

Test Condition: LTHV, 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	23.92	20.3		25.7		PASS
7	5	20775	1	#Max	QPSK	23.74	20.3		25.7		PASS
7	5	20775	8	#0	QPSK	23.92	20.3		25.7		PASS
7	5	20775	8	#Max	QPSK	23.63	20.3		25.7		PASS
7	5	21100	1	#0	QPSK	23.63	20.3		25.7		PASS
7	5	21100	1	#Max	QPSK	23.67	20.3		25.7		PASS
7	5	21100	8	#0	QPSK	23.69	20.3		25.7		PASS
7	5	21100	8	#Max	QPSK	23.69	20.3		25.7		PASS
7	5	21425	1	#0	QPSK	23.49	20.3		25.7		PASS
7	5	21425	1	#Max	QPSK	23.58	20.3		25.7		PASS
7	5	21425	8	#0	QPSK	23.64	20.3		25.7		PASS
7	5	21425	8	#Max	QPSK	23.70	20.3		25.7		PASS
7	20	20850	1	#0	QPSK	23.82	20.3		25.7		PASS
7	20	20850	1	#Max	QPSK	23.34	20.3		25.7		PASS
7	20	20850	18	#0	QPSK	23.40	20.3		25.7		PASS
7	20	20850	18	#Max	QPSK	23.10	20.3		25.7		PASS
7	20	21100	1	#0	QPSK	23.26	20.3		25.7		PASS
7	20	21100	1	#Max	QPSK	23.22	20.3		25.7		PASS
7	20	21100	18	#0	QPSK	23.46	20.3		25.7		PASS
7	20	21100	18	#Max	QPSK	23.48	20.3		25.7		PASS
7	20	21350	1	#0	QPSK	23.21	20.3		25.7		PASS
7	20	21350	1	#Max	QPSK	23.48	20.3		25.7		PASS
7	20	21350	18	#0	QPSK	23.20	20.3		25.7		PASS
7	20	21350	18	#Max	QPSK	23.50	20.3		25.7		PASS
1	5	18025	1	#0	QPSK	24.09	20.3		25.7		PASS
1	5	18025	1	#Max	QPSK	24.09	20.3		25.7		PASS
1	5	18025	8	#0	QPSK	24.18	20.3		25.7		PASS
1	5	18025	8	#Max	QPSK	24.20	20.3		25.7		PASS
1	5	18300	1	#0	QPSK	23.95	20.3		25.7		PASS
1	5	18300	1	#Max	QPSK	23.85	20.3		25.7		PASS
1	5	18300	8	#0	QPSK	24.00	20.3		25.7		PASS
1	5	18300	8	#Max	QPSK	24.03	20.3		25.7		PASS
1	5	18575	1	#0	QPSK	24.23	20.3		25.7		PASS
1	5	18575	1	#Max	QPSK	24.24	20.3		25.7		PASS

1	5	18575	8	#0	QPSK	24.34	20.3	25.7	PASS
1	5	18575	8	#Max	QPSK	24.29	20.3	25.7	PASS
1	20	18100	1	#0	QPSK	24.03	20.3	25.7	PASS
1	20	18100	1	#Max	QPSK	24.01	20.3	25.7	PASS
1	20	18100	18	#0	QPSK	24.15	20.3	25.7	PASS
1	20	18100	18	#Max	QPSK	24.13	20.3	25.7	PASS
1	20	18300	1	#0	QPSK	24.11	20.3	25.7	PASS
1	20	18300	1	#Max	QPSK	23.80	20.3	25.7	PASS
1	20	18300	18	#0	QPSK	24.17	20.3	25.7	PASS
1	20	18300	18	#Max	QPSK	23.86	20.3	25.7	PASS
1	20	18500	1	#0	QPSK	23.72	20.3	25.7	PASS
1	20	18500	1	#Max	QPSK	24.11	20.3	25.7	PASS
1	20	18500	18	#0	QPSK	23.95	20.3	25.7	PASS
1	20	18500	18	#Max	QPSK	24.19	20.3	25.7	PASS
8	1.4	21457	1	#0	QPSK	24.28	20.3	25.7	PASS
8	1.4	21457	1	#Max	QPSK	24.26	20.3	25.7	PASS
8	1.4	21457	5	#0	QPSK	24.30	20.3	25.7	PASS
8	1.4	21457	5	#Max	QPSK	24.33	20.3	25.7	PASS
8	1.4	21625	1	#0	QPSK	23.46	20.3	25.7	PASS
8	1.4	21625	1	#Max	QPSK	23.44	20.3	25.7	PASS
8	1.4	21625	5	#0	QPSK	23.45	20.3	25.7	PASS
8	1.4	21625	5	#Max	QPSK	23.45	20.3	25.7	PASS
8	1.4	21793	1	#0	QPSK	23.70	20.3	25.7	PASS
8	1.4	21793	1	#Max	QPSK	23.76	20.3	25.7	PASS
8	1.4	21793	5	#0	QPSK	23.82	20.3	25.7	PASS
8	1.4	21793	5	#Max	QPSK	23.82	20.3	25.7	PASS
8	5	21475	1	#0	QPSK	24.49	20.3	25.7	PASS
8	5	21475	1	#Max	QPSK	24.12	20.3	25.7	PASS
8	5	21475	8	#0	QPSK	24.22	20.3	25.7	PASS
8	5	21475	8	#Max	QPSK	24.15	20.3	25.7	PASS
8	5	21625	1	#0	QPSK	23.44	20.3	25.7	PASS
8	5	21625	1	#Max	QPSK	23.32	20.3	25.7	PASS
8	5	21625	8	#0	QPSK	23.46	20.3	25.7	PASS
8	5	21625	8	#Max	QPSK	23.33	20.3	25.7	PASS
8	5	21775	1	#0	QPSK	23.52	20.3	25.7	PASS
8	5	21775	1	#Max	QPSK	23.69	20.3	25.7	PASS
8	5	21775	8	#0	QPSK	23.72	20.3	25.7	PASS
8	5	21775	8	#Max	QPSK	23.78	20.3	25.7	PASS
8	10	21500	1	#0	QPSK	24.83	20.3	25.7	PASS
8	10	21500	1	#Max	QPSK	24.40	20.3	25.7	PASS
8	10	21500	12	#0	QPSK	24.41	20.3	25.7	PASS
8	10	21500	12	#Max	QPSK	24.00	20.3	25.7	PASS
8	10	21625	1	#0	QPSK	23.53	20.3	25.7	PASS

8	10	21625	1	#Max	QPSK	23.39	20.3	25.7	PASS
8	10	21625	12	#0	QPSK	23.51	20.3	25.7	PASS
8	10	21625	12	#Max	QPSK	23.37	20.3	25.7	PASS
8	10	21750	1	#0	QPSK	23.40	20.3	25.7	PASS
8	10	21750	1	#Max	QPSK	23.87	20.3	25.7	PASS
8	10	21750	12	#0	QPSK	23.44	20.3	25.7	PASS
8	10	21750	12	#Max	QPSK	23.80	20.3	25.7	PASS
20	5	24175	1	#0	QPSK	24.19	20.3	25.7	PASS
20	5	24175	1	#Max	QPSK	24.11	20.3	25.7	PASS
20	5	24175	8	#0	QPSK	24.21	20.3	25.7	PASS
20	5	24175	8	#Max	QPSK	24.14	20.3	25.7	PASS
20	5	24300	1	#0	QPSK	23.78	20.3	25.7	PASS
20	5	24300	1	#Max	QPSK	23.66	20.3	25.7	PASS
20	5	24300	8	#0	QPSK	23.89	20.3	25.7	PASS
20	5	24300	8	#Max	QPSK	23.80	20.3	25.7	PASS
20	5	24425	1	#0	QPSK	23.67	20.3	25.7	PASS
20	5	24425	1	#Max	QPSK	23.71	20.3	25.7	PASS
20	5	24425	8	#0	QPSK	23.82	20.3	25.7	PASS
20	5	24425	8	#Max	QPSK	23.77	20.3	25.7	PASS
20	20	24250	1	#0	QPSK	23.97	20.3	25.7	PASS
20	20	24250	1	#Max	QPSK	23.63	20.3	25.7	PASS
20	20	24250	18	#0	QPSK	24.11	20.3	25.7	PASS
20	20	24250	18	#Max	QPSK	23.78	20.3	25.7	PASS
20	20	24300	1	#0	QPSK	23.88	20.3	25.7	PASS
20	20	24300	1	#Max	QPSK	23.69	20.3	25.7	PASS
20	20	24300	18	#0	QPSK	23.82	20.3	25.7	PASS
20	20	24300	18	#Max	QPSK	23.74	20.3	25.7	PASS
20	20	24350	1	#0	QPSK	23.69	20.3	25.7	PASS
20	20	24350	1	#Max	QPSK	23.62	20.3	25.7	PASS
20	20	24350	18	#0	QPSK	23.76	20.3	25.7	PASS
20	20	24350	18	#Max	QPSK	23.67	20.3	25.7	PASS
3	1.4	19207	1	#0	QPSK	22.28	20.3	25.7	PASS
3	1.4	19207	1	#Max	QPSK	22.26	20.3	25.7	PASS
3	1.4	19207	5	#0	QPSK	22.27	20.3	25.7	PASS
3	1.4	19207	5	#Max	QPSK	22.31	20.3	25.7	PASS
3	1.4	19575	1	#0	QPSK	22.25	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	22.29	20.3	25.7	PASS
3	1.4	19575	5	#Max	QPSK	22.26	20.3	25.7	PASS
3	1.4	19943	1	#0	QPSK	22.04	20.3	25.7	PASS
3	1.4	19943	1	#Max	QPSK	22.06	20.3	25.7	PASS
3	1.4	19943	5	#0	QPSK	22.03	20.3	25.7	PASS
3	1.4	19943	5	#Max	QPSK	22.08	20.3	25.7	PASS

3	5	19225	1	#0	QPSK	22.13	20.3	25.7	PASS
3	5	19225	1	#Max	QPSK	22.09	20.3	25.7	PASS
3	5	19225	8	#0	QPSK	22.16	20.3	25.7	PASS
3	5	19225	8	#Max	QPSK	22.14	20.3	25.7	PASS
3	5	19575	1	#0	QPSK	22.16	20.3	25.7	PASS
3	5	19575	1	#Max	QPSK	22.01	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	21.82	20.3	25.7	PASS
3	5	19925	1	#Max	QPSK	21.91	20.3	25.7	PASS
3	5	19925	8	#0	QPSK	21.99	20.3	25.7	PASS
3	5	19925	8	#Max	QPSK	21.90	20.3	25.7	PASS
3	20	19300	1	#0	QPSK	22.01	20.3	25.7	PASS
3	20	19300	1	#Max	QPSK	21.90	20.3	25.7	PASS
3	20	19300	18	#0	QPSK	22.12	20.3	25.7	PASS
3	20	19300	18	#Max	QPSK	22.08	20.3	25.7	PASS
3	20	19575	1	#0	QPSK	22.18	20.3	25.7	PASS
3	20	19575	1	#Max	QPSK	21.75	20.3	25.7	PASS
3	20	19575	18	#0	QPSK	22.25	20.3	25.7	PASS
3	20	19575	18	#Max	QPSK	21.84	20.3	25.7	PASS
3	20	19850	1	#0	QPSK	21.26	20.3	25.7	PASS
3	20	19850	1	#Max	QPSK	21.80	20.3	25.7	PASS
3	20	19850	18	#0	QPSK	21.39	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	-50.08	-39	PASS
3	1.4	19575	6	#0	QPSK	-49.24	-39	PASS
3	1.4	19943	6	#0	QPSK	-50.06	-39	PASS
3	5	19225	25	#0	QPSK	-49.77	-39	PASS
3	5	19575	25	#0	QPSK	-48.95	-39	PASS
3	5	19925	25	#0	QPSK	-49.64	-39	PASS
3	20	19300	100	#0	QPSK	-49.30	-39	PASS
3	20	19575	100	#0	QPSK	-48.76	-39	PASS
3	20	19850	100	#0	QPSK	-48.56	-39	PASS
7	5	20775	25	#0	QPSK	-50.13	-39	PASS
7	5	21100	25	#0	QPSK	-49.62	-39	PASS
7	5	21425	25	#0	QPSK	-49.22	-39	PASS
7	20	20850	100	#0	QPSK	-48.67	-39	PASS
7	20	21100	100	#0	QPSK	-48.57	-39	PASS
7	20	21350	100	#0	QPSK	-48.48	-39	PASS
8	1.4	21457	6	#0	QPSK	-49.74	-39	PASS

8	1.4	21625	6	#0	QPSK	-49.90	-39	PASS
8	1.4	21793	6	#0	QPSK	-49.67	-39	PASS
8	5	21475	25	#0	QPSK	-49.69	-39	PASS
8	5	21625	25	#0	QPSK	-49.71	-39	PASS
8	5	21775	25	#0	QPSK	-49.77	-39	PASS
8	10	21500	50	#0	QPSK	-49.85	-39	PASS
8	10	21625	50	#0	QPSK	-49.47	-39	PASS
8	10	21750	50	#0	QPSK	-49.29	-39	PASS
20	5	24175	25	#0	QPSK	-50.19	-39	PASS
20	5	24300	25	#0	QPSK	-49.90	-39	PASS
20	5	24425	25	#0	QPSK	-50.02	-39	PASS
20	20	24250	100	#0	QPSK	-49.78	-39	PASS
20	20	24300	100	#0	QPSK	-49.27	-39	PASS
20	20	24350	100	#0	QPSK	-49.35	-39	PASS
1	5	18025	25	#0	QPSK	-49.24	-39	PASS
1	5	18300	25	#0	QPSK	-48.80	-39	PASS
1	5	18575	25	#0	QPSK	-48.94	-39	PASS
1	20	18100	100	#0	QPSK	-49.52	-39	PASS
1	20	18300	100	#0	QPSK	-48.07	-39	PASS
1	20	18500	100	#0	QPSK	-48.02	-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		42.62	32.2	PASS
3	1.4	19207	5	#0	QPSK		37.33	29.2	PASS
3	1.4	19207	5	#0	QPSK		0.00	0	PASS
3	1.4	19207	5	#0	QPSK		39.57	29.2	PASS
3	1.4	19207	5	#0	QPSK		45.05	32.2	PASS
3	1.4	19207	5	#Max	QPSK		44.84	32.2	PASS
3	1.4	19207	5	#Max	QPSK		39.35	29.2	PASS
3	1.4	19207	5	#Max	QPSK		0.00	0	PASS
3	1.4	19207	5	#Max	QPSK		36.68	29.2	PASS
3	1.4	19207	5	#Max	QPSK		42.26	32.2	PASS
3	1.4	19207	6	#0	QPSK		43.89	32.2	PASS
3	1.4	19207	6	#0	QPSK		41.03	29.2	PASS
3	1.4	19207	6	#0	QPSK		0.00	0	PASS
3	1.4	19207	6	#0	QPSK		40.96	29.2	PASS
3	1.4	19207	6	#0	QPSK		43.67	32.2	PASS
3	1.4	19207	5	#0	QAM16		43.56	32.2	PASS
3	1.4	19207	5	#0	QAM16		38.49	29.2	PASS
3	1.4	19207	5	#0	QAM16		0.00	0	PASS
3	1.4	19207	5	#0	QAM16		40.23	29.2	PASS
3	1.4	19207	5	#0	QAM16		45.46	32.2	PASS

3	1.4	19207	5	#Max	QAM16		45.78	32.2	PASS
3	1.4	19207	5	#Max	QAM16		41.05	29.2	PASS
3	1.4	19207	5	#Max	QAM16		0.00	0	PASS
3	1.4	19207	5	#Max	QAM16		37.86	29.2	PASS
3	1.4	19207	5	#Max	QAM16		43.02	32.2	PASS
3	1.4	19207	6	#0	QAM16		45.36	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		42.83	29.2	PASS
3	1.4	19207	6	#0	QAM16		45.17	32.2	PASS
3	1.4	19575	5	#0	QPSK		45.93	32.2	PASS
3	1.4	19575	5	#0	QPSK		42.40	29.2	PASS
3	1.4	19575	5	#0	QPSK		0.00	0	PASS
3	1.4	19575	5	#0	QPSK		44.07	29.2	PASS
3	1.4	19575	5	#0	QPSK		47.81	32.2	PASS
3	1.4	19575	5	#Max	QPSK		47.54	32.2	PASS
3	1.4	19575	5	#Max	QPSK		43.76	29.2	PASS
3	1.4	19575	5	#Max	QPSK		0.00	0	PASS
3	1.4	19575	5	#Max	QPSK		42.16	29.2	PASS
3	1.4	19575	5	#Max	QPSK		45.98	32.2	PASS
3	1.4	19575	6	#0	QPSK		47.54	32.2	PASS
3	1.4	19575	6	#0	QPSK		46.46	29.2	PASS
3	1.4	19575	6	#0	QPSK		0.00	0	PASS
3	1.4	19575	6	#0	QPSK		46.35	29.2	PASS
3	1.4	19575	6	#0	QPSK		47.53	32.2	PASS
3	1.4	19575	5	#0	QAM16		47.79	32.2	PASS
3	1.4	19575	5	#0	QAM16		45.02	29.2	PASS
3	1.4	19575	5	#0	QAM16		0.00	0	PASS
3	1.4	19575	5	#0	QAM16		46.62	29.2	PASS
3	1.4	19575	5	#0	QAM16		48.82	32.2	PASS
3	1.4	19575	5	#Max	QAM16		48.97	32.2	PASS
3	1.4	19575	5	#Max	QAM16		46.44	29.2	PASS
3	1.4	19575	5	#Max	QAM16		0.00	0	PASS
3	1.4	19575	5	#Max	QAM16		44.95	29.2	PASS
3	1.4	19575	5	#Max	QAM16		47.77	32.2	PASS
3	1.4	19575	6	#0	QAM16		47.80	32.2	PASS
3	1.4	19575	6	#0	QAM16		46.66	29.2	PASS
3	1.4	19575	6	#0	QAM16		0.00	0	PASS
3	1.4	19575	6	#0	QAM16		46.42	29.2	PASS
3	1.4	19575	6	#0	QAM16		47.76	32.2	PASS
3	1.4	19943	5	#0	QPSK		41.08	32.2	PASS
3	1.4	19943	5	#0	QPSK		34.93	29.2	PASS
3	1.4	19943	5	#0	QPSK		0.00	0	PASS

3	1.4	19943	5	#0	QPSK		38.19	29.2	PASS
3	1.4	19943	5	#0	QPSK		44.53	32.2	PASS
3	1.4	19943	5	#Max	QPSK		43.93	32.2	PASS
3	1.4	19943	5	#Max	QPSK		37.74	29.2	PASS
3	1.4	19943	5	#Max	QPSK		0.00	0	PASS
3	1.4	19943	5	#Max	QPSK		35.09	29.2	PASS
3	1.4	19943	5	#Max	QPSK		41.51	32.2	PASS
3	1.4	19943	6	#0	QPSK		44.60	32.2	PASS
3	1.4	19943	6	#0	QPSK		41.46	29.2	PASS
3	1.4	19943	6	#0	QPSK		0.00	0	PASS
3	1.4	19943	6	#0	QPSK		42.34	29.2	PASS
3	1.4	19943	6	#0	QPSK		45.94	32.2	PASS
3	1.4	19943	5	#0	QAM16		43.55	32.2	PASS
3	1.4	19943	5	#0	QAM16		37.72	29.2	PASS
3	1.4	19943	5	#0	QAM16		0.00	0	PASS
3	1.4	19943	5	#0	QAM16		41.49	29.2	PASS
3	1.4	19943	5	#0	QAM16		46.82	32.2	PASS
3	1.4	19943	5	#Max	QAM16		45.96	32.2	PASS
3	1.4	19943	5	#Max	QAM16		40.81	29.2	PASS
3	1.4	19943	5	#Max	QAM16		0.00	0	PASS
3	1.4	19943	5	#Max	QAM16		38.45	29.2	PASS
3	1.4	19943	5	#Max	QAM16		44.38	32.2	PASS
3	1.4	19943	6	#0	QAM16		46.54	32.2	PASS
3	1.4	19943	6	#0	QAM16		44.47	29.2	PASS
3	1.4	19943	6	#0	QAM16		0.00	0	PASS
3	1.4	19943	6	#0	QAM16		44.92	29.2	PASS
3	1.4	19943	6	#0	QAM16		47.33	32.2	PASS
3	5	19225	8	#0	QPSK		52.31	35.2	PASS
3	5	19225	8	#0	QPSK		41.27	32.2	PASS
3	5	19225	8	#0	QPSK		39.11	29.2	PASS
3	5	19225	8	#0	QPSK		0.00	0	PASS
3	5	19225	8	#0	QPSK		46.58	29.2	PASS
3	5	19225	8	#0	QPSK		46.99	32.2	PASS
3	5	19225	8	#0	QPSK		52.78	35.2	PASS
3	5	19225	8	#Max	QPSK		52.37	35.2	PASS
3	5	19225	8	#Max	QPSK		46.66	32.2	PASS
3	5	19225	8	#Max	QPSK		46.28	29.2	PASS
3	5	19225	8	#Max	QPSK		0.00	0	PASS
3	5	19225	8	#Max	QPSK		37.62	29.2	PASS
3	5	19225	8	#Max	QPSK		39.98	32.2	PASS
3	5	19225	8	#Max	QPSK		52.62	35.2	PASS
3	5	19225	25	#0	QPSK		50.24	35.2	PASS
3	5	19225	25	#0	QPSK		41.16	32.2	PASS

3	5	19225	25	#0	QPSK		40.37	29.2	PASS
3	5	19225	25	#0	QPSK		0.00	0	PASS
3	5	19225	25	#0	QPSK		40.11	29.2	PASS
3	5	19225	25	#0	QPSK		40.91	32.2	PASS
3	5	19225	25	#0	QPSK		50.48	35.2	PASS
3	5	19225	8	#0	QAM16		51.40	35.2	PASS
3	5	19225	8	#0	QAM16		43.48	32.2	PASS
3	5	19225	8	#0	QAM16		41.30	29.2	PASS
3	5	19225	8	#0	QAM16		0.00	0	PASS
3	5	19225	8	#0	QAM16		46.60	29.2	PASS
3	5	19225	8	#0	QAM16		47.01	32.2	PASS
3	5	19225	8	#0	QAM16		51.84	35.2	PASS
3	5	19225	8	#Max	QAM16		51.37	35.2	PASS
3	5	19225	8	#Max	QAM16		46.82	32.2	PASS
3	5	19225	8	#Max	QAM16		46.40	29.2	PASS
3	5	19225	8	#Max	QAM16		0.00	0	PASS
3	5	19225	8	#Max	QAM16		40.70	29.2	PASS
3	5	19225	8	#Max	QAM16		42.96	32.2	PASS
3	5	19225	8	#Max	QAM16		51.73	35.2	PASS
3	5	19225	25	#0	QAM16		49.85	35.2	PASS
3	5	19225	25	#0	QAM16		42.53	32.2	PASS
3	5	19225	25	#0	QAM16		41.68	29.2	PASS
3	5	19225	25	#0	QAM16		0.00	0	PASS
3	5	19225	25	#0	QAM16		41.40	29.2	PASS
3	5	19225	25	#0	QAM16		42.23	32.2	PASS
3	5	19225	25	#0	QAM16		50.08	35.2	PASS
3	5	19575	8	#0	QPSK		53.46	35.2	PASS
3	5	19575	8	#0	QPSK		44.39	32.2	PASS
3	5	19575	8	#0	QPSK		42.39	29.2	PASS
3	5	19575	8	#0	QPSK		0.00	0	PASS
3	5	19575	8	#0	QPSK		47.02	29.2	PASS
3	5	19575	8	#0	QPSK		47.36	32.2	PASS
3	5	19575	8	#0	QPSK		53.93	35.2	PASS
3	5	19575	8	#Max	QPSK		53.47	35.2	PASS
3	5	19575	8	#Max	QPSK		47.11	32.2	PASS
3	5	19575	8	#Max	QPSK		46.73	29.2	PASS
3	5	19575	8	#Max	QPSK		0.00	0	PASS
3	5	19575	8	#Max	QPSK		43.27	29.2	PASS
3	5	19575	8	#Max	QPSK		45.43	32.2	PASS
3	5	19575	8	#Max	QPSK		53.74	35.2	PASS
3	5	19575	25	#0	QPSK		51.73	35.2	PASS
3	5	19575	25	#0	QPSK		45.96	32.2	PASS
3	5	19575	25	#0	QPSK		45.06	29.2	PASS

3	5	19575	25	#0	QPSK		0.00	0	PASS
3	5	19575	25	#0	QPSK		45.02	29.2	PASS
3	5	19575	25	#0	QPSK		45.95	32.2	PASS
3	5	19575	25	#0	QPSK		52.27	35.2	PASS
3	5	19575	8	#0	QAM16		52.54	35.2	PASS
3	5	19575	8	#0	QAM16		45.22	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		47.08	29.2	PASS
3	5	19575	8	#0	QAM16		47.48	32.2	PASS
3	5	19575	8	#0	QAM16		52.94	35.2	PASS
3	5	19575	8	#Max	QAM16		52.54	35.2	PASS
3	5	19575	8	#Max	QAM16		47.24	32.2	PASS
3	5	19575	8	#Max	QAM16		46.84	29.2	PASS
3	5	19575	8	#Max	QAM16		0.00	0	PASS
3	5	19575	8	#Max	QAM16		44.04	29.2	PASS
3	5	19575	8	#Max	QAM16		46.22	32.2	PASS
3	5	19575	8	#Max	QAM16		52.77	35.2	PASS
3	5	19575	25	#0	QAM16		50.93	35.2	PASS
3	5	19575	25	#0	QAM16		44.99	32.2	PASS
3	5	19575	25	#0	QAM16		44.01	29.2	PASS
3	5	19575	25	#0	QAM16		0.00	0	PASS
3	5	19575	25	#0	QAM16		44.14	29.2	PASS
3	5	19575	25	#0	QAM16		45.06	32.2	PASS
3	5	19575	25	#0	QAM16		51.40	35.2	PASS
3	5	19925	8	#0	QPSK		53.31	35.2	PASS
3	5	19925	8	#0	QPSK		38.50	32.2	PASS
3	5	19925	8	#0	QPSK		35.67	29.2	PASS
3	5	19925	8	#0	QPSK		0.00	0	PASS
3	5	19925	8	#0	QPSK		49.02	29.2	PASS
3	5	19925	8	#0	QPSK		49.49	32.2	PASS
3	5	19925	8	#0	QPSK		53.92	35.2	PASS
3	5	19925	8	#Max	QPSK		53.48	35.2	PASS
3	5	19925	8	#Max	QPSK		45.48	32.2	PASS
3	5	19925	8	#Max	QPSK		45.14	29.2	PASS
3	5	19925	8	#Max	QPSK		0.00	0	PASS
3	5	19925	8	#Max	QPSK		36.46	29.2	PASS
3	5	19925	8	#Max	QPSK		39.58	32.2	PASS
3	5	19925	8	#Max	QPSK		53.60	35.2	PASS
3	5	19925	25	#0	QPSK		50.82	35.2	PASS
3	5	19925	25	#0	QPSK		39.35	32.2	PASS
3	5	19925	25	#0	QPSK		38.57	29.2	PASS
3	5	19925	25	#0	QPSK		0.00	0	PASS

3	5	19925	25	#0	QPSK		40.58	29.2	PASS
3	5	19925	25	#0	QPSK		41.49	32.2	PASS
3	5	19925	25	#0	QPSK		52.29	35.2	PASS
3	5	19925	8	#0	QAM16		52.55	35.2	PASS
3	5	19925	8	#0	QAM16		42.18	32.2	PASS
3	5	19925	8	#0	QAM16		39.66	29.2	PASS
3	5	19925	8	#0	QAM16		0.00	0	PASS
3	5	19925	8	#0	QAM16		48.90	29.2	PASS
3	5	19925	8	#0	QAM16		49.40	32.2	PASS
3	5	19925	8	#0	QAM16		52.88	35.2	PASS
3	5	19925	8	#Max	QAM16		52.45	35.2	PASS
3	5	19925	8	#Max	QAM16		45.84	32.2	PASS
3	5	19925	8	#Max	QAM16		45.48	29.2	PASS
3	5	19925	8	#Max	QAM16		0.00	0	PASS
3	5	19925	8	#Max	QAM16		40.32	29.2	PASS
3	5	19925	8	#Max	QAM16		43.20	32.2	PASS
3	5	19925	8	#Max	QAM16		52.72	35.2	PASS
3	5	19925	25	#0	QAM16		50.27	35.2	PASS
3	5	19925	25	#0	QAM16		40.83	32.2	PASS
3	5	19925	25	#0	QAM16		40.07	29.2	PASS
3	5	19925	25	#0	QAM16		0.00	0	PASS
3	5	19925	25	#0	QAM16		42.03	29.2	PASS
3	5	19925	25	#0	QAM16		42.88	32.2	PASS
3	5	19925	25	#0	QAM16		51.48	35.2	PASS
3	10	19250	12	#0	QPSK		53.73	35.2	PASS
3	10	19250	12	#0	QPSK		40.42	32.2	PASS
3	10	19250	12	#0	QPSK		39.82	29.2	PASS
3	10	19250	12	#0	QPSK		0.00	0	PASS
3	10	19250	12	#0	QPSK		45.79	29.2	PASS
3	10	19250	12	#0	QPSK		50.48	32.2	PASS
3	10	19250	12	#0	QPSK		49.72	35.2	PASS
3	10	19250	12	#Max	QPSK		51.12	35.2	PASS
3	10	19250	12	#Max	QPSK		50.86	32.2	PASS
3	10	19250	12	#Max	QPSK		46.85	29.2	PASS
3	10	19250	12	#Max	QPSK		0.00	0	PASS
3	10	19250	12	#Max	QPSK		41.58	29.2	PASS
3	10	19250	12	#Max	QPSK		42.24	32.2	PASS
3	10	19250	12	#Max	QPSK		54.26	35.2	PASS
3	10	19250	50	#0	QPSK		46.95	35.2	PASS
3	10	19250	50	#0	QPSK		44.54	32.2	PASS
3	10	19250	50	#0	QPSK		41.93	29.2	PASS
3	10	19250	50	#0	QPSK		0.00	0	PASS
3	10	19250	50	#0	QPSK		41.58	29.2	PASS

3	10	19250	50	#0	QPSK		44.02	32.2	PASS
3	10	19250	50	#0	QPSK		46.98	35.2	PASS
3	10	19250	12	#0	QAM16		52.96	35.2	PASS
3	10	19250	12	#0	QAM16		41.75	32.2	PASS
3	10	19250	12	#0	QAM16		41.03	29.2	PASS
3	10	19250	12	#0	QAM16		0.00	0	PASS
3	10	19250	12	#0	QAM16		45.73	29.2	PASS
3	10	19250	12	#0	QAM16		50.23	32.2	PASS
3	10	19250	12	#0	QAM16		49.72	35.2	PASS
3	10	19250	12	#Max	QAM16		50.85	35.2	PASS
3	10	19250	12	#Max	QAM16		50.65	32.2	PASS
3	10	19250	12	#Max	QAM16		46.67	29.2	PASS
3	10	19250	12	#Max	QAM16		0.00	0	PASS
3	10	19250	12	#Max	QAM16		42.51	29.2	PASS
3	10	19250	12	#Max	QAM16		43.38	32.2	PASS
3	10	19250	12	#Max	QAM16		53.42	35.2	PASS
3	10	19250	50	#0	QAM16		46.84	35.2	PASS
3	10	19250	50	#0	QAM16		42.96	32.2	PASS
3	10	19250	50	#0	QAM16		40.84	29.2	PASS
3	10	19250	50	#0	QAM16		0.00	0	PASS
3	10	19250	50	#0	QAM16		40.51	29.2	PASS
3	10	19250	50	#0	QAM16		42.54	32.2	PASS
3	10	19250	50	#0	QAM16		46.77	35.2	PASS
3	10	19575	12	#0	QPSK		52.93	35.2	PASS
3	10	19575	12	#0	QPSK		43.32	32.2	PASS
3	10	19575	12	#0	QPSK		42.52	29.2	PASS
3	10	19575	12	#0	QPSK		0.00	0	PASS
3	10	19575	12	#0	QPSK		45.93	29.2	PASS
3	10	19575	12	#0	QPSK		50.29	32.2	PASS
3	10	19575	12	#0	QPSK		50.03	35.2	PASS
3	10	19575	12	#Max	QPSK		50.12	35.2	PASS
3	10	19575	12	#Max	QPSK		50.20	32.2	PASS
3	10	19575	12	#Max	QPSK		46.00	29.2	PASS
3	10	19575	12	#Max	QPSK		0.00	0	PASS
3	10	19575	12	#Max	QPSK		44.44	29.2	PASS
3	10	19575	12	#Max	QPSK		45.42	32.2	PASS
3	10	19575	12	#Max	QPSK		53.47	35.2	PASS
3	10	19575	50	#0	QPSK		48.12	35.2	PASS
3	10	19575	50	#0	QPSK		45.86	32.2	PASS
3	10	19575	50	#0	QPSK		43.15	29.2	PASS
3	10	19575	50	#0	QPSK		0.00	0	PASS
3	10	19575	50	#0	QPSK		43.67	29.2	PASS
3	10	19575	50	#0	QPSK		46.15	32.2	PASS

3	10	19575	50	#0	QPSK		49.06	35.2	PASS
3	10	19575	12	#0	QAM16		52.16	35.2	PASS
3	10	19575	12	#0	QAM16		44.05	32.2	PASS
3	10	19575	12	#0	QAM16		42.92	29.2	PASS
3	10	19575	12	#0	QAM16		0.00	0	PASS
3	10	19575	12	#0	QAM16		45.84	29.2	PASS
3	10	19575	12	#0	QAM16		50.15	32.2	PASS
3	10	19575	12	#0	QAM16		49.93	35.2	PASS
3	10	19575	12	#Max	QAM16		49.86	35.2	PASS
3	10	19575	12	#Max	QAM16		49.83	32.2	PASS
3	10	19575	12	#Max	QAM16		45.74	29.2	PASS
3	10	19575	12	#Max	QAM16		0.00	0	PASS
3	10	19575	12	#Max	QAM16		44.31	29.2	PASS
3	10	19575	12	#Max	QAM16		45.59	32.2	PASS
3	10	19575	12	#Max	QAM16		52.63	35.2	PASS
3	10	19575	50	#0	QAM16		48.17	35.2	PASS
3	10	19575	50	#0	QAM16		45.69	32.2	PASS
3	10	19575	50	#0	QAM16		43.02	29.2	PASS
3	10	19575	50	#0	QAM16		0.00	0	PASS
3	10	19575	50	#0	QAM16		43.51	29.2	PASS
3	10	19575	50	#0	QAM16		45.94	32.2	PASS
3	10	19575	50	#0	QAM16		49.09	35.2	PASS
3	10	19900	12	#0	QPSK		52.99	35.2	PASS
3	10	19900	12	#0	QPSK		44.18	32.2	PASS
3	10	19900	12	#0	QPSK		43.26	29.2	PASS
3	10	19900	12	#0	QPSK		0.00	0	PASS
3	10	19900	12	#0	QPSK		47.22	29.2	PASS
3	10	19900	12	#0	QPSK		51.37	32.2	PASS
3	10	19900	12	#0	QPSK		51.34	35.2	PASS
3	10	19900	12	#Max	QPSK		49.94	35.2	PASS
3	10	19900	12	#Max	QPSK		49.45	32.2	PASS
3	10	19900	12	#Max	QPSK		45.60	29.2	PASS
3	10	19900	12	#Max	QPSK		0.00	0	PASS
3	10	19900	12	#Max	QPSK		38.96	29.2	PASS
3	10	19900	12	#Max	QPSK		39.60	32.2	PASS
3	10	19900	12	#Max	QPSK		53.58	35.2	PASS
3	10	19900	50	#0	QPSK		47.96	35.2	PASS
3	10	19900	50	#0	QPSK		44.78	32.2	PASS
3	10	19900	50	#0	QPSK		42.46	29.2	PASS
3	10	19900	50	#0	QPSK		0.00	0	PASS
3	10	19900	50	#0	QPSK		43.75	29.2	PASS
3	10	19900	50	#0	QPSK		45.79	32.2	PASS
3	10	19900	50	#0	QPSK		50.33	35.2	PASS

3	10	19900	12	#0	QAM16		52.07	35.2	PASS
3	10	19900	12	#0	QAM16		45.26	32.2	PASS
3	10	19900	12	#0	QAM16		43.92	29.2	PASS
3	10	19900	12	#0	QAM16		0.00	0	PASS
3	10	19900	12	#0	QAM16		46.88	29.2	PASS
3	10	19900	12	#0	QAM16		50.91	32.2	PASS
3	10	19900	12	#0	QAM16		51.09	35.2	PASS
3	10	19900	12	#Max	QAM16		49.59	35.2	PASS
3	10	19900	12	#Max	QAM16		49.50	32.2	PASS
3	10	19900	12	#Max	QAM16		45.44	29.2	PASS
3	10	19900	12	#Max	QAM16		0.00	0	PASS
3	10	19900	12	#Max	QAM16		40.42	29.2	PASS
3	10	19900	12	#Max	QAM16		41.36	32.2	PASS
3	10	19900	12	#Max	QAM16		52.71	35.2	PASS
3	10	19900	50	#0	QAM16		48.08	35.2	PASS
3	10	19900	50	#0	QAM16		44.80	32.2	PASS
3	10	19900	50	#0	QAM16		42.50	29.2	PASS
3	10	19900	50	#0	QAM16		0.00	0	PASS
3	10	19900	50	#0	QAM16		43.62	29.2	PASS
3	10	19900	50	#0	QAM16		45.66	32.2	PASS
3	10	19900	50	#0	QAM16		50.05	35.2	PASS
3	20	19300	18	#0	QPSK		50.68	35.2	PASS
3	20	19300	18	#0	QPSK		40.29	32.2	PASS
3	20	19300	18	#0	QPSK		40.35	29.2	PASS
3	20	19300	18	#0	QPSK		0.00	0	PASS
3	20	19300	18	#0	QPSK		42.90	29.2	PASS
3	20	19300	18	#0	QPSK		52.07	32.2	PASS
3	20	19300	18	#0	QPSK		51.06	35.2	PASS
3	20	19300	18	#Max	QPSK		50.82	35.2	PASS
3	20	19300	18	#Max	QPSK		51.48	32.2	PASS
3	20	19300	18	#Max	QPSK		44.38	29.2	PASS
3	20	19300	18	#Max	QPSK		0.00	0	PASS
3	20	19300	18	#Max	QPSK		42.99	29.2	PASS
3	20	19300	18	#Max	QPSK		44.68	32.2	PASS
3	20	19300	18	#Max	QPSK		51.51	35.2	PASS
3	20	19300	100	#0	QPSK		46.83	35.2	PASS
3	20	19300	100	#0	QPSK		45.69	32.2	PASS
3	20	19300	100	#0	QPSK		40.74	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		46.04	32.2	PASS
3	20	19300	100	#0	QPSK		47.27	35.2	PASS
3	20	19300	18	#0	QAM16		49.91	35.2	PASS

3	20	19300	18	#0	QAM16		41.82	32.2	PASS
3	20	19300	18	#0	QAM16		41.03	29.2	PASS
3	20	19300	18	#0	QAM16		0.00	0	PASS
3	20	19300	18	#0	QAM16		42.56	29.2	PASS
3	20	19300	18	#0	QAM16		51.14	32.2	PASS
3	20	19300	18	#0	QAM16		50.61	35.2	PASS
3	20	19300	18	#Max	QAM16		50.09	35.2	PASS
3	20	19300	18	#Max	QAM16		50.59	32.2	PASS
3	20	19300	18	#Max	QAM16		43.69	29.2	PASS
3	20	19300	18	#Max	QAM16		0.00	0	PASS
3	20	19300	18	#Max	QAM16		42.91	29.2	PASS
3	20	19300	18	#Max	QAM16		45.47	32.2	PASS
3	20	19300	18	#Max	QAM16		50.84	35.2	PASS
3	20	19300	100	#0	QAM16		46.54	35.2	PASS
3	20	19300	100	#0	QAM16		45.38	32.2	PASS
3	20	19300	100	#0	QAM16		40.48	29.2	PASS
3	20	19300	100	#0	QAM16		0.00	0	PASS
3	20	19300	100	#0	QAM16		40.39	29.2	PASS
3	20	19300	100	#0	QAM16		45.61	32.2	PASS
3	20	19300	100	#0	QAM16		46.57	35.2	PASS
3	20	19575	18	#0	QPSK		51.95	35.2	PASS
3	20	19575	18	#0	QPSK		42.78	32.2	PASS
3	20	19575	18	#0	QPSK		42.28	29.2	PASS
3	20	19575	18	#0	QPSK		0.00	0	PASS
3	20	19575	18	#0	QPSK		44.62	29.2	PASS
3	20	19575	18	#0	QPSK		53.33	32.2	PASS
3	20	19575	18	#0	QPSK		52.77	35.2	PASS
3	20	19575	18	#Max	QPSK		51.43	35.2	PASS
3	20	19575	18	#Max	QPSK		52.13	32.2	PASS
3	20	19575	18	#Max	QPSK		44.84	29.2	PASS
3	20	19575	18	#Max	QPSK		0.00	0	PASS
3	20	19575	18	#Max	QPSK		44.08	29.2	PASS
3	20	19575	18	#Max	QPSK		45.83	32.2	PASS
3	20	19575	18	#Max	QPSK		52.55	35.2	PASS
3	20	19575	100	#0	QPSK		48.43	35.2	PASS
3	20	19575	100	#0	QPSK		47.08	32.2	PASS
3	20	19575	100	#0	QPSK		42.17	29.2	PASS
3	20	19575	100	#0	QPSK		0.00	0	PASS
3	20	19575	100	#0	QPSK		42.80	29.2	PASS
3	20	19575	100	#0	QPSK		48.13	32.2	PASS
3	20	19575	100	#0	QPSK		49.34	35.2	PASS
3	20	19575	18	#0	QAM16		51.08	35.2	PASS
3	20	19575	18	#0	QAM16		43.77	32.2	PASS

3	20	19575	18	#0	QAM16		42.64	29.2	PASS
3	20	19575	18	#0	QAM16		0.00	0	PASS
3	20	19575	18	#0	QAM16		44.28	29.2	PASS
3	20	19575	18	#0	QAM16		52.49	32.2	PASS
3	20	19575	18	#0	QAM16		52.18	35.2	PASS
3	20	19575	18	#Max	QAM16		50.82	35.2	PASS
3	20	19575	18	#Max	QAM16		51.27	32.2	PASS
3	20	19575	18	#Max	QAM16		44.30	29.2	PASS
3	20	19575	18	#Max	QAM16		0.00	0	PASS
3	20	19575	18	#Max	QAM16		43.75	29.2	PASS
3	20	19575	18	#Max	QAM16		46.01	32.2	PASS
3	20	19575	18	#Max	QAM16		51.82	35.2	PASS
3	20	19575	100	#0	QAM16		47.50	35.2	PASS
3	20	19575	100	#0	QAM16		46.23	32.2	PASS
3	20	19575	100	#0	QAM16		41.41	29.2	PASS
3	20	19575	100	#0	QAM16		0.00	0	PASS
3	20	19575	100	#0	QAM16		42.04	29.2	PASS
3	20	19575	100	#0	QAM16		47.15	32.2	PASS
3	20	19575	100	#0	QAM16		48.53	35.2	PASS
3	20	19850	18	#0	QPSK		51.31	35.2	PASS
3	20	19850	18	#0	QPSK		49.14	32.2	PASS
3	20	19850	18	#0	QPSK		44.94	29.2	PASS
3	20	19850	18	#0	QPSK		0.00	0	PASS
3	20	19850	18	#0	QPSK		46.47	29.2	PASS
3	20	19850	18	#0	QPSK		52.99	32.2	PASS
3	20	19850	18	#0	QPSK		53.08	35.2	PASS
3	20	19850	18	#Max	QPSK		51.55	35.2	PASS
3	20	19850	18	#Max	QPSK		52.33	32.2	PASS
3	20	19850	18	#Max	QPSK		44.75	29.2	PASS
3	20	19850	18	#Max	QPSK		0.00	0	PASS
3	20	19850	18	#Max	QPSK		41.80	29.2	PASS
3	20	19850	18	#Max	QPSK		41.26	32.2	PASS
3	20	19850	18	#Max	QPSK		52.89	35.2	PASS
3	20	19850	100	#0	QPSK		49.18	35.2	PASS
3	20	19850	100	#0	QPSK		48.49	32.2	PASS
3	20	19850	100	#0	QPSK		43.17	29.2	PASS
3	20	19850	100	#0	QPSK		0.00	0	PASS
3	20	19850	100	#0	QPSK		44.74	29.2	PASS
3	20	19850	100	#0	QPSK		49.48	32.2	PASS
3	20	19850	100	#0	QPSK		51.49	35.2	PASS
3	20	19850	18	#0	QAM16		50.48	35.2	PASS
3	20	19850	18	#0	QAM16		48.16	32.2	PASS
3	20	19850	18	#0	QAM16		44.05	29.2	PASS

3	20	19850	18	#0	QAM16		0.00	0	PASS
3	20	19850	18	#0	QAM16		45.52	29.2	PASS
3	20	19850	18	#0	QAM16		52.02	32.2	PASS
3	20	19850	18	#0	QAM16		52.18	35.2	PASS
3	20	19850	18	#Max	QAM16		50.77	35.2	PASS
3	20	19850	18	#Max	QAM16		51.33	32.2	PASS
3	20	19850	18	#Max	QAM16		44.15	29.2	PASS
3	20	19850	18	#Max	QAM16		0.00	0	PASS
3	20	19850	18	#Max	QAM16		42.64	29.2	PASS
3	20	19850	18	#Max	QAM16		43.11	32.2	PASS
3	20	19850	18	#Max	QAM16		52.11	35.2	PASS
3	20	19850	100	#0	QAM16		48.52	35.2	PASS
3	20	19850	100	#0	QAM16		47.82	32.2	PASS
3	20	19850	100	#0	QAM16		42.52	29.2	PASS
3	20	19850	100	#0	QAM16		0.00	0	PASS
3	20	19850	100	#0	QAM16		43.84	29.2	PASS
3	20	19850	100	#0	QAM16		48.81	32.2	PASS
3	20	19850	100	#0	QAM16		50.51	35.2	PASS
7	5	20775	8	#0	QPSK		53.46	35.2	PASS
7	5	20775	8	#0	QPSK		37.87	32.2	PASS
7	5	20775	8	#0	QPSK		34.85	29.2	PASS
7	5	20775	8	#0	QPSK		0.00	0	PASS
7	5	20775	8	#0	QPSK		46.36	29.2	PASS
7	5	20775	8	#0	QPSK		46.65	32.2	PASS
7	5	20775	8	#0	QPSK		54.11	35.2	PASS
7	5	20775	8	#Max	QPSK		53.53	35.2	PASS
7	5	20775	8	#Max	QPSK		46.99	32.2	PASS
7	5	20775	8	#Max	QPSK		46.67	29.2	PASS
7	5	20775	8	#Max	QPSK		0.00	0	PASS
7	5	20775	8	#Max	QPSK		36.34	29.2	PASS
7	5	20775	8	#Max	QPSK		39.12	32.2	PASS
7	5	20775	8	#Max	QPSK		53.67	35.2	PASS
7	5	20775	25	#0	QPSK		51.27	35.2	PASS
7	5	20775	25	#0	QPSK		40.28	32.2	PASS
7	5	20775	25	#0	QPSK		39.49	29.2	PASS
7	5	20775	25	#0	QPSK		0.00	0	PASS
7	5	20775	25	#0	QPSK		39.26	29.2	PASS
7	5	20775	25	#0	QPSK		40.05	32.2	PASS
7	5	20775	25	#0	QPSK		51.13	35.2	PASS
7	5	20775	8	#0	QAM16		52.24	35.2	PASS
7	5	20775	8	#0	QAM16		41.92	32.2	PASS
7	5	20775	8	#0	QAM16		39.59	29.2	PASS
7	5	20775	8	#0	QAM16		0.00	0	PASS

7	5	20775	8	#0	QAM16		46.68	29.2	PASS
7	5	20775	8	#0	QAM16		47.00	32.2	PASS
7	5	20775	8	#0	QAM16		52.74	35.2	PASS
7	5	20775	8	#Max	QAM16		52.10	35.2	PASS
7	5	20775	8	#Max	QAM16		47.40	32.2	PASS
7	5	20775	8	#Max	QAM16		47.02	29.2	PASS
7	5	20775	8	#Max	QAM16		0.00	0	PASS
7	5	20775	8	#Max	QAM16		41.45	29.2	PASS
7	5	20775	8	#Max	QAM16		43.59	32.2	PASS
7	5	20775	8	#Max	QAM16		52.36	35.2	PASS
7	5	20775	25	#0	QAM16		50.39	35.2	PASS
7	5	20775	25	#0	QAM16		42.55	32.2	PASS
7	5	20775	25	#0	QAM16		41.78	29.2	PASS
7	5	20775	25	#0	QAM16		0.00	0	PASS
7	5	20775	25	#0	QAM16		41.59	29.2	PASS
7	5	20775	25	#0	QAM16		42.34	32.2	PASS
7	5	20775	25	#0	QAM16		50.49	35.2	PASS
7	5	21100	8	#0	QPSK		53.29	35.2	PASS
7	5	21100	8	#0	QPSK		43.39	32.2	PASS
7	5	21100	8	#0	QPSK		41.65	29.2	PASS
7	5	21100	8	#0	QPSK		0.00	0	PASS
7	5	21100	8	#0	QPSK		46.86	29.2	PASS
7	5	21100	8	#0	QPSK		47.22	32.2	PASS
7	5	21100	8	#0	QPSK		53.73	35.2	PASS
7	5	21100	8	#Max	QPSK		53.31	35.2	PASS
7	5	21100	8	#Max	QPSK		47.20	32.2	PASS
7	5	21100	8	#Max	QPSK		46.86	29.2	PASS
7	5	21100	8	#Max	QPSK		0.00	0	PASS
7	5	21100	8	#Max	QPSK		41.30	29.2	PASS
7	5	21100	8	#Max	QPSK		43.17	32.2	PASS
7	5	21100	8	#Max	QPSK		53.65	35.2	PASS
7	5	21100	25	#0	QPSK		51.24	35.2	PASS
7	5	21100	25	#0	QPSK		43.60	32.2	PASS
7	5	21100	25	#0	QPSK		42.83	29.2	PASS
7	5	21100	25	#0	QPSK		0.00	0	PASS
7	5	21100	25	#0	QPSK		42.82	29.2	PASS
7	5	21100	25	#0	QPSK		43.60	32.2	PASS
7	5	21100	25	#0	QPSK		51.55	35.2	PASS
7	5	21100	8	#0	QAM16		52.31	35.2	PASS
7	5	21100	8	#0	QAM16		45.40	32.2	PASS
7	5	21100	8	#0	QAM16		43.76	29.2	PASS
7	5	21100	8	#0	QAM16		0.00	0	PASS
7	5	21100	8	#0	QAM16		46.96	29.2	PASS

7	5	21100	8	#0	QAM16		47.31	32.2	PASS
7	5	21100	8	#0	QAM16		52.82	35.2	PASS
7	5	21100	8	#Max	QAM16		52.34	35.2	PASS
7	5	21100	8	#Max	QAM16		47.40	32.2	PASS
7	5	21100	8	#Max	QAM16		47.03	29.2	PASS
7	5	21100	8	#Max	QAM16		0.00	0	PASS
7	5	21100	8	#Max	QAM16		44.09	29.2	PASS
7	5	21100	8	#Max	QAM16		45.82	32.2	PASS
7	5	21100	8	#Max	QAM16		52.70	35.2	PASS
7	5	21100	25	#0	QAM16		50.88	35.2	PASS
7	5	21100	25	#0	QAM16		44.50	32.2	PASS
7	5	21100	25	#0	QAM16		43.74	29.2	PASS
7	5	21100	25	#0	QAM16		0.00	0	PASS
7	5	21100	25	#0	QAM16		43.90	29.2	PASS
7	5	21100	25	#0	QAM16		44.66	32.2	PASS
7	5	21100	25	#0	QAM16		51.17	35.2	PASS
7	5	21425	8	#0	QPSK		53.19	35.2	PASS
7	5	21425	8	#0	QPSK		41.81	32.2	PASS
7	5	21425	8	#0	QPSK		39.61	29.2	PASS
7	5	21425	8	#0	QPSK		0.00	0	PASS
7	5	21425	8	#0	QPSK		46.44	29.2	PASS
7	5	21425	8	#0	QPSK		46.74	32.2	PASS
7	5	21425	8	#0	QPSK		53.73	35.2	PASS
7	5	21425	8	#Max	QPSK		53.33	35.2	PASS
7	5	21425	8	#Max	QPSK		46.42	32.2	PASS
7	5	21425	8	#Max	QPSK		46.10	29.2	PASS
7	5	21425	8	#Max	QPSK		0.00	0	PASS
7	5	21425	8	#Max	QPSK		41.42	29.2	PASS
7	5	21425	8	#Max	QPSK		43.50	32.2	PASS
7	5	21425	8	#Max	QPSK		53.62	35.2	PASS
7	5	21425	25	#0	QPSK		51.15	35.2	PASS
7	5	21425	25	#0	QPSK		44.07	32.2	PASS
7	5	21425	25	#0	QPSK		43.34	29.2	PASS
7	5	21425	25	#0	QPSK		0.00	0	PASS
7	5	21425	25	#0	QPSK		44.43	29.2	PASS
7	5	21425	25	#0	QPSK		45.21	32.2	PASS
7	5	21425	25	#0	QPSK		51.80	35.2	PASS
7	5	21425	8	#0	QAM16		52.21	35.2	PASS
7	5	21425	8	#0	QAM16		43.12	32.2	PASS
7	5	21425	8	#0	QAM16		41.02	29.2	PASS
7	5	21425	8	#0	QAM16		0.00	0	PASS
7	5	21425	8	#0	QAM16		46.42	29.2	PASS
7	5	21425	8	#0	QAM16		46.74	32.2	PASS

7	5	21425	8	#0	QAM16		52.77	35.2	PASS
7	5	21425	8	#Max	QAM16		52.41	35.2	PASS
7	5	21425	8	#Max	QAM16		46.58	32.2	PASS
7	5	21425	8	#Max	QAM16		46.26	29.2	PASS
7	5	21425	8	#Max	QAM16		0.00	0	PASS
7	5	21425	8	#Max	QAM16		42.55	29.2	PASS
7	5	21425	8	#Max	QAM16		44.69	32.2	PASS
7	5	21425	8	#Max	QAM16		52.75	35.2	PASS
7	5	21425	25	#0	QAM16		50.56	35.2	PASS
7	5	21425	25	#0	QAM16		43.67	32.2	PASS
7	5	21425	25	#0	QAM16		42.87	29.2	PASS
7	5	21425	25	#0	QAM16		0.00	0	PASS
7	5	21425	25	#0	QAM16		43.88	29.2	PASS
7	5	21425	25	#0	QAM16		44.69	32.2	PASS
7	5	21425	25	#0	QAM16		51.06	35.2	PASS
7	10	20800	12	#0	QPSK		52.59	35.2	PASS
7	10	20800	12	#0	QPSK		40.40	32.2	PASS
7	10	20800	12	#0	QPSK		39.70	29.2	PASS
7	10	20800	12	#0	QPSK		0.00	0	PASS
7	10	20800	12	#0	QPSK		45.39	29.2	PASS
7	10	20800	12	#0	QPSK		50.10	32.2	PASS
7	10	20800	12	#0	QPSK		49.20	35.2	PASS
7	10	20800	12	#Max	QPSK		49.94	35.2	PASS
7	10	20800	12	#Max	QPSK		50.45	32.2	PASS
7	10	20800	12	#Max	QPSK		46.03	29.2	PASS
7	10	20800	12	#Max	QPSK		0.00	0	PASS
7	10	20800	12	#Max	QPSK		42.46	29.2	PASS
7	10	20800	12	#Max	QPSK		43.33	32.2	PASS
7	10	20800	12	#Max	QPSK		53.05	35.2	PASS
7	10	20800	50	#0	QPSK		47.71	35.2	PASS
7	10	20800	50	#0	QPSK		45.54	32.2	PASS
7	10	20800	50	#0	QPSK		42.81	29.2	PASS
7	10	20800	50	#0	QPSK		0.00	0	PASS
7	10	20800	50	#0	QPSK		42.86	29.2	PASS
7	10	20800	50	#0	QPSK		45.68	32.2	PASS
7	10	20800	50	#0	QPSK		47.61	35.2	PASS
7	10	20800	12	#0	QAM16		51.76	35.2	PASS
7	10	20800	12	#0	QAM16		41.73	32.2	PASS
7	10	20800	12	#0	QAM16		40.88	29.2	PASS
7	10	20800	12	#0	QAM16		0.00	0	PASS
7	10	20800	12	#0	QAM16		45.16	29.2	PASS
7	10	20800	12	#0	QAM16		49.71	32.2	PASS
7	10	20800	12	#0	QAM16		49.03	35.2	PASS

7	10	20800	12	#Max	QAM16		49.62	35.2	PASS
7	10	20800	12	#Max	QAM16		50.09	32.2	PASS
7	10	20800	12	#Max	QAM16		45.79	29.2	PASS
7	10	20800	12	#Max	QAM16		0.00	0	PASS
7	10	20800	12	#Max	QAM16		43.27	29.2	PASS
7	10	20800	12	#Max	QAM16		44.41	32.2	PASS
7	10	20800	12	#Max	QAM16		52.22	35.2	PASS
7	10	20800	50	#0	QAM16		47.33	35.2	PASS
7	10	20800	50	#0	QAM16		43.91	32.2	PASS
7	10	20800	50	#0	QAM16		41.62	29.2	PASS
7	10	20800	50	#0	QAM16		0.00	0	PASS
7	10	20800	50	#0	QAM16		41.58	29.2	PASS
7	10	20800	50	#0	QAM16		43.97	32.2	PASS
7	10	20800	50	#0	QAM16		47.07	35.2	PASS
7	10	21100	12	#0	QPSK		53.62	35.2	PASS
7	10	21100	12	#0	QPSK		42.48	32.2	PASS
7	10	21100	12	#0	QPSK		41.79	29.2	PASS
7	10	21100	12	#0	QPSK		0.00	0	PASS
7	10	21100	12	#0	QPSK		45.86	29.2	PASS
7	10	21100	12	#0	QPSK		50.56	32.2	PASS
7	10	21100	12	#0	QPSK		49.82	35.2	PASS
7	10	21100	12	#Max	QPSK		49.73	35.2	PASS
7	10	21100	12	#Max	QPSK		50.80	32.2	PASS
7	10	21100	12	#Max	QPSK		45.96	29.2	PASS
7	10	21100	12	#Max	QPSK		0.00	0	PASS
7	10	21100	12	#Max	QPSK		42.36	29.2	PASS
7	10	21100	12	#Max	QPSK		43.02	32.2	PASS
7	10	21100	12	#Max	QPSK		54.18	35.2	PASS
7	10	21100	50	#0	QPSK		47.46	35.2	PASS
7	10	21100	50	#0	QPSK		45.04	32.2	PASS
7	10	21100	50	#0	QPSK		42.41	29.2	PASS
7	10	21100	50	#0	QPSK		0.00	0	PASS
7	10	21100	50	#0	QPSK		42.72	29.2	PASS
7	10	21100	50	#0	QPSK		45.16	32.2	PASS
7	10	21100	50	#0	QPSK		48.06	35.2	PASS
7	10	21100	12	#0	QAM16		52.74	35.2	PASS
7	10	21100	12	#0	QAM16		43.61	32.2	PASS
7	10	21100	12	#0	QAM16		42.59	29.2	PASS
7	10	21100	12	#0	QAM16		0.00	0	PASS
7	10	21100	12	#0	QAM16		45.88	29.2	PASS
7	10	21100	12	#0	QAM16		50.55	32.2	PASS
7	10	21100	12	#0	QAM16		49.82	35.2	PASS
7	10	21100	12	#Max	QAM16		49.71	35.2	PASS

7	10	21100	12	#Max	QAM16		50.48	32.2	PASS
7	10	21100	12	#Max	QAM16		45.89	29.2	PASS
7	10	21100	12	#Max	QAM16		0.00	0	PASS
7	10	21100	12	#Max	QAM16		42.97	29.2	PASS
7	10	21100	12	#Max	QAM16		43.92	32.2	PASS
7	10	21100	12	#Max	QAM16		53.37	35.2	PASS
7	10	21100	50	#0	QAM16		47.86	35.2	PASS
7	10	21100	50	#0	QAM16		45.36	32.2	PASS
7	10	21100	50	#0	QAM16		42.70	29.2	PASS
7	10	21100	50	#0	QAM16		0.00	0	PASS
7	10	21100	50	#0	QAM16		43.04	29.2	PASS
7	10	21100	50	#0	QAM16		45.56	32.2	PASS
7	10	21100	50	#0	QAM16		48.37	35.2	PASS
7	10	21400	12	#0	QPSK		53.22	35.2	PASS
7	10	21400	12	#0	QPSK		38.75	32.2	PASS
7	10	21400	12	#0	QPSK		38.22	29.2	PASS
7	10	21400	12	#0	QPSK		0.00	0	PASS
7	10	21400	12	#0	QPSK		46.26	29.2	PASS
7	10	21400	12	#0	QPSK		50.79	32.2	PASS
7	10	21400	12	#0	QPSK		50.15	35.2	PASS
7	10	21400	12	#Max	QPSK		49.04	35.2	PASS
7	10	21400	12	#Max	QPSK		50.07	32.2	PASS
7	10	21400	12	#Max	QPSK		45.25	29.2	PASS
7	10	21400	12	#Max	QPSK		0.00	0	PASS
7	10	21400	12	#Max	QPSK		41.95	29.2	PASS
7	10	21400	12	#Max	QPSK		42.66	32.2	PASS
7	10	21400	12	#Max	QPSK		54.24	35.2	PASS
7	10	21400	50	#0	QPSK		45.55	35.2	PASS
7	10	21400	50	#0	QPSK		43.12	32.2	PASS
7	10	21400	50	#0	QPSK		40.50	29.2	PASS
7	10	21400	50	#0	QPSK		0.00	0	PASS
7	10	21400	50	#0	QPSK		42.98	29.2	PASS
7	10	21400	50	#0	QPSK		45.33	32.2	PASS
7	10	21400	50	#0	QPSK		48.51	35.2	PASS
7	10	21400	12	#0	QAM16		52.47	35.2	PASS
7	10	21400	12	#0	QAM16		40.71	32.2	PASS
7	10	21400	12	#0	QAM16		39.91	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		50.60	32.2	PASS
7	10	21400	12	#0	QAM16		50.31	35.2	PASS
7	10	21400	12	#Max	QAM16		49.07	35.2	PASS
7	10	21400	12	#Max	QAM16		50.26	32.2	PASS

7	10	21400	12	#Max	QAM16		45.35	29.2	PASS
7	10	21400	12	#Max	QAM16		0.00	0	PASS
7	10	21400	12	#Max	QAM16		43.05	29.2	PASS
7	10	21400	12	#Max	QAM16		44.05	32.2	PASS
7	10	21400	12	#Max	QAM16		53.41	35.2	PASS
7	10	21400	50	#0	QAM16		46.05	35.2	PASS
7	10	21400	50	#0	QAM16		42.67	32.2	PASS
7	10	21400	50	#0	QAM16		40.35	29.2	PASS
7	10	21400	50	#0	QAM16		0.00	0	PASS
7	10	21400	50	#0	QAM16		42.63	29.2	PASS
7	10	21400	50	#0	QAM16		44.86	32.2	PASS
7	10	21400	50	#0	QAM16		48.47	35.2	PASS
7	20	20850	18	#0	QPSK		51.62	35.2	PASS
7	20	20850	18	#0	QPSK		41.21	32.2	PASS
7	20	20850	18	#0	QPSK		41.22	29.2	PASS
7	20	20850	18	#0	QPSK		0.00	0	PASS
7	20	20850	18	#0	QPSK		44.27	29.2	PASS
7	20	20850	18	#0	QPSK		52.83	32.2	PASS
7	20	20850	18	#0	QPSK		52.06	35.2	PASS
7	20	20850	18	#Max	QPSK		51.30	35.2	PASS
7	20	20850	18	#Max	QPSK		52.19	32.2	PASS
7	20	20850	18	#Max	QPSK		44.90	29.2	PASS
7	20	20850	18	#Max	QPSK		0.00	0	PASS
7	20	20850	18	#Max	QPSK		41.54	29.2	PASS
7	20	20850	18	#Max	QPSK		41.60	32.2	PASS
7	20	20850	18	#Max	QPSK		52.32	35.2	PASS
7	20	20850	100	#0	QPSK		47.86	35.2	PASS
7	20	20850	100	#0	QPSK		46.60	32.2	PASS
7	20	20850	100	#0	QPSK		41.98	29.2	PASS
7	20	20850	100	#0	QPSK		0.00	0	PASS
7	20	20850	100	#0	QPSK		41.12	29.2	PASS
7	20	20850	100	#0	QPSK		46.50	32.2	PASS
7	20	20850	100	#0	QPSK		47.64	35.2	PASS
7	20	20850	18	#0	QAM16		50.73	35.2	PASS
7	20	20850	18	#0	QAM16		42.59	32.2	PASS
7	20	20850	18	#0	QAM16		41.84	29.2	PASS
7	20	20850	18	#0	QAM16		0.00	0	PASS
7	20	20850	18	#0	QAM16		43.86	29.2	PASS
7	20	20850	18	#0	QAM16		51.90	32.2	PASS
7	20	20850	18	#0	QAM16		51.53	35.2	PASS
7	20	20850	18	#Max	QAM16		50.53	35.2	PASS
7	20	20850	18	#Max	QAM16		51.19	32.2	PASS
7	20	20850	18	#Max	QAM16		44.21	29.2	PASS

