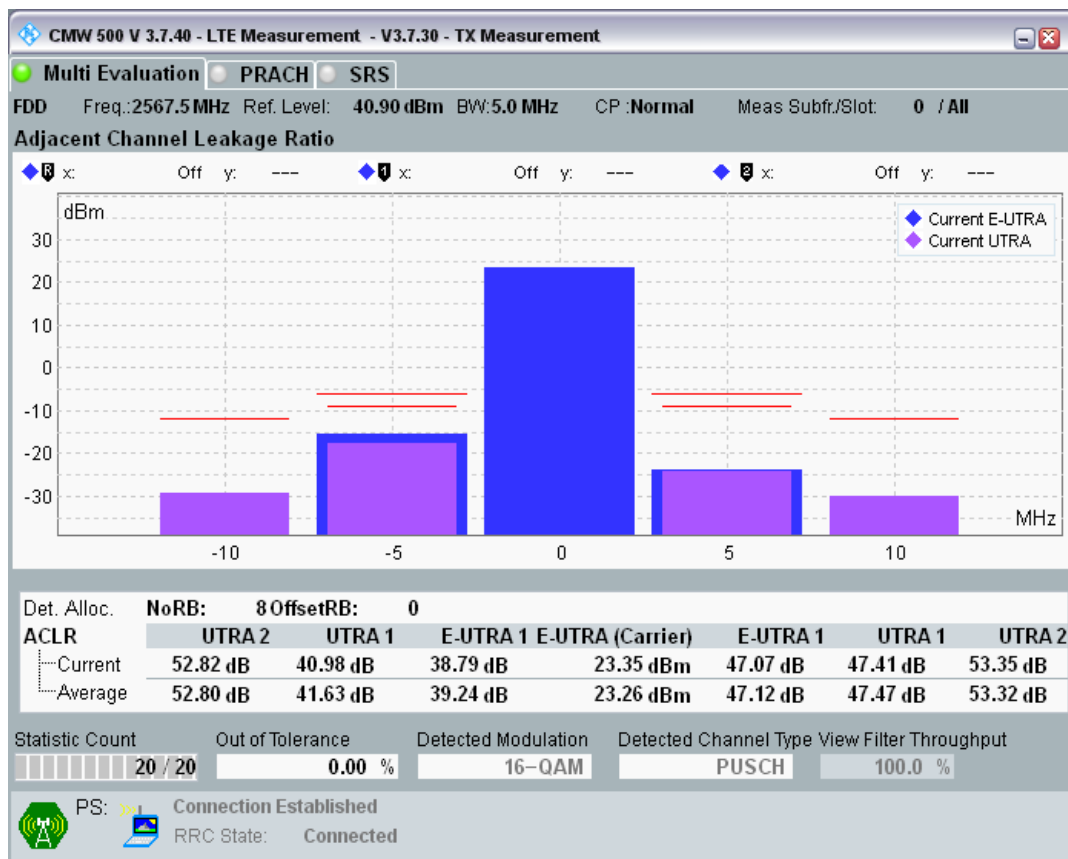
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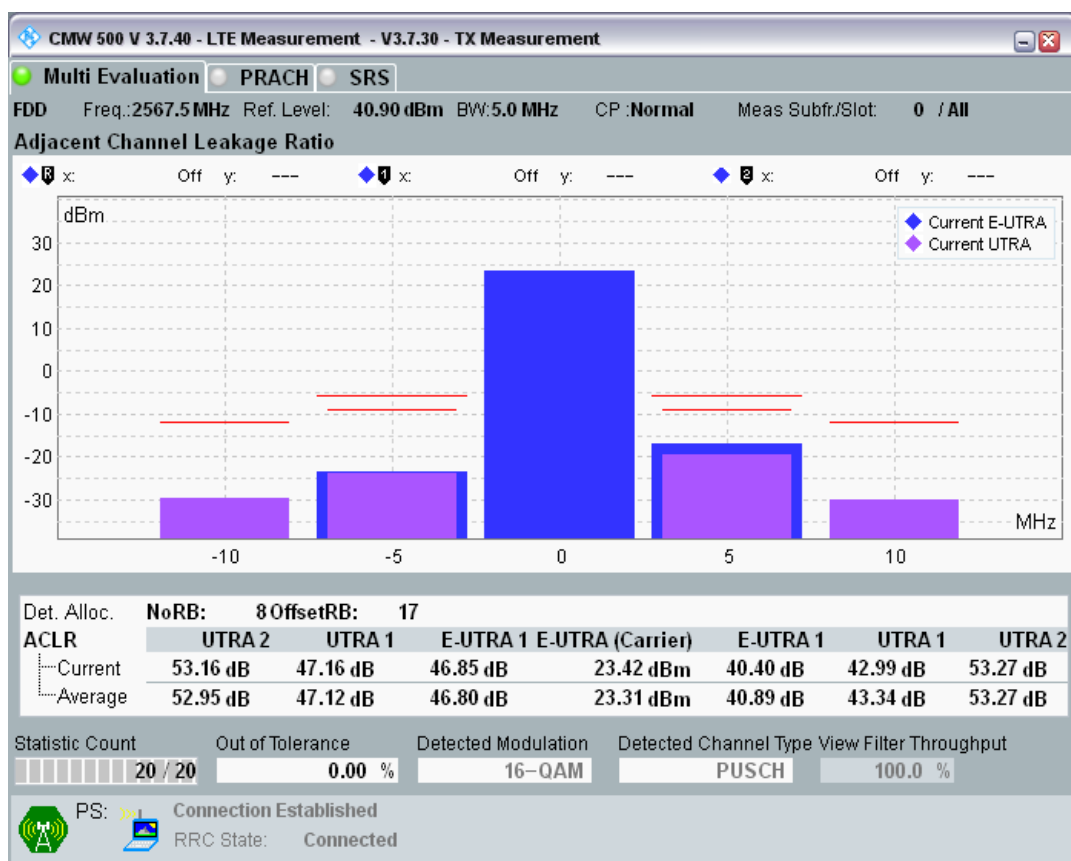
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Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#0.png



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



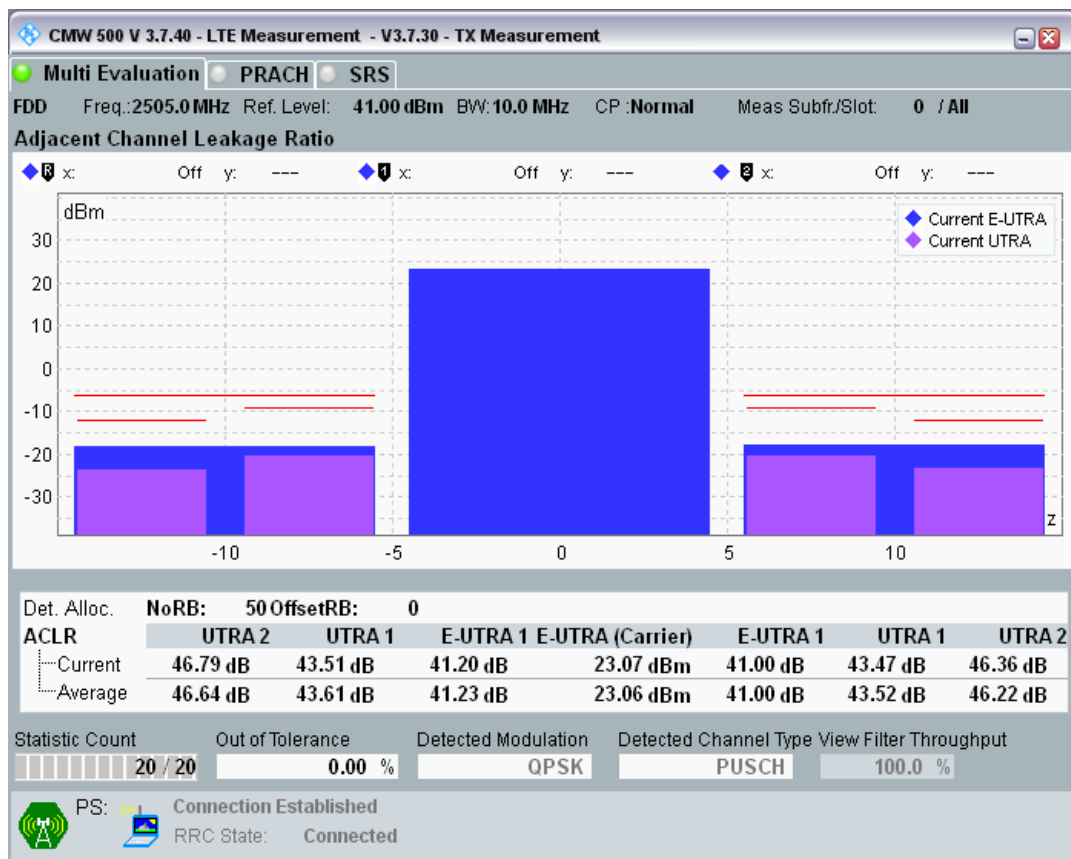
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Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#Max.png



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



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



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



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



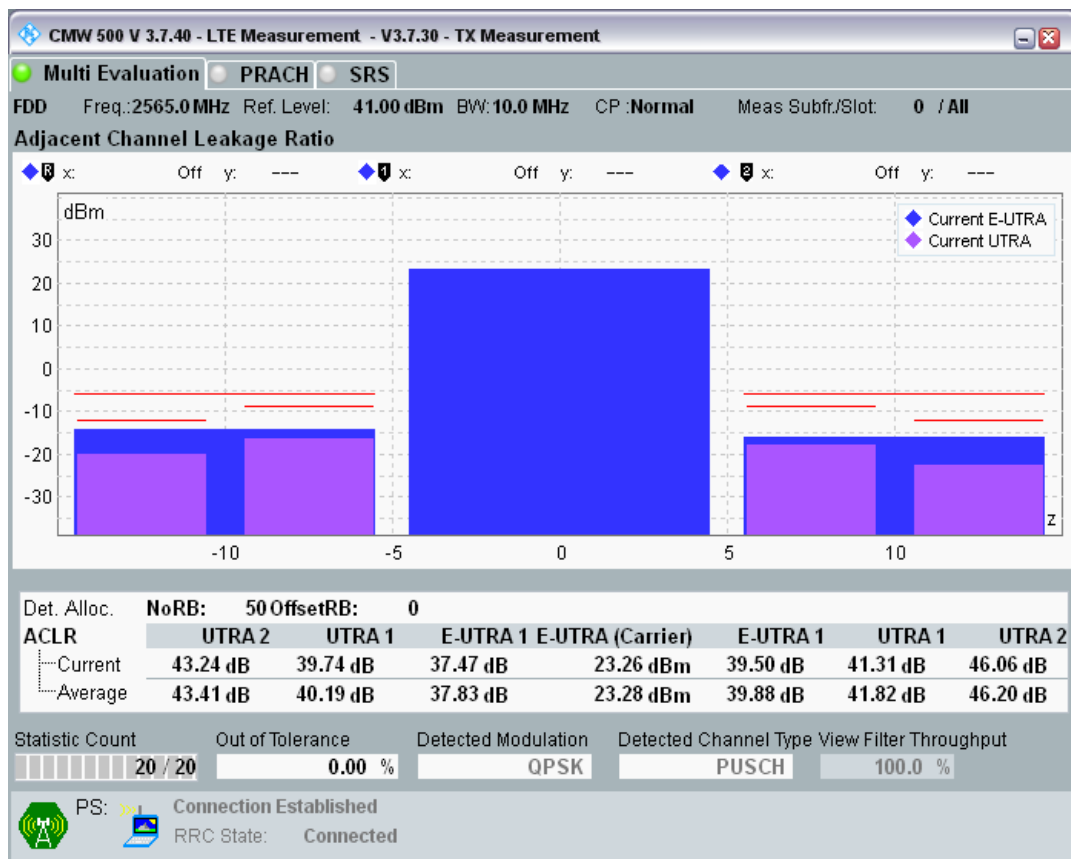
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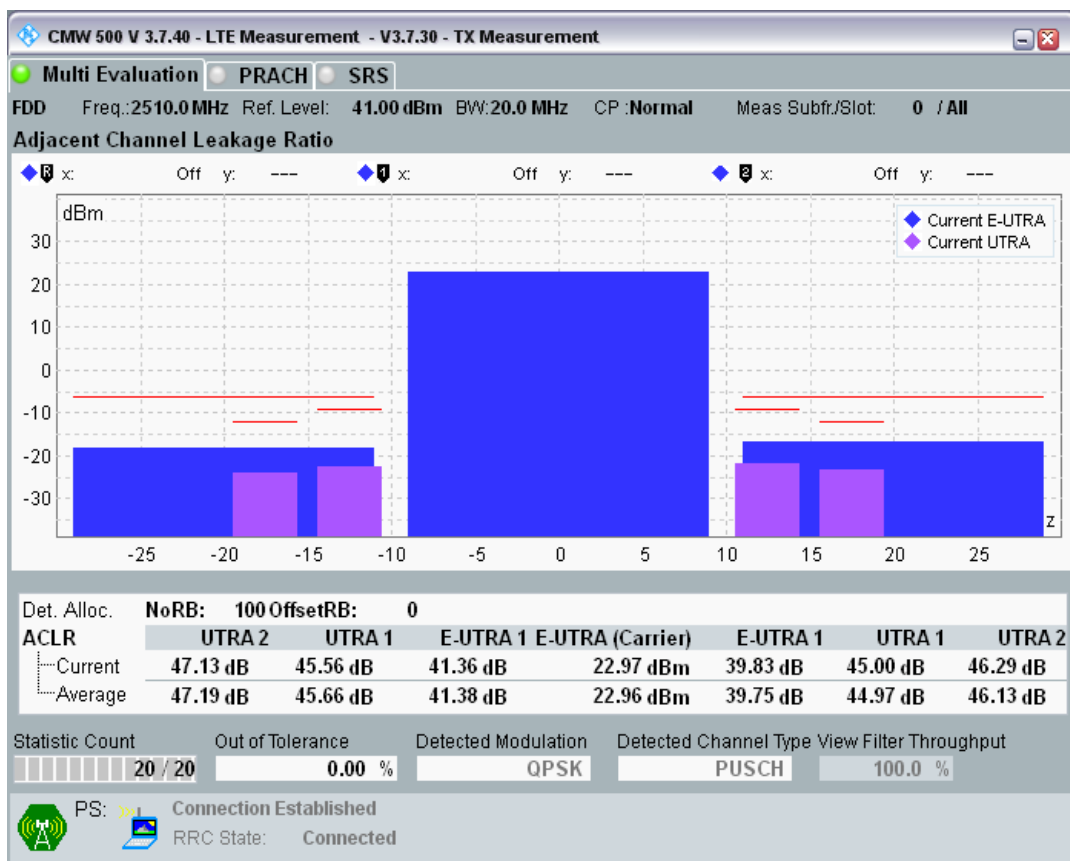
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Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0.png



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



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



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



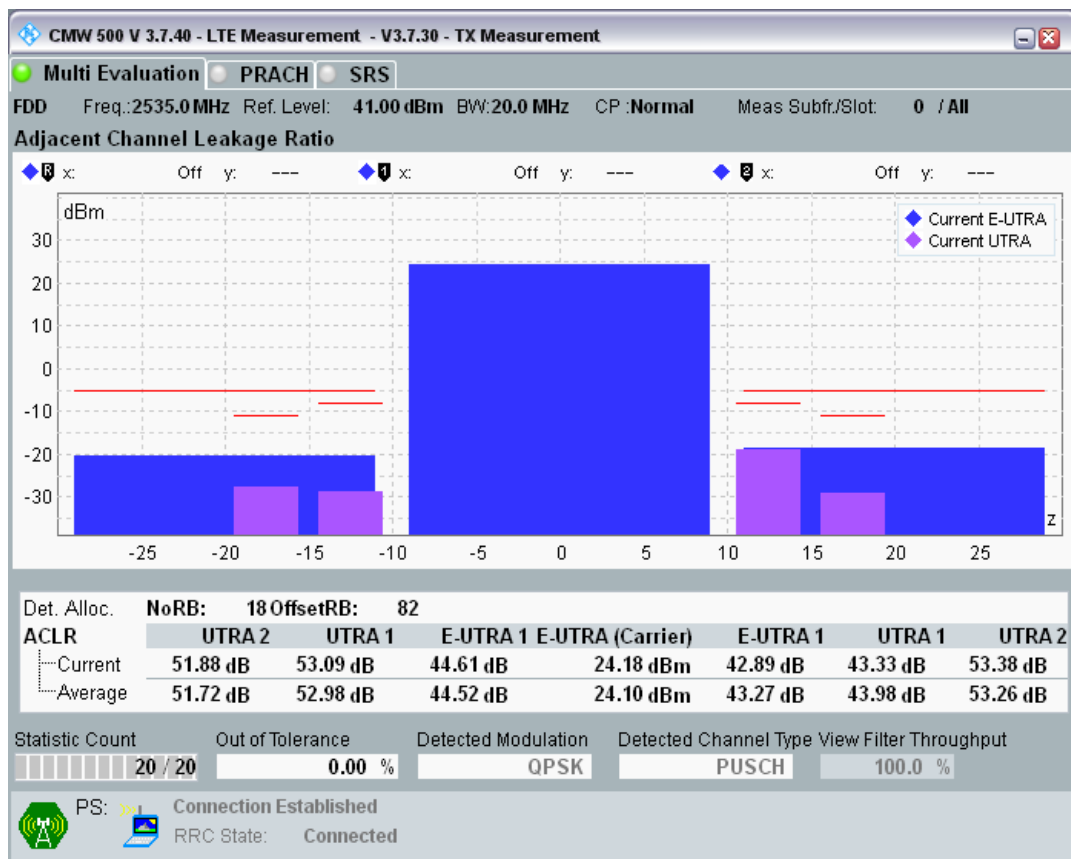
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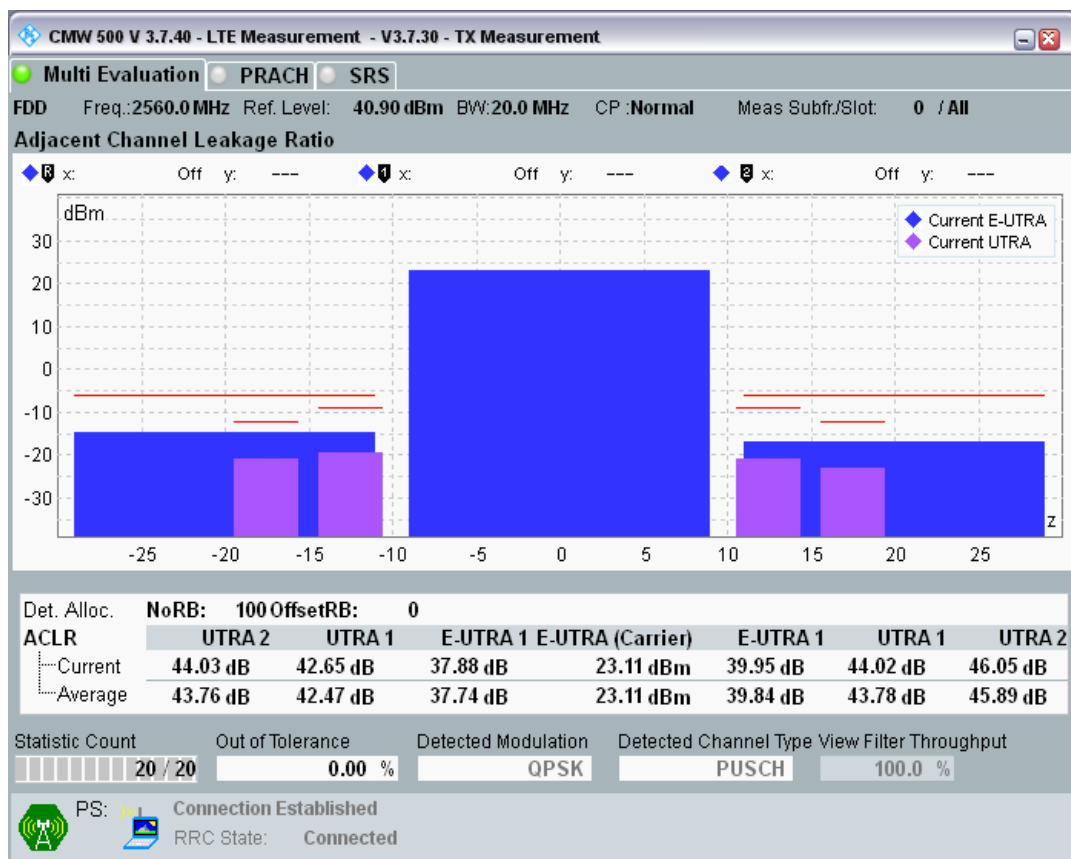
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Band7 QPSK BW=20MHz Channel=21100 RB Size=18 Position=#Max.png



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



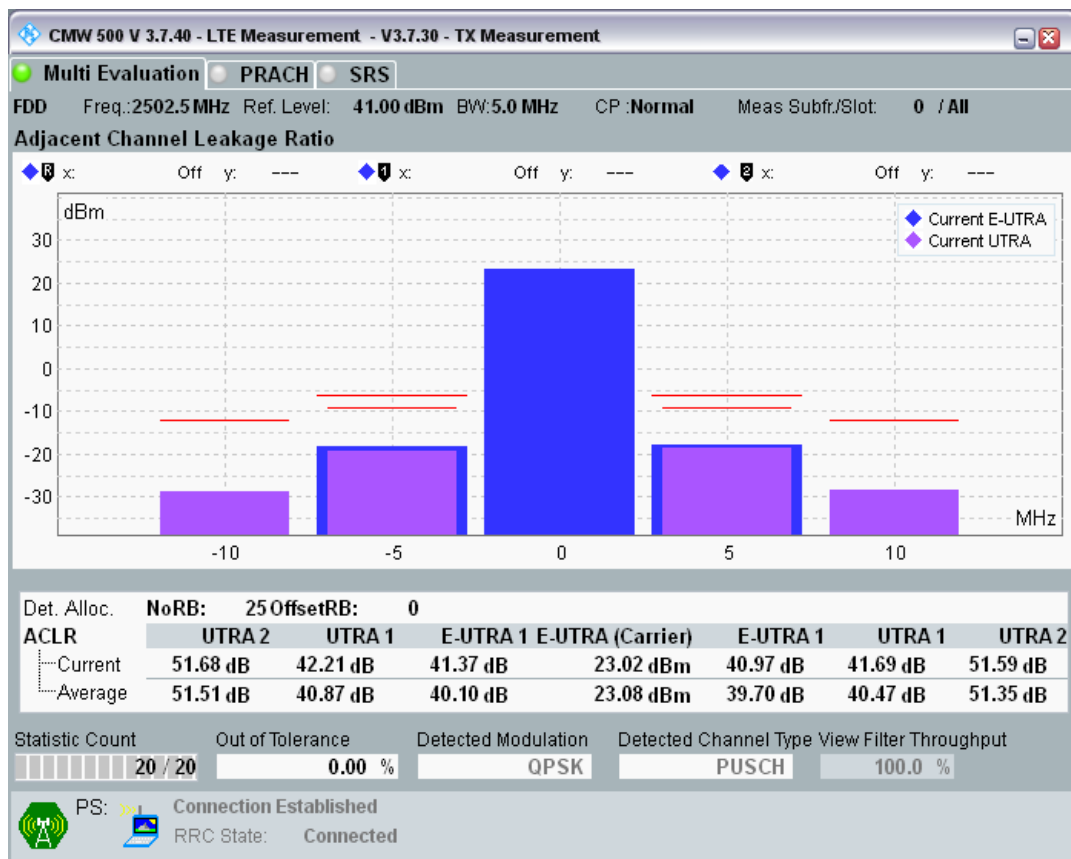
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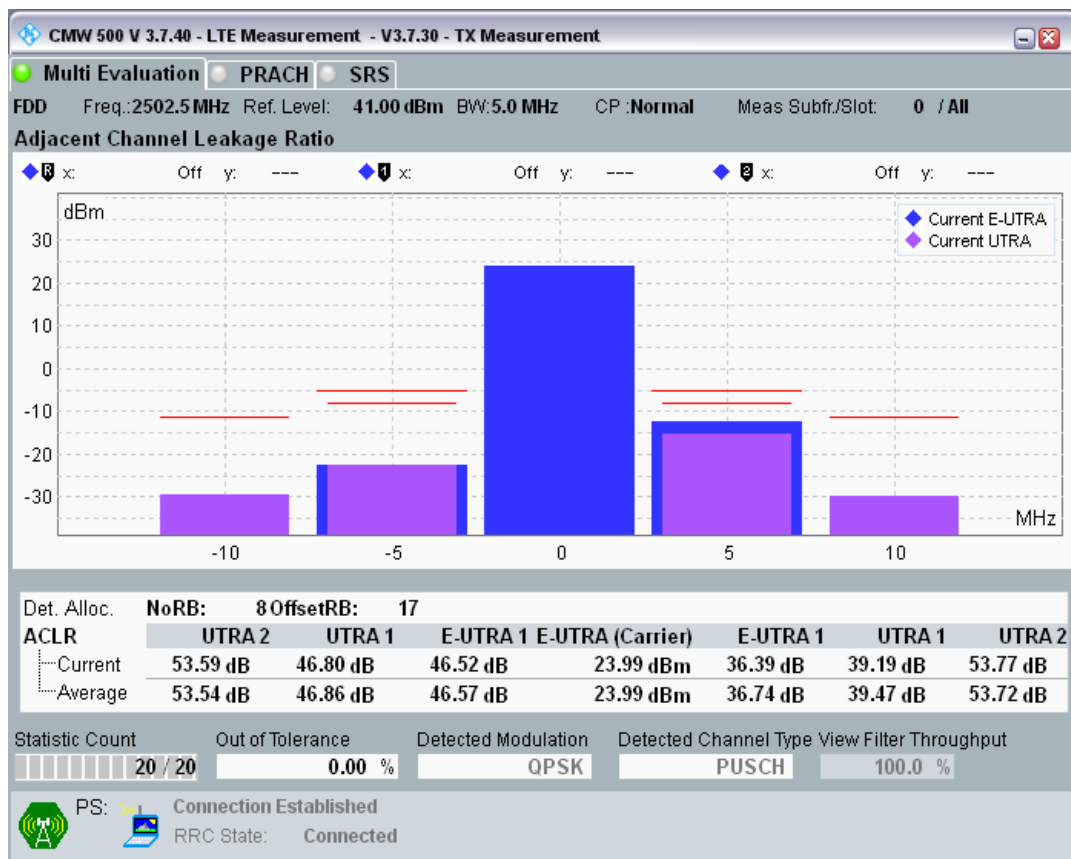
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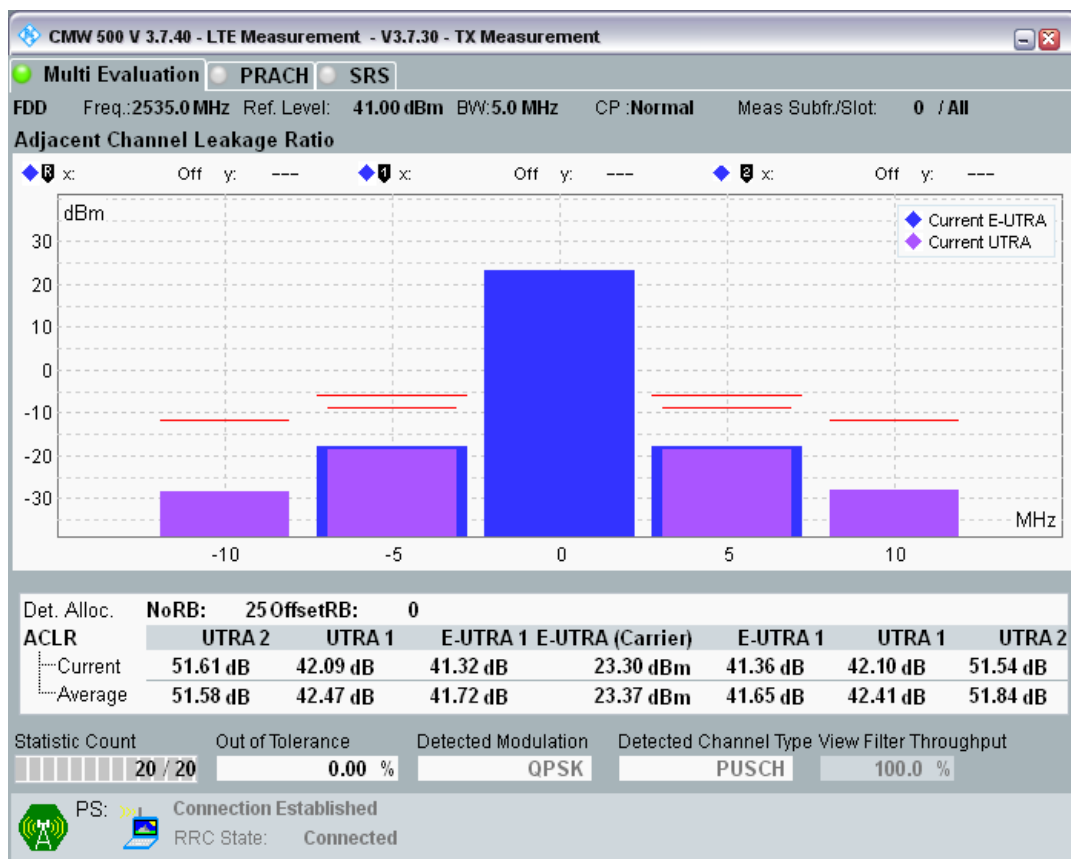
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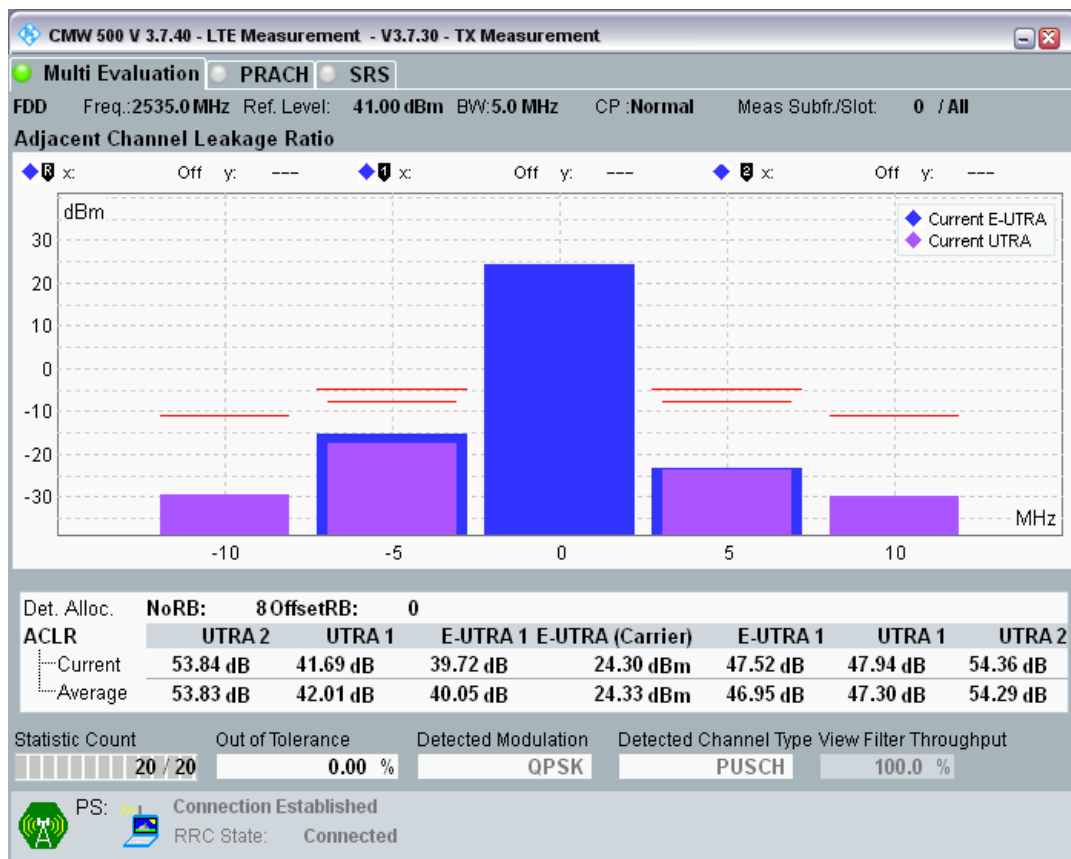
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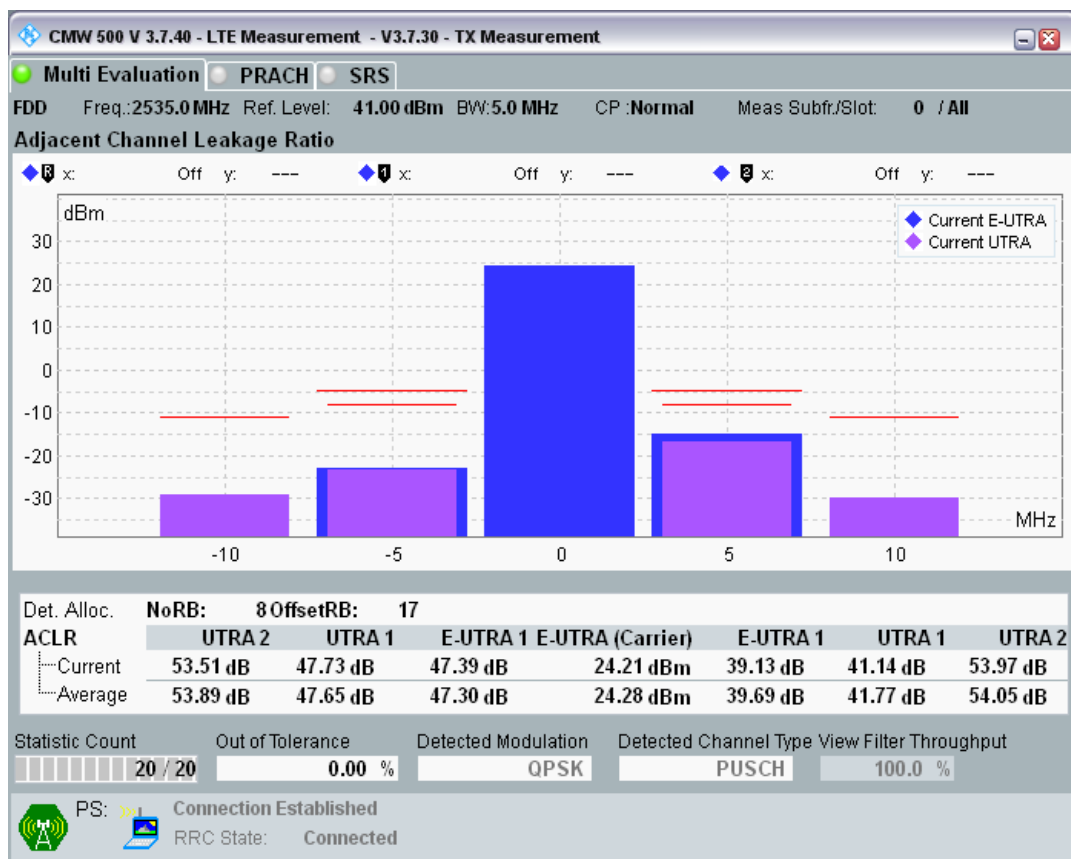
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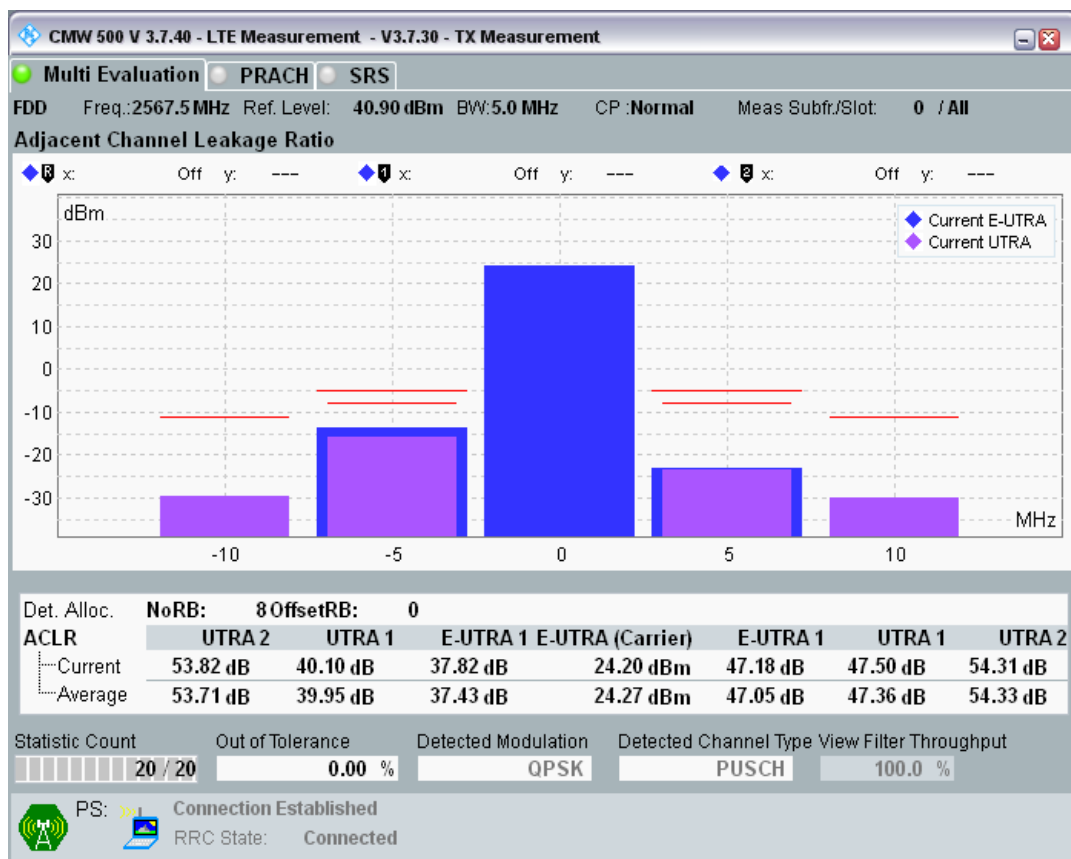
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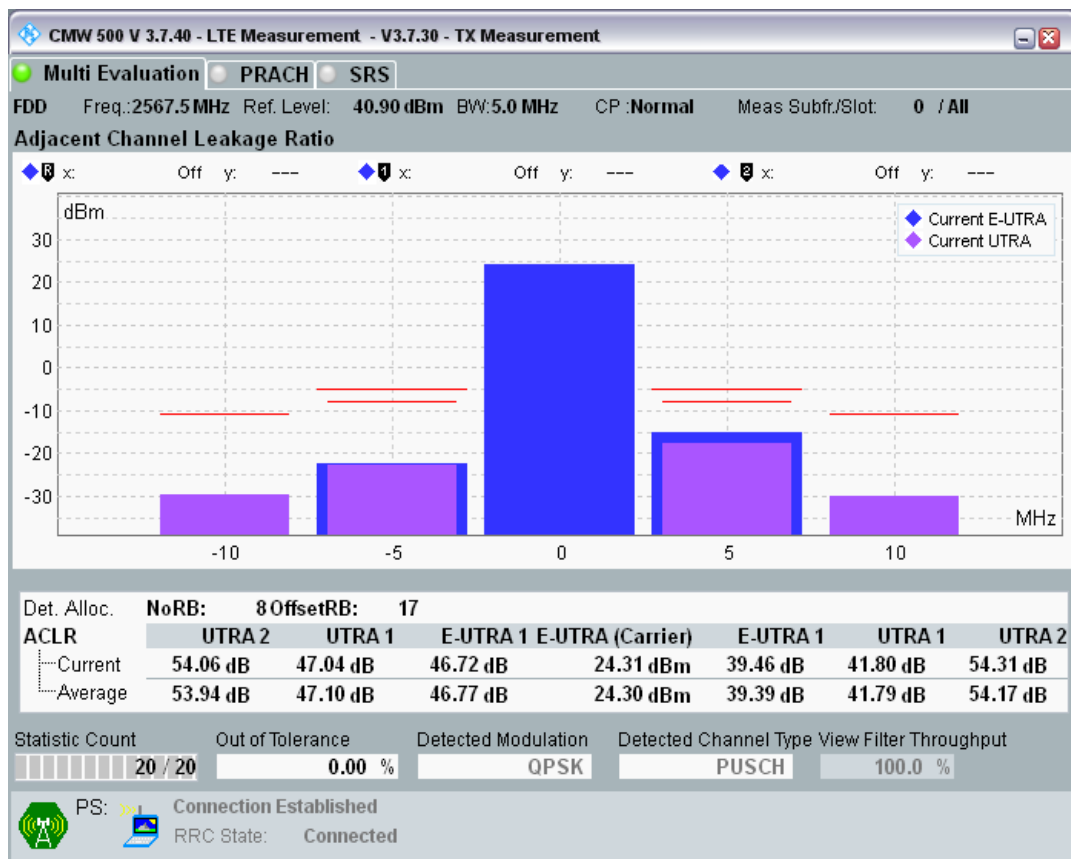
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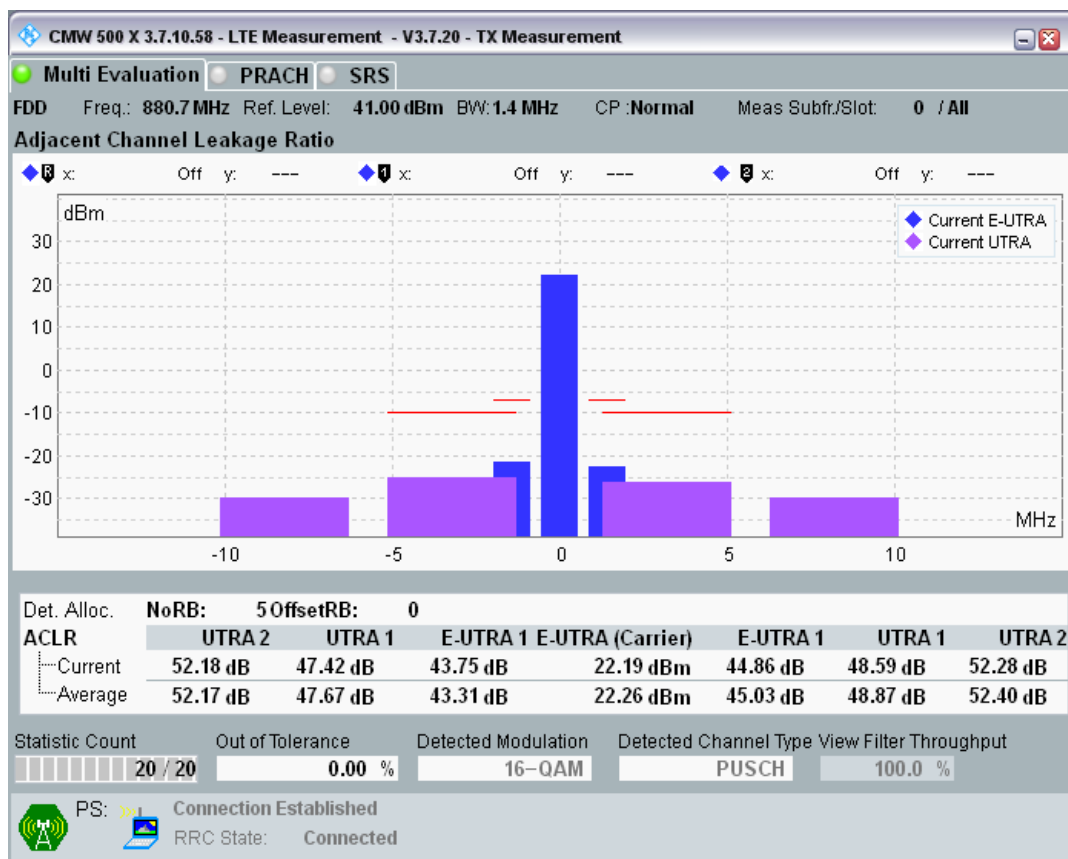
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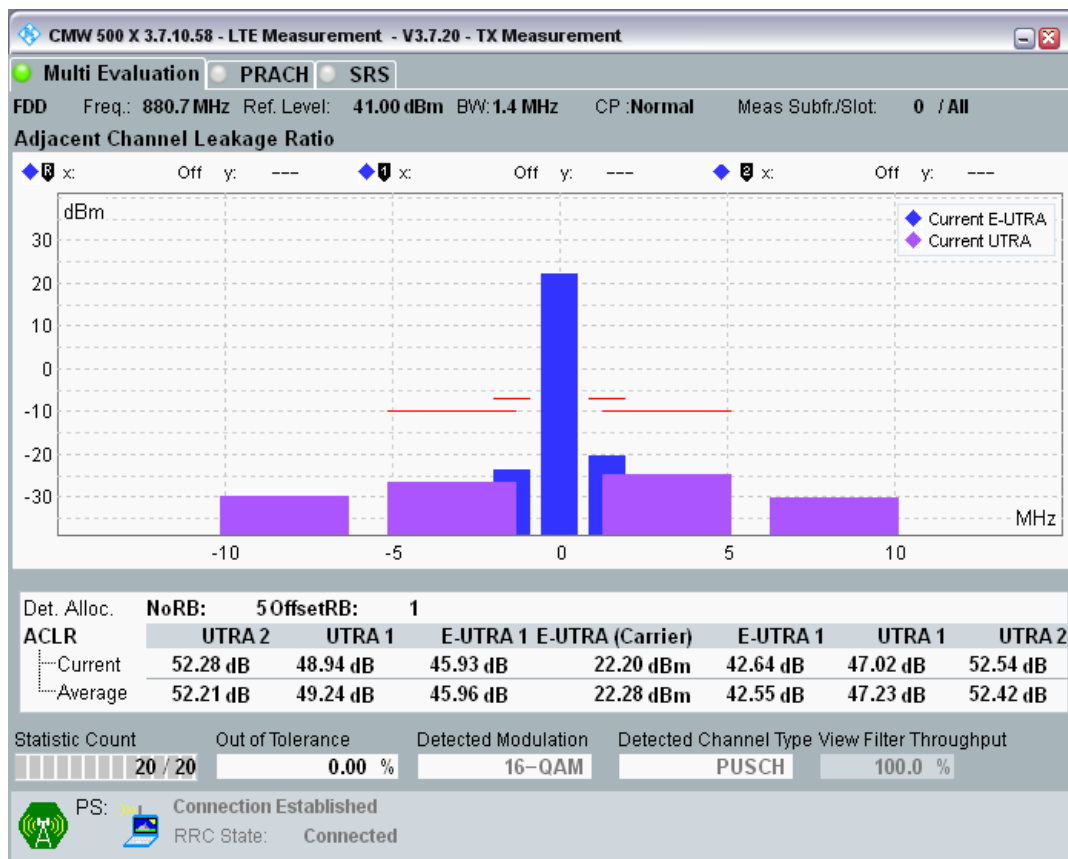
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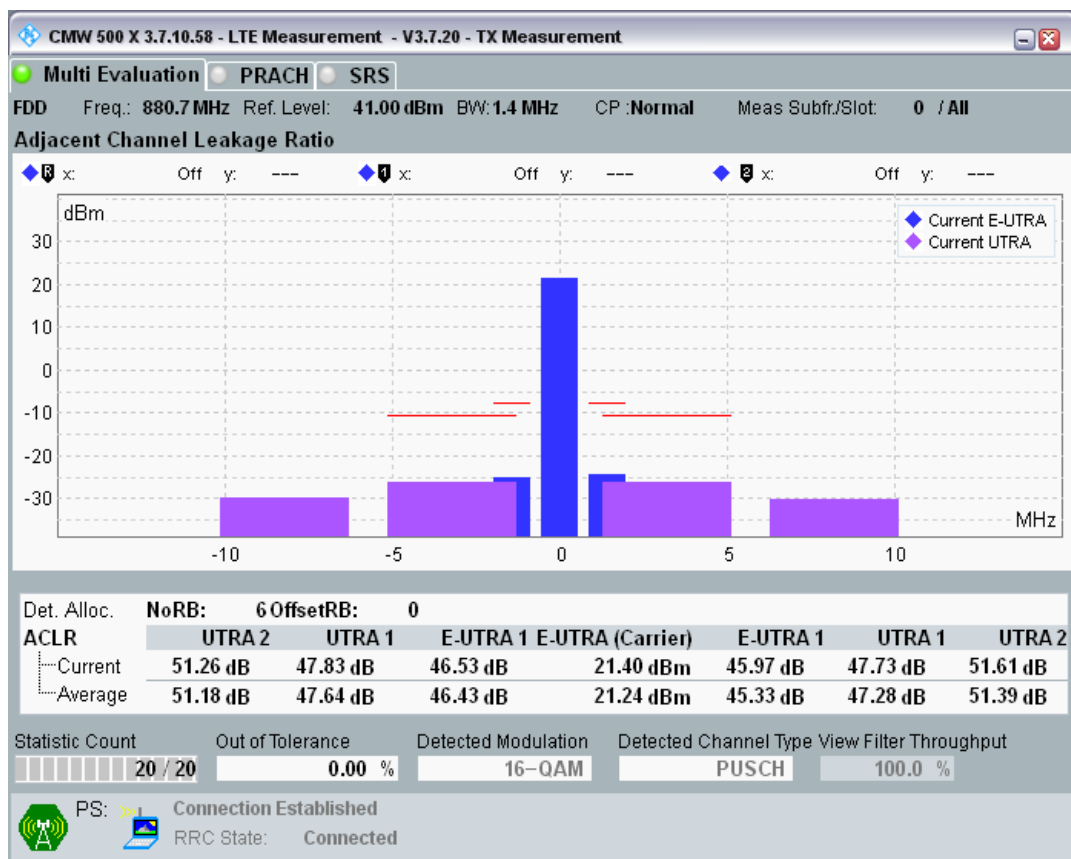
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



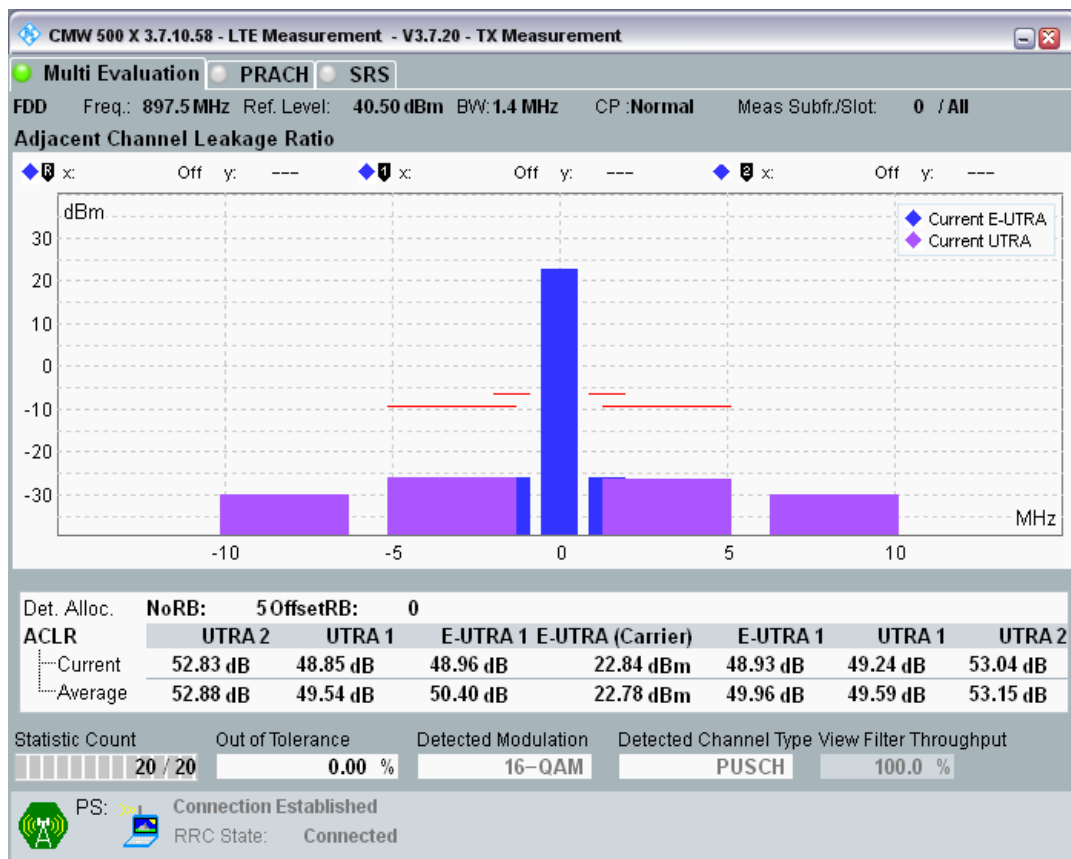
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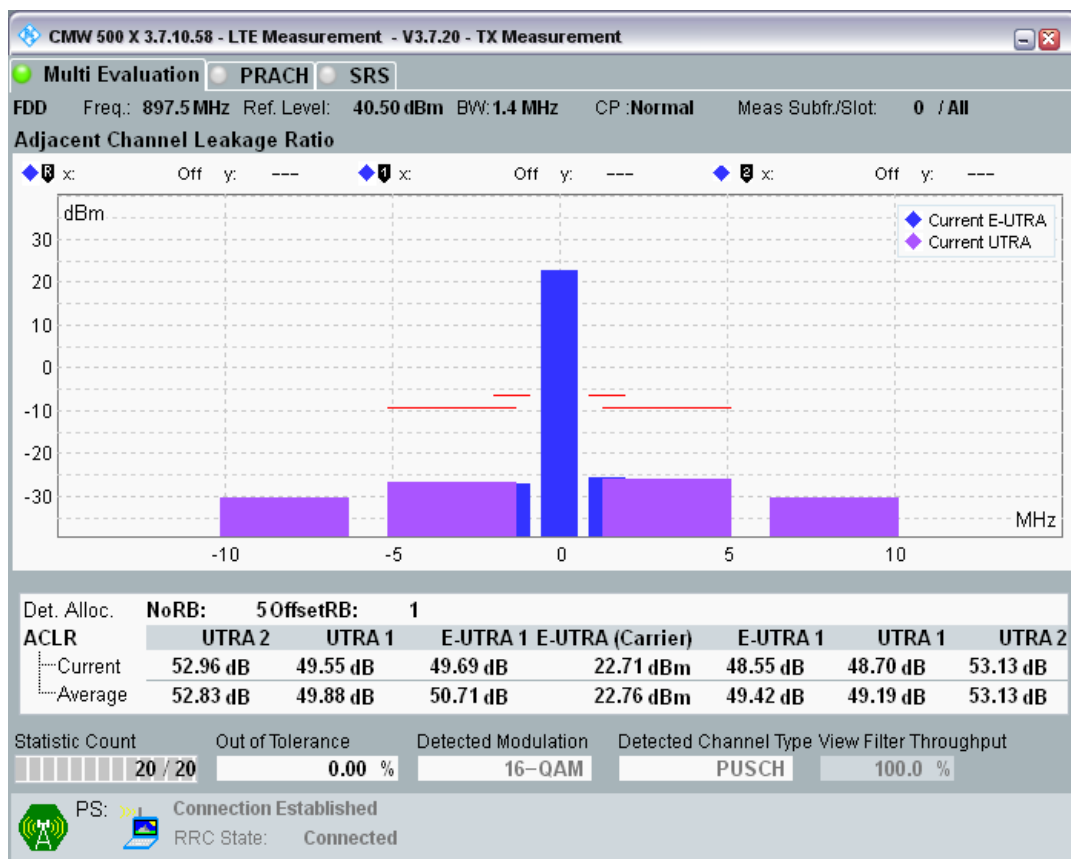
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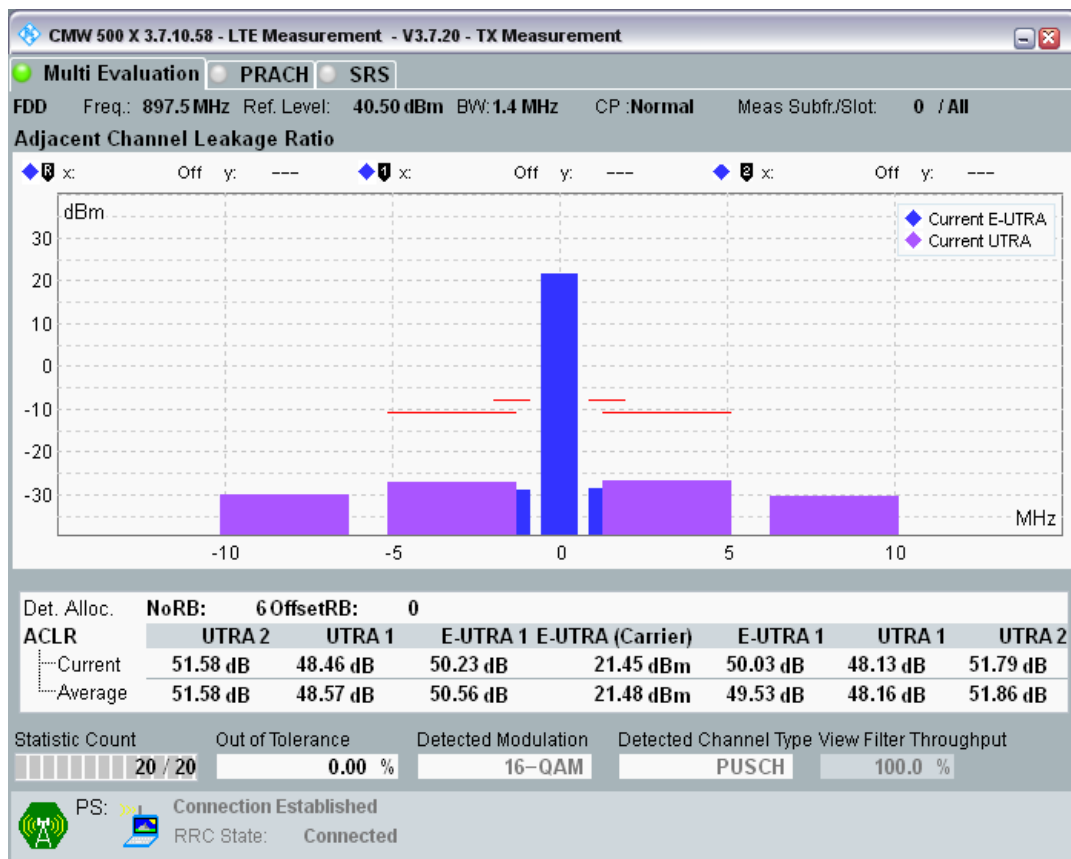
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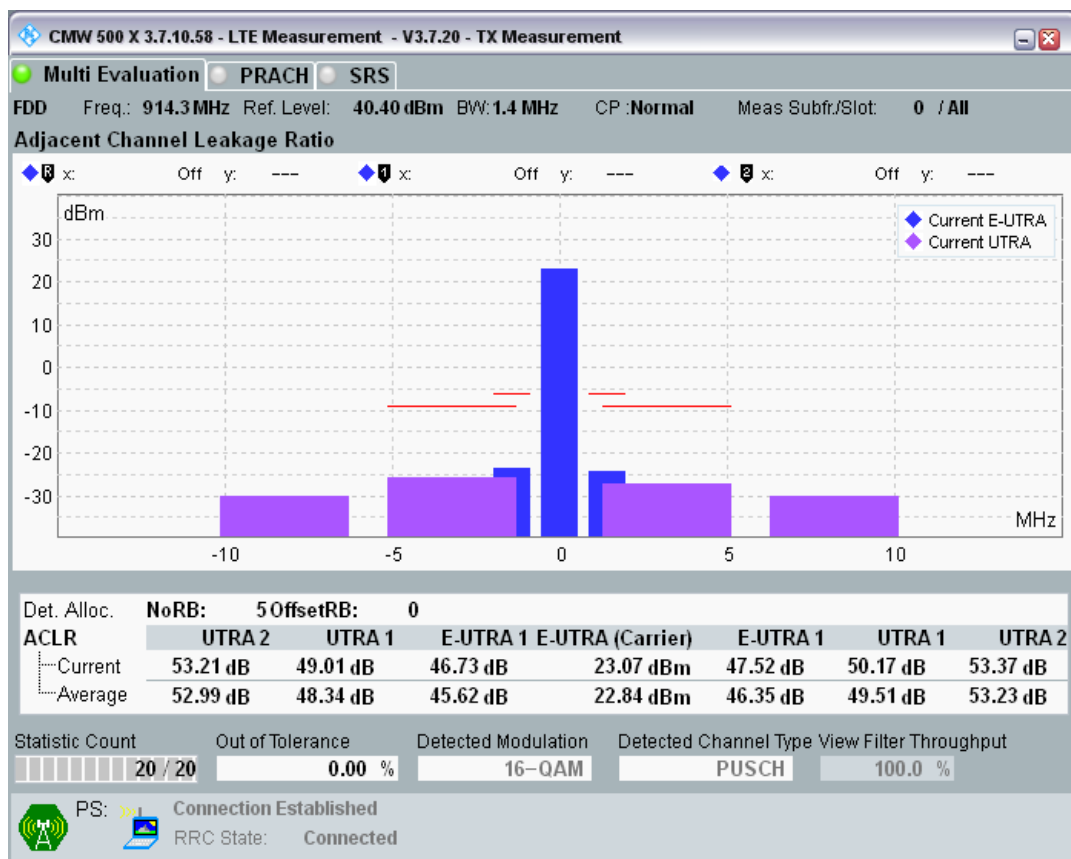
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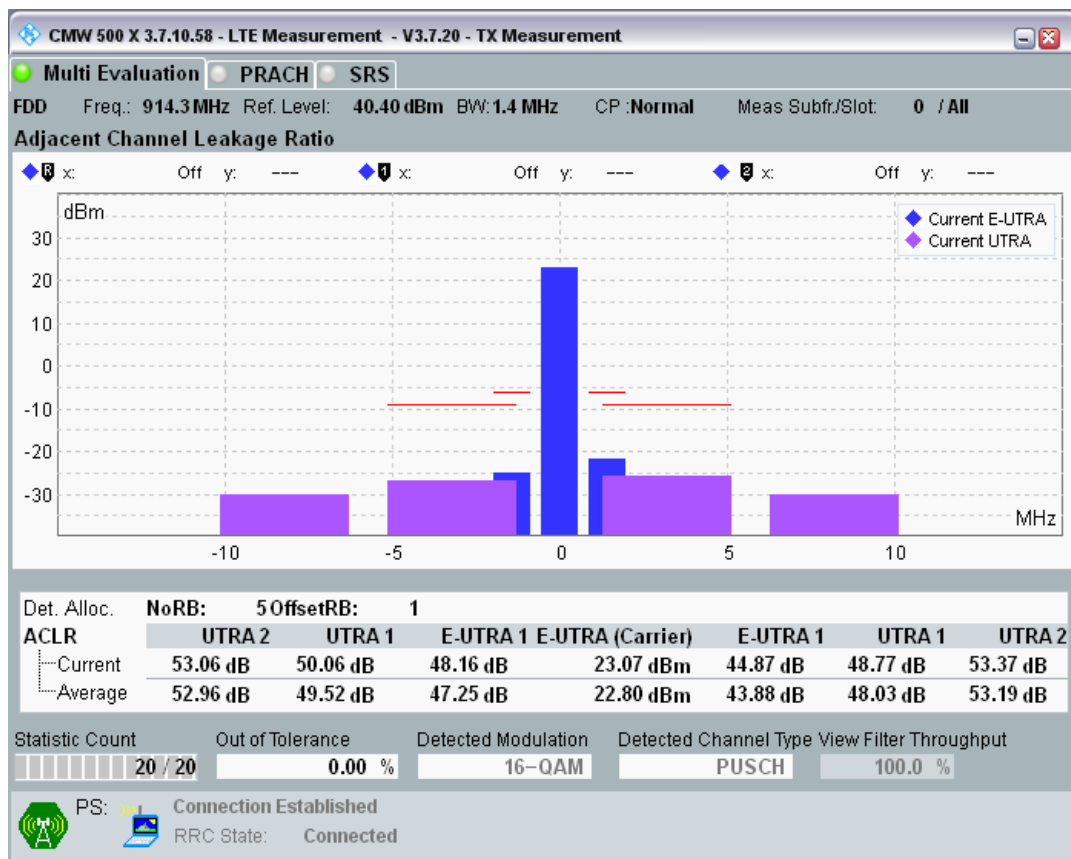
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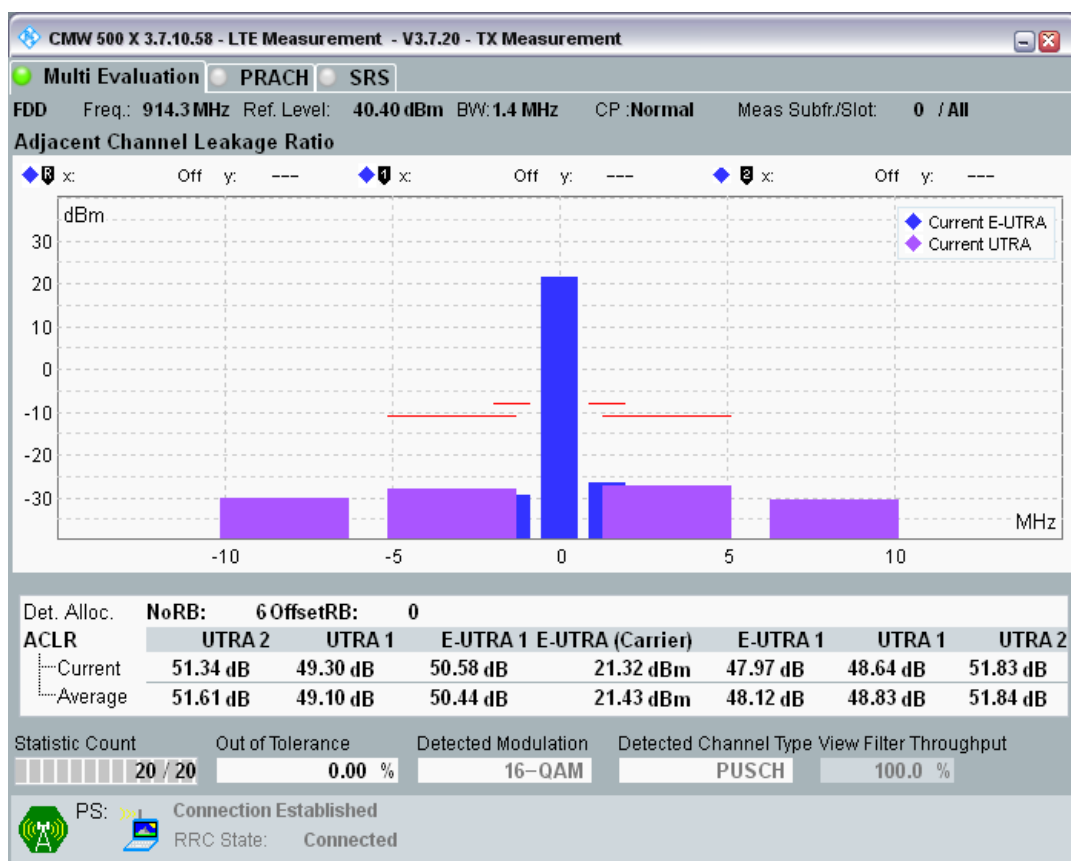
Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



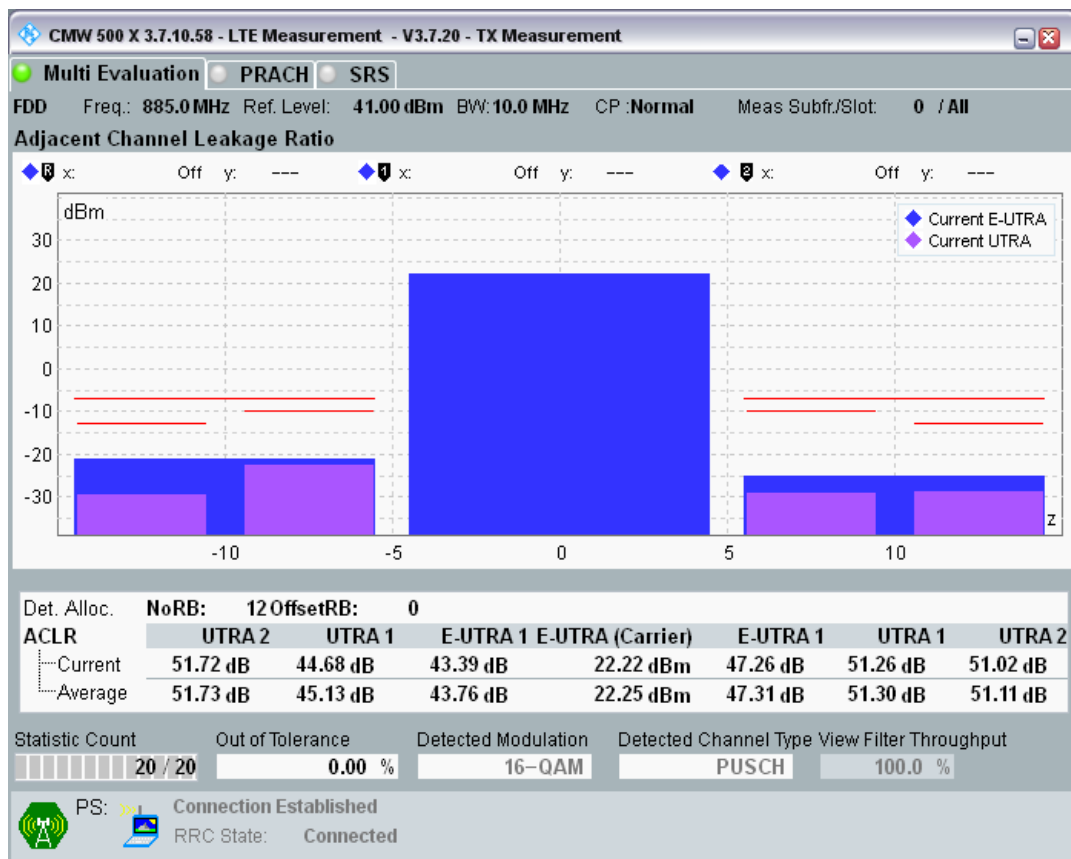
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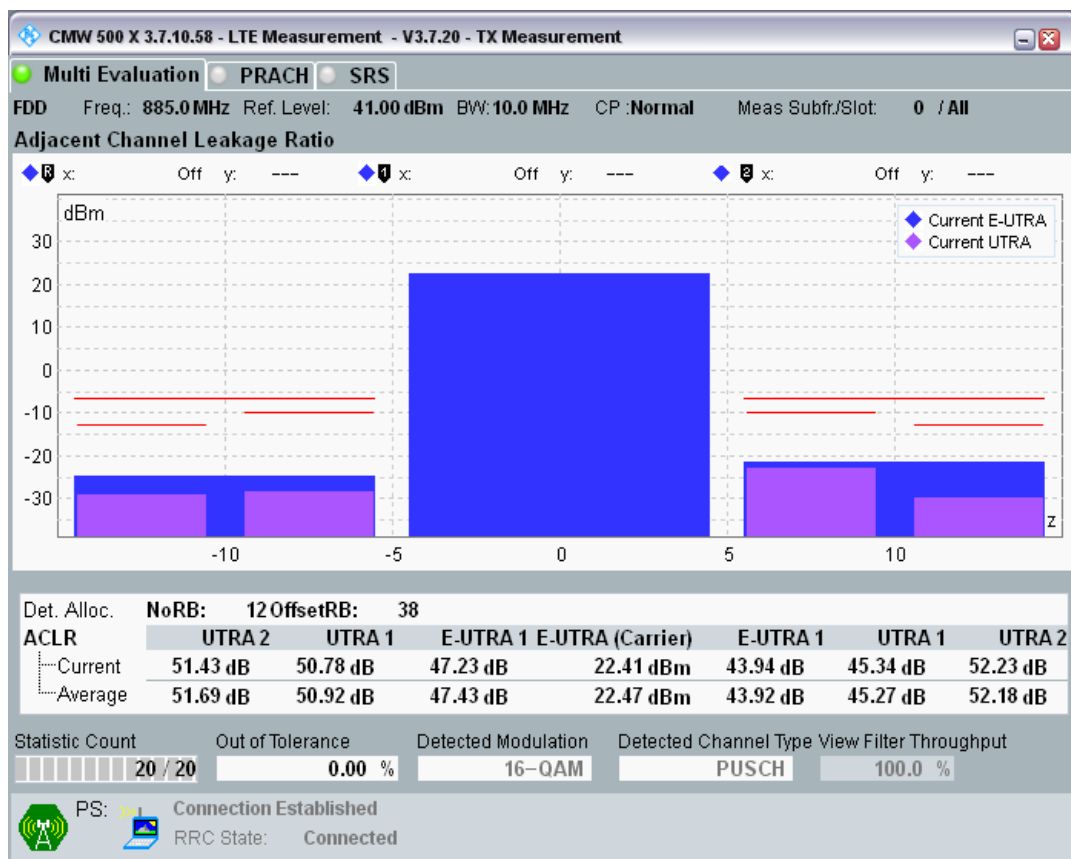
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Band8 QAM16 BW=10MHz Channel=21500 RB Size=12 Position=#0.png



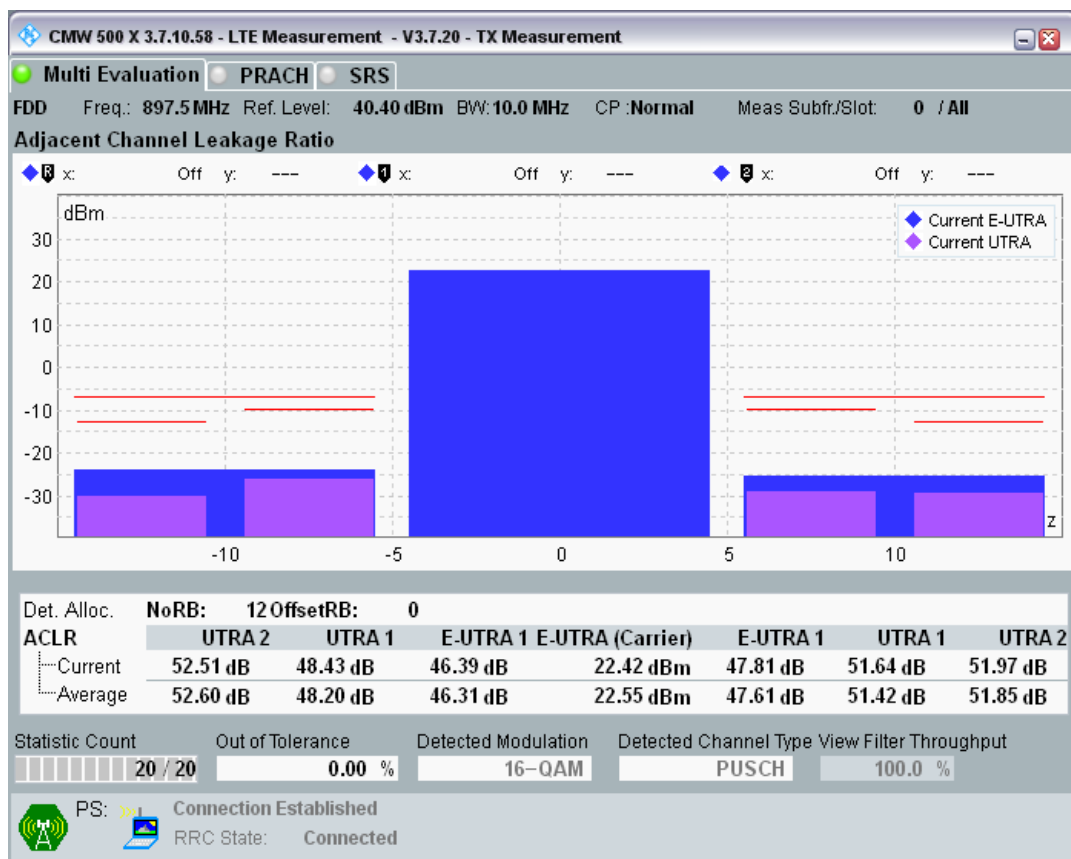
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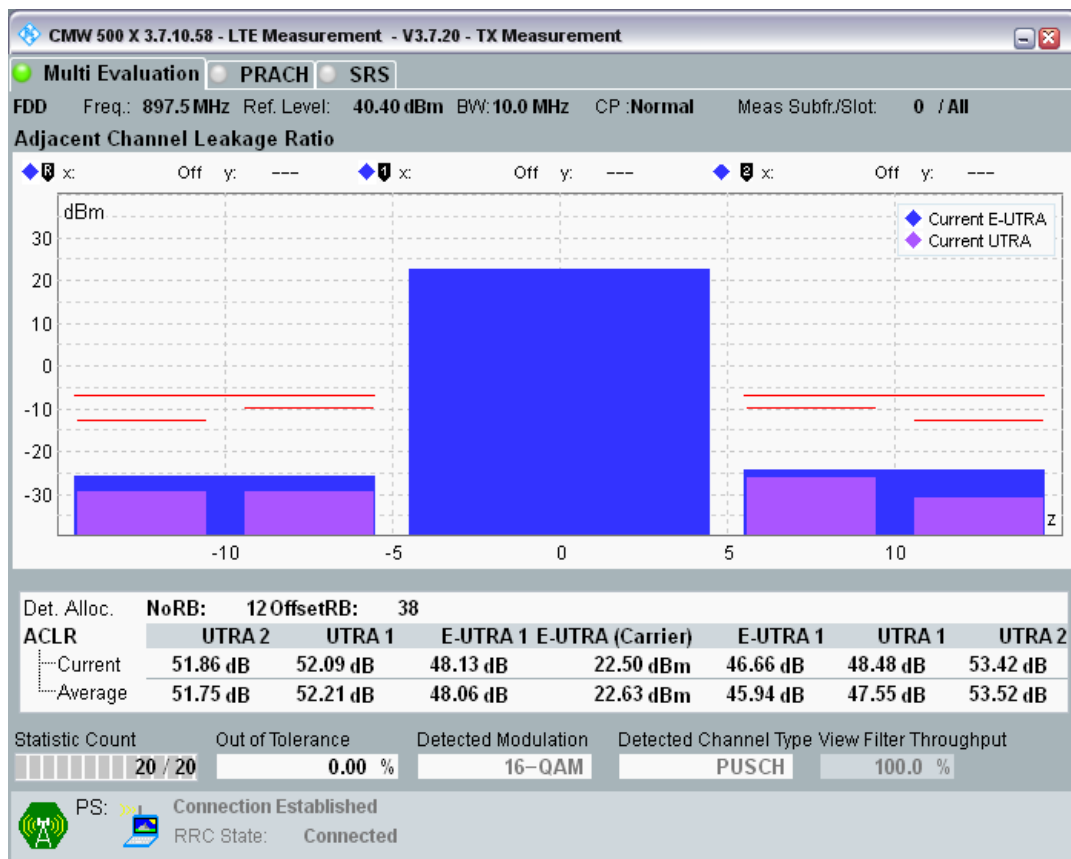
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Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#0.png



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



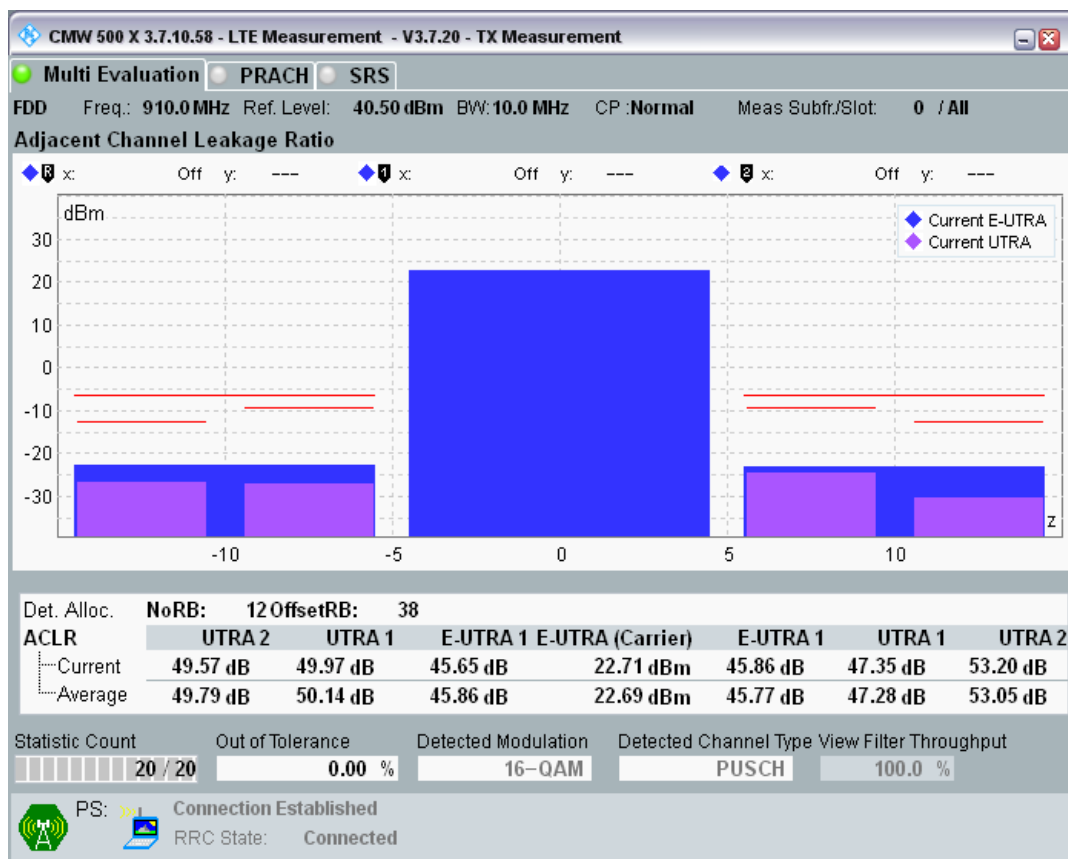
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Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#0.png