7	20	20850	18	#Max	QAM16		0.00	0	PASS
7	20	20850	18	#Max	QAM16		42.30	29.2	PASS
7	20	20850	18	#Max	QAM16		43.38	32.2	PASS
7	20	20850	18	#Max	QAM16		51.54	35.2	PASS
7	20	20850	100	#0	QAM16		47.33	35.2	PASS
7	20	20850	100	#0	QAM16		46.08	32.2	PASS
7	20	20850	100	#0	QAM16		41.41	29.2	PASS
7	20	20850	100	#0	QAM16		0.00	0	PASS
7	20	20850	100	#0	QAM16		40.86	29.2	PASS
7	20	20850	100	#0	QAM16		45.99	32.2	PASS
7	20	20850	100	#0	QAM16		47.26	35.2	PASS
7	20	21100	18	#0	QPSK		51.78	35.2	PASS
7	20	21100	18	#0	QPSK		43.23	32.2	PASS
7	20	21100	18	#0	QPSK		42.44	29.2	PASS
7	20	21100	18	#0	QPSK		0.00	0	PASS
7	20	21100	18	#0	QPSK		44.11	29.2	PASS
7	20	21100	18	#0	QPSK		53.04	32.2	PASS
7	20	21100	18	#0	QPSK		52.03	35.2	PASS
7	20	21100	18	#Max	QPSK		51.38	35.2	PASS
7	20	21100	18	#Max	QPSK		52.51	32.2	PASS
7	20	21100	18	#Max	QPSK		44.16	29.2	PASS
7	20	21100	18	#Max	QPSK		0.00	0	PASS
7	20	21100	18	#Max	QPSK		43.84	29.2	PASS
7	20	21100	18	#Max	QPSK		45.43	32.2	PASS
7	20	21100	18	#Max	QPSK		52.84	35.2	PASS
7	20	21100	100	#0	QPSK		47.58	35.2	PASS
7	20	21100	100	#0	QPSK		46.67	32.2	PASS
7	20	21100	100	#0	QPSK		41.49	29.2	PASS
7	20	21100	100	#0	QPSK		0.00	0	PASS
7	20	21100	100	#0	QPSK		42.64	29.2	PASS
7	20	21100	100	#0	QPSK		47.87	32.2	PASS
7	20	21100	100	#0	QPSK		49.12	35.2	PASS
7	20	21100	18	#0	QAM16		50.88	35.2	PASS
7	20	21100	18	#0	QAM16		43.70	32.2	PASS
7	20	21100	18	#0	QAM16		42.37	29.2	PASS
7	20	21100	18	#0	QAM16		0.00	0	PASS
7	20	21100	18	#0	QAM16		43.81	29.2	PASS
7	20	21100	18	#0	QAM16		52.09	32.2	PASS
7	20	21100	18	#0	QAM16		51.53	35.2	PASS
7	20	21100	18	#Max	QAM16		50.58	35.2	PASS
7	20	21100	18	#Max	QAM16		51.53	32.2	PASS
7	20	21100	18	#Max	QAM16		43.69	29.2	PASS
7	20	21100	18	#Max	QAM16		0.00	0	PASS

7	20	21100	18	#Max	QAM16		43.62	29.2	PASS
7	20	21100	18	#Max	QAM16		45.75	32.2	PASS
7	20	21100	18	#Max	QAM16		51.95	35.2	PASS
7	20	21100	100	#0	QAM16		47.26	35.2	PASS
7	20	21100	100	#0	QAM16		46.51	32.2	PASS
7	20	21100	100	#0	QAM16		41.27	29.2	PASS
7	20	21100	100	#0	QAM16		0.00	0	PASS
7	20	21100	100	#0	QAM16		42.38	29.2	PASS
7	20	21100	100	#0	QAM16		47.69	32.2	PASS
7	20	21100	100	#0	QAM16		48.71	35.2	PASS
7	20	21350	18	#0	QPSK		52.24	35.2	PASS
7	20	21350	18	#0	QPSK		41.38	32.2	PASS
7	20	21350	18	#0	QPSK		41.57	29.2	PASS
7	20	21350	18	#0	QPSK		0.00	0	PASS
7	20	21350	18	#0	QPSK		45.68	29.2	PASS
7	20	21350	18	#0	QPSK		53.79	32.2	PASS
7	20	21350	18	#0	QPSK		53.16	35.2	PASS
7	20	21350	18	#Max	QPSK		51.78	35.2	PASS
7	20	21350	18	#Max	QPSK		53.25	32.2	PASS
7	20	21350	18	#Max	QPSK		44.08	29.2	PASS
7	20	21350	18	#Max	QPSK		0.00	0	PASS
7	20	21350	18	#Max	QPSK		43.17	29.2	PASS
7	20	21350	18	#Max	QPSK		43.30	32.2	PASS
7	20	21350	18	#Max	QPSK		53.55	35.2	PASS
7	20	21350	100	#0	QPSK		45.62	35.2	PASS
7	20	21350	100	#0	QPSK		44.44	32.2	PASS
7	20	21350	100	#0	QPSK		39.48	29.2	PASS
7	20	21350	100	#0	QPSK		0.00	0	PASS
7	20	21350	100	#0	QPSK		41.67	29.2	PASS
7	20	21350	100	#0	QPSK		46.02	32.2	PASS
7	20	21350	100	#0	QPSK		47.78	35.2	PASS
7	20	21350	18	#0	QAM16		51.48	35.2	PASS
7	20	21350	18	#0	QAM16		42.93	32.2	PASS
7	20	21350	18	#0	QAM16		42.27	29.2	PASS
7	20	21350	18	#0	QAM16		0.00	0	PASS
7	20	21350	18	#0	QAM16		45.16	29.2	PASS
7	20	21350	18	#0	QAM16		52.77	32.2	PASS
7	20	21350	18	#0	QAM16		52.60	35.2	PASS
7	20	21350	18	#Max	QAM16		51.24	35.2	PASS
7	20	21350	18	#Max	QAM16		52.28	32.2	PASS
7	20	21350	18	#Max	QAM16		43.85	29.2	PASS
7	20	21350	18	#Max	QAM16		0.00	0	PASS
7	20	21350	18	#Max	QAM16		43.65	29.2	PASS

7	20	21350	18	#Max	QAM16		44.84	32.2	PASS
7	20	21350	18	#Max	QAM16		52.85	35.2	PASS
7	20	21350	100	#0	QAM16		46.39	35.2	PASS
7	20	21350	100	#0	QAM16		45.35	32.2	PASS
7	20	21350	100	#0	QAM16		40.31	29.2	PASS
7	20	21350	100	#0	QAM16		0.00	0	PASS
7	20	21350	100	#0	QAM16		42.01	29.2	PASS
7	20	21350	100	#0	QAM16		46.63	32.2	PASS
7	20	21350	100	#0	QAM16		48.22	35.2	PASS
8	1.4	21457	5	#0	QPSK		45.78	32.2	PASS
8	1.4	21457	5	#0	QPSK		39.88	29.2	PASS
8	1.4	21457	5	#0	QPSK		0.00	0	PASS
8	1.4	21457	5	#0	QPSK		42.61	29.2	PASS
8	1.4	21457	5	#0	QPSK		48.25	32.2	PASS
8	1.4	21457	5	#Max	QPSK		48.27	32.2	PASS
8	1.4	21457	5	#Max	QPSK		42.73	29.2	PASS
8	1.4	21457	5	#Max	QPSK		0.00	0	PASS
8	1.4	21457	5	#Max	QPSK		39.34	29.2	PASS
8	1.4	21457	5	#Max	QPSK		45.57	32.2	PASS
8	1.4	21457	6	#0	QPSK		46.81	32.2	PASS
8	1.4	21457	6	#0	QPSK		43.97	29.2	PASS
8	1.4	21457	6	#0	QPSK		0.00	0	PASS
8	1.4	21457	6	#0	QPSK		42.98	29.2	PASS
8	1.4	21457	6	#0	QPSK		46.31	32.2	PASS
8	1.4	21457	5	#0	QAM16		47.57	32.2	PASS
8	1.4	21457	5	#0	QAM16		43.22	29.2	PASS
8	1.4	21457	5	#0	QAM16		0.00	0	PASS
8	1.4	21457	5	#0	QAM16		44.97	29.2	PASS
8	1.4	21457	5	#0	QAM16		48.87	32.2	PASS
8	1.4	21457	5	#Max	QAM16		49.22	32.2	PASS
8	1.4	21457	5	#Max	QAM16		45.83	29.2	PASS
8	1.4	21457	5	#Max	QAM16		0.00	0	PASS
8	1.4	21457	5	#Max	QAM16		42.40	29.2	PASS
8	1.4	21457	5	#Max	QAM16		47.13	32.2	PASS
8	1.4	21457	6	#0	QAM16		47.58	32.2	PASS
8	1.4	21457	6	#0	QAM16		46.45	29.2	PASS
8	1.4	21457	6	#0	QAM16		0.00	0	PASS
8	1.4	21457	6	#0	QAM16		45.34	29.2	PASS
8	1.4	21457	6	#0	QAM16		47.27	32.2	PASS
8	1.4	21625	5	#0	QPSK		50.29	32.2	PASS
8	1.4	21625	5	#0	QPSK		51.14	29.2	PASS
8	1.4	21625	5	#0	QPSK		0.00	0	PASS
8	1.4	21625	5	#0	QPSK		50.13	29.2	PASS

8	1.4	21625	5	#0	QPSK		50.20	32.2	PASS
8	1.4	21625	5	#Max	QPSK		50.70	32.2	PASS
8	1.4	21625	5	#Max	QPSK		51.54	29.2	PASS
8	1.4	21625	5	#Max	QPSK		0.00	0	PASS
8	1.4	21625	5	#Max	QPSK		49.63	29.2	PASS
8	1.4	21625	5	#Max	QPSK		49.71	32.2	PASS
8	1.4	21625	6	#0	QPSK		50.15	32.2	PASS
8	1.4	21625	6	#0	QPSK		52.36	29.2	PASS
8	1.4	21625	6	#0	QPSK		0.00	0	PASS
8	1.4	21625	6	#0	QPSK		50.78	29.2	PASS
8	1.4	21625	6	#0	QPSK		49.75	32.2	PASS
8	1.4	21625	5	#0	QAM16		49.86	32.2	PASS
8	1.4	21625	5	#0	QAM16		50.49	29.2	PASS
8	1.4	21625	5	#0	QAM16		0.00	0	PASS
8	1.4	21625	5	#0	QAM16		50.06	29.2	PASS
8	1.4	21625	5	#0	QAM16		49.84	32.2	PASS
8	1.4	21625	5	#Max	QAM16		50.18	32.2	PASS
8	1.4	21625	5	#Max	QAM16		50.81	29.2	PASS
8	1.4	21625	5	#Max	QAM16		0.00	0	PASS
8	1.4	21625	5	#Max	QAM16		49.53	29.2	PASS
8	1.4	21625	5	#Max	QAM16		49.41	32.2	PASS
8	1.4	21625	6	#0	QAM16		48.96	32.2	PASS
8	1.4	21625	6	#0	QAM16		50.79	29.2	PASS
8	1.4	21625	6	#0	QAM16		0.00	0	PASS
8	1.4	21625	6	#0	QAM16		49.68	29.2	PASS
8	1.4	21625	6	#0	QAM16		48.48	32.2	PASS
8	1.4	21793	5	#0	QPSK		48.12	32.2	PASS
8	1.4	21793	5	#0	QPSK		44.68	29.2	PASS
8	1.4	21793	5	#0	QPSK		0.00	0	PASS
8	1.4	21793	5	#0	QPSK		45.44	29.2	PASS
8	1.4	21793	5	#0	QPSK		49.48	32.2	PASS
8	1.4	21793	5	#Max	QPSK		49.25	32.2	PASS
8	1.4	21793	5	#Max	QPSK		45.82	29.2	PASS
8	1.4	21793	5	#Max	QPSK		0.00	0	PASS
8	1.4	21793	5	#Max	QPSK		42.24	29.2	PASS
8	1.4	21793	5	#Max	QPSK		47.42	32.2	PASS
8	1.4	21793	6	#0	QPSK		49.26	32.2	PASS
8	1.4	21793	6	#0	QPSK		49.49	29.2	PASS
8	1.4	21793	6	#0	QPSK		0.00	0	PASS
8	1.4	21793	6	#0	QPSK		46.37	29.2	PASS
8	1.4	21793	6	#0	QPSK		48.50	32.2	PASS
8	1.4	21793	5	#0	QAM16		48.51	32.2	PASS
8	1.4	21793	5	#0	QAM16		45.81	29.2	PASS

8	1.4	21793	5	#0	QAM16		0.00	0	PASS
8	1.4	21793	5	#0	QAM16		46.32	29.2	PASS
8	1.4	21793	5	#0	QAM16		49.62	32.2	PASS
8	1.4	21793	5	#Max	QAM16		49.49	32.2	PASS
8	1.4	21793	5	#Max	QAM16		47.23	29.2	PASS
8	1.4	21793	5	#Max	QAM16		0.00	0	PASS
8	1.4	21793	5	#Max	QAM16		43.76	29.2	PASS
8	1.4	21793	5	#Max	QAM16		48.03	32.2	PASS
8	1.4	21793	6	#0	QAM16		49.05	32.2	PASS
8	1.4	21793	6	#0	QAM16		50.35	29.2	PASS
8	1.4	21793	6	#0	QAM16		0.00	0	PASS
8	1.4	21793	6	#0	QAM16		48.00	29.2	PASS
8	1.4	21793	6	#0	QAM16		48.78	32.2	PASS
8	5	21475	8	#0	QPSK		52.94	35.2	PASS
8	5	21475	8	#0	QPSK		44.30	32.2	PASS
8	5	21475	8	#0	QPSK		41.55	29.2	PASS
8	5	21475	8	#0	QPSK		0.00	0	PASS
8	5	21475	8	#0	QPSK		50.07	29.2	PASS
8	5	21475	8	#0	QPSK		50.65	32.2	PASS
8	5	21475	8	#0	QPSK		53.31	35.2	PASS
8	5	21475	8	#Max	QPSK		53.01	35.2	PASS
8	5	21475	8	#Max	QPSK		49.84	32.2	PASS
8	5	21475	8	#Max	QPSK		49.33	29.2	PASS
8	5	21475	8	#Max	QPSK		0.00	0	PASS
8	5	21475	8	#Max	QPSK		40.60	29.2	PASS
8	5	21475	8	#Max	QPSK		43.60	32.2	PASS
8	5	21475	8	#Max	QPSK		53.09	35.2	PASS
8	5	21475	25	#0	QPSK		51.86	35.2	PASS
8	5	21475	25	#0	QPSK		43.60	32.2	PASS
8	5	21475	25	#0	QPSK		42.68	29.2	PASS
8	5	21475	25	#0	QPSK		0.00	0	PASS
8	5	21475	25	#0	QPSK		42.77	29.2	PASS
8	5	21475	25	#0	QPSK		43.69	32.2	PASS
8	5	21475	25	#0	QPSK		51.78	35.2	PASS
8	5	21475	8	#0	QAM16		51.93	35.2	PASS
8	5	21475	8	#0	QAM16		46.51	32.2	PASS
8	5	21475	8	#0	QAM16		43.81	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		52.28	35.2	PASS
8	5	21475	8	#Max	QAM16		51.95	35.2	PASS
8	5	21475	8	#Max	QAM16		49.73	32.2	PASS

8	5	21475	8	#Max	QAM16		49.17	29.2	PASS
8	5	21475	8	#Max	QAM16		0.00	0	PASS
8	5	21475	8	#Max	QAM16		43.38	29.2	PASS
8	5	21475	8	#Max	QAM16		46.11	32.2	PASS
8	5	21475	8	#Max	QAM16		52.23	35.2	PASS
8	5	21475	25	#0	QAM16		50.95	35.2	PASS
8	5	21475	25	#0	QAM16		45.48	32.2	PASS
8	5	21475	25	#0	QAM16		44.42	29.2	PASS
8	5	21475	25	#0	QAM16		0.00	0	PASS
8	5	21475	25	#0	QAM16		44.54	29.2	PASS
8	5	21475	25	#0	QAM16		45.46	32.2	PASS
8	5	21475	25	#0	QAM16		50.98	35.2	PASS
8	5	21625	8	#0	QPSK		53.87	35.2	PASS
8	5	21625	8	#0	QPSK		49.61	32.2	PASS
8	5	21625	8	#0	QPSK		47.51	29.2	PASS
8	5	21625	8	#0	QPSK		0.00	0	PASS
8	5	21625	8	#0	QPSK		47.67	29.2	PASS
8	5	21625	8	#0	QPSK		48.04	32.2	PASS
8	5	21625	8	#0	QPSK		54.49	35.2	PASS
8	5	21625	8	#Max	QPSK		54.20	35.2	PASS
8	5	21625	8	#Max	QPSK		50.27	32.2	PASS
8	5	21625	8	#Max	QPSK		49.77	29.2	PASS
8	5	21625	8	#Max	QPSK		0.00	0	PASS
8	5	21625	8	#Max	QPSK		46.95	29.2	PASS
8	5	21625	8	#Max	QPSK		49.38	32.2	PASS
8	5	21625	8	#Max	QPSK		54.37	35.2	PASS
8	5	21625	25	#0	QPSK		52.31	35.2	PASS
8	5	21625	25	#0	QPSK		48.43	32.2	PASS
8	5	21625	25	#0	QPSK		47.50	29.2	PASS
8	5	21625	25	#0	QPSK		0.00	0	PASS
8	5	21625	25	#0	QPSK		48.09	29.2	PASS
8	5	21625	25	#0	QPSK		49.31	32.2	PASS
8	5	21625	25	#0	QPSK		52.59	35.2	PASS
8	5	21625	8	#0	QAM16		52.99	35.2	PASS
8	5	21625	8	#0	QAM16		49.37	32.2	PASS
8	5	21625	8	#0	QAM16		47.48	29.2	PASS
8	5	21625	8	#0	QAM16		0.00	0	PASS
8	5	21625	8	#0	QAM16		47.62	29.2	PASS
8	5	21625	8	#0	QAM16		48.03	32.2	PASS
8	5	21625	8	#0	QAM16		53.46	35.2	PASS
8	5	21625	8	#Max	QAM16		53.29	35.2	PASS
8	5	21625	8	#Max	QAM16		50.15	32.2	PASS
8	5	21625	8	#Max	QAM16		49.61	29.2	PASS

8	5	21625	8	#Max	QAM16		0.00	0	PASS
8	5	21625	8	#Max	QAM16		47.60	29.2	PASS
8	5	21625	8	#Max	QAM16		49.24	32.2	PASS
8	5	21625	8	#Max	QAM16		53.47	35.2	PASS
8	5	21625	25	#0	QAM16		51.19	35.2	PASS
8	5	21625	25	#0	QAM16		48.09	32.2	PASS
8	5	21625	25	#0	QAM16		47.07	29.2	PASS
8	5	21625	25	#0	QAM16		0.00	0	PASS
8	5	21625	25	#0	QAM16		47.68	29.2	PASS
8	5	21625	25	#0	QAM16		48.65	32.2	PASS
8	5	21625	25	#0	QAM16		51.41	35.2	PASS
8	5	21775	8	#0	QPSK		52.97	35.2	PASS
8	5	21775	8	#0	QPSK		46.25	32.2	PASS
8	5	21775	8	#0	QPSK		43.63	29.2	PASS
8	5	21775	8	#0	QPSK		0.00	0	PASS
8	5	21775	8	#0	QPSK		48.22	29.2	PASS
8	5	21775	8	#0	QPSK		48.62	32.2	PASS
8	5	21775	8	#0	QPSK		53.90	35.2	PASS
8	5	21775	8	#Max	QPSK		53.34	35.2	PASS
8	5	21775	8	#Max	QPSK		48.77	32.2	PASS
8	5	21775	8	#Max	QPSK		48.37	29.2	PASS
8	5	21775	8	#Max	QPSK		0.00	0	PASS
8	5	21775	8	#Max	QPSK		43.26	29.2	PASS
8	5	21775	8	#Max	QPSK		45.86	32.2	PASS
8	5	21775	8	#Max	QPSK		53.89	35.2	PASS
8	5	21775	25	#0	QPSK		51.43	35.2	PASS
8	5	21775	25	#0	QPSK		45.02	32.2	PASS
8	5	21775	25	#0	QPSK		44.26	29.2	PASS
8	5	21775	25	#0	QPSK		0.00	0	PASS
8	5	21775	25	#0	QPSK		46.03	29.2	PASS
8	5	21775	25	#0	QPSK		46.95	32.2	PASS
8	5	21775	25	#0	QPSK		52.94	35.2	PASS
8	5	21775	8	#0	QAM16		52.21	35.2	PASS
8	5	21775	8	#0	QAM16		47.86	32.2	PASS
8	5	21775	8	#0	QAM16		45.37	29.2	PASS
8	5	21775	8	#0	QAM16		0.00	0	PASS
8	5	21775	8	#0	QAM16		48.92	29.2	PASS
8	5	21775	8	#0	QAM16		49.42	32.2	PASS
8	5	21775	8	#0	QAM16		52.96	35.2	PASS
8	5	21775	8	#Max	QAM16		52.39	35.2	PASS
8	5	21775	8	#Max	QAM16		48.86	32.2	PASS
8	5	21775	8	#Max	QAM16		48.40	29.2	PASS
8	5	21775	8	#Max	QAM16		0.00	0	PASS

8	5	21775	8	#Max	QAM16		45.62	29.2	PASS
8	5	21775	8	#Max	QAM16		47.99	32.2	PASS
8	5	21775	8	#Max	QAM16		52.88	35.2	PASS
8	5	21775	25	#0	QAM16		50.51	35.2	PASS
8	5	21775	25	#0	QAM16		45.30	32.2	PASS
8	5	21775	25	#0	QAM16		44.51	29.2	PASS
8	5	21775	25	#0	QAM16		0.00	0	PASS
8	5	21775	25	#0	QAM16		45.98	29.2	PASS
8	5	21775	25	#0	QAM16		46.92	32.2	PASS
8	5	21775	25	#0	QAM16		51.96	35.2	PASS
8	10	21500	12	#0	QPSK		52.71	35.2	PASS
8	10	21500	12	#0	QPSK		43.66	32.2	PASS
8	10	21500	12	#0	QPSK		42.68	29.2	PASS
8	10	21500	12	#0	QPSK		0.00	0	PASS
8	10	21500	12	#0	QPSK		48.05	29.2	PASS
8	10	21500	12	#0	QPSK		52.09	32.2	PASS
8	10	21500	12	#0	QPSK		51.85	35.2	PASS
8	10	21500	12	#Max	QPSK		52.55	35.2	PASS
8	10	21500	12	#Max	QPSK		51.60	32.2	PASS
8	10	21500	12	#Max	QPSK		48.12	29.2	PASS
8	10	21500	12	#Max	QPSK		0.00	0	PASS
8	10	21500	12	#Max	QPSK		43.44	29.2	PASS
8	10	21500	12	#Max	QPSK		44.48	32.2	PASS
8	10	21500	12	#Max	QPSK		53.11	35.2	PASS
8	10	21500	50	#0	QPSK		50.97	35.2	PASS
8	10	21500	50	#0	QPSK		43.49	32.2	PASS
8	10	21500	50	#0	QPSK		42.16	29.2	PASS
8	10	21500	50	#0	QPSK		0.00	0	PASS
8	10	21500	50	#0	QPSK		43.08	29.2	PASS
8	10	21500	50	#0	QPSK		45.61	32.2	PASS
8	10	21500	50	#0	QPSK		48.22	35.2	PASS
8	10	21500	12	#0	QAM16		51.81	35.2	PASS
8	10	21500	12	#0	QAM16		44.87	32.2	PASS
8	10	21500	12	#0	QAM16		43.57	29.2	PASS
8	10	21500	12	#0	QAM16		0.00	0	PASS
8	10	21500	12	#0	QAM16		47.43	29.2	PASS
8	10	21500	12	#0	QAM16		51.36	32.2	PASS
8	10	21500	12	#0	QAM16		51.22	35.2	PASS
8	10	21500	12	#Max	QAM16		51.70	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		44.06	29.2	PASS

8	10	21500	12	#Max	QAM16		45.46	32.2	PASS
8	10	21500	12	#Max	QAM16		52.12	35.2	PASS
8	10	21500	50	#0	QAM16		50.39	35.2	PASS
8	10	21500	50	#0	QAM16		43.85	32.2	PASS
8	10	21500	50	#0	QAM16		42.41	29.2	PASS
8	10	21500	50	#0	QAM16		0.00	0	PASS
8	10	21500	50	#0	QAM16		42.68	29.2	PASS
8	10	21500	50	#0	QAM16		45.15	32.2	PASS
8	10	21500	50	#0	QAM16		48.04	35.2	PASS
8	10	21625	12	#0	QPSK		53.37	35.2	PASS
8	10	21625	12	#0	QPSK		48.55	32.2	PASS
8	10	21625	12	#0	QPSK		46.80	29.2	PASS
8	10	21625	12	#0	QPSK		0.00	0	PASS
8	10	21625	12	#0	QPSK		47.80	29.2	PASS
8	10	21625	12	#0	QPSK		51.84	32.2	PASS
8	10	21625	12	#0	QPSK		52.04	35.2	PASS
8	10	21625	12	#Max	QPSK		52.12	35.2	PASS
8	10	21625	12	#Max	QPSK		52.76	32.2	PASS
8	10	21625	12	#Max	QPSK		48.47	29.2	PASS
8	10	21625	12	#Max	QPSK		0.00	0	PASS
8	10	21625	12	#Max	QPSK		46.28	29.2	PASS
8	10	21625	12	#Max	QPSK		47.59	32.2	PASS
8	10	21625	12	#Max	QPSK		54.33	35.2	PASS
8	10	21625	50	#0	QPSK		49.91	35.2	PASS
8	10	21625	50	#0	QPSK		47.74	32.2	PASS
8	10	21625	50	#0	QPSK		44.94	29.2	PASS
8	10	21625	50	#0	QPSK		0.00	0	PASS
8	10	21625	50	#0	QPSK		45.66	29.2	PASS
8	10	21625	50	#0	QPSK		48.23	32.2	PASS
8	10	21625	50	#0	QPSK		50.97	35.2	PASS
8	10	21625	12	#0	QAM16		52.55	35.2	PASS
8	10	21625	12	#0	QAM16		48.66	32.2	PASS
8	10	21625	12	#0	QAM16		46.59	29.2	PASS
8	10	21625	12	#0	QAM16		0.00	0	PASS
8	10	21625	12	#0	QAM16		47.55	29.2	PASS
8	10	21625	12	#0	QAM16		51.45	32.2	PASS
8	10	21625	12	#0	QAM16		51.68	35.2	PASS
8	10	21625	12	#Max	QAM16		51.70	35.2	PASS
8	10	21625	12	#Max	QAM16		52.12	32.2	PASS
8	10	21625	12	#Max	QAM16		47.99	29.2	PASS
8	10	21625	12	#Max	QAM16		0.00	0	PASS
8	10	21625	12	#Max	QAM16		46.26	29.2	PASS
8	10	21625	12	#Max	QAM16		47.91	32.2	PASS

8	10	21625	12	#Max	QAM16		53.42	35.2	PASS
8	10	21625	50	#0	QAM16		49.72	35.2	PASS
8	10	21625	50	#0	QAM16		47.65	32.2	PASS
8	10	21625	50	#0	QAM16		44.86	29.2	PASS
8	10	21625	50	#0	QAM16		0.00	0	PASS
8	10	21625	50	#0	QAM16		45.86	29.2	PASS
8	10	21625	50	#0	QAM16		48.49	32.2	PASS
8	10	21625	50	#0	QAM16		50.95	35.2	PASS
8	10	21750	12	#0	QPSK		52.72	35.2	PASS
8	10	21750	12	#0	QPSK		42.80	32.2	PASS
8	10	21750	12	#0	QPSK		41.87	29.2	PASS
8	10	21750	12	#0	QPSK		0.00	0	PASS
8	10	21750	12	#0	QPSK		49.64	29.2	PASS
8	10	21750	12	#0	QPSK		52.78	32.2	PASS
8	10	21750	12	#0	QPSK		53.86	35.2	PASS
8	10	21750	12	#Max	QPSK		50.06	35.2	PASS
8	10	21750	12	#Max	QPSK		50.44	32.2	PASS
8	10	21750	12	#Max	QPSK		46.10	29.2	PASS
8	10	21750	12	#Max	QPSK		0.00	0	PASS
8	10	21750	12	#Max	QPSK		44.57	29.2	PASS
8	10	21750	12	#Max	QPSK		45.62	32.2	PASS
8	10	21750	12	#Max	QPSK		53.94	35.2	PASS
8	10	21750	50	#0	QPSK		47.13	35.2	PASS
8	10	21750	50	#0	QPSK		41.91	32.2	PASS
8	10	21750	50	#0	QPSK		39.97	29.2	PASS
8	10	21750	50	#0	QPSK		0.00	0	PASS
8	10	21750	50	#0	QPSK		46.63	29.2	PASS
8	10	21750	50	#0	QPSK		48.32	32.2	PASS
8	10	21750	50	#0	QPSK		53.12	35.2	PASS
8	10	21750	12	#0	QAM16		51.82	35.2	PASS
8	10	21750	12	#0	QAM16		44.43	32.2	PASS
8	10	21750	12	#0	QAM16		43.08	29.2	PASS
8	10	21750	12	#0	QAM16		0.00	0	PASS
8	10	21750	12	#0	QAM16		48.72	29.2	PASS
8	10	21750	12	#0	QAM16		51.91	32.2	PASS
8	10	21750	12	#0	QAM16		52.88	35.2	PASS
8	10	21750	12	#Max	QAM16		49.82	35.2	PASS
8	10	21750	12	#Max	QAM16		50.27	32.2	PASS
8	10	21750	12	#Max	QAM16		45.95	29.2	PASS
8	10	21750	12	#Max	QAM16		0.00	0	PASS
8	10	21750	12	#Max	QAM16		45.17	29.2	PASS
8	10	21750	12	#Max	QAM16		46.56	32.2	PASS
8	10	21750	12	#Max	QAM16		52.98	35.2	PASS

8	10	21750	50	#0	QAM16		47.79	35.2	PASS
8	10	21750	50	#0	QAM16		42.20	32.2	PASS
8	10	21750	50	#0	QAM16		40.38	29.2	PASS
8	10	21750	50	#0	QAM16		0.00	0	PASS
8	10	21750	50	#0	QAM16		46.01	29.2	PASS
8	10	21750	50	#0	QAM16		47.91	32.2	PASS
8	10	21750	50	#0	QAM16		52.02	35.2	PASS
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20	5	24175	8	#0	QPSK		42.54	29.2	PASS
20	5	24175	8	#0	QPSK		0.00	0	PASS
20	5	24175	8	#0	QPSK		46.48	29.2	PASS
20	5	24175	8	#0	QPSK		46.86	32.2	PASS
20	5	24175	8	#0	QPSK		52.72	35.2	PASS
20	5	24175	8	#Max	QPSK		52.50	35.2	PASS
20	5	24175	8	#Max	QPSK		48.43	32.2	PASS
20	5	24175	8	#Max	QPSK		47.96	29.2	PASS
20	5	24175	8	#Max	QPSK		0.00	0	PASS
20	5	24175	8	#Max	QPSK		44.76	29.2	PASS
20	5	24175	8	#Max	QPSK		46.92	32.2	PASS
20	5	24175	8	#Max	QPSK		52.39	35.2	PASS
20	5	24175	25	#0	QPSK		51.60	35.2	PASS
20	5	24175	25	#0	QPSK		45.68	32.2	PASS
20	5	24175	25	#0	QPSK		44.75	29.2	PASS
20	5	24175	25	#0	QPSK		0.00	0	PASS
20	5	24175	25	#0	QPSK		43.39	29.2	PASS
20	5	24175	25	#0	QPSK		44.25	32.2	PASS
20	5	24175	25	#0	QPSK		49.85	35.2	PASS
20	5	24175	8	#0	QAM16		51.42	35.2	PASS
20	5	24175	8	#0	QAM16		46.19	32.2	PASS
20	5	24175	8	#0	QAM16		43.80	29.2	PASS
20	5	24175	8	#0	QAM16		0.00	0	PASS
20	5	24175	8	#0	QAM16		46.38	29.2	PASS
20	5	24175	8	#0	QAM16		46.76	32.2	PASS
20	5	24175	8	#0	QAM16		51.67	35.2	PASS
20	5	24175	8	#Max	QAM16		51.51	35.2	PASS
20	5	24175	8	#Max	QAM16		48.41	32.2	PASS
20	5	24175	8	#Max	QAM16		47.89	29.2	PASS
20	5	24175	8	#Max	QAM16		0.00	0	PASS
20	5	24175	8	#Max	QAM16		44.74	29.2	PASS
20	5	24175	8	#Max	QAM16		46.47	32.2	PASS
20	5	24175	8	#Max	QAM16		51.54	35.2	PASS
20	5	24175	25	#0	QAM16		50.64	35.2	PASS

20	5	24175	25	#0	QAM16		46.57	32.2	PASS
20	5	24175	25	#0	QAM16		45.37	29.2	PASS
20	5	24175	25	#0	QAM16		0.00	0	PASS
20	5	24175	25	#0	QAM16		42.72	29.2	PASS
20	5	24175	25	#0	QAM16		43.48	32.2	PASS
20	5	24175	25	#0	QAM16		49.41	35.2	PASS
20	5	24300	8	#0	QPSK		53.44	35.2	PASS
20	5	24300	8	#0	QPSK		46.54	32.2	PASS
20	5	24300	8	#0	QPSK		44.32	29.2	PASS
20	5	24300	8	#0	QPSK		0.00	0	PASS
20	5	24300	8	#0	QPSK		48.85	29.2	PASS
20	5	24300	8	#0	QPSK		49.28	32.2	PASS
20	5	24300	8	#0	QPSK		53.94	35.2	PASS
20	5	24300	8	#Max	QPSK		53.48	35.2	PASS
20	5	24300	8	#Max	QPSK		47.03	32.2	PASS
20	5	24300	8	#Max	QPSK		46.68	29.2	PASS
20	5	24300	8	#Max	QPSK		0.00	0	PASS
20	5	24300	8	#Max	QPSK		45.27	29.2	PASS
20	5	24300	8	#Max	QPSK		47.69	32.2	PASS
20	5	24300	8	#Max	QPSK		53.36	35.2	PASS
20	5	24300	25	#0	QPSK		51.90	35.2	PASS
20	5	24300	25	#0	QPSK		46.63	32.2	PASS
20	5	24300	25	#0	QPSK		45.70	29.2	PASS
20	5	24300	25	#0	QPSK		0.00	0	PASS
20	5	24300	25	#0	QPSK		46.13	29.2	PASS
20	5	24300	25	#0	QPSK		47.15	32.2	PASS
20	5	24300	25	#0	QPSK		51.68	35.2	PASS
20	5	24300	8	#0	QAM16		52.43	35.2	PASS
20	5	24300	8	#0	QAM16		46.90	32.2	PASS
20	5	24300	8	#0	QAM16		45.02	29.2	PASS
20	5	24300	8	#0	QAM16		0.00	0	PASS
20	5	24300	8	#0	QAM16		48.69	29.2	PASS
20	5	24300	8	#0	QAM16		49.17	32.2	PASS
20	5	24300	8	#0	QAM16		52.91	35.2	PASS
20	5	24300	8	#Max	QAM16		52.48	35.2	PASS
20	5	24300	8	#Max	QAM16		47.13	32.2	PASS
20	5	24300	8	#Max	QAM16		46.77	29.2	PASS
20	5	24300	8	#Max	QAM16		0.00	0	PASS
20	5	24300	8	#Max	QAM16		45.57	29.2	PASS
20	5	24300	8	#Max	QAM16		47.78	32.2	PASS
20	5	24300	8	#Max	QAM16		52.55	35.2	PASS
20	5	24300	25	#0	QAM16		51.04	35.2	PASS
20	5	24300	25	#0	QAM16		46.67	32.2	PASS

20	5	24300	25	#0	QAM16		45.55	29.2	PASS
20	5	24300	25	#0	QAM16		0.00	0	PASS
20	5	24300	25	#0	QAM16		45.29	29.2	PASS
20	5	24300	25	#0	QAM16		46.16	32.2	PASS
20	5	24300	25	#0	QAM16		50.98	35.2	PASS
20	5	24425	8	#0	QPSK		53.44	35.2	PASS
20	5	24425	8	#0	QPSK		48.76	32.2	PASS
20	5	24425	8	#0	QPSK		46.93	29.2	PASS
20	5	24425	8	#0	QPSK		0.00	0	PASS
20	5	24425	8	#0	QPSK		48.93	29.2	PASS
20	5	24425	8	#0	QPSK		49.40	32.2	PASS
20	5	24425	8	#0	QPSK		53.87	35.2	PASS
20	5	24425	8	#Max	QPSK		53.62	35.2	PASS
20	5	24425	8	#Max	QPSK		48.97	32.2	PASS
20	5	24425	8	#Max	QPSK		48.56	29.2	PASS
20	5	24425	8	#Max	QPSK		0.00	0	PASS
20	5	24425	8	#Max	QPSK		45.27	29.2	PASS
20	5	24425	8	#Max	QPSK		47.83	32.2	PASS
20	5	24425	8	#Max	QPSK		53.73	35.2	PASS
20	5	24425	25	#0	QPSK		51.34	35.2	PASS
20	5	24425	25	#0	QPSK		48.12	32.2	PASS
20	5	24425	25	#0	QPSK		47.20	29.2	PASS
20	5	24425	25	#0	QPSK		0.00	0	PASS
20	5	24425	25	#0	QPSK		46.17	29.2	PASS
20	5	24425	25	#0	QPSK		47.22	32.2	PASS
20	5	24425	25	#0	QPSK		52.38	35.2	PASS
20	5	24425	8	#0	QAM16		52.45	35.2	PASS
20	5	24425	8	#0	QAM16		48.30	32.2	PASS
20	5	24425	8	#0	QAM16		46.59	29.2	PASS
20	5	24425	8	#0	QAM16		0.00	0	PASS
20	5	24425	8	#0	QAM16		48.91	29.2	PASS
20	5	24425	8	#0	QAM16		49.43	32.2	PASS
20	5	24425	8	#0	QAM16		52.93	35.2	PASS
20	5	24425	8	#Max	QAM16		52.67	35.2	PASS
20	5	24425	8	#Max	QAM16		49.05	32.2	PASS
20	5	24425	8	#Max	QAM16		48.56	29.2	PASS
20	5	24425	8	#Max	QAM16		0.00	0	PASS
20	5	24425	8	#Max	QAM16		46.71	29.2	PASS
20	5	24425	8	#Max	QAM16		48.96	32.2	PASS
20	5	24425	8	#Max	QAM16		52.85	35.2	PASS
20	5	24425	25	#0	QAM16		50.55	35.2	PASS
20	5	24425	25	#0	QAM16		46.75	32.2	PASS
20	5	24425	25	#0	QAM16		45.94	29.2	PASS

20	5	24425	25	#0	QAM16		0.00	0	PASS
20	5	24425	25	#0	QAM16		45.83	29.2	PASS
20	5	24425	25	#0	QAM16		46.85	32.2	PASS
20	5	24425	25	#0	QAM16		51.40	35.2	PASS
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20	10	24200	12	#0	QPSK		44.14	32.2	PASS
20	10	24200	12	#0	QPSK		43.10	29.2	PASS
20	10	24200	12	#0	QPSK		0.00	0	PASS
20	10	24200	12	#0	QPSK		46.17	29.2	PASS
20	10	24200	12	#0	QPSK		50.35	32.2	PASS
20	10	24200	12	#0	QPSK		50.28	35.2	PASS
20	10	24200	12	#Max	QPSK		52.36	35.2	PASS
20	10	24200	12	#Max	QPSK		52.06	32.2	PASS
20	10	24200	12	#Max	QPSK		48.48	29.2	PASS
20	10	24200	12	#Max	QPSK		0.00	0	PASS
20	10	24200	12	#Max	QPSK		45.50	29.2	PASS
20	10	24200	12	#Max	QPSK		46.95	32.2	PASS
20	10	24200	12	#Max	QPSK		52.62	35.2	PASS
20	10	24200	50	#0	QPSK		51.43	35.2	PASS
20	10	24200	50	#0	QPSK		47.70	32.2	PASS
20	10	24200	50	#0	QPSK		45.59	29.2	PASS
20	10	24200	50	#0	QPSK		0.00	0	PASS
20	10	24200	50	#0	QPSK		42.51	29.2	PASS
20	10	24200	50	#0	QPSK		45.81	32.2	PASS
20	10	24200	50	#0	QPSK		46.77	35.2	PASS
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20	10	24200	12	#0	QAM16		43.73	29.2	PASS
20	10	24200	12	#0	QAM16		0.00	0	PASS
20	10	24200	12	#0	QAM16		45.80	29.2	PASS
20	10	24200	12	#0	QAM16		49.77	32.2	PASS
20	10	24200	12	#0	QAM16		49.94	35.2	PASS
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20	10	24200	12	#Max	QAM16		47.56	29.2	PASS
20	10	24200	12	#Max	QAM16		0.00	0	PASS
20	10	24200	12	#Max	QAM16		44.76	29.2	PASS
20	10	24200	12	#Max	QAM16		46.37	32.2	PASS
20	10	24200	12	#Max	QAM16		51.66	35.2	PASS
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20	10	24200	50	#0	QAM16		47.34	32.2	PASS
20	10	24200	50	#0	QAM16		45.06	29.2	PASS
20	10	24200	50	#0	QAM16		0.00	0	PASS

20	10	24200	50	#0	QAM16		41.71	29.2	PASS
20	10	24200	50	#0	QAM16		44.46	32.2	PASS
20	10	24200	50	#0	QAM16		46.85	35.2	PASS
20	10	24300	12	#0	QPSK		53.14	35.2	PASS
20	10	24300	12	#0	QPSK		45.47	32.2	PASS
20	10	24300	12	#0	QPSK		44.42	29.2	PASS
20	10	24300	12	#0	QPSK		0.00	0	PASS
20	10	24300	12	#0	QPSK		47.26	29.2	PASS
20	10	24300	12	#0	QPSK		51.74	32.2	PASS
20	10	24300	12	#0	QPSK		51.04	35.2	PASS
20	10	24300	12	#Max	QPSK		50.44	35.2	PASS
20	10	24300	12	#Max	QPSK		50.45	32.2	PASS
20	10	24300	12	#Max	QPSK		46.28	29.2	PASS
20	10	24300	12	#Max	QPSK		0.00	0	PASS
20	10	24300	12	#Max	QPSK		46.22	29.2	PASS
20	10	24300	12	#Max	QPSK		47.73	32.2	PASS
20	10	24300	12	#Max	QPSK		53.39	35.2	PASS
20	10	24300	50	#0	QPSK		50.46	35.2	PASS
20	10	24300	50	#0	QPSK		47.20	32.2	PASS
20	10	24300	50	#0	QPSK		44.91	29.2	PASS
20	10	24300	50	#0	QPSK		0.00	0	PASS
20	10	24300	50	#0	QPSK		44.77	29.2	PASS
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20	10	24300	50	#0	QPSK		48.58	35.2	PASS
20	10	24300	12	#0	QAM16		52.23	35.2	PASS
20	10	24300	12	#0	QAM16		46.00	32.2	PASS
20	10	24300	12	#0	QAM16		44.57	29.2	PASS
20	10	24300	12	#0	QAM16		0.00	0	PASS
20	10	24300	12	#0	QAM16		46.97	29.2	PASS
20	10	24300	12	#0	QAM16		51.11	32.2	PASS
20	10	24300	12	#0	QAM16		50.93	35.2	PASS
20	10	24300	12	#Max	QAM16		50.13	35.2	PASS
20	10	24300	12	#Max	QAM16		50.36	32.2	PASS
20	10	24300	12	#Max	QAM16		46.14	29.2	PASS
20	10	24300	12	#Max	QAM16		0.00	0	PASS
20	10	24300	12	#Max	QAM16		45.82	29.2	PASS
20	10	24300	12	#Max	QAM16		47.52	32.2	PASS
20	10	24300	12	#Max	QAM16		52.57	35.2	PASS
20	10	24300	50	#0	QAM16		49.76	35.2	PASS
20	10	24300	50	#0	QAM16		46.83	32.2	PASS
20	10	24300	50	#0	QAM16		44.42	29.2	PASS
20	10	24300	50	#0	QAM16		0.00	0	PASS
20	10	24300	50	#0	QAM16		43.68	29.2	PASS

20	10	24300	50	#0	QAM16		46.77	32.2	PASS
20	10	24300	50	#0	QAM16		48.22	35.2	PASS
20	10	24400	12	#0	QPSK		52.93	35.2	PASS
20	10	24400	12	#0	QPSK		49.40	32.2	PASS
20	10	24400	12	#0	QPSK		47.32	29.2	PASS
20	10	24400	12	#0	QPSK		0.00	0	PASS
20	10	24400	12	#0	QPSK		46.59	29.2	PASS
20	10	24400	12	#0	QPSK		50.92	32.2	PASS
20	10	24400	12	#0	QPSK		50.54	35.2	PASS
20	10	24400	12	#Max	QPSK		51.19	35.2	PASS
20	10	24400	12	#Max	QPSK		51.74	32.2	PASS
20	10	24400	12	#Max	QPSK		47.43	29.2	PASS
20	10	24400	12	#Max	QPSK		0.00	0	PASS
20	10	24400	12	#Max	QPSK		46.94	29.2	PASS
20	10	24400	12	#Max	QPSK		48.63	32.2	PASS
20	10	24400	12	#Max	QPSK		53.67	35.2	PASS
20	10	24400	50	#0	QPSK		49.45	35.2	PASS
20	10	24400	50	#0	QPSK		49.02	32.2	PASS
20	10	24400	50	#0	QPSK		45.55	29.2	PASS
20	10	24400	50	#0	QPSK		0.00	0	PASS
20	10	24400	50	#0	QPSK		45.33	29.2	PASS
20	10	24400	50	#0	QPSK		47.84	32.2	PASS
20	10	24400	50	#0	QPSK		50.60	35.2	PASS
20	10	24400	12	#0	QAM16		52.03	35.2	PASS
20	10	24400	12	#0	QAM16		48.56	32.2	PASS
20	10	24400	12	#0	QAM16		46.42	29.2	PASS
20	10	24400	12	#0	QAM16		0.00	0	PASS
20	10	24400	12	#0	QAM16		46.46	29.2	PASS
20	10	24400	12	#0	QAM16		50.58	32.2	PASS
20	10	24400	12	#0	QAM16		50.40	35.2	PASS
20	10	24400	12	#Max	QAM16		50.85	35.2	PASS
20	10	24400	12	#Max	QAM16		51.25	32.2	PASS
20	10	24400	12	#Max	QAM16		47.09	29.2	PASS
20	10	24400	12	#Max	QAM16		0.00	0	PASS
20	10	24400	12	#Max	QAM16		46.67	29.2	PASS
20	10	24400	12	#Max	QAM16		48.57	32.2	PASS
20	10	24400	12	#Max	QAM16		52.79	35.2	PASS
20	10	24400	50	#0	QAM16		48.53	35.2	PASS
20	10	24400	50	#0	QAM16		47.50	32.2	PASS
20	10	24400	50	#0	QAM16		44.27	29.2	PASS
20	10	24400	50	#0	QAM16		0.00	0	PASS
20	10	24400	50	#0	QAM16		44.35	29.2	PASS
20	10	24400	50	#0	QAM16		46.77	32.2	PASS

20	10	24400	50	#0	QAM16		49.80	35.2	PASS
20	20	24250	18	#0	QPSK		52.52	35.2	PASS
20	20	24250	18	#0	QPSK		46.15	32.2	PASS
20	20	24250	18	#0	QPSK		44.18	29.2	PASS
20	20	24250	18	#0	QPSK		0.00	0	PASS
20	20	24250	18	#0	QPSK		44.99	29.2	PASS
20	20	24250	18	#0	QPSK		52.78	32.2	PASS
20	20	24250	18	#0	QPSK		52.33	35.2	PASS
20	20	24250	18	#Max	QPSK		52.66	35.2	PASS
20	20	24250	18	#Max	QPSK		52.88	32.2	PASS
20	20	24250	18	#Max	QPSK		45.96	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		47.69	32.2	PASS
20	20	24250	18	#Max	QPSK		52.72	35.2	PASS
20	20	24250	100	#0	QPSK		51.49	35.2	PASS
20	20	24250	100	#0	QPSK		49.98	32.2	PASS
20	20	24250	100	#0	QPSK		44.47	29.2	PASS
20	20	24250	100	#0	QPSK		0.00	0	PASS
20	20	24250	100	#0	QPSK		43.33	29.2	PASS
20	20	24250	100	#0	QPSK		48.92	32.2	PASS
20	20	24250	100	#0	QPSK		49.80	35.2	PASS
20	20	24250	18	#0	QAM16		51.42	35.2	PASS
20	20	24250	18	#0	QAM16		46.40	32.2	PASS
20	20	24250	18	#0	QAM16		43.69	29.2	PASS
20	20	24250	18	#0	QAM16		0.00	0	PASS
20	20	24250	18	#0	QAM16		44.42	29.2	PASS
20	20	24250	18	#0	QAM16		51.92	32.2	PASS
20	20	24250	18	#0	QAM16		51.63	35.2	PASS
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20	20	24250	18	#Max	QAM16		44.92	29.2	PASS
20	20	24250	18	#Max	QAM16		0.00	0	PASS
20	20	24250	18	#Max	QAM16		44.17	29.2	PASS
20	20	24250	18	#Max	QAM16		47.24	32.2	PASS
20	20	24250	18	#Max	QAM16		51.83	35.2	PASS
20	20	24250	100	#0	QAM16		50.47	35.2	PASS
20	20	24250	100	#0	QAM16		48.97	32.2	PASS
20	20	24250	100	#0	QAM16		43.47	29.2	PASS
20	20	24250	100	#0	QAM16		0.00	0	PASS
20	20	24250	100	#0	QAM16		42.23	29.2	PASS
20	20	24250	100	#0	QAM16		47.53	32.2	PASS
20	20	24250	100	#0	QAM16		48.61	35.2	PASS

20	20	24300	18	#0	QPSK		52.23	35.2	PASS
20	20	24300	18	#0	QPSK		48.06	32.2	PASS
20	20	24300	18	#0	QPSK		44.64	29.2	PASS
20	20	24300	18	#0	QPSK		0.00	0	PASS
20	20	24300	18	#0	QPSK		45.33	29.2	PASS
20	20	24300	18	#0	QPSK		52.86	32.2	PASS
20	20	24300	18	#0	QPSK		52.69	35.2	PASS
20	20	24300	18	#Max	QPSK		52.50	35.2	PASS
20	20	24300	18	#Max	QPSK		52.87	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		45.71	29.2	PASS
20	20	24300	18	#Max	QPSK		49.88	32.2	PASS
20	20	24300	18	#Max	QPSK		52.89	35.2	PASS
20	20	24300	100	#0	QPSK		50.51	35.2	PASS
20	20	24300	100	#0	QPSK		48.83	32.2	PASS
20	20	24300	100	#0	QPSK		44.13	29.2	PASS
20	20	24300	100	#0	QPSK		0.00	0	PASS
20	20	24300	100	#0	QPSK		43.48	29.2	PASS
20	20	24300	100	#0	QPSK		48.86	32.2	PASS
20	20	24300	100	#0	QPSK		50.33	35.2	PASS
20	20	24300	18	#0	QAM16		51.12	35.2	PASS
20	20	24300	18	#0	QAM16		46.91	32.2	PASS
20	20	24300	18	#0	QAM16		43.67	29.2	PASS
20	20	24300	18	#0	QAM16		0.00	0	PASS
20	20	24300	18	#0	QAM16		44.64	29.2	PASS
20	20	24300	18	#0	QAM16		51.84	32.2	PASS
20	20	24300	18	#0	QAM16		51.94	35.2	PASS
20	20	24300	18	#Max	QAM16		51.54	35.2	PASS
20	20	24300	18	#Max	QAM16		51.84	32.2	PASS
20	20	24300	18	#Max	QAM16		45.22	29.2	PASS
20	20	24300	18	#Max	QAM16		0.00	0	PASS
20	20	24300	18	#Max	QAM16		44.54	29.2	PASS
20	20	24300	18	#Max	QAM16		48.23	32.2	PASS
20	20	24300	18	#Max	QAM16		52.04	35.2	PASS
20	20	24300	100	#0	QAM16		49.78	35.2	PASS
20	20	24300	100	#0	QAM16		48.44	32.2	PASS
20	20	24300	100	#0	QAM16		43.37	29.2	PASS
20	20	24300	100	#0	QAM16		0.00	0	PASS
20	20	24300	100	#0	QAM16		42.12	29.2	PASS
20	20	24300	100	#0	QAM16		47.31	32.2	PASS
20	20	24300	100	#0	QAM16		48.51	35.2	PASS
20	20	24350	18	#0	QPSK		52.22	35.2	PASS

20	20	24350	18	#0	QPSK		46.17	32.2	PASS
20	20	24350	18	#0	QPSK		44.11	29.2	PASS
20	20	24350	18	#0	QPSK		0.00	0	PASS
20	20	24350	18	#0	QPSK		45.94	29.2	PASS
20	20	24350	18	#0	QPSK		53.19	32.2	PASS
20	20	24350	18	#0	QPSK		52.94	35.2	PASS
20	20	24350	18	#Max	QPSK		52.29	35.2	PASS
20	20	24350	18	#Max	QPSK		52.72	32.2	PASS
20	20	24350	18	#Max	QPSK		45.82	29.2	PASS
20	20	24350	18	#Max	QPSK		0.00	0	PASS
20	20	24350	18	#Max	QPSK		45.71	29.2	PASS
20	20	24350	18	#Max	QPSK		49.04	32.2	PASS
20	20	24350	18	#Max	QPSK		53.20	35.2	PASS
20	20	24350	100	#0	QPSK		48.66	35.2	PASS
20	20	24350	100	#0	QPSK		47.68	32.2	PASS
20	20	24350	100	#0	QPSK		42.90	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		49.09	32.2	PASS
20	20	24350	100	#0	QPSK		49.12	35.2	PASS
20	20	24350	18	#0	QAM16		51.31	35.2	PASS
20	20	24350	18	#0	QAM16		46.75	32.2	PASS
20	20	24350	18	#0	QAM16		43.80	29.2	PASS
20	20	24350	18	#0	QAM16		0.00	0	PASS
20	20	24350	18	#0	QAM16		45.24	29.2	PASS
20	20	24350	18	#0	QAM16		52.15	32.2	PASS
20	20	24350	18	#0	QAM16		52.20	35.2	PASS
20	20	24350	18	#Max	QAM16		51.48	35.2	PASS
20	20	24350	18	#Max	QAM16		51.79	32.2	PASS
20	20	24350	18	#Max	QAM16		45.01	29.2	PASS
20	20	24350	18	#Max	QAM16		0.00	0	PASS
20	20	24350	18	#Max	QAM16		45.04	29.2	PASS
20	20	24350	18	#Max	QAM16		49.04	32.2	PASS
20	20	24350	18	#Max	QAM16		52.31	35.2	PASS
20	20	24350	100	#0	QAM16		48.54	35.2	PASS
20	20	24350	100	#0	QAM16		47.73	32.2	PASS
20	20	24350	100	#0	QAM16		42.67	29.2	PASS
20	20	24350	100	#0	QAM16		0.00	0	PASS
20	20	24350	100	#0	QAM16		42.15	29.2	PASS
20	20	24350	100	#0	QAM16		47.52	32.2	PASS
20	20	24350	100	#0	QAM16		48.03	35.2	PASS
1	5	18025	8	#0	QPSK		54.31	35.2	PASS
1	5	18025	8	#0	QPSK		47.13	32.2	PASS

1	5	18025	8	#0	QPSK		44.66	29.2	PASS
1	5	18025	8	#0	QPSK		0.00	0	PASS
1	5	18025	8	#0	QPSK		46.27	29.2	PASS
1	5	18025	8	#0	QPSK		46.53	32.2	PASS
1	5	18025	8	#0	QPSK		54.69	35.2	PASS
1	5	18025	8	#Max	QPSK		54.39	35.2	PASS
1	5	18025	8	#Max	QPSK		47.57	32.2	PASS
1	5	18025	8	#Max	QPSK		47.28	29.2	PASS
1	5	18025	8	#Max	QPSK		0.00	0	PASS
1	5	18025	8	#Max	QPSK		44.70	29.2	PASS
1	5	18025	8	#Max	QPSK		46.98	32.2	PASS
1	5	18025	8	#Max	QPSK		54.48	35.2	PASS
1	5	18025	25	#0	QPSK		53.24	35.2	PASS
1	5	18025	25	#0	QPSK		48.45	32.2	PASS
1	5	18025	25	#0	QPSK		47.51	29.2	PASS
1	5	18025	25	#0	QPSK		0.00	0	PASS
1	5	18025	25	#0	QPSK		46.75	29.2	PASS
1	5	18025	25	#0	QPSK		47.76	32.2	PASS
1	5	18025	25	#0	QPSK		53.20	35.2	PASS
1	5	18025	8	#0	QAM16		53.32	35.2	PASS
1	5	18025	8	#0	QAM16		49.31	32.2	PASS
1	5	18025	8	#0	QAM16		47.38	29.2	PASS
1	5	18025	8	#0	QAM16		0.00	0	PASS
1	5	18025	8	#0	QAM16		46.43	29.2	PASS
1	5	18025	8	#0	QAM16		46.71	32.2	PASS
1	5	18025	8	#0	QAM16		53.65	35.2	PASS
1	5	18025	8	#Max	QAM16		53.36	35.2	PASS
1	5	18025	8	#Max	QAM16		47.79	32.2	PASS
1	5	18025	8	#Max	QAM16		47.44	29.2	PASS
1	5	18025	8	#Max	QAM16		0.00	0	PASS
1	5	18025	8	#Max	QAM16		46.67	29.2	PASS
1	5	18025	8	#Max	QAM16		48.88	32.2	PASS
1	5	18025	8	#Max	QAM16		53.51	35.2	PASS
1	5	18025	25	#0	QAM16		52.31	35.2	PASS
1	5	18025	25	#0	QAM16		47.97	32.2	PASS
1	5	18025	25	#0	QAM16		47.11	29.2	PASS
1	5	18025	25	#0	QAM16		0.00	0	PASS
1	5	18025	25	#0	QAM16		46.14	29.2	PASS
1	5	18025	25	#0	QAM16		47.17	32.2	PASS
1	5	18025	25	#0	QAM16		52.40	35.2	PASS
1	5	18300	8	#0	QPSK		53.95	35.2	PASS
1	5	18300	8	#0	QPSK		48.13	32.2	PASS
1	5	18300	8	#0	QPSK		45.31	29.2	PASS

1	5	18300	8	#0	QPSK		0.00	0	PASS
1	5	18300	8	#0	QPSK		45.39	29.2	PASS
1	5	18300	8	#0	QPSK		45.67	32.2	PASS
1	5	18300	8	#0	QPSK		54.27	35.2	PASS
1	5	18300	8	#Max	QPSK		53.96	35.2	PASS
1	5	18300	8	#Max	QPSK		46.44	32.2	PASS
1	5	18300	8	#Max	QPSK		46.16	29.2	PASS
1	5	18300	8	#Max	QPSK		0.00	0	PASS
1	5	18300	8	#Max	QPSK		44.47	29.2	PASS
1	5	18300	8	#Max	QPSK		47.34	32.2	PASS
1	5	18300	8	#Max	QPSK		54.05	35.2	PASS
1	5	18300	25	#0	QPSK		52.72	35.2	PASS
1	5	18300	25	#0	QPSK		47.84	32.2	PASS
1	5	18300	25	#0	QPSK		46.90	29.2	PASS
1	5	18300	25	#0	QPSK		0.00	0	PASS
1	5	18300	25	#0	QPSK		46.18	29.2	PASS
1	5	18300	25	#0	QPSK		47.09	32.2	PASS
1	5	18300	25	#0	QPSK		52.95	35.2	PASS
1	5	18300	8	#0	QAM16		53.03	35.2	PASS
1	5	18300	8	#0	QAM16		49.35	32.2	PASS
1	5	18300	8	#0	QAM16		46.61	29.2	PASS
1	5	18300	8	#0	QAM16		0.00	0	PASS
1	5	18300	8	#0	QAM16		45.58	29.2	PASS
1	5	18300	8	#0	QAM16		45.85	32.2	PASS
1	5	18300	8	#0	QAM16		53.28	35.2	PASS
1	5	18300	8	#Max	QAM16		53.01	35.2	PASS
1	5	18300	8	#Max	QAM16		46.68	32.2	PASS
1	5	18300	8	#Max	QAM16		46.38	29.2	PASS
1	5	18300	8	#Max	QAM16		0.00	0	PASS
1	5	18300	8	#Max	QAM16		46.87	29.2	PASS
1	5	18300	8	#Max	QAM16		49.19	32.2	PASS
1	5	18300	8	#Max	QAM16		53.11	35.2	PASS
1	5	18300	25	#0	QAM16		52.00	35.2	PASS
1	5	18300	25	#0	QAM16		48.54	32.2	PASS
1	5	18300	25	#0	QAM16		47.43	29.2	PASS
1	5	18300	25	#0	QAM16		0.00	0	PASS
1	5	18300	25	#0	QAM16		46.94	29.2	PASS
1	5	18300	25	#0	QAM16		47.95	32.2	PASS
1	5	18300	25	#0	QAM16		52.22	35.2	PASS
1	5	18575	8	#0	QPSK		53.95	35.2	PASS
1	5	18575	8	#0	QPSK		42.74	32.2	PASS
1	5	18575	8	#0	QPSK		39.84	29.2	PASS
1	5	18575	8	#0	QPSK		0.00	0	PASS

1	5	18575	8	#0	QPSK		48.08	29.2	PASS
1	5	18575	8	#0	QPSK		48.43	32.2	PASS
1	5	18575	8	#0	QPSK		54.32	35.2	PASS
1	5	18575	8	#Max	QPSK		54.05	35.2	PASS
1	5	18575	8	#Max	QPSK		47.12	32.2	PASS
1	5	18575	8	#Max	QPSK		46.79	29.2	PASS
1	5	18575	8	#Max	QPSK		0.00	0	PASS
1	5	18575	8	#Max	QPSK		40.22	29.2	PASS
1	5	18575	8	#Max	QPSK		43.23	32.2	PASS
1	5	18575	8	#Max	QPSK		54.12	35.2	PASS
1	5	18575	25	#0	QPSK		52.56	35.2	PASS
1	5	18575	25	#0	QPSK		43.47	32.2	PASS
1	5	18575	25	#0	QPSK		42.64	29.2	PASS
1	5	18575	25	#0	QPSK		0.00	0	PASS
1	5	18575	25	#0	QPSK		43.50	29.2	PASS
1	5	18575	25	#0	QPSK		44.51	32.2	PASS
1	5	18575	25	#0	QPSK		52.90	35.2	PASS
1	5	18575	8	#0	QAM16		53.03	35.2	PASS
1	5	18575	8	#0	QAM16		44.37	32.2	PASS
1	5	18575	8	#0	QAM16		41.73	29.2	PASS
1	5	18575	8	#0	QAM16		0.00	0	PASS
1	5	18575	8	#0	QAM16		48.01	29.2	PASS
1	5	18575	8	#0	QAM16		48.40	32.2	PASS
1	5	18575	8	#0	QAM16		53.35	35.2	PASS
1	5	18575	8	#Max	QAM16		53.06	35.2	PASS
1	5	18575	8	#Max	QAM16		47.12	32.2	PASS
1	5	18575	8	#Max	QAM16		46.78	29.2	PASS
1	5	18575	8	#Max	QAM16		0.00	0	PASS
1	5	18575	8	#Max	QAM16		42.53	29.2	PASS
1	5	18575	8	#Max	QAM16		45.39	32.2	PASS
1	5	18575	8	#Max	QAM16		53.16	35.2	PASS
1	5	18575	25	#0	QAM16		51.86	35.2	PASS
1	5	18575	25	#0	QAM16		44.92	32.2	PASS
1	5	18575	25	#0	QAM16		43.93	29.2	PASS
1	5	18575	25	#0	QAM16		0.00	0	PASS
1	5	18575	25	#0	QAM16		44.86	29.2	PASS
1	5	18575	25	#0	QAM16		45.80	32.2	PASS
1	5	18575	25	#0	QAM16		52.09	35.2	PASS
1	10	18050	12	#0	QPSK		53.78	35.2	PASS
1	10	18050	12	#0	QPSK		47.92	32.2	PASS
1	10	18050	12	#0	QPSK		46.46	29.2	PASS
1	10	18050	12	#0	QPSK		0.00	0	PASS
1	10	18050	12	#0	QPSK		44.91	29.2	PASS

1	10	18050	12	#0	QPSK		49.83	32.2	PASS
1	10	18050	12	#0	QPSK		48.83	35.2	PASS
1	10	18050	12	#Max	QPSK		50.79	35.2	PASS
1	10	18050	12	#Max	QPSK		51.27	32.2	PASS
1	10	18050	12	#Max	QPSK		46.82	29.2	PASS
1	10	18050	12	#Max	QPSK		0.00	0	PASS
1	10	18050	12	#Max	QPSK		45.02	29.2	PASS
1	10	18050	12	#Max	QPSK		46.05	32.2	PASS
1	10	18050	12	#Max	QPSK		54.26	35.2	PASS
1	10	18050	50	#0	QPSK		51.55	35.2	PASS
1	10	18050	50	#0	QPSK		49.78	32.2	PASS
1	10	18050	50	#0	QPSK		46.90	29.2	PASS
1	10	18050	50	#0	QPSK		0.00	0	PASS
1	10	18050	50	#0	QPSK		45.41	29.2	PASS
1	10	18050	50	#0	QPSK		47.85	32.2	PASS
1	10	18050	50	#0	QPSK		50.92	35.2	PASS
1	10	18050	12	#0	QAM16		52.76	35.2	PASS
1	10	18050	12	#0	QAM16		48.59	32.2	PASS
1	10	18050	12	#0	QAM16		46.67	29.2	PASS
1	10	18050	12	#0	QAM16		0.00	0	PASS
1	10	18050	12	#0	QAM16		45.07	29.2	PASS
1	10	18050	12	#0	QAM16		49.78	32.2	PASS
1	10	18050	12	#0	QAM16		49.02	35.2	PASS
1	10	18050	12	#Max	QAM16		50.11	35.2	PASS
1	10	18050	12	#Max	QAM16		50.61	32.2	PASS
1	10	18050	12	#Max	QAM16		46.18	29.2	PASS
1	10	18050	12	#Max	QAM16		0.00	0	PASS
1	10	18050	12	#Max	QAM16		45.98	29.2	PASS
1	10	18050	12	#Max	QAM16		47.52	32.2	PASS
1	10	18050	12	#Max	QAM16		53.14	35.2	PASS
1	10	18050	50	#0	QAM16		50.59	35.2	PASS
1	10	18050	50	#0	QAM16		48.21	32.2	PASS
1	10	18050	50	#0	QAM16		45.55	29.2	PASS
1	10	18050	50	#0	QAM16		0.00	0	PASS
1	10	18050	50	#0	QAM16		44.35	29.2	PASS
1	10	18050	50	#0	QAM16		46.68	32.2	PASS
1	10	18050	50	#0	QAM16		50.07	35.2	PASS
1	10	18300	12	#0	QPSK		53.38	35.2	PASS
1	10	18300	12	#0	QPSK		47.82	32.2	PASS
1	10	18300	12	#0	QPSK		46.30	29.2	PASS
1	10	18300	12	#0	QPSK		0.00	0	PASS
1	10	18300	12	#0	QPSK		45.39	29.2	PASS
1	10	18300	12	#0	QPSK		50.12	32.2	PASS

1	10	18300	12	#0	QPSK		49.40	35.2	PASS
1	10	18300	12	#Max	QPSK		49.24	35.2	PASS
1	10	18300	12	#Max	QPSK		50.35	32.2	PASS
1	10	18300	12	#Max	QPSK		45.46	29.2	PASS
1	10	18300	12	#Max	QPSK		0.00	0	PASS
1	10	18300	12	#Max	QPSK		45.14	29.2	PASS
1	10	18300	12	#Max	QPSK		46.24	32.2	PASS
1	10	18300	12	#Max	QPSK		53.94	35.2	PASS
1	10	18300	50	#0	QPSK		50.38	35.2	PASS
1	10	18300	50	#0	QPSK		48.39	32.2	PASS
1	10	18300	50	#0	QPSK		45.62	29.2	PASS
1	10	18300	50	#0	QPSK		0.00	0	PASS
1	10	18300	50	#0	QPSK		44.72	29.2	PASS
1	10	18300	50	#0	QPSK		46.98	32.2	PASS
1	10	18300	50	#0	QPSK		50.46	35.2	PASS
1	10	18300	12	#0	QAM16		52.53	35.2	PASS
1	10	18300	12	#0	QAM16		48.10	32.2	PASS
1	10	18300	12	#0	QAM16		46.24	29.2	PASS
1	10	18300	12	#0	QAM16		0.00	0	PASS
1	10	18300	12	#0	QAM16		45.76	29.2	PASS
1	10	18300	12	#0	QAM16		50.33	32.2	PASS
1	10	18300	12	#0	QAM16		49.73	35.2	PASS
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1	10	18300	12	#Max	QAM16		45.45	29.2	PASS
1	10	18300	12	#Max	QAM16		0.00	0	PASS
1	10	18300	12	#Max	QAM16		45.44	29.2	PASS
1	10	18300	12	#Max	QAM16		46.95	32.2	PASS
1	10	18300	12	#Max	QAM16		52.96	35.2	PASS
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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		45.20	29.2	PASS
1	10	18300	50	#0	QAM16		47.70	32.2	PASS
1	10	18300	50	#0	QAM16		50.55	35.2	PASS
1	10	18550	12	#0	QPSK		53.19	35.2	PASS
1	10	18550	12	#0	QPSK		44.50	32.2	PASS
1	10	18550	12	#0	QPSK		43.53	29.2	PASS
1	10	18550	12	#0	QPSK		0.00	0	PASS
1	10	18550	12	#0	QPSK		46.45	29.2	PASS
1	10	18550	12	#0	QPSK		50.90	32.2	PASS
1	10	18550	12	#0	QPSK		50.34	35.2	PASS

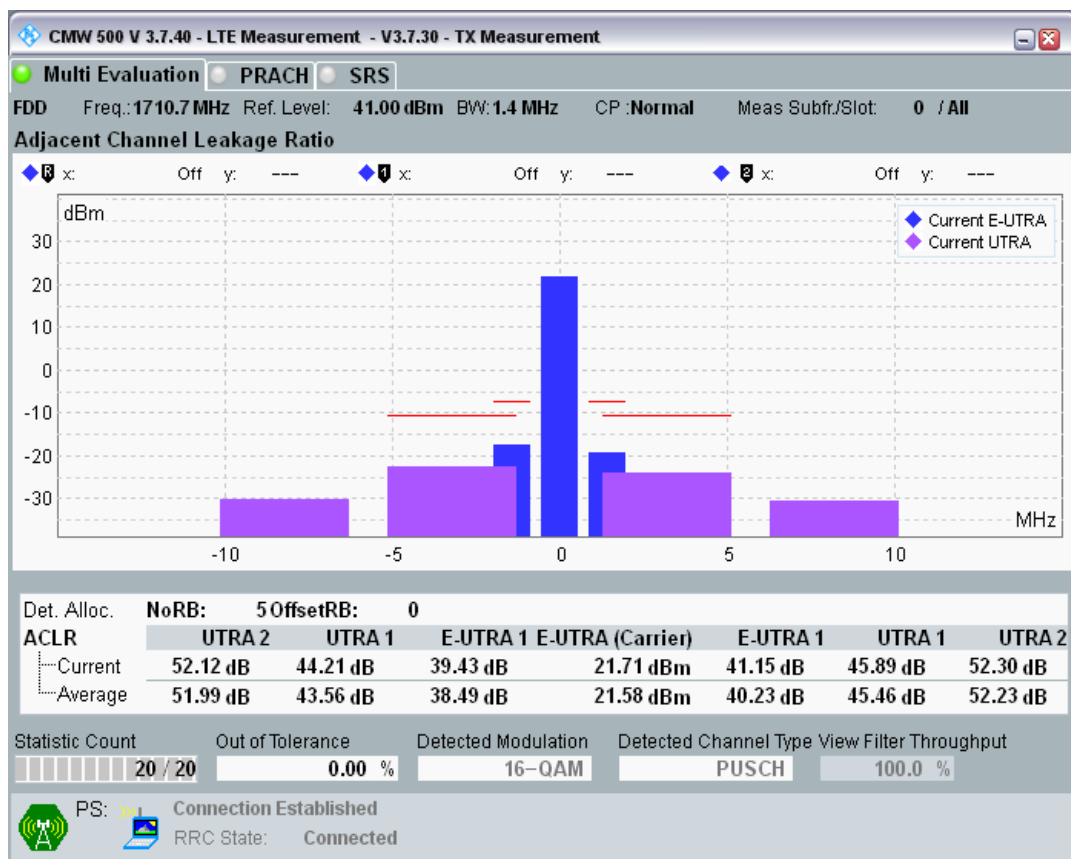
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1	10	18550	12	#Max	QPSK		46.35	29.2	PASS
1	10	18550	12	#Max	QPSK		0.00	0	PASS
1	10	18550	12	#Max	QPSK		43.12	29.2	PASS
1	10	18550	12	#Max	QPSK		44.04	32.2	PASS
1	10	18550	12	#Max	QPSK		53.64	35.2	PASS
1	10	18550	50	#0	QPSK		49.44	35.2	PASS
1	10	18550	50	#0	QPSK		45.46	32.2	PASS
1	10	18550	50	#0	QPSK		43.37	29.2	PASS
1	10	18550	50	#0	QPSK		0.00	0	PASS
1	10	18550	50	#0	QPSK		43.59	29.2	PASS
1	10	18550	50	#0	QPSK		45.41	32.2	PASS
1	10	18550	50	#0	QPSK		50.39	35.2	PASS
1	10	18550	12	#0	QAM16		52.21	35.2	PASS
1	10	18550	12	#0	QAM16		46.20	32.2	PASS
1	10	18550	12	#0	QAM16		44.66	29.2	PASS
1	10	18550	12	#0	QAM16		0.00	0	PASS
1	10	18550	12	#0	QAM16		46.44	29.2	PASS
1	10	18550	12	#0	QAM16		50.64	32.2	PASS
1	10	18550	12	#0	QAM16		50.51	35.2	PASS
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1	10	18550	12	#Max	QAM16		46.16	29.2	PASS
1	10	18550	12	#Max	QAM16		0.00	0	PASS
1	10	18550	12	#Max	QAM16		44.48	29.2	PASS
1	10	18550	12	#Max	QAM16		45.95	32.2	PASS
1	10	18550	12	#Max	QAM16		52.66	35.2	PASS
1	10	18550	50	#0	QAM16		49.73	35.2	PASS
1	10	18550	50	#0	QAM16		46.74	32.2	PASS
1	10	18550	50	#0	QAM16		44.33	29.2	PASS
1	10	18550	50	#0	QAM16		0.00	0	PASS
1	10	18550	50	#0	QAM16		44.56	29.2	PASS
1	10	18550	50	#0	QAM16		46.73	32.2	PASS
1	10	18550	50	#0	QAM16		50.44	35.2	PASS
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1	20	18100	18	#0	QPSK		48.03	32.2	PASS
1	20	18100	18	#0	QPSK		45.64	29.2	PASS
1	20	18100	18	#0	QPSK		0.00	0	PASS
1	20	18100	18	#0	QPSK		43.81	29.2	PASS
1	20	18100	18	#0	QPSK		53.89	32.2	PASS
1	20	18100	18	#0	QPSK		52.45	35.2	PASS
1	20	18100	18	#Max	QPSK		52.39	35.2	PASS

1	20	18100	18	#Max	QPSK		53.09	32.2	PASS
1	20	18100	18	#Max	QPSK		45.92	29.2	PASS
1	20	18100	18	#Max	QPSK		0.00	0	PASS
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1	20	18100	18	#Max	QPSK		53.53	35.2	PASS
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1	20	18100	100	#0	QPSK		50.43	32.2	PASS
1	20	18100	100	#0	QPSK		45.02	29.2	PASS
1	20	18100	100	#0	QPSK		0.00	0	PASS
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1	20	18100	100	#0	QPSK		48.76	32.2	PASS
1	20	18100	100	#0	QPSK		49.89	35.2	PASS
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1	20	18100	18	#0	QAM16		43.67	29.2	PASS
1	20	18100	18	#0	QAM16		52.49	32.2	PASS
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1	20	18100	100	#0	QAM16		44.28	29.2	PASS
1	20	18100	100	#0	QAM16		0.00	0	PASS
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1	20	18100	100	#0	QAM16		48.40	32.2	PASS
1	20	18100	100	#0	QAM16		49.57	35.2	PASS
1	20	18300	18	#0	QPSK		52.49	35.2	PASS
1	20	18300	18	#0	QPSK		48.79	32.2	PASS
1	20	18300	18	#0	QPSK		45.47	29.2	PASS
1	20	18300	18	#0	QPSK		0.00	0	PASS
1	20	18300	18	#0	QPSK		44.15	29.2	PASS
1	20	18300	18	#0	QPSK		53.33	32.2	PASS
1	20	18300	18	#0	QPSK		52.50	35.2	PASS
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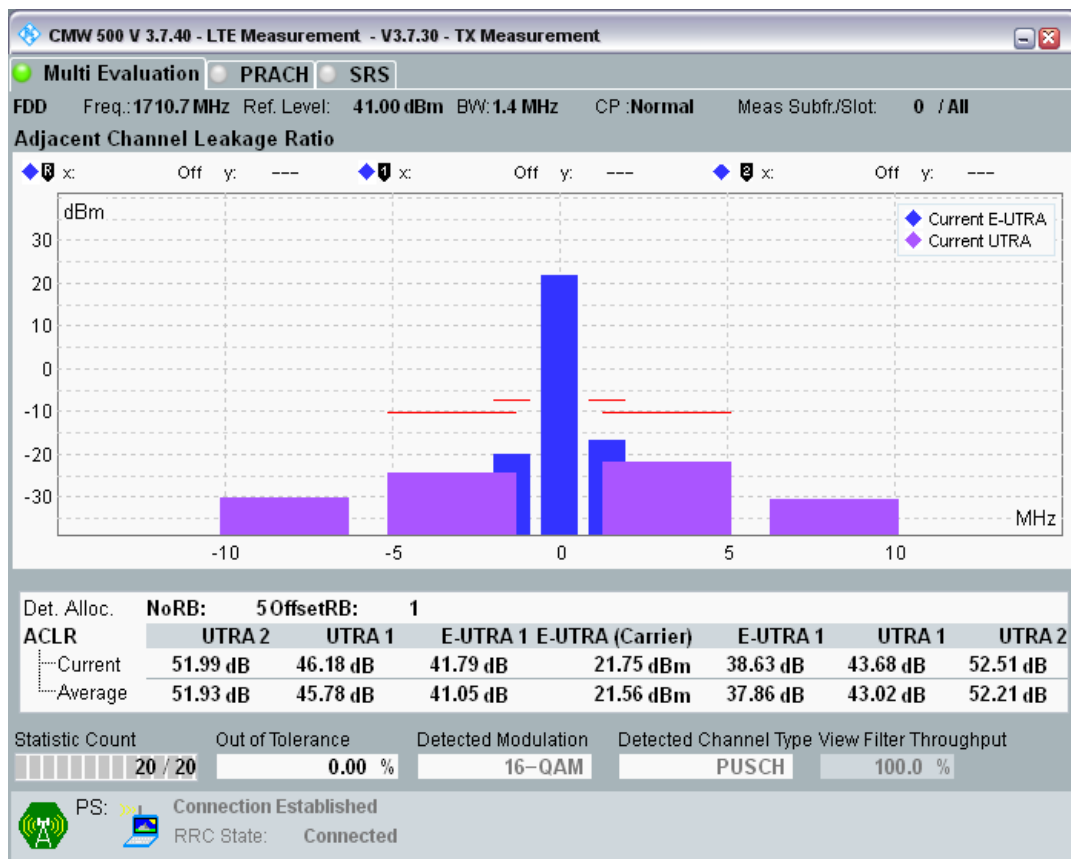
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1	20	18300	18	#Max	QPSK		48.15	32.2	PASS
1	20	18300	18	#Max	QPSK		53.24	35.2	PASS
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1	20	18300	100	#0	QPSK		49.89	32.2	PASS
1	20	18300	100	#0	QPSK		44.44	29.2	PASS
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1	20	18300	100	#0	QPSK		43.59	29.2	PASS
1	20	18300	100	#0	QPSK		48.93	32.2	PASS
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1	20	18300	18	#0	QAM16		51.47	35.2	PASS
1	20	18300	18	#0	QAM16		48.36	32.2	PASS
1	20	18300	18	#0	QAM16		44.74	29.2	PASS
1	20	18300	18	#0	QAM16		0.00	0	PASS
1	20	18300	18	#0	QAM16		43.83	29.2	PASS
1	20	18300	18	#0	QAM16		52.34	32.2	PASS
1	20	18300	18	#0	QAM16		51.96	35.2	PASS
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1	20	18300	18	#Max	QAM16		51.54	32.2	PASS
1	20	18300	18	#Max	QAM16		44.38	29.2	PASS
1	20	18300	18	#Max	QAM16		0.00	0	PASS
1	20	18300	18	#Max	QAM16		44.67	29.2	PASS
1	20	18300	18	#Max	QAM16		48.41	32.2	PASS
1	20	18300	18	#Max	QAM16		52.10	35.2	PASS
1	20	18300	100	#0	QAM16		49.71	35.2	PASS
1	20	18300	100	#0	QAM16		49.32	32.2	PASS
1	20	18300	100	#0	QAM16		43.78	29.2	PASS
1	20	18300	100	#0	QAM16		0.00	0	PASS
1	20	18300	100	#0	QAM16		43.19	29.2	PASS
1	20	18300	100	#0	QAM16		48.56	32.2	PASS
1	20	18300	100	#0	QAM16		49.52	35.2	PASS
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1	20	18500	18	#0	QPSK		48.82	32.2	PASS
1	20	18500	18	#0	QPSK		45.33	29.2	PASS
1	20	18500	18	#0	QPSK		0.00	0	PASS
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1	20	18500	18	#0	QPSK		52.56	35.2	PASS
1	20	18500	18	#Max	QPSK		51.79	35.2	PASS
1	20	18500	18	#Max	QPSK		52.74	32.2	PASS
1	20	18500	18	#Max	QPSK		44.88	29.2	PASS

1	20	18500	18	#Max	QPSK		0.00	0	PASS
1	20	18500	18	#Max	QPSK		44.88	29.2	PASS
1	20	18500	18	#Max	QPSK		46.03	32.2	PASS
1	20	18500	18	#Max	QPSK		53.40	35.2	PASS
1	20	18500	100	#0	QPSK		49.78	35.2	PASS
1	20	18500	100	#0	QPSK		49.17	32.2	PASS
1	20	18500	100	#0	QPSK		43.73	29.2	PASS
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1	20	18500	100	#0	QPSK		48.68	32.2	PASS
1	20	18500	100	#0	QPSK		49.84	35.2	PASS
1	20	18500	18	#0	QAM16		51.09	35.2	PASS
1	20	18500	18	#0	QAM16		48.62	32.2	PASS
1	20	18500	18	#0	QAM16		44.51	29.2	PASS
1	20	18500	18	#0	QAM16		0.00	0	PASS
1	20	18500	18	#0	QAM16		44.78	29.2	PASS
1	20	18500	18	#0	QAM16		52.03	32.2	PASS
1	20	18500	18	#0	QAM16		51.77	35.2	PASS
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1	20	18500	18	#Max	QAM16		44.29	29.2	PASS
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1	20	18500	18	#Max	QAM16		46.87	32.2	PASS
1	20	18500	18	#Max	QAM16		52.34	35.2	PASS
1	20	18500	100	#0	QAM16		49.52	35.2	PASS
1	20	18500	100	#0	QAM16		49.12	32.2	PASS
1	20	18500	100	#0	QAM16		43.57	29.2	PASS
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1	20	18500	100	#0	QAM16		43.74	29.2	PASS
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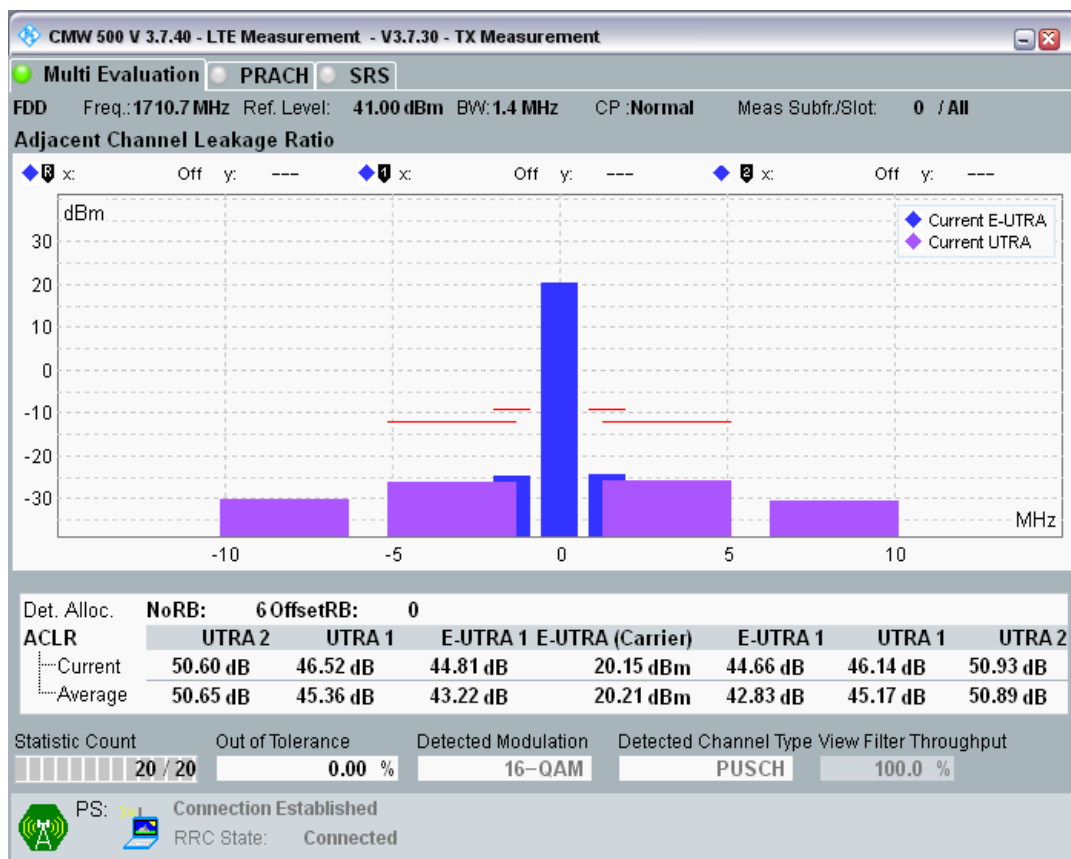
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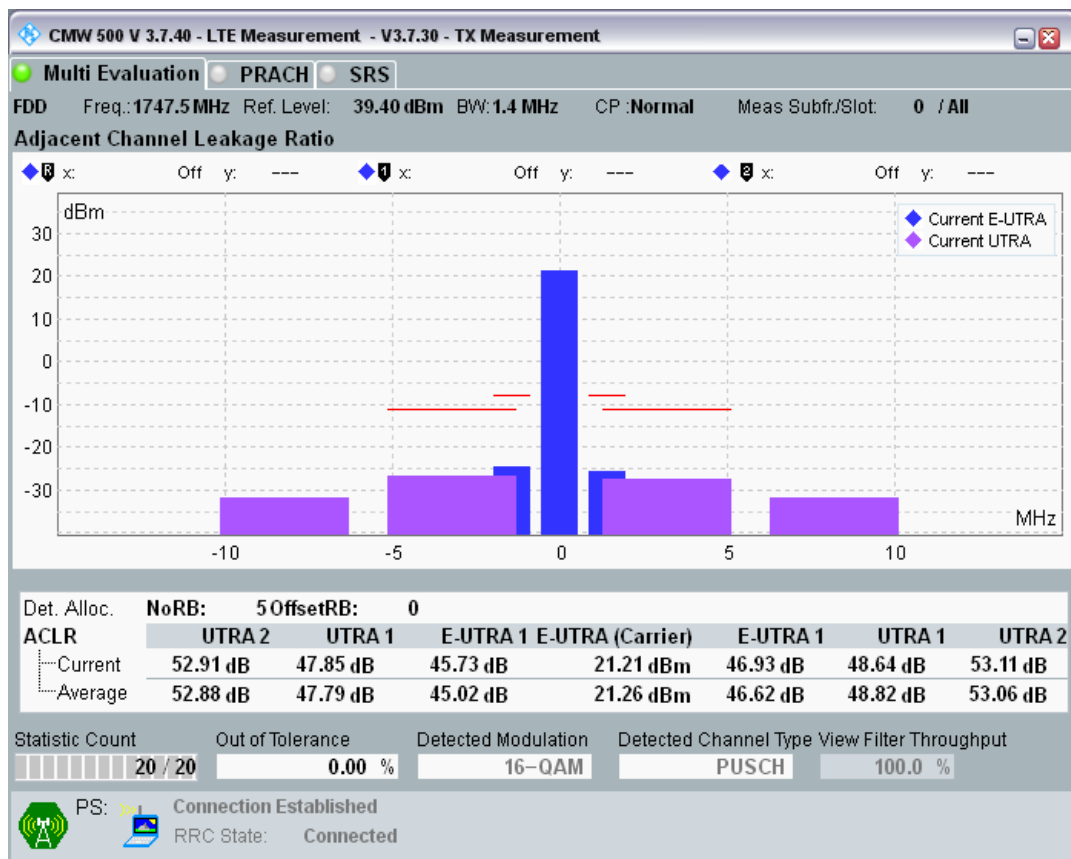
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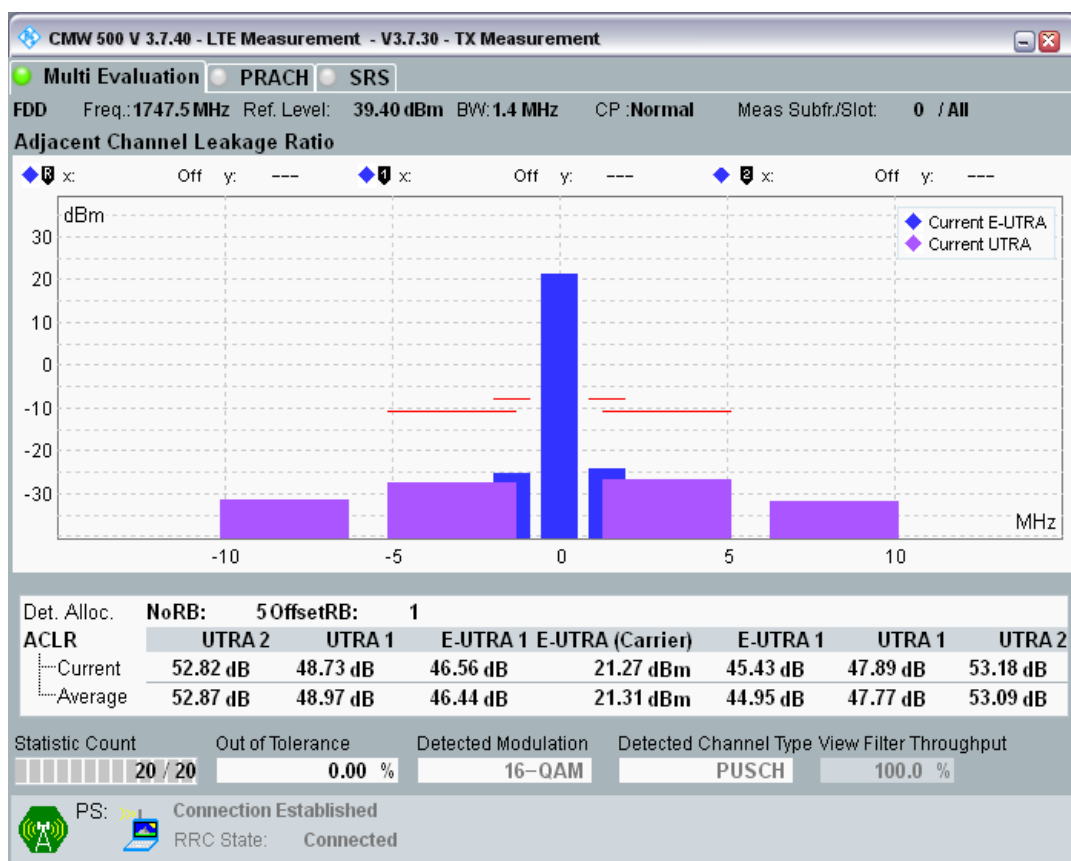
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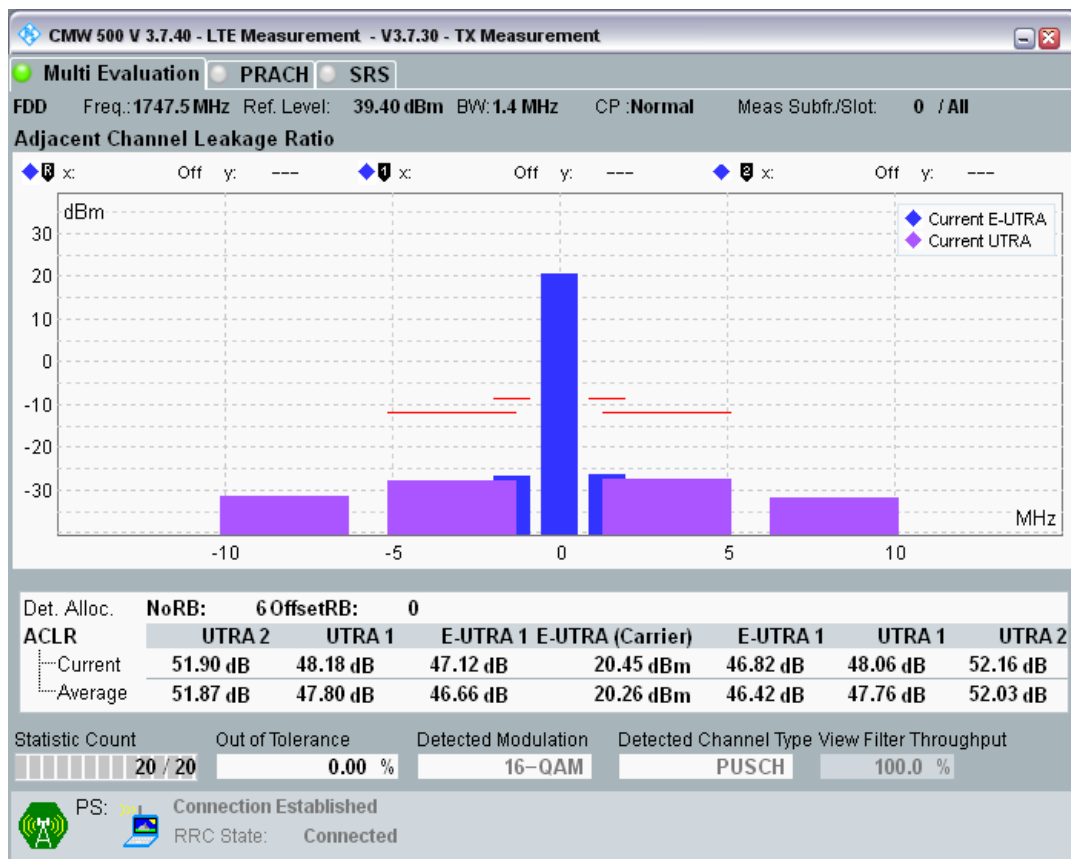
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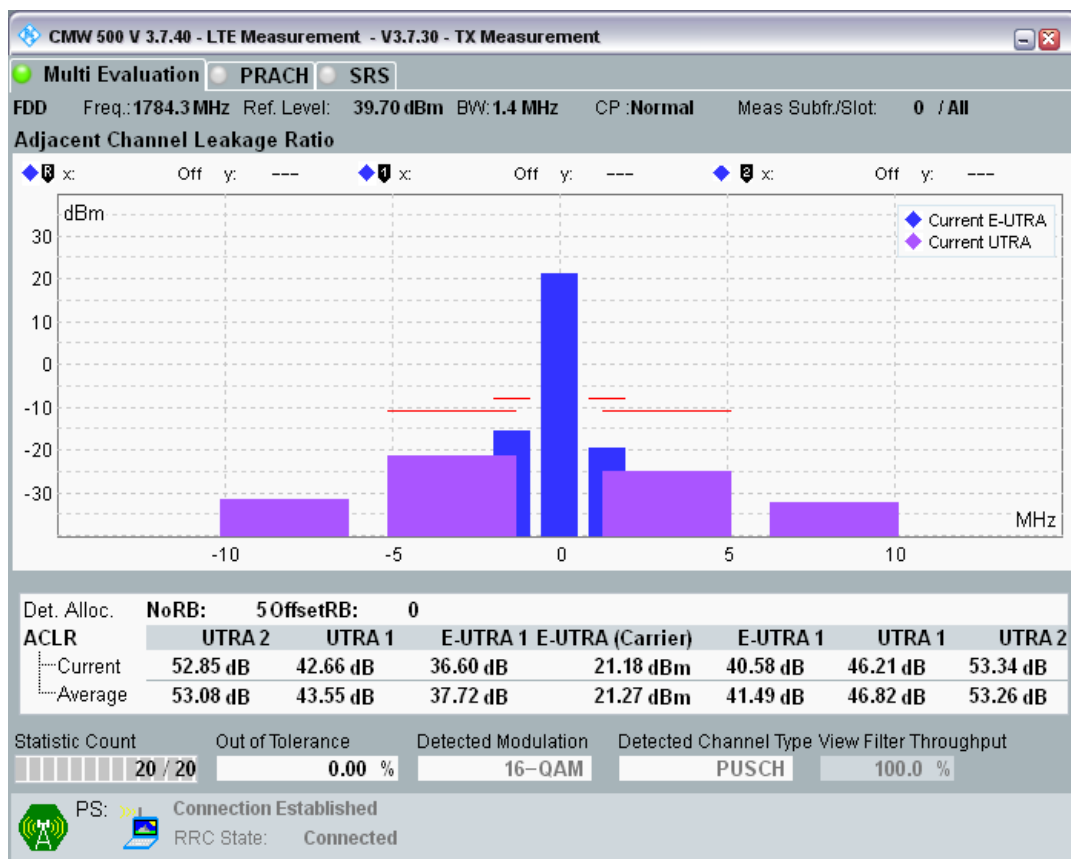
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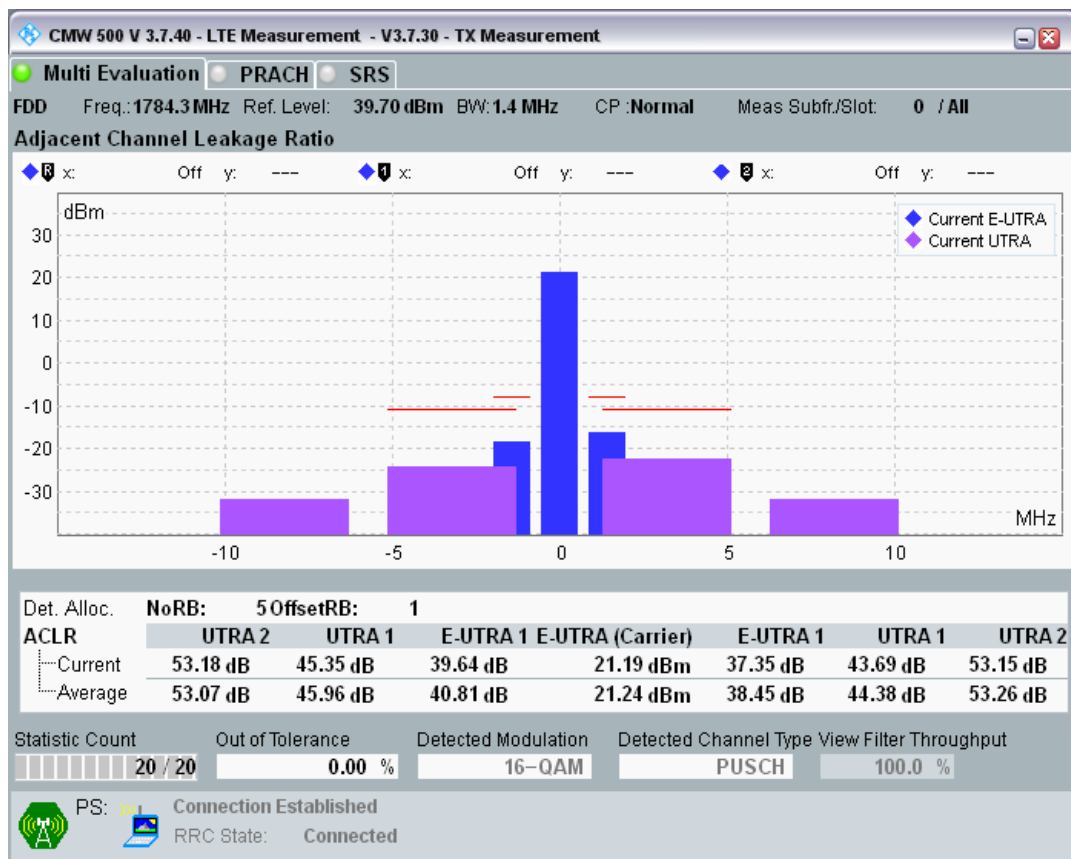
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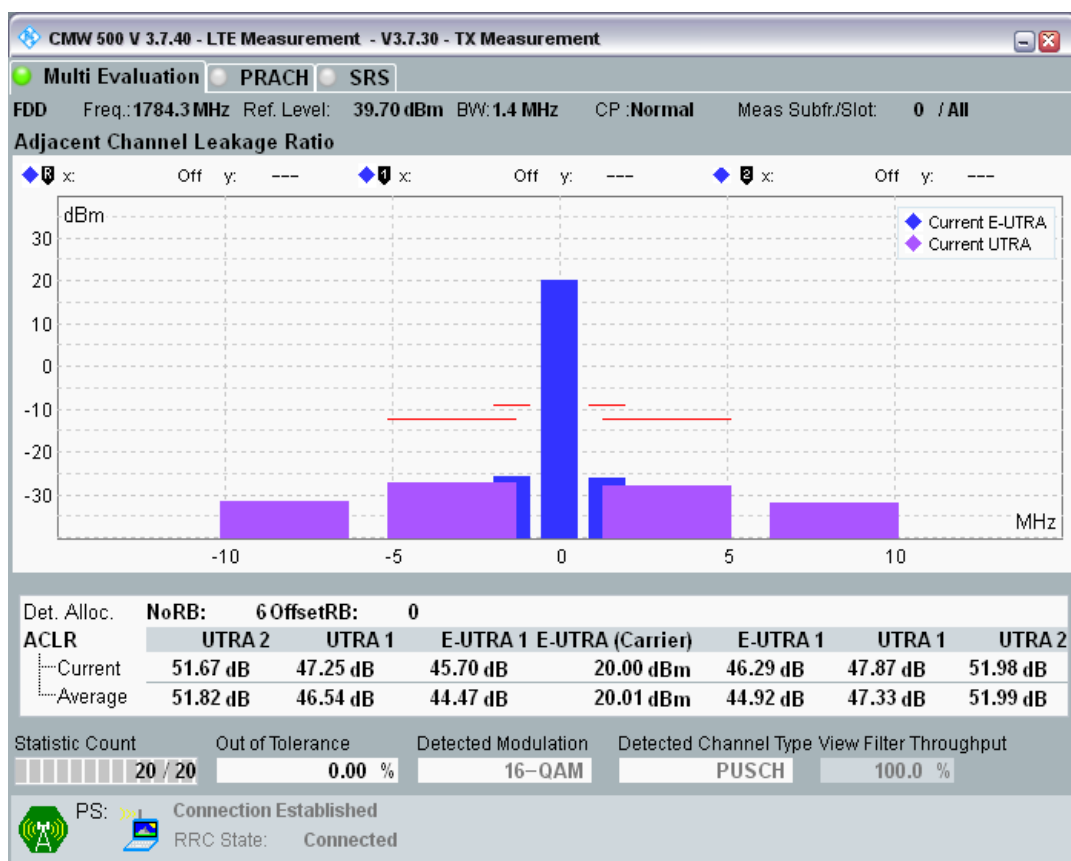
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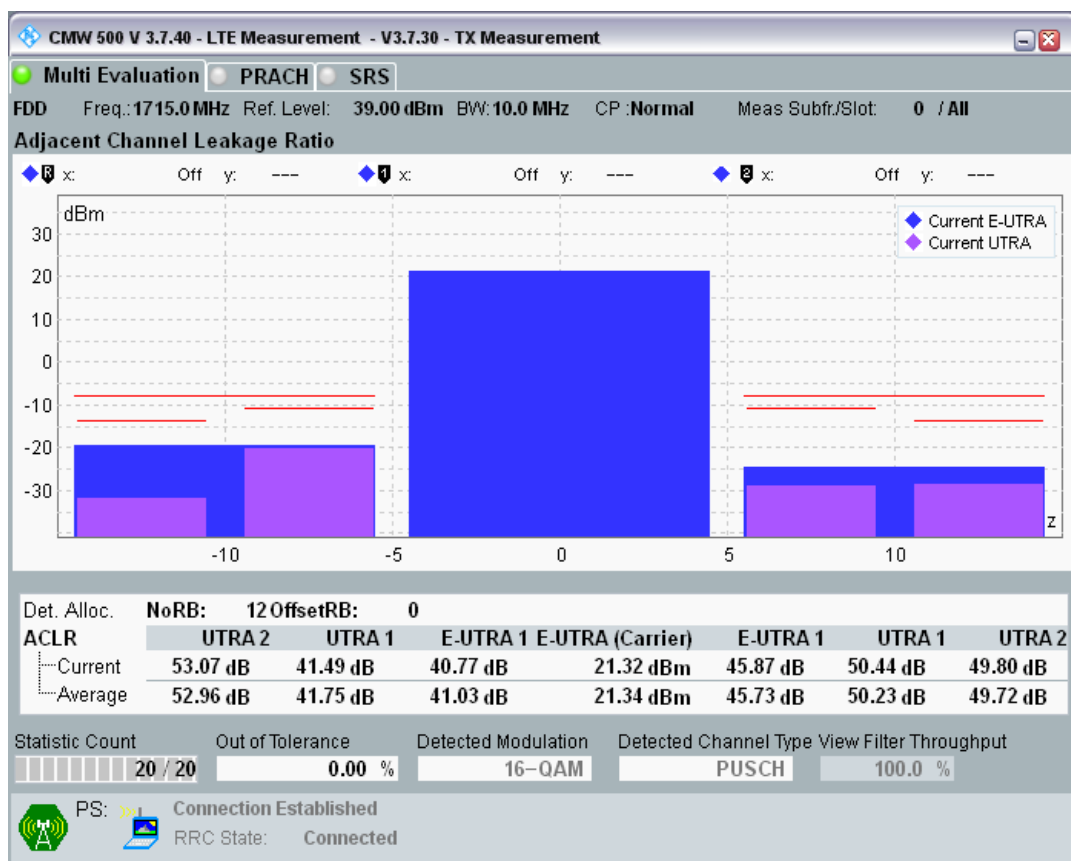
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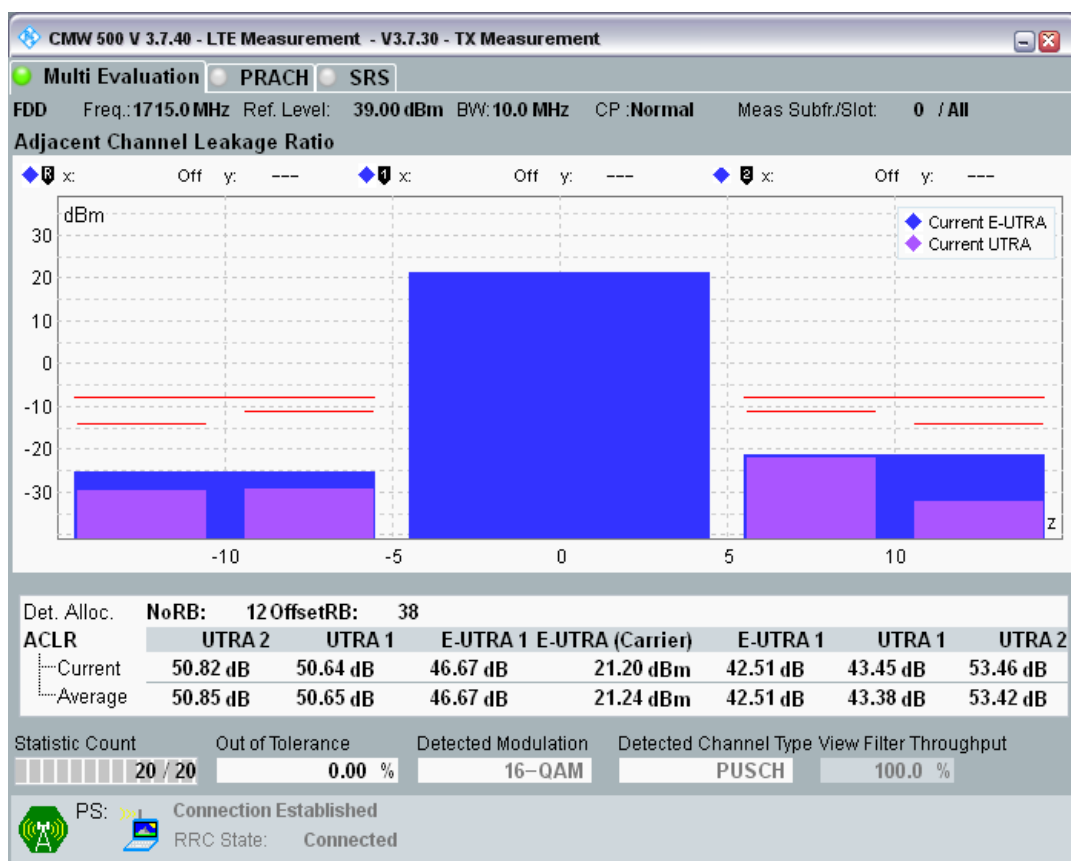
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Band3 QAM16 BW=10MHz Channel=19250 RB Size=12 Position=#0.png



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



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



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



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



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



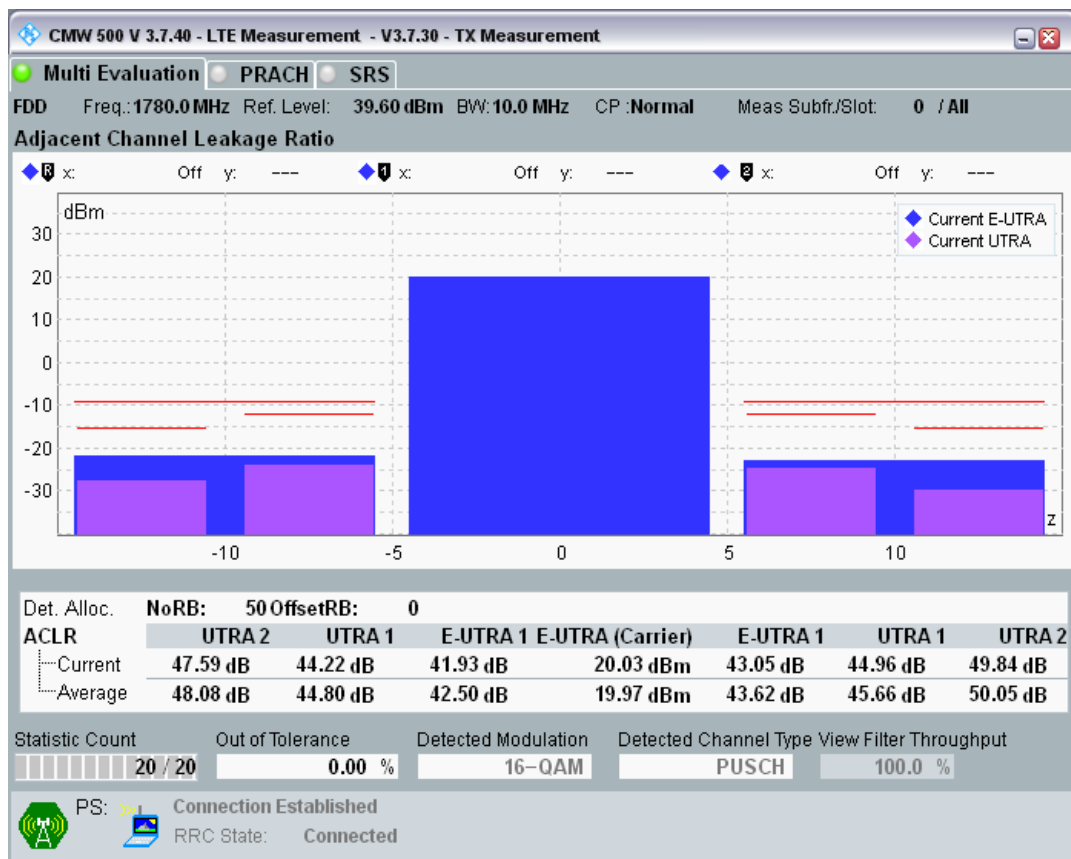
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Band3 QAM16 BW=10MHz Channel=19900 RB Size=12 Position=#Max.png



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



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



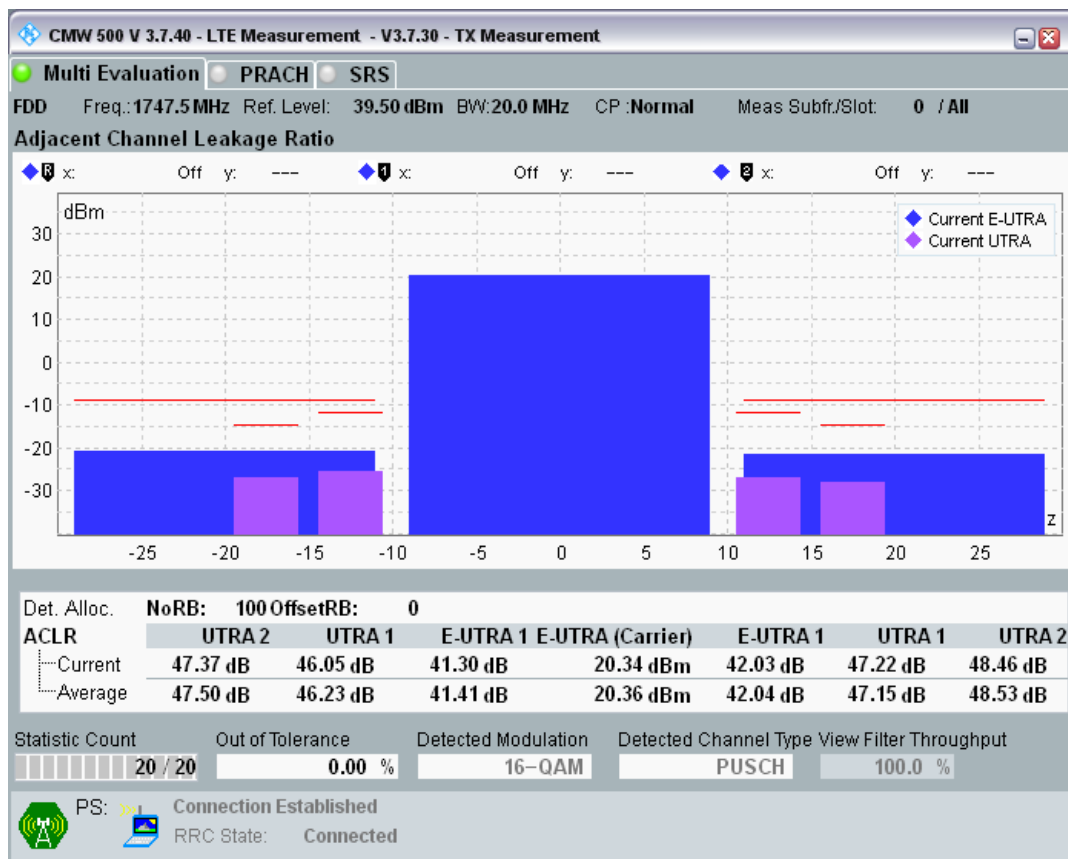
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Band3 QAM16 BW=20MHz Channel=19300 RB Size=18 Position=#Max.png



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



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



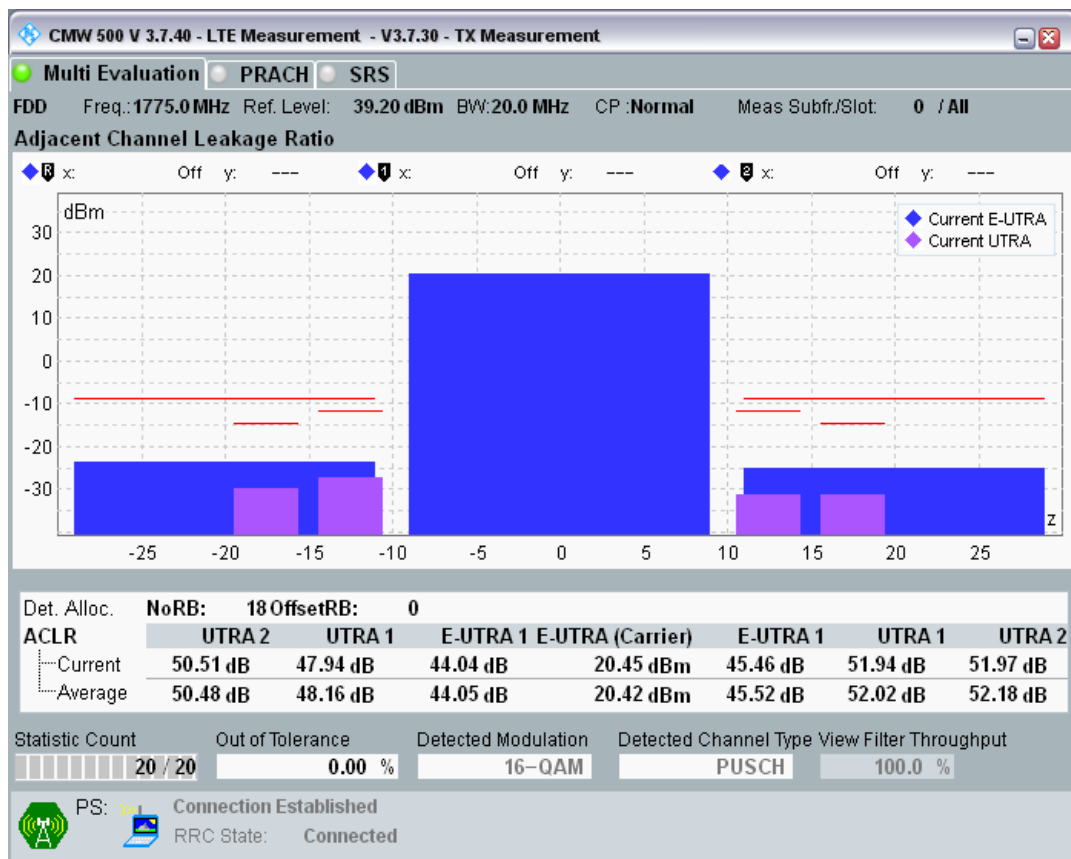
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Band3 QAM16 BW=20MHz Channel=19850 RB Size=100 Position=#0.png