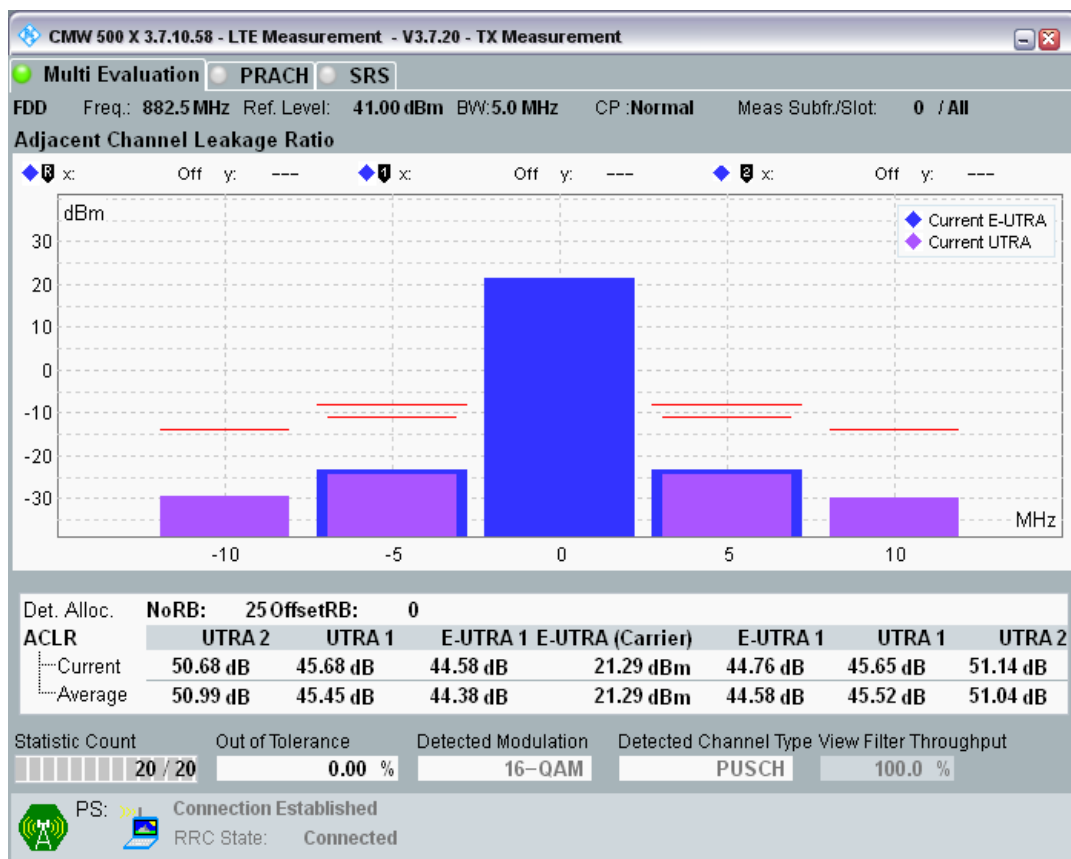
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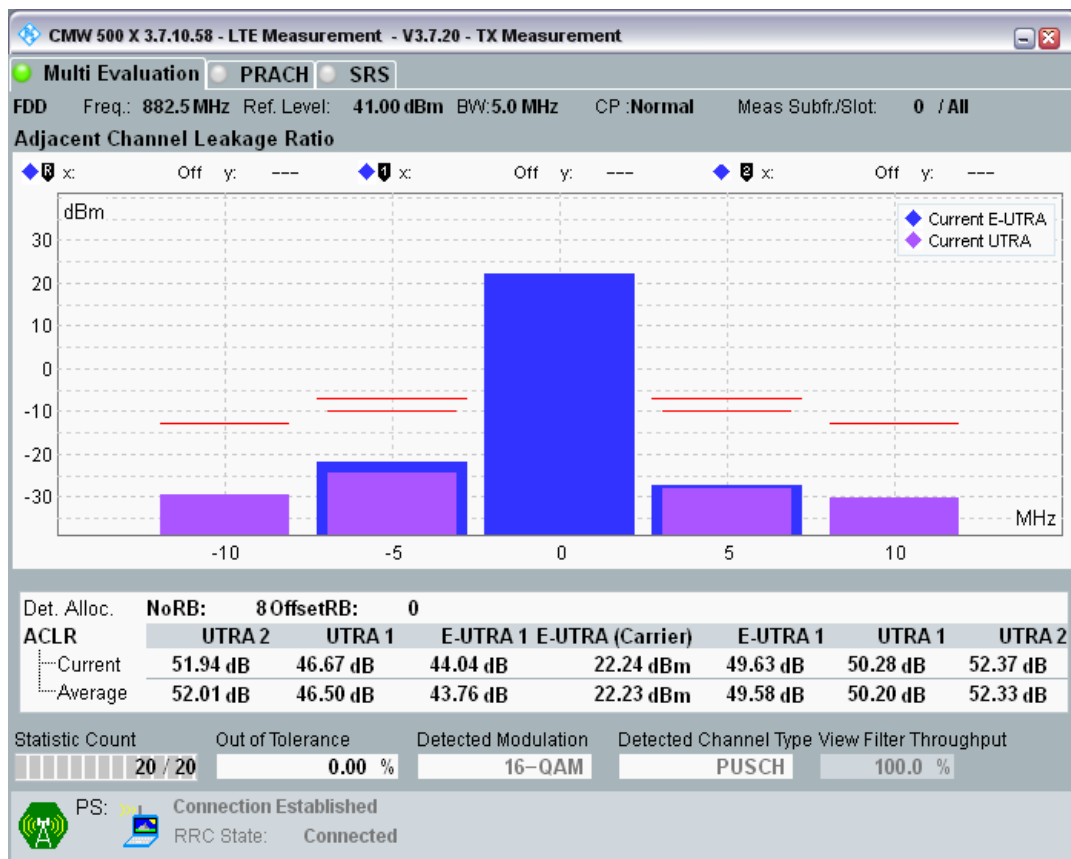
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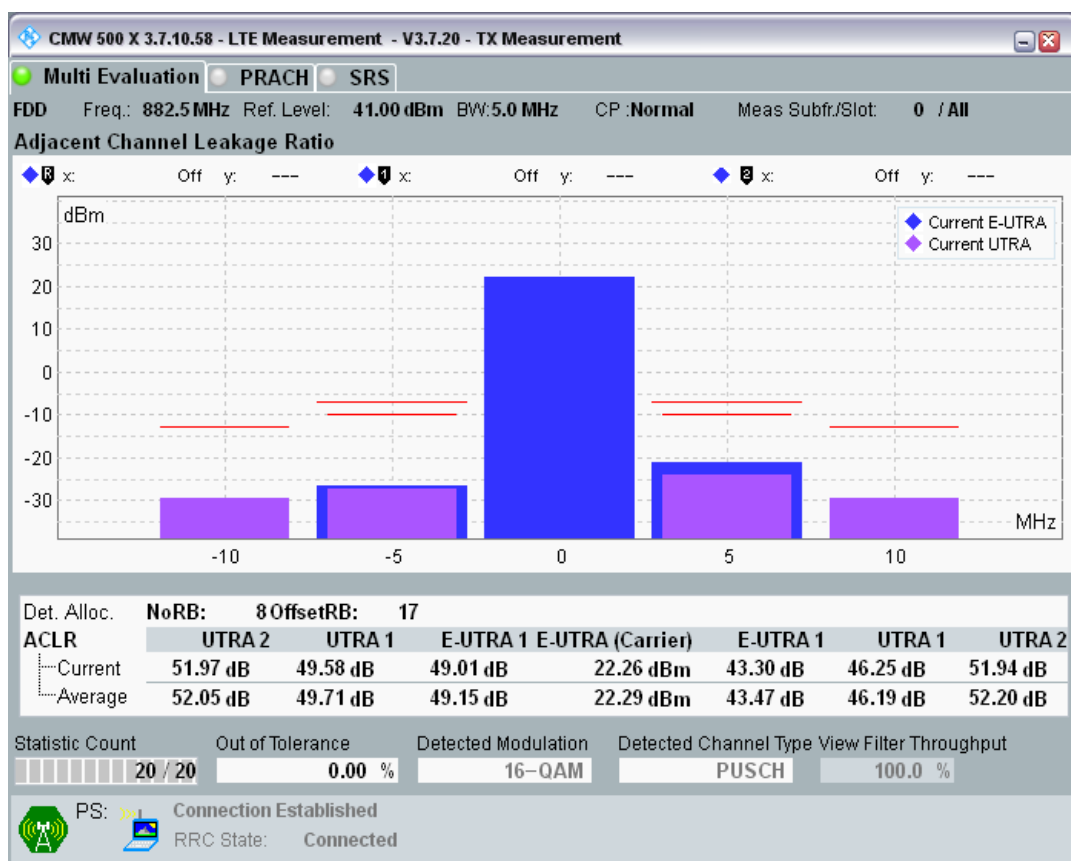
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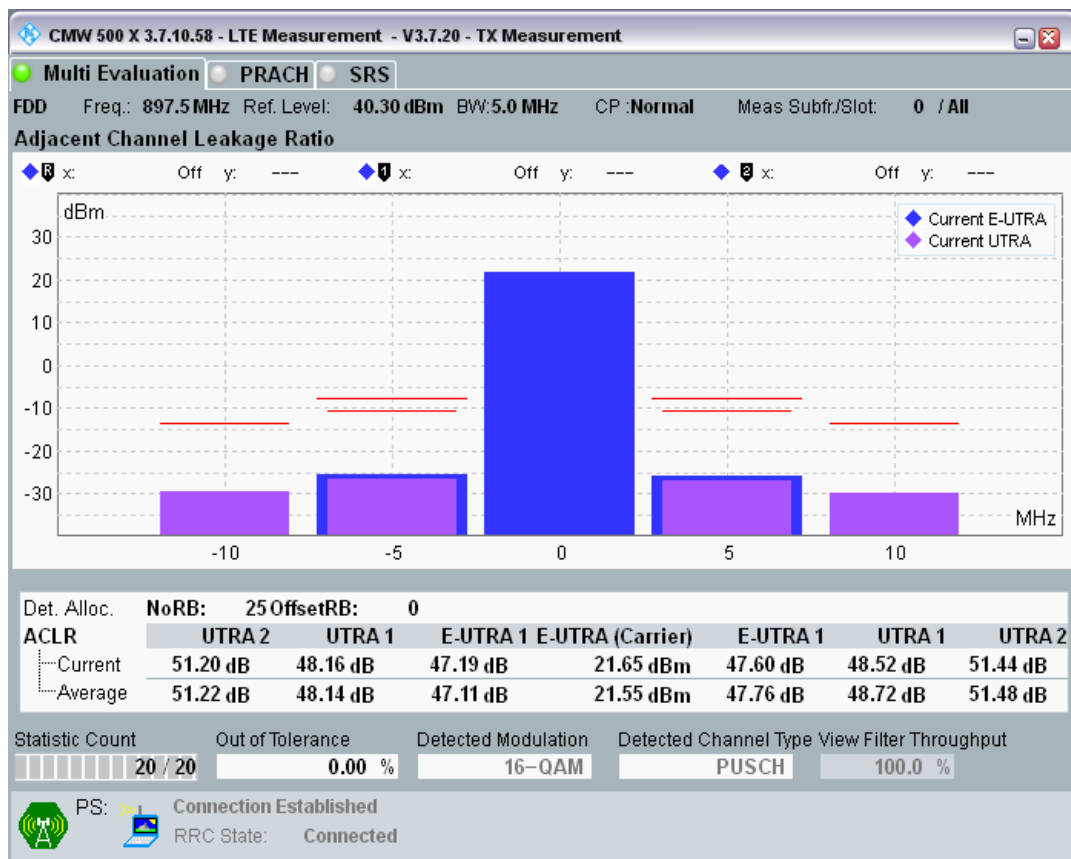
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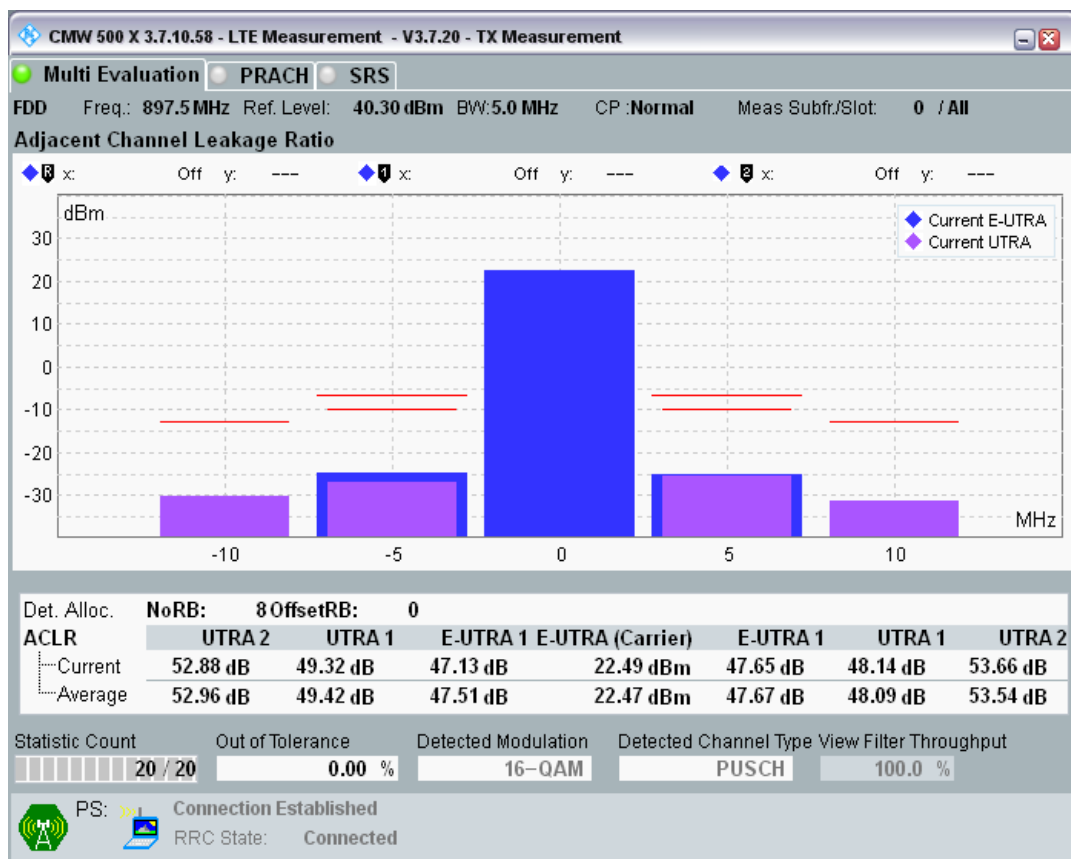
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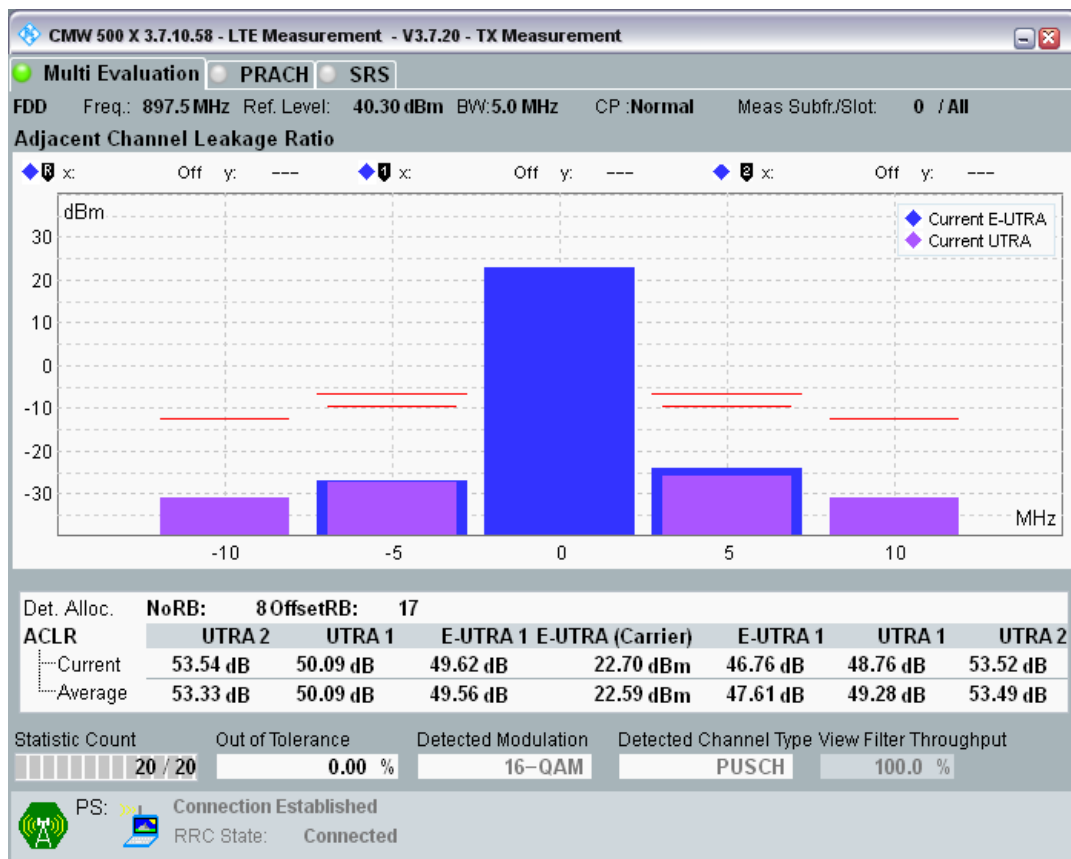
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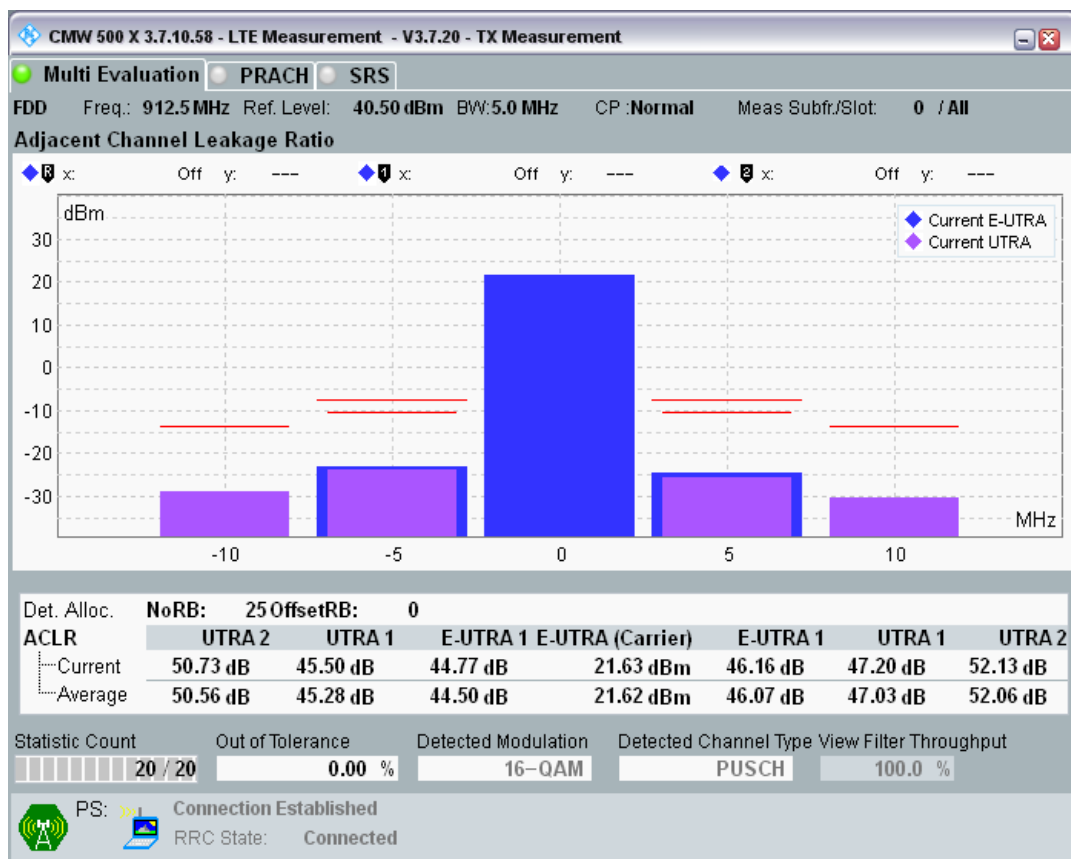
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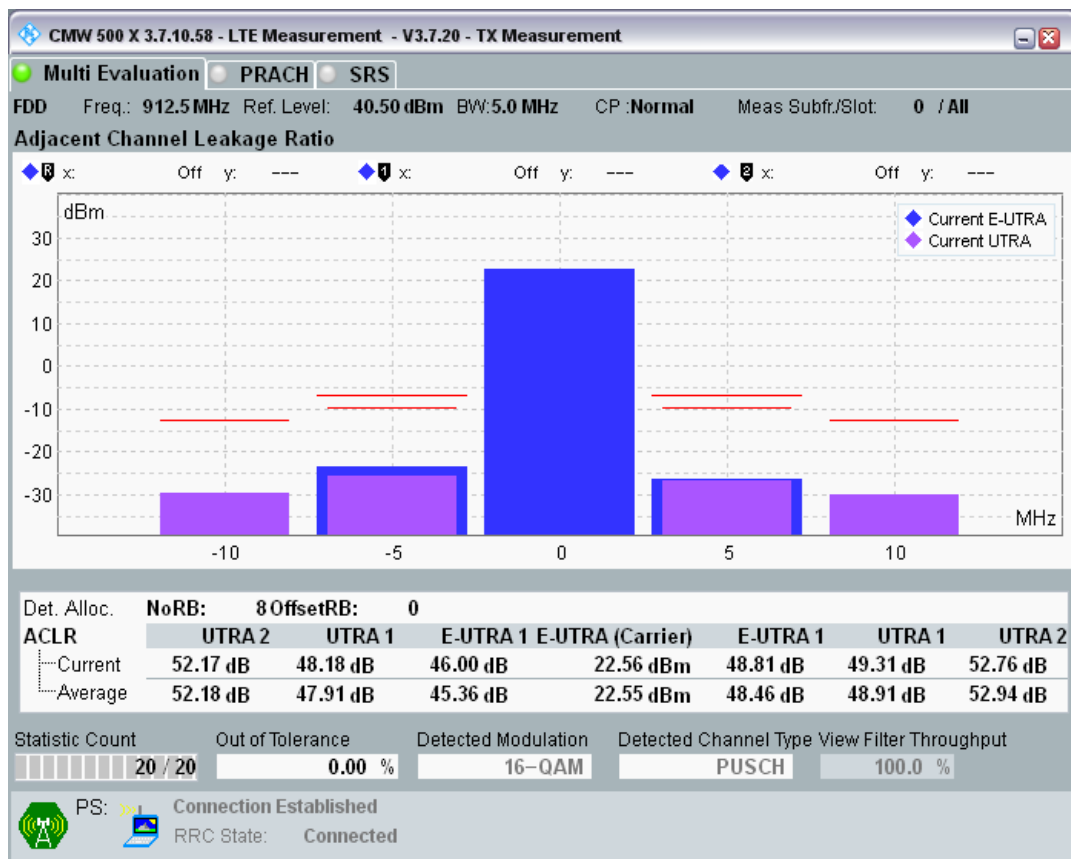
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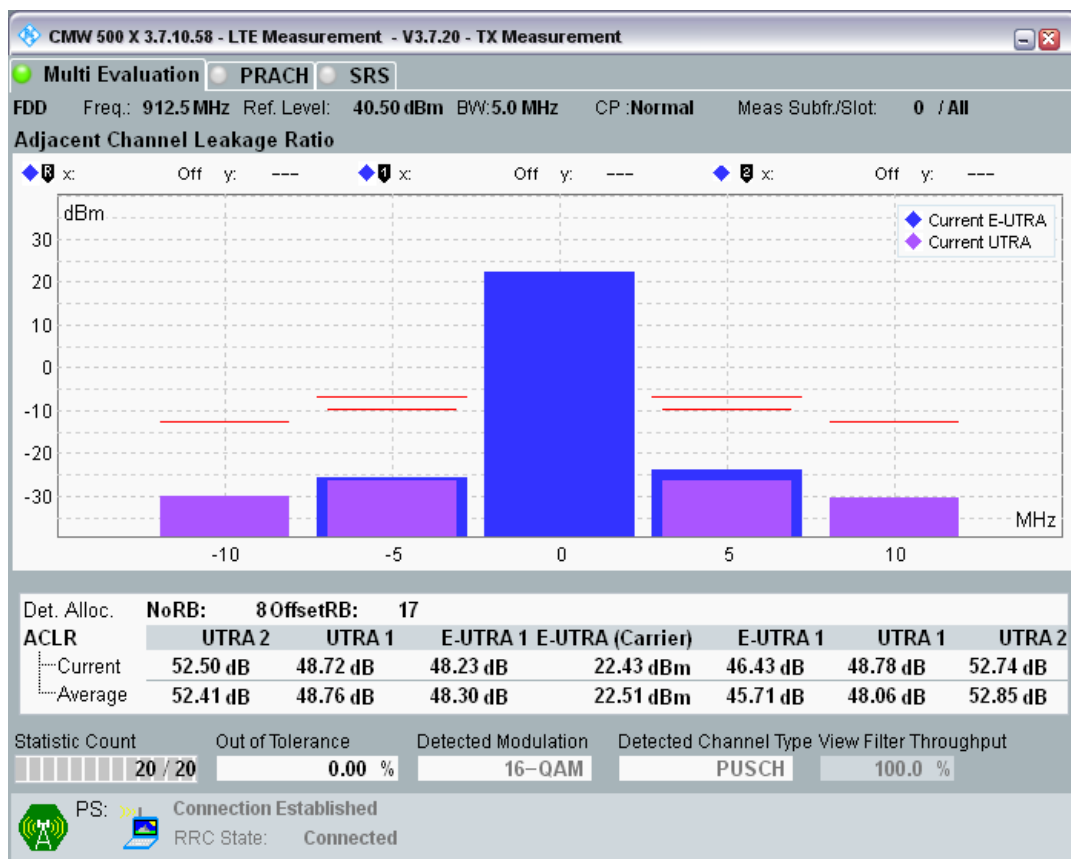
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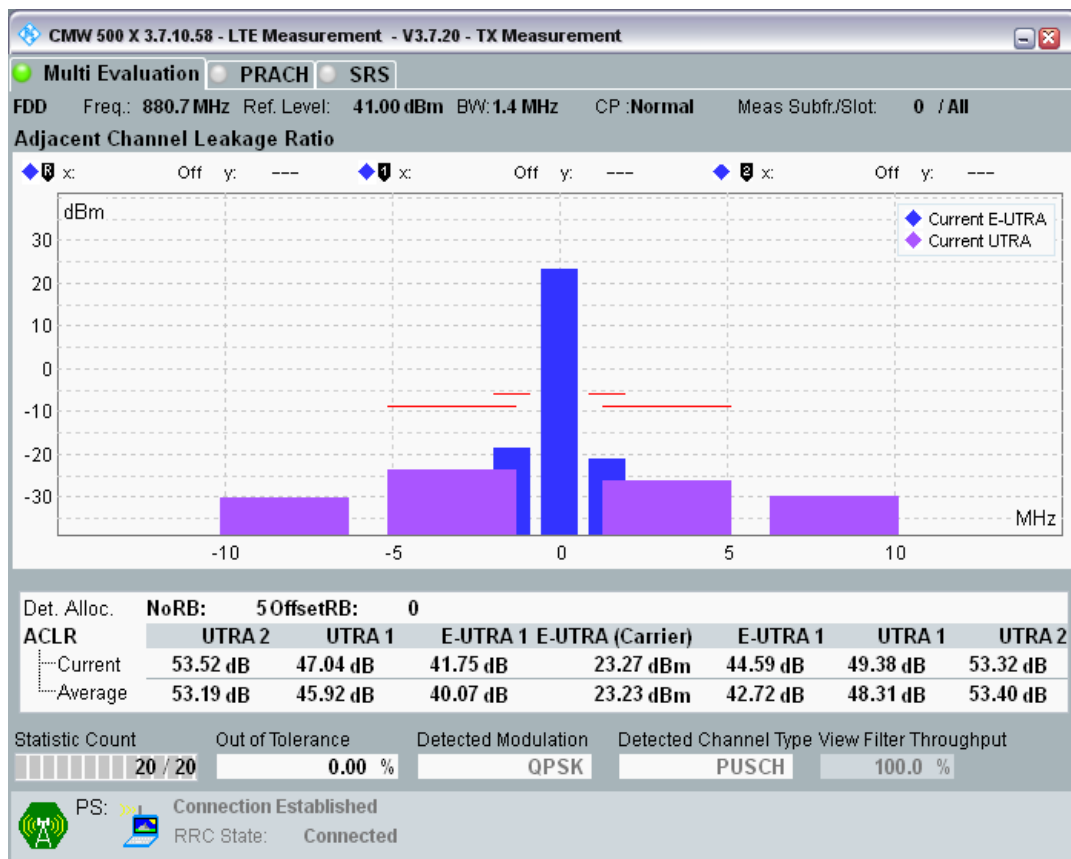
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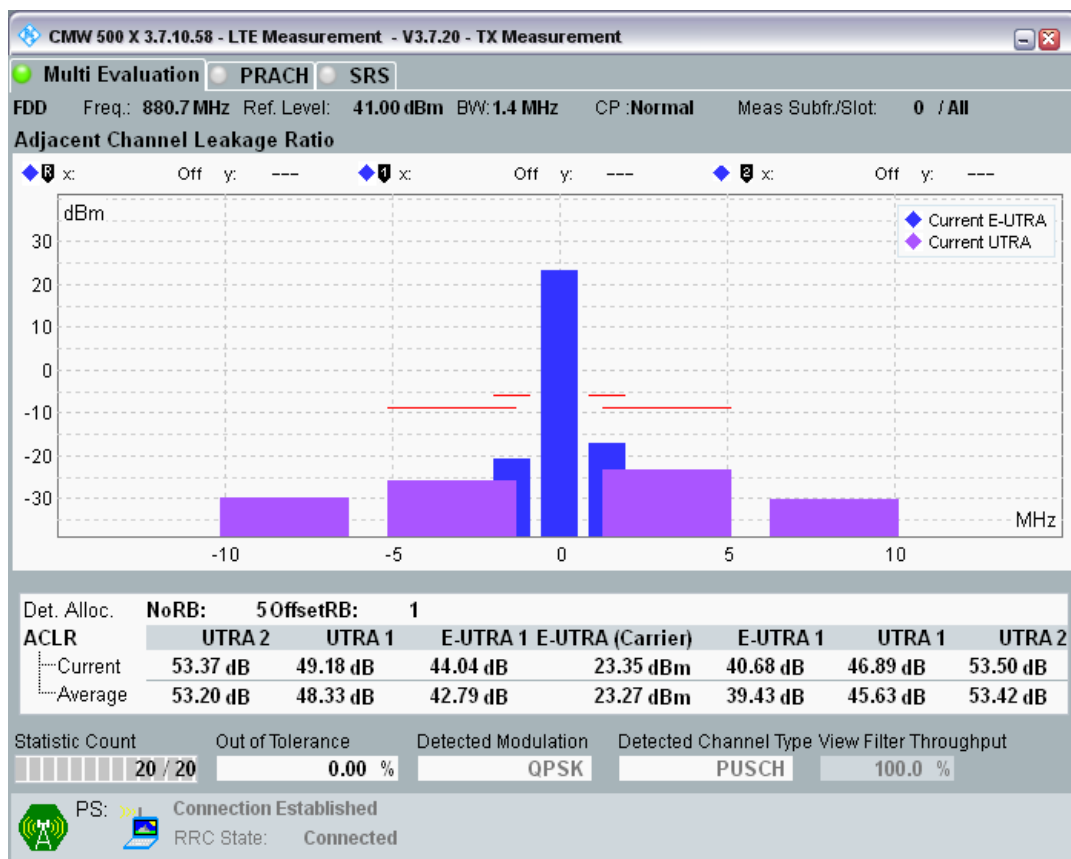
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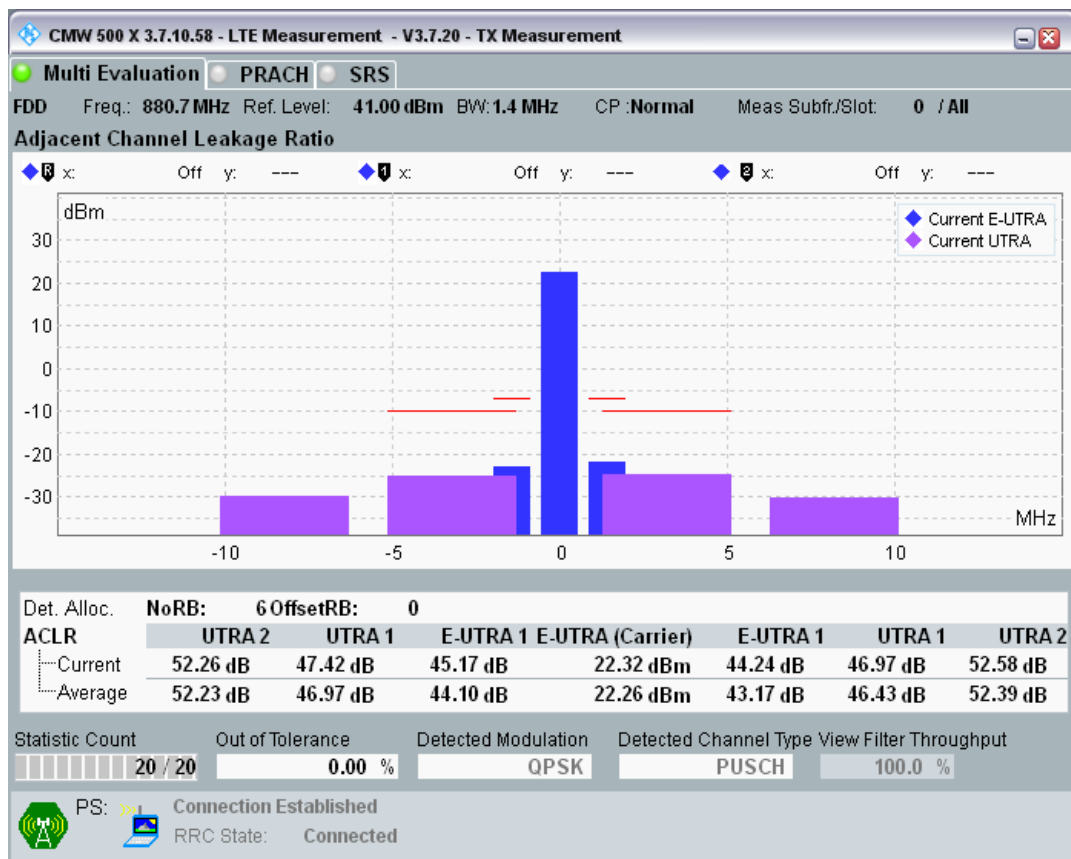
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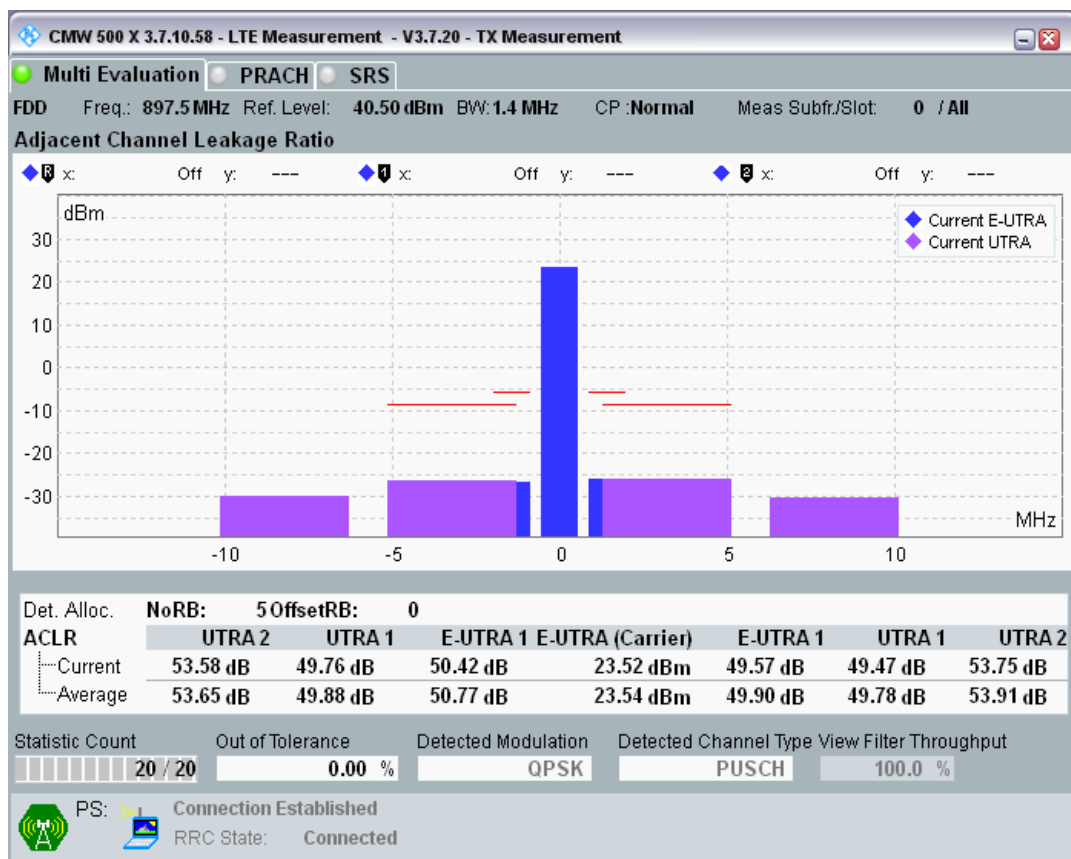
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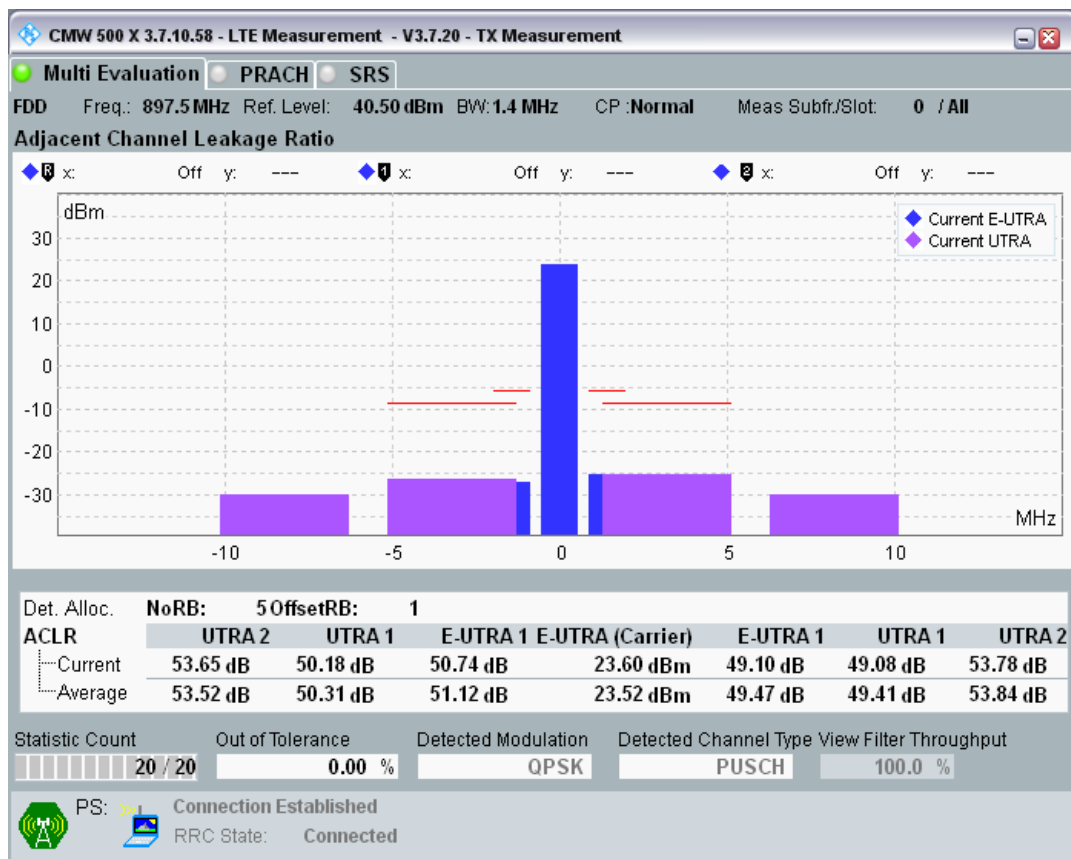
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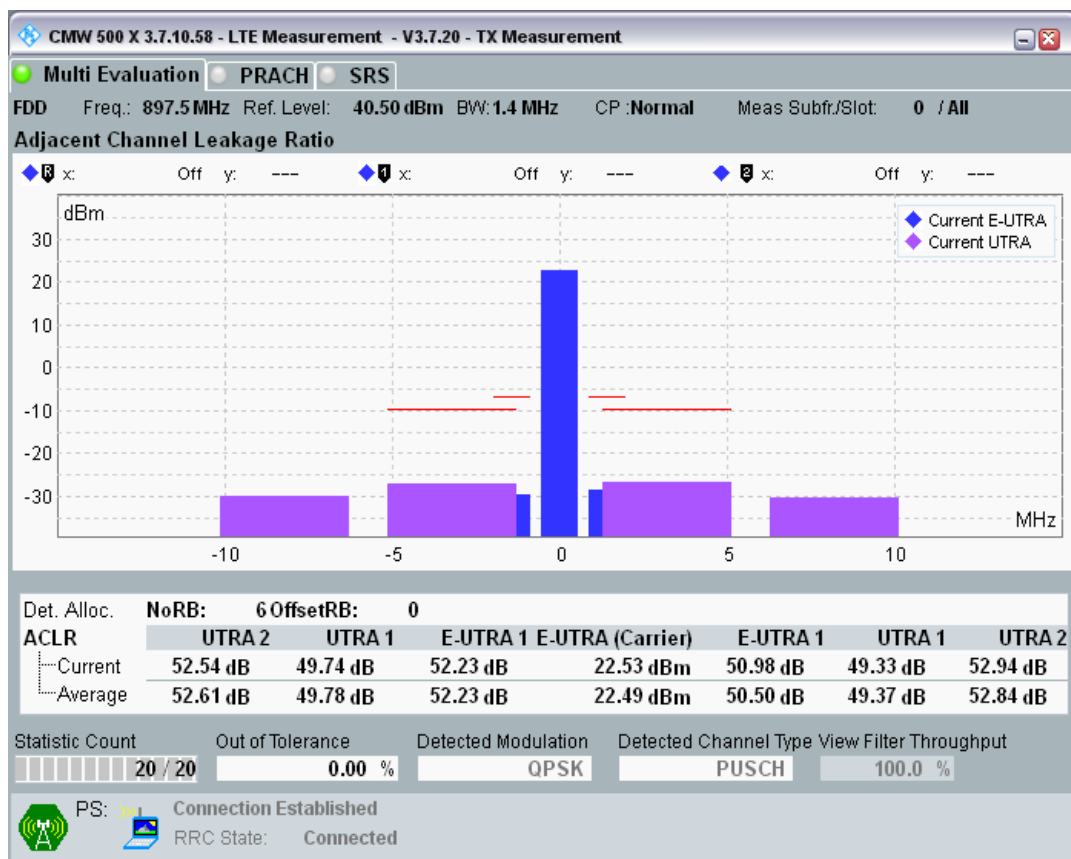
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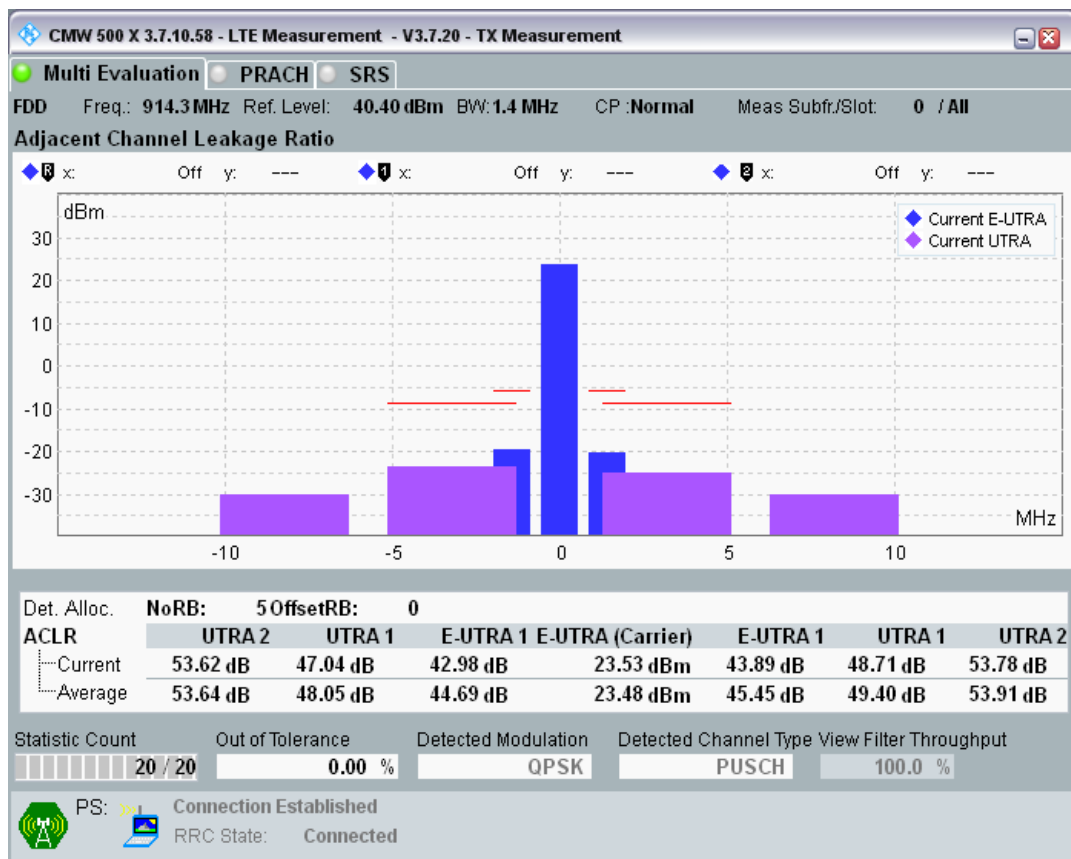
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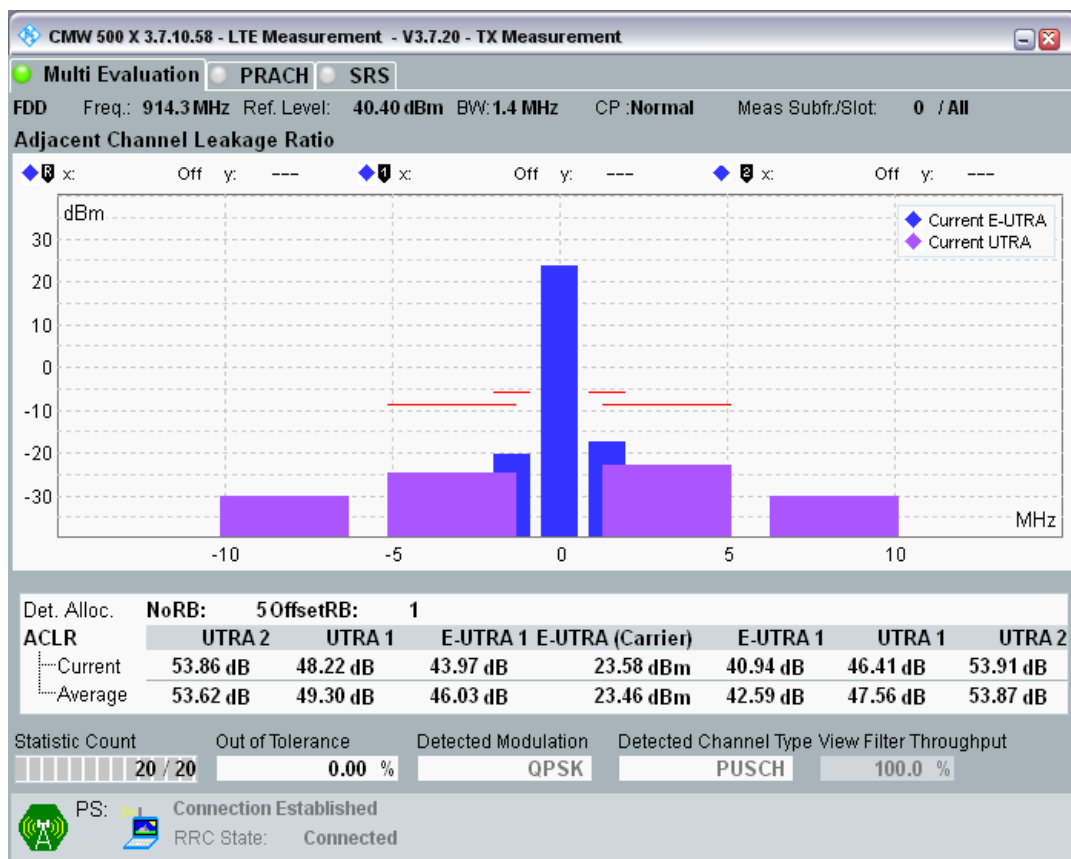
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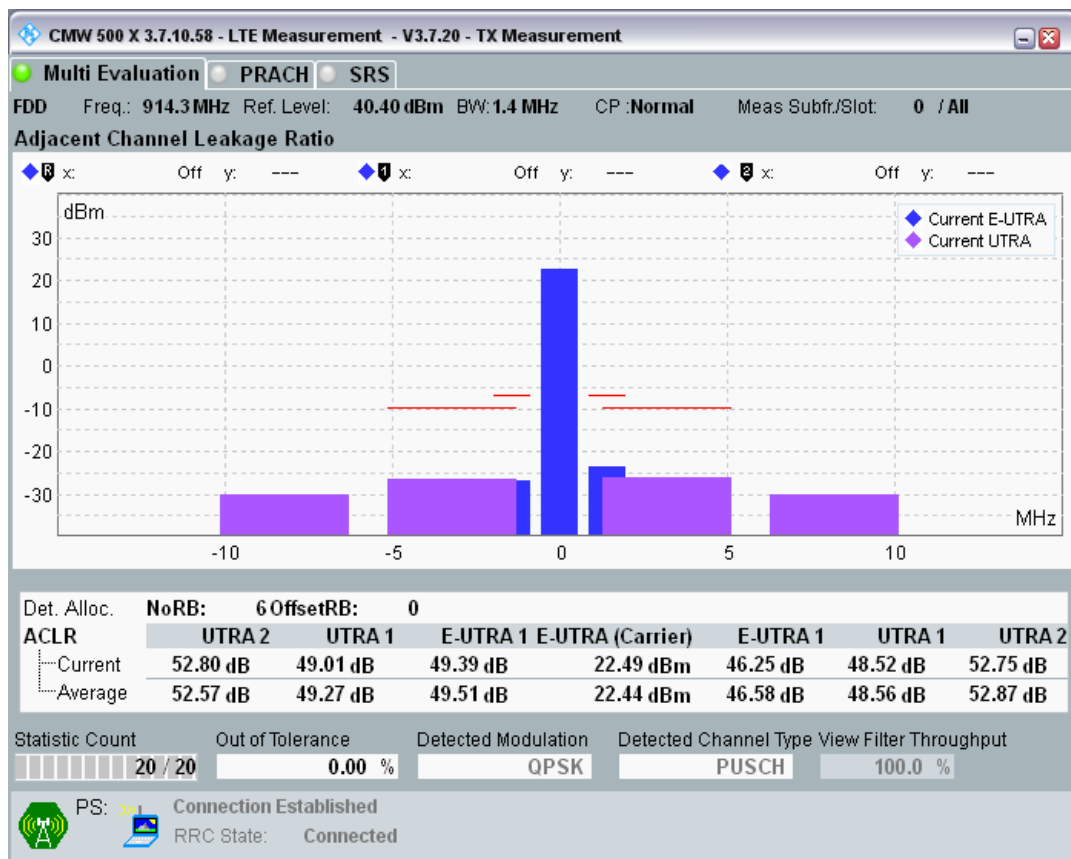
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