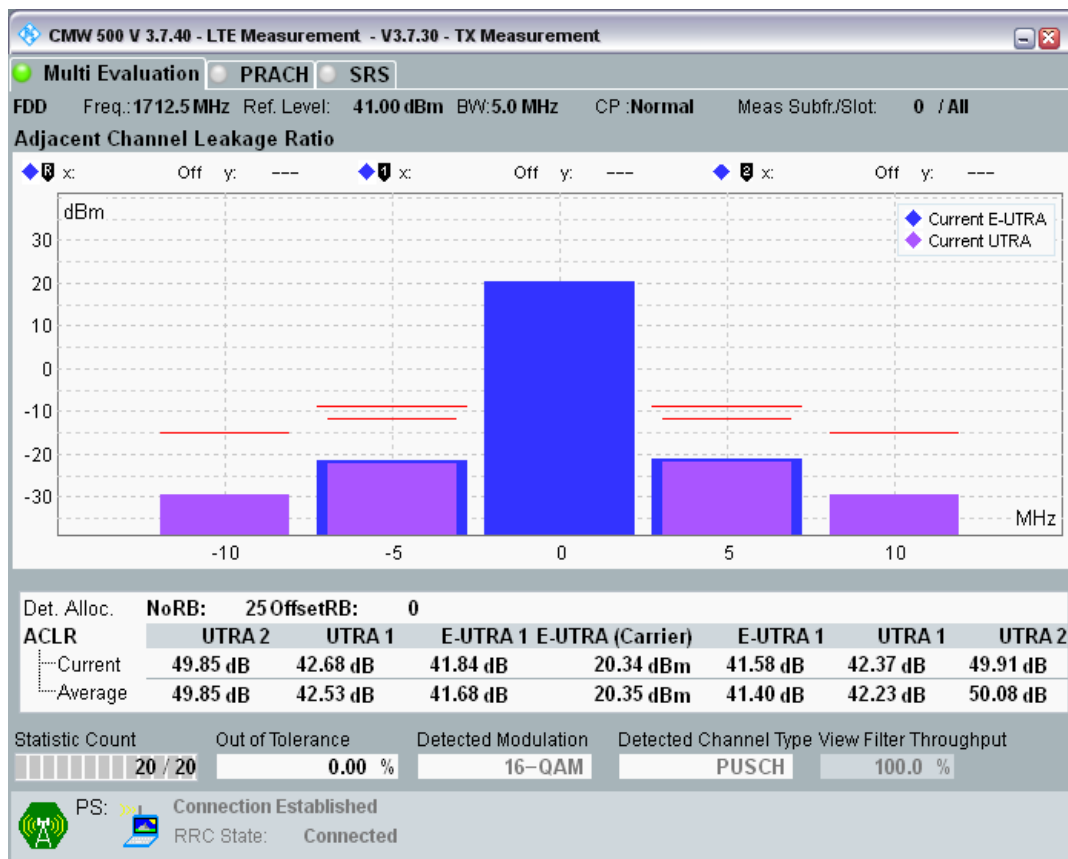
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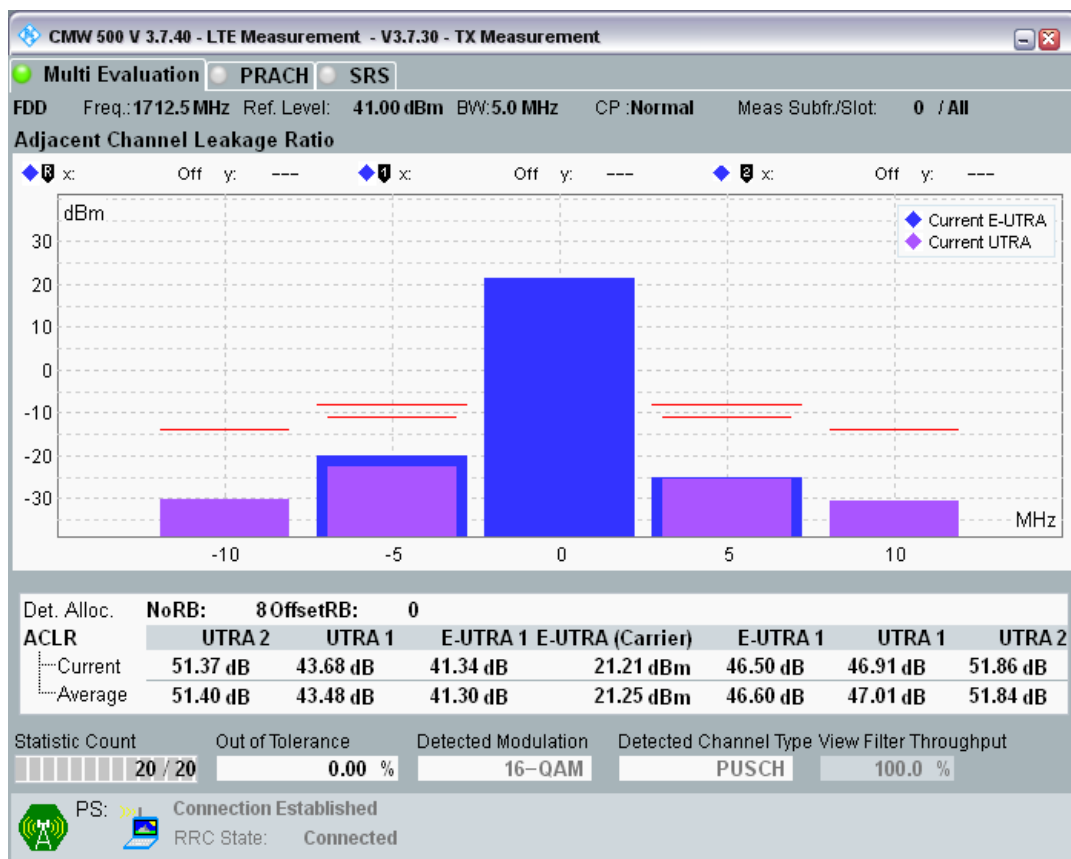
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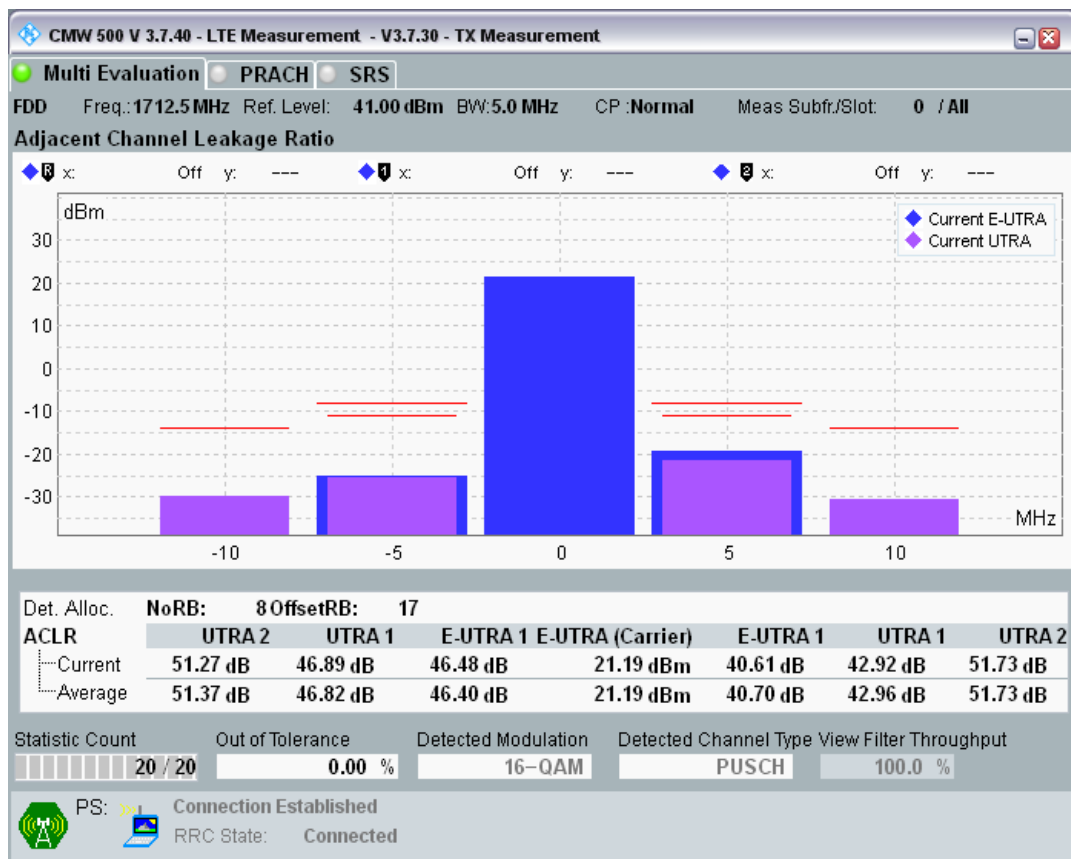
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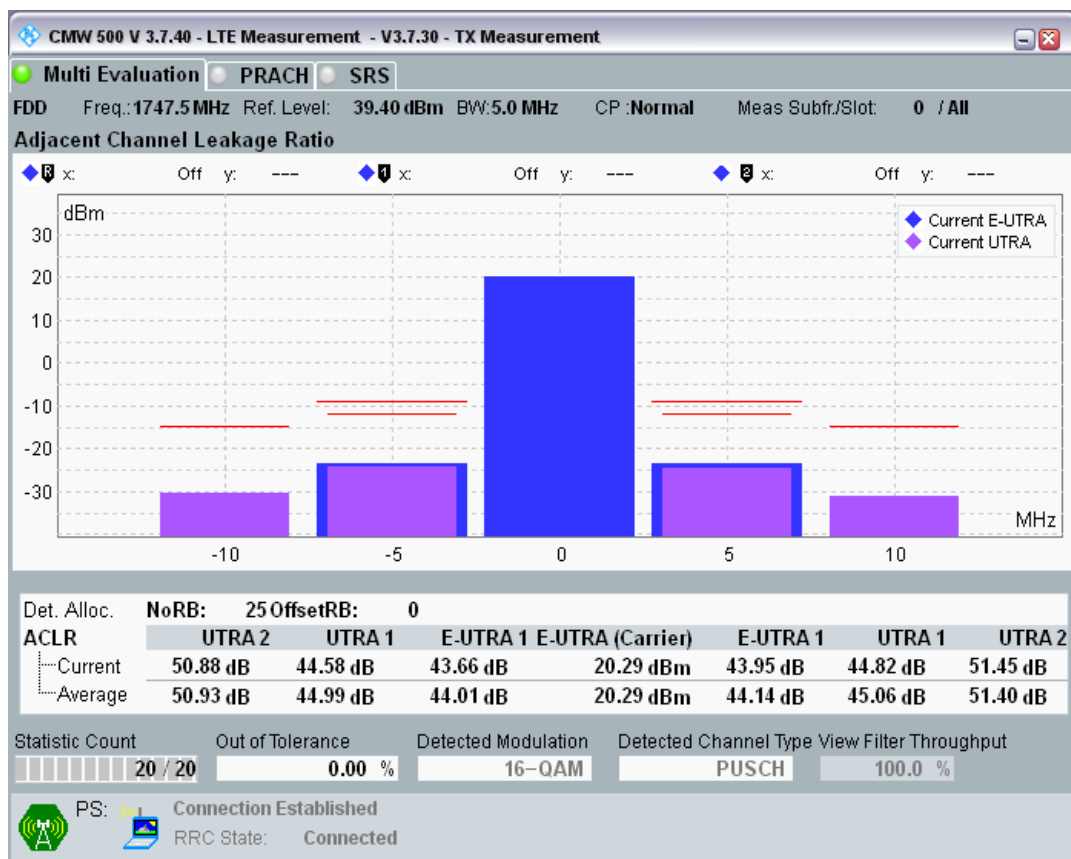
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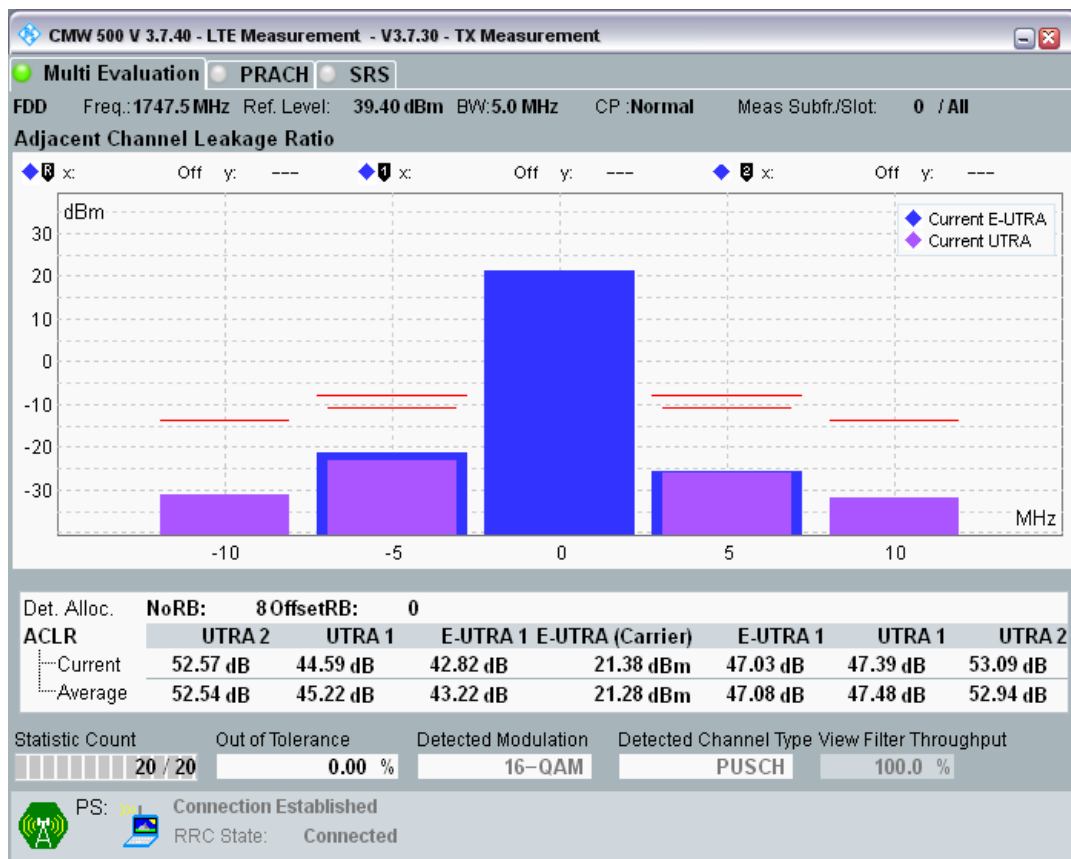
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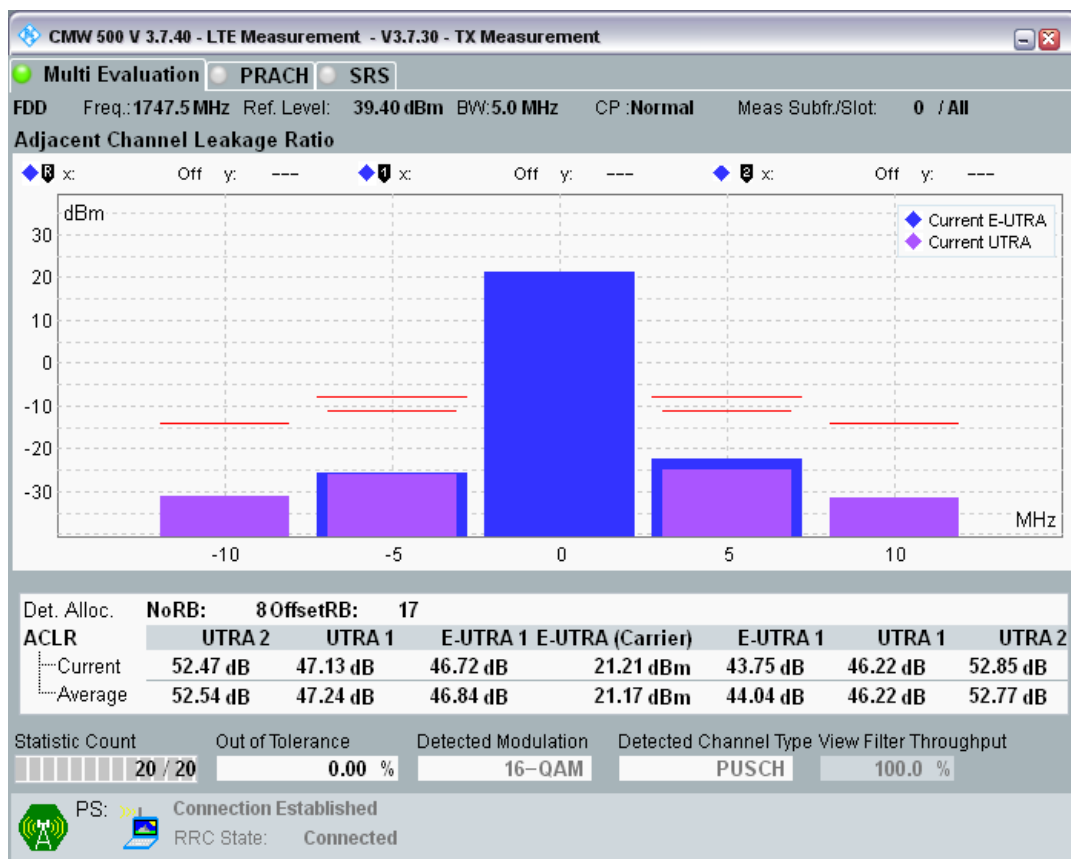
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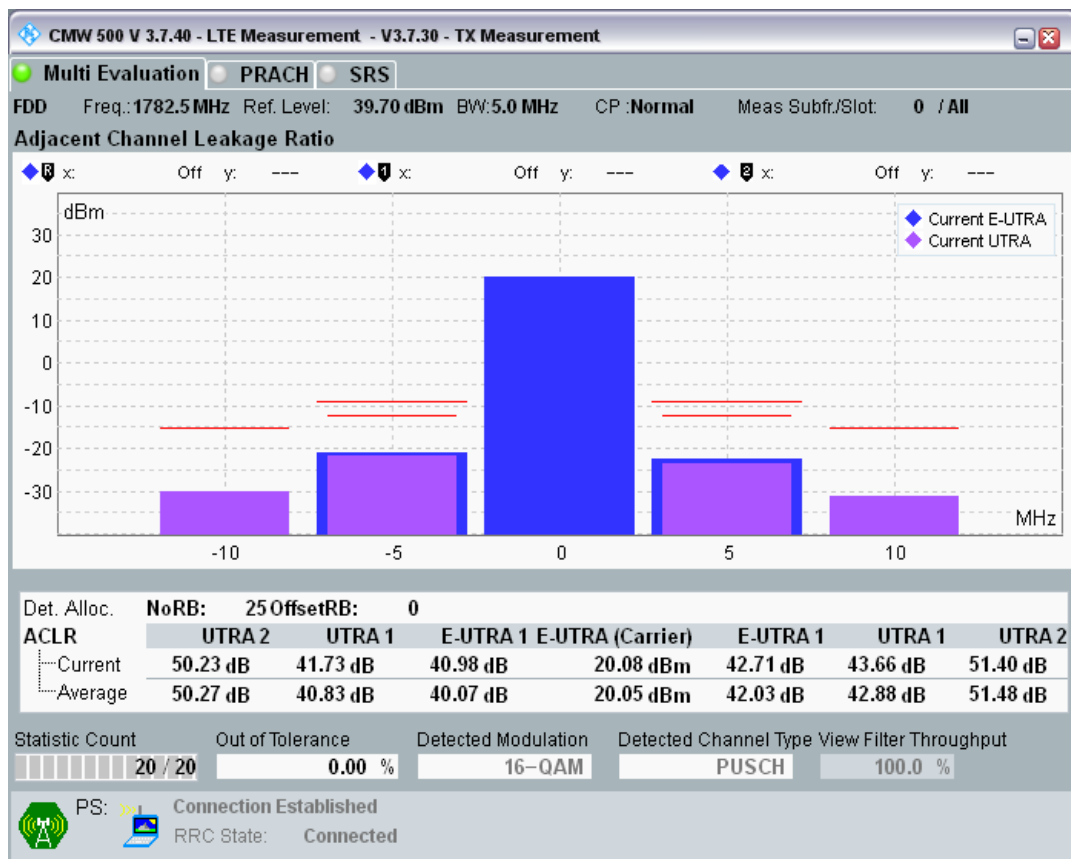
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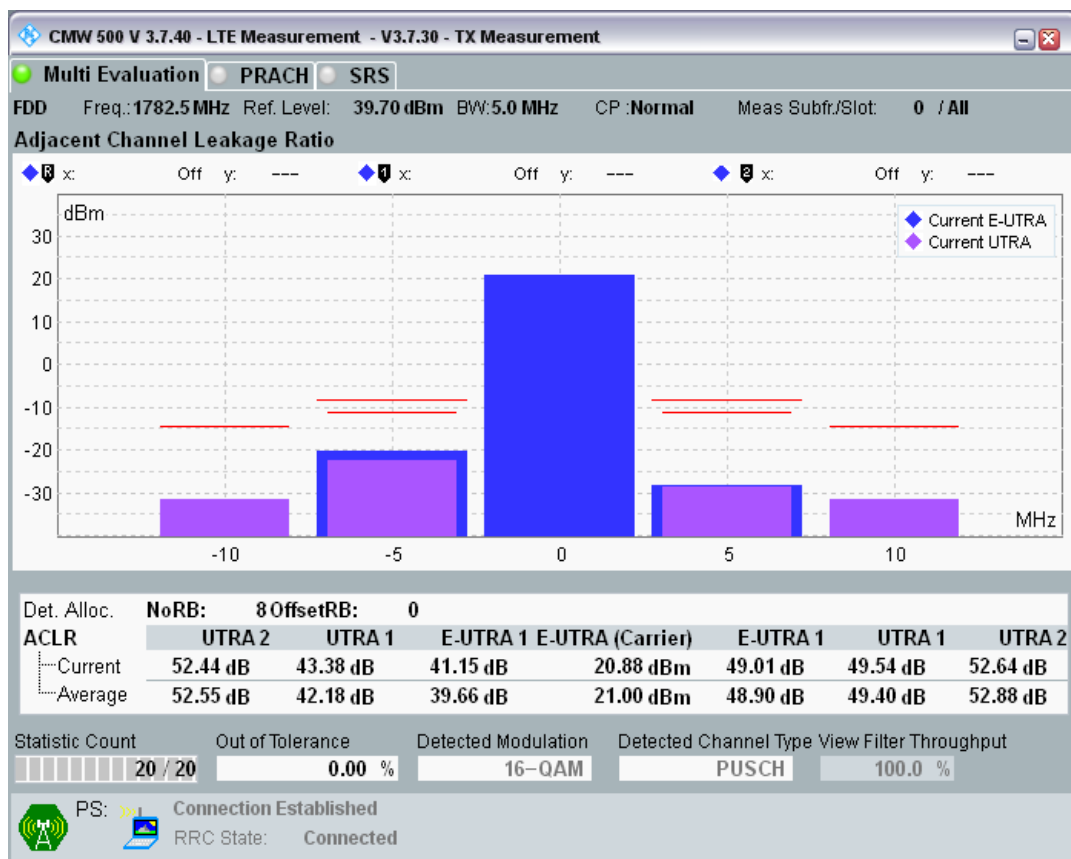
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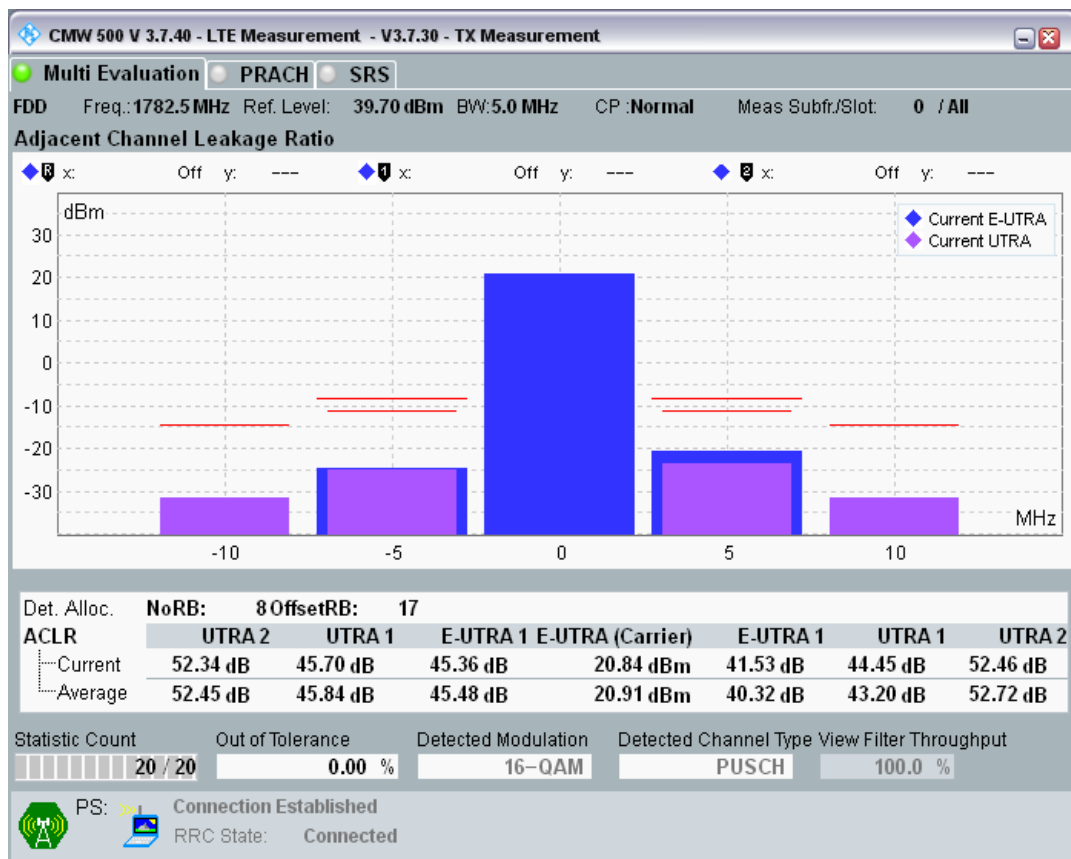
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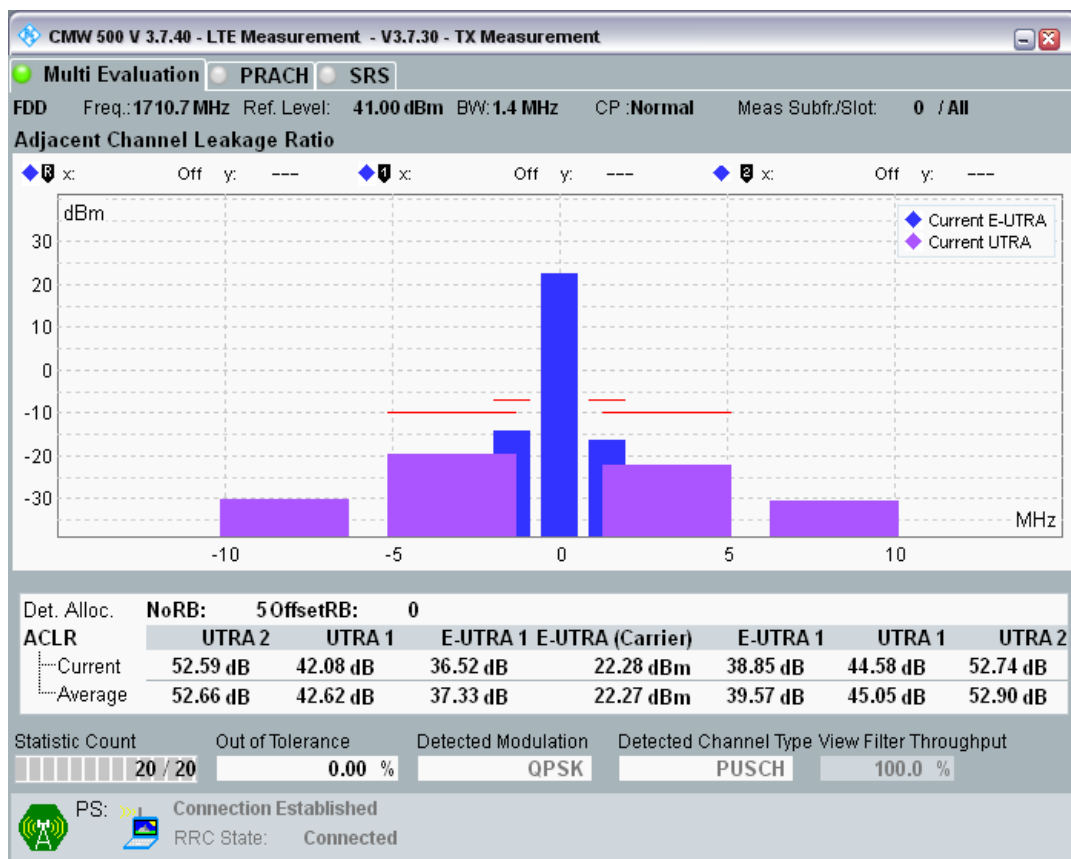
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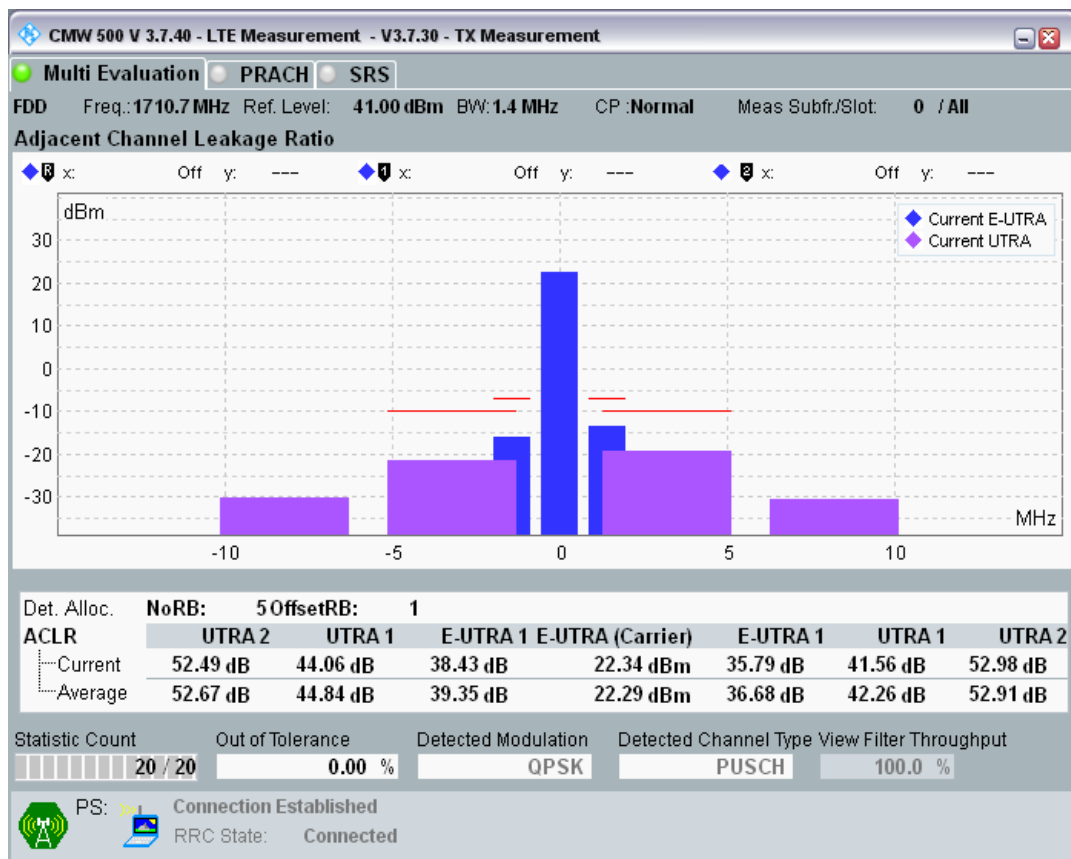
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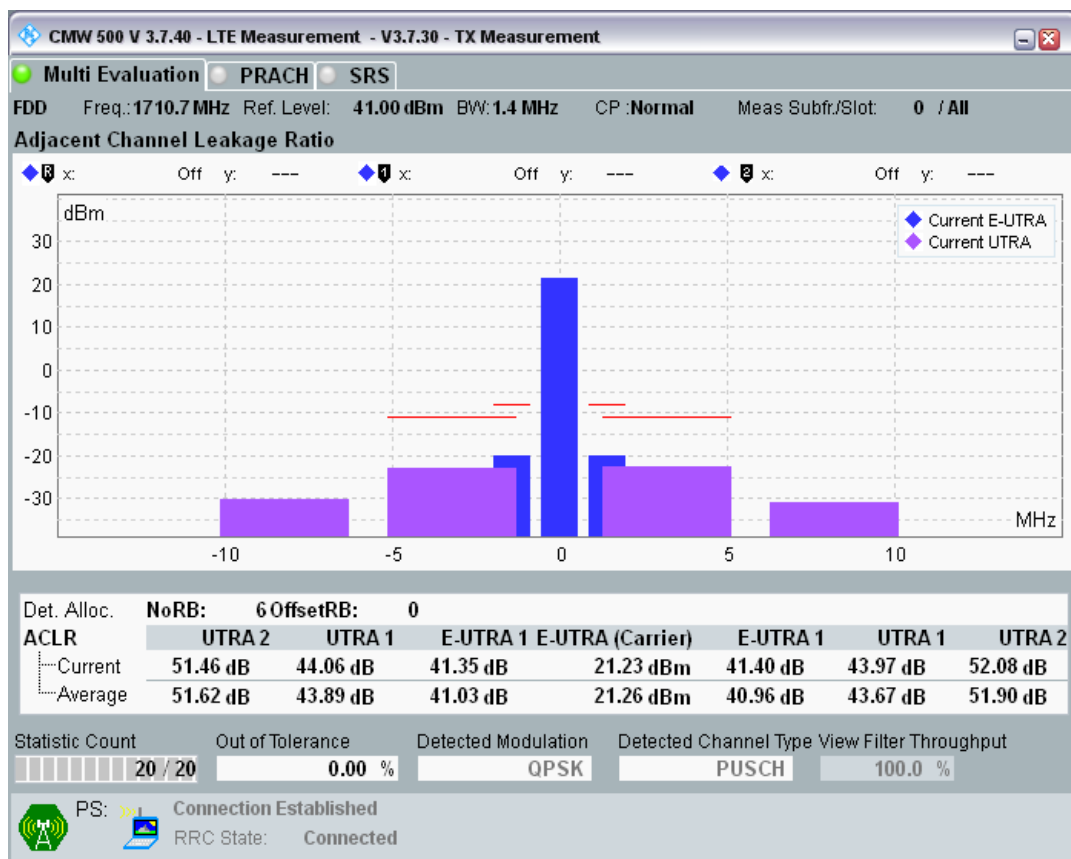
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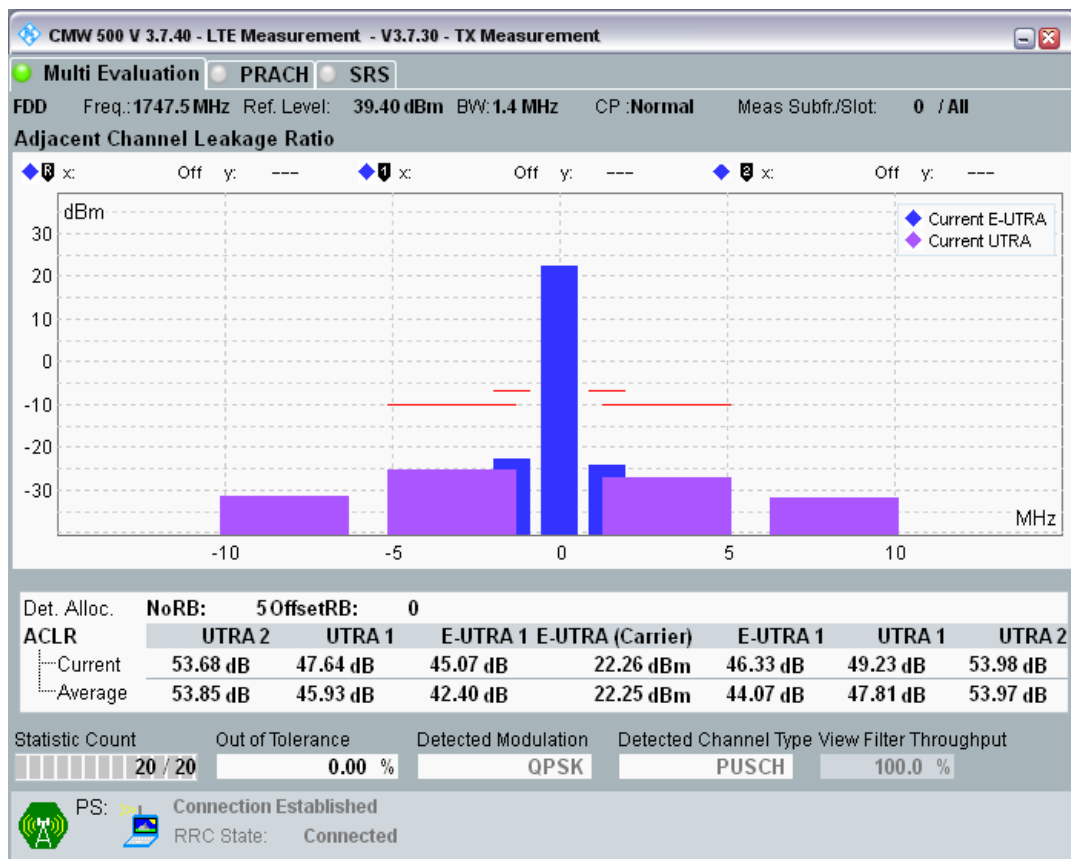
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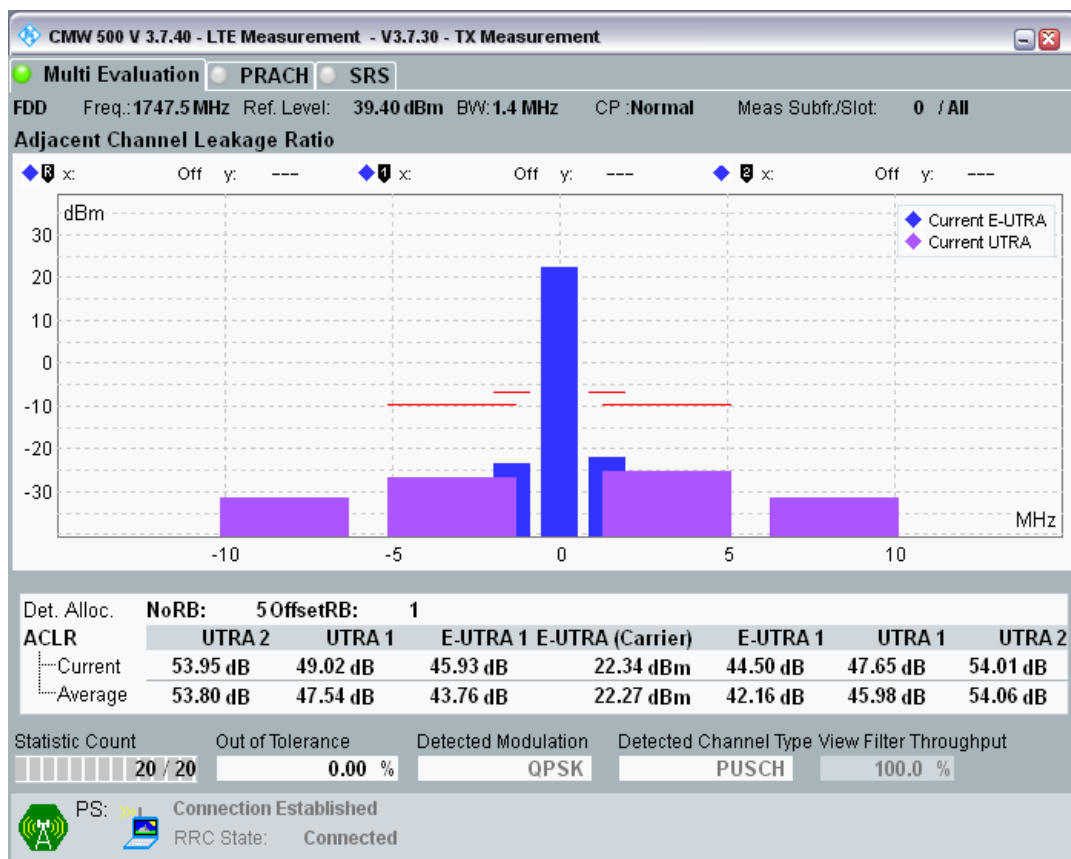
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Band3 QPSK BW=1.4MHz Channel=19575 RB Size=5 Position=#0.png



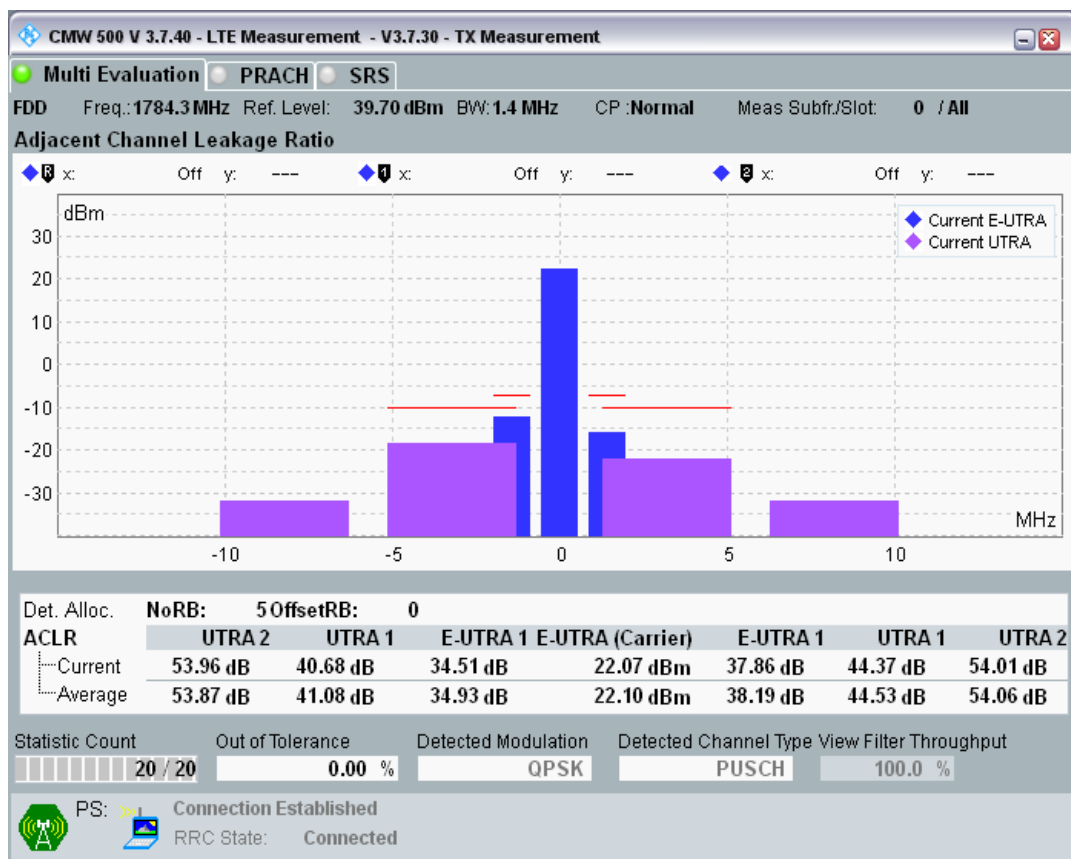
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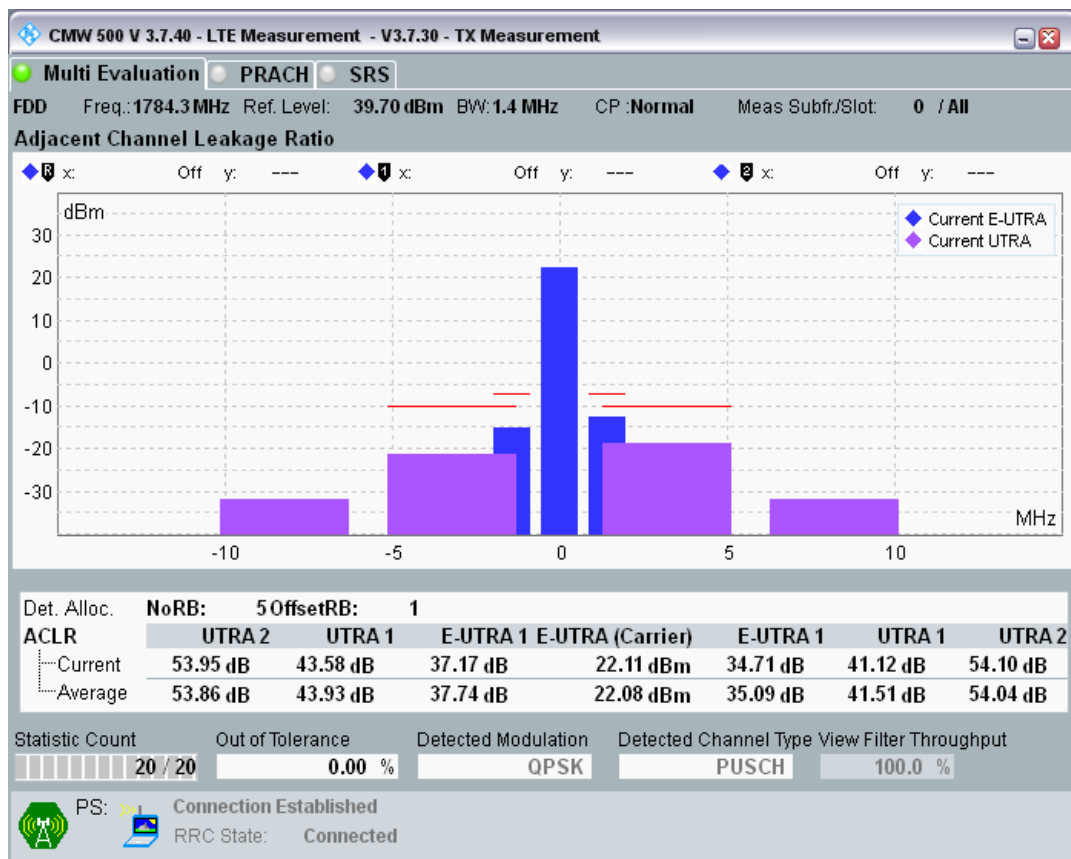
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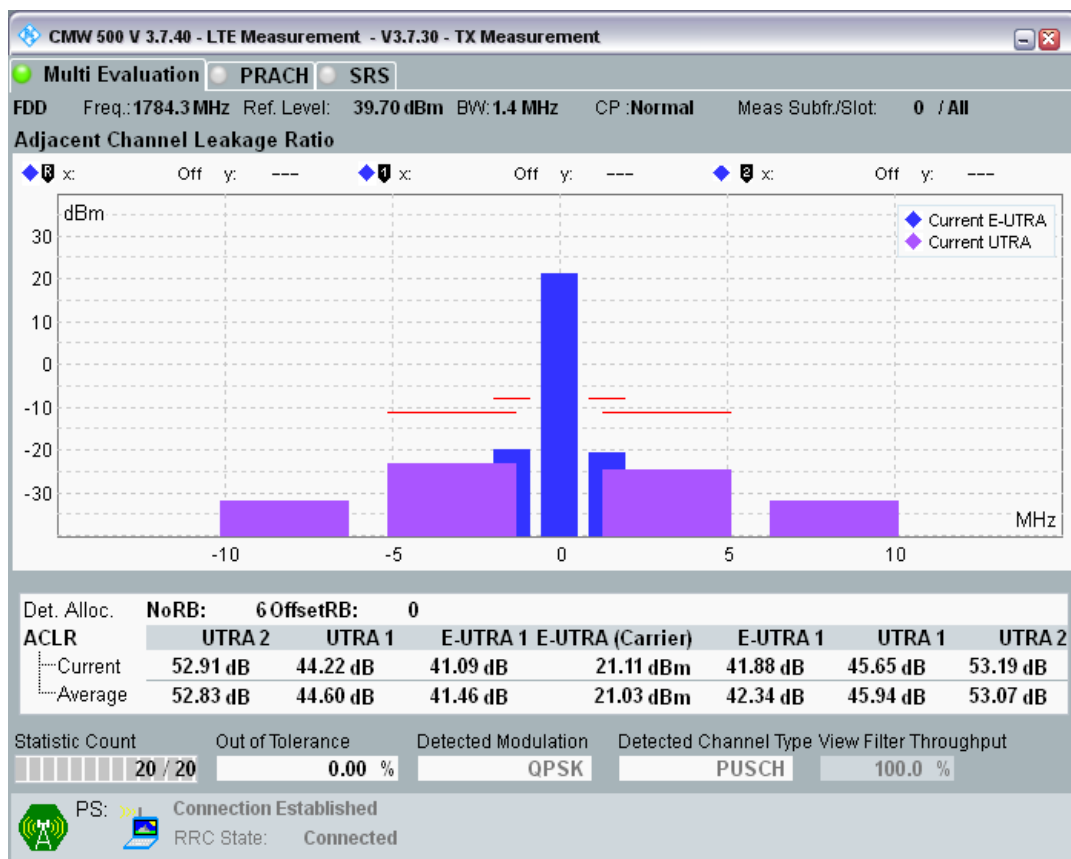
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Band3 QPSK BW=1.4MHz Channel=19943 RB Size=5 Position=#Max.png



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



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



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



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



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



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



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



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



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



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



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



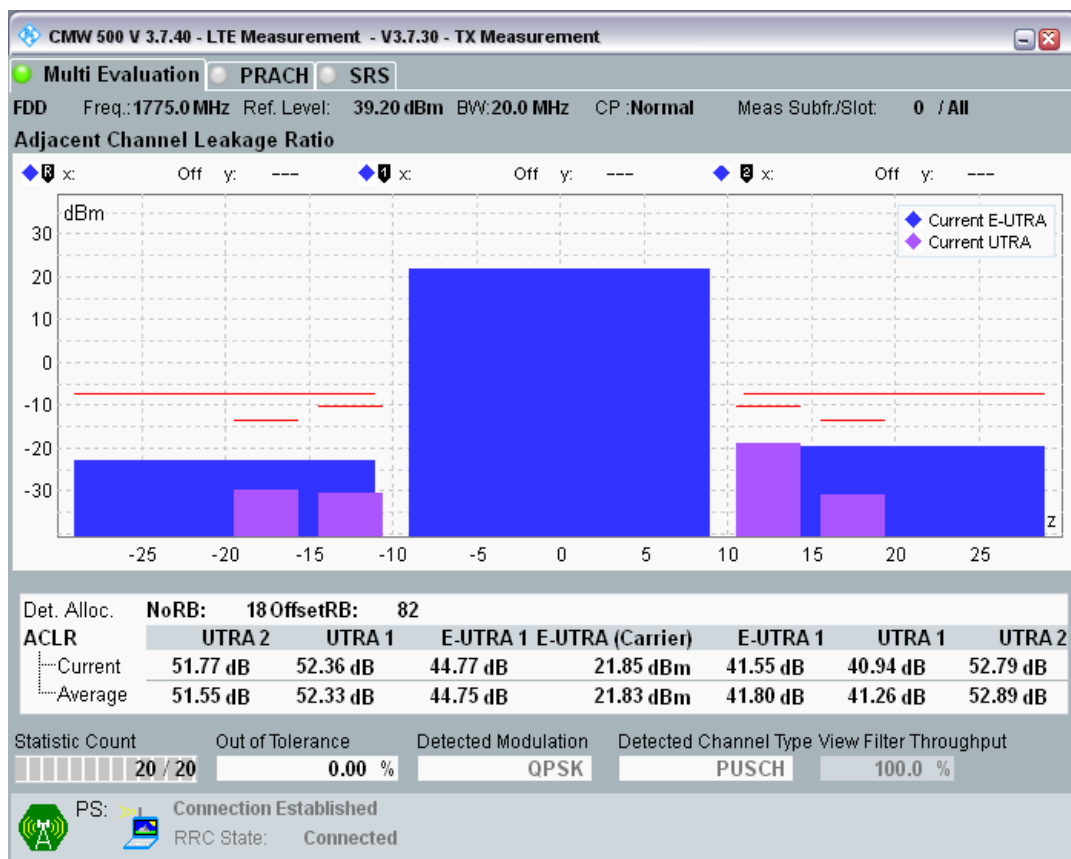
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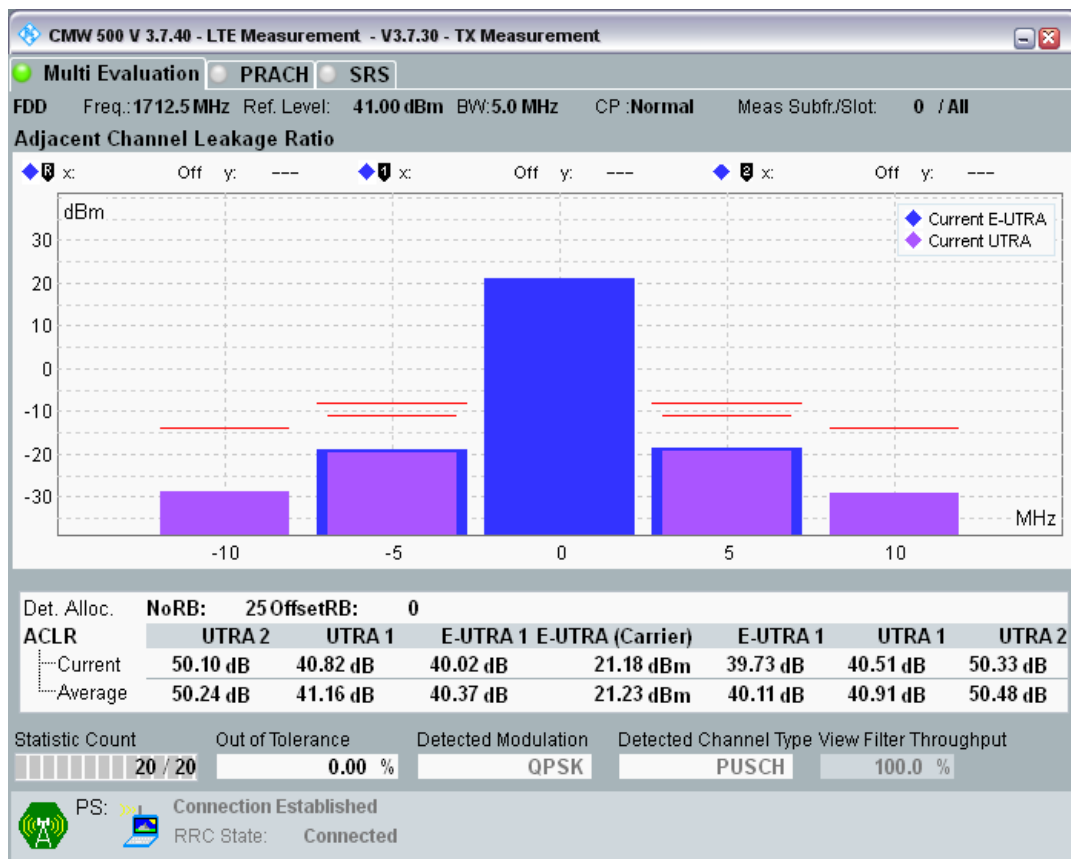
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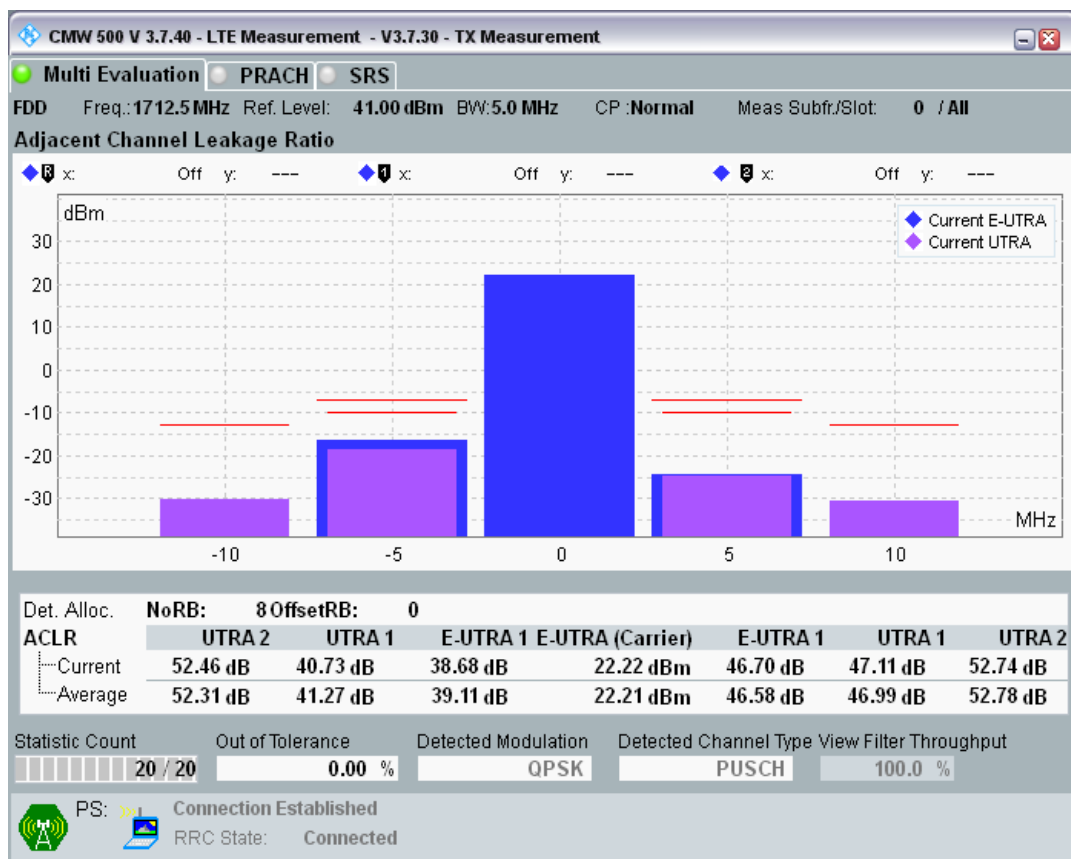
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Band3 QPSK BW=5MHz Channel=19225 RB Size=25 Position=#0.png



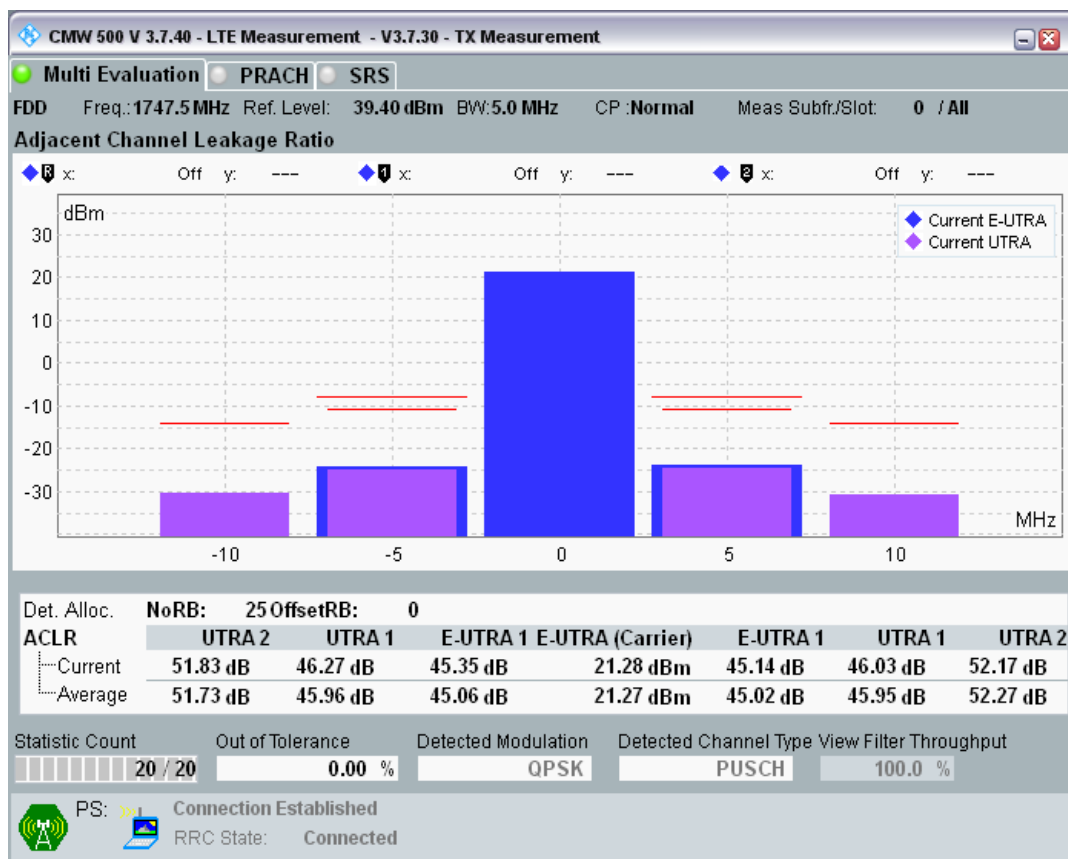
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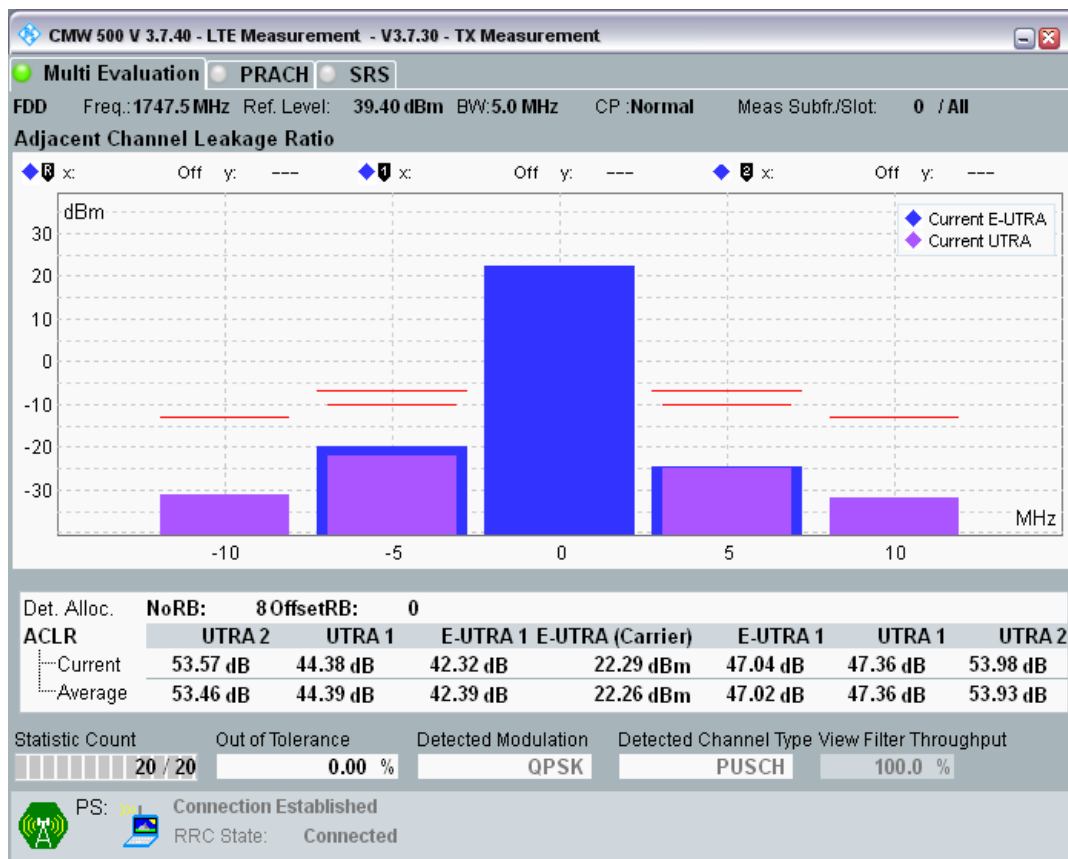
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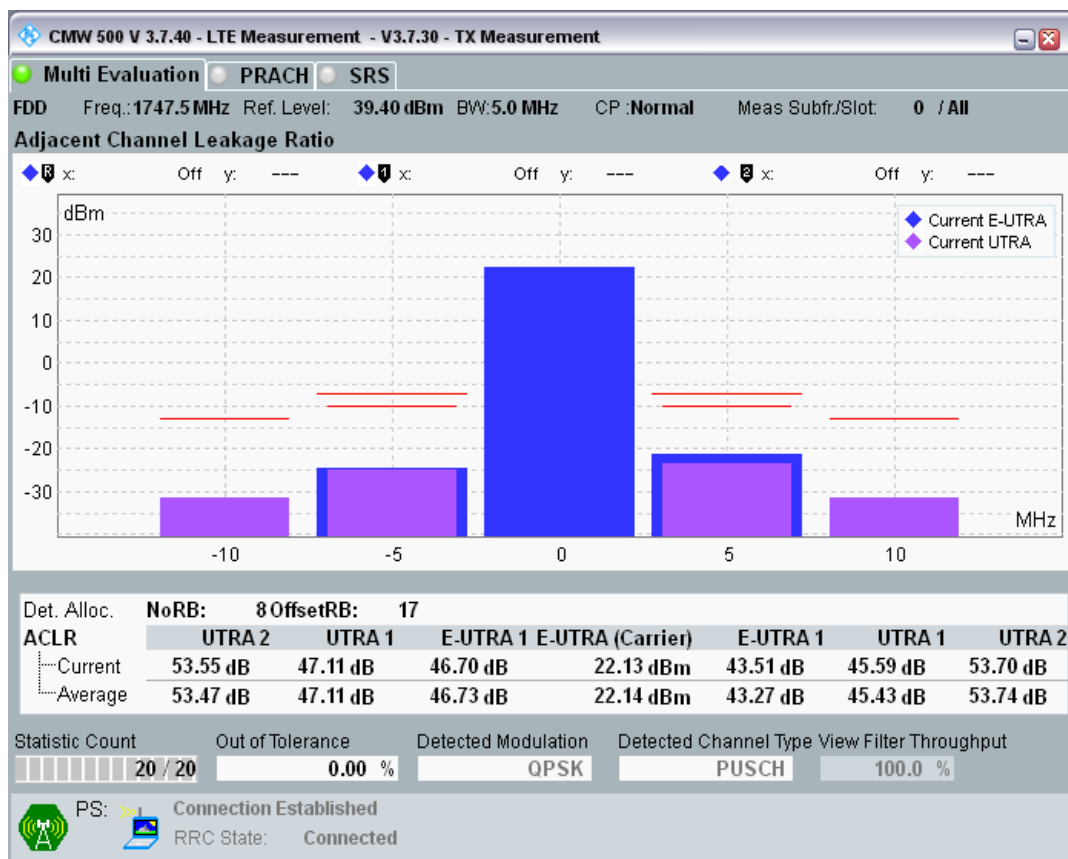
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Band3 QPSK BW=5MHz Channel=19575 RB Size=8 Position=#0.png



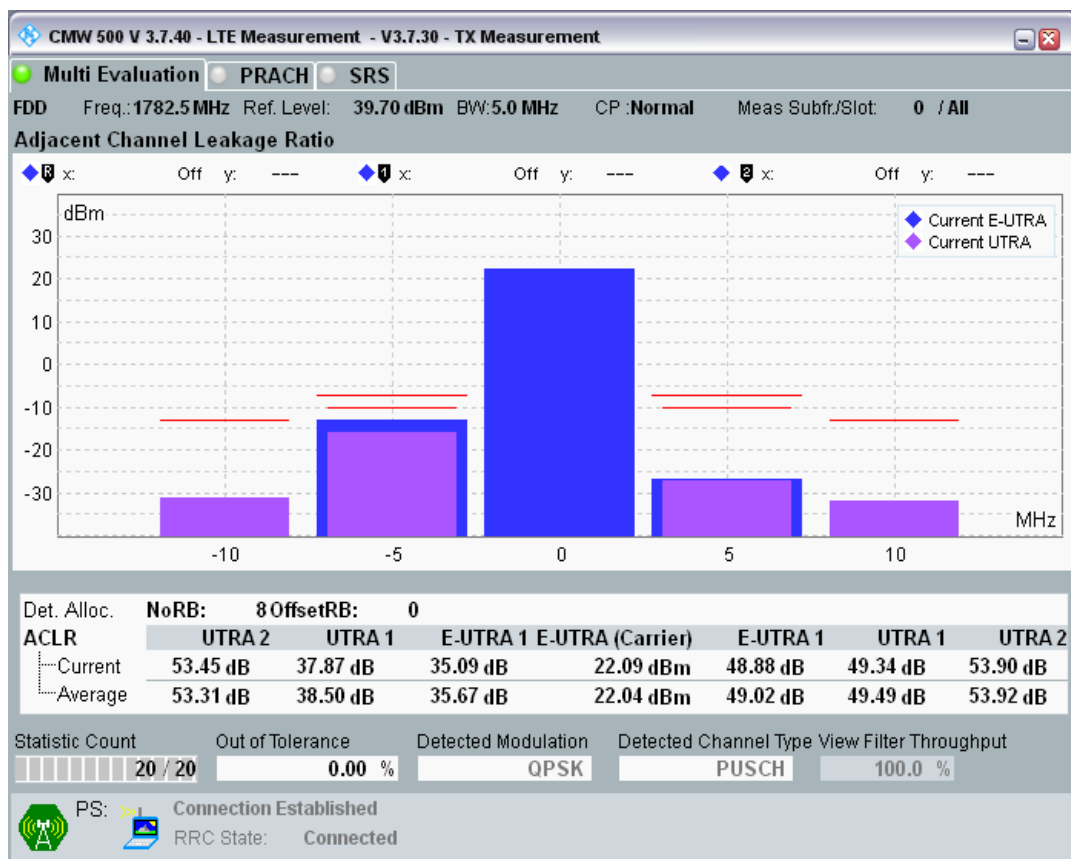
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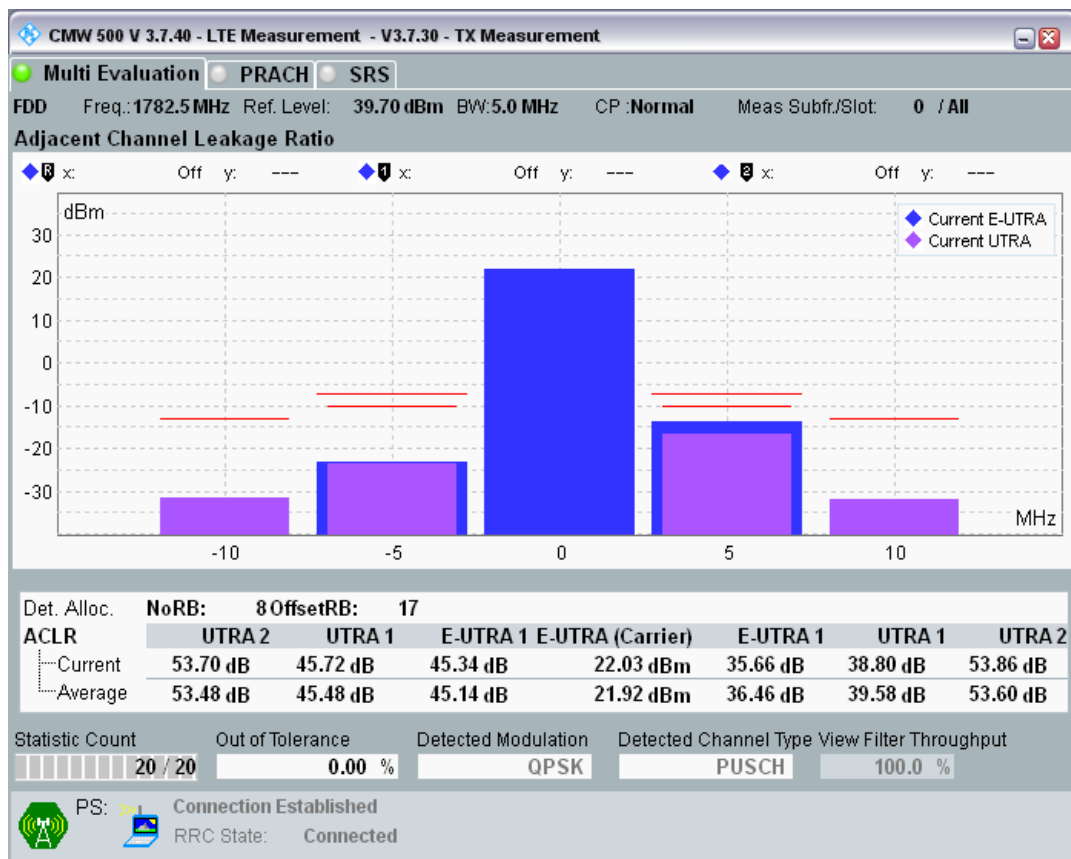
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Band3 QPSK BW=5MHz Channel=19925 RB Size=8 Position=#0.png