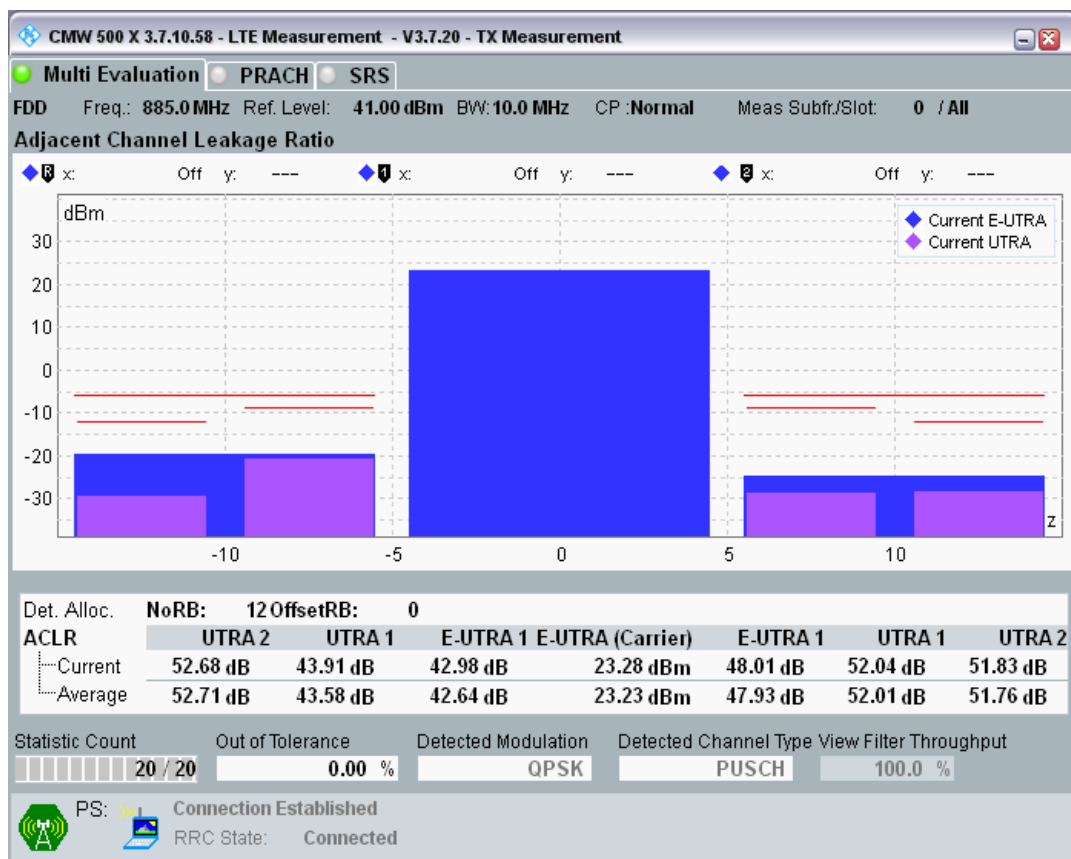
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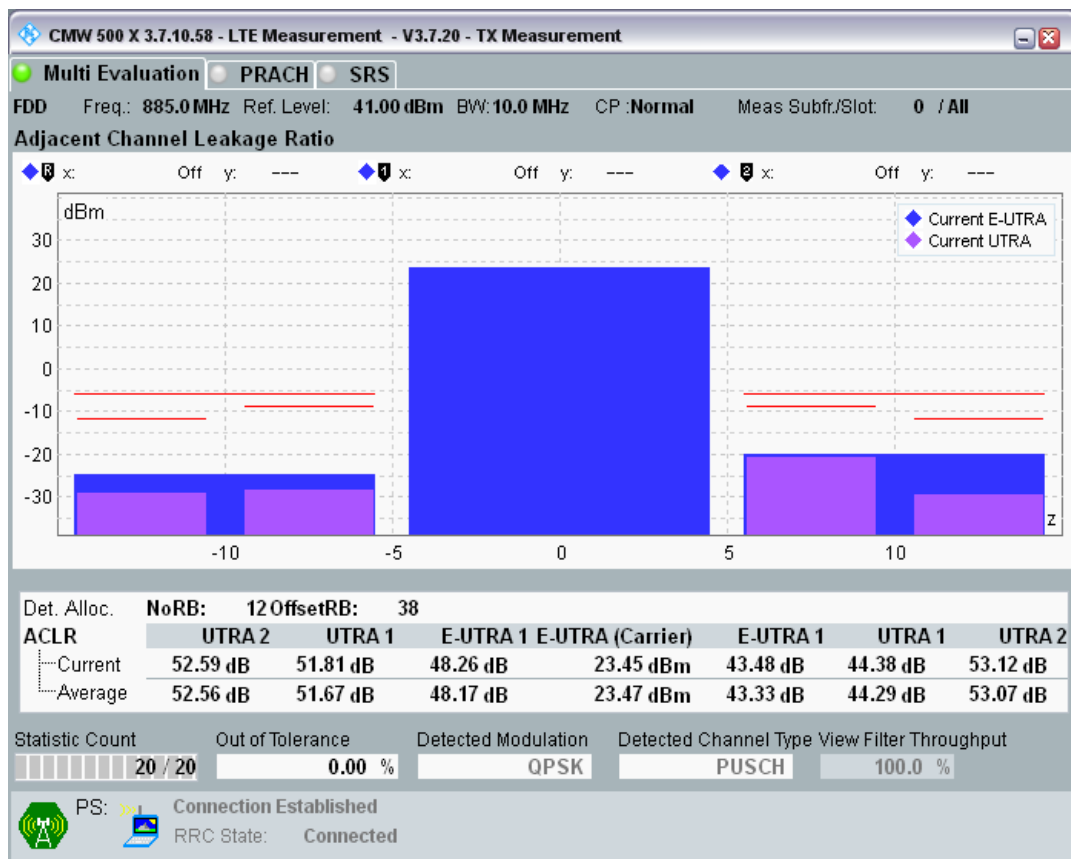
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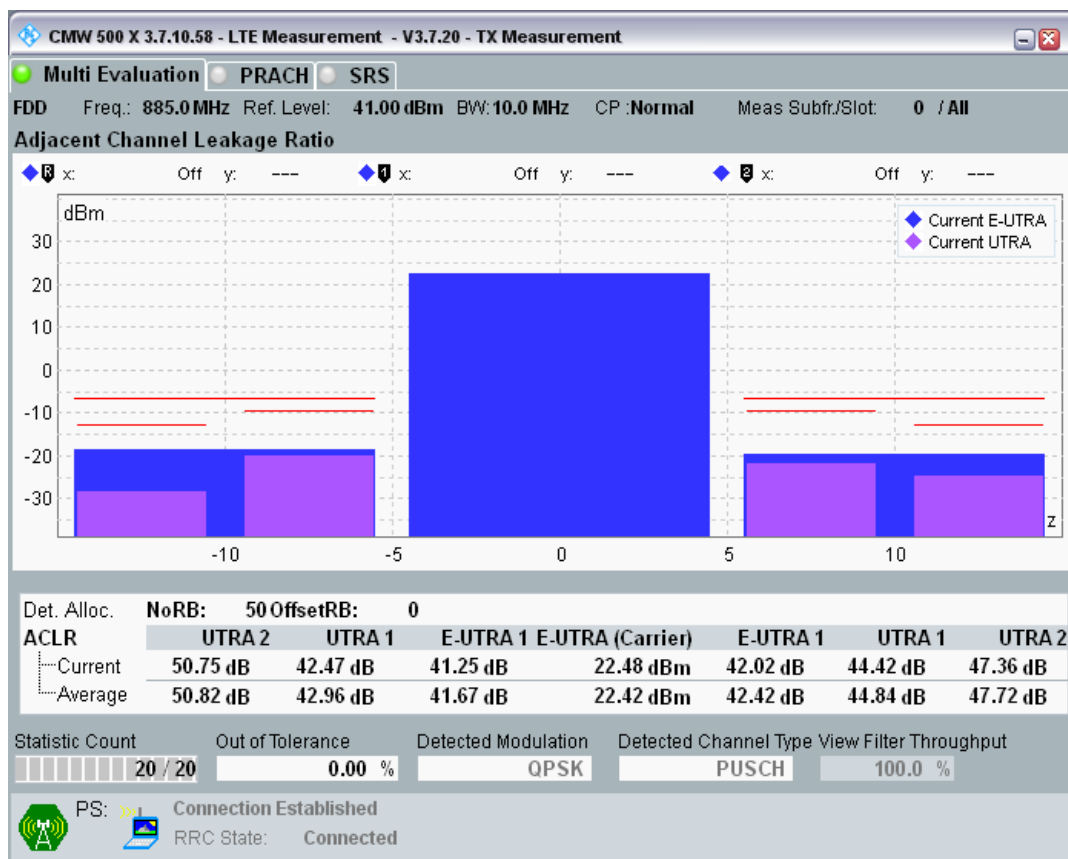
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Band8 QPSK BW=10MHz Channel=21500 RB Size=12 Position=#Max.png



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



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



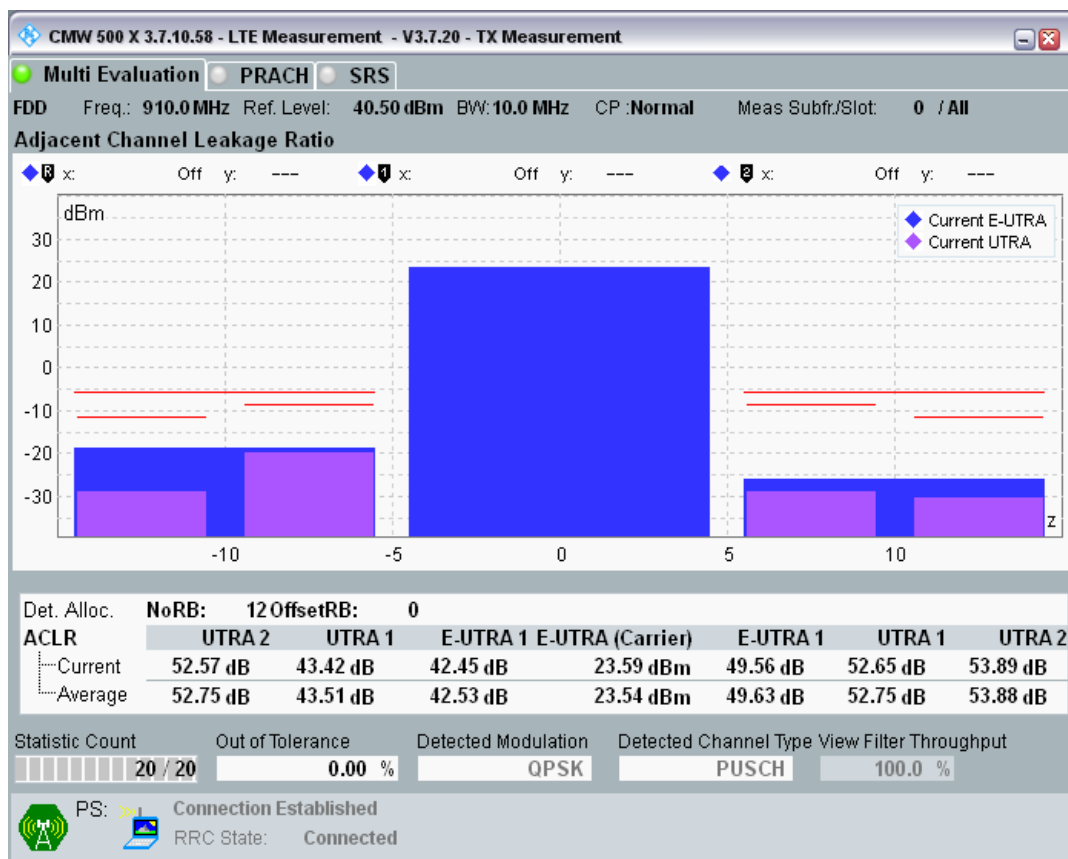
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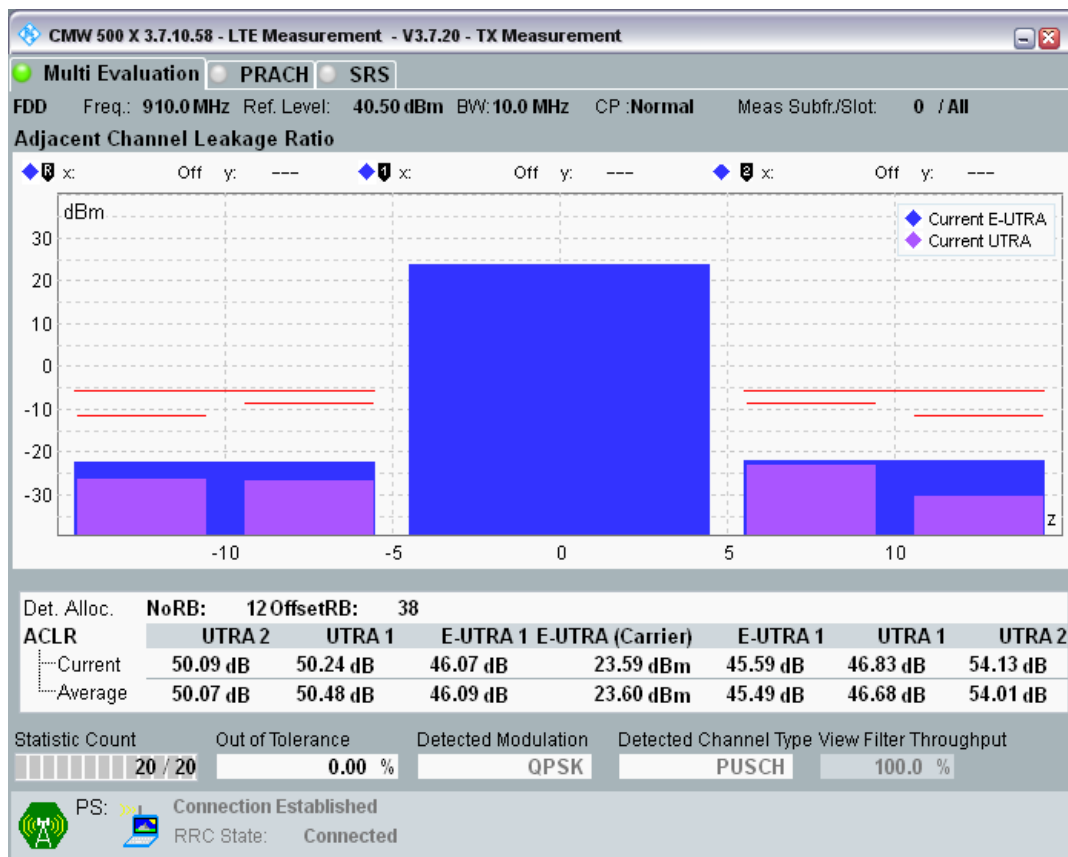
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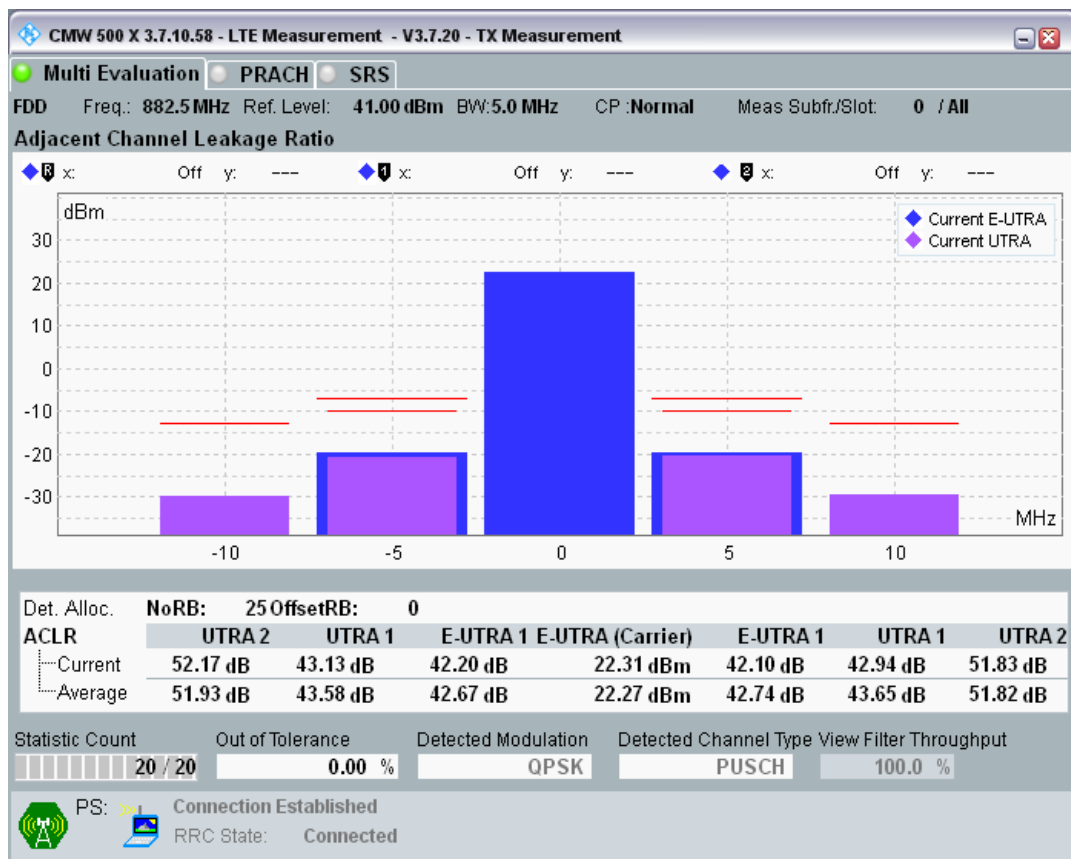
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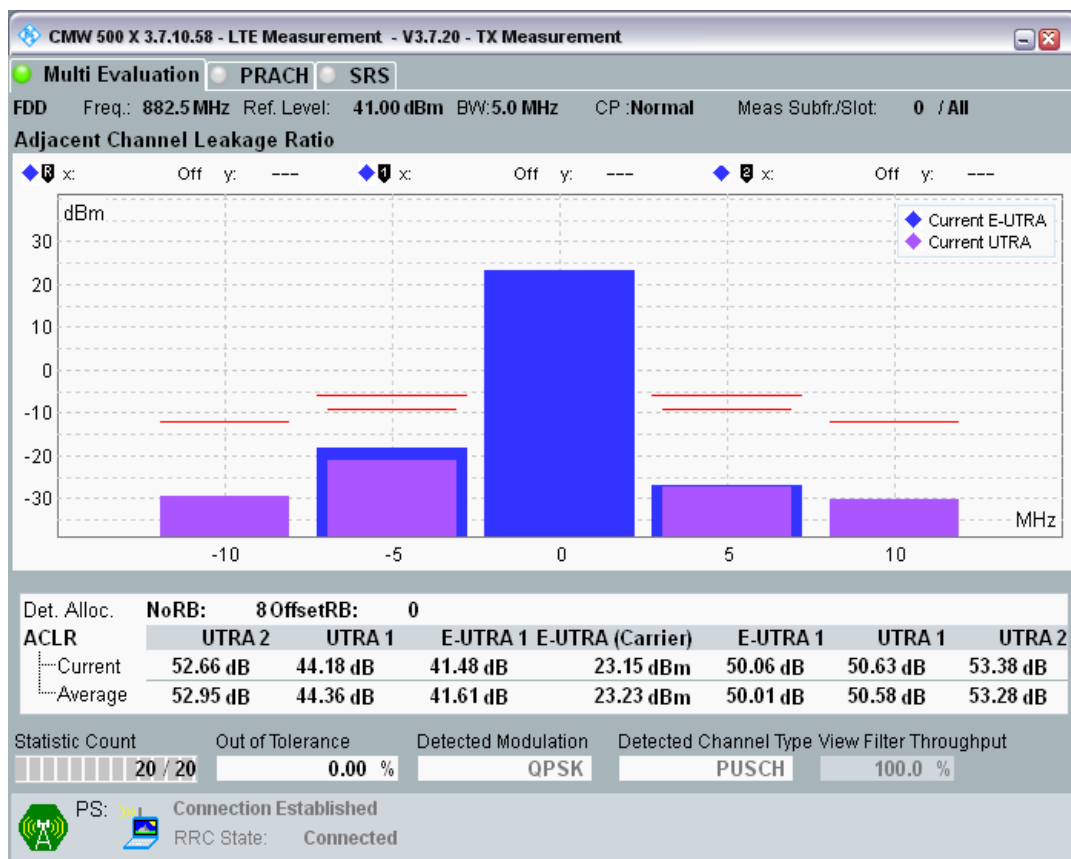
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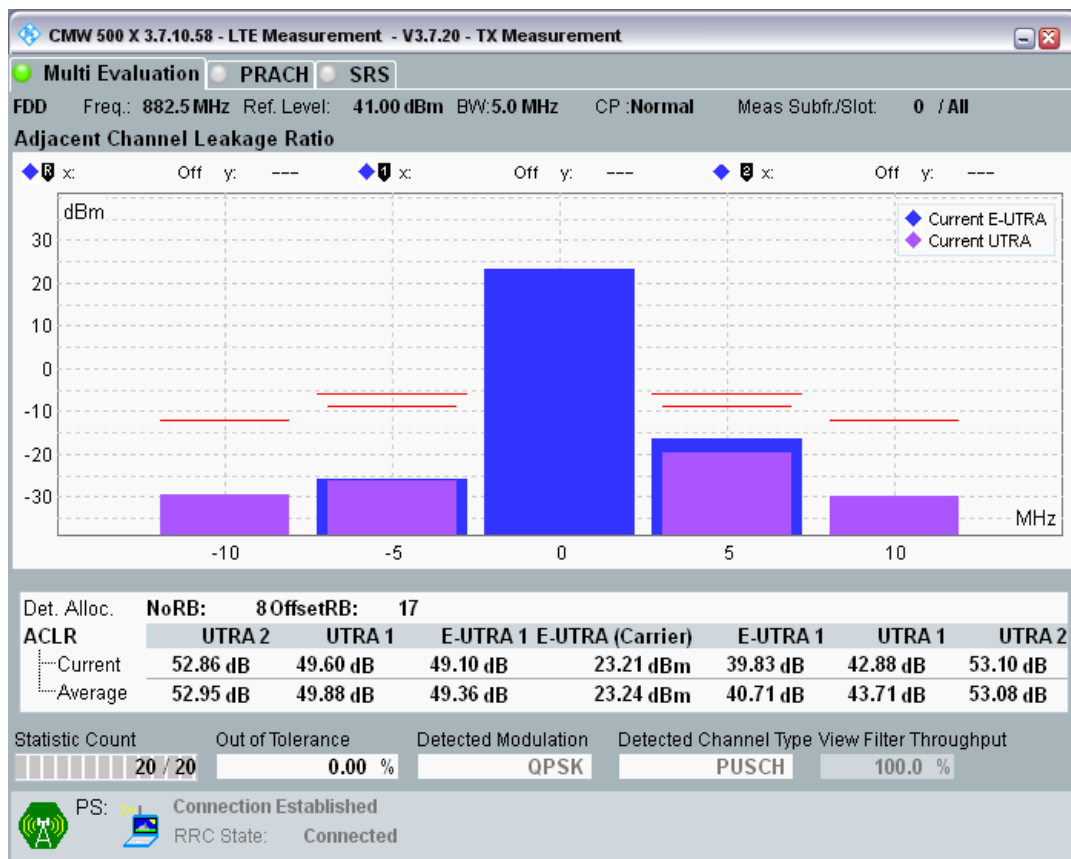
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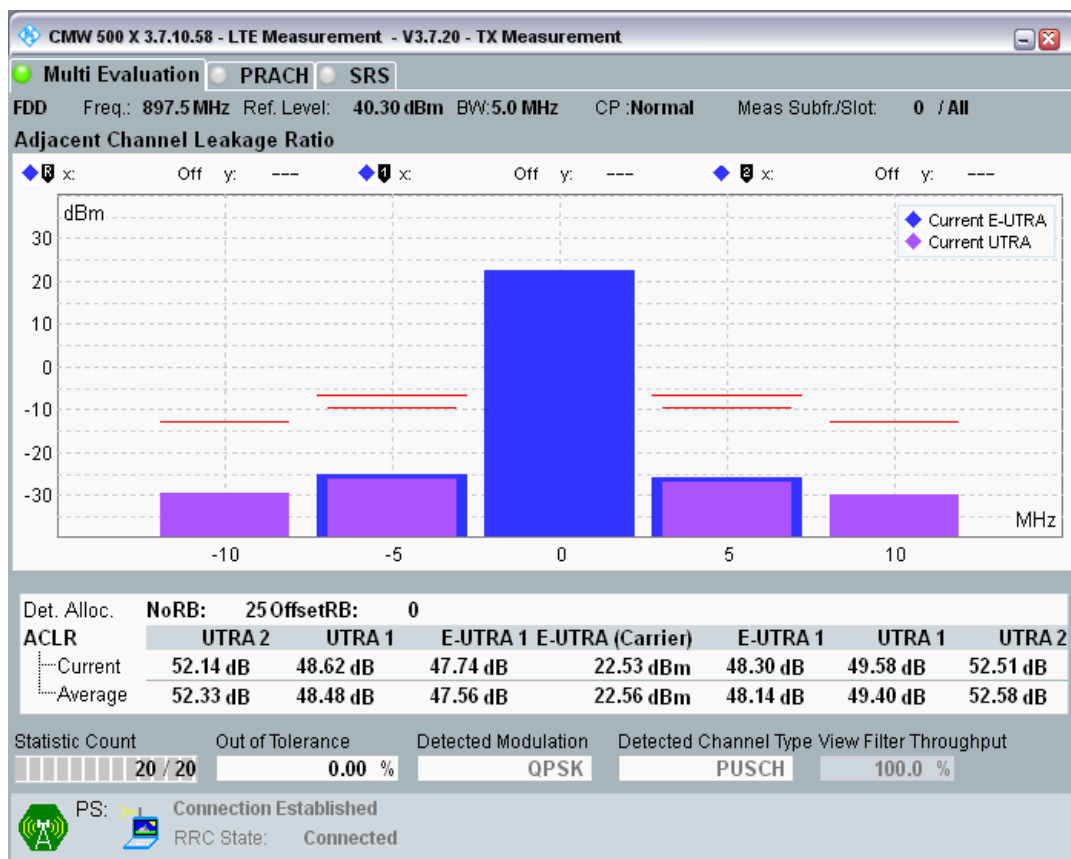
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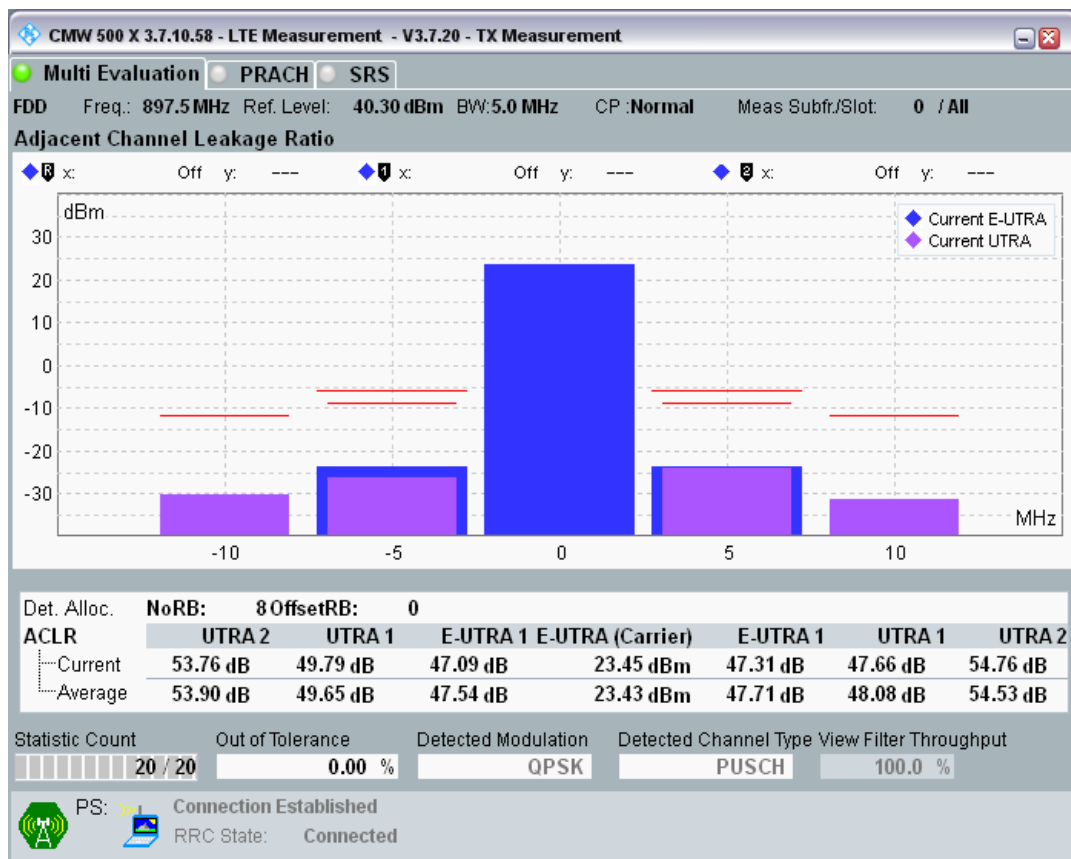
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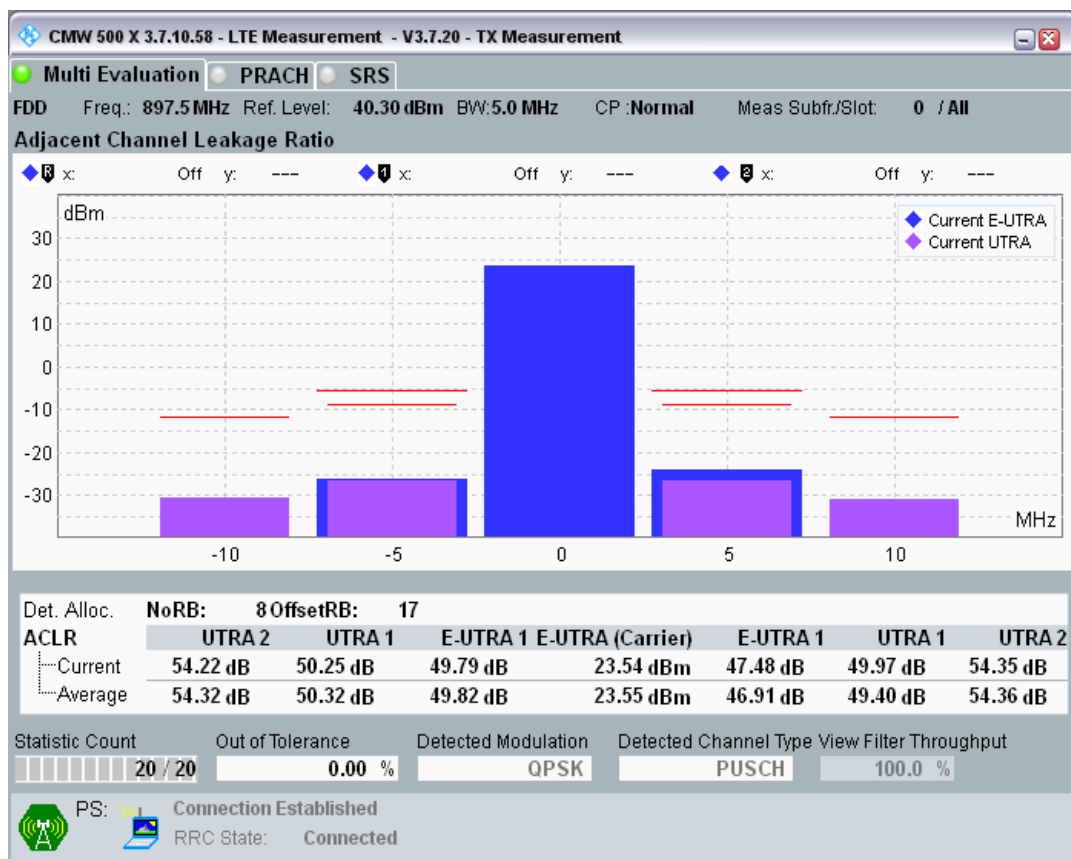
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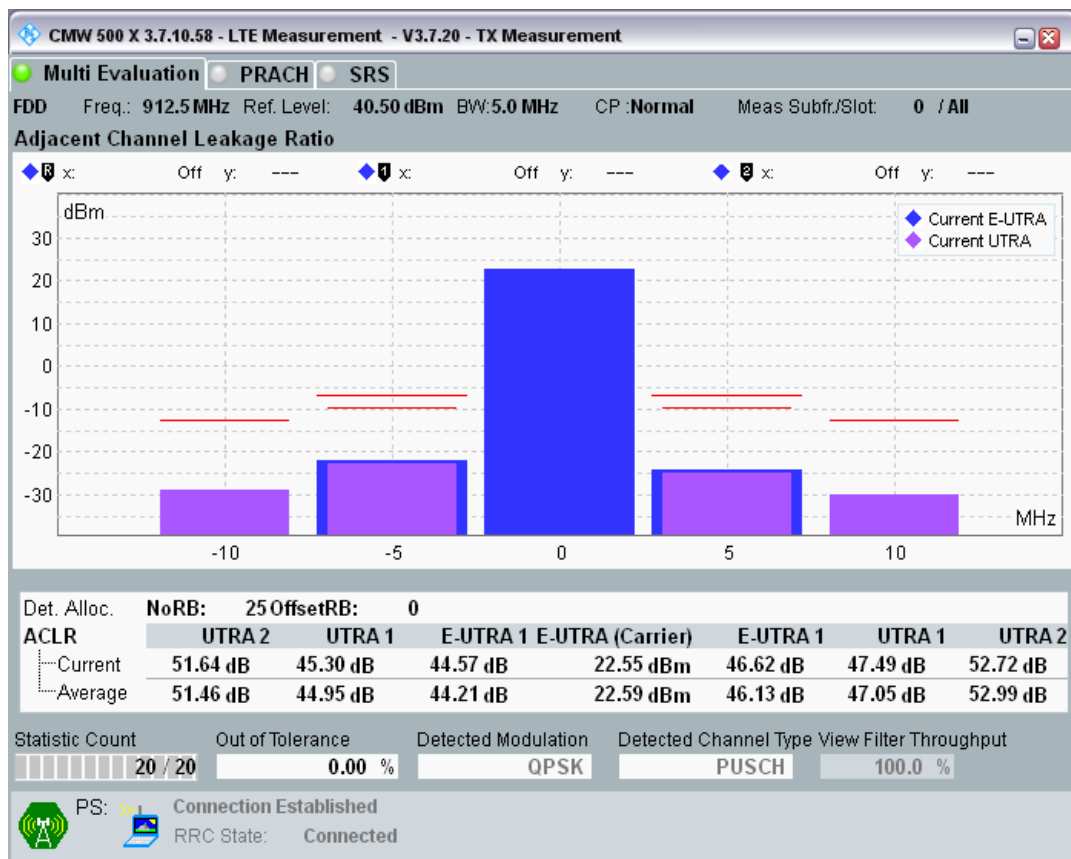
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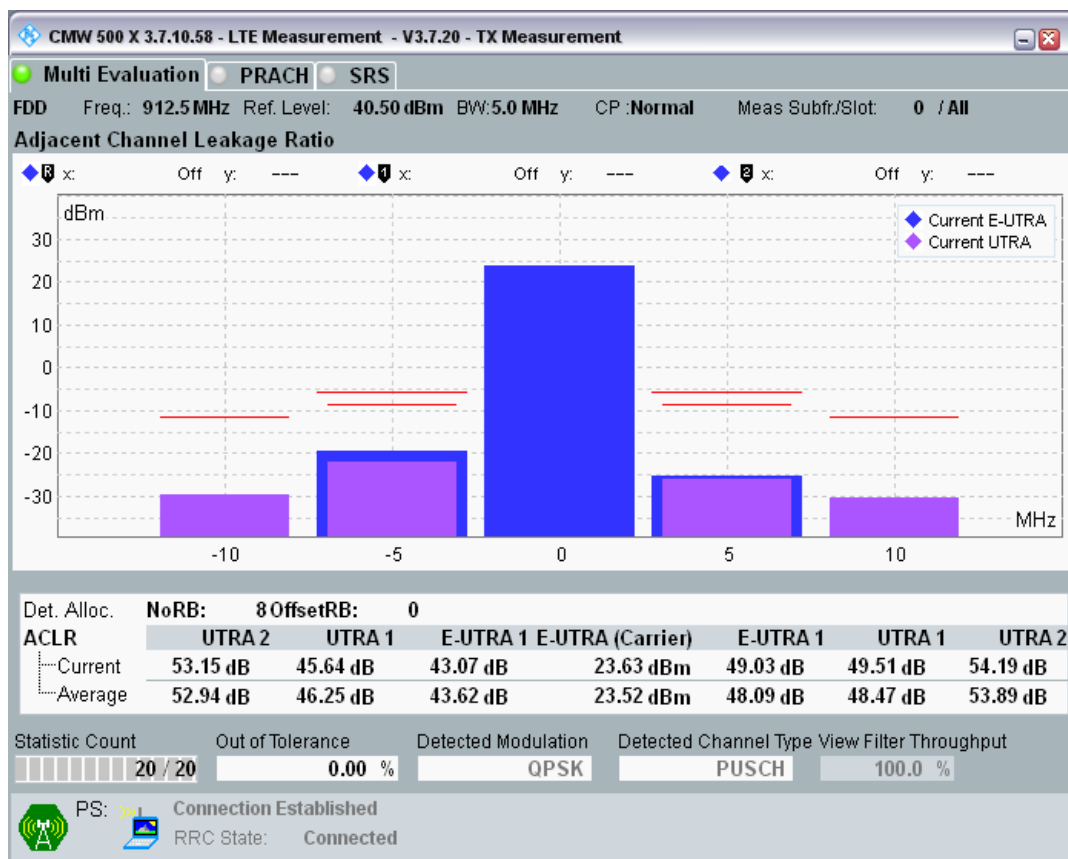
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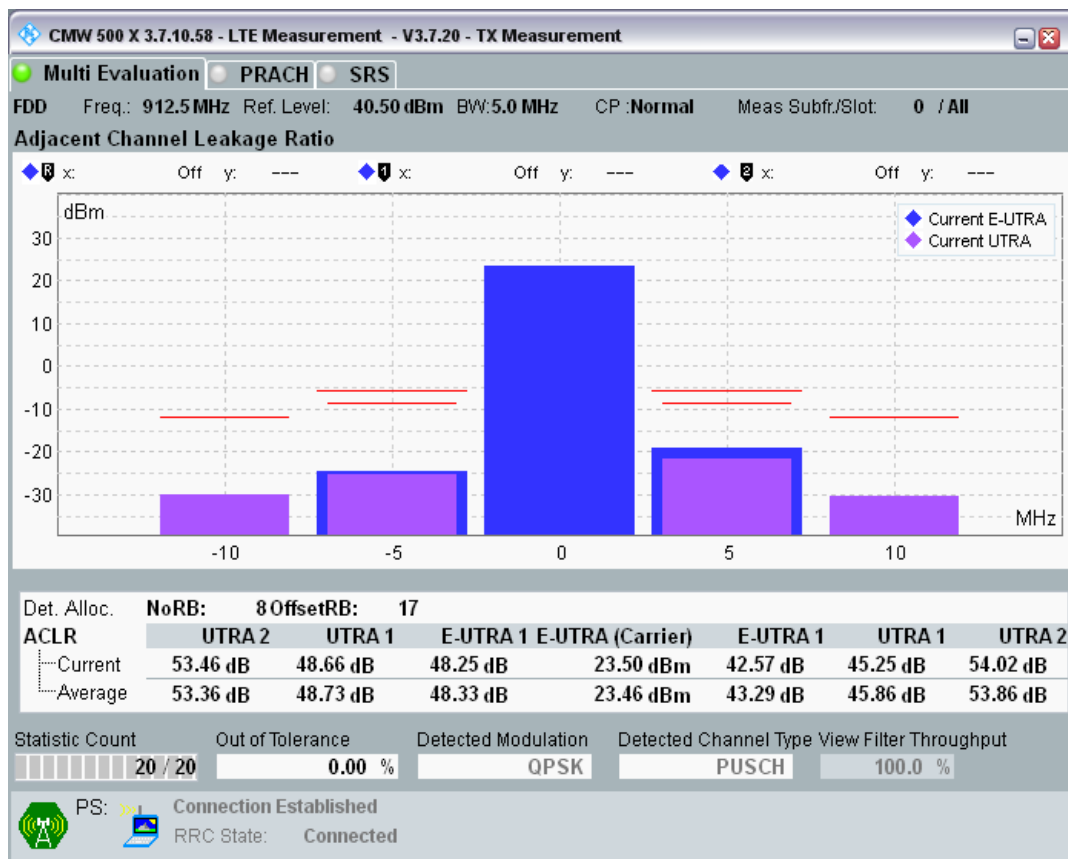
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Band8 QPSK BW=5MHz Channel=21775 RB Size=8 Position=#0.png