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



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



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



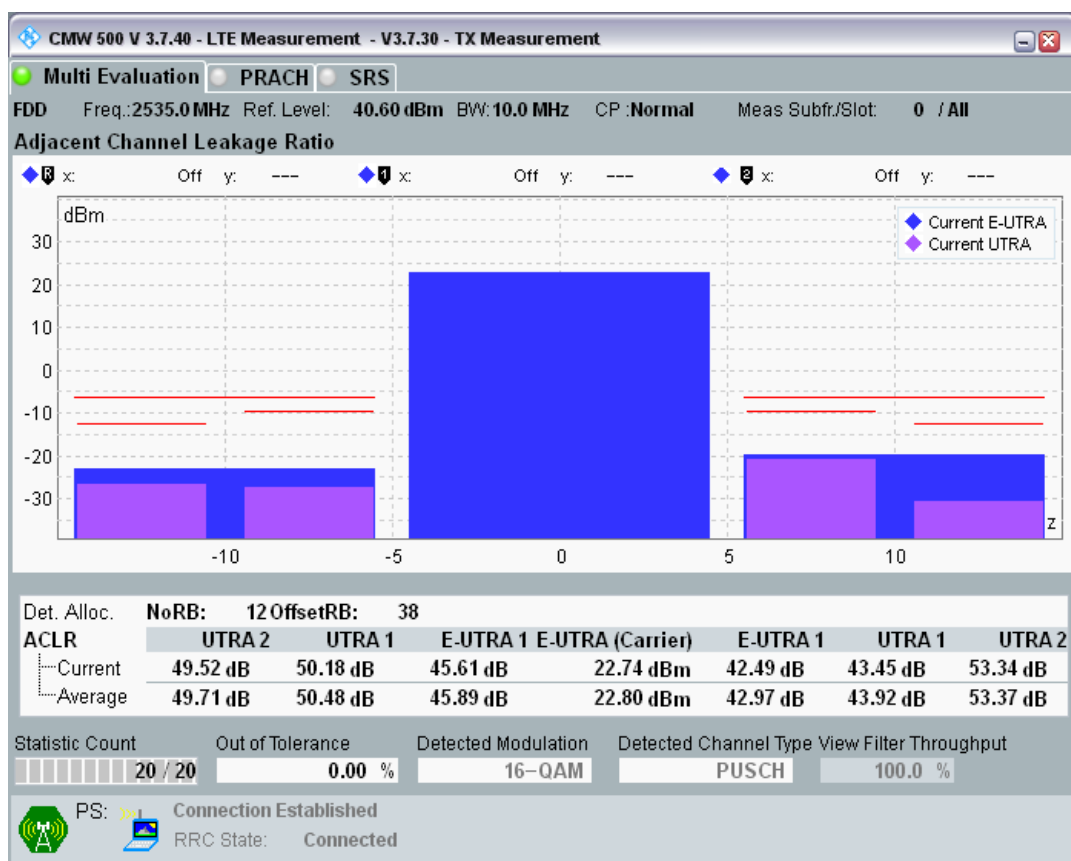
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Band7 QAM16 BW=10MHz Channel=21100 RB Size=12 Position=#0.png



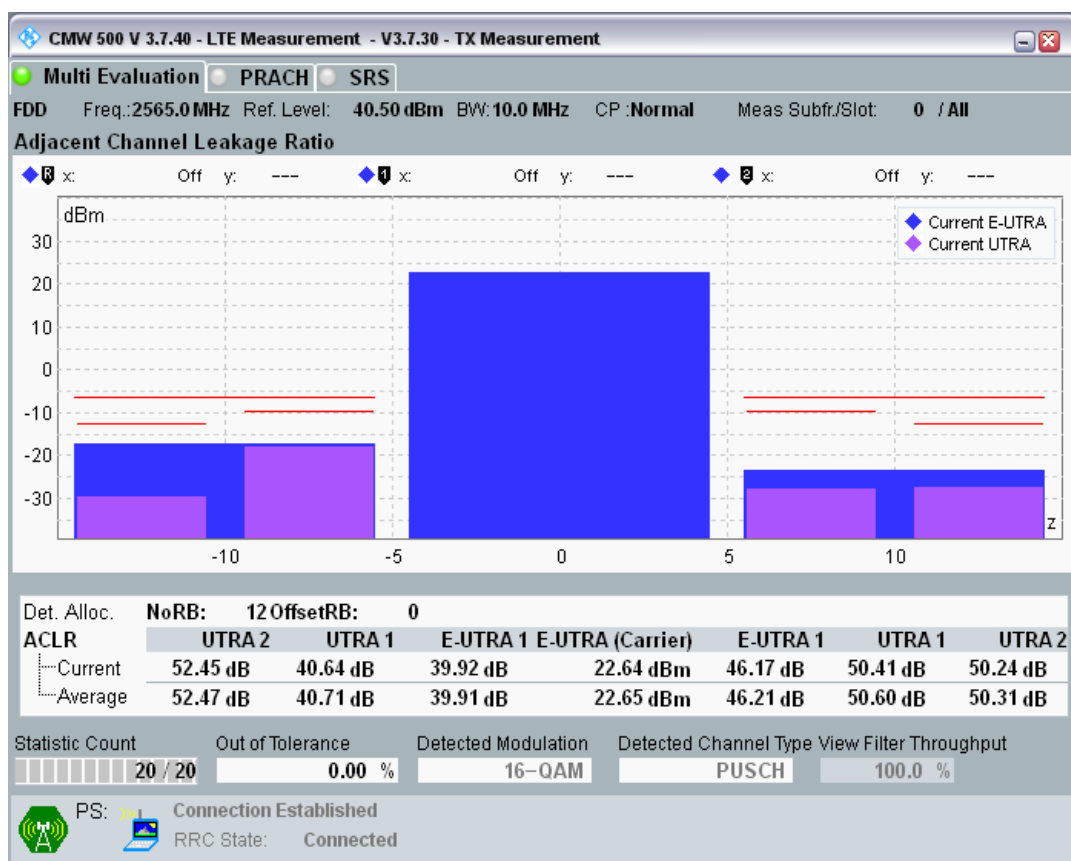
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Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0.png



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



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



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



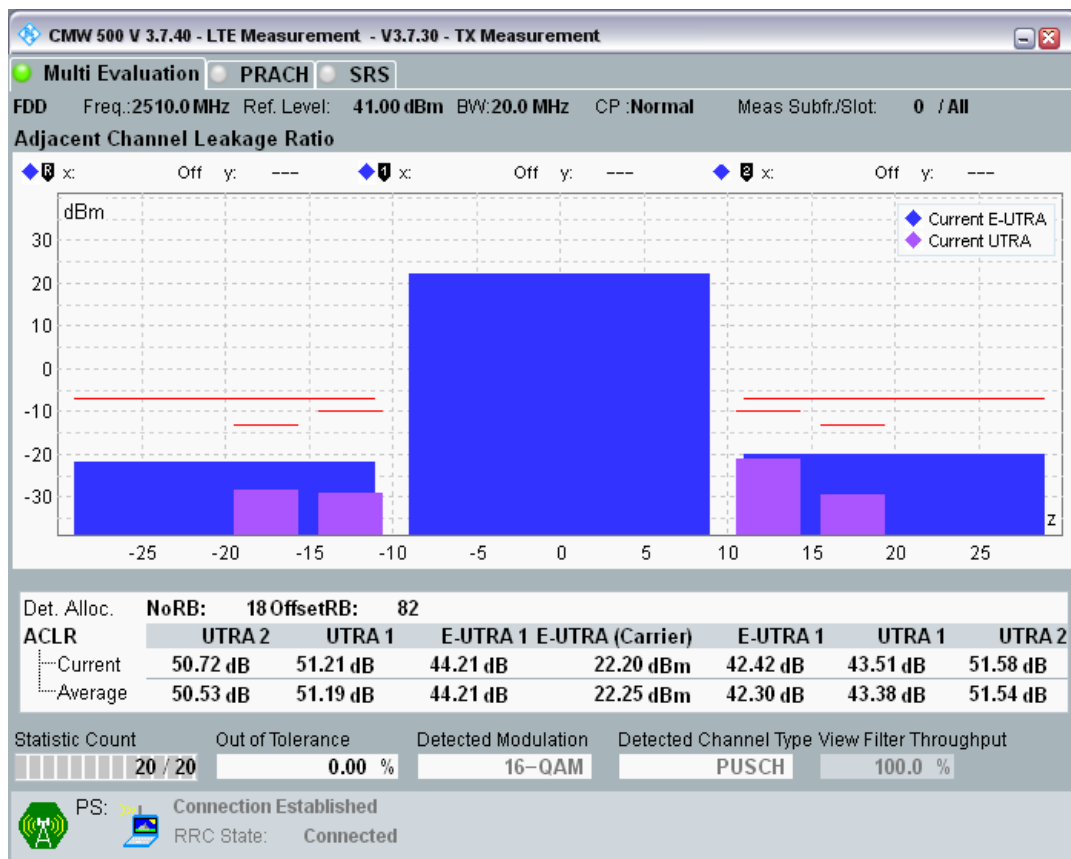
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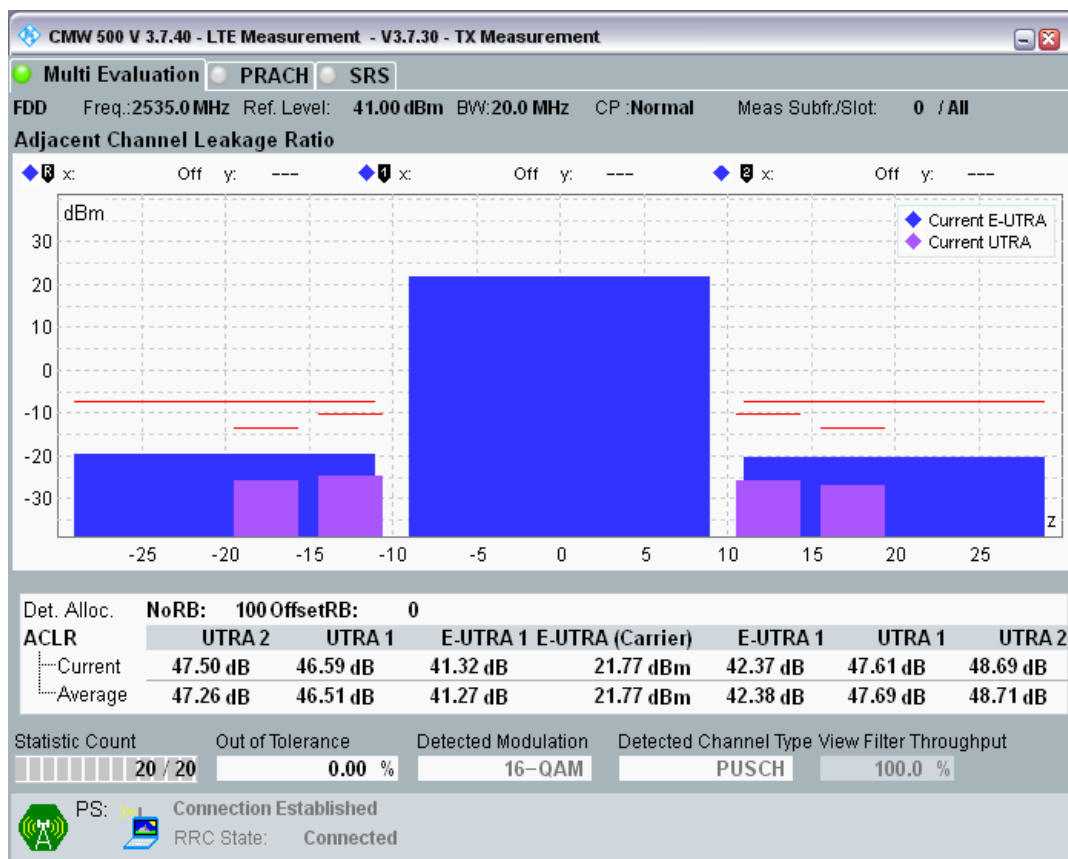
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Band7 QAM16 BW=20MHz Channel=20850 RB Size=18 Position=#Max.png



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



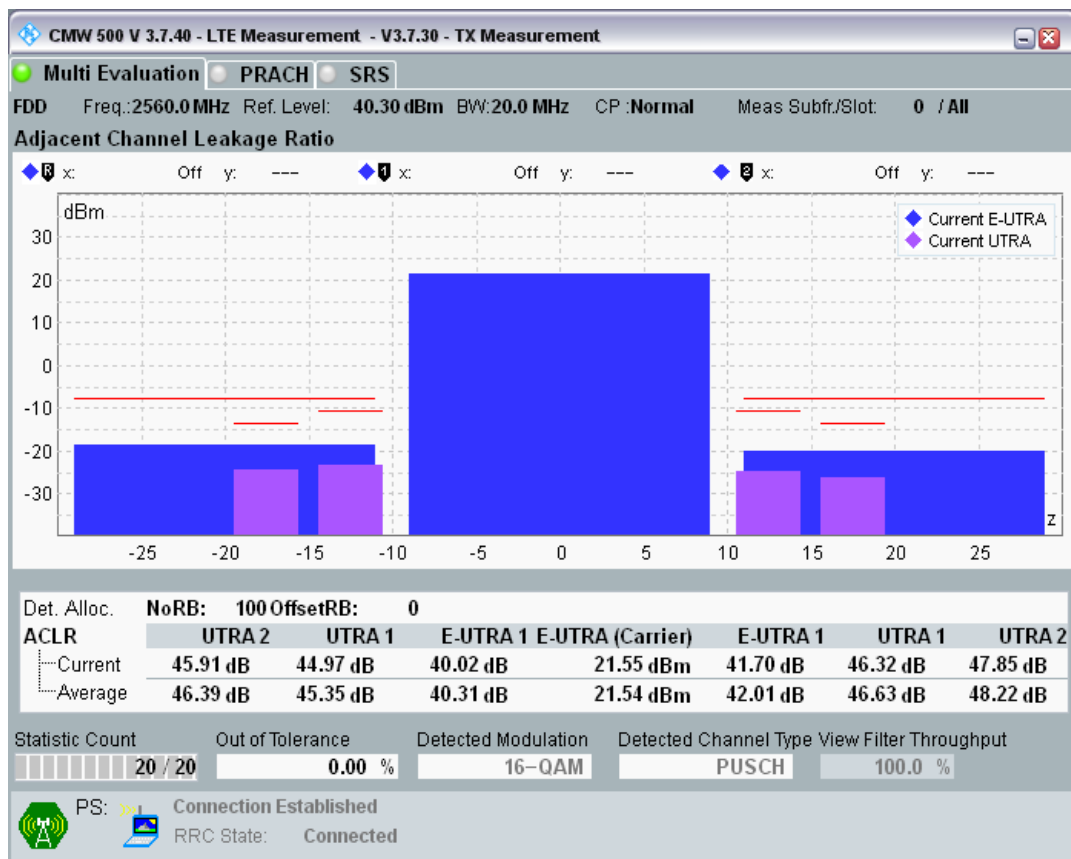
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Band7 QAM16 BW=20MHz Channel=21100 RB Size=18 Position=#Max.png



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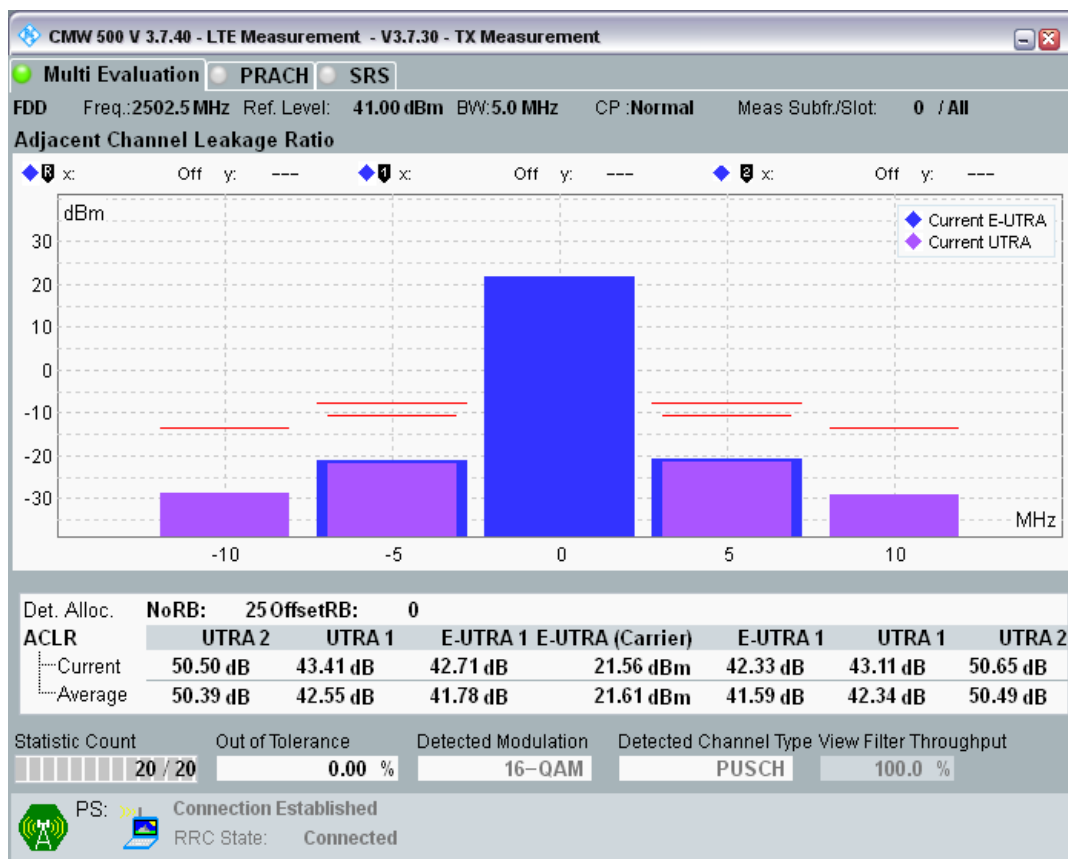
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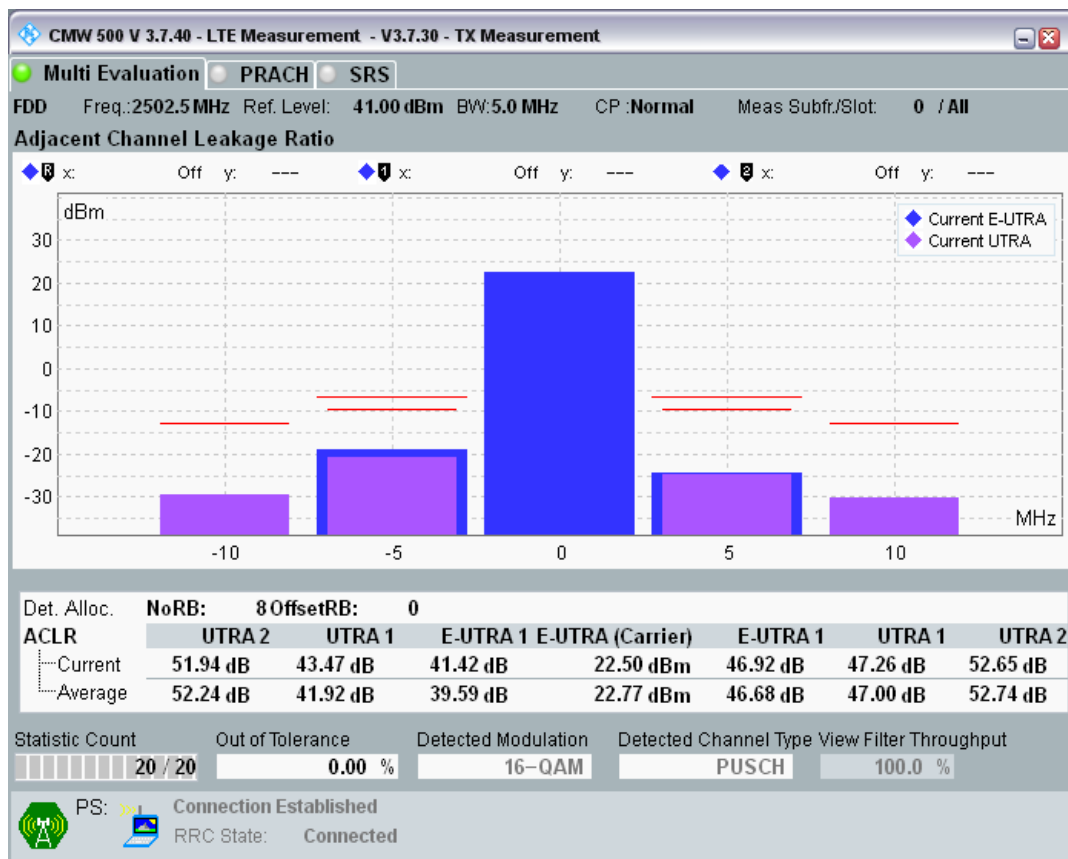
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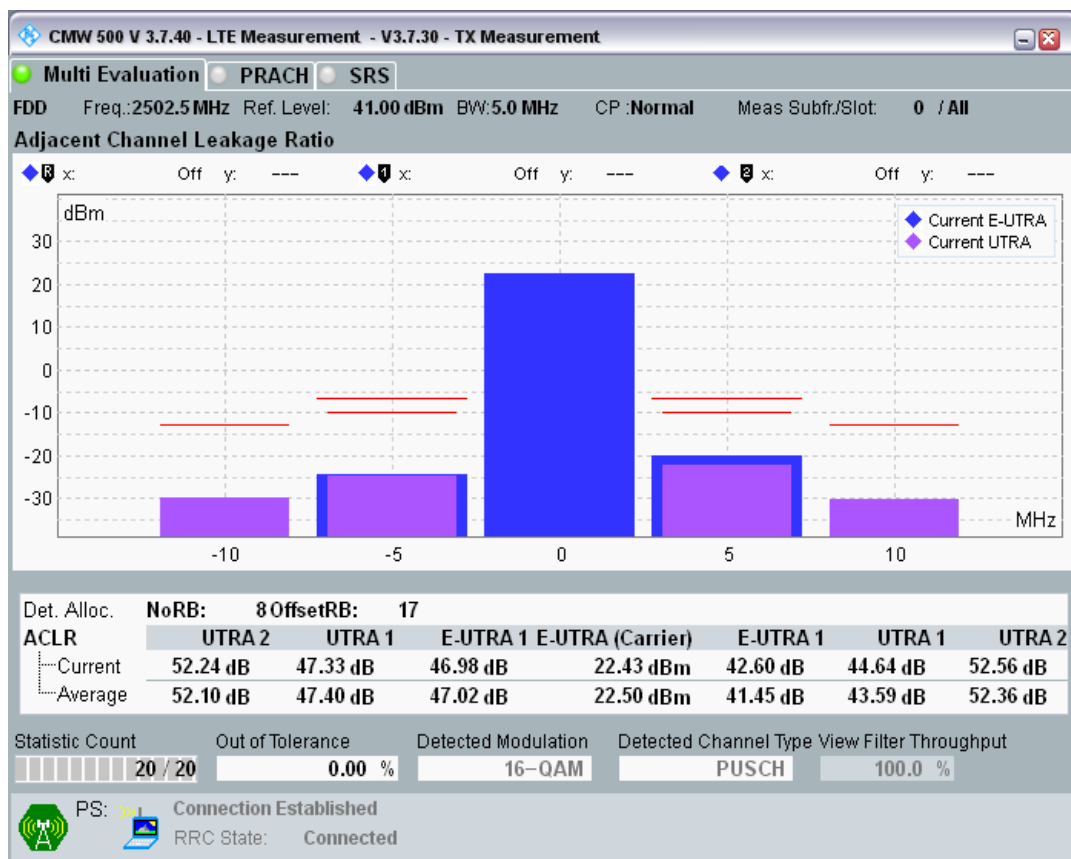
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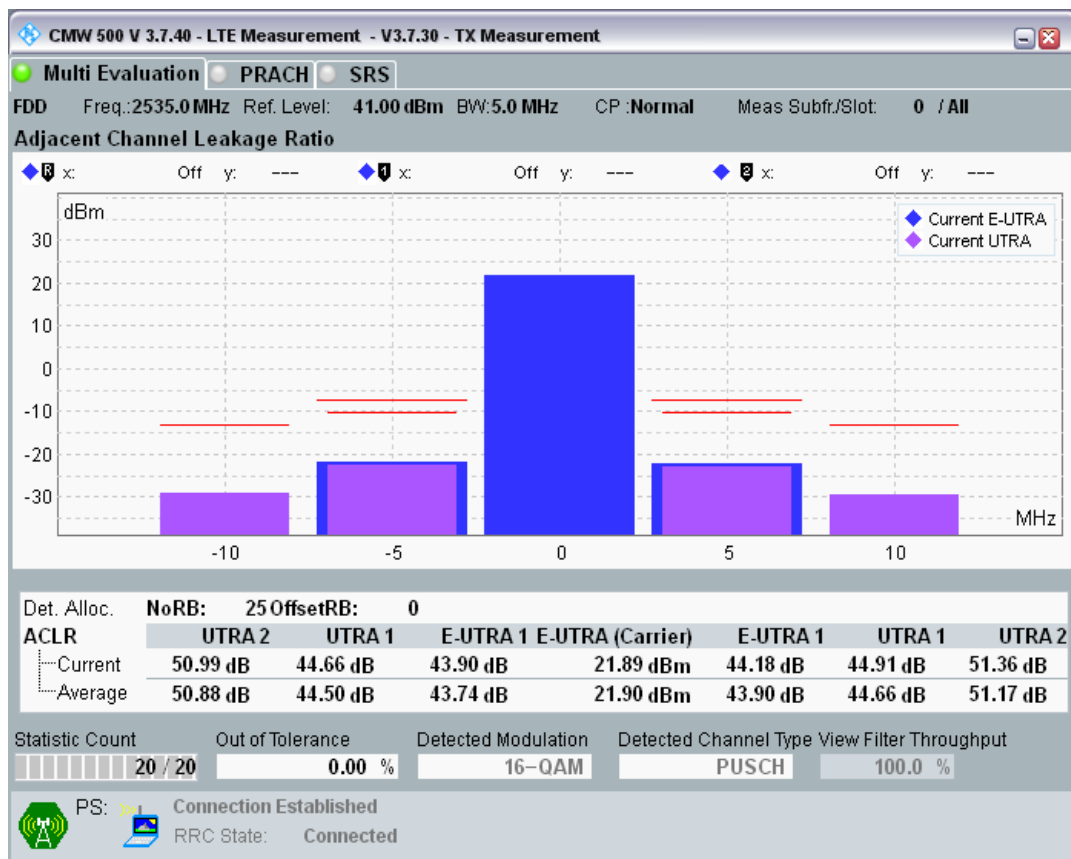
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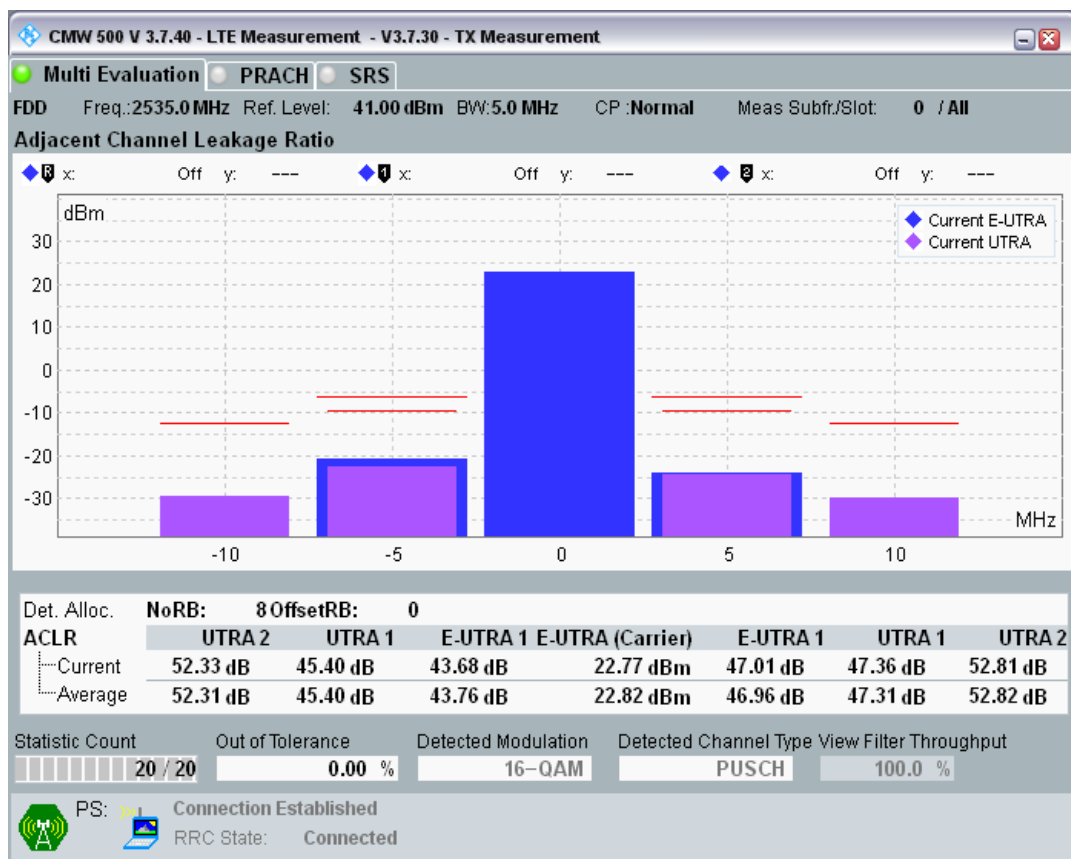
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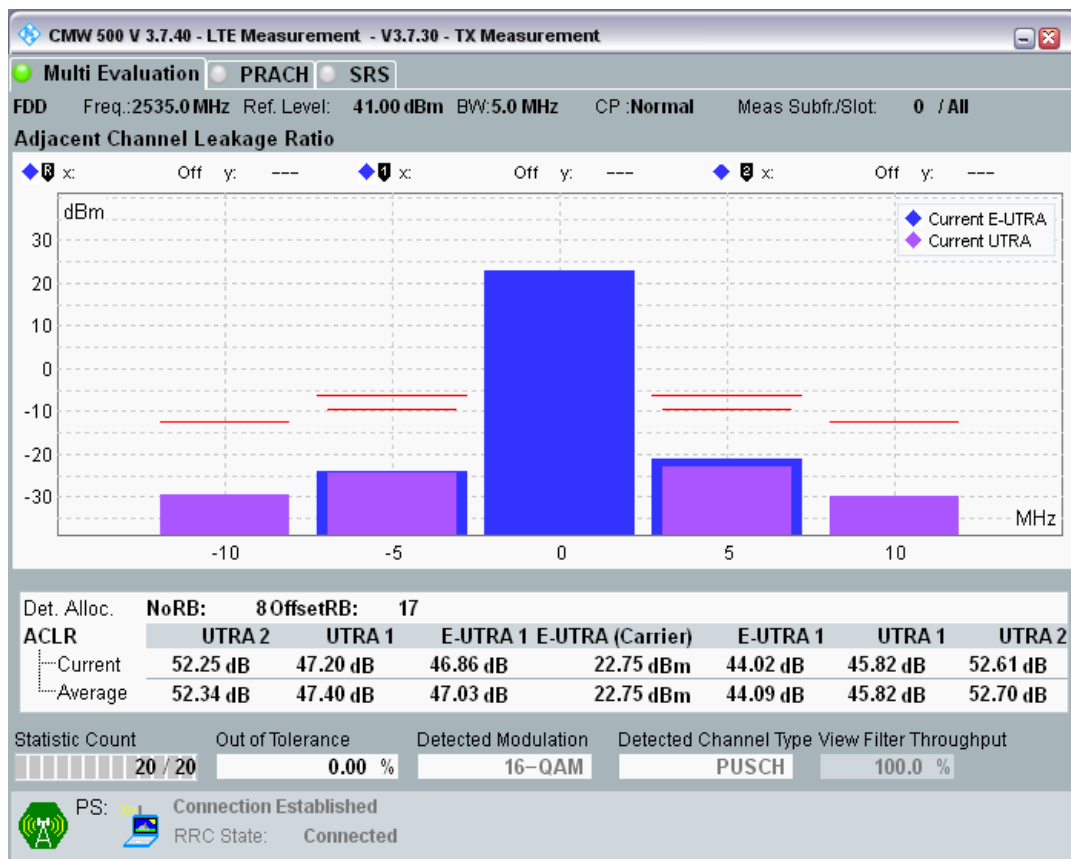
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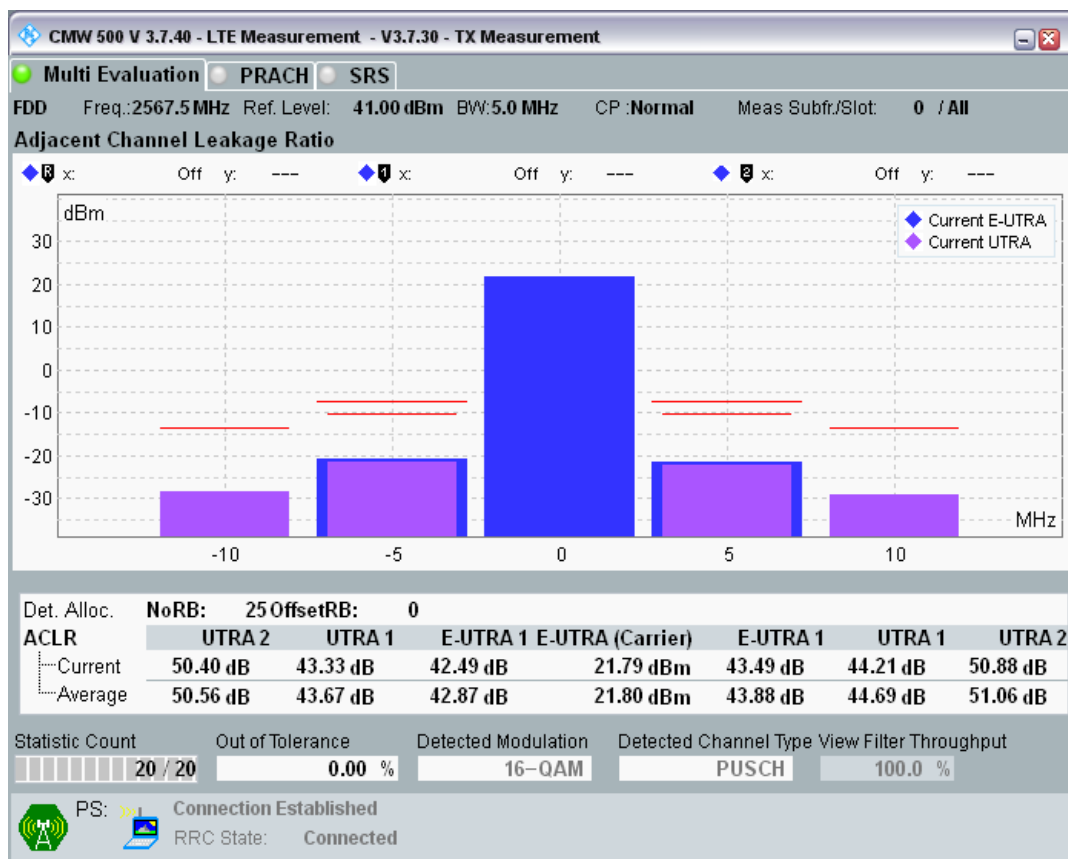
Band7 QAM16 BW=5MHz Channel=21100 RB Size=8 Position=#0.png



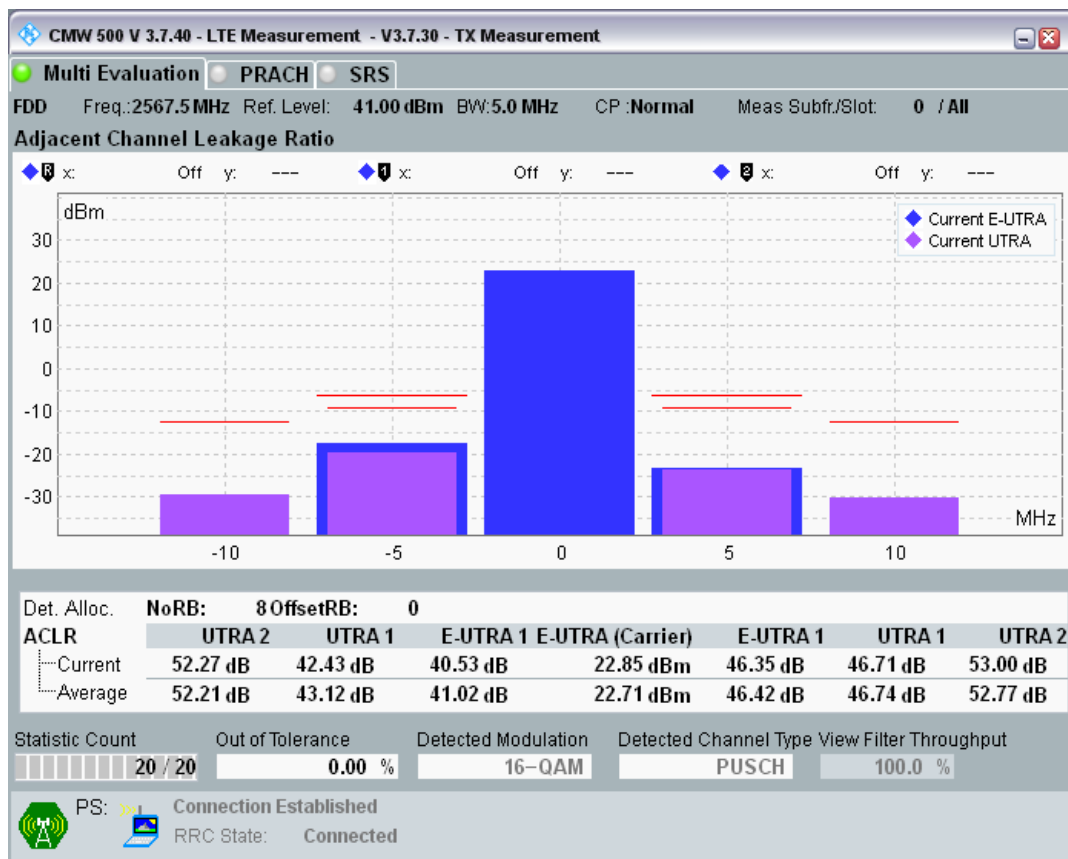
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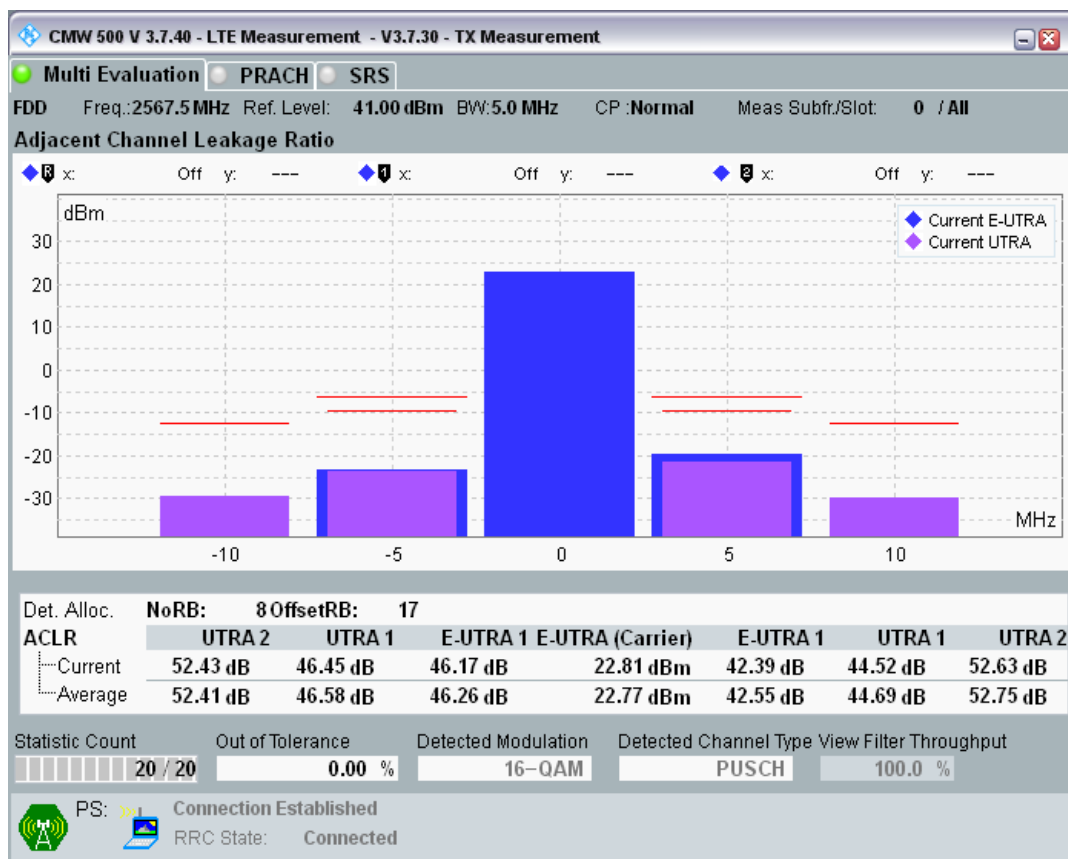
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Band7 QAM16 BW=5MHz Channel=21425 RB Size=8 Position=#0.png



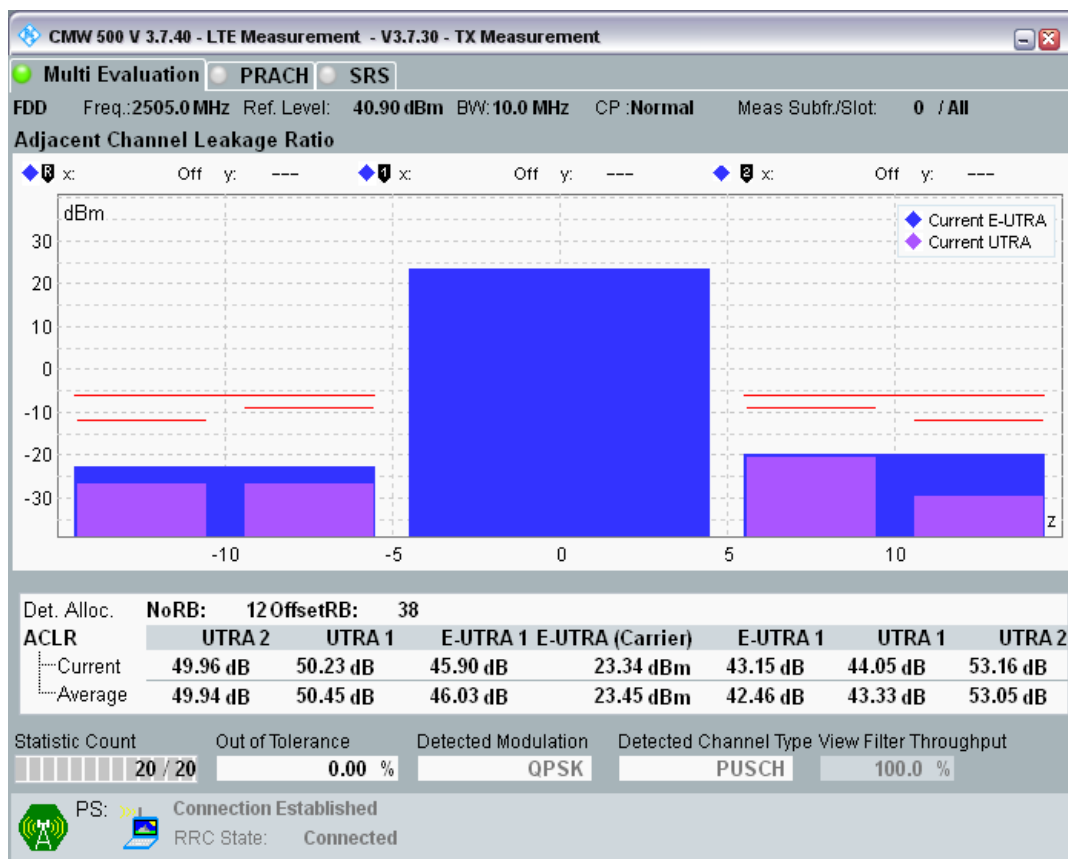
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Band7 QPSK BW=10MHz Channel=20800 RB Size=12 Position=#0.png



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



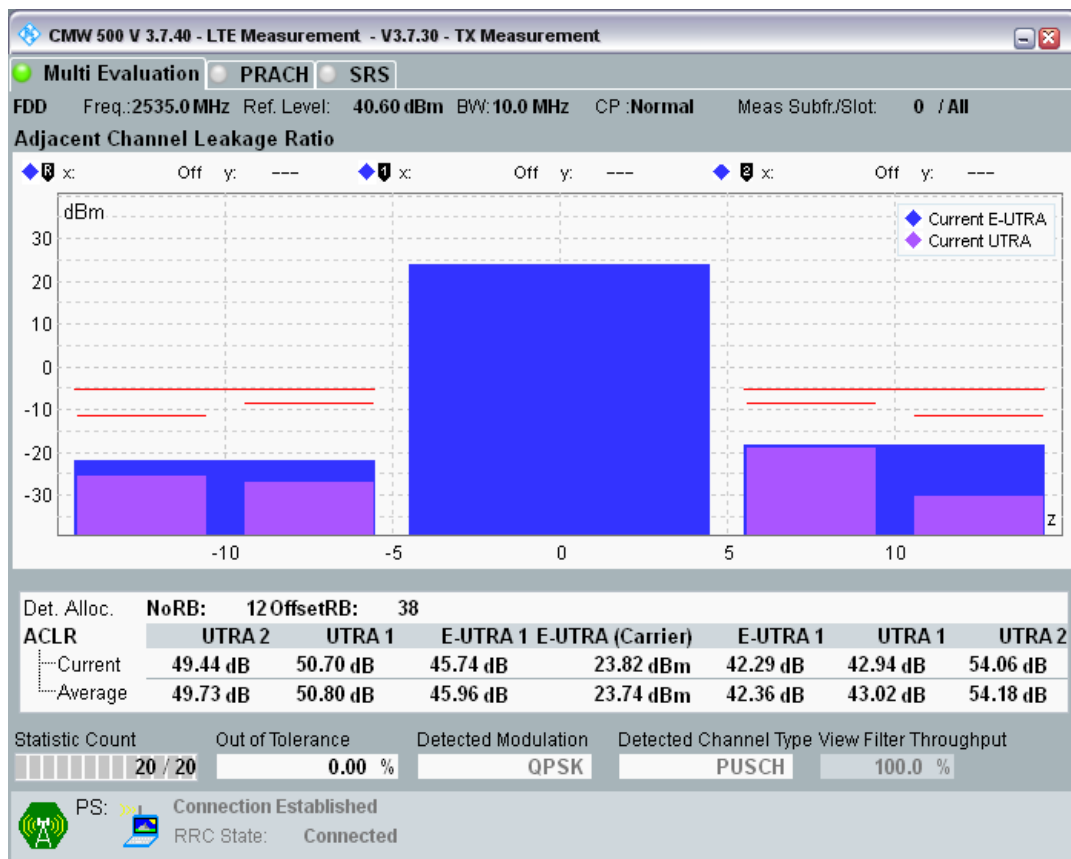
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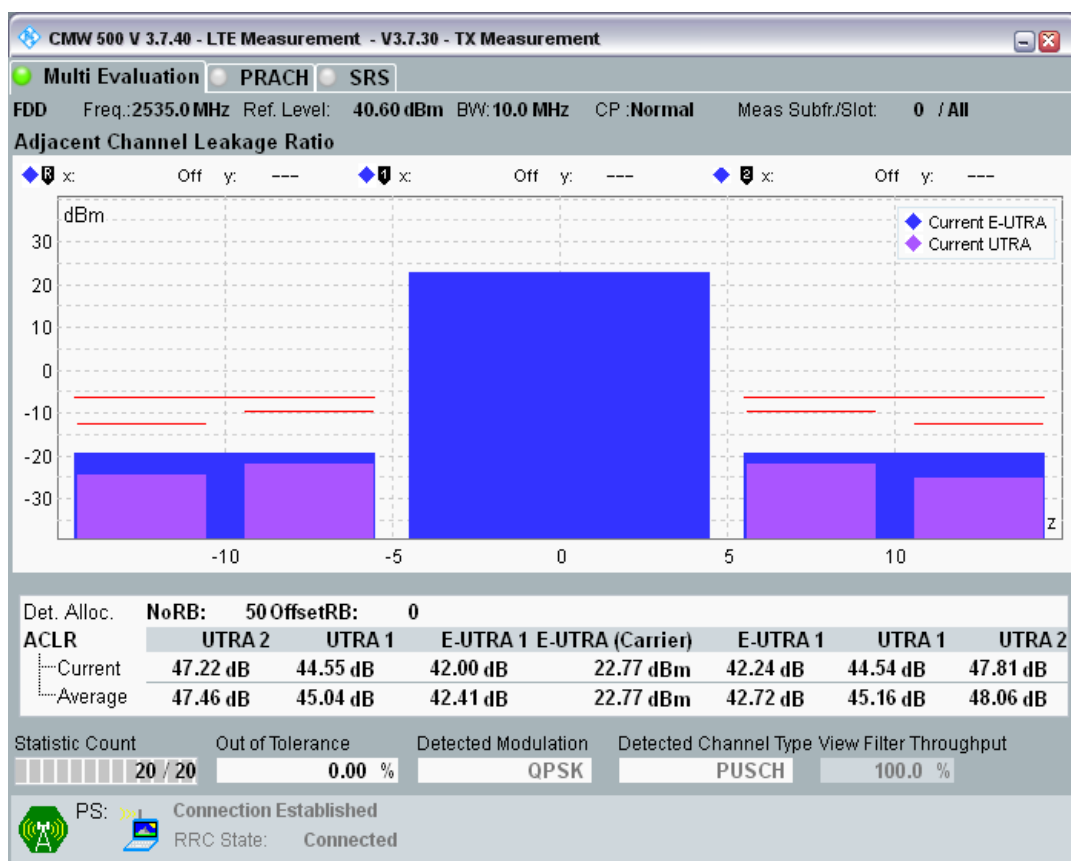
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Band7 QPSK BW=10MHz Channel=21100 RB Size=12 Position=#Max.png



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



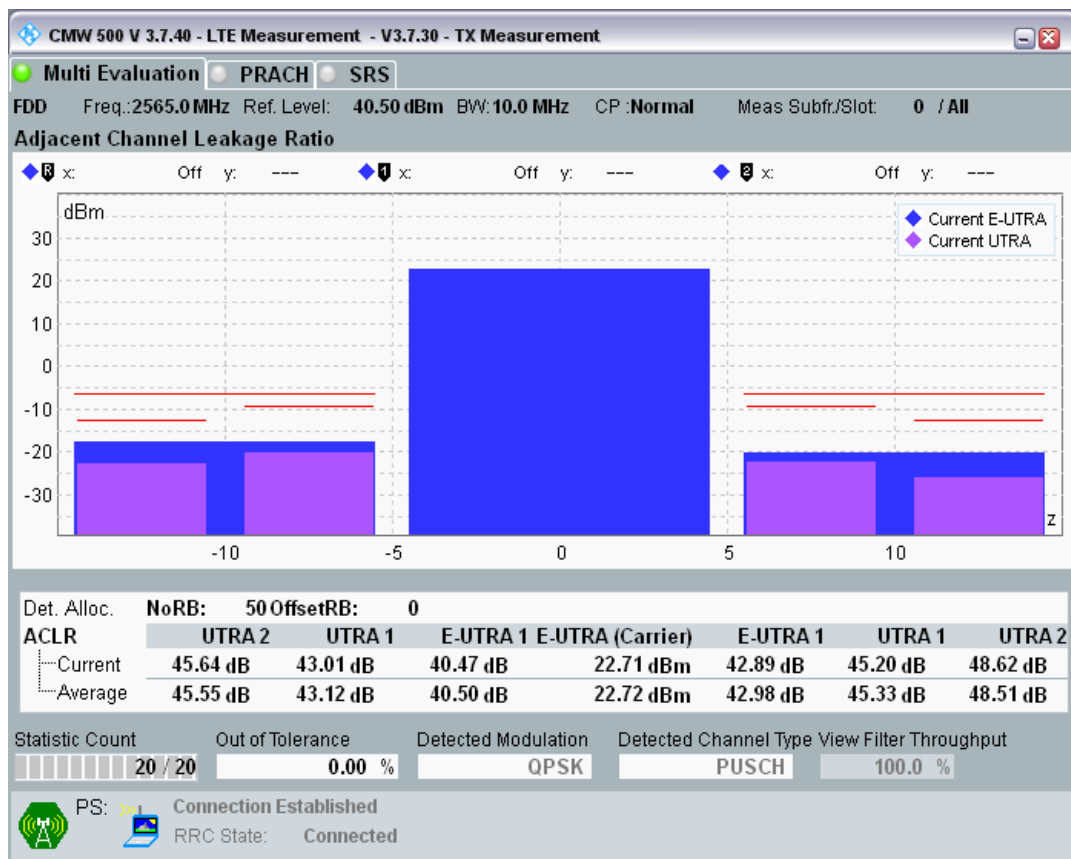
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Band7 QPSK BW=10MHz Channel=21400 RB Size=12 Position=#Max.png



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



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



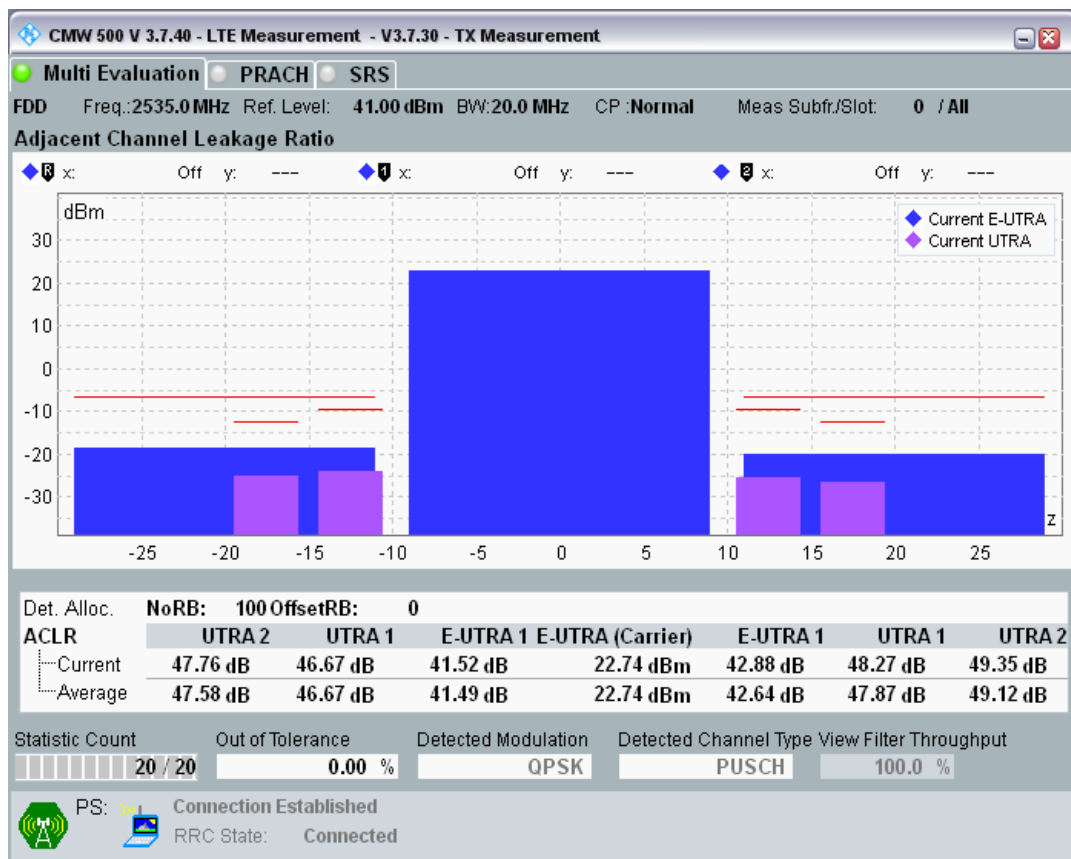
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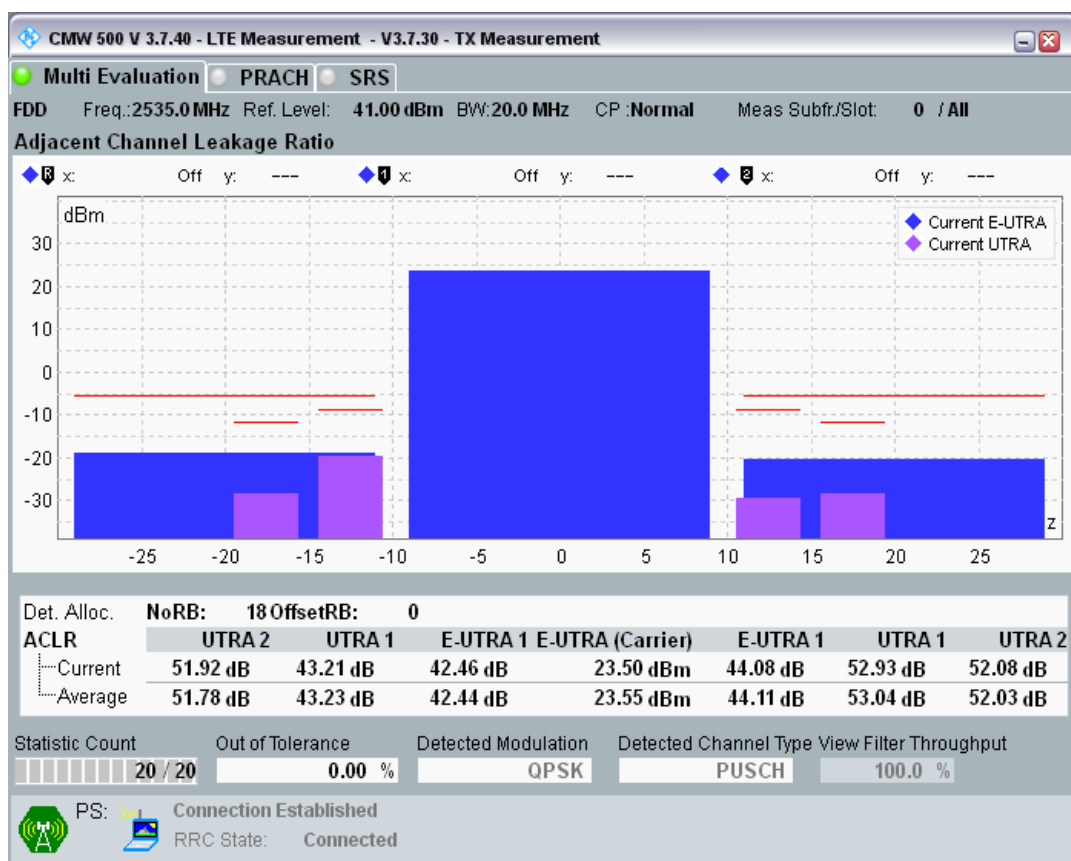
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Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0.png



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



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



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



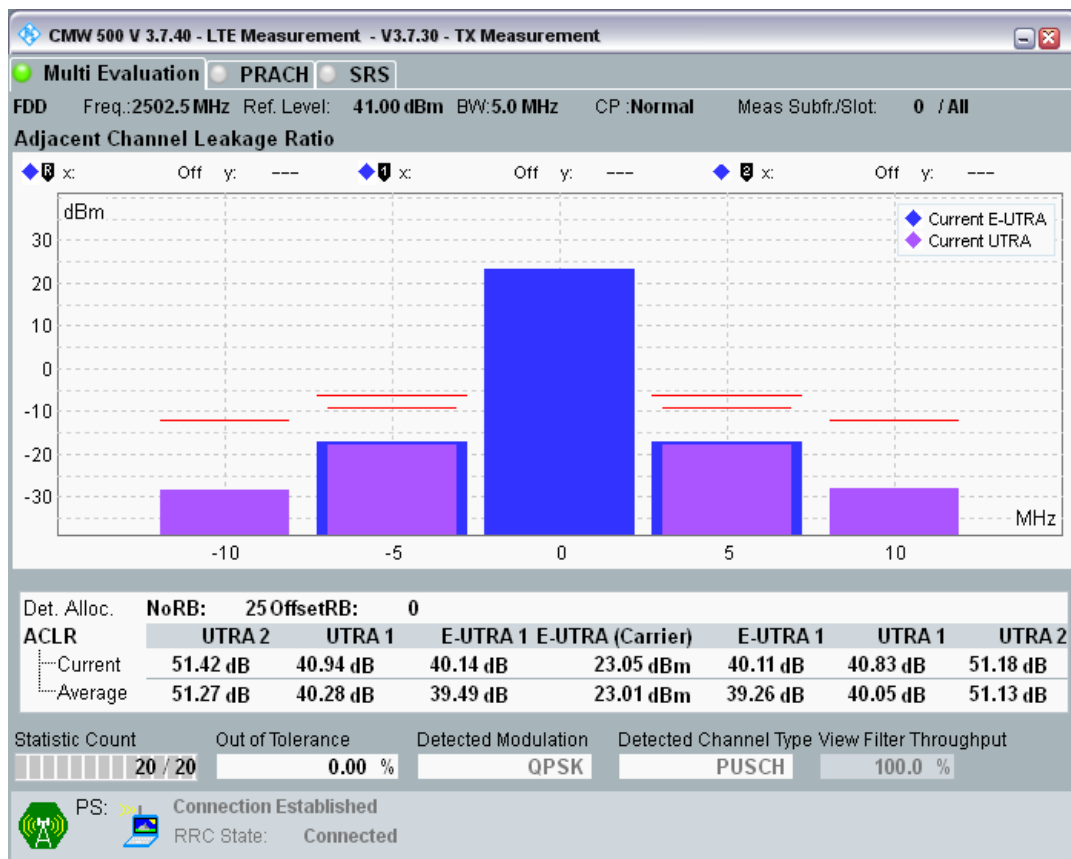
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Band7 QPSK BW=20MHz Channel=21350 RB Size=18 Position=#Max.png



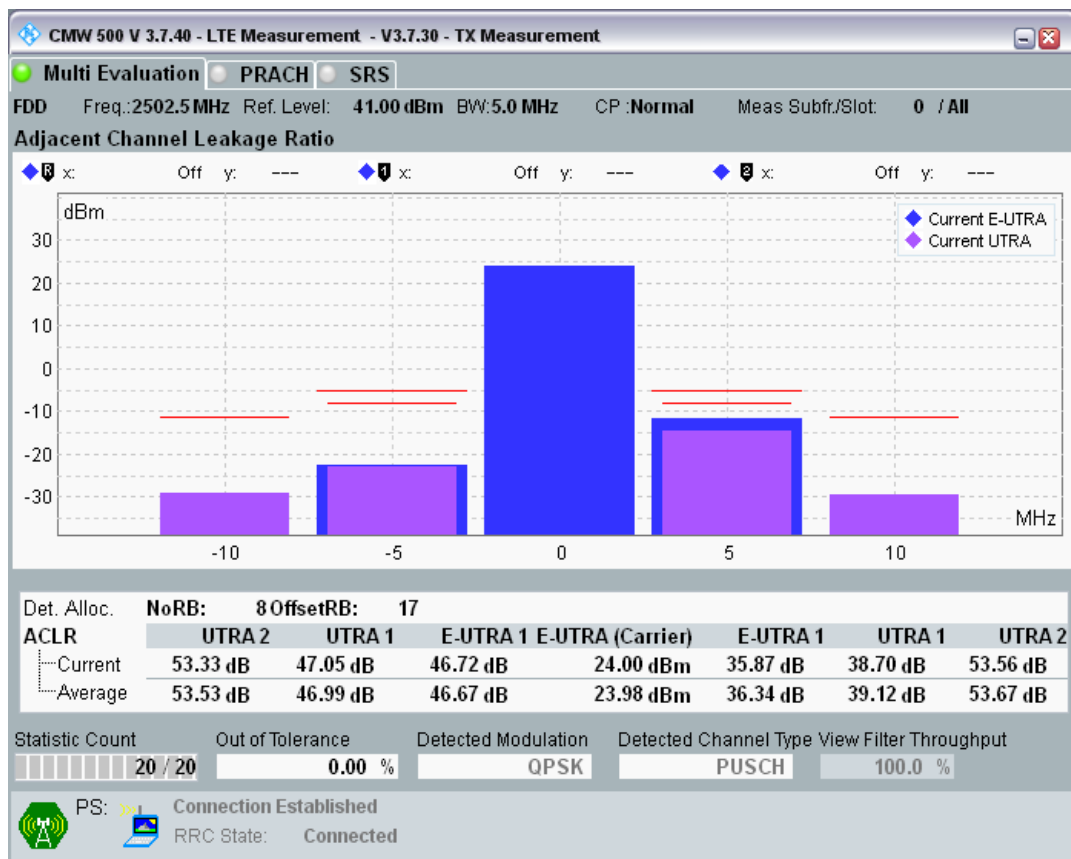
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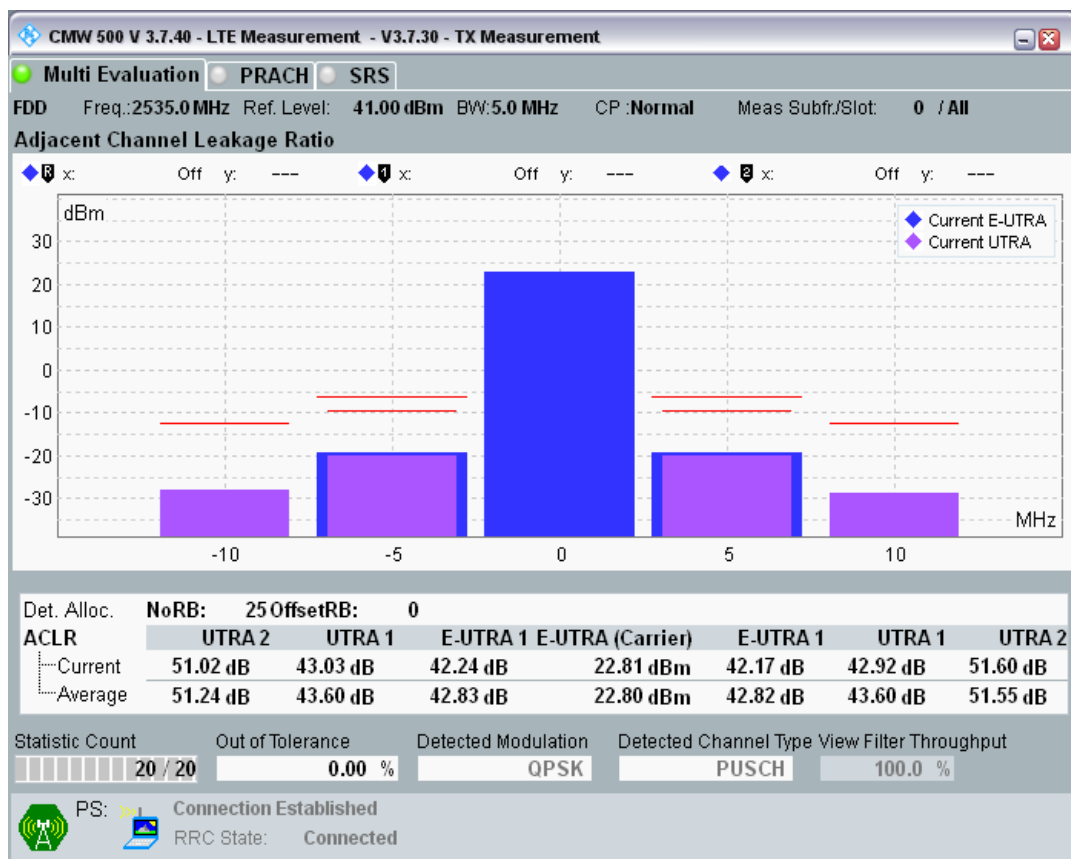
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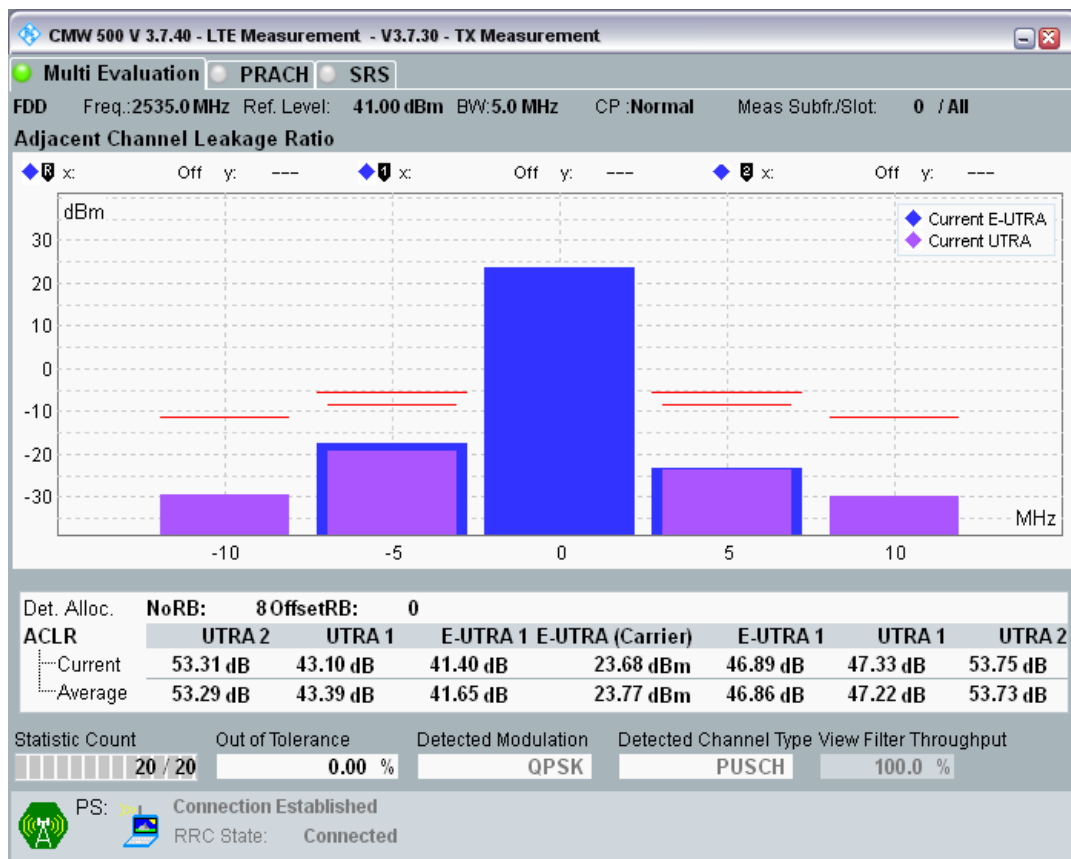
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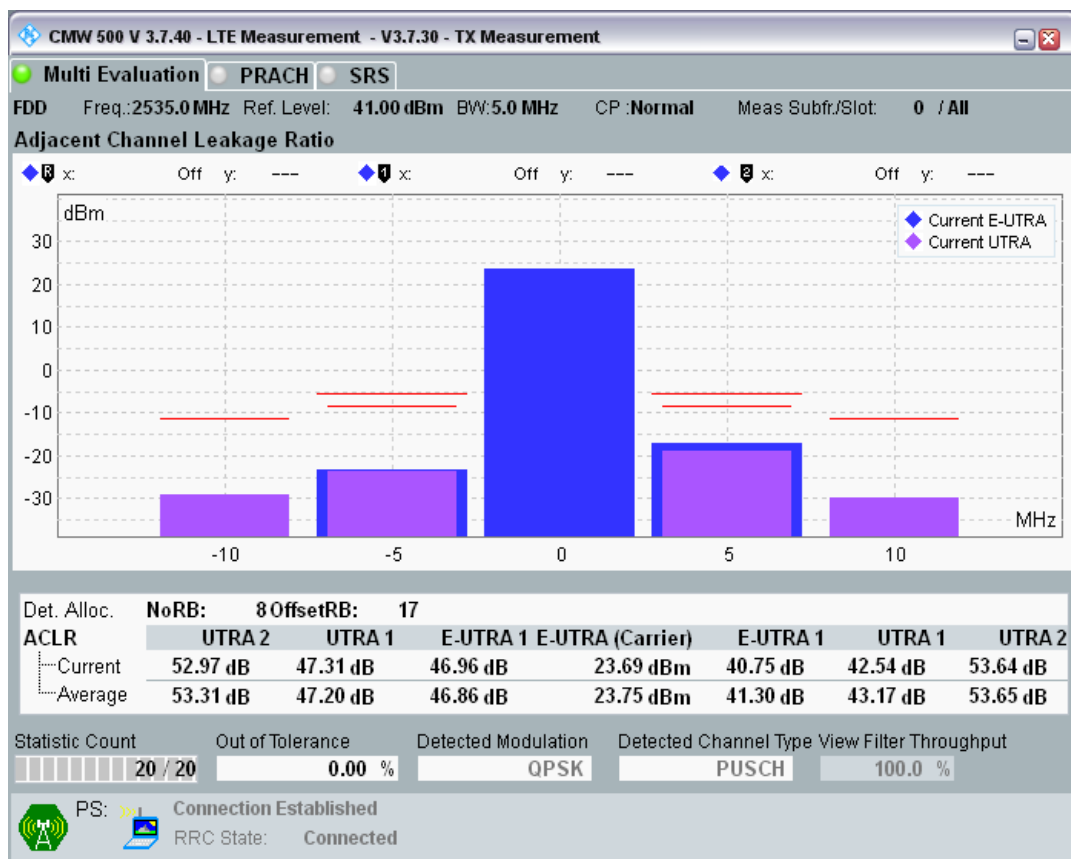
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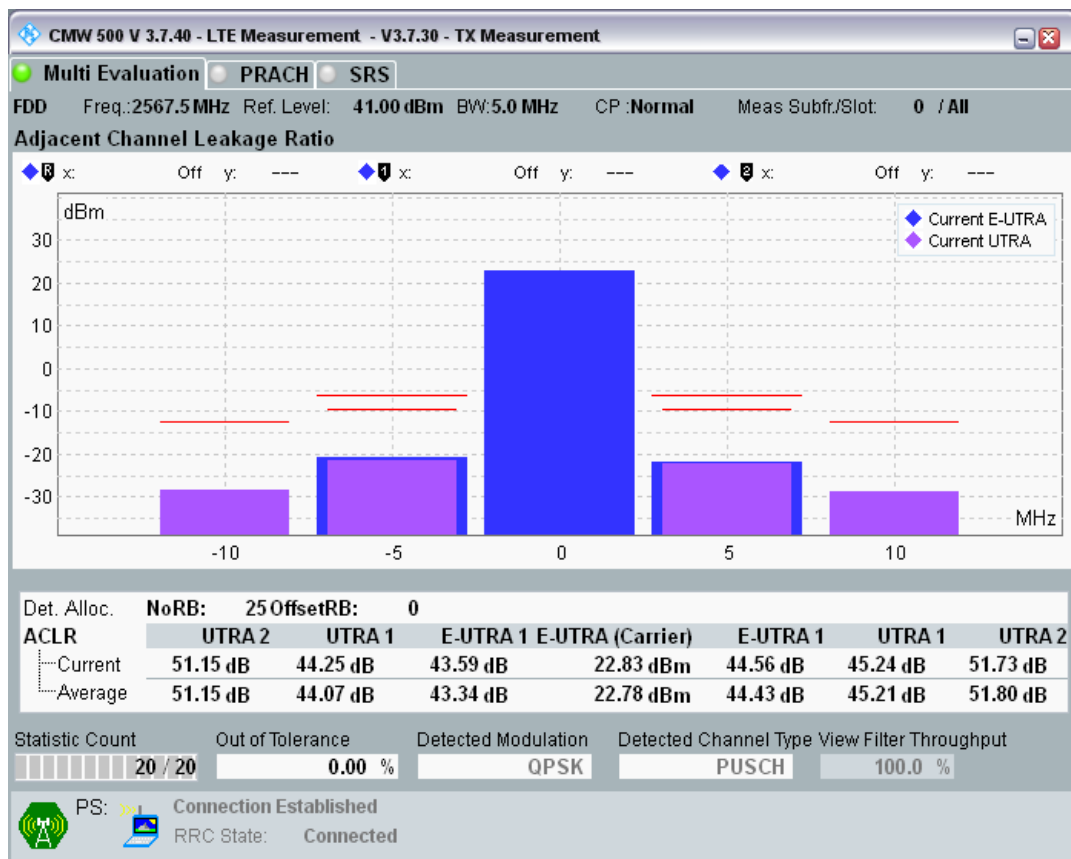
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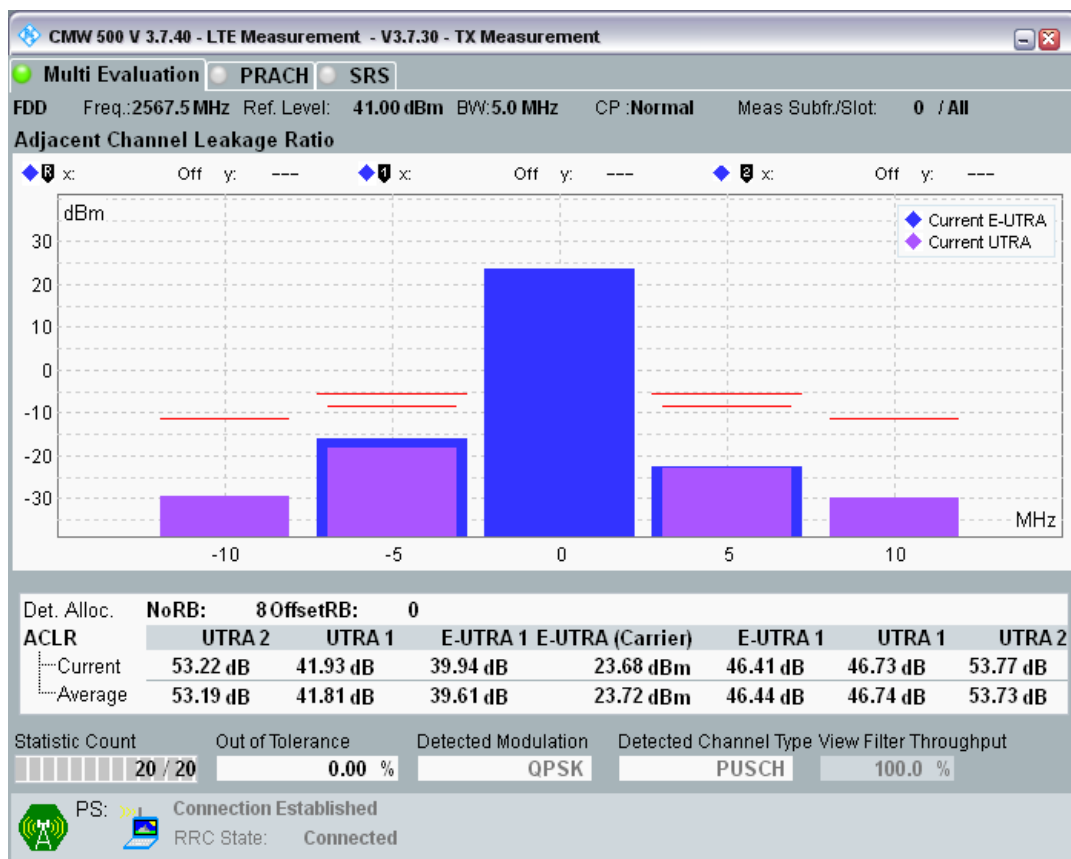
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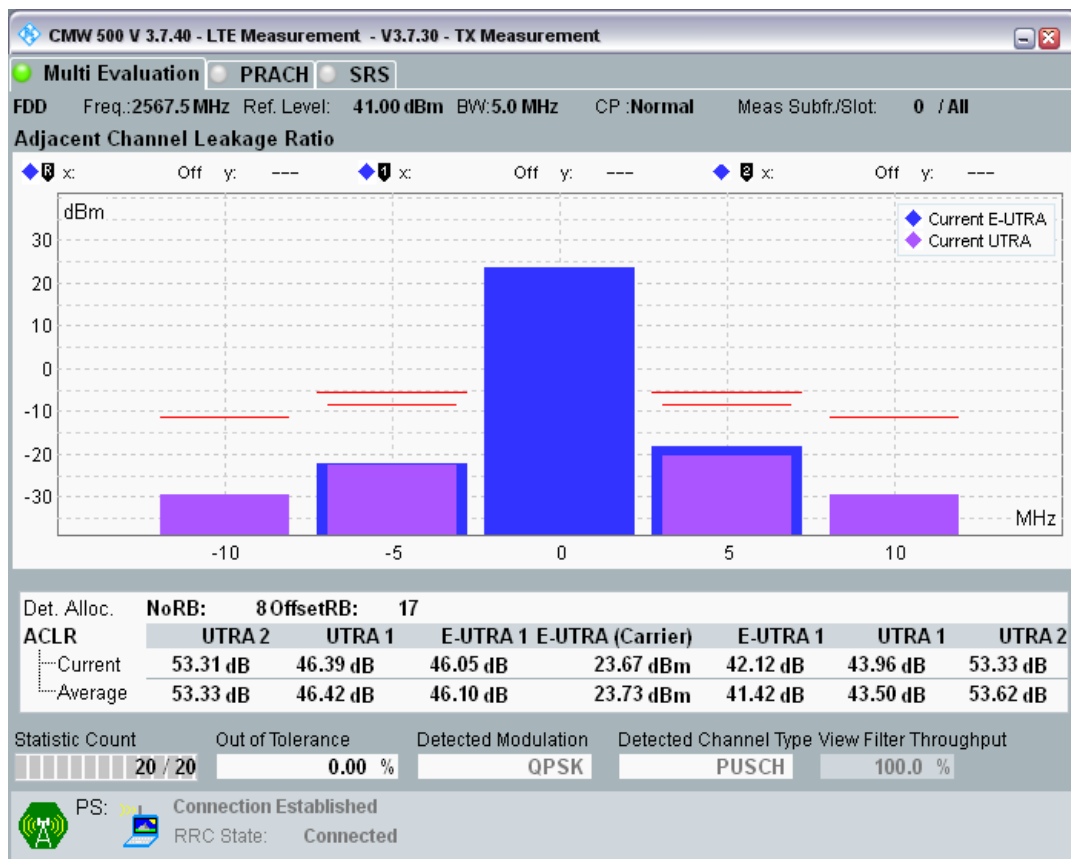
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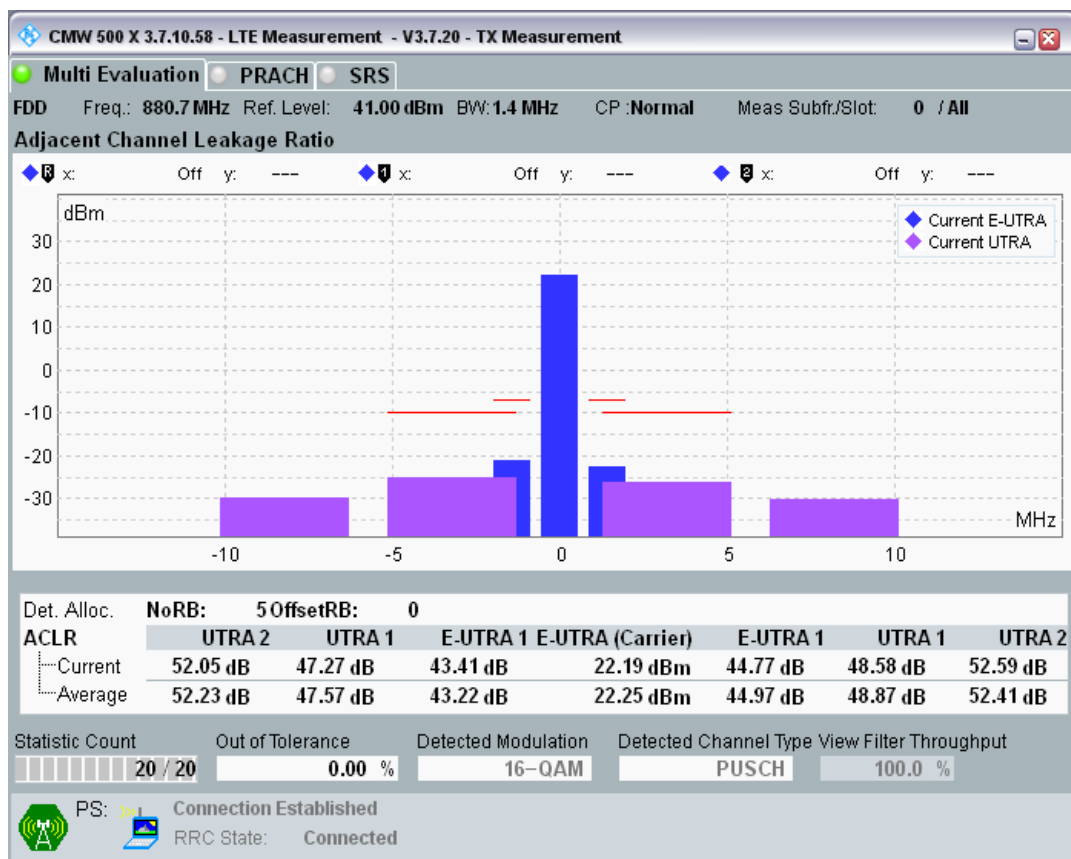
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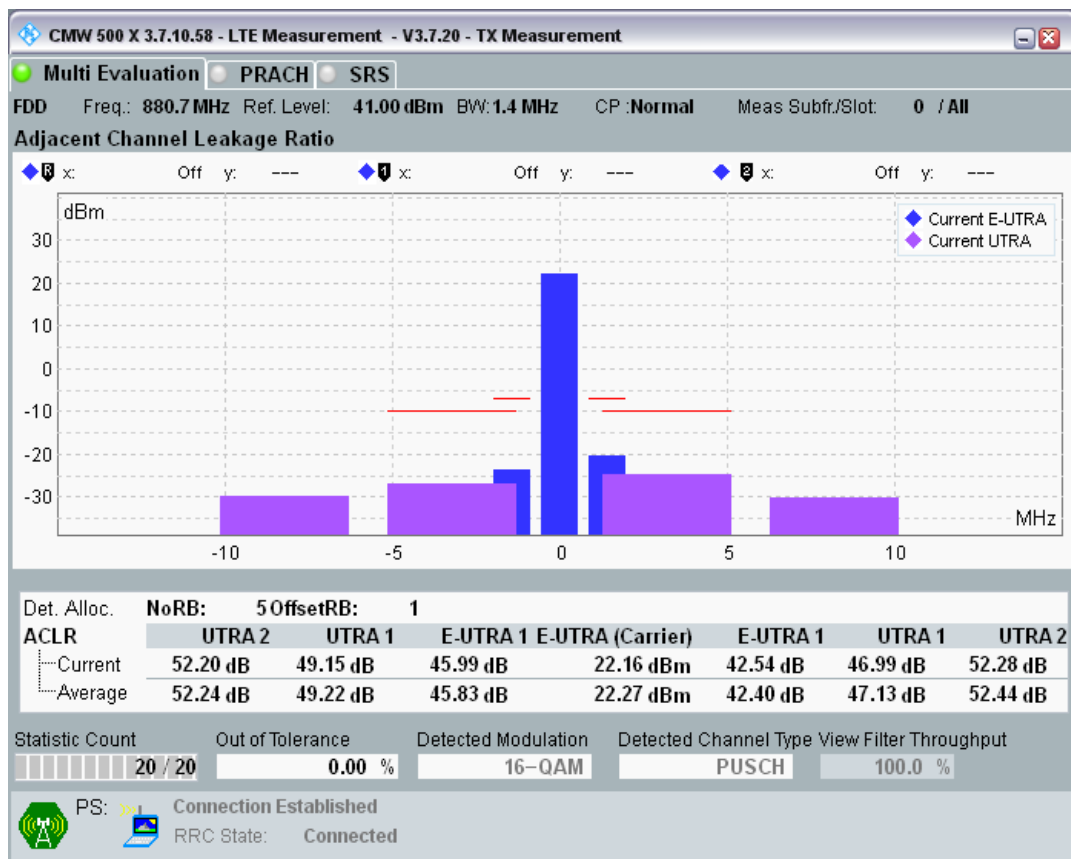
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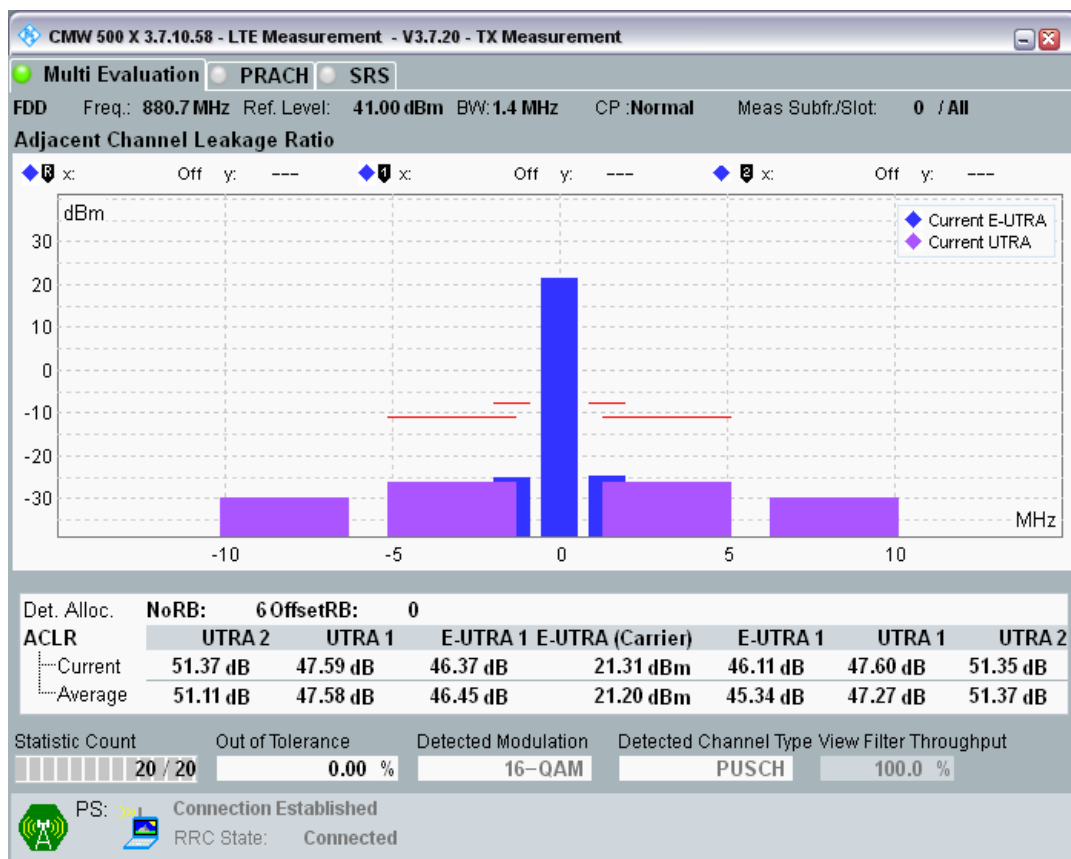
Band8 QAM16 BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



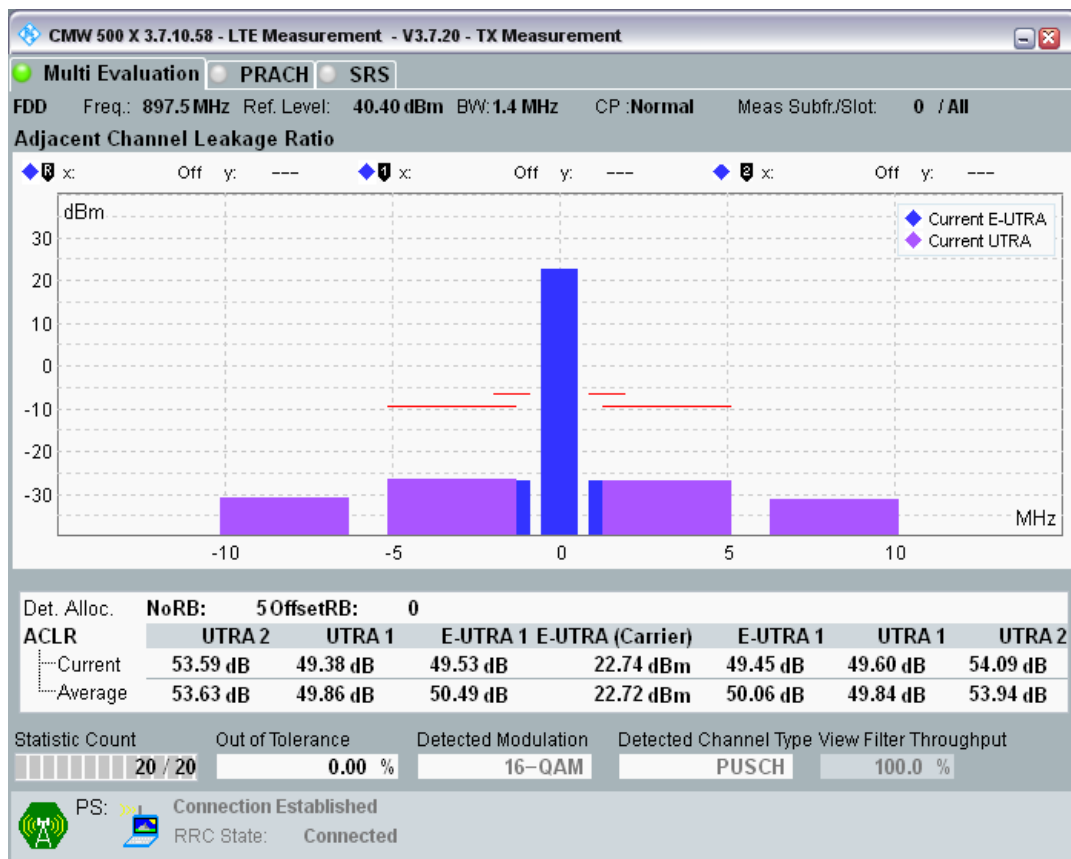
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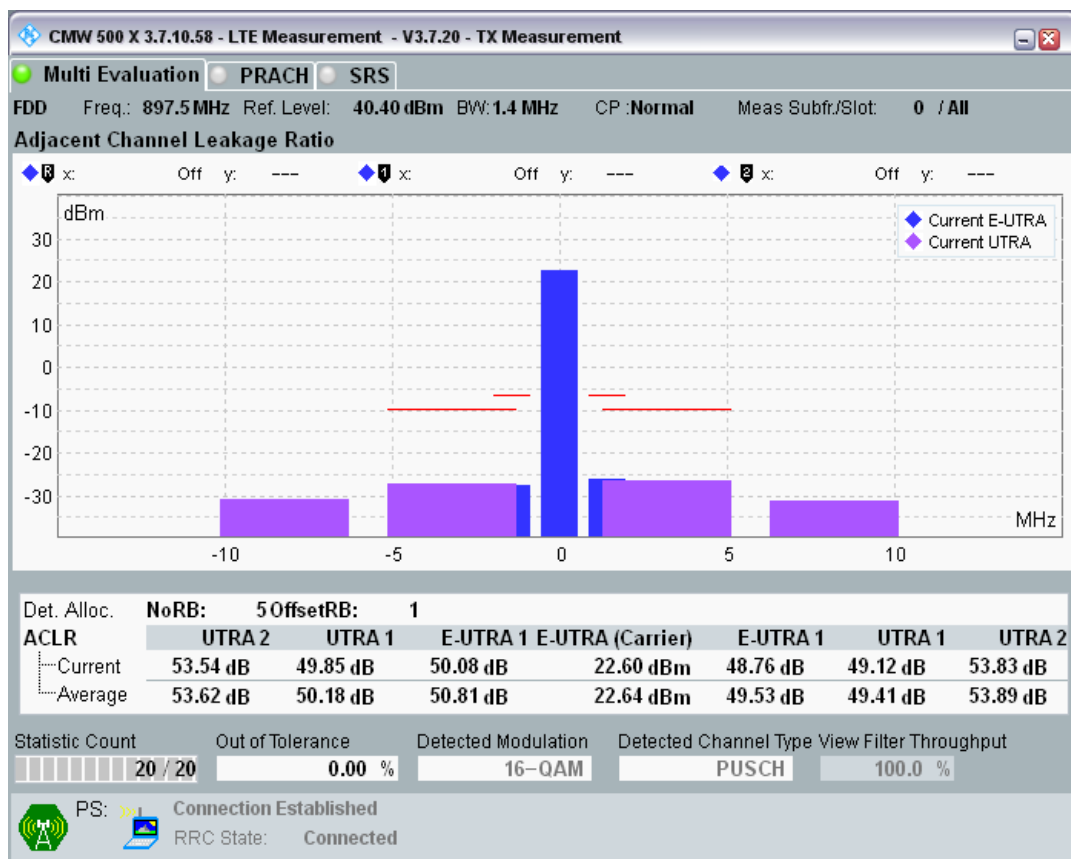
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Band8 QAM16 BW=1.4MHz Channel=21625 RB Size=5 Position=#0.png



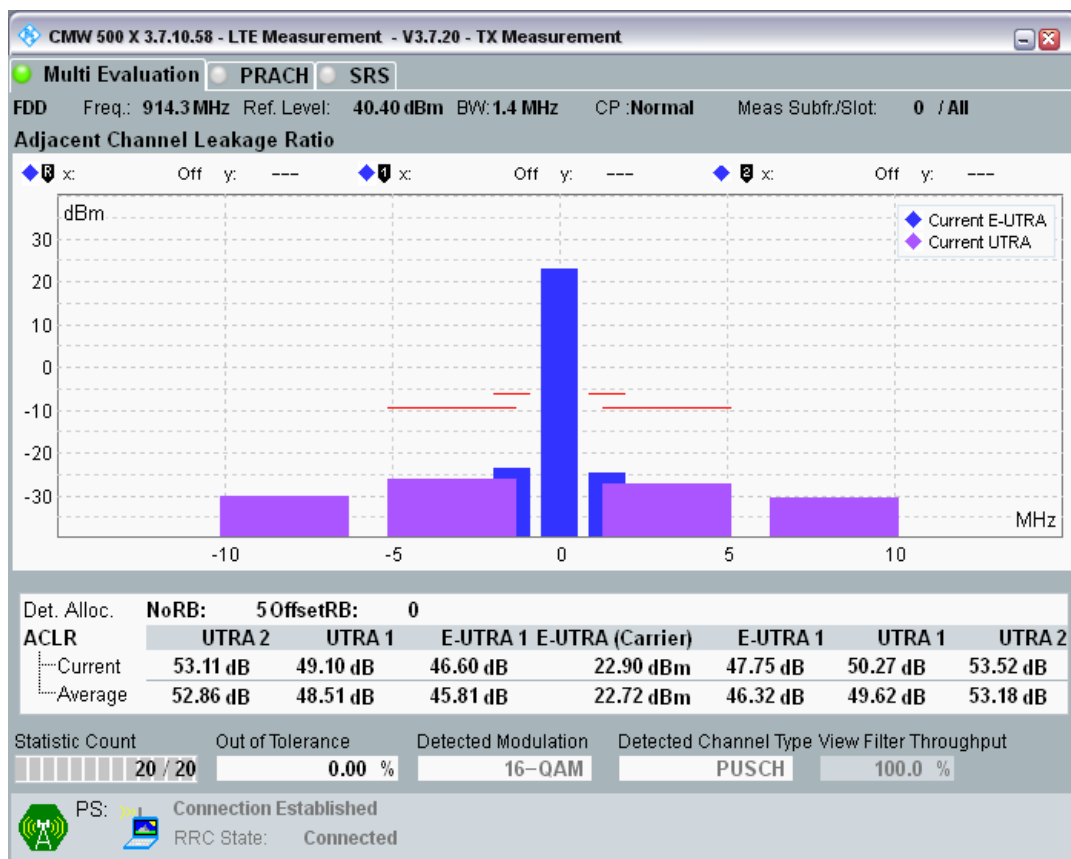
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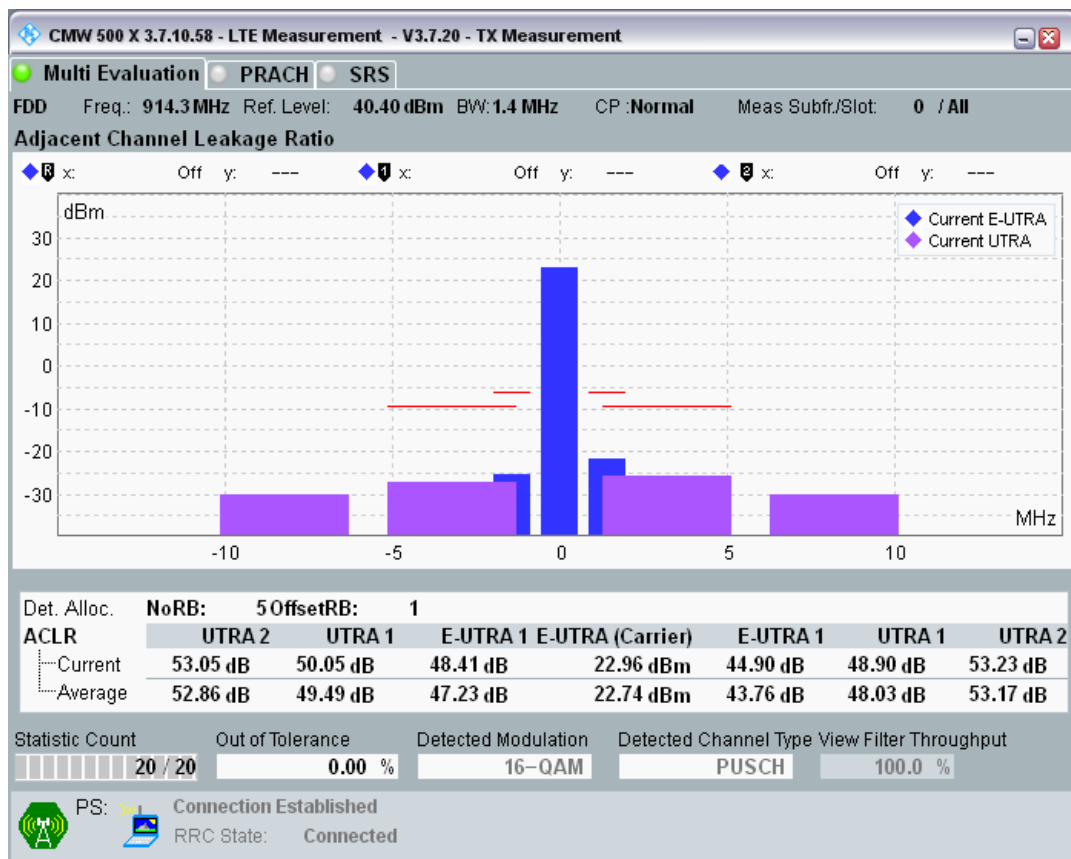
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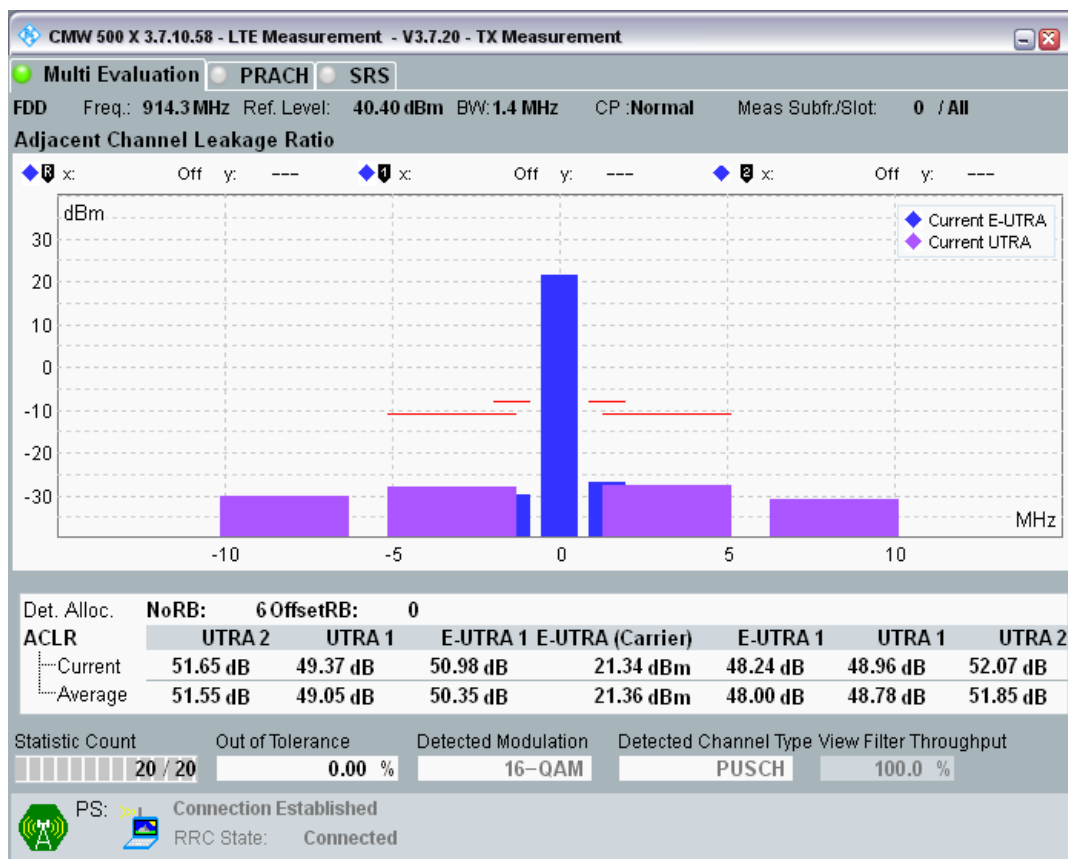
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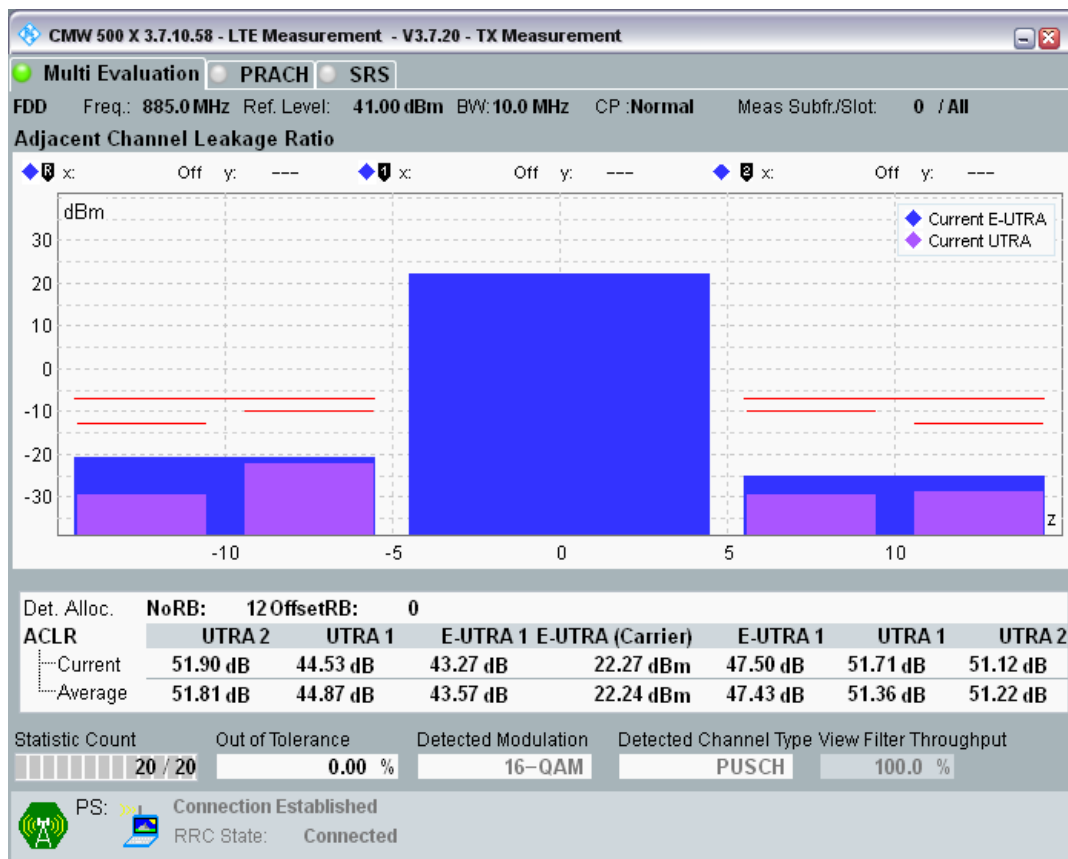
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Band8 QAM16 BW=1.4MHz Channel=21793 RB Size=6 Position=#0.png



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



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



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



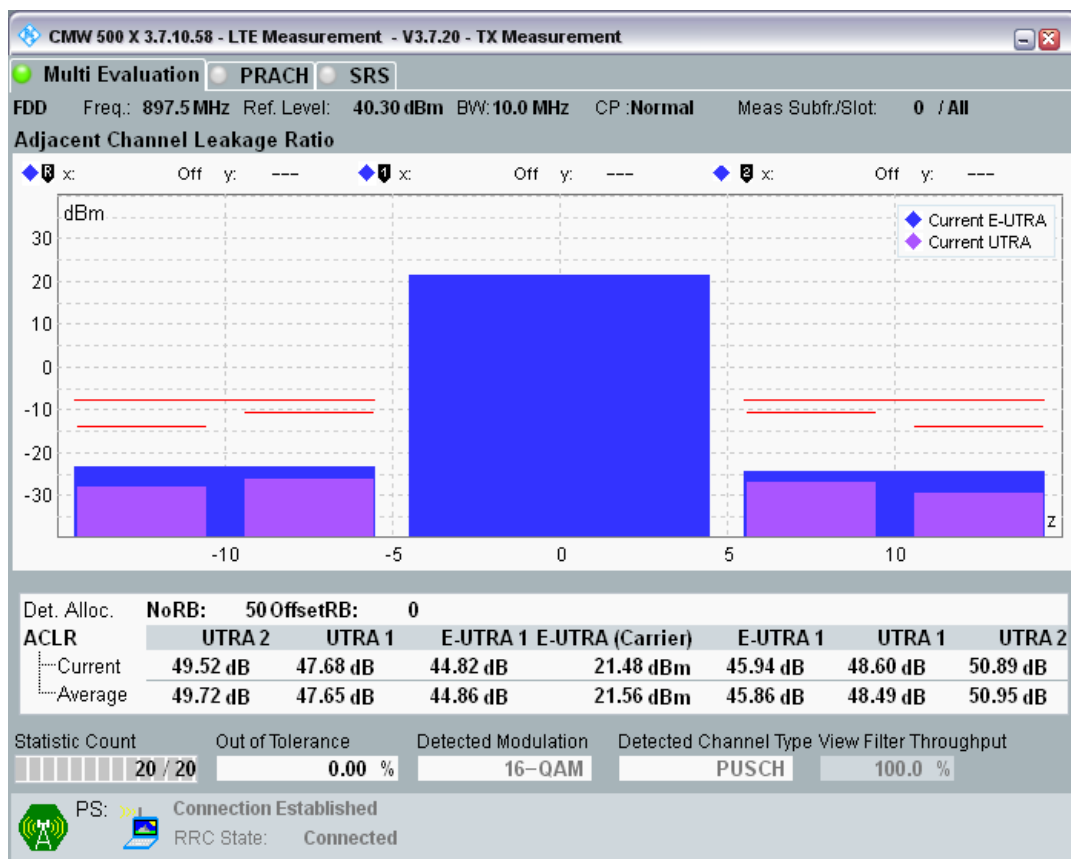
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Band8 QAM16 BW=10MHz Channel=21625 RB Size=12 Position=#Max.png



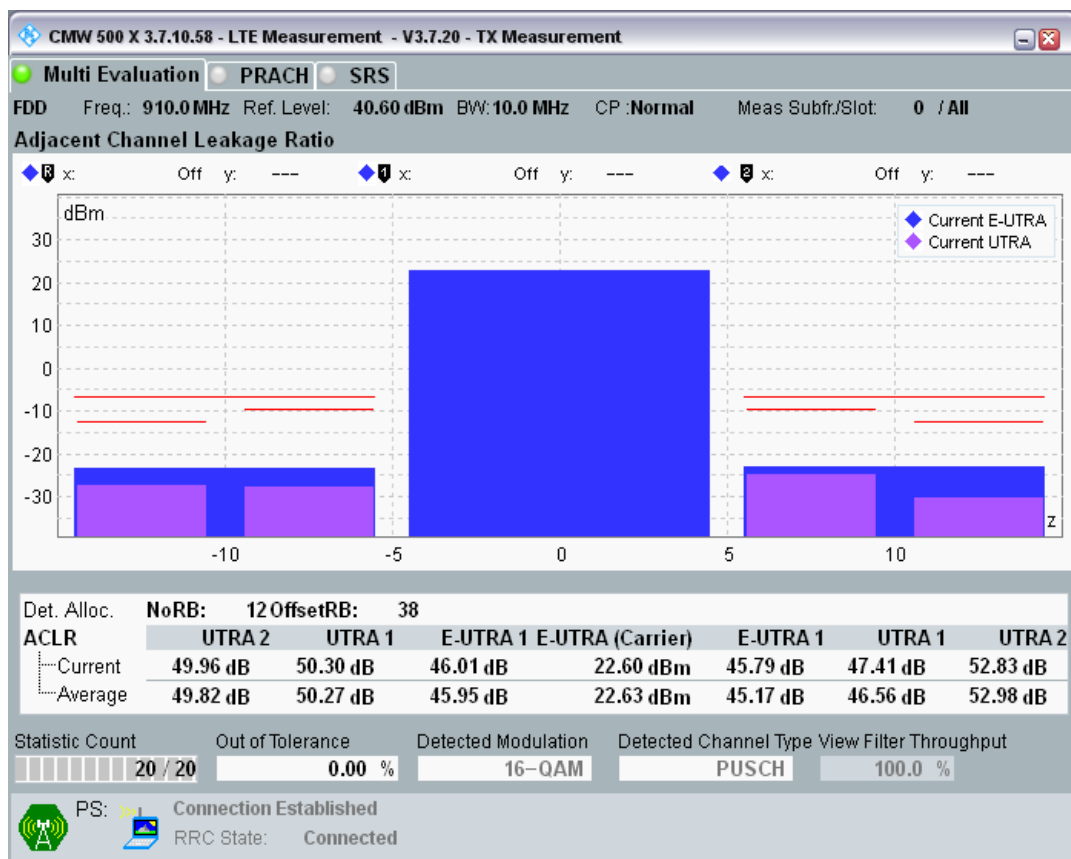
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Band8 QAM16 BW=10MHz Channel=21750 RB Size=12 Position=#0.png