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



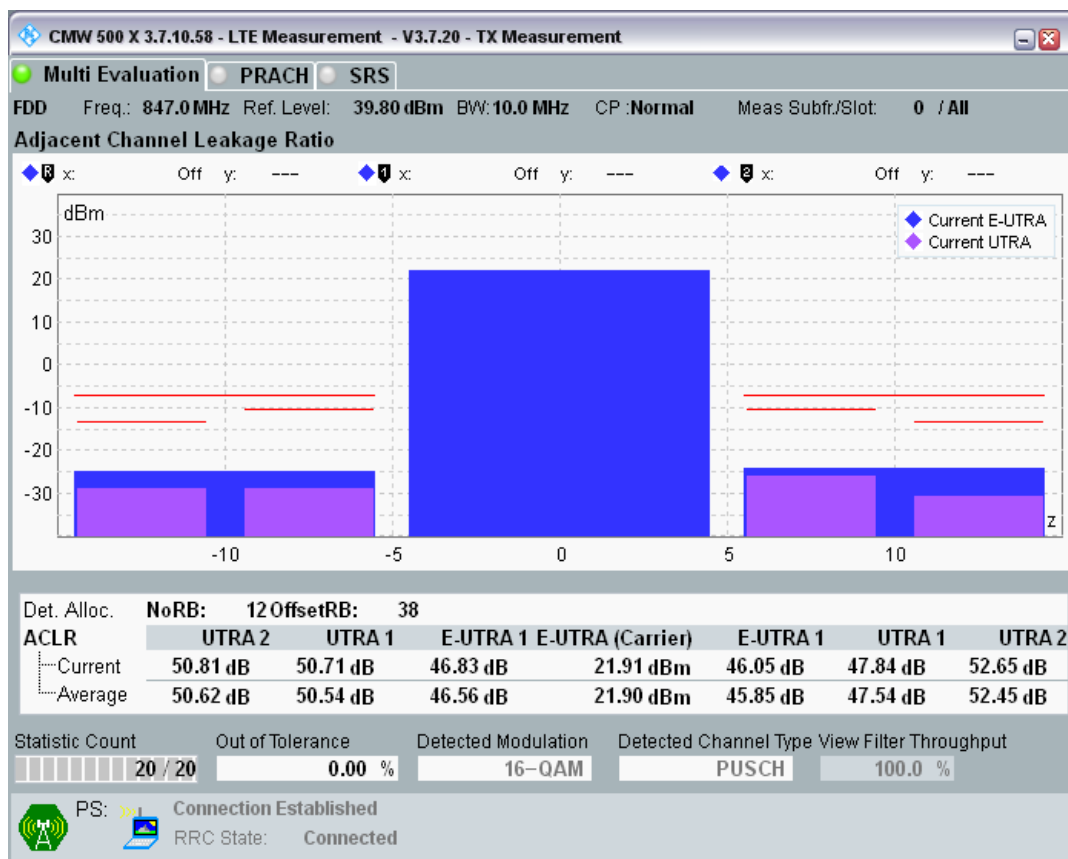
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Band20 QAM16 BW=10MHz Channel=24300 RB Size=12 Position=#0.png



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



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



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



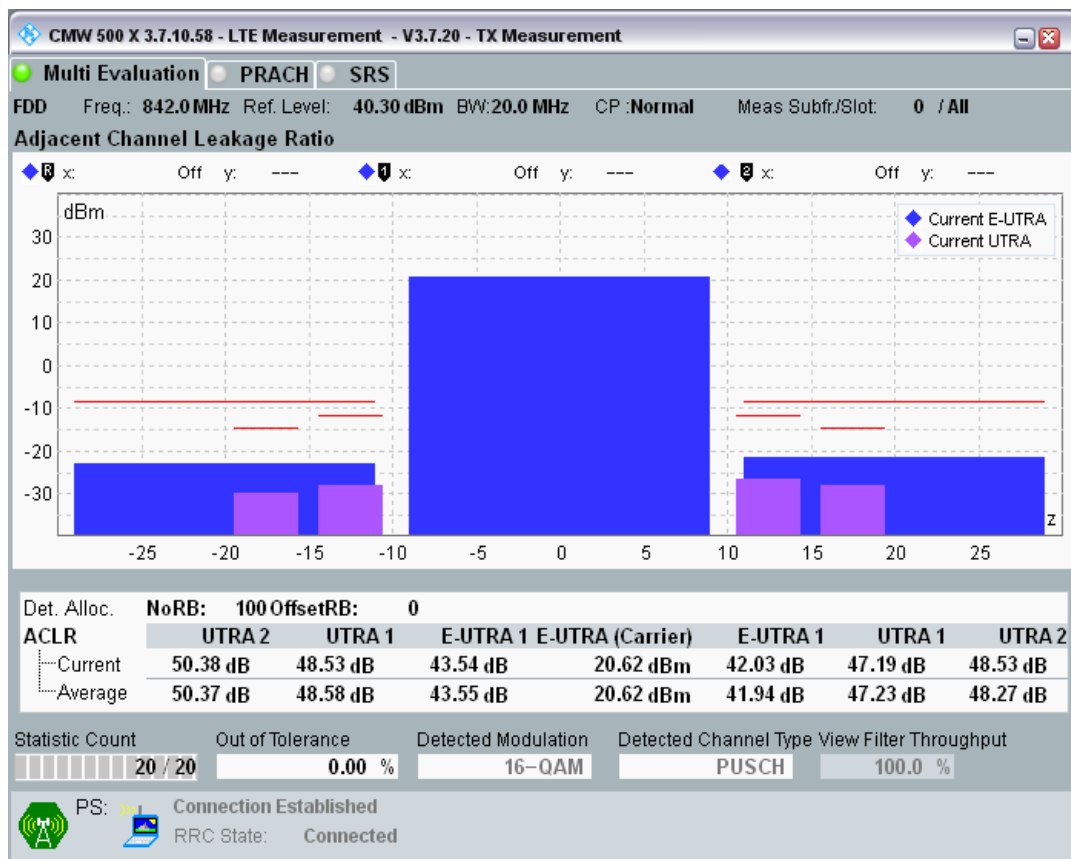
Band20 QAM16 BW=10MHz Channel=24400 RB Size=12 Position=#Max.png



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



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



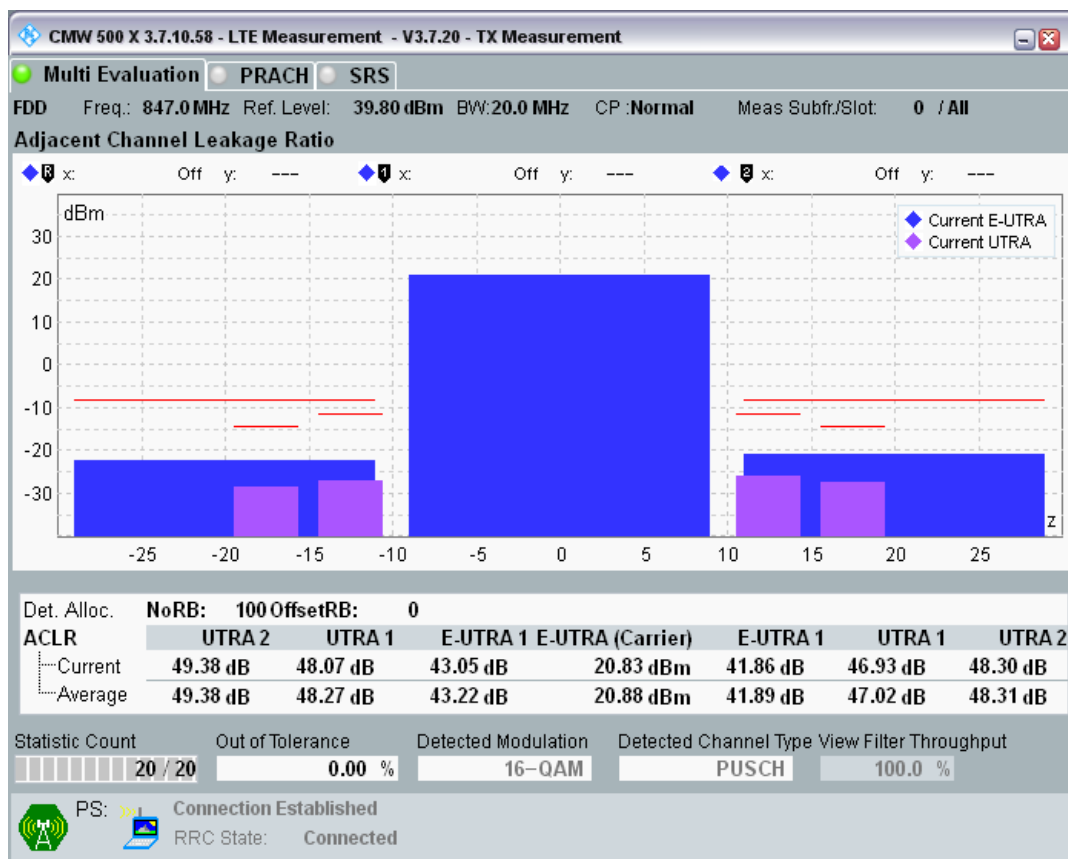
Band20 QAM16 BW=20MHz Channel=24250 RB Size=18 Position=#0.png



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



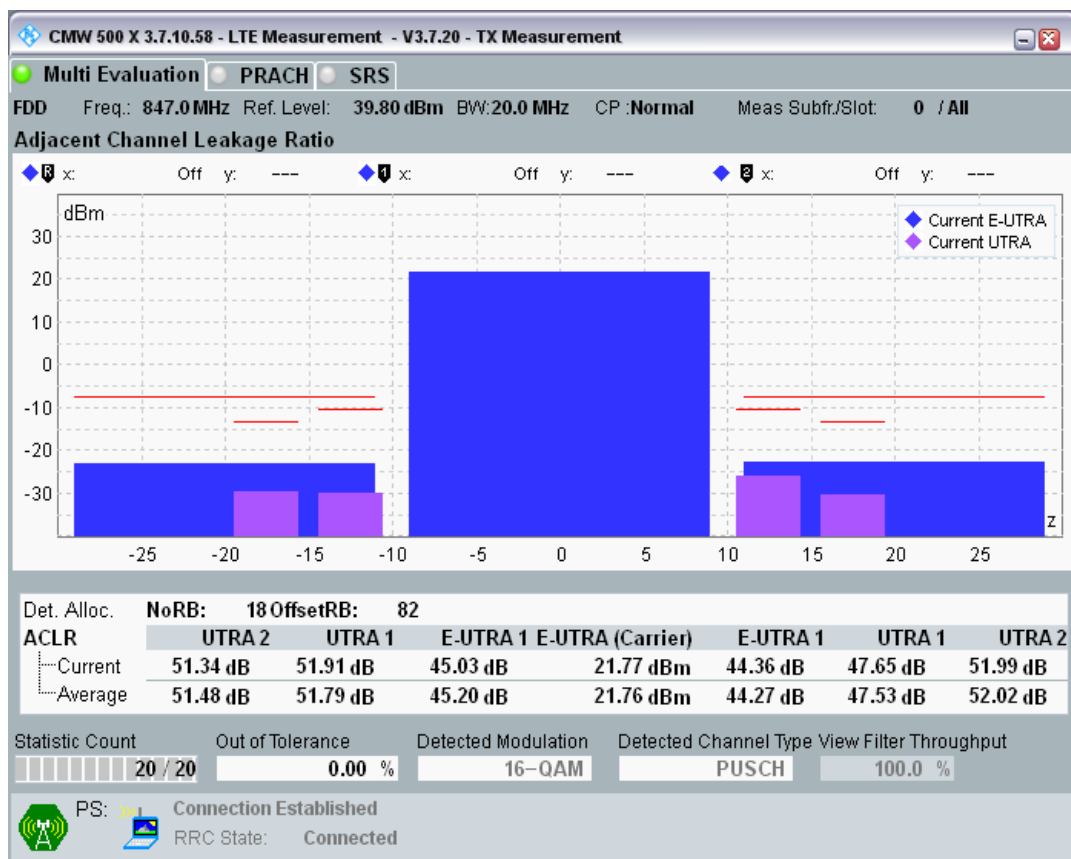
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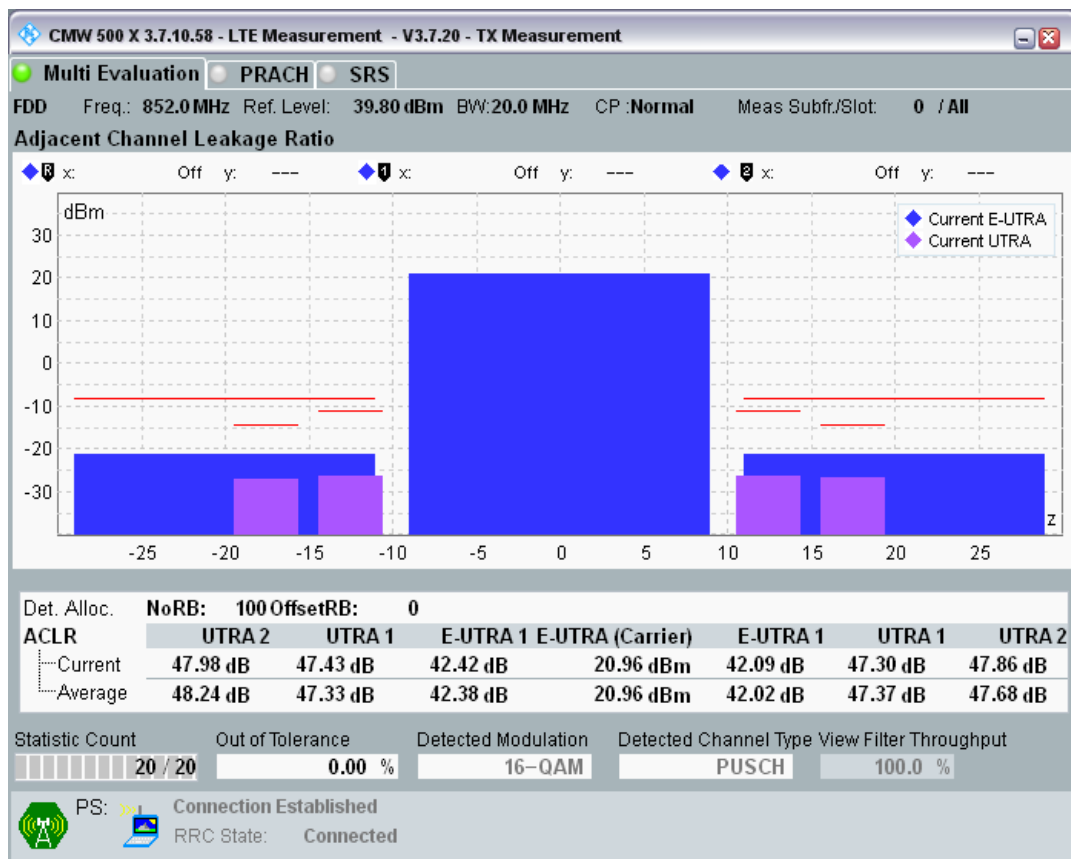
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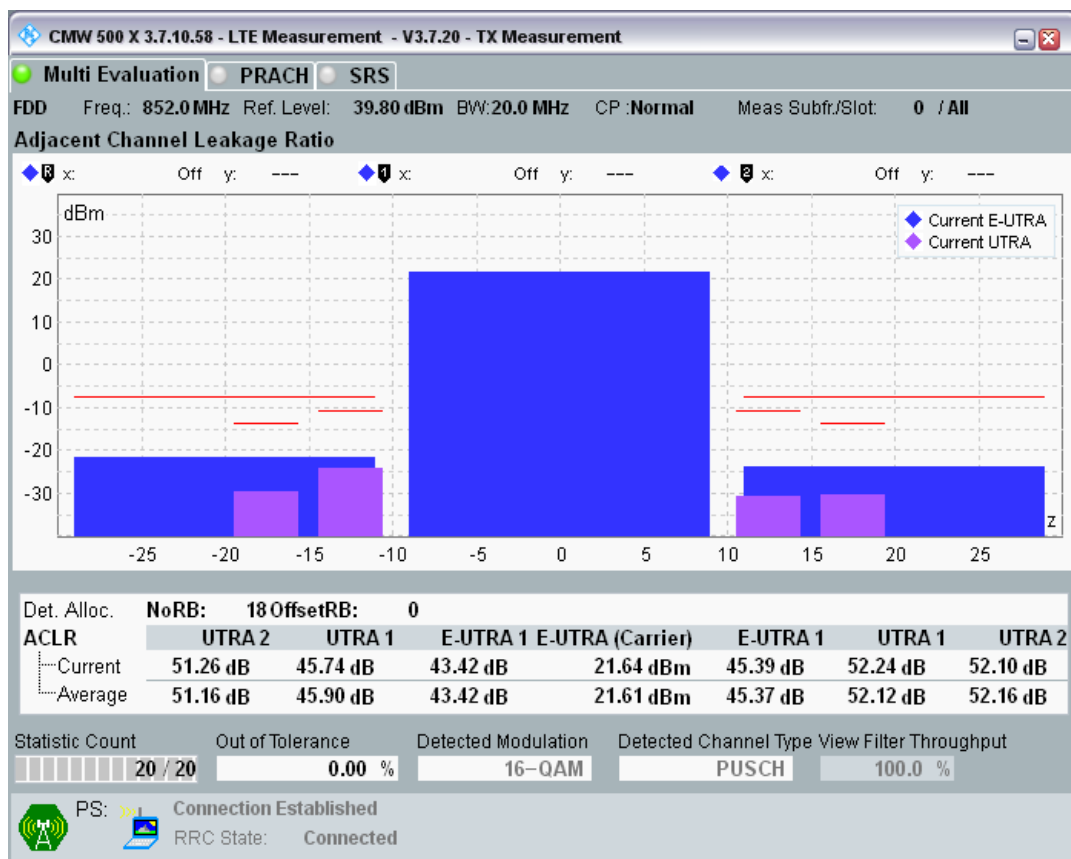
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Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



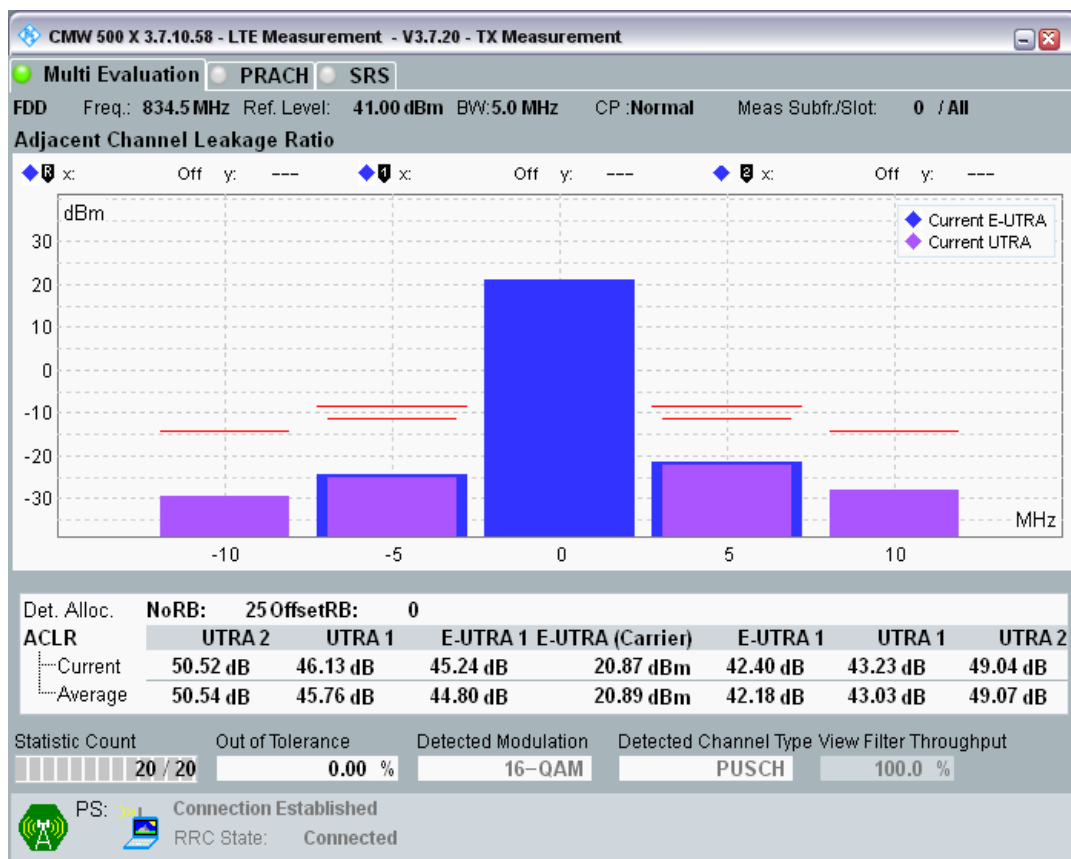
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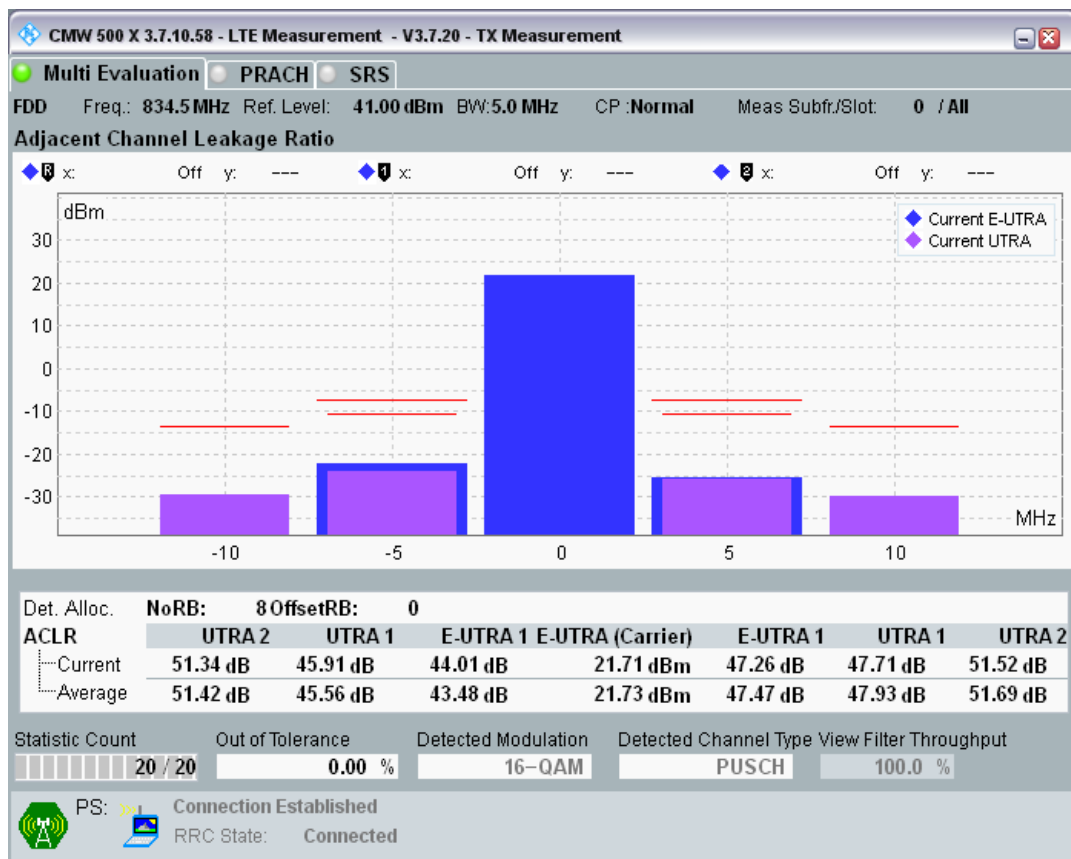
Band20 QAM16 BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



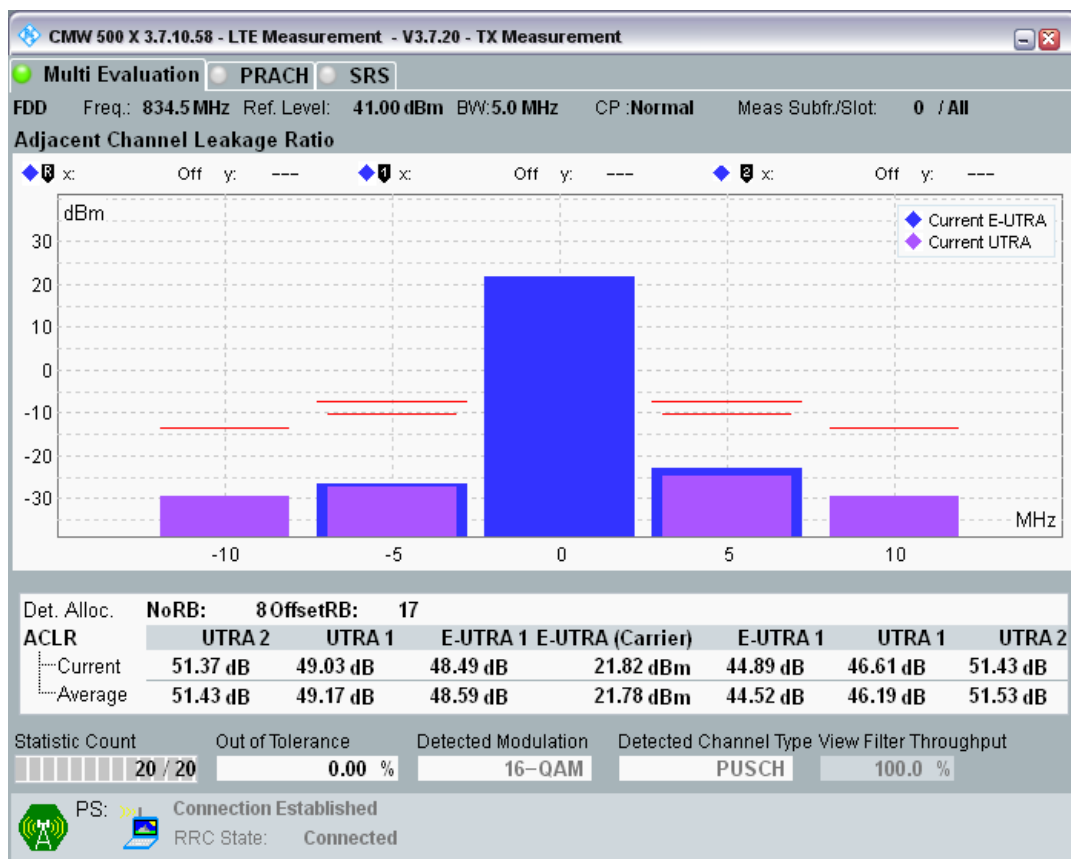
Band20 QAM16 BW=5MHz Channel=24175 RB Size=25 Position=#0.png