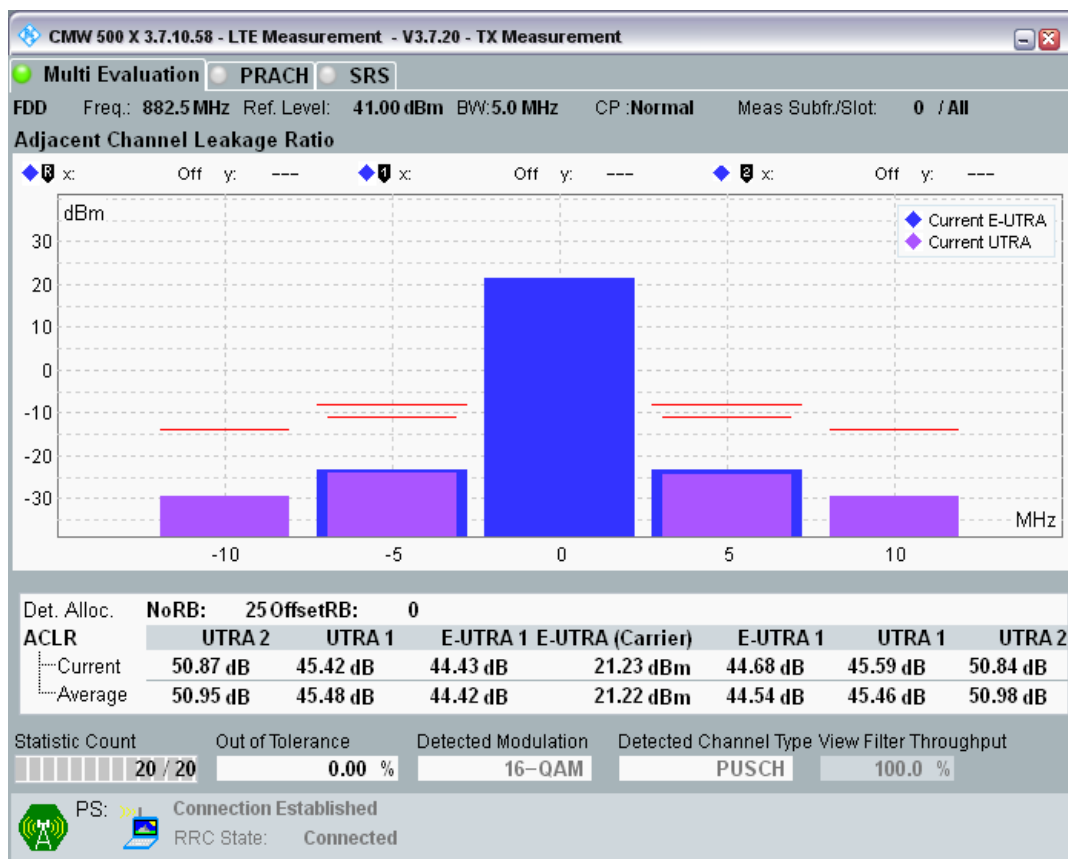
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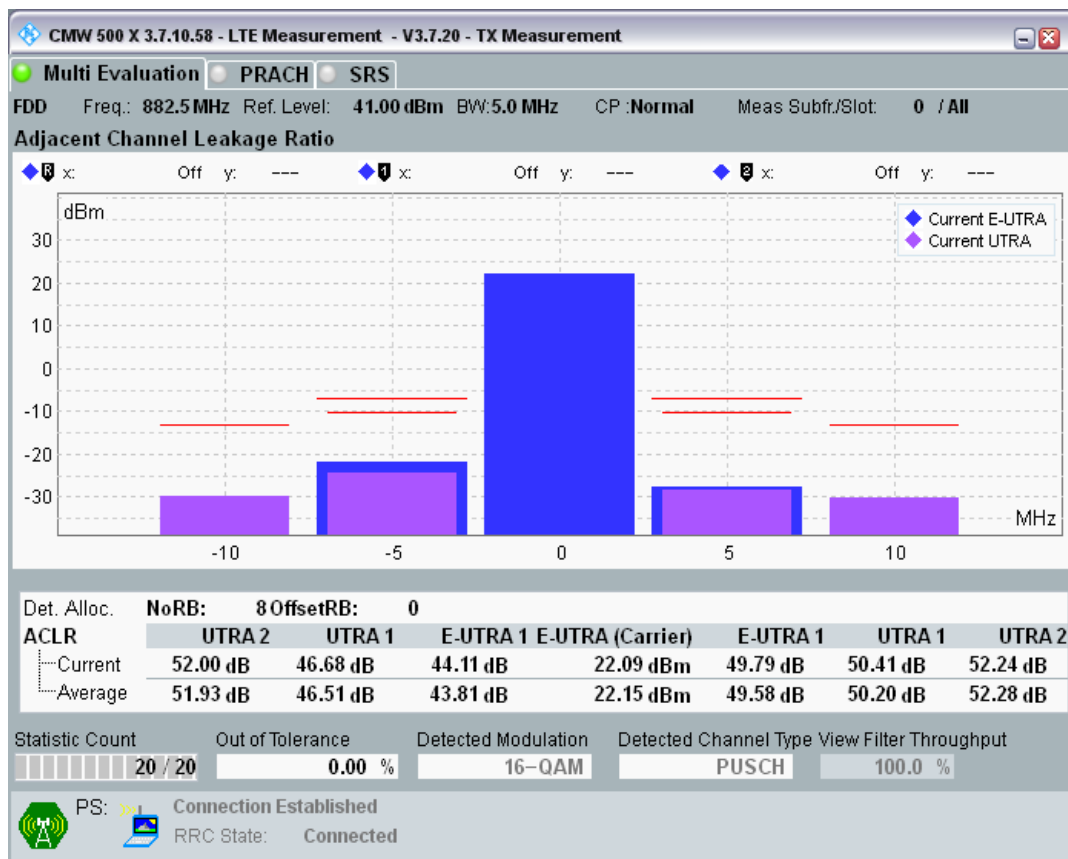
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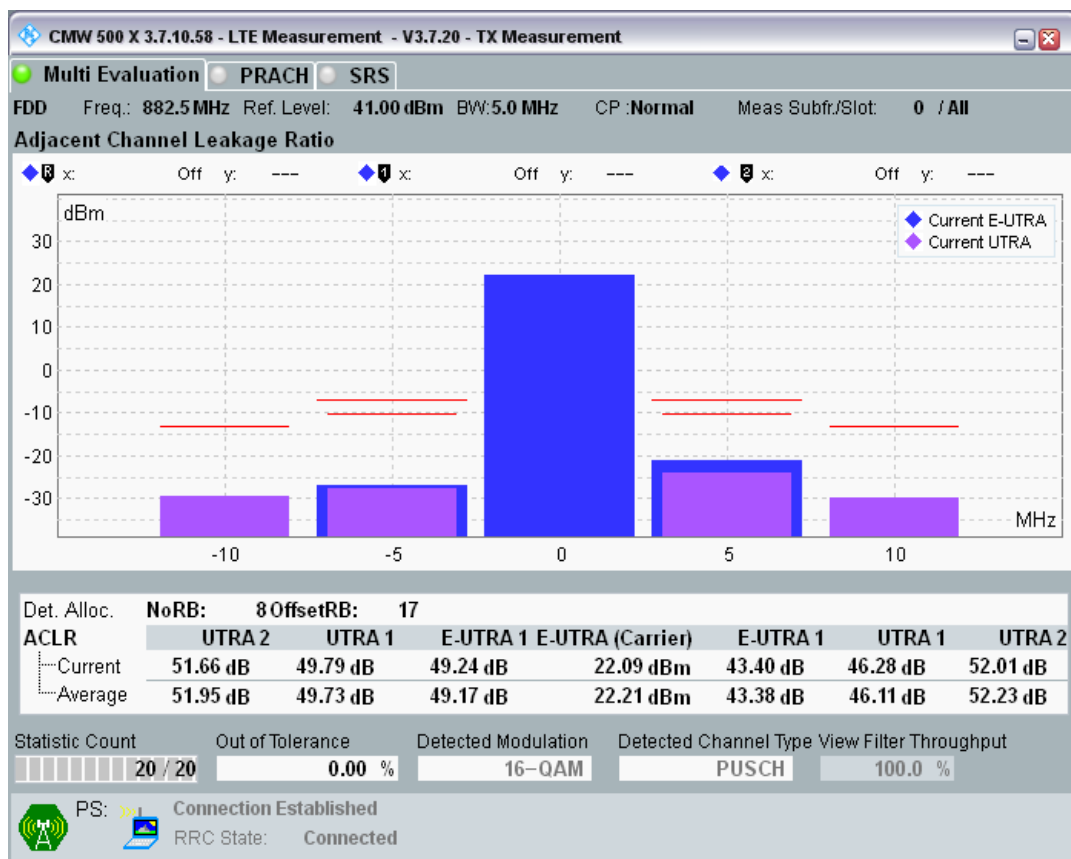
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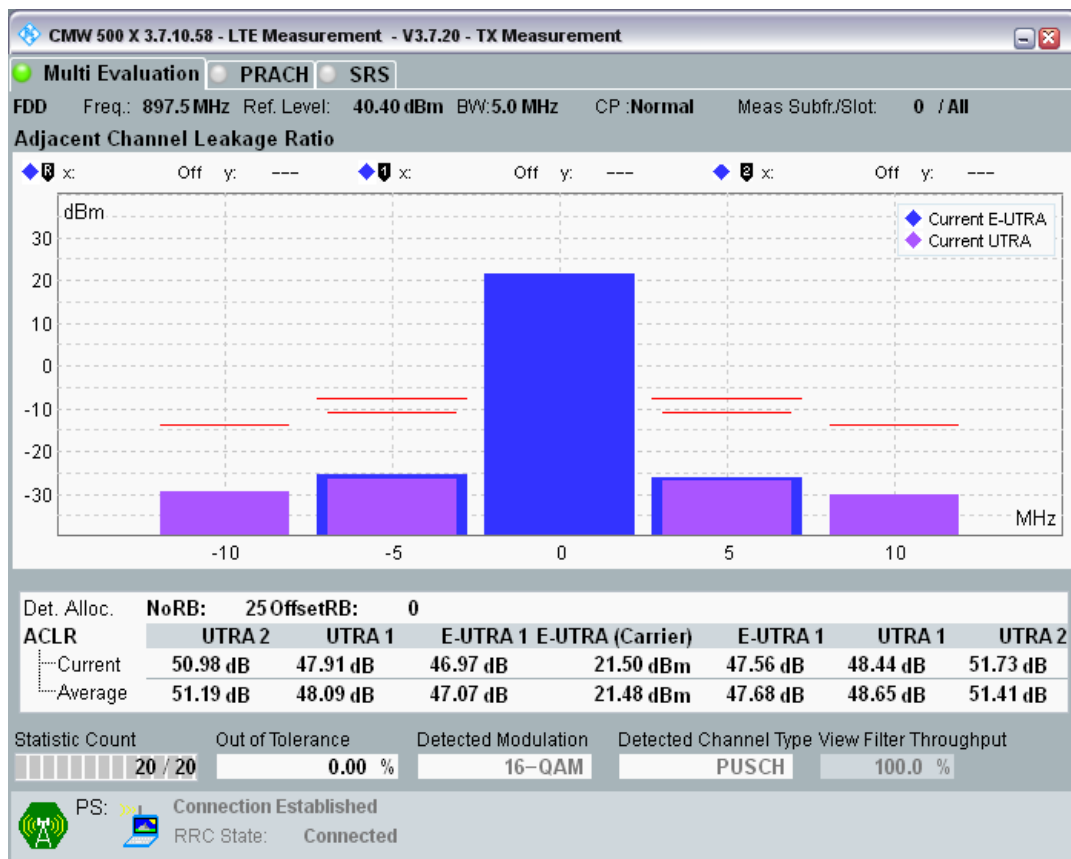
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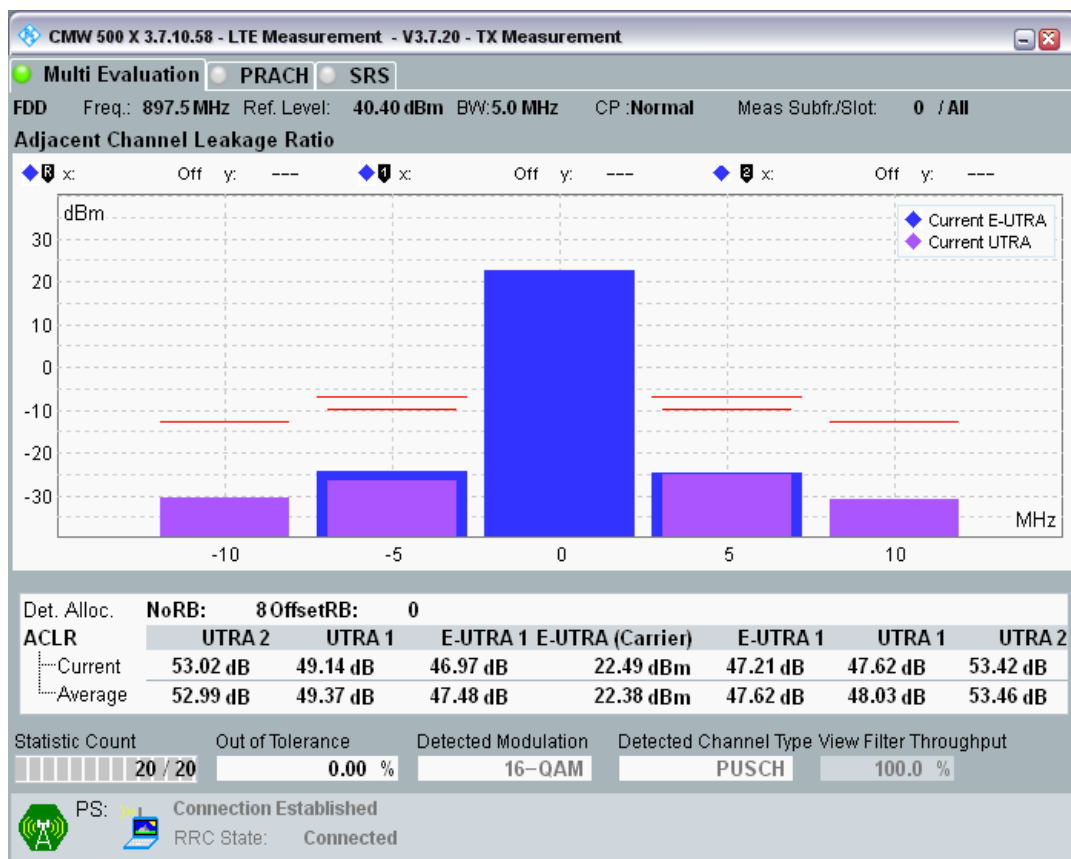
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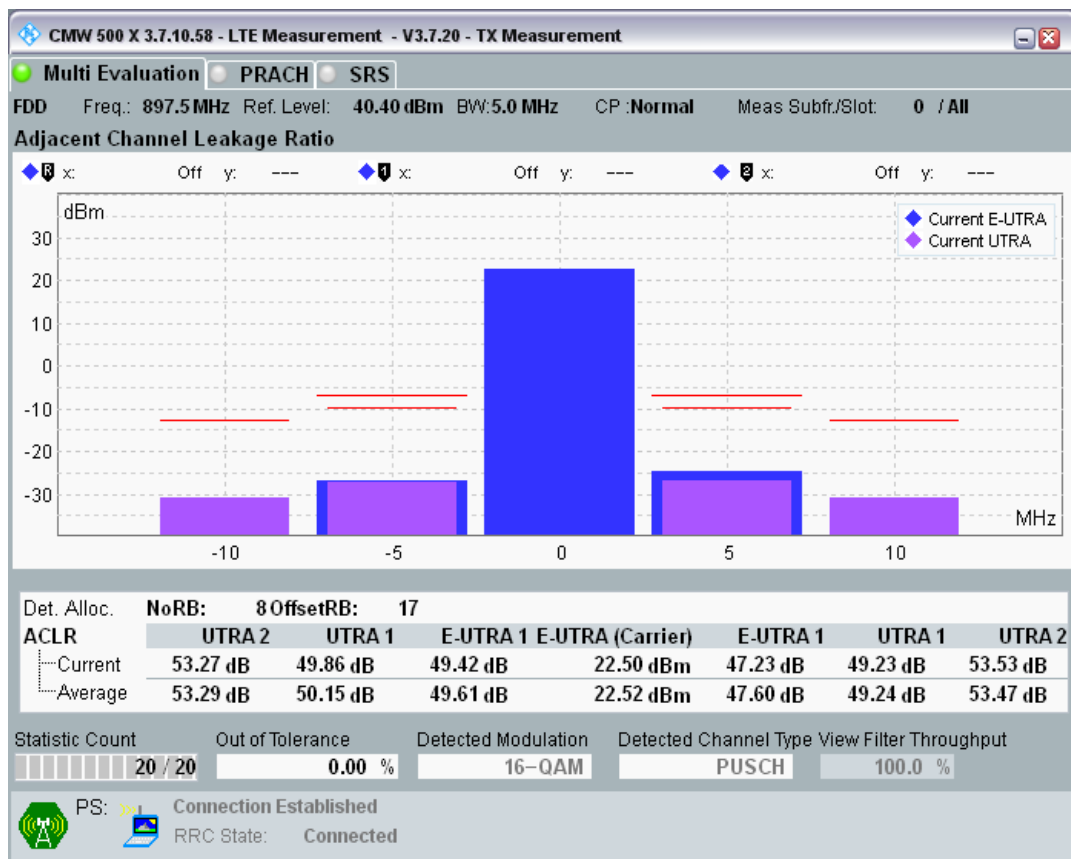
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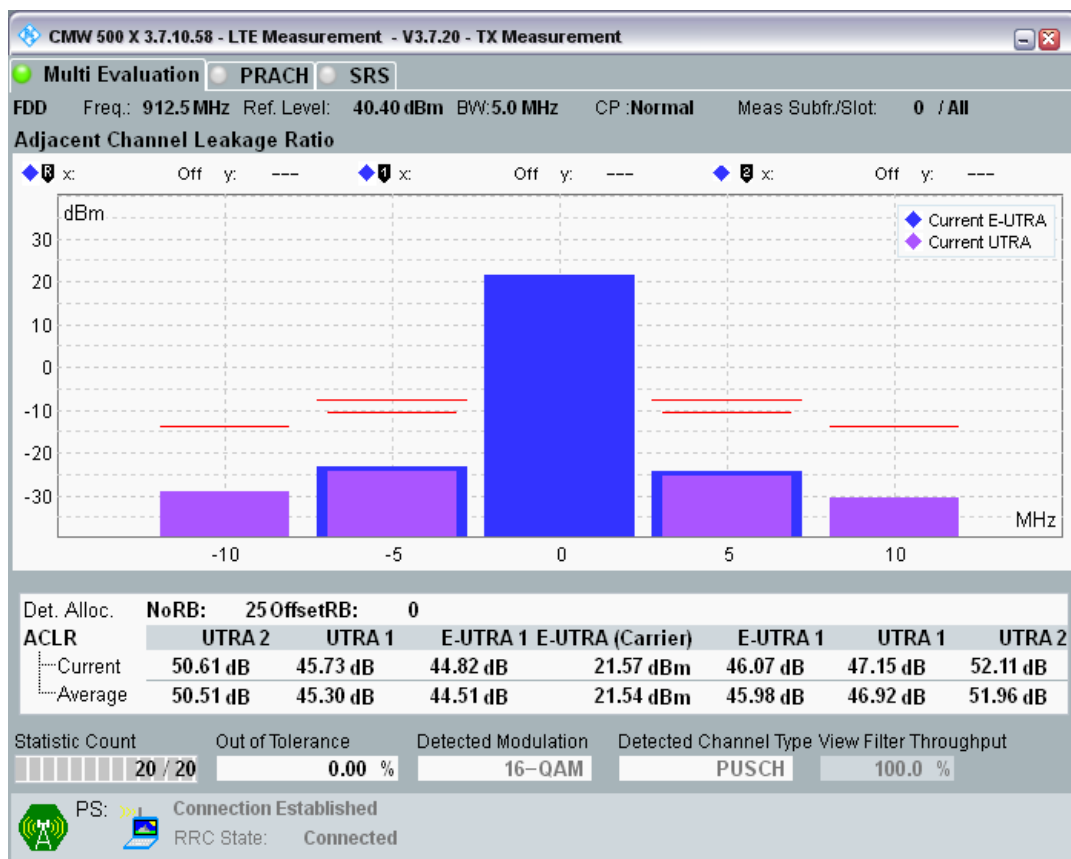
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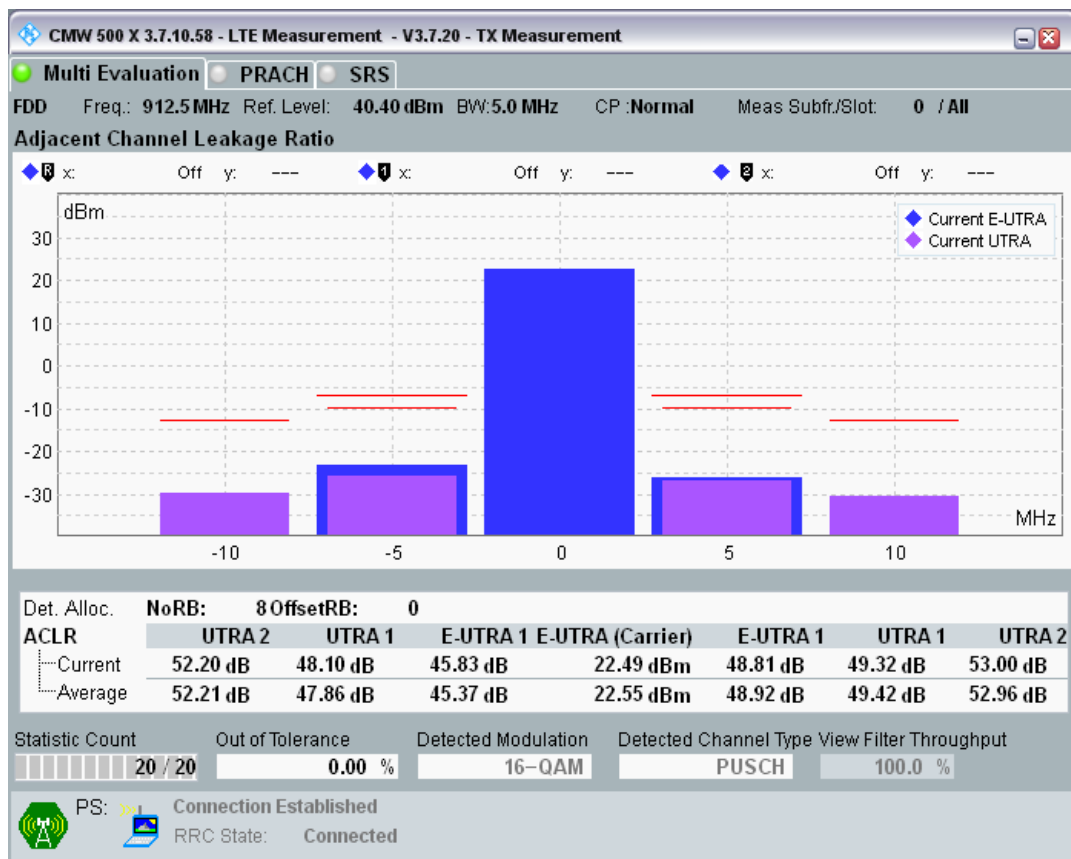
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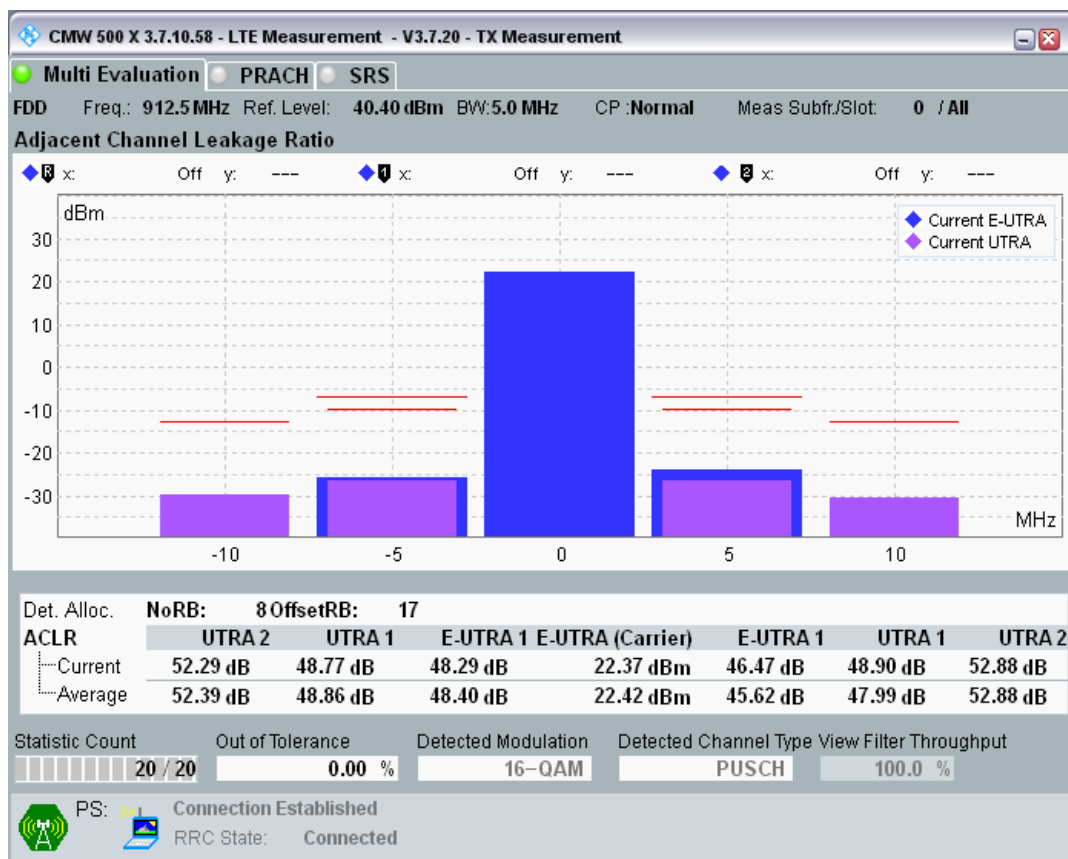
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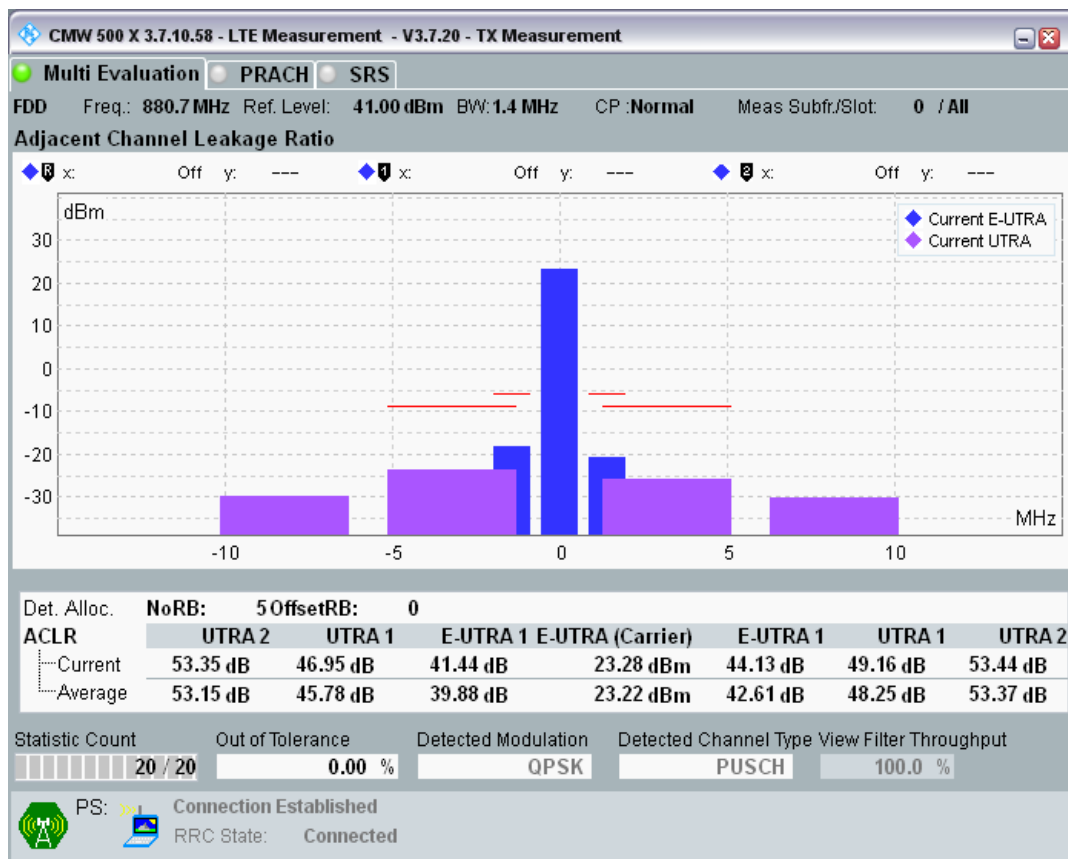
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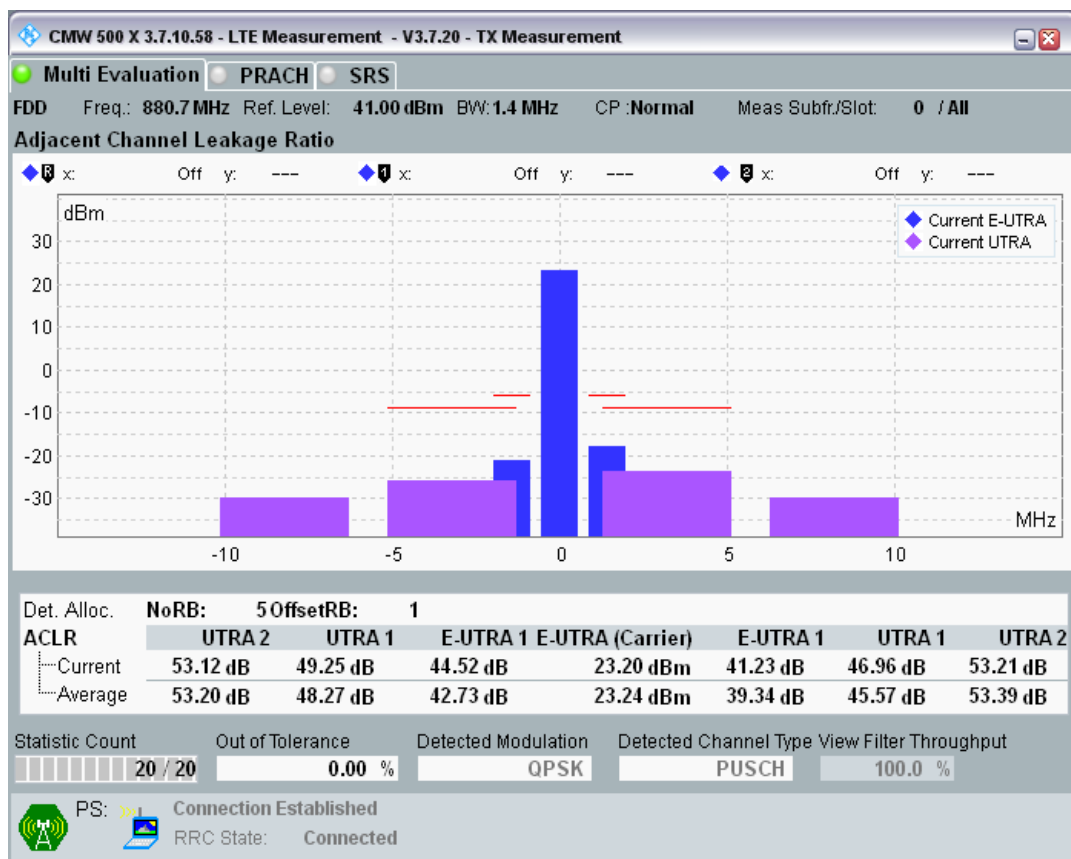
Band8 QAM16 BW=5MHz Channel=21775 RB Size=8 Position=#Max.png



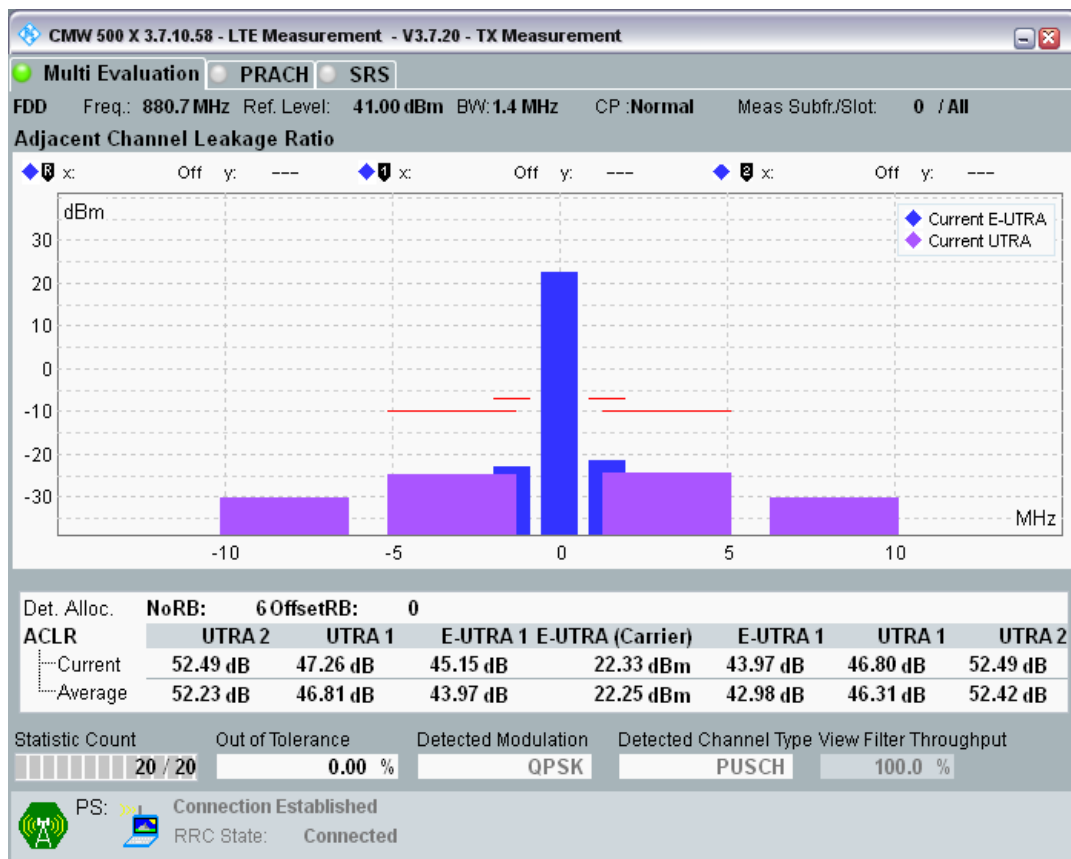
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#0.png



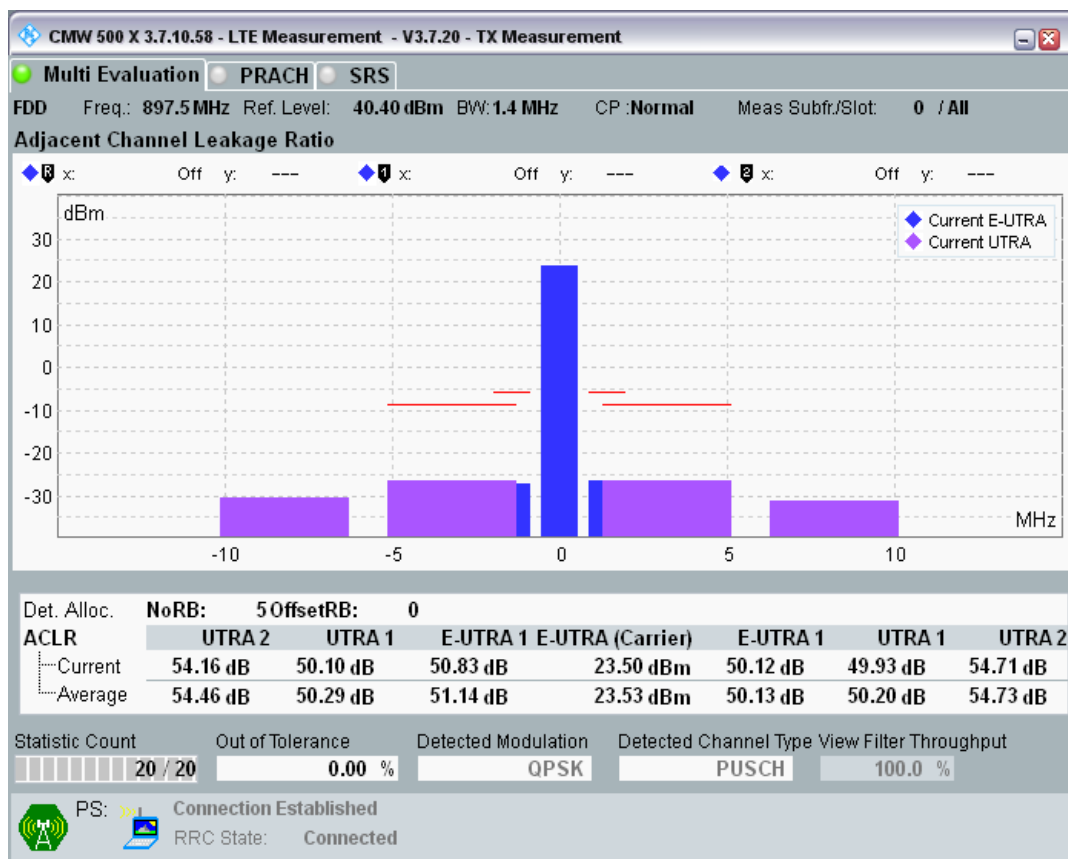
Band8 QPSK BW=1.4MHz Channel=21457 RB Size=5 Position=#Max.png



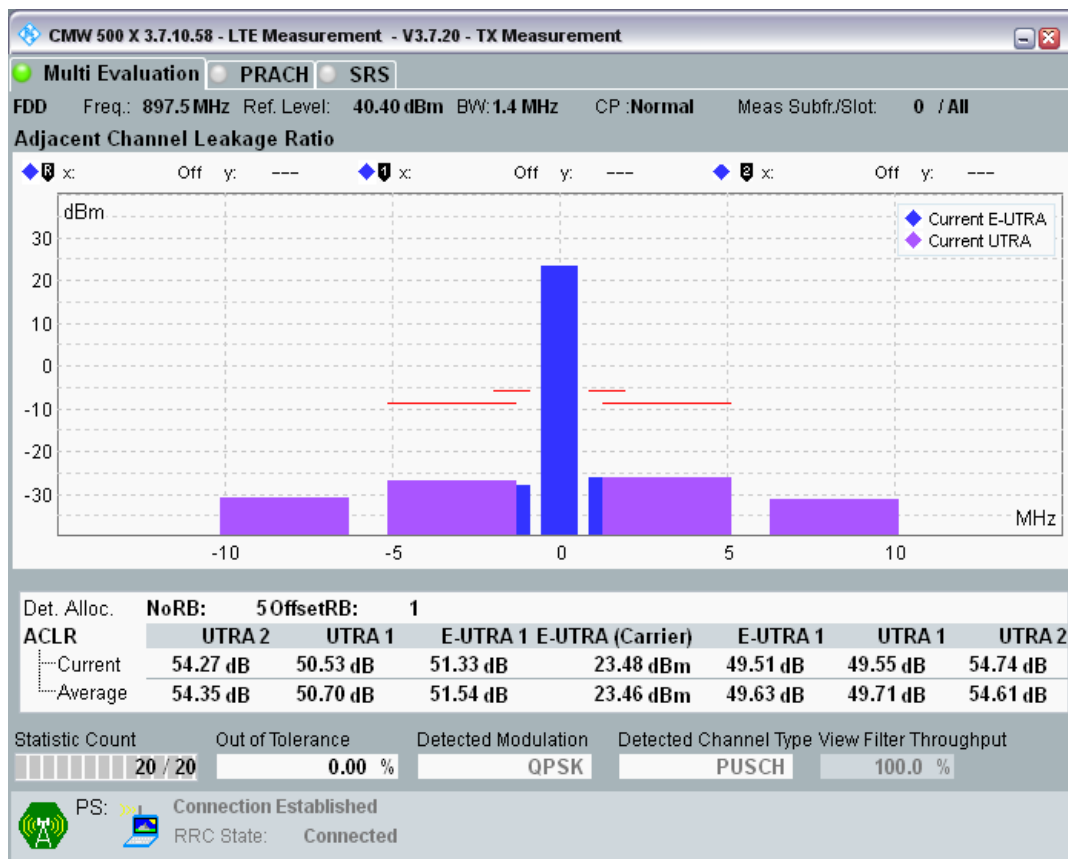
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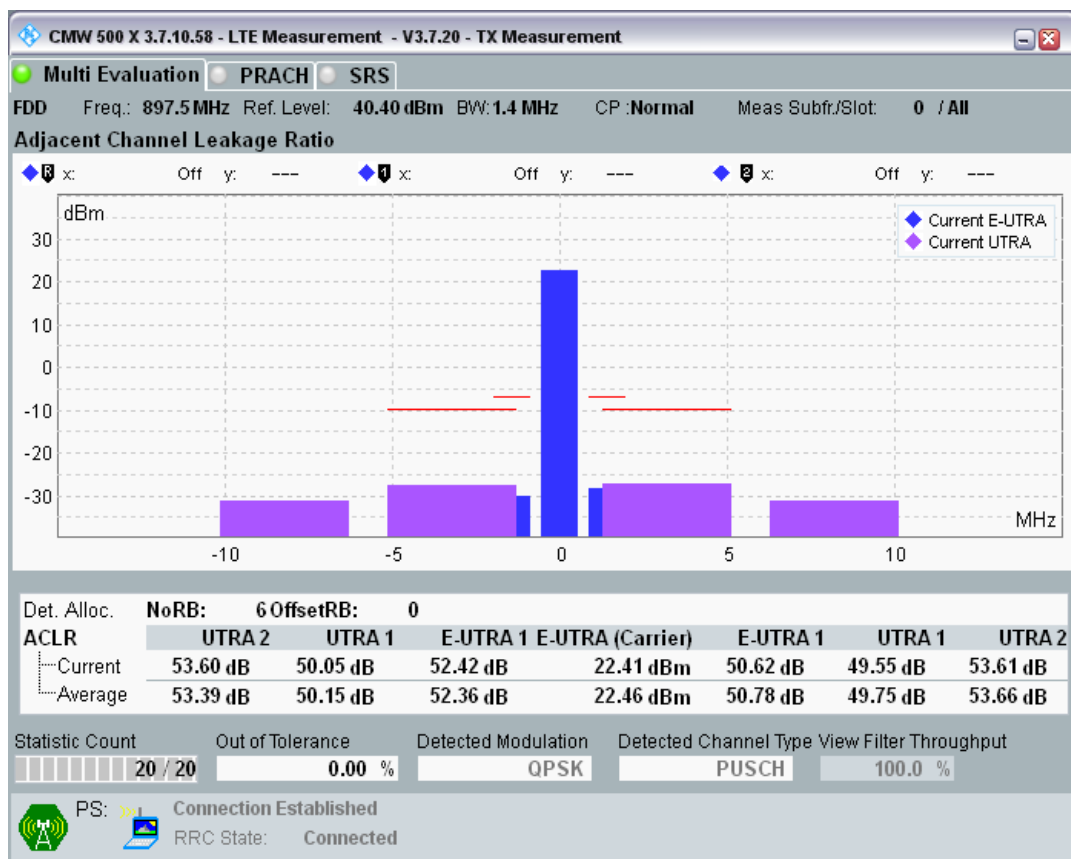
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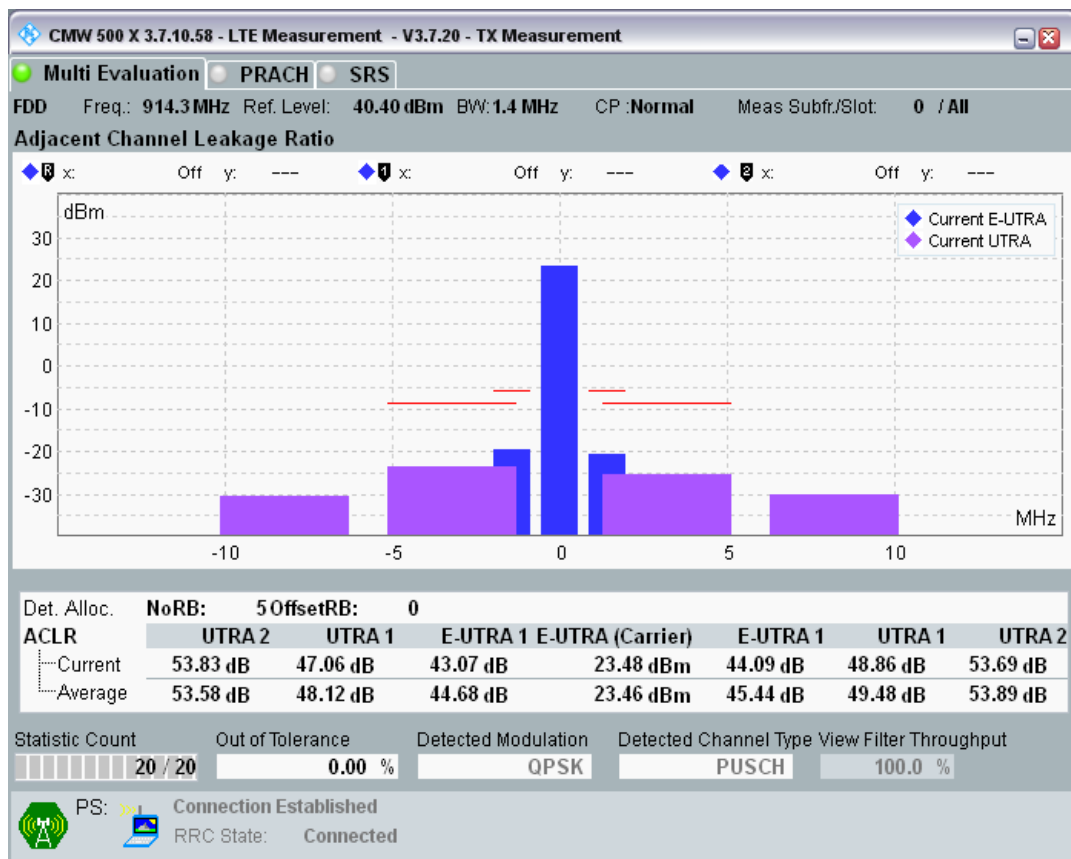
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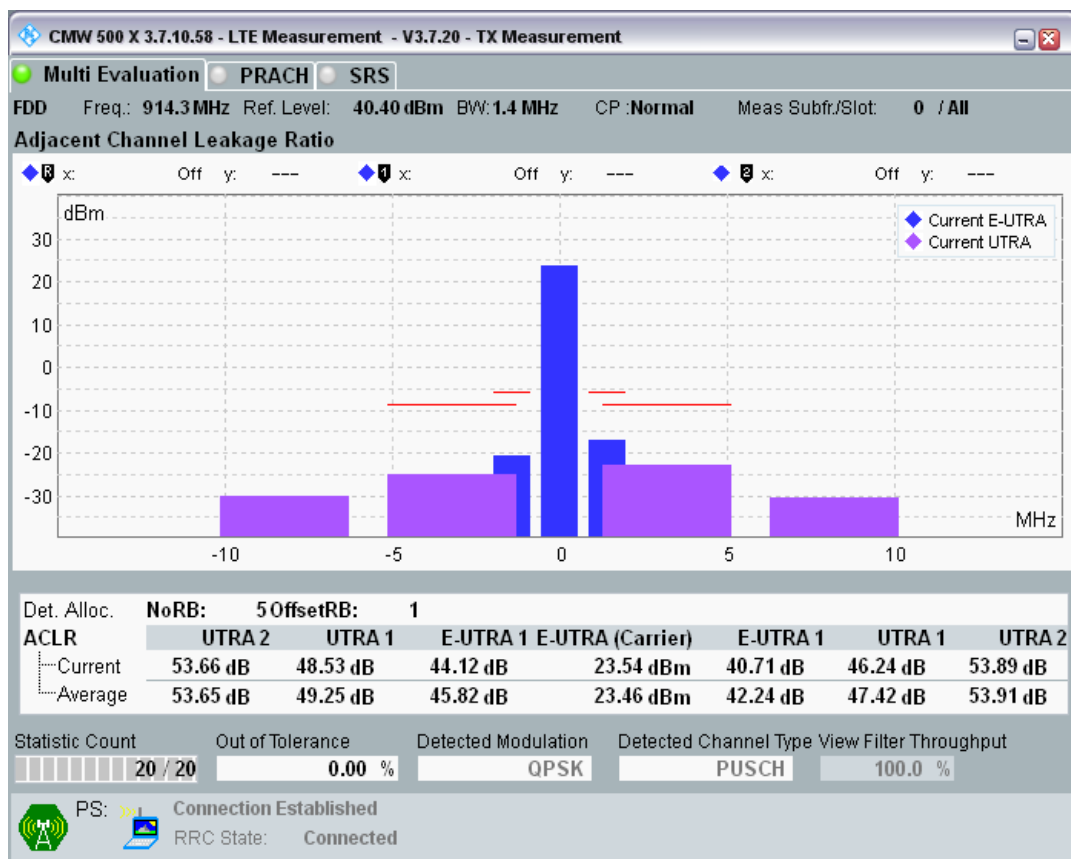
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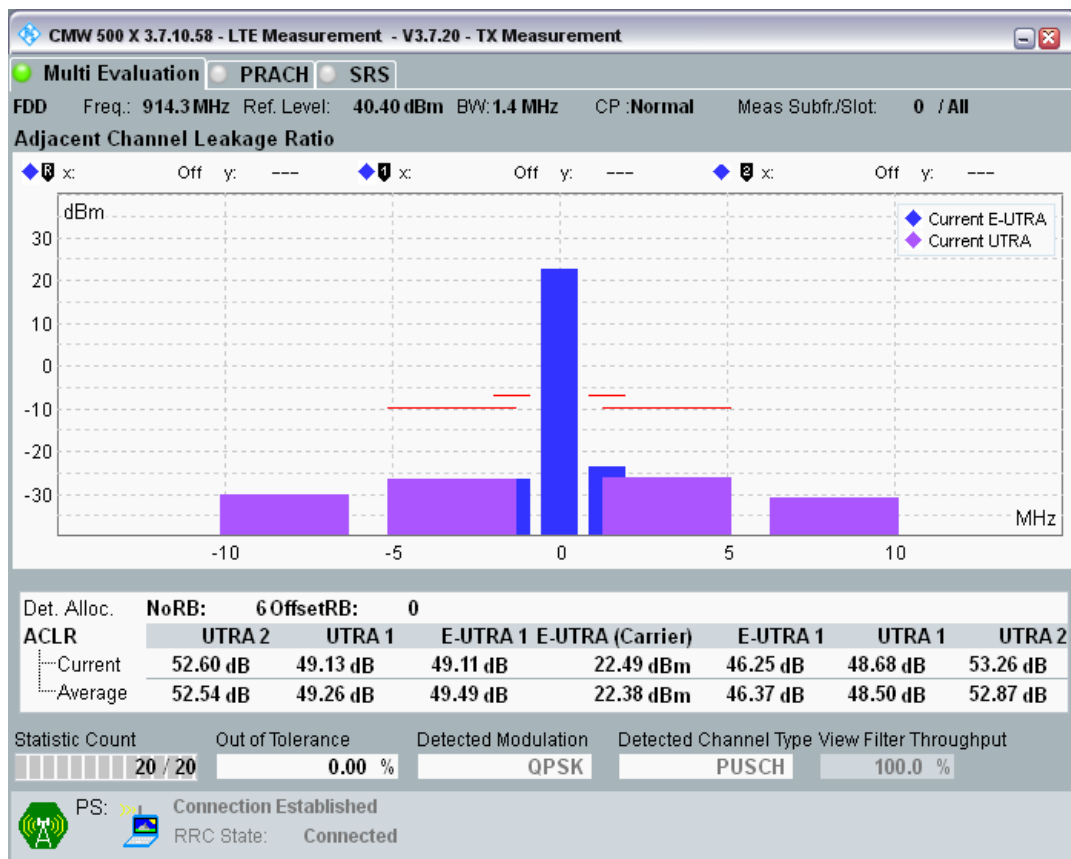
Band8 QPSK BW=1.4MHz Channel=21793 RB Size=5 Position=#0.png



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



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



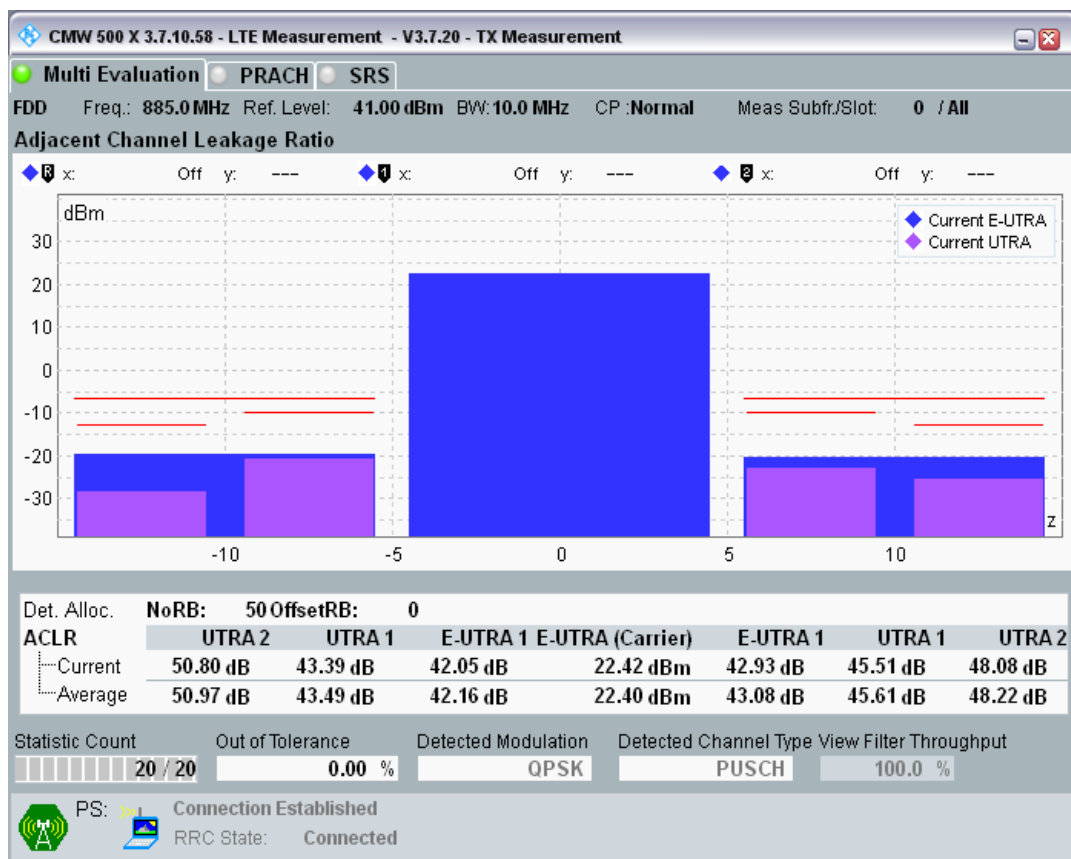
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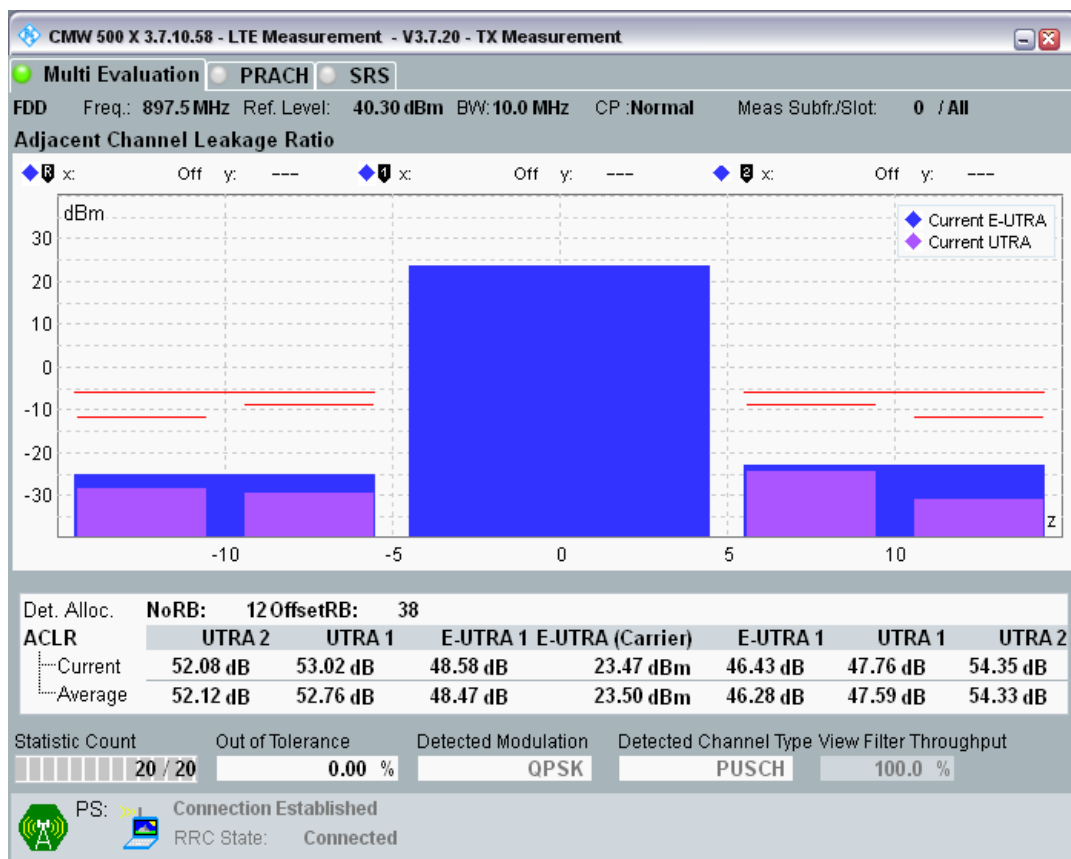
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Band8 QPSK BW=10MHz Channel=21625 RB Size=12 Position=#0.png



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



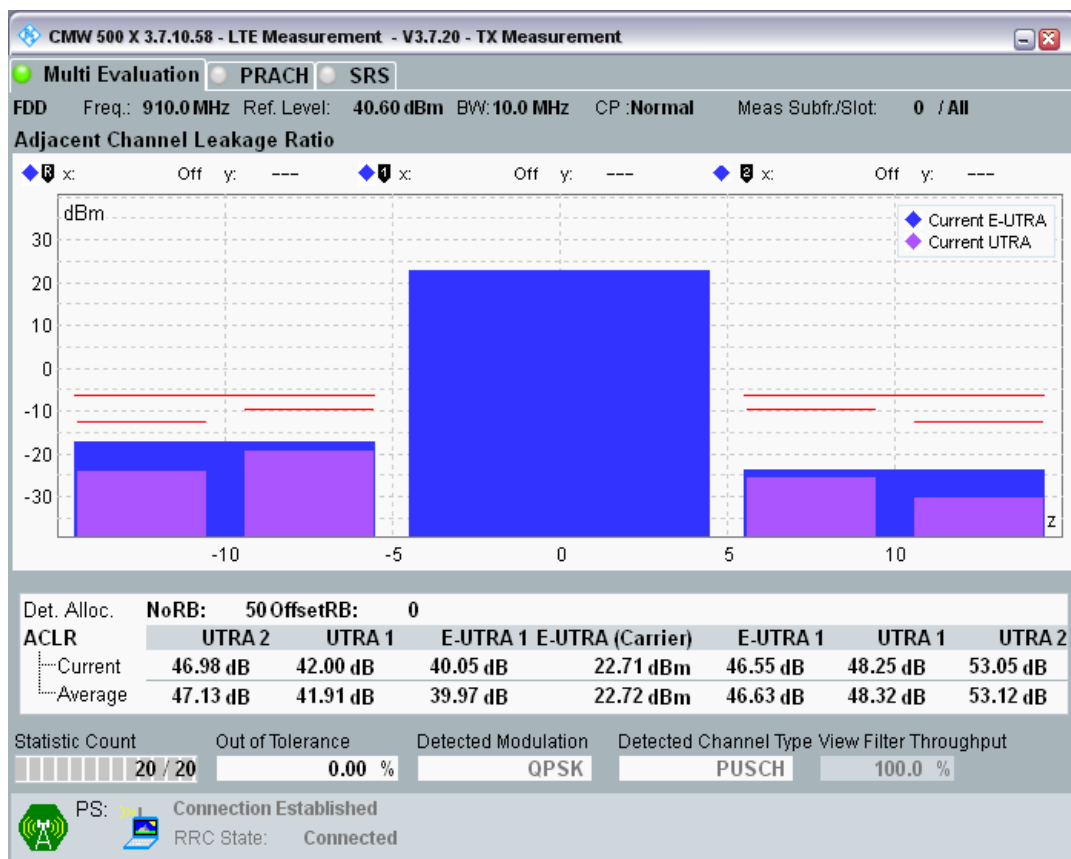
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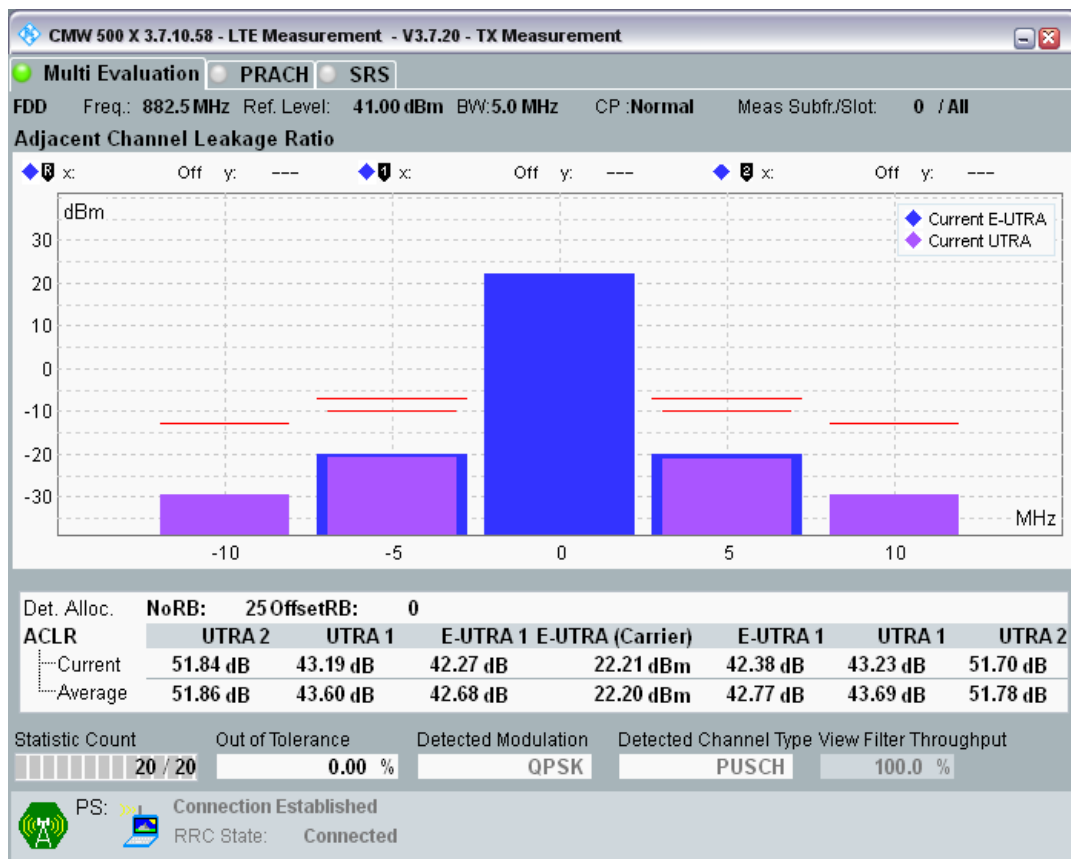
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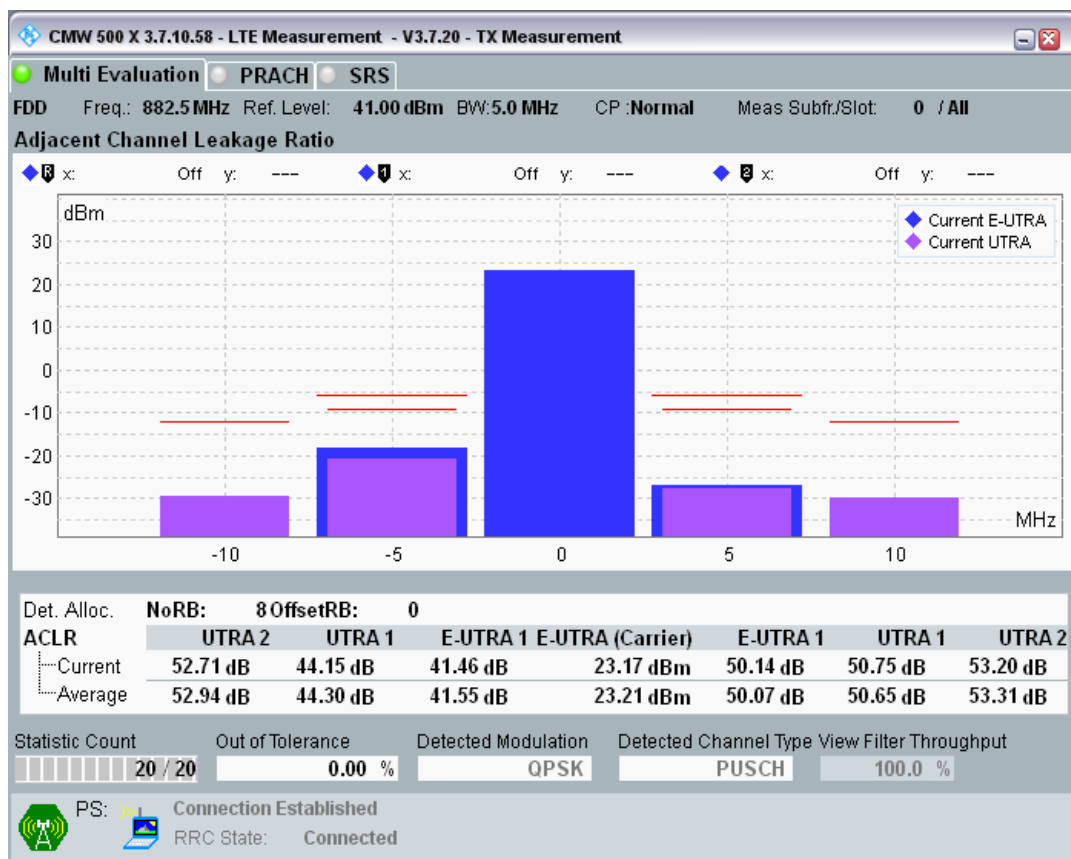
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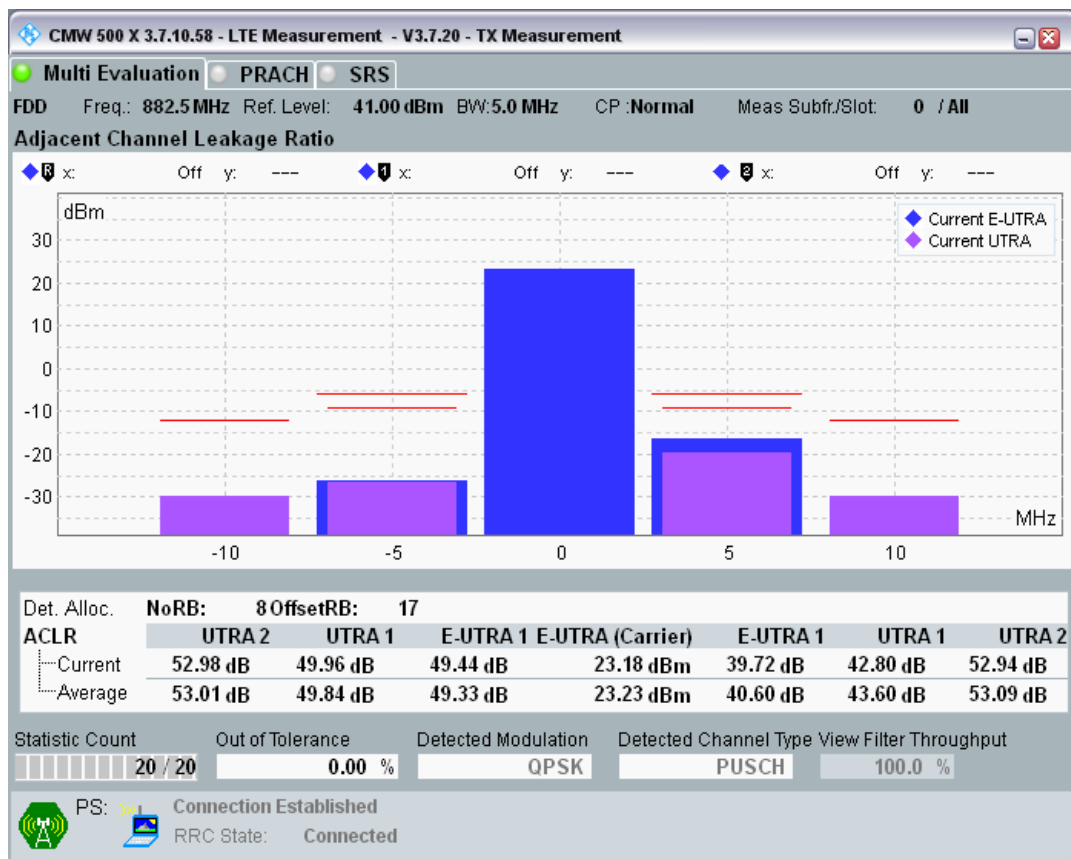
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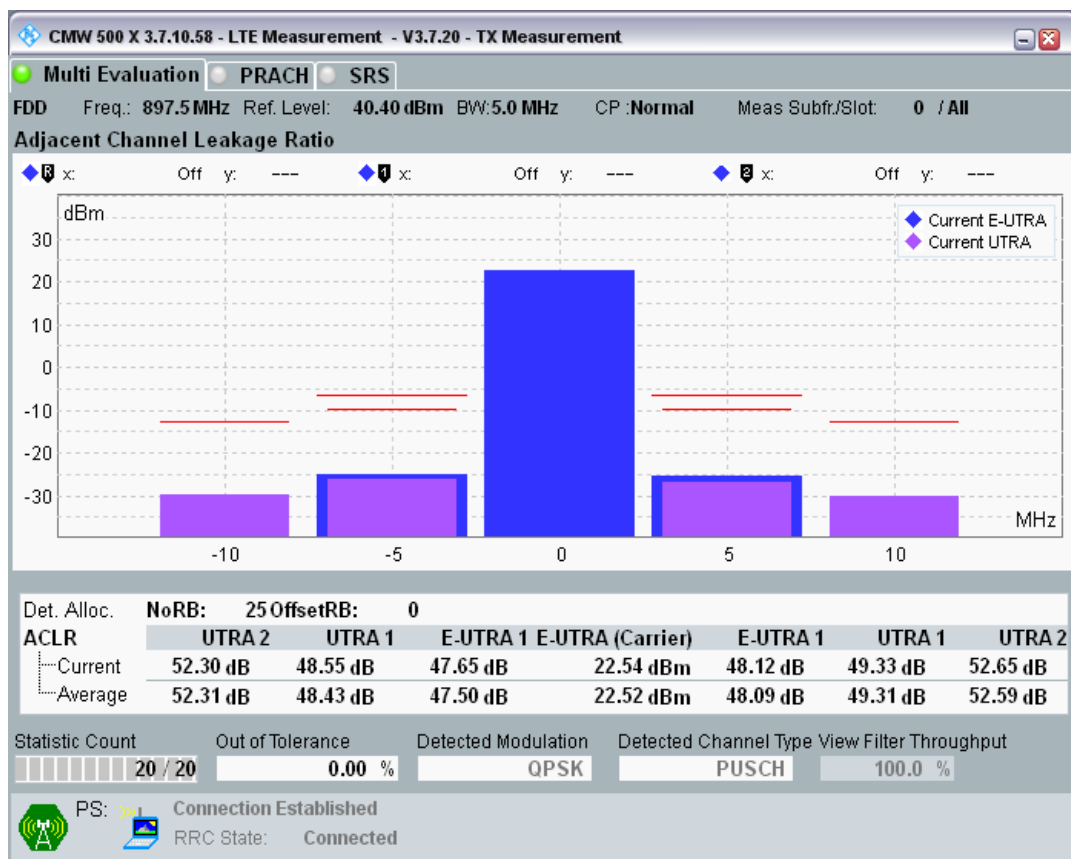
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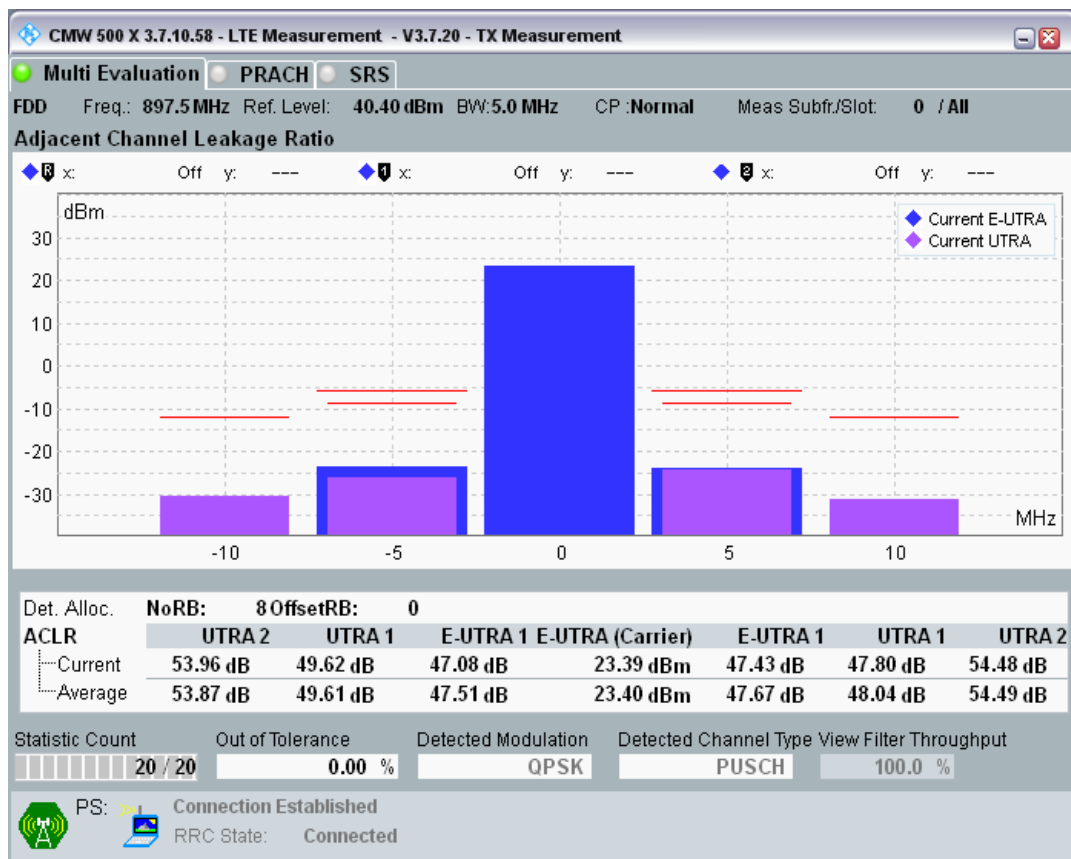
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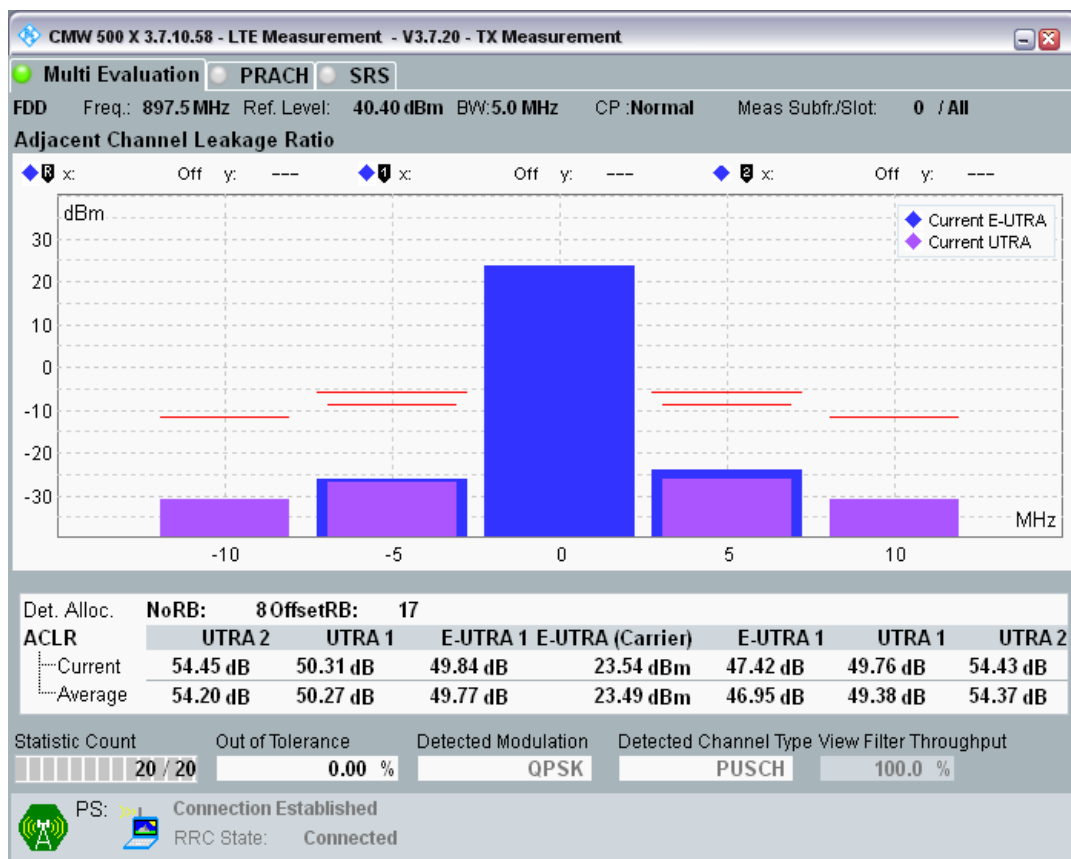
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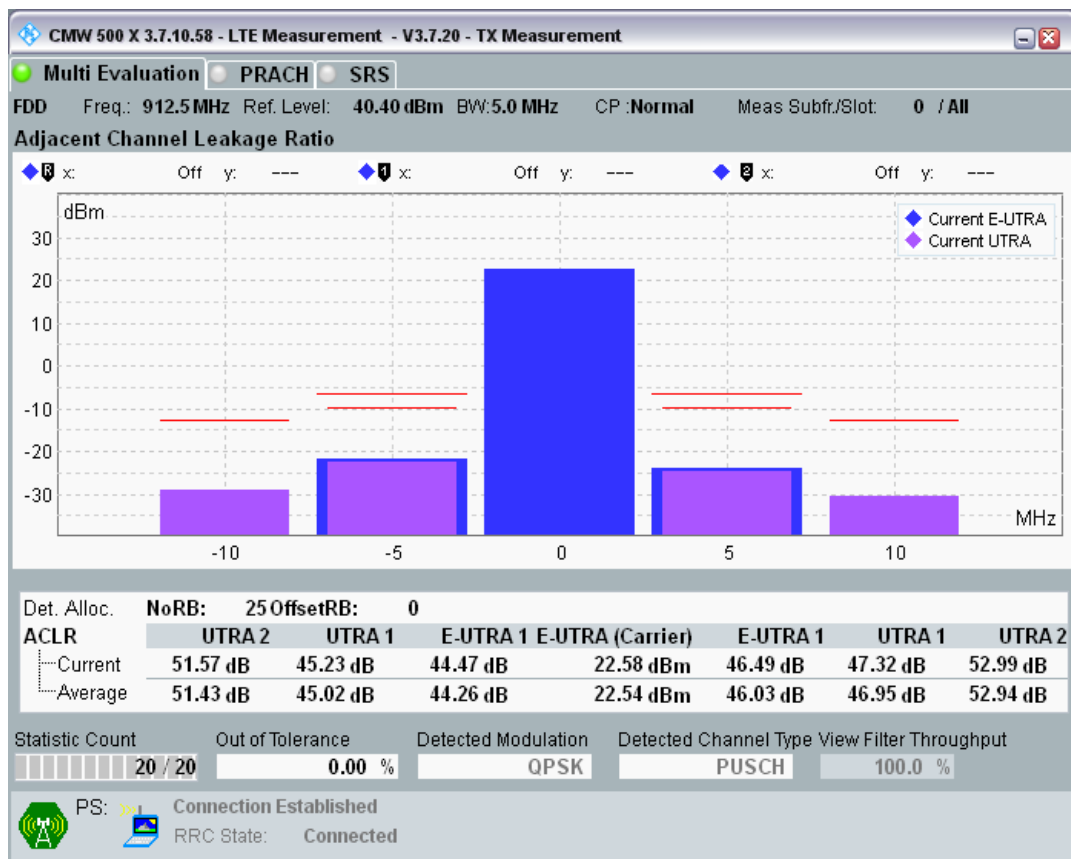
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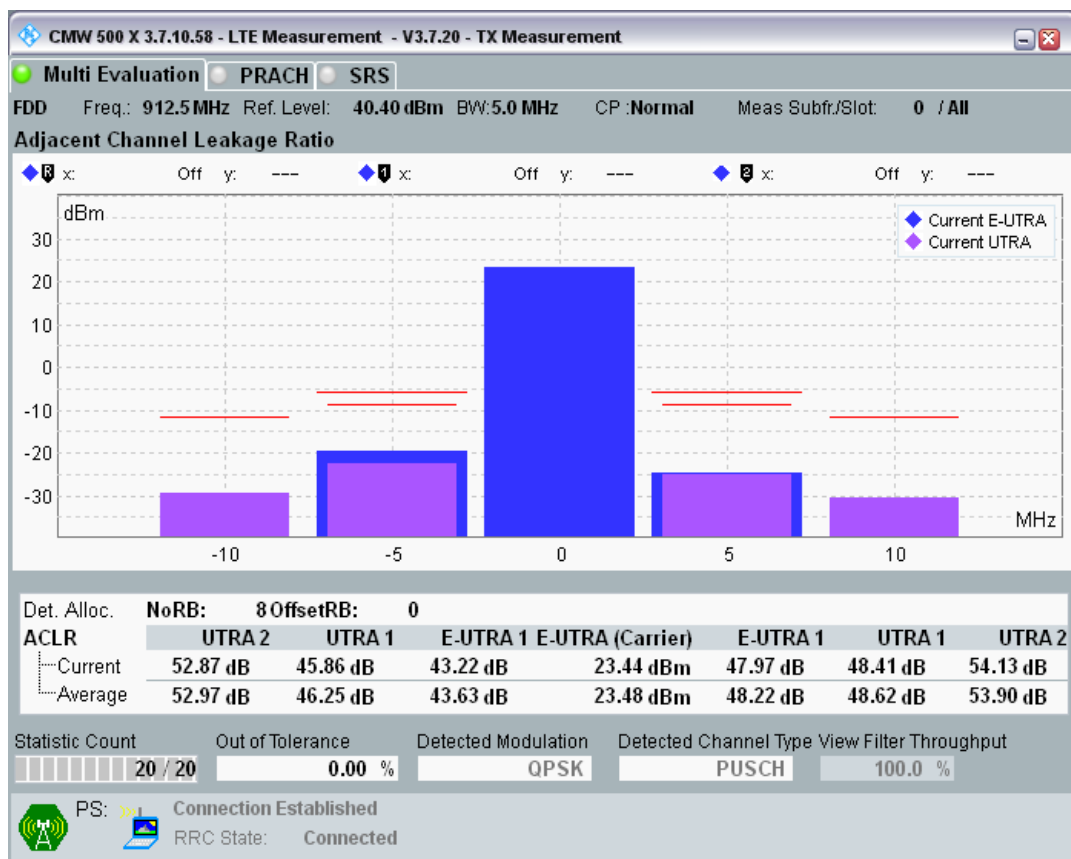
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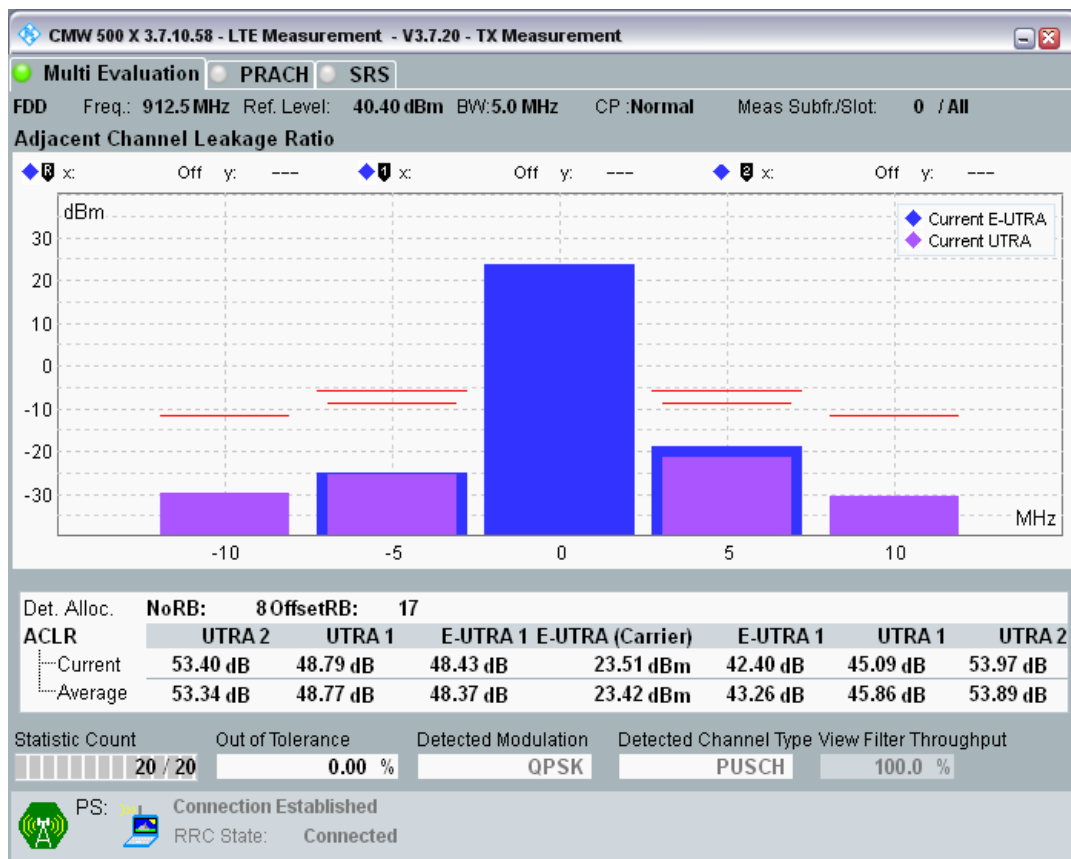
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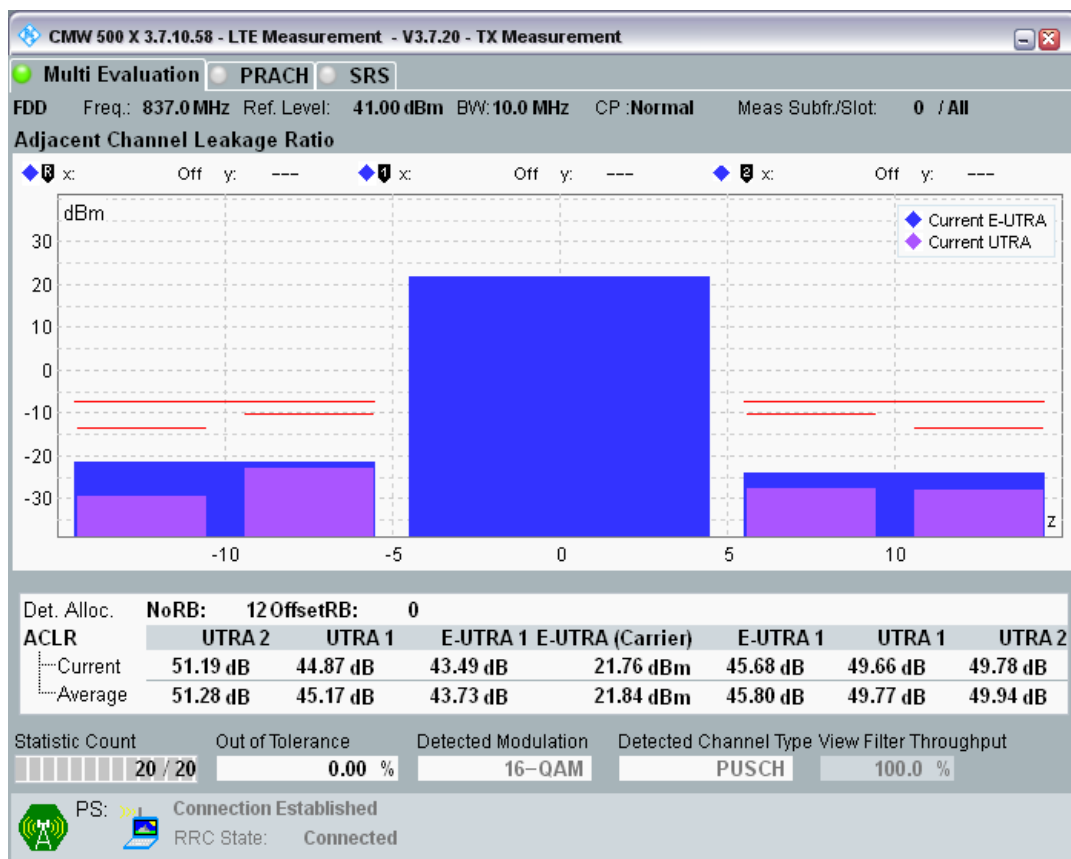
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Band20 QAM16 BW=10MHz Channel=24200 RB Size=12 Position=#0.png