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



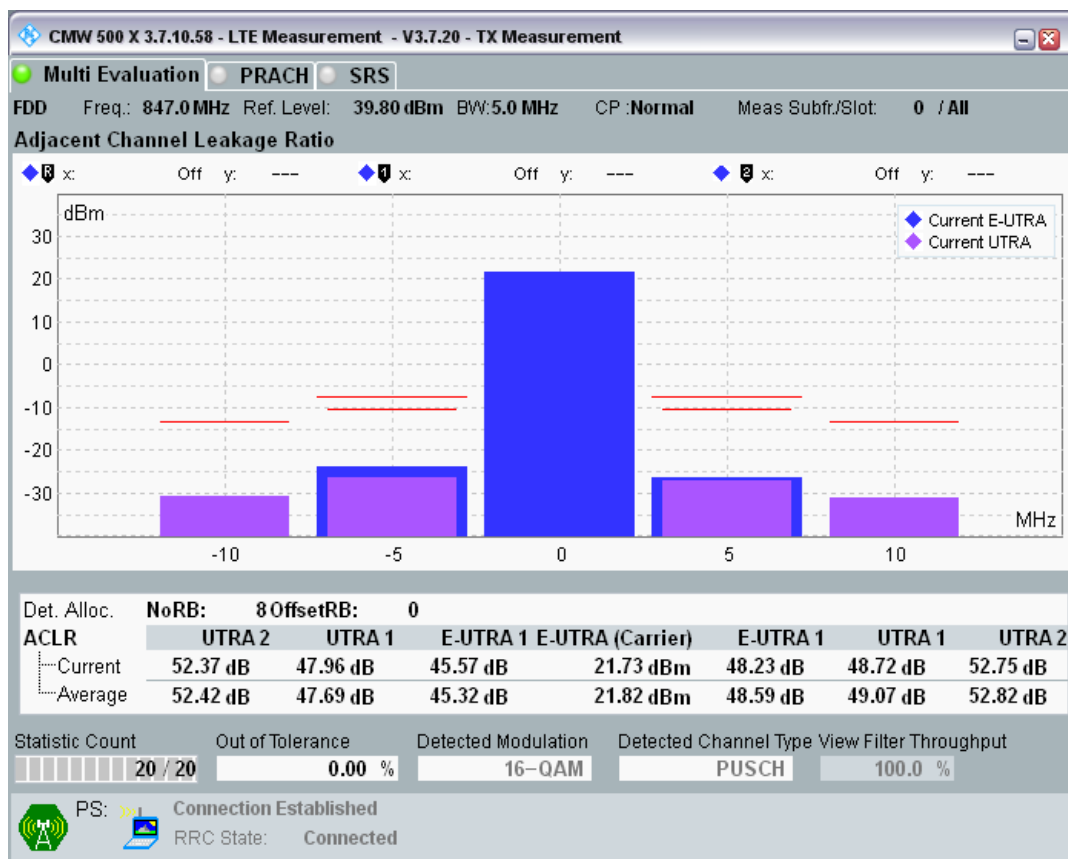
Band20 QAM16 BW=5MHz Channel=24175 RB Size=8 Position=#Max.png



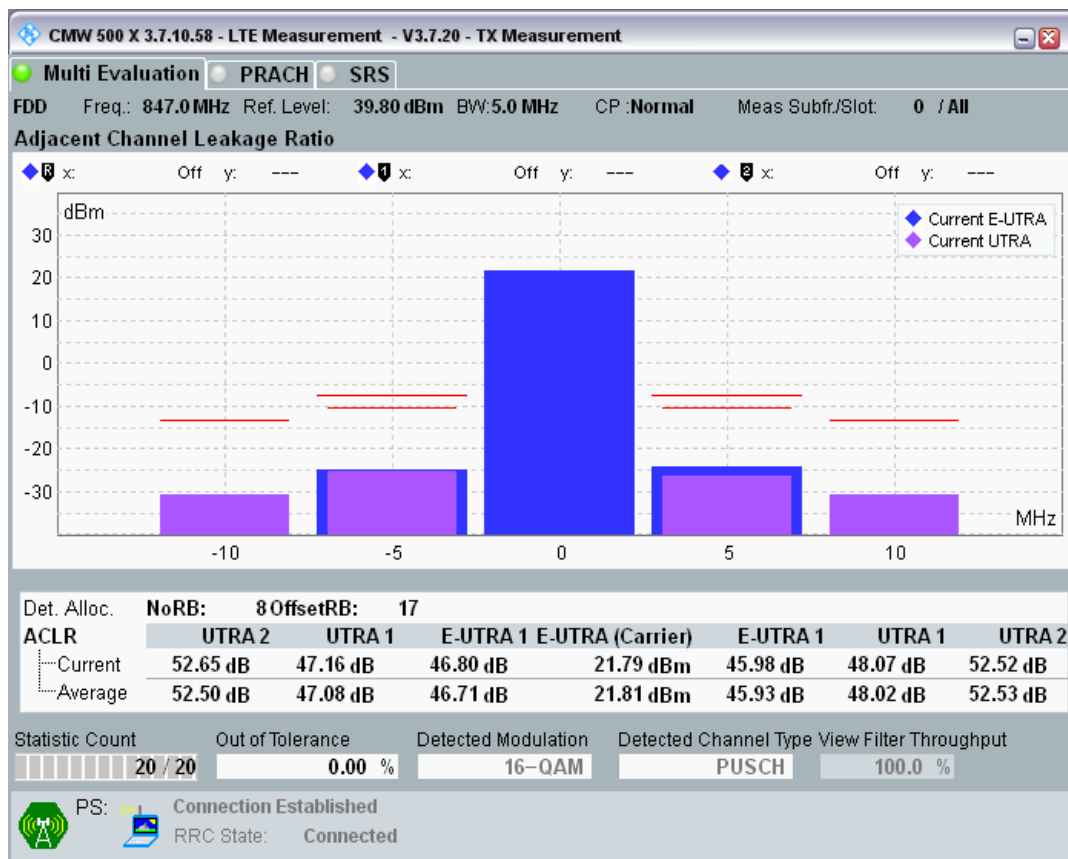
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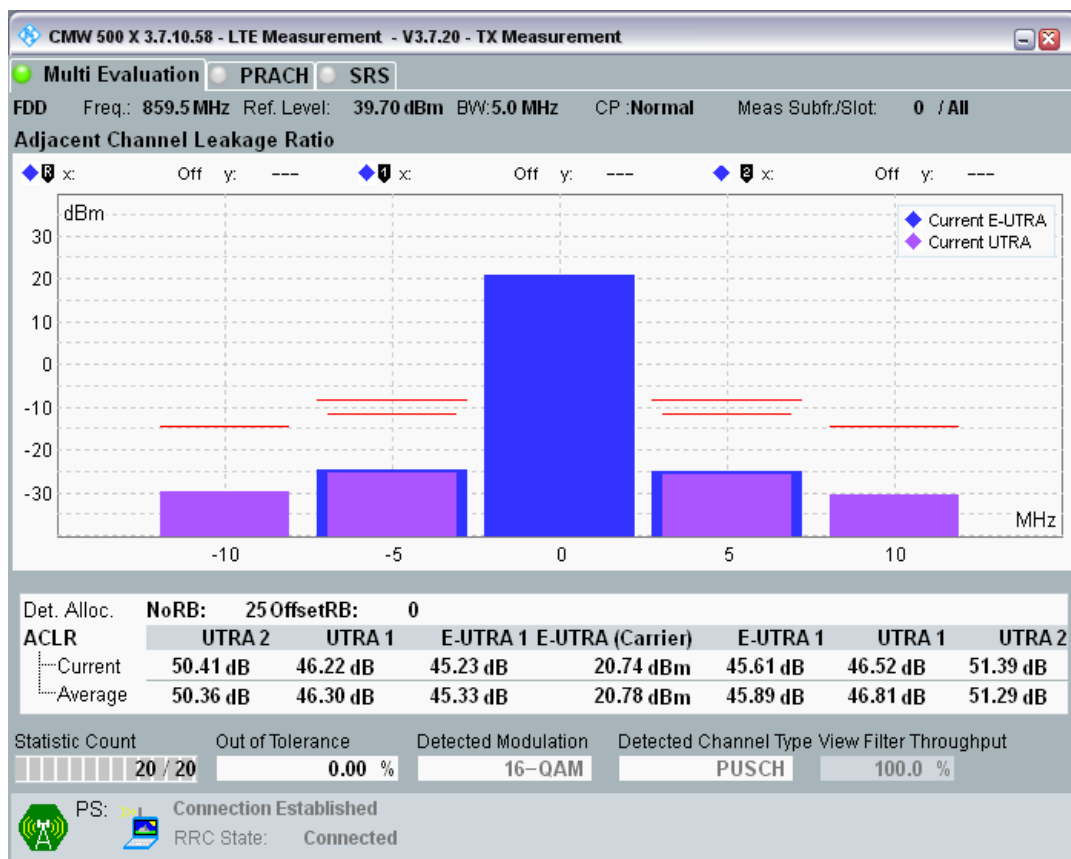
Band20 QAM16 BW=5MHz Channel=24300 RB Size=8 Position=#0.png



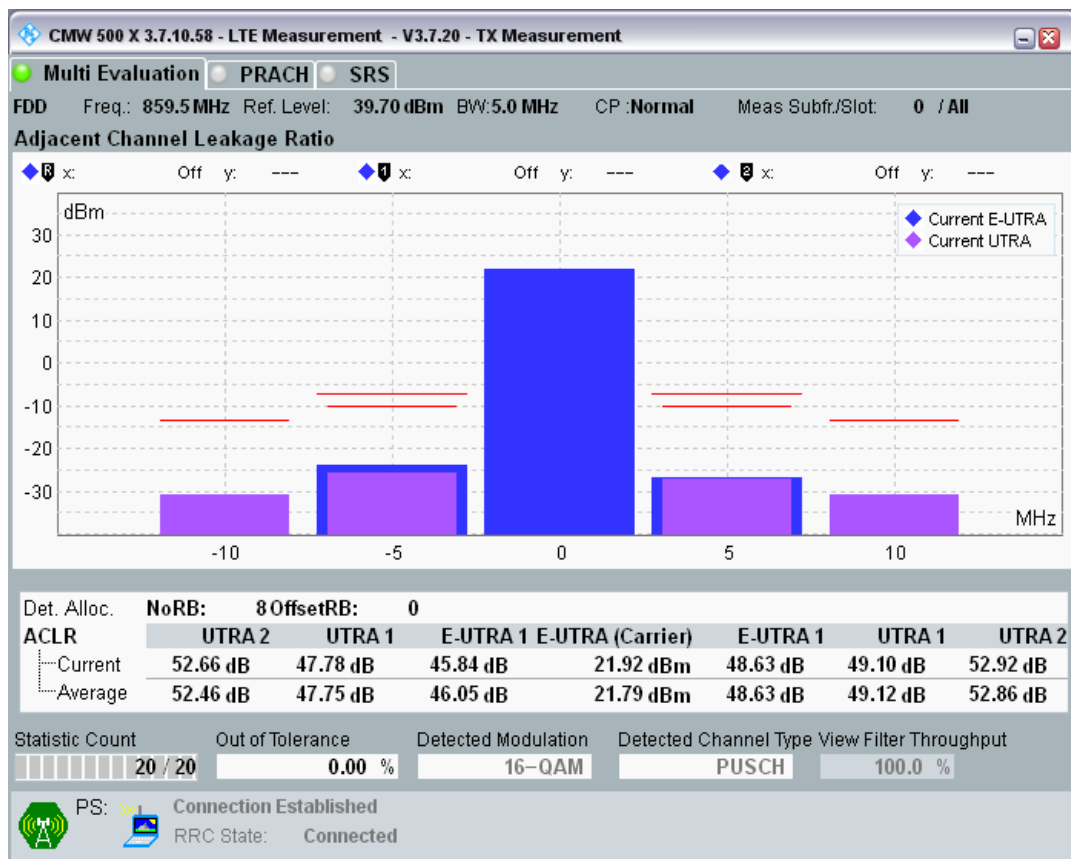
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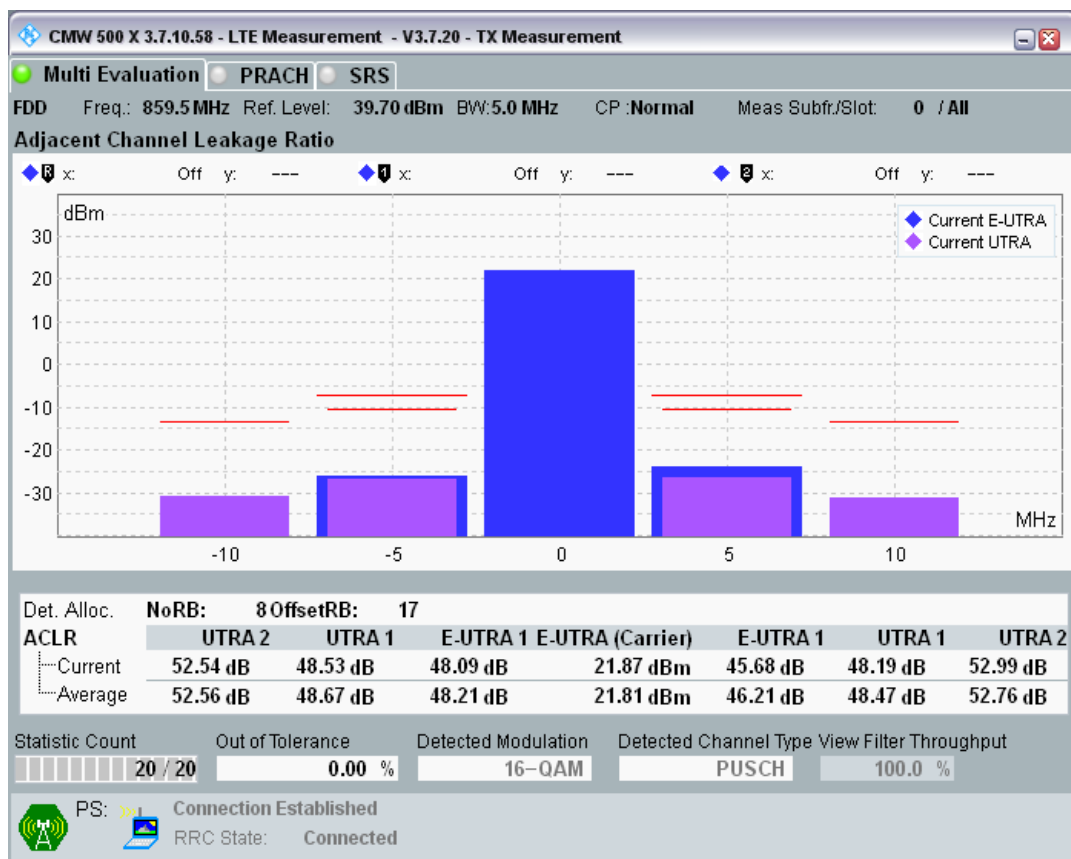
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Band20 QAM16 BW=5MHz Channel=24425 RB Size=8 Position=#0.png



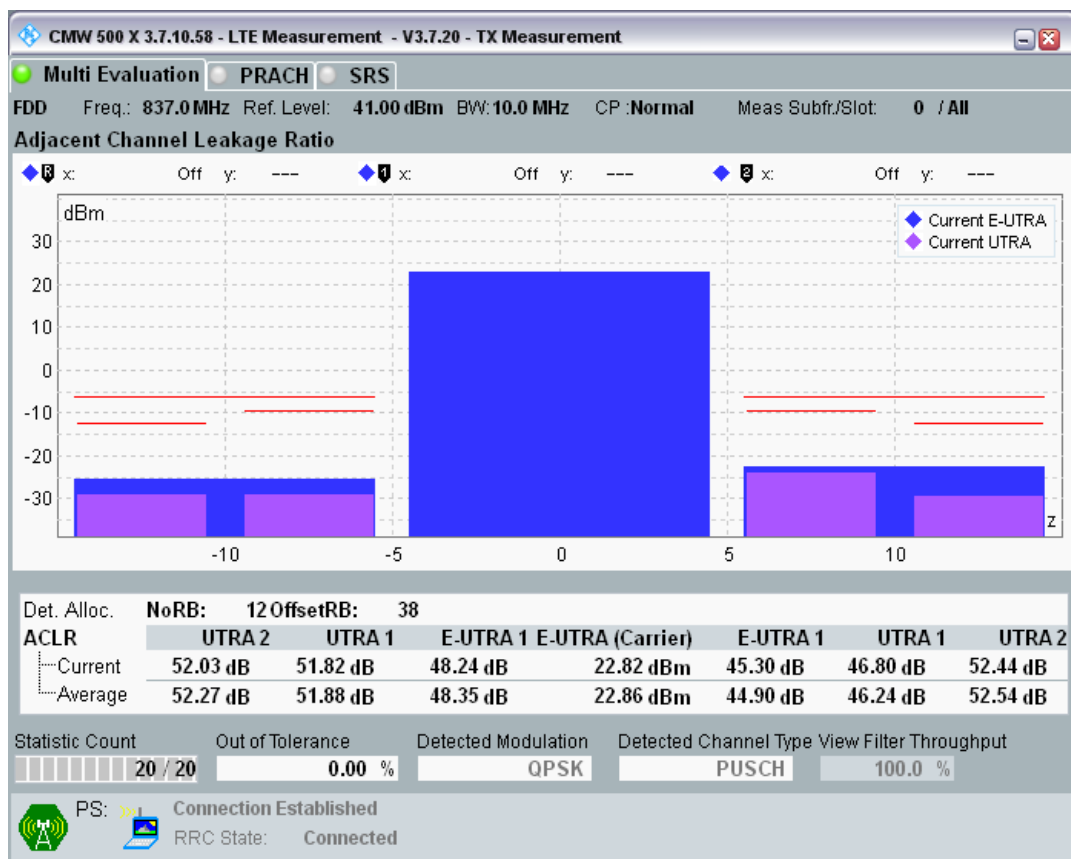
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Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



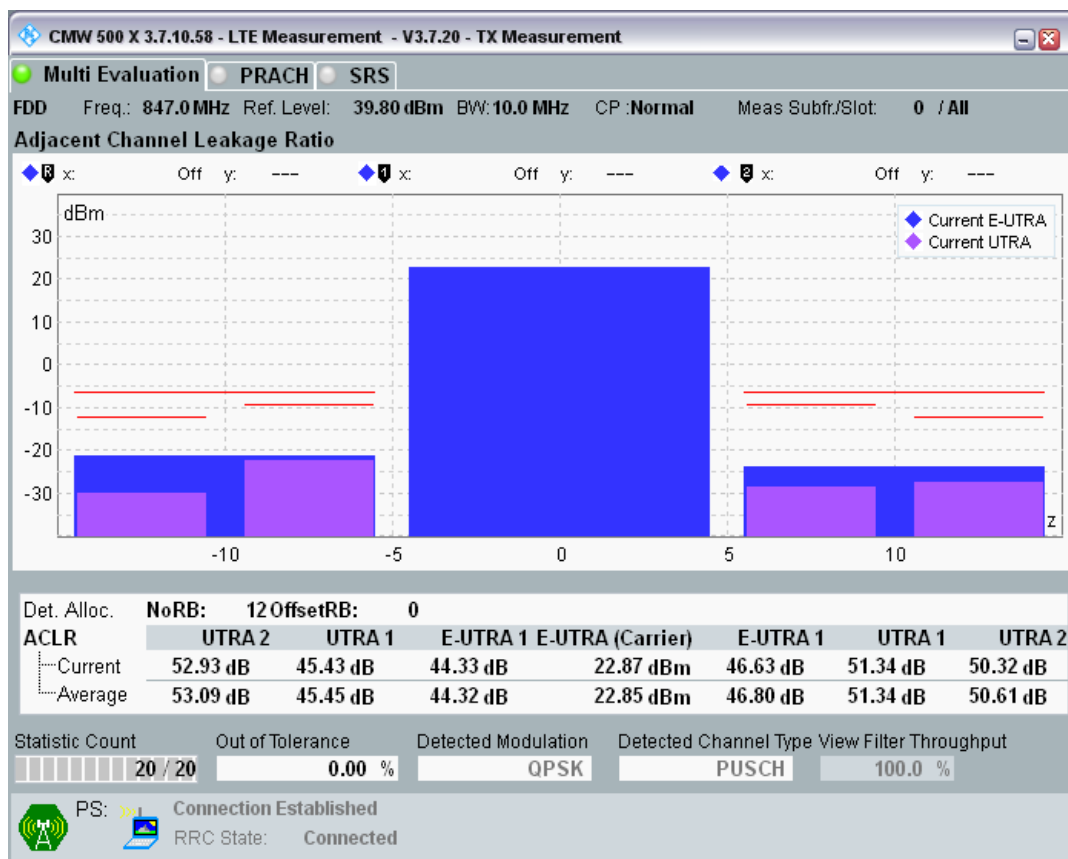
Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#Max.png



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



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



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



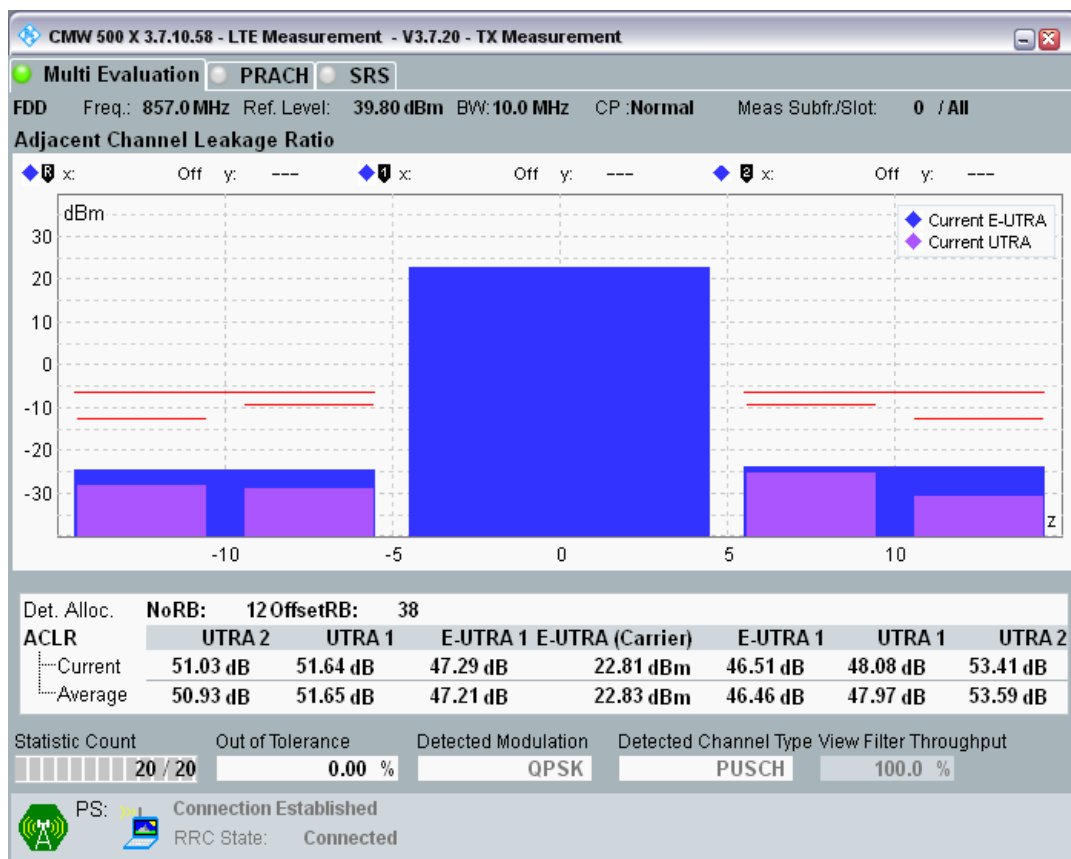
Band20 QPSK BW=10MHz Channel=24300 RB Size=50 Position=#0.png



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



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



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



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



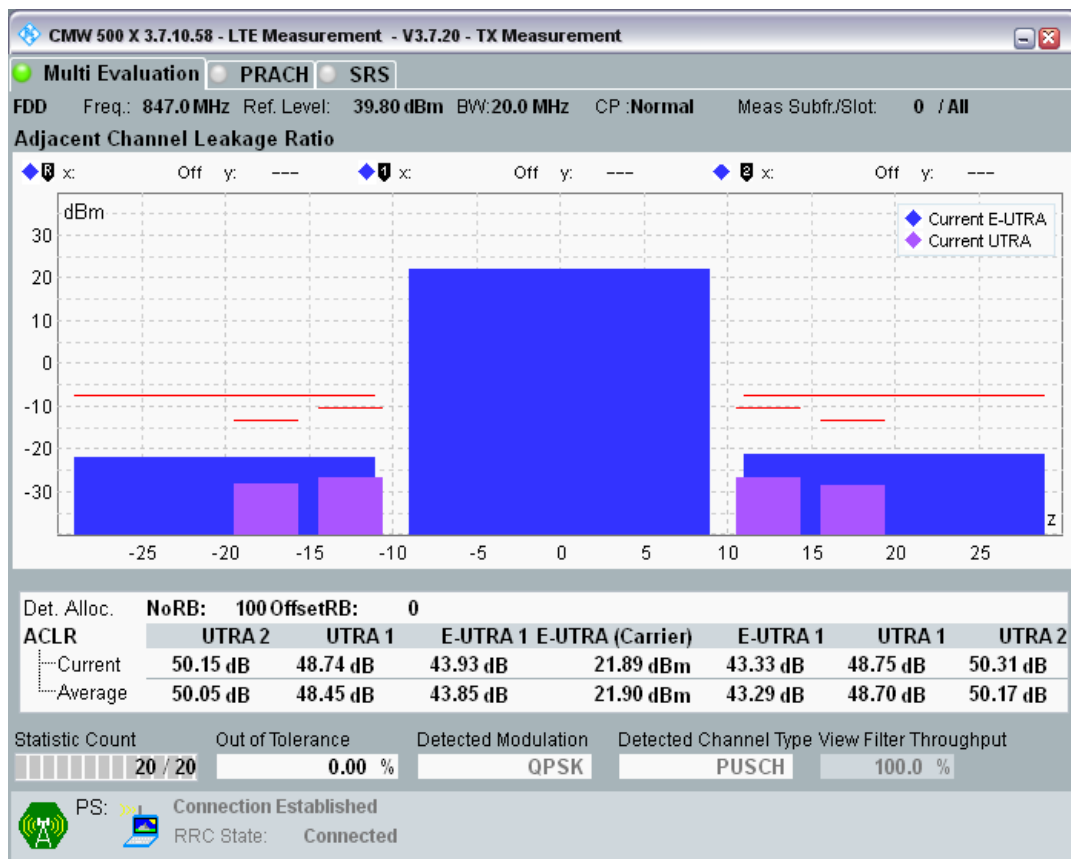
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Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#Max.png



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



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



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



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



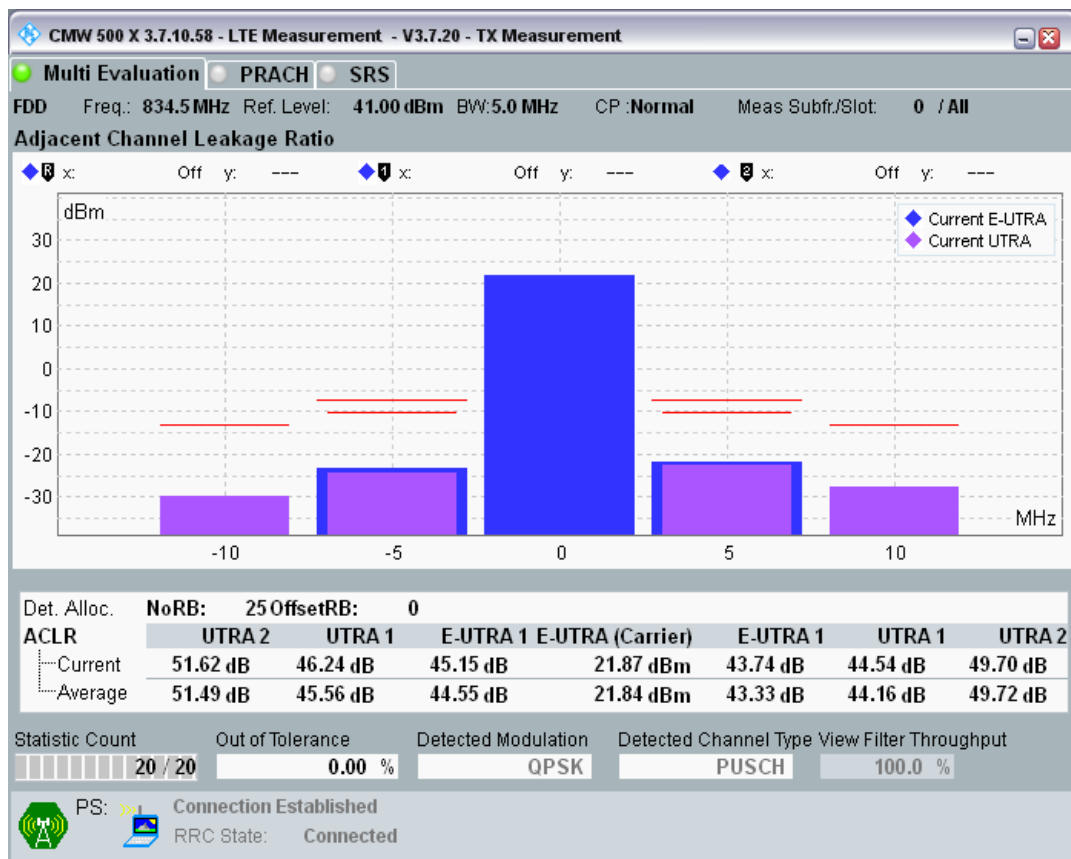
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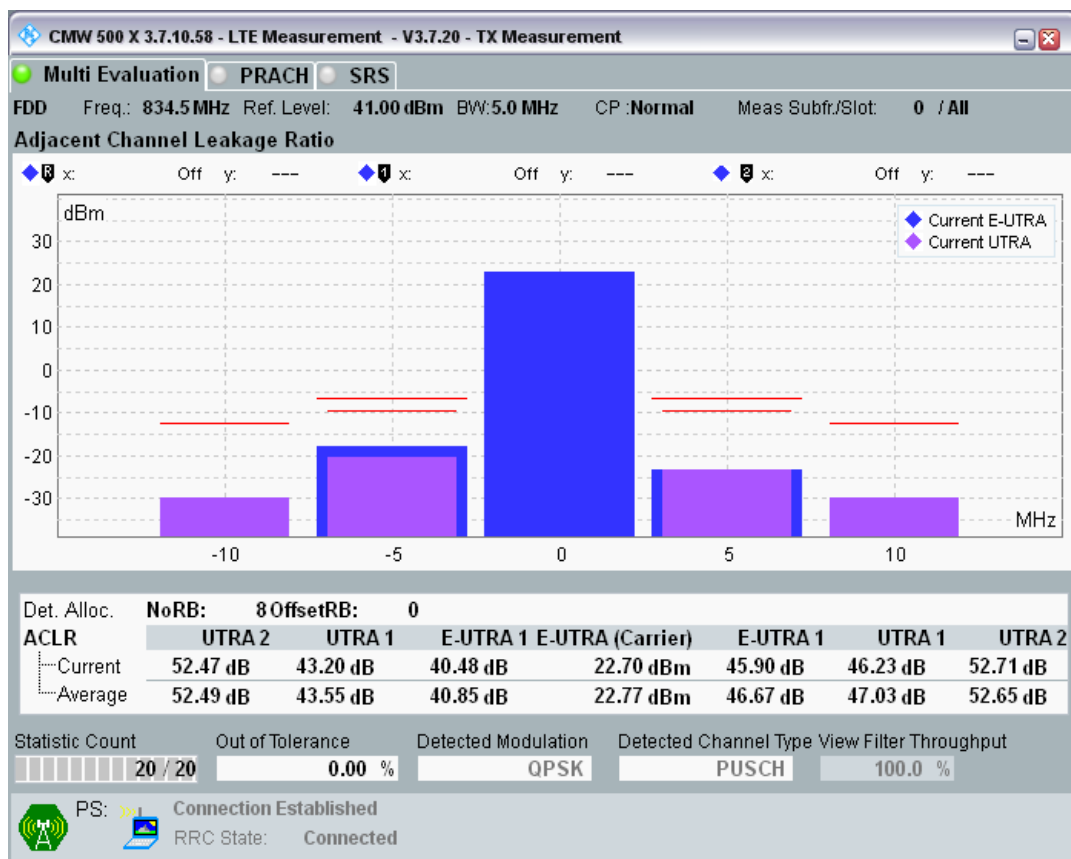
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#Max.png



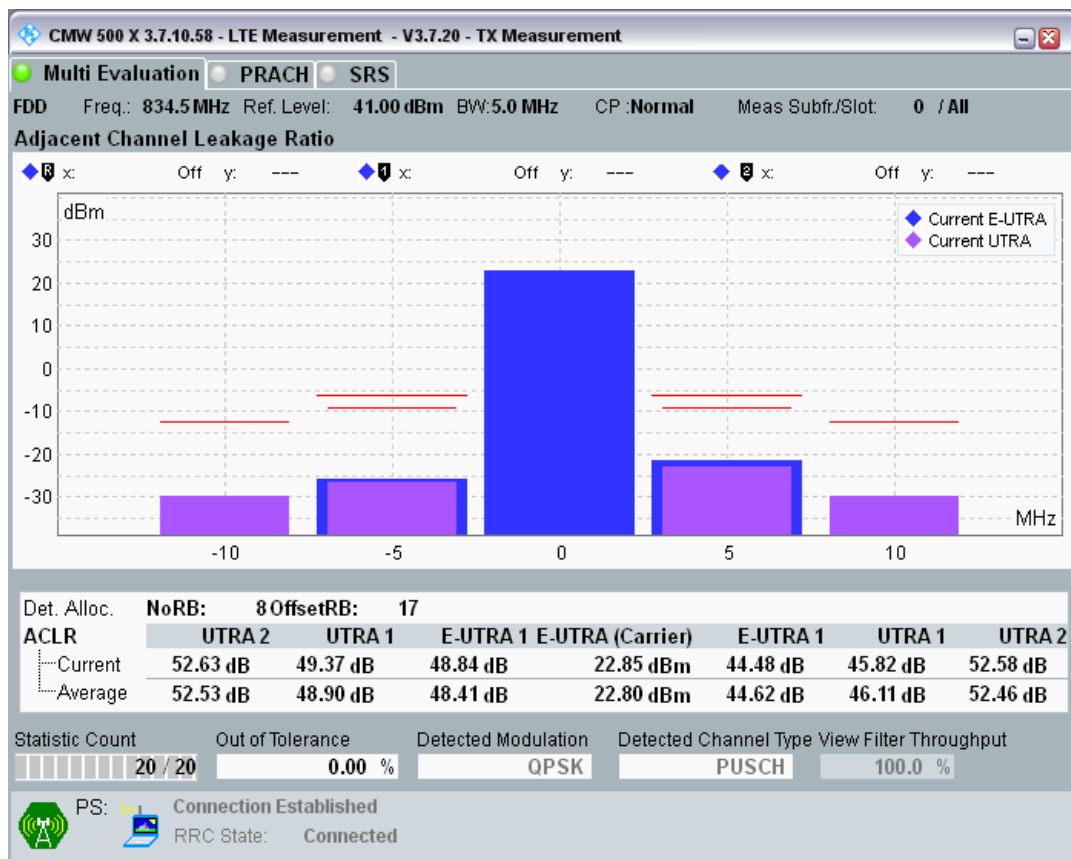
Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0.png



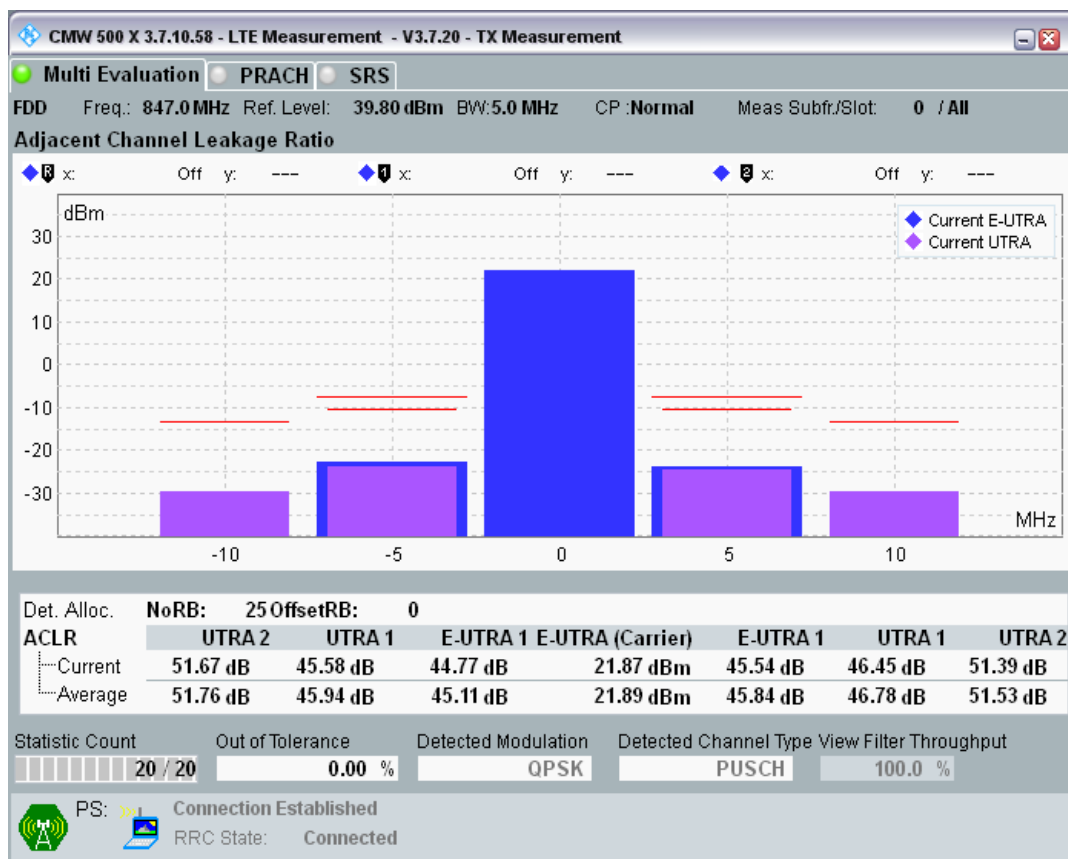
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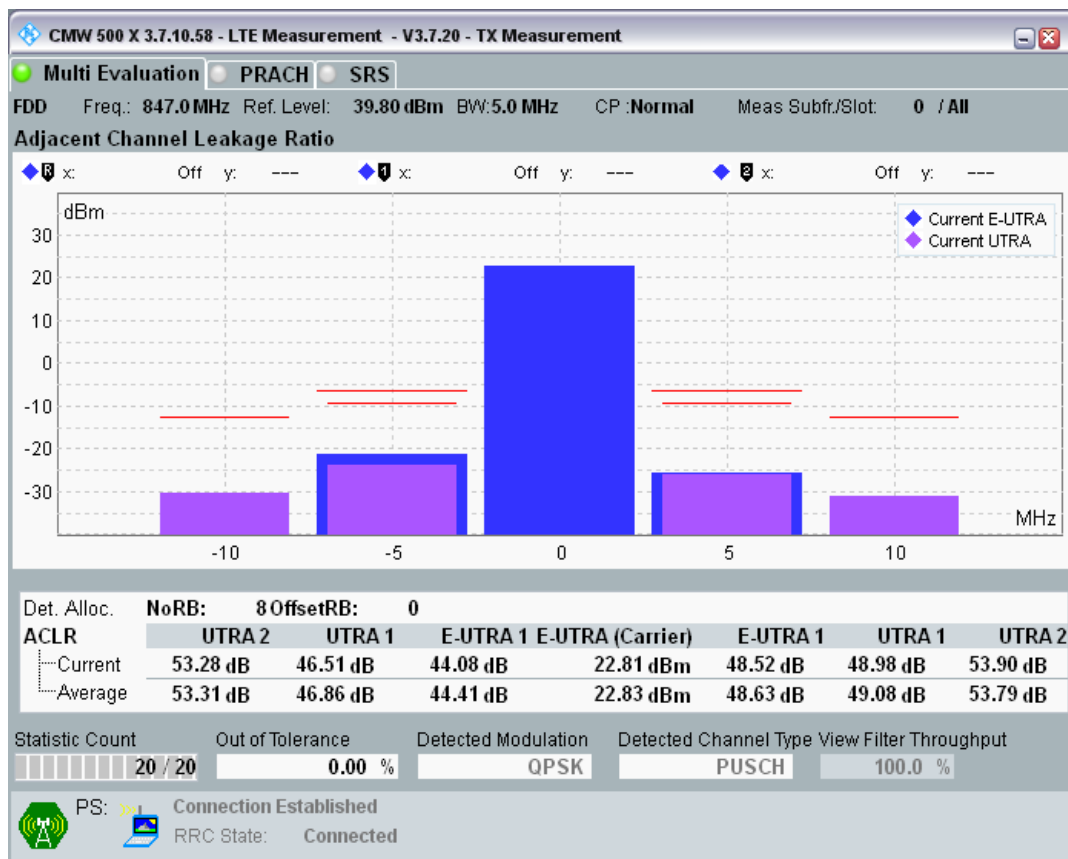
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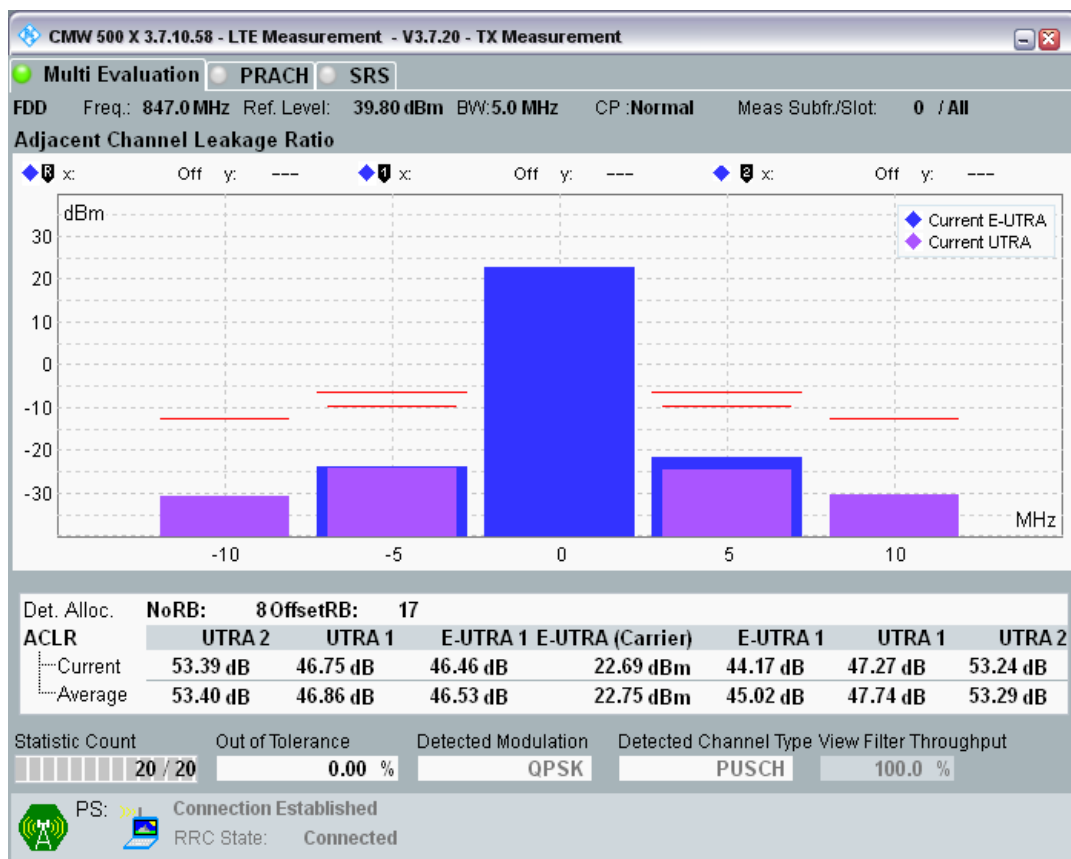
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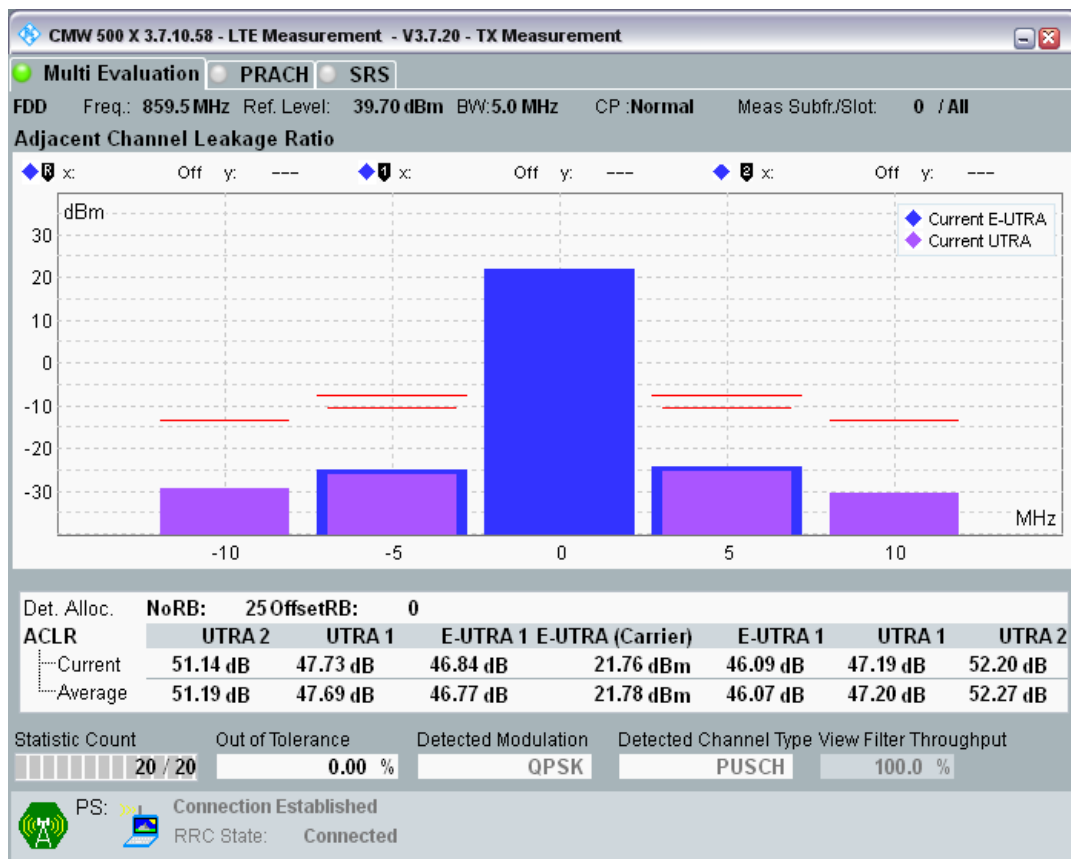
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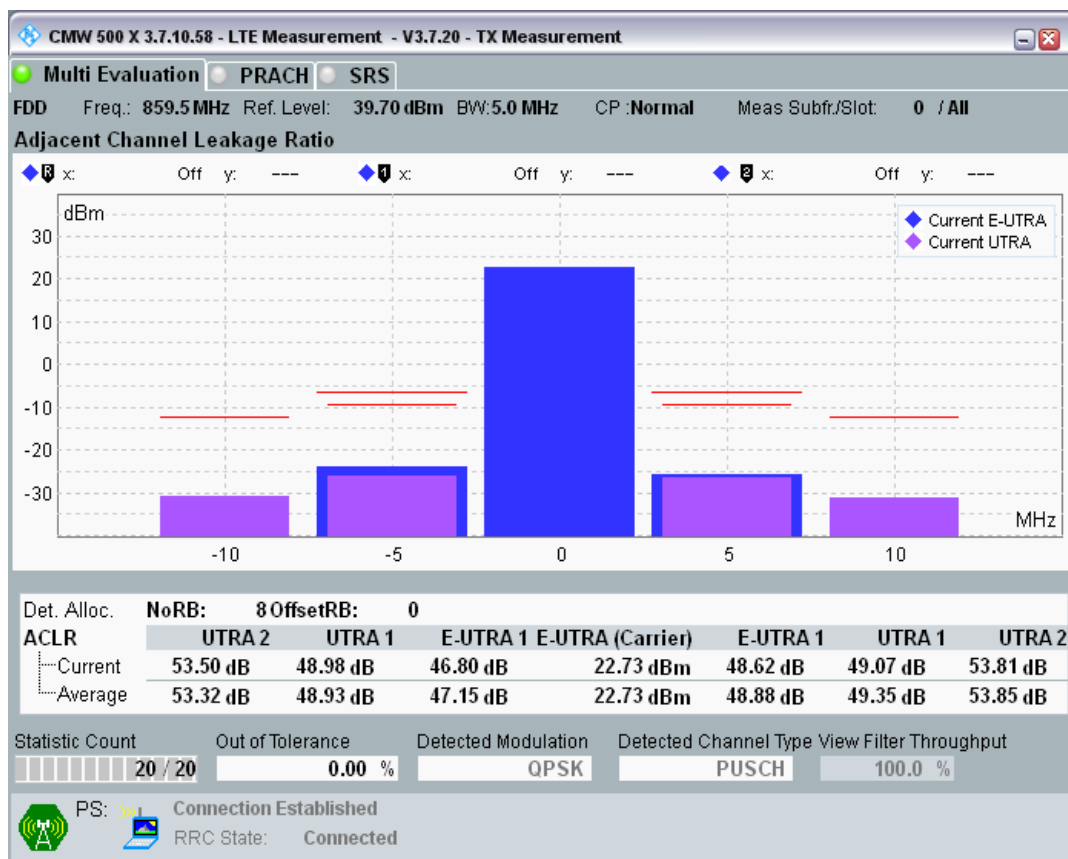
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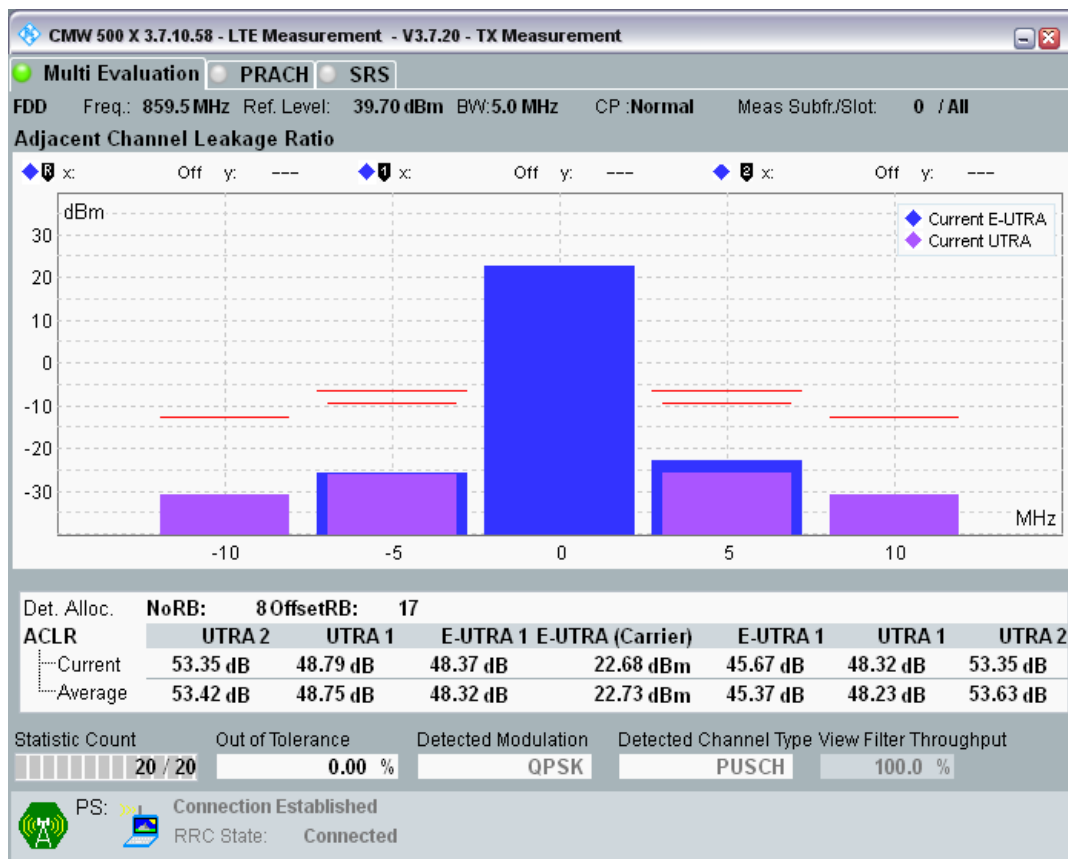
Band20 QPSK BW=5MHz Channel=24425 RB Size=25 Position=#0.png



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



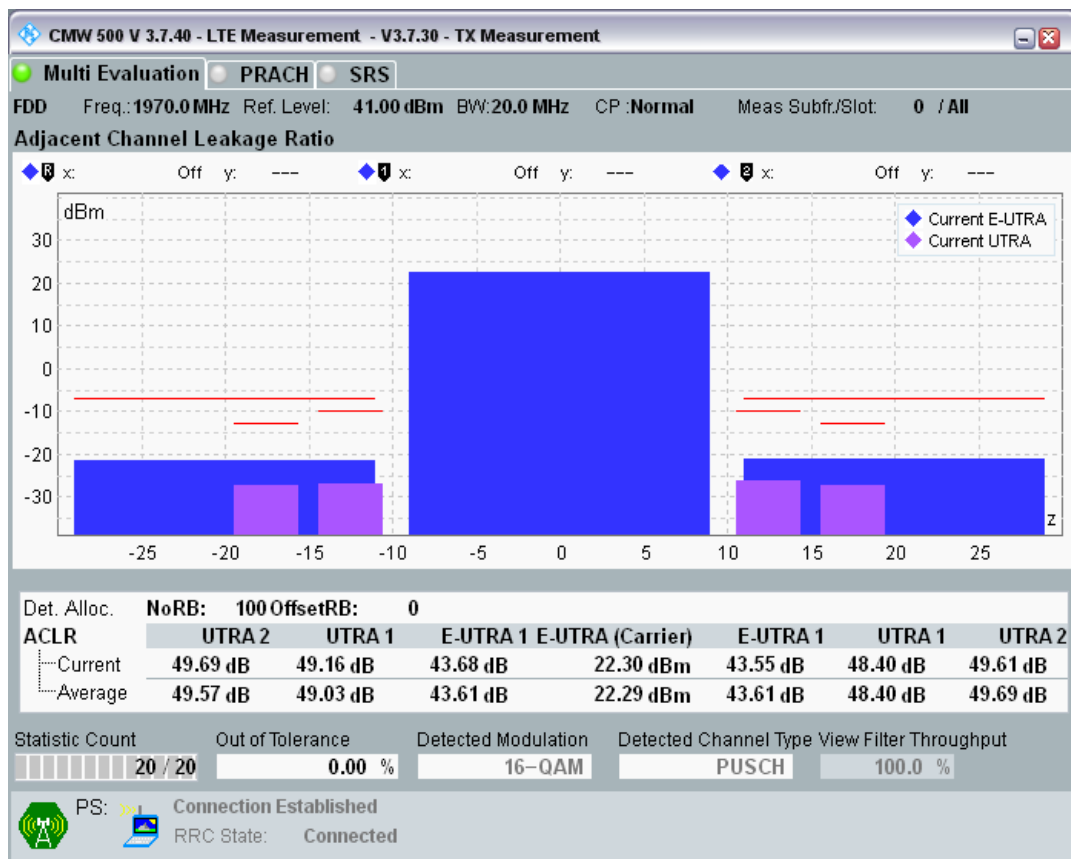
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Band1 QAM16 BW=20MHz Channel=18300 RB Size=18 Position=#Max.png



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



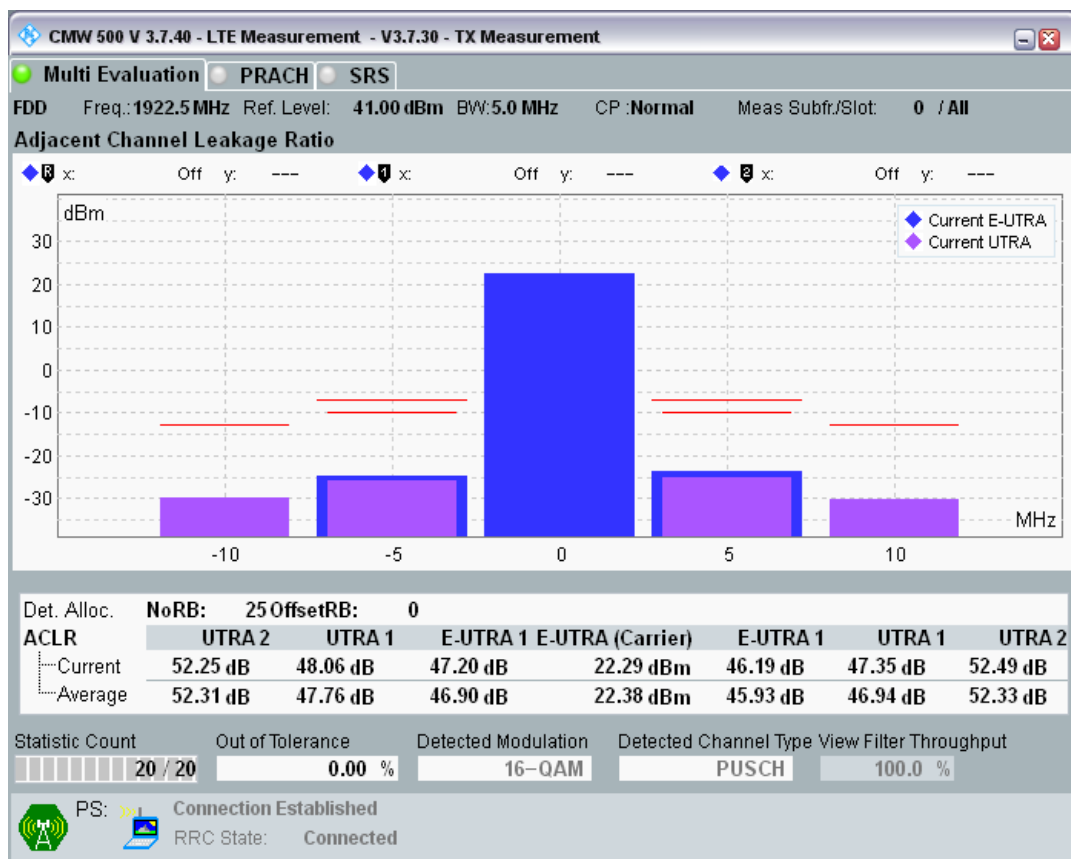
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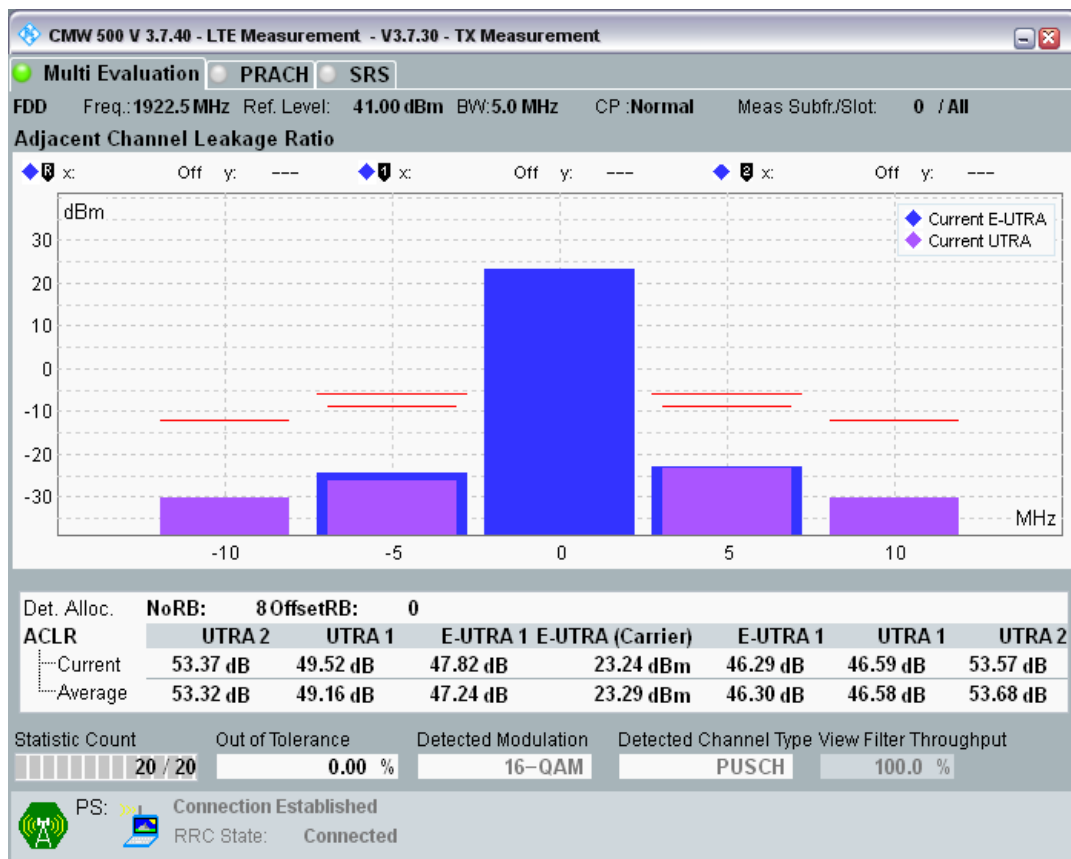
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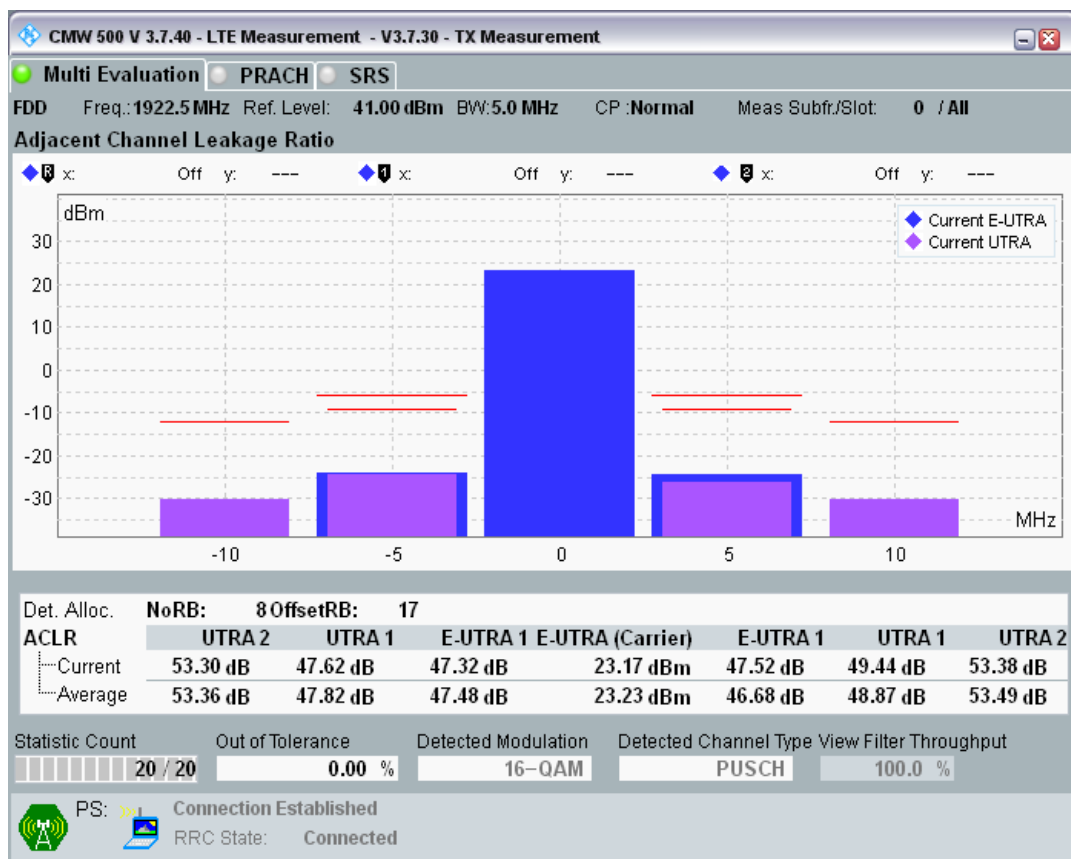
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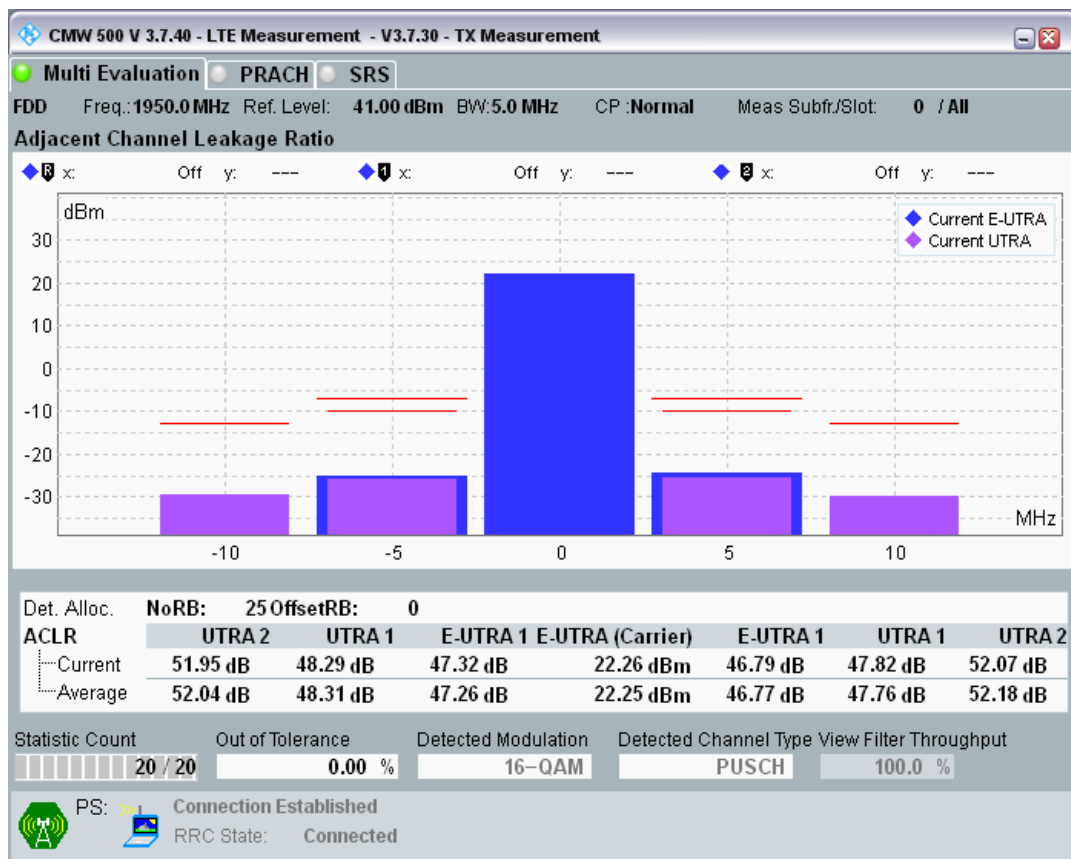
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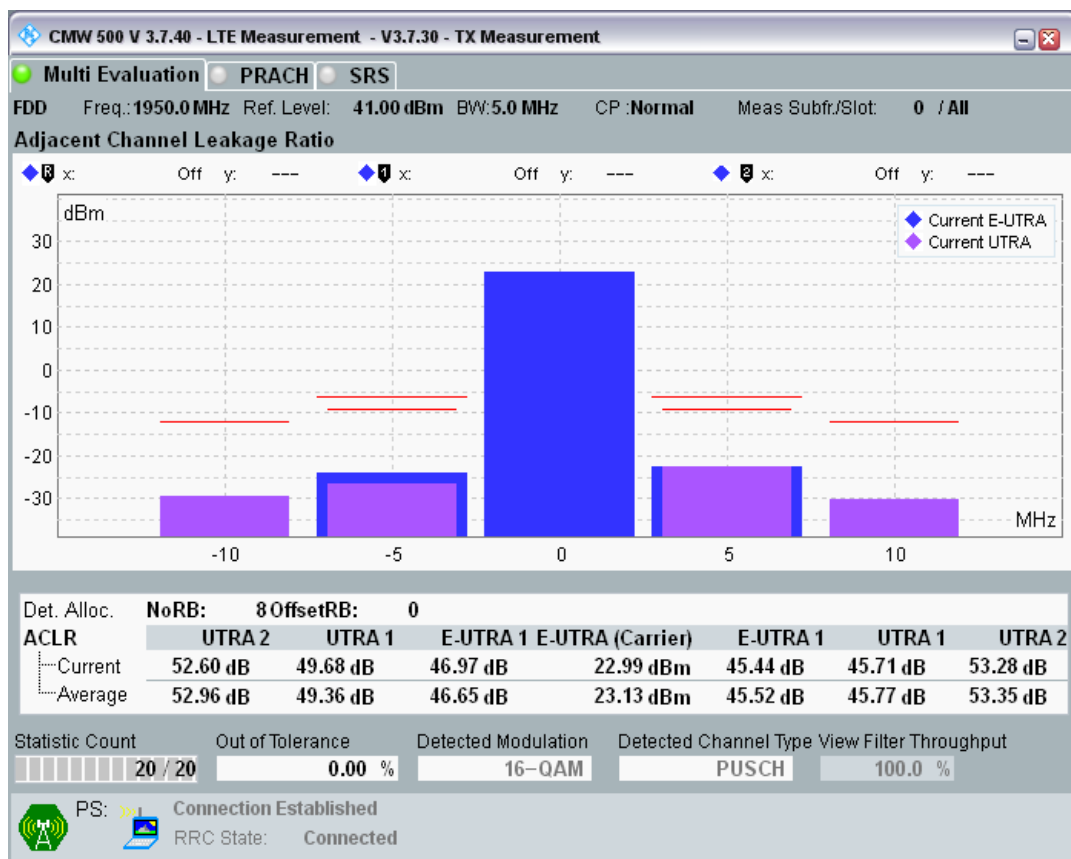
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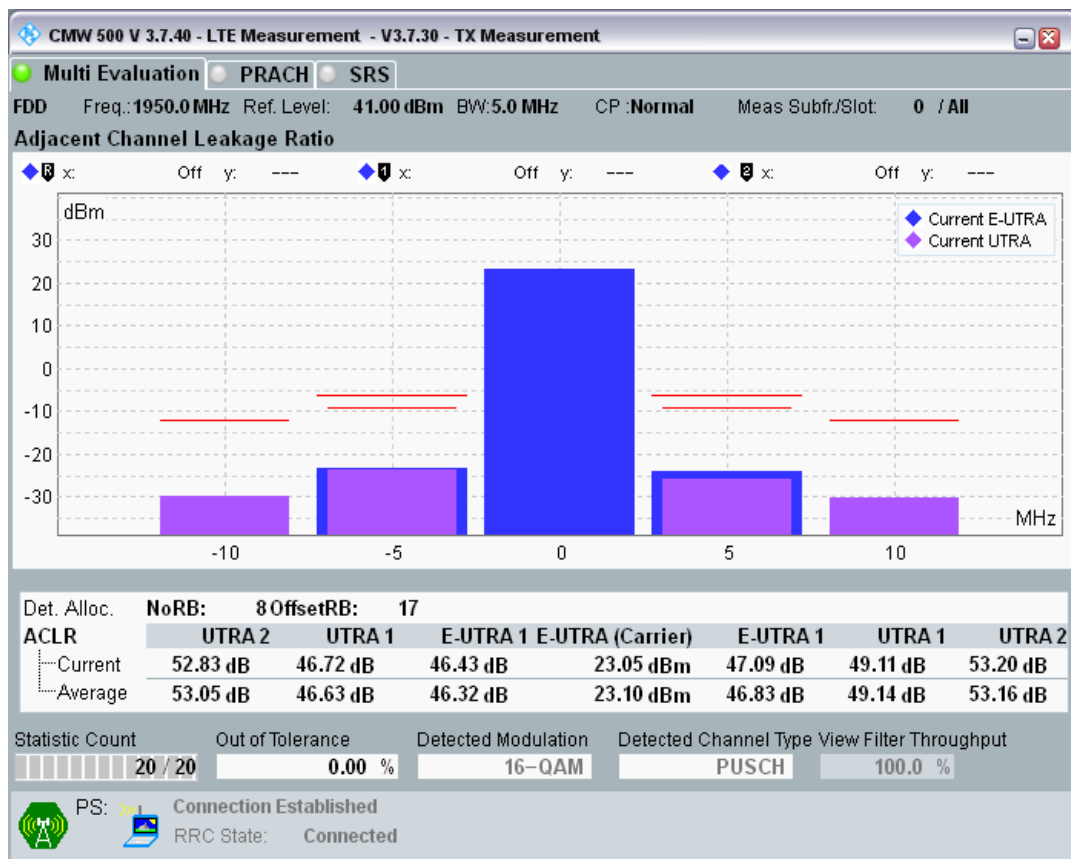
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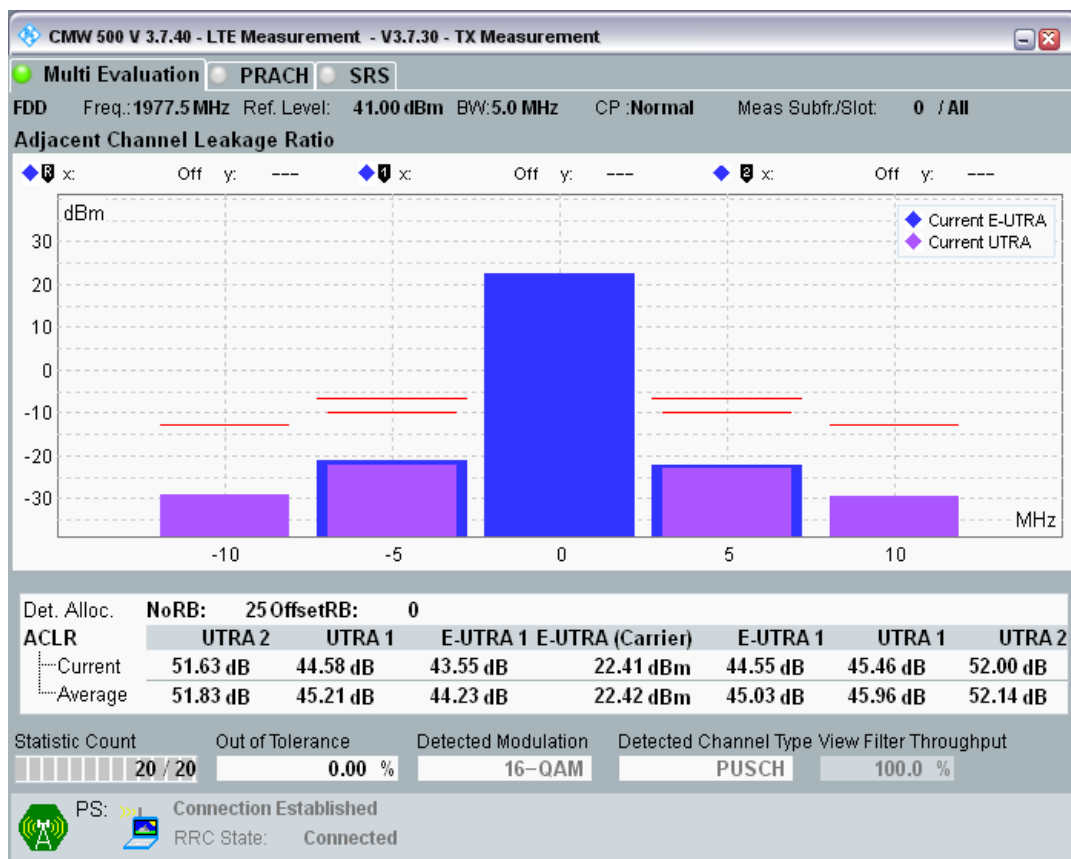
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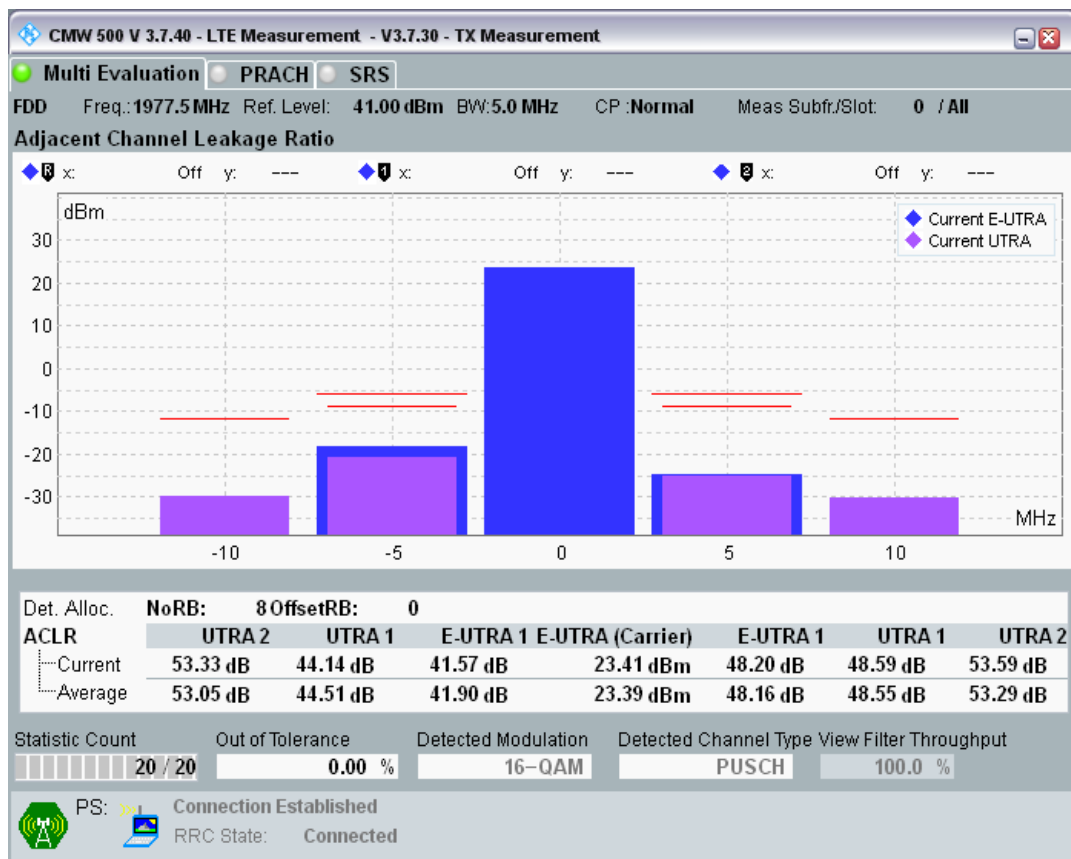
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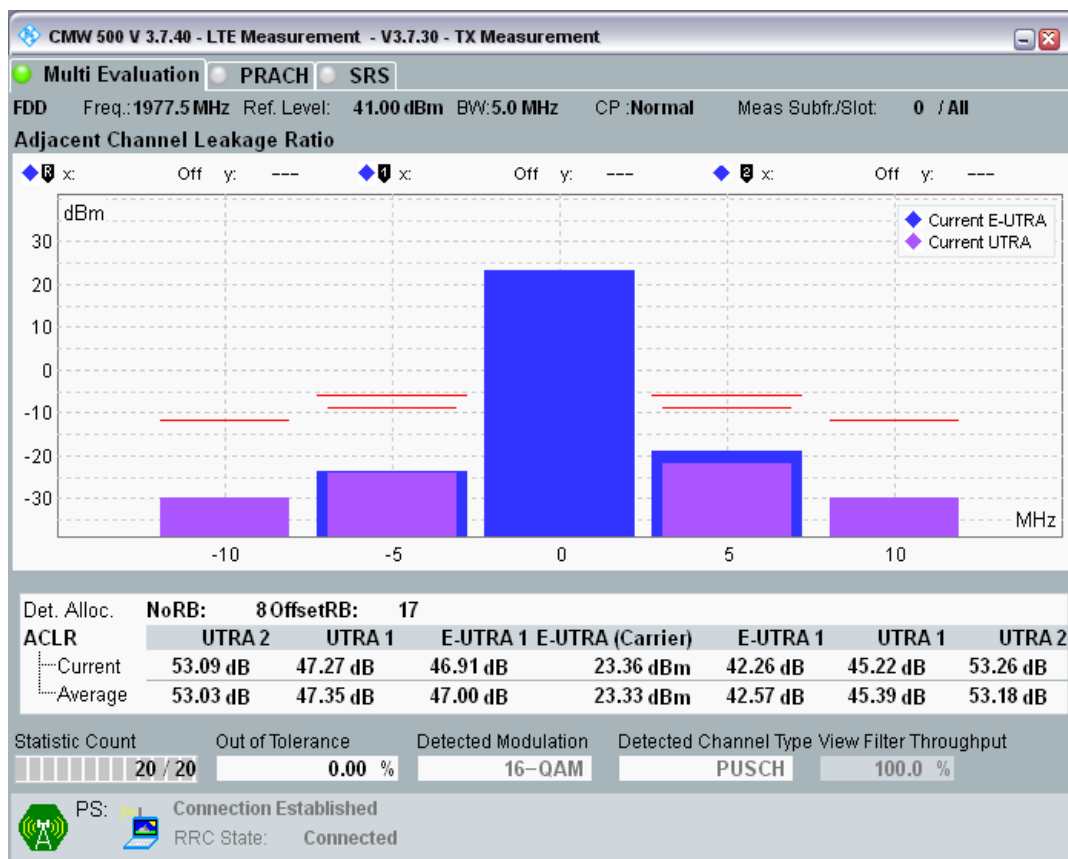
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Band1 QAM16 BW=5MHz Channel=18575 RB Size=8 Position=#0.png



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



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



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



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



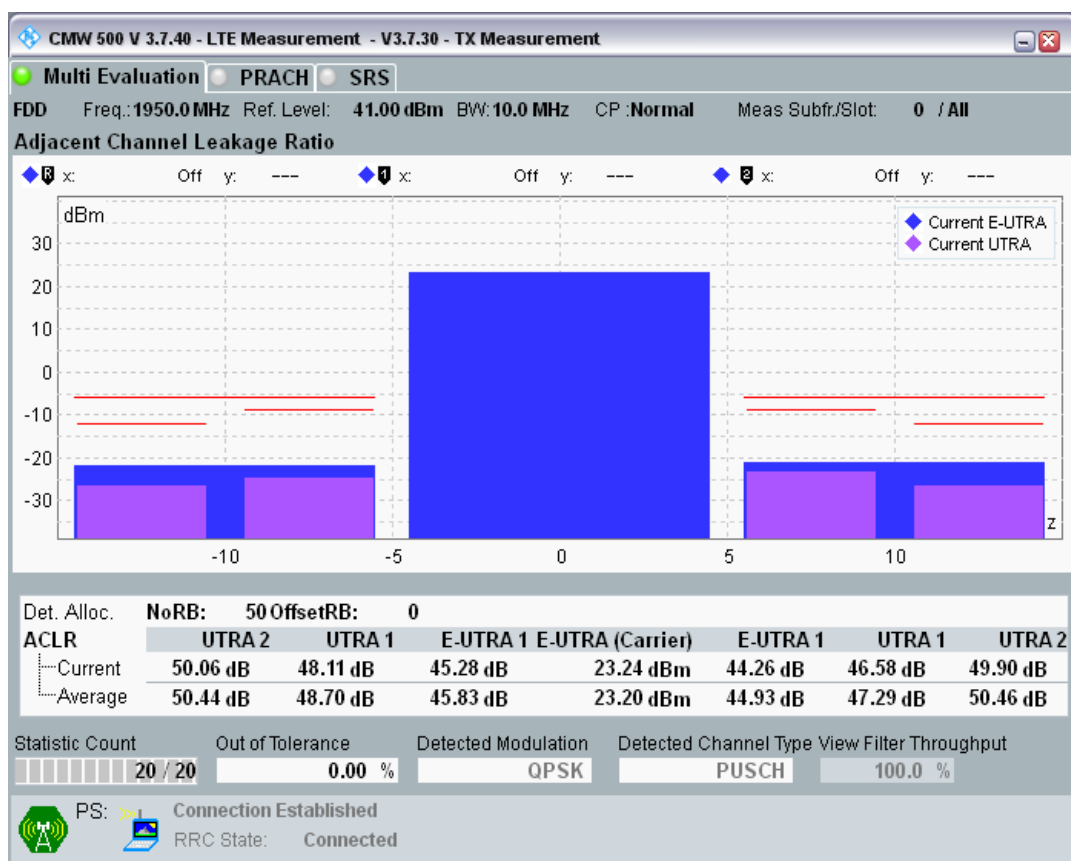
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Band1 QPSK BW=10MHz Channel=18300 RB Size=12 Position=#Max.png



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



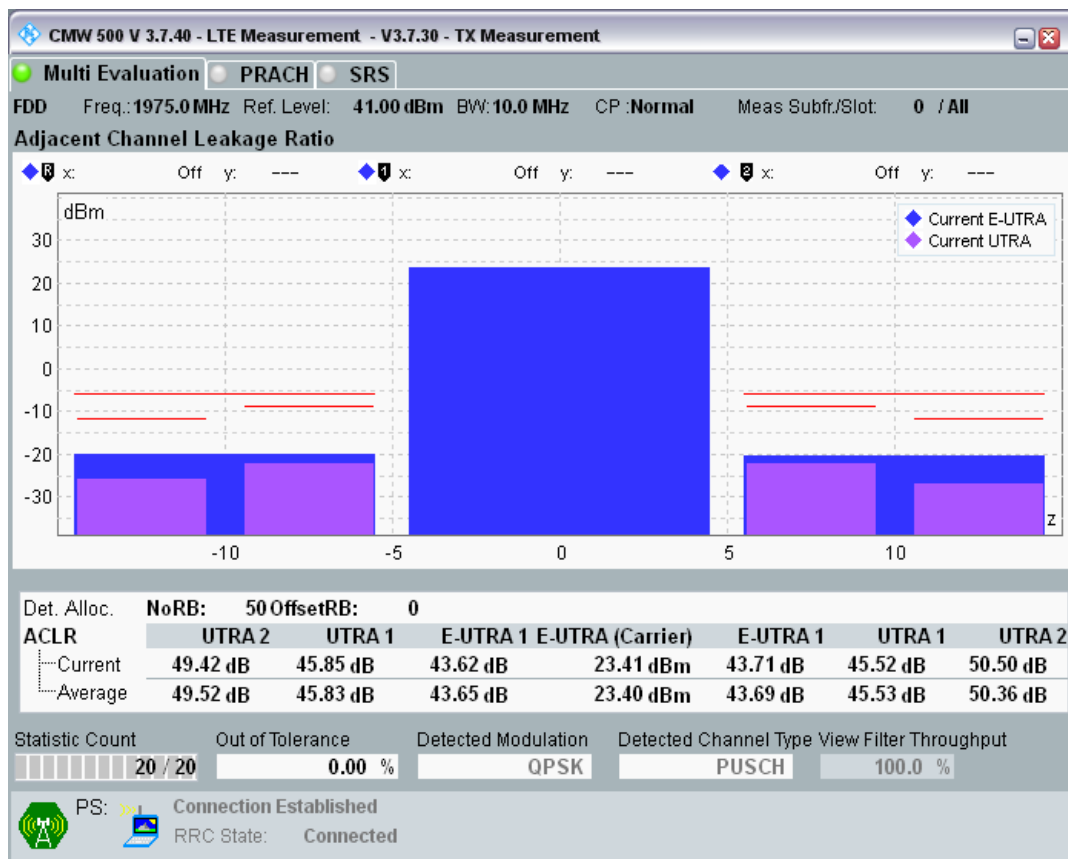
Band1 QPSK BW=10MHz Channel=18550 RB Size=12 Position=#0.png



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



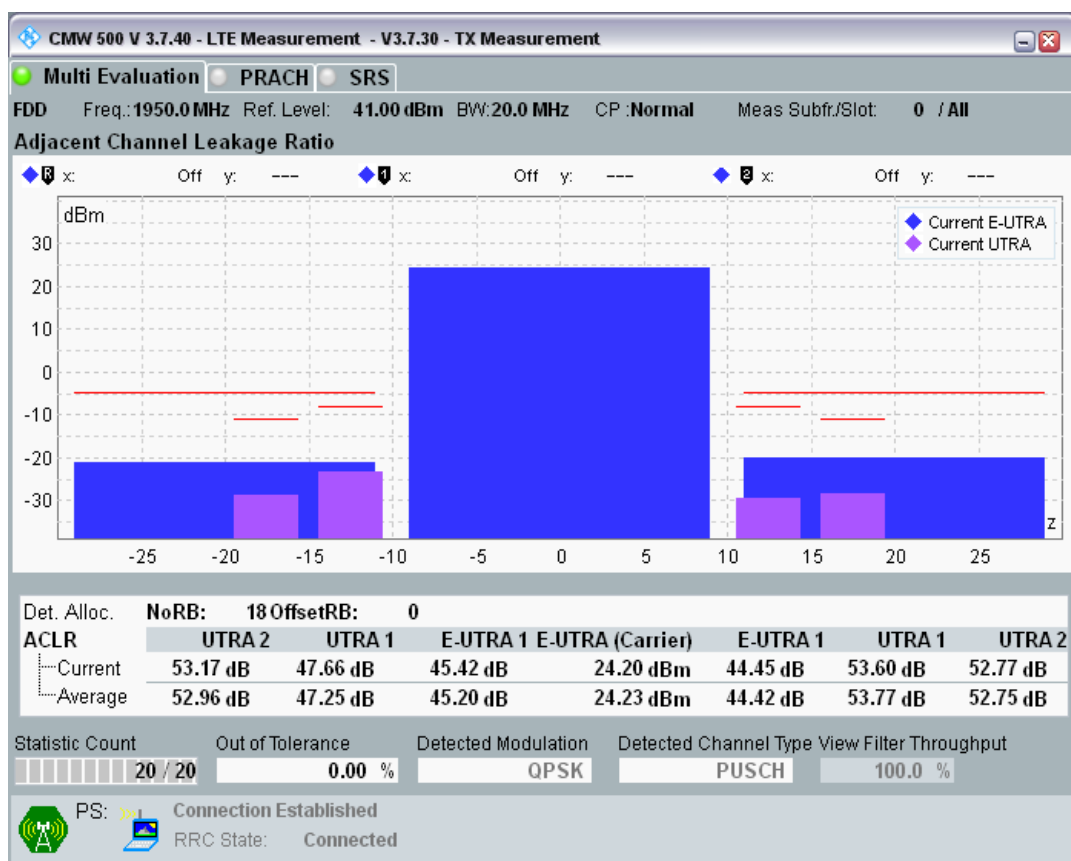
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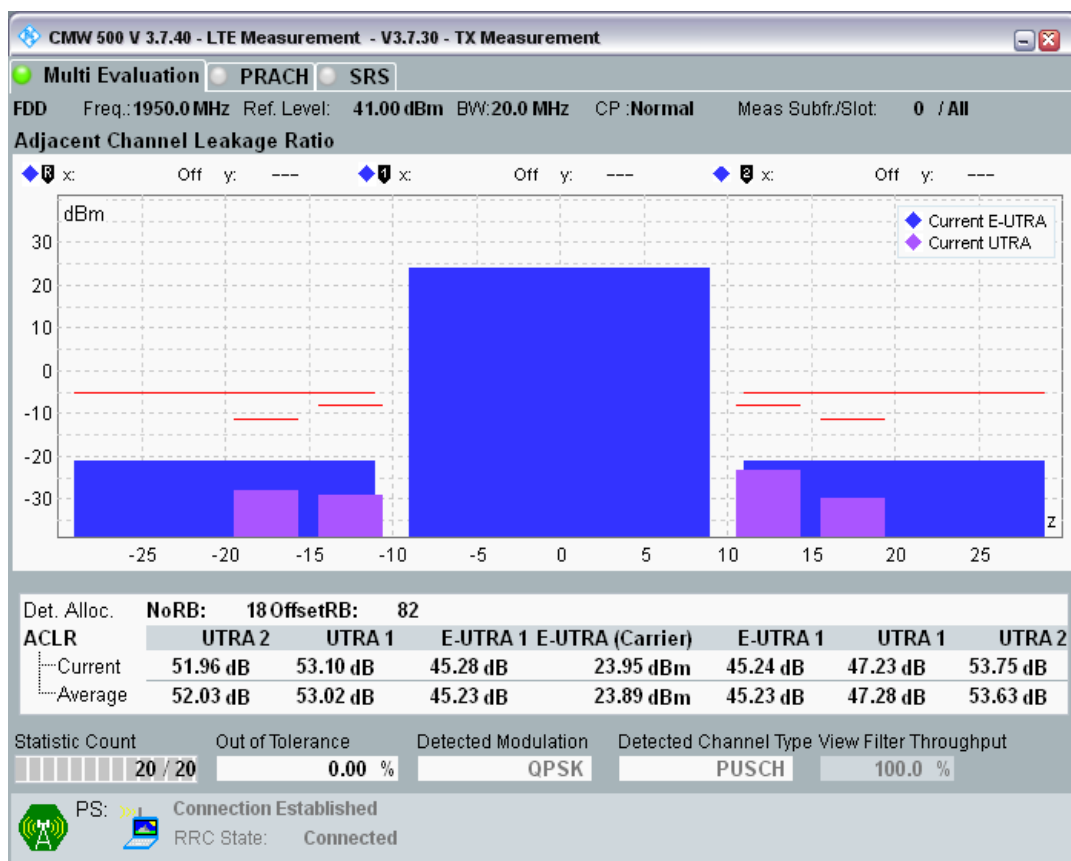
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Band1 QPSK BW=20MHz Channel=18300 RB Size=18 Position=#0.png



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



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



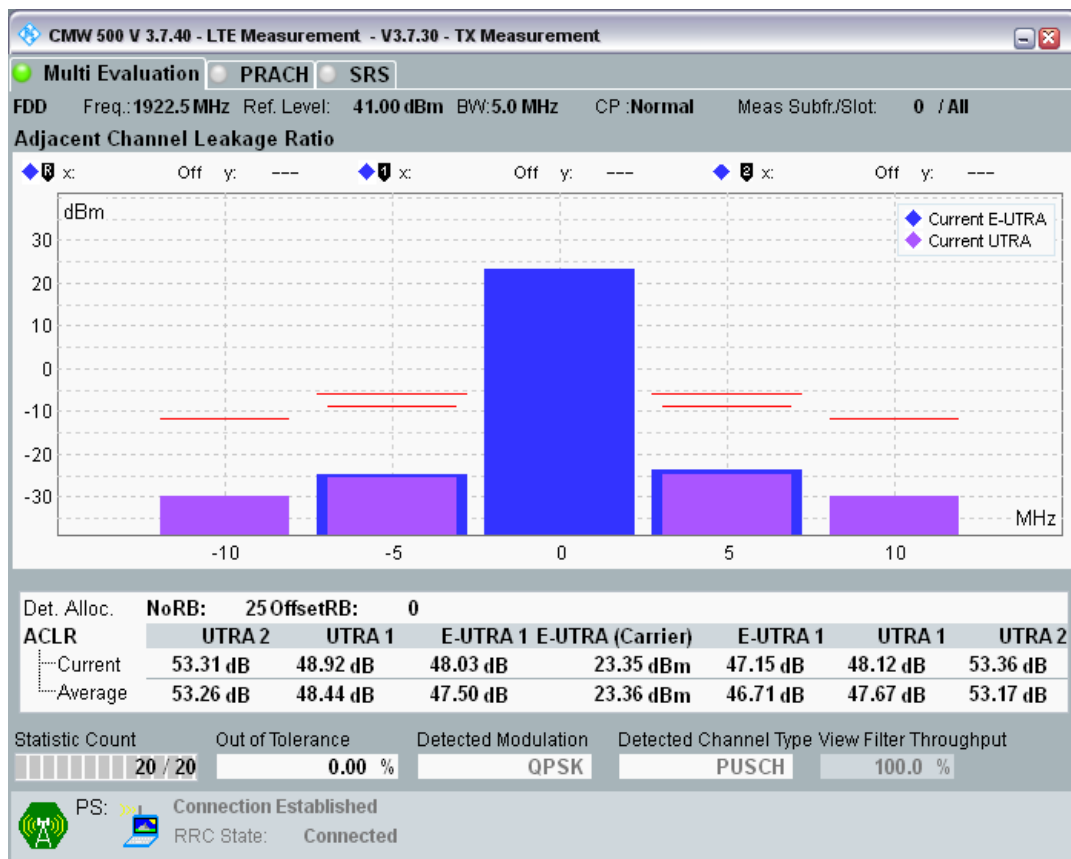
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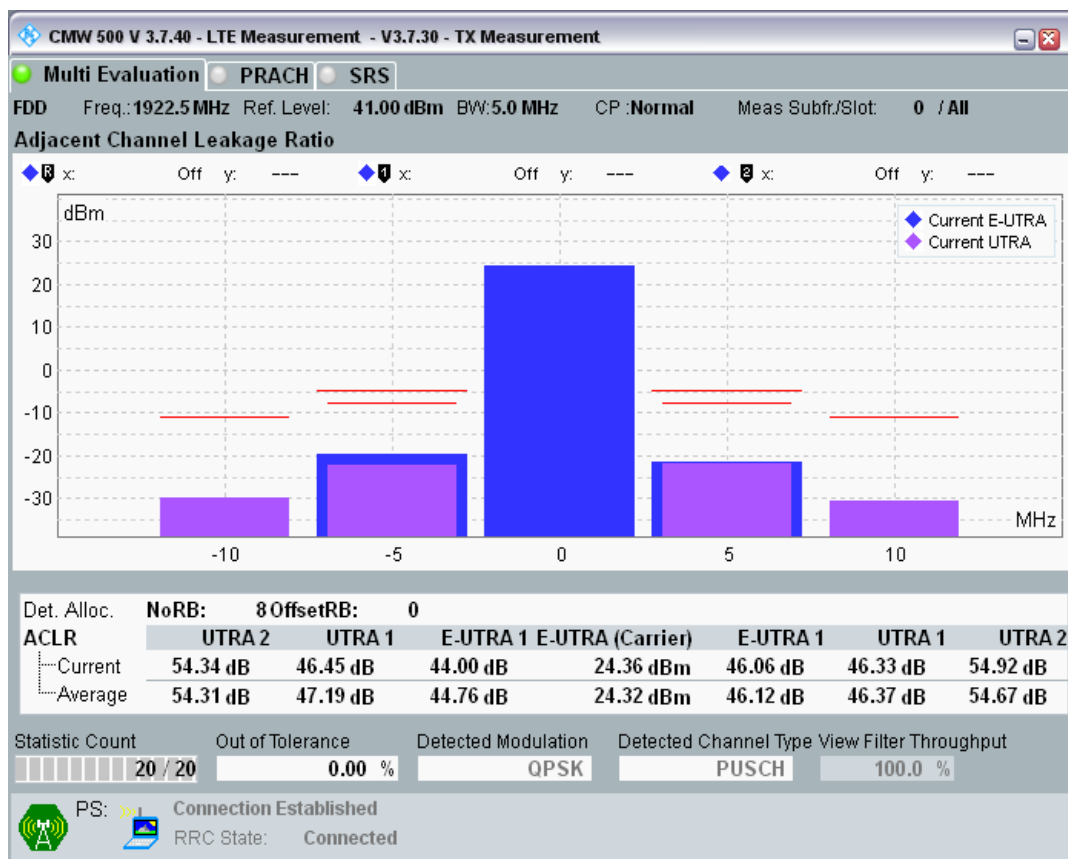
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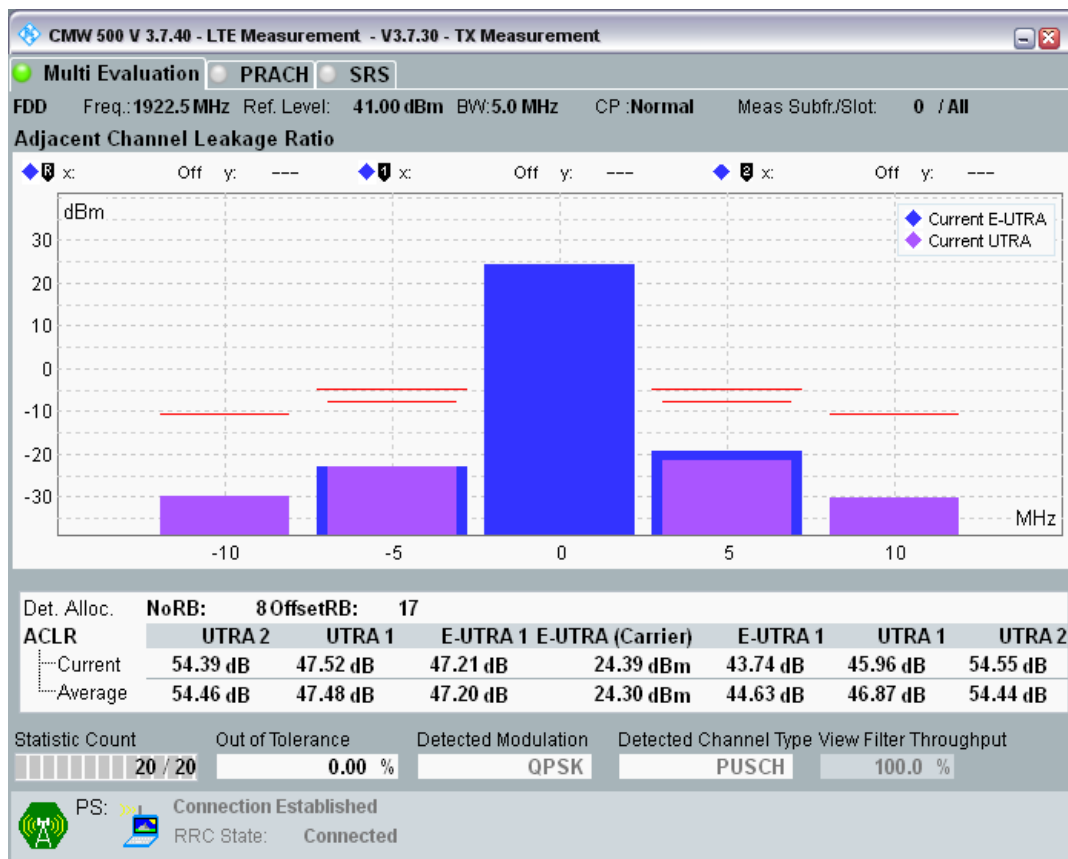
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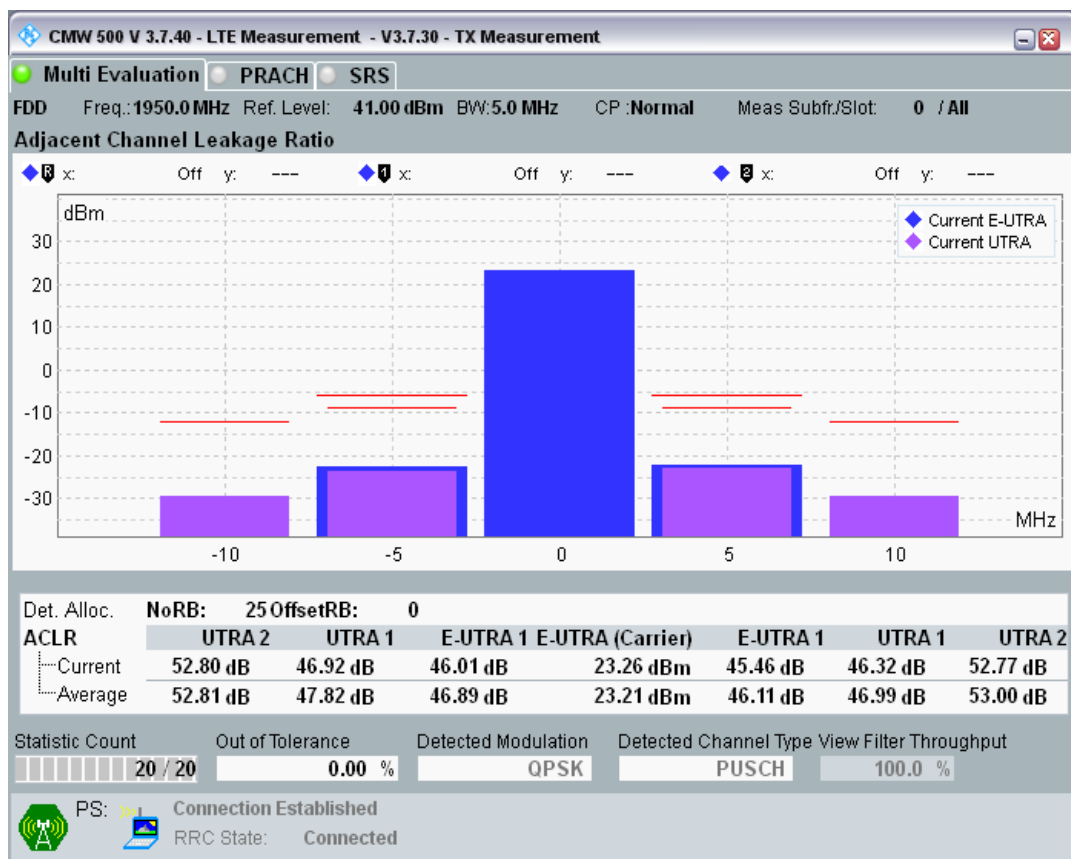
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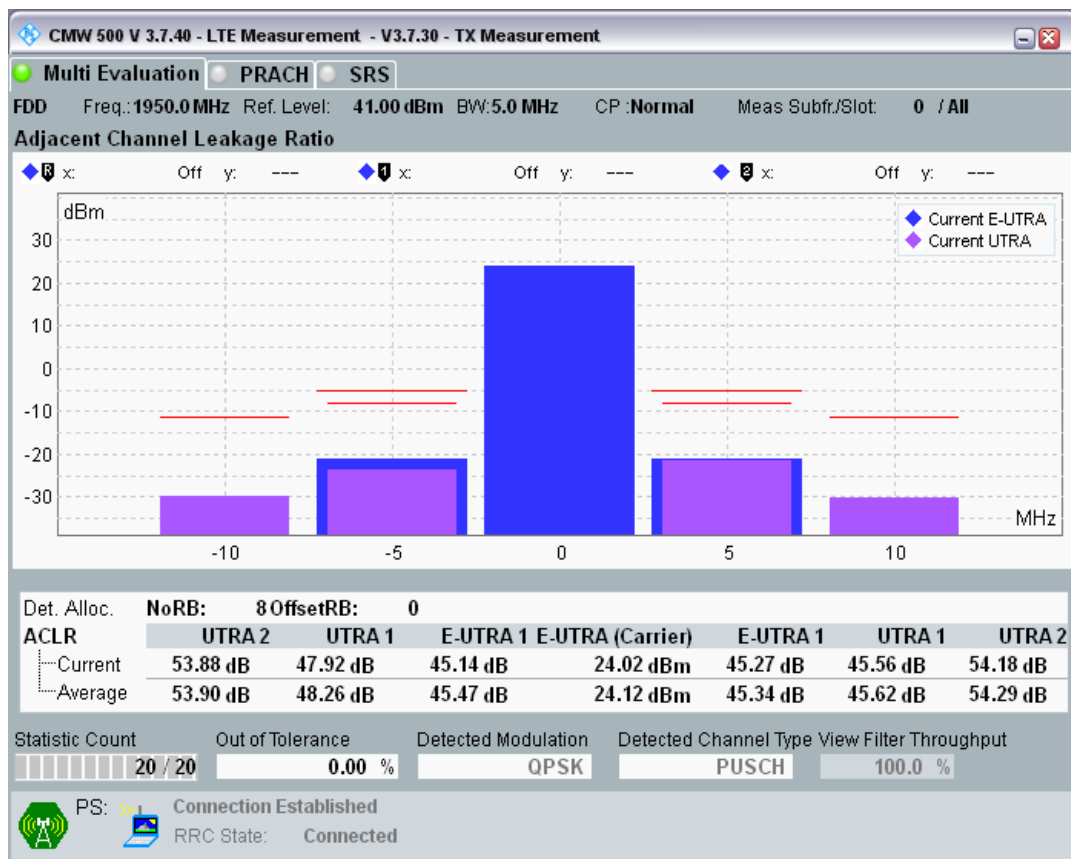
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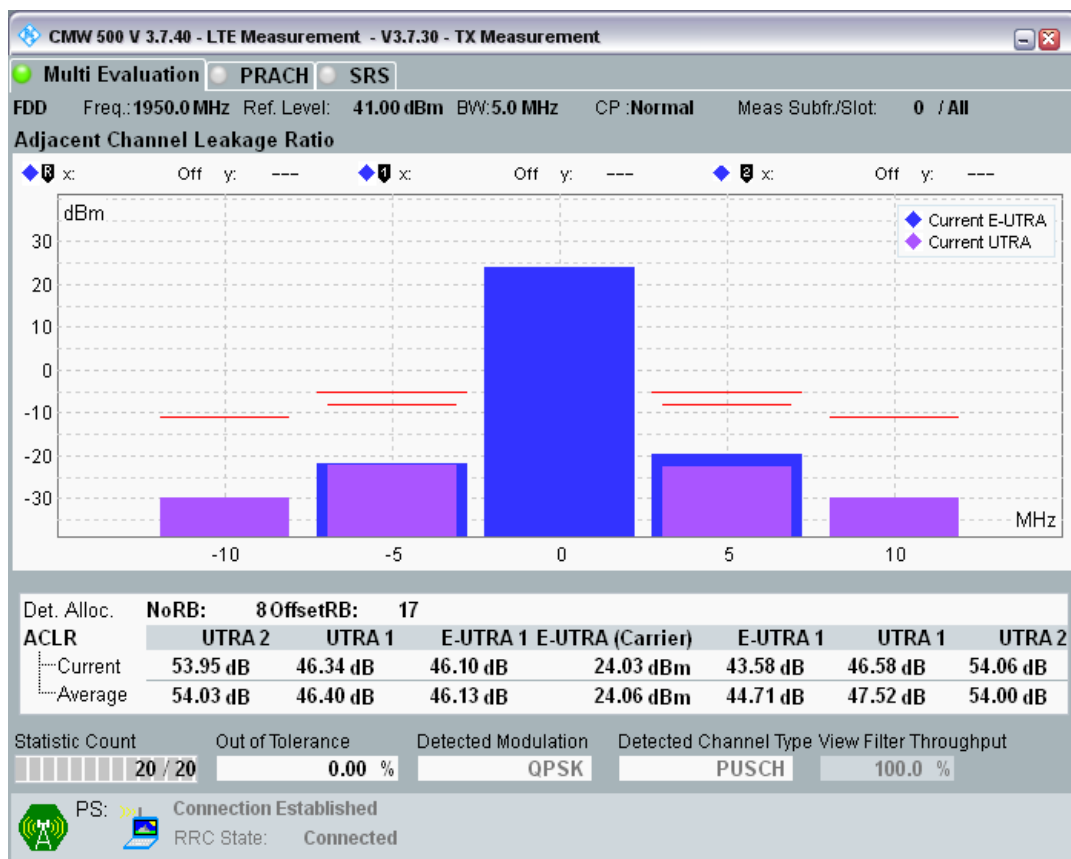
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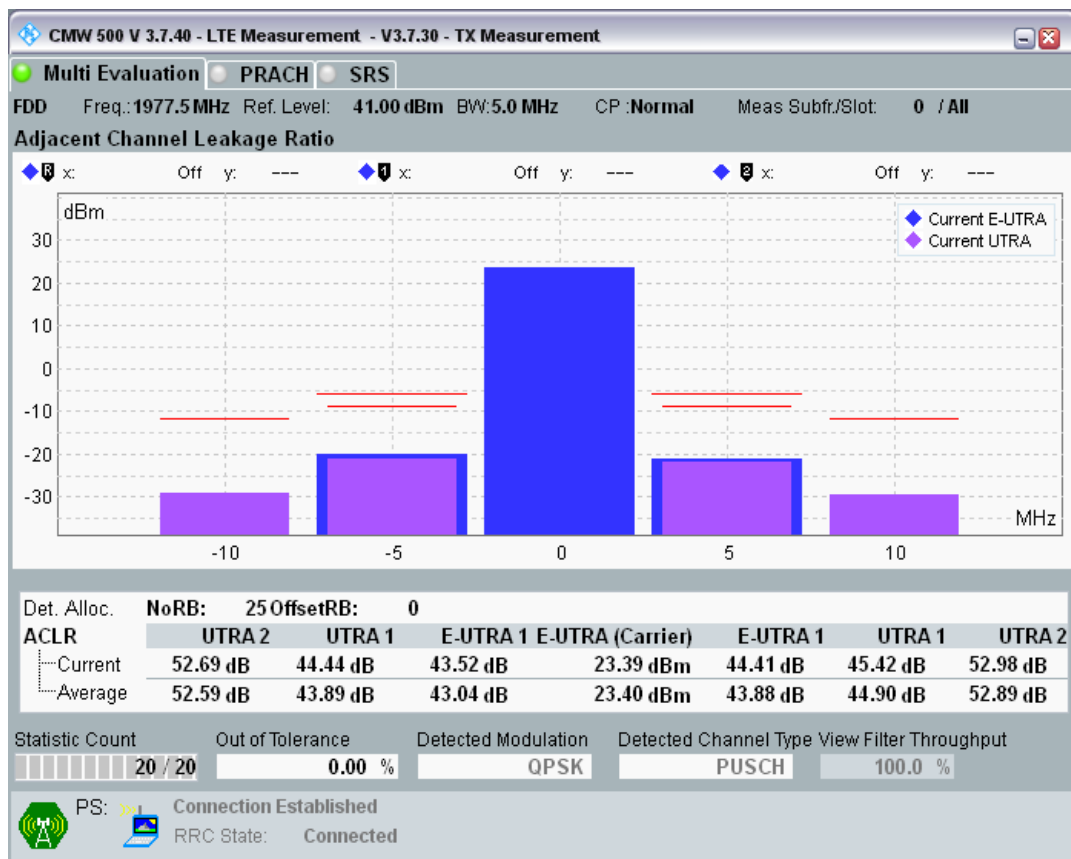
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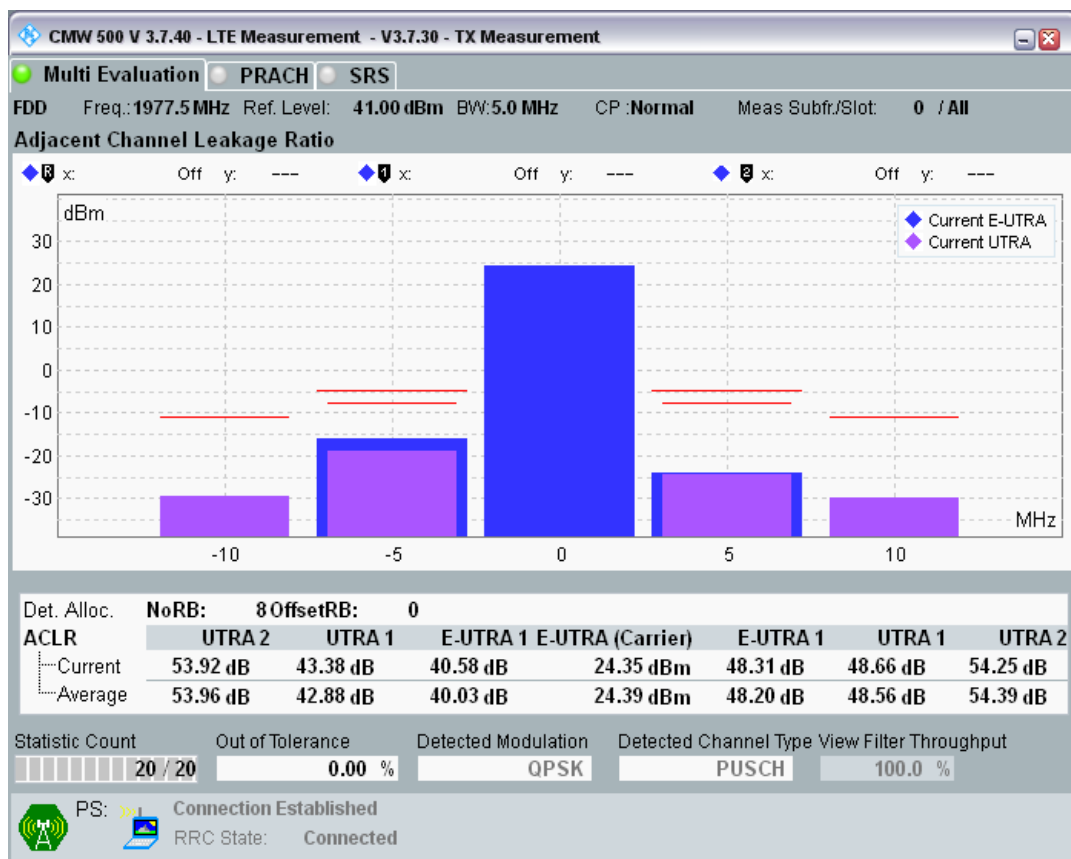
Band1 QPSK BW=5MHz Channel=18300 RB Size=8 Position=#Max.png



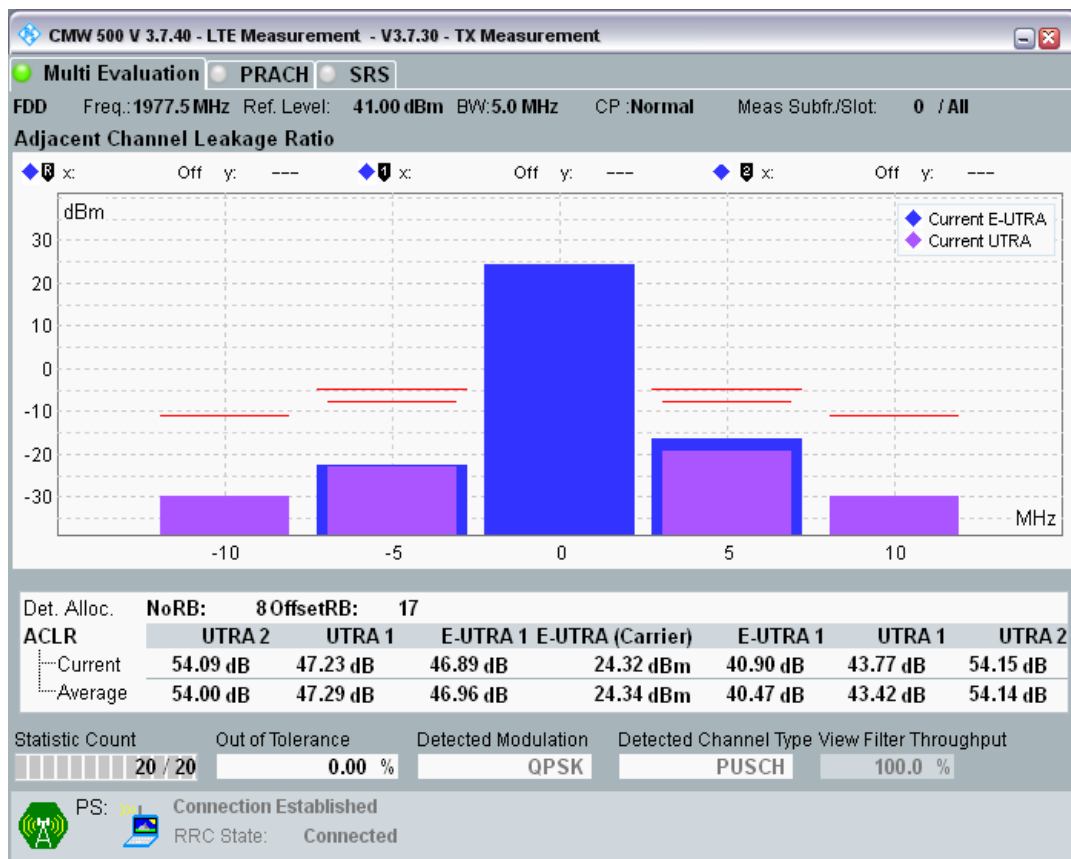
Band1 QPSK BW=5MHz Channel=18575 RB Size=25 Position=#0.png



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

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No.110~116, Building B, Jinyuan Business Building, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366

Project No.: CCISE2006037

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
3	1.4	19207	6	QPSK	-101	100.00	95	PASS
3	1.4	19575	6	QPSK	-101	100.00	95	PASS
3	1.4	19943	6	QPSK	-101	99.88	95	PASS
3	5	19225	25	QPSK	-96.3	100.00	95	PASS
3	5	19575	25	QPSK	-96.3	100.00	95	PASS
3	5	19925	25	QPSK	-96.3	100.00	95	PASS
3	20	19300	100	QPSK	-90.3	100.00	95	PASS
3	20	19575	100	QPSK	-90.3	100.00	95	PASS
3	20	19850	100	QPSK	-90.3	100.00	95	PASS
7	5	20775	25	QPSK	-97.3	100.00	95	PASS
7	5	21100	25	QPSK	-97.3	100.00	95	PASS
7	5	21425	25	QPSK	-97.3	100.00	95	PASS
7	20	20850	100	QPSK	-91.3	100.00	95	PASS
7	20	21100	100	QPSK	-91.3	100.00	95	PASS
7	20	21350	100	QPSK	-91.3	100.00	95	PASS
8	1.4	21457	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21625	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21793	6	QPSK	-101.5	100.00	95	PASS
8	5	21475	25	QPSK	-96.3	100.00	95	PASS
8	5	21625	25	QPSK	-96.3	100.00	95	PASS
8	5	21775	25	QPSK	-96.3	100.00	95	PASS
8	10	21500	50	QPSK	-93.3	100.00	95	PASS
8	10	21625	50	QPSK	-93.3	100.00	95	PASS
8	10	21750	50	QPSK	-93.3	100.00	95	PASS
20	5	24175	25	QPSK	-96.3	100.00	95	PASS
20	5	24300	25	QPSK	-96.3	100.00	95	PASS
20	5	24425	25	QPSK	-96.3	100.00	95	PASS
20	20	24250	100	QPSK	-89.3	100.00	95	PASS
20	20	24300	100	QPSK	-89.3	100.00	95	PASS
20	20	24350	100	QPSK	-89.3	100.00	95	PASS
1	5	18025	25	QPSK	-99.3	100.00	95	PASS
1	5	18300	25	QPSK	-99.3	100.00	95	PASS
1	5	18575	25	QPSK	-99.3	100.00	95	PASS
1	20	18100	100	QPSK	-93.3	100.00	95	PASS
1	20	18300	100	QPSK	-93.3	100.00	95	PASS
1	20	18500	100	QPSK	-93.3	100.00	95	PASS