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



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



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



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



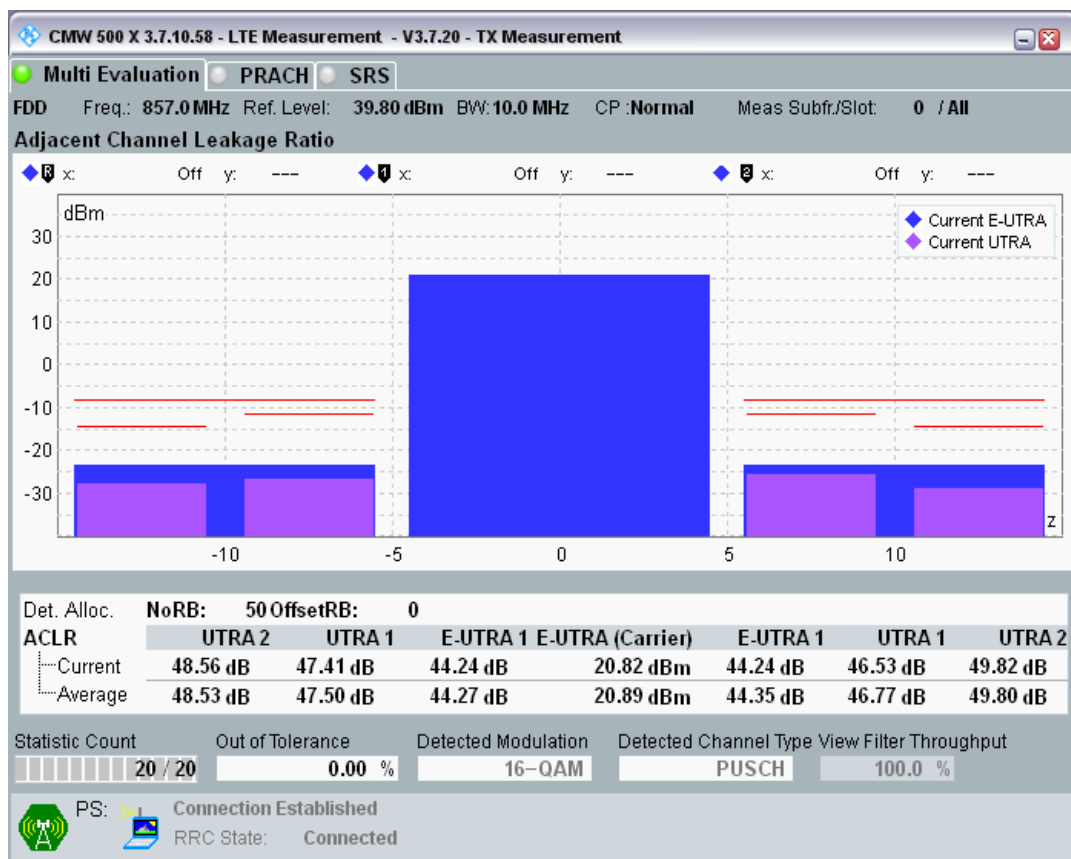
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Band20 QAM16 BW=10MHz Channel=24400 RB Size=50 Position=#0.png



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



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



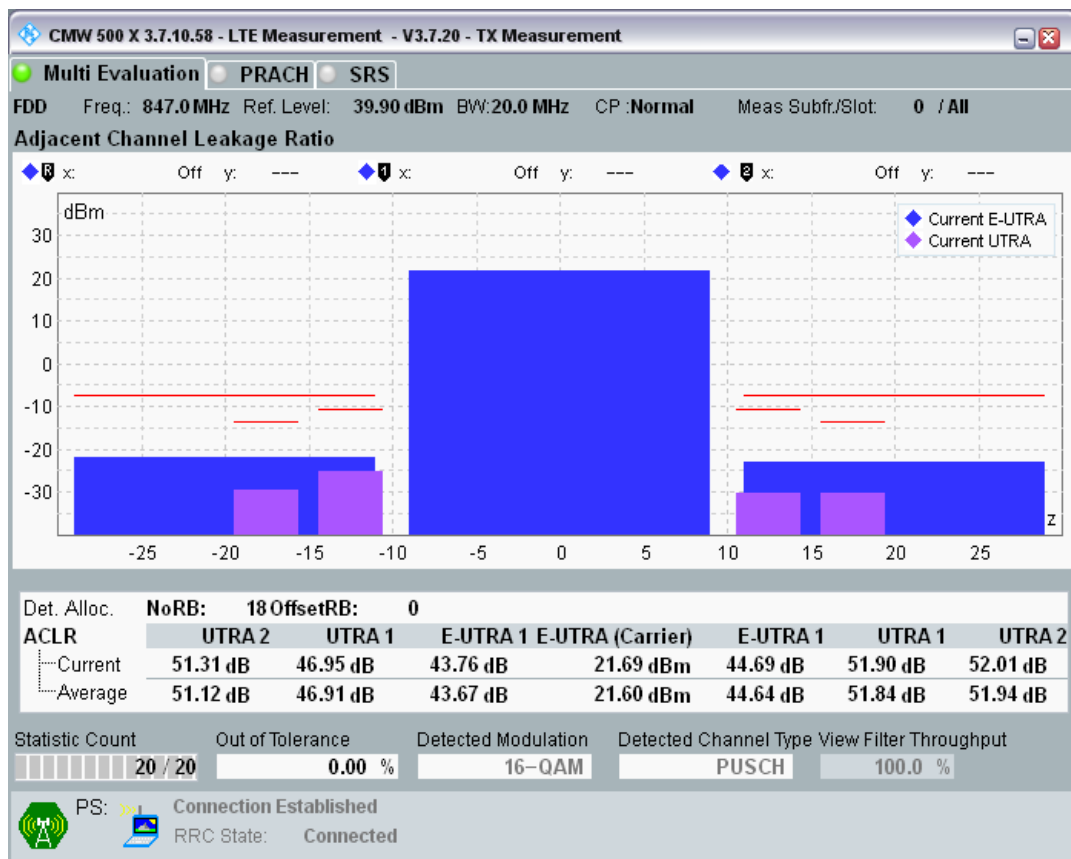
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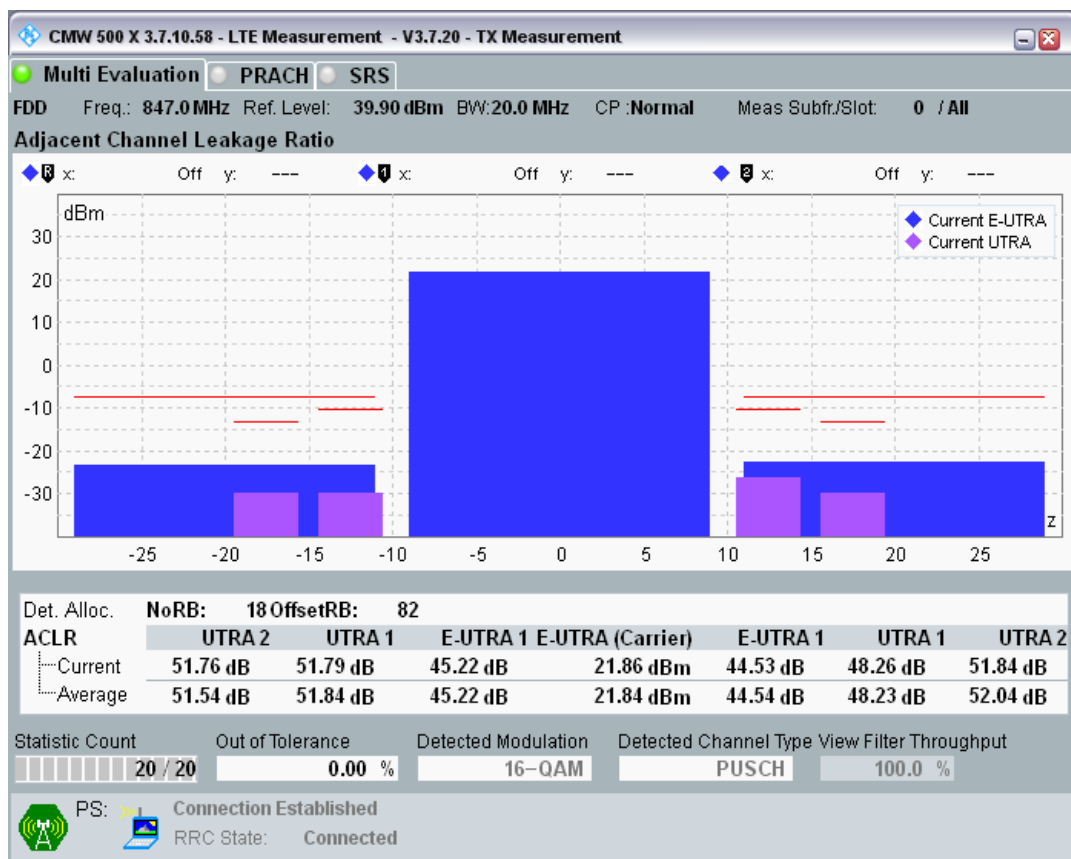
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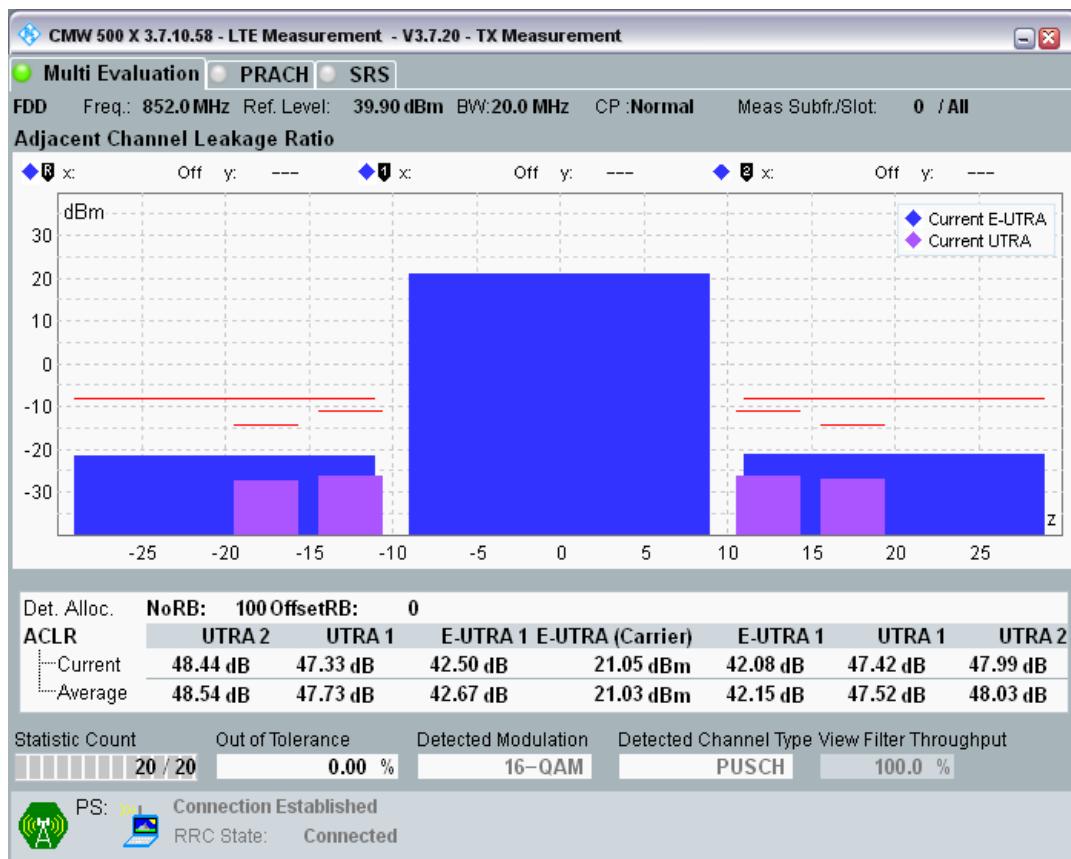
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Band20 QAM16 BW=20MHz Channel=24350 RB Size=100 Position=#0.png



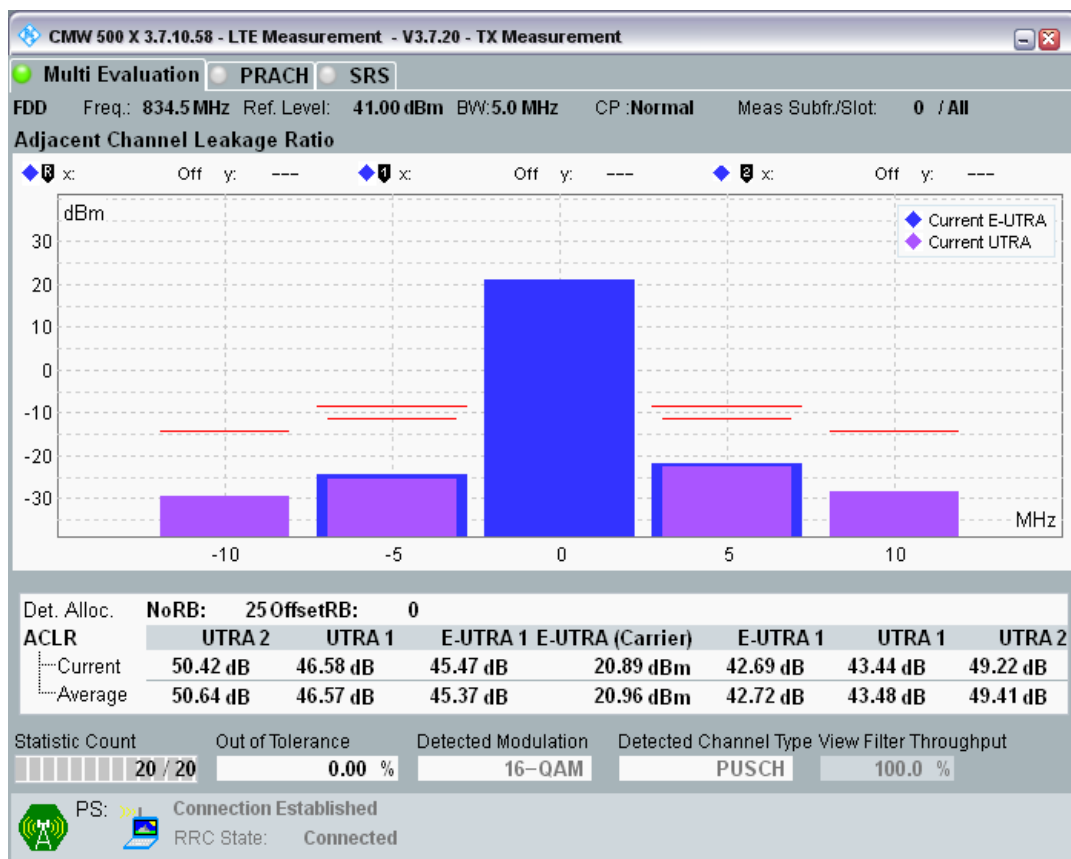
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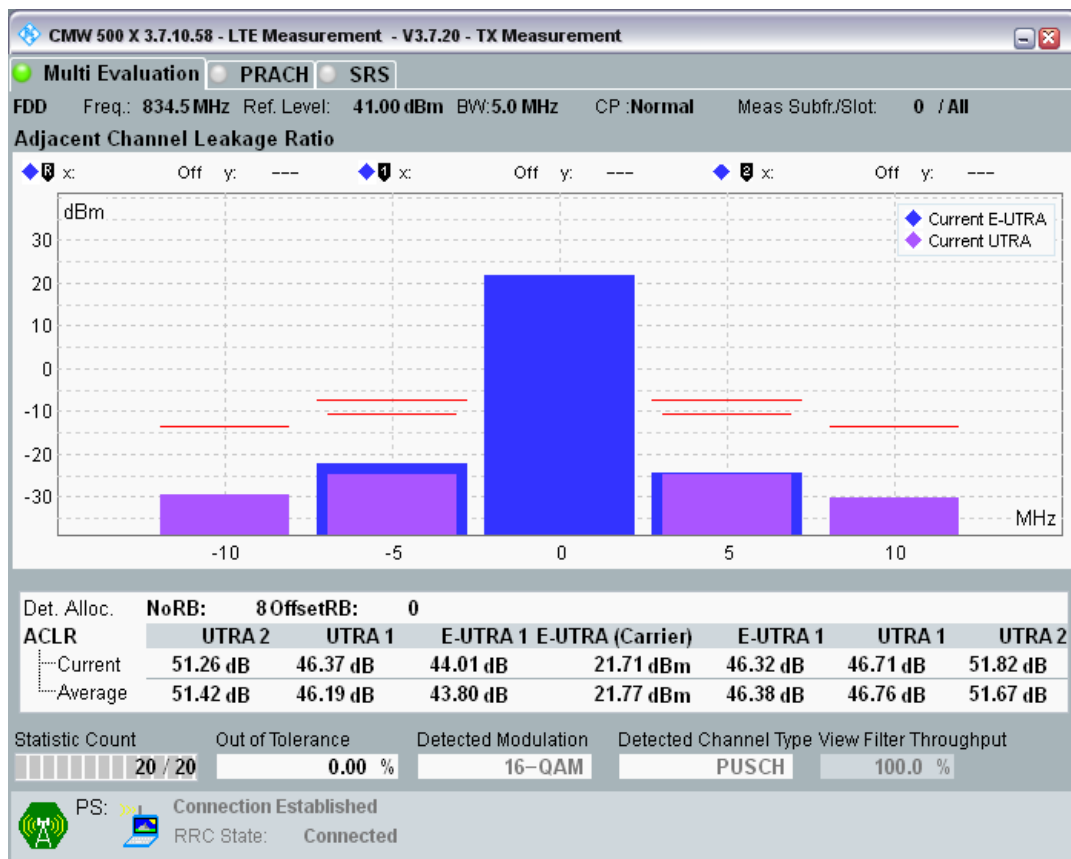
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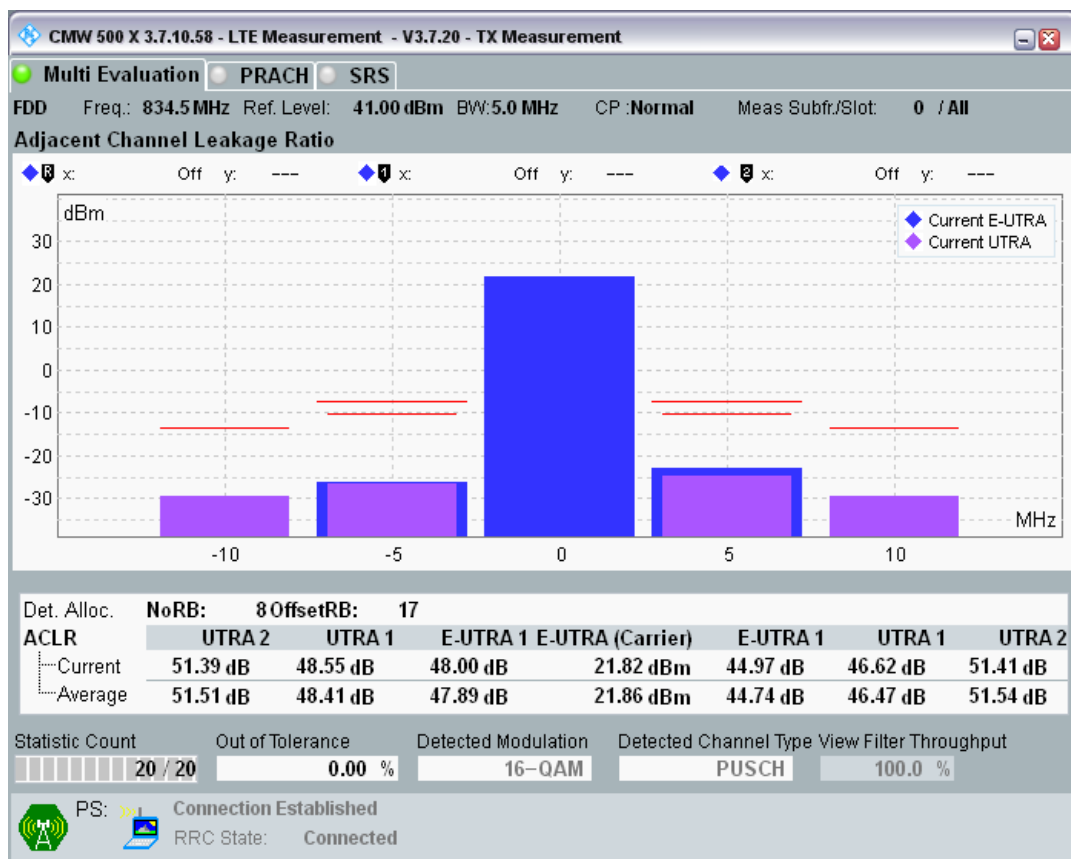
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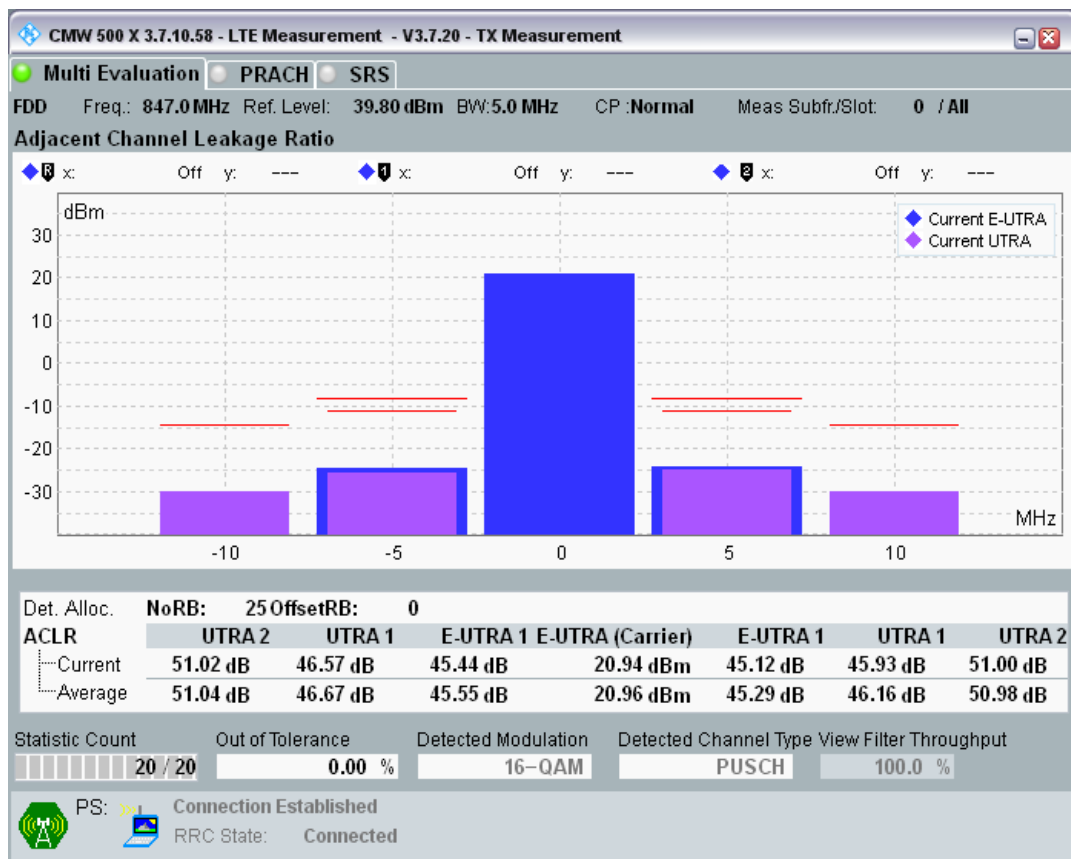
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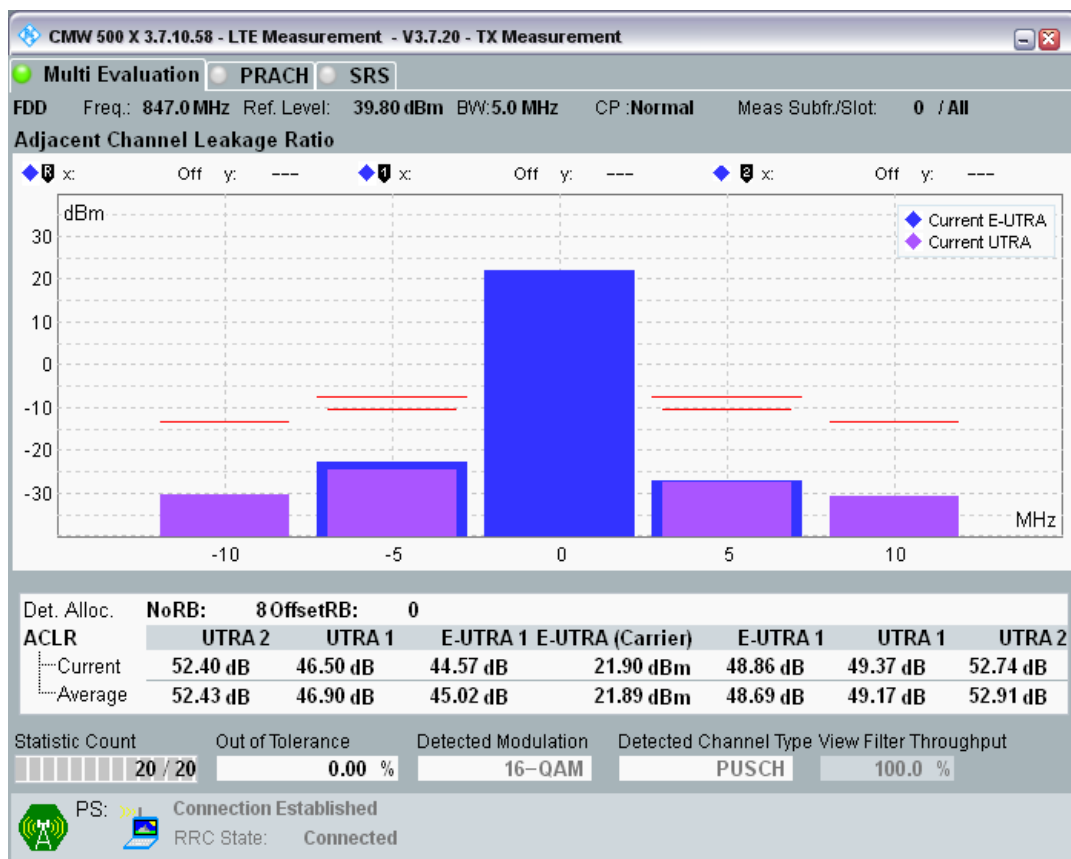
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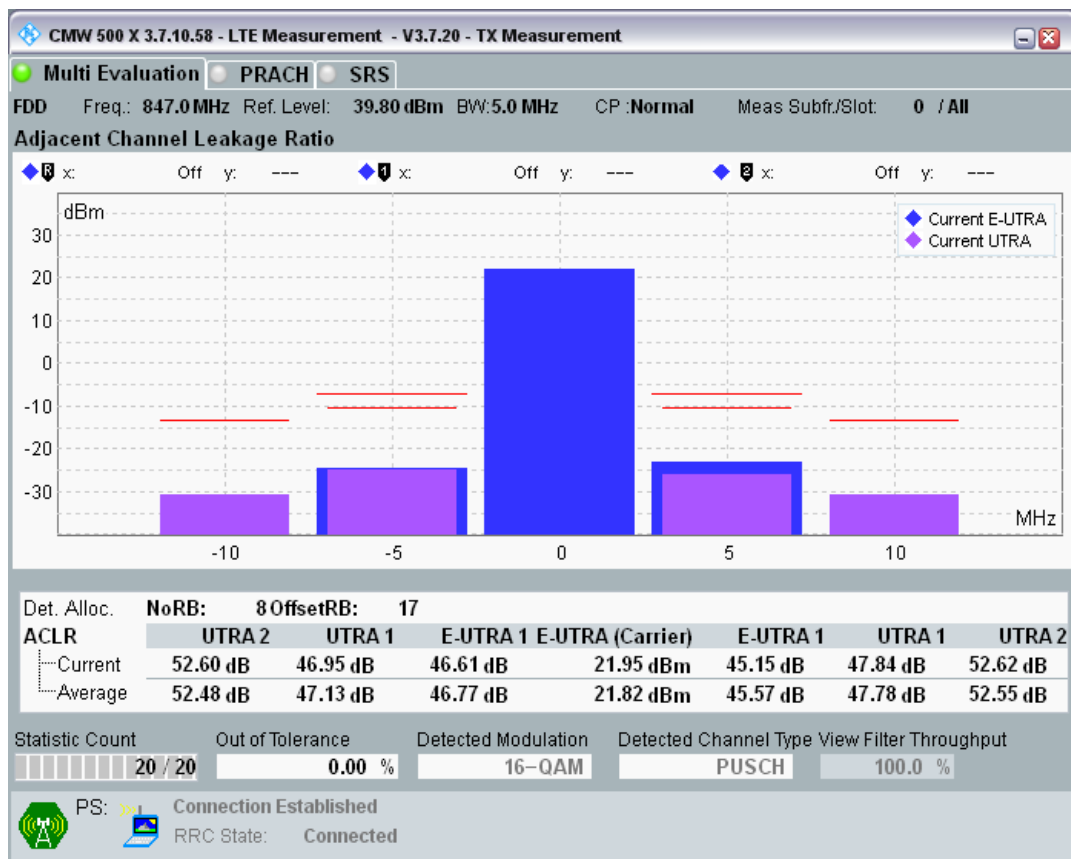
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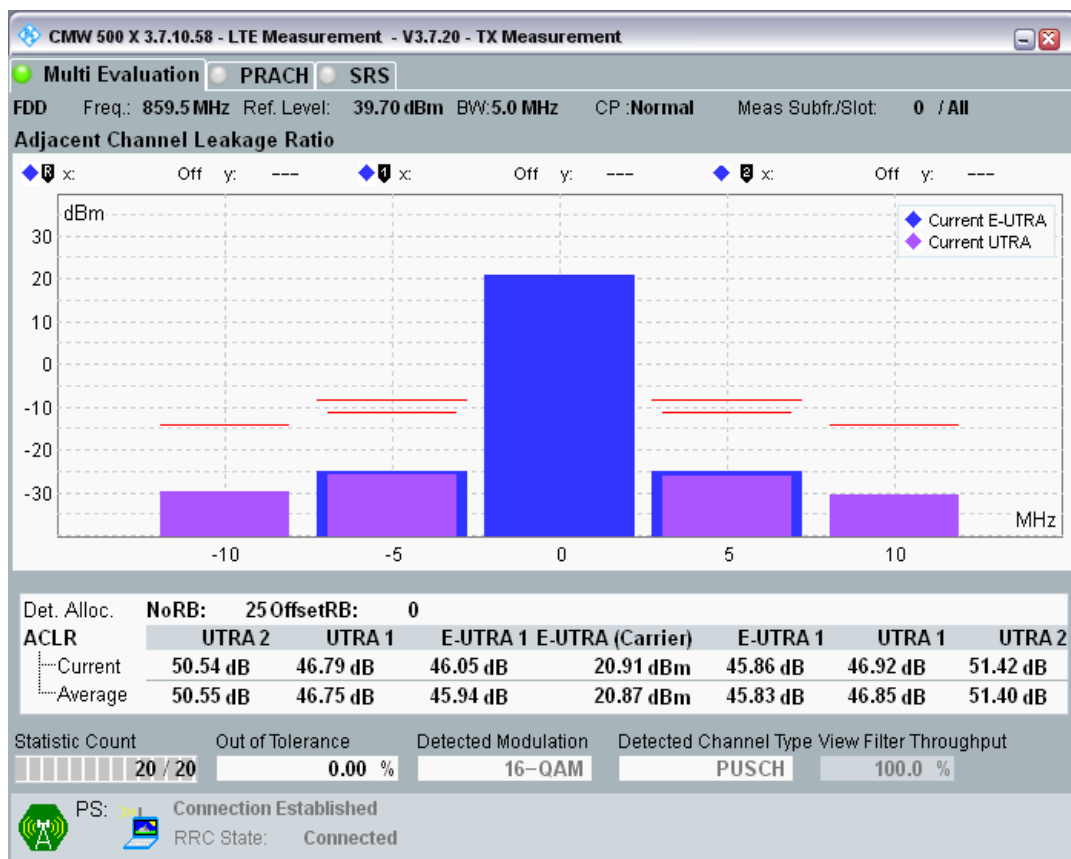
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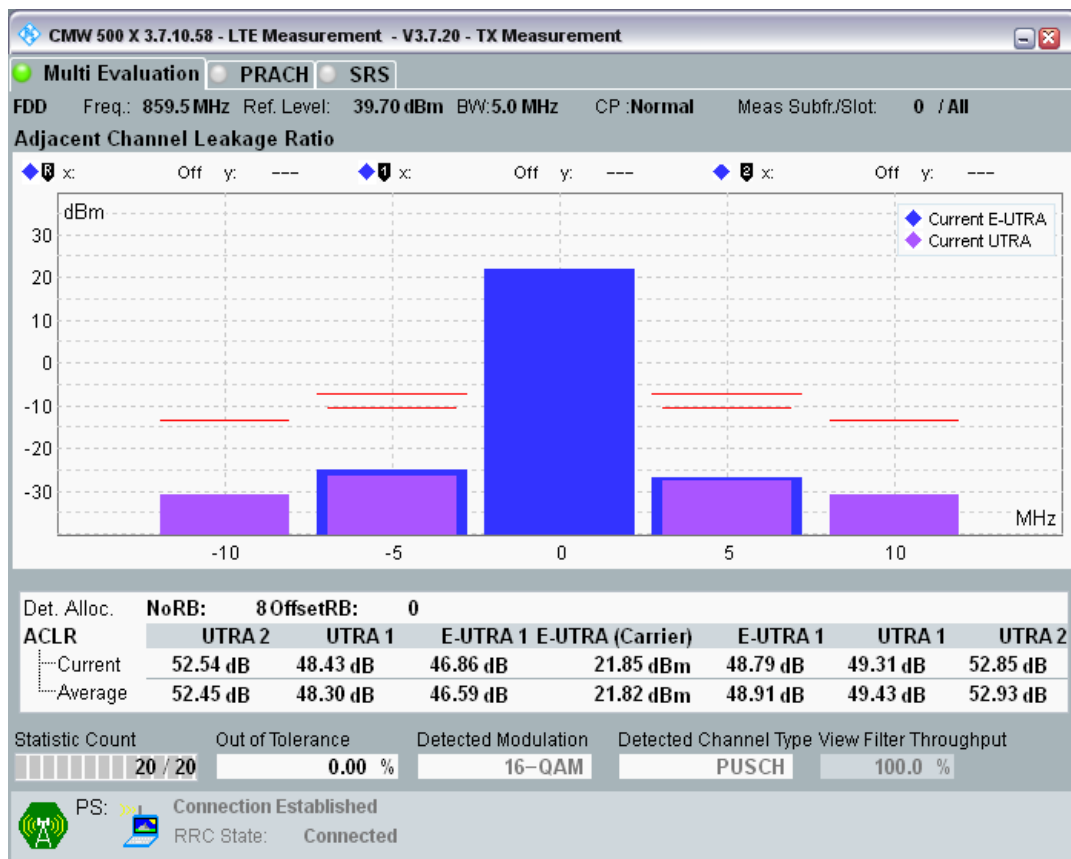
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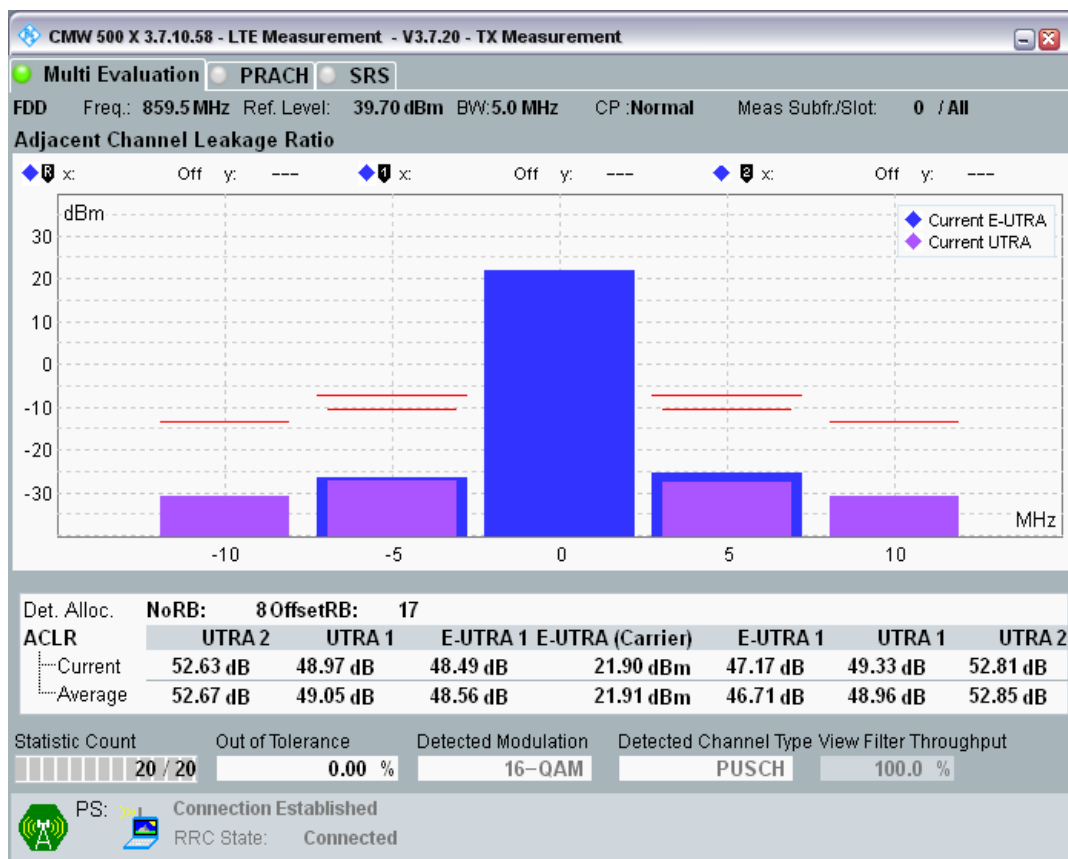
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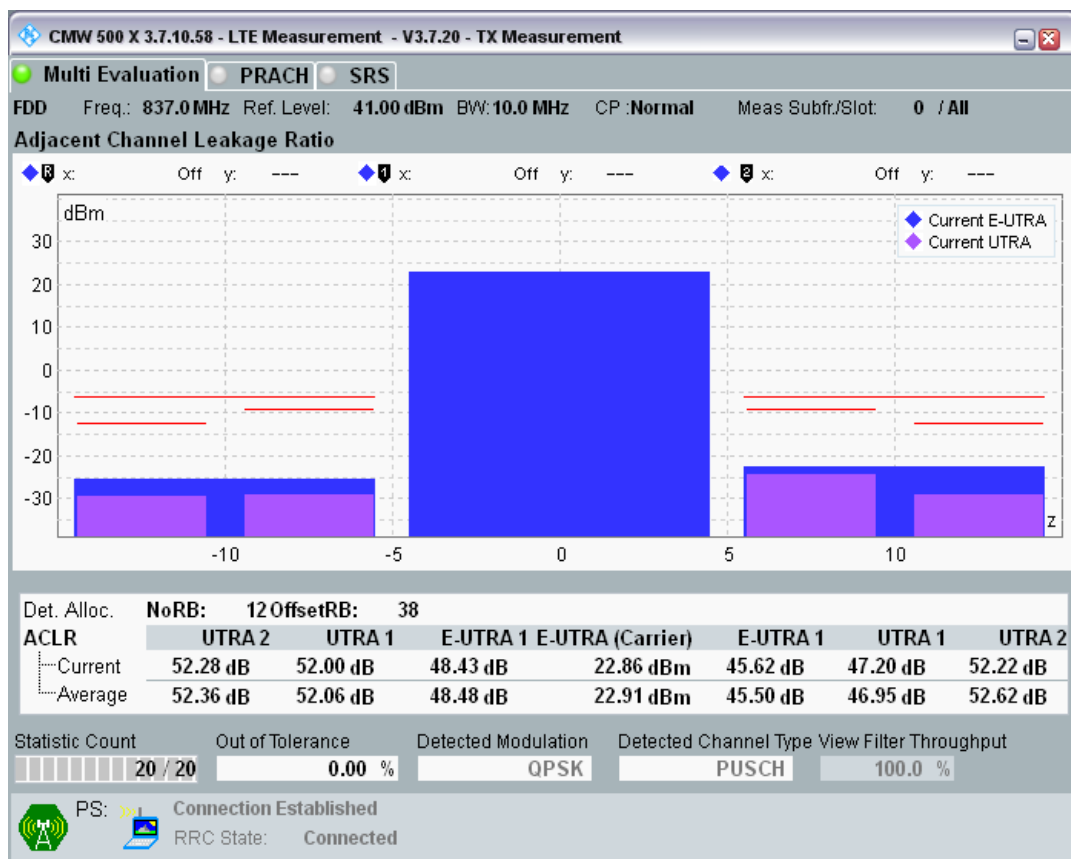
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Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0.png



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



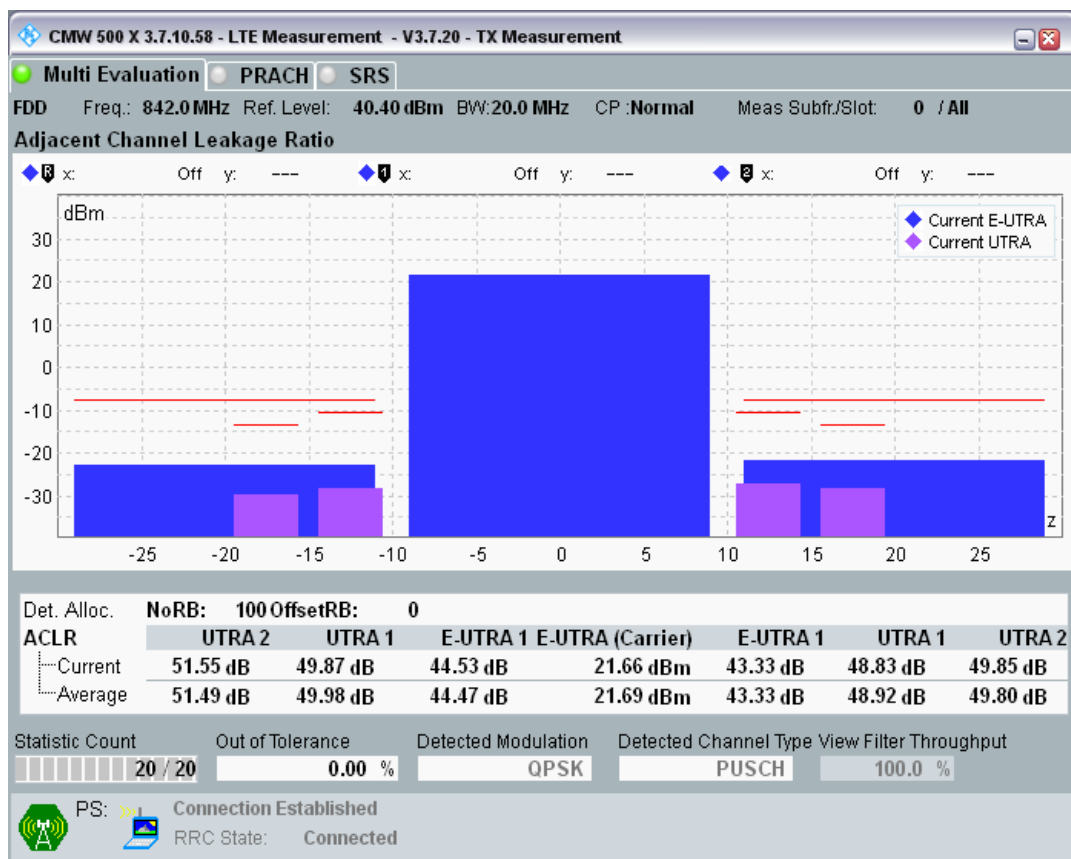
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Band20 QPSK BW=10MHz Channel=24400 RB Size=50 Position=#0.png



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



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



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



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



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



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



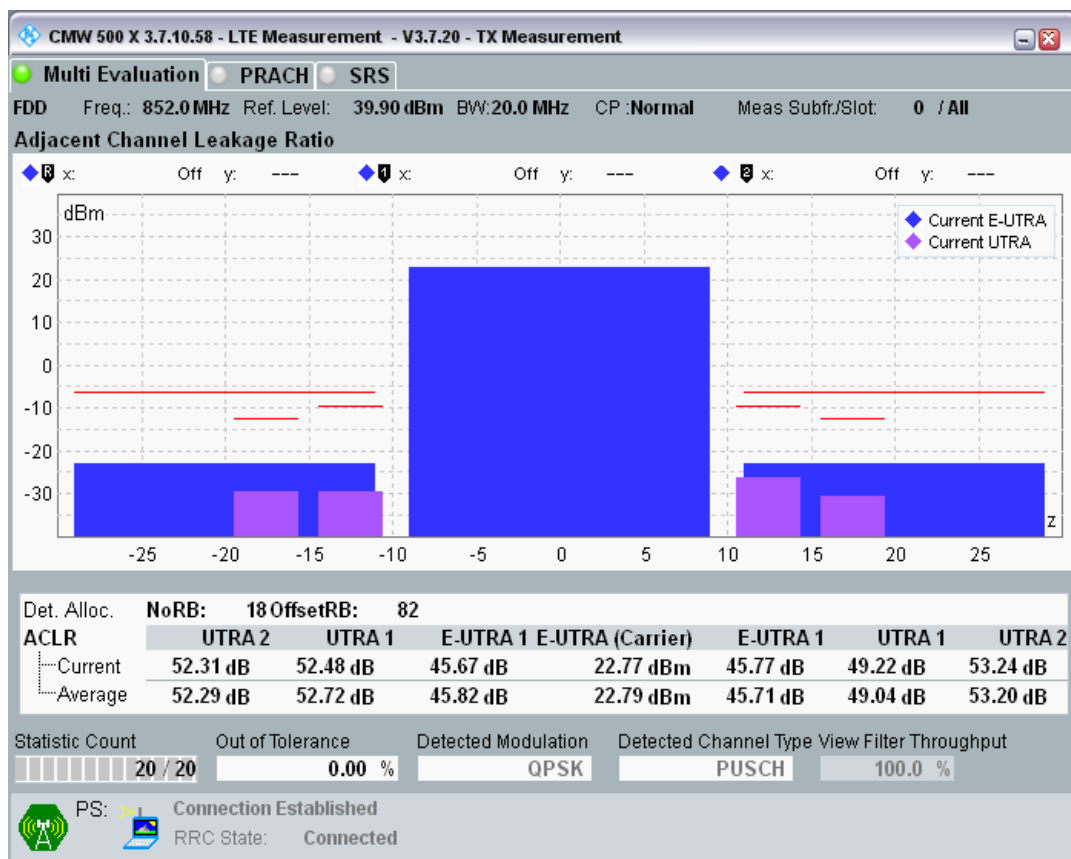
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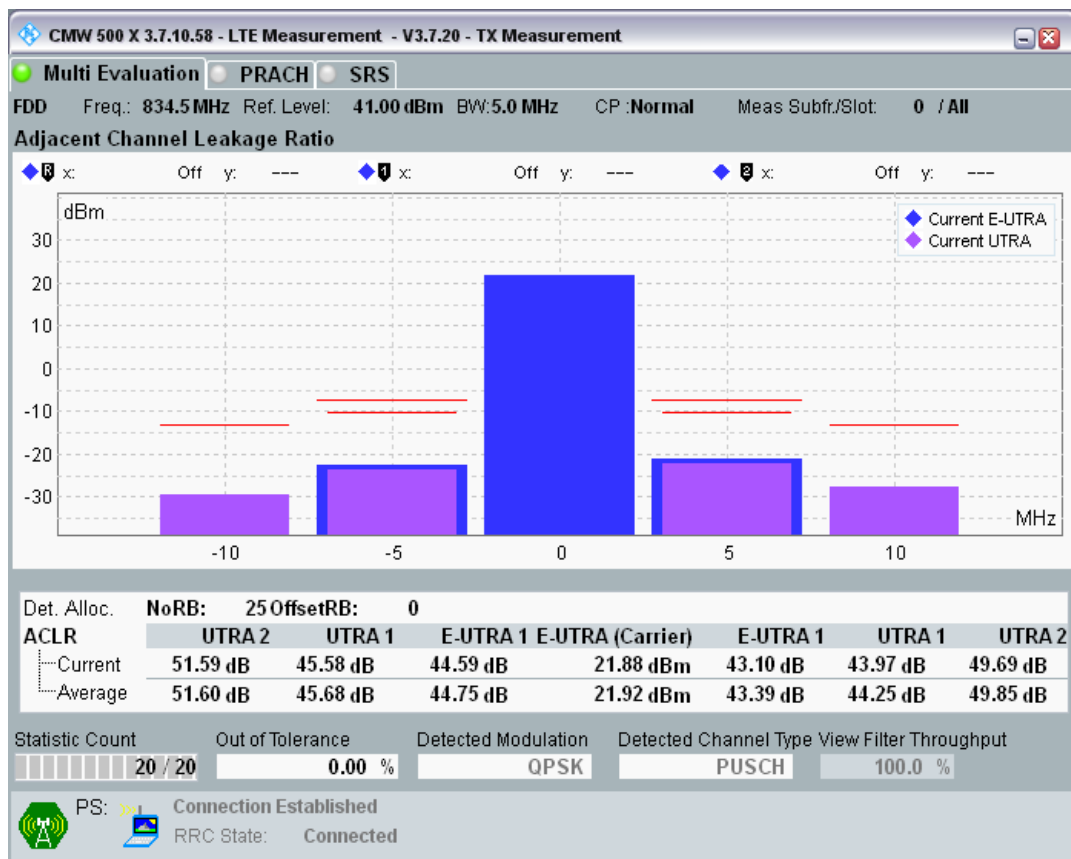
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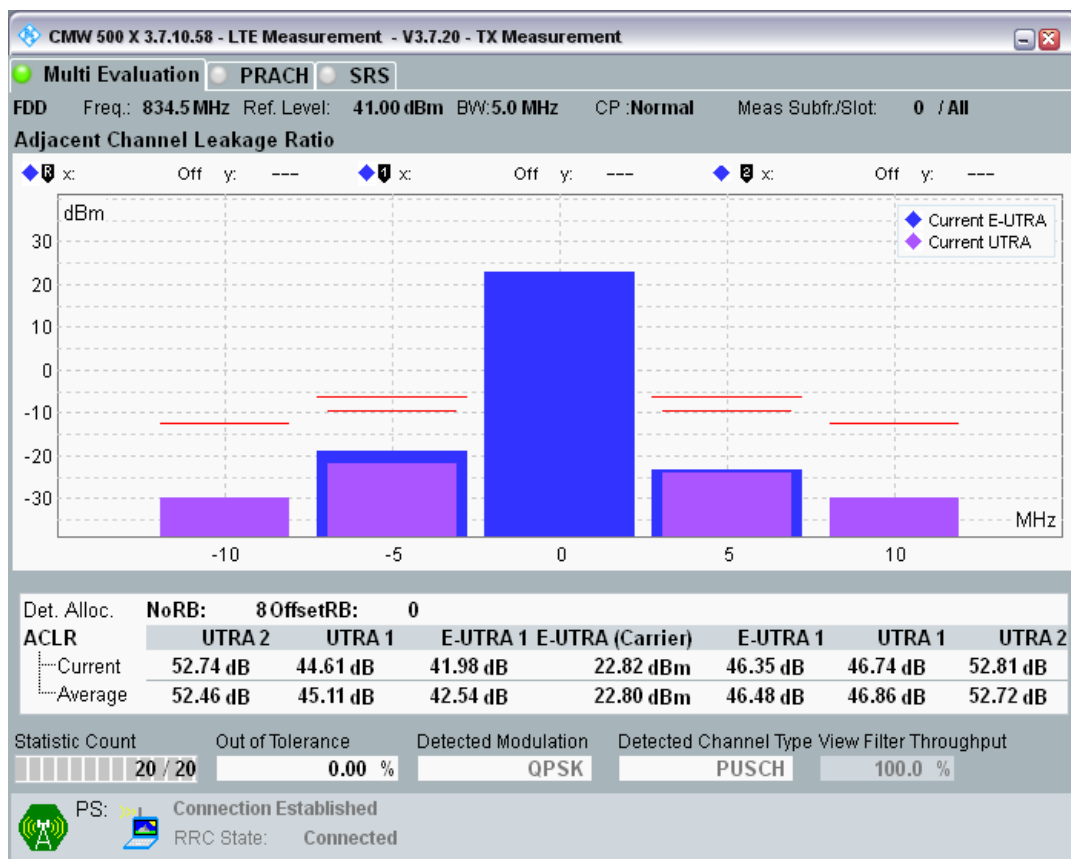
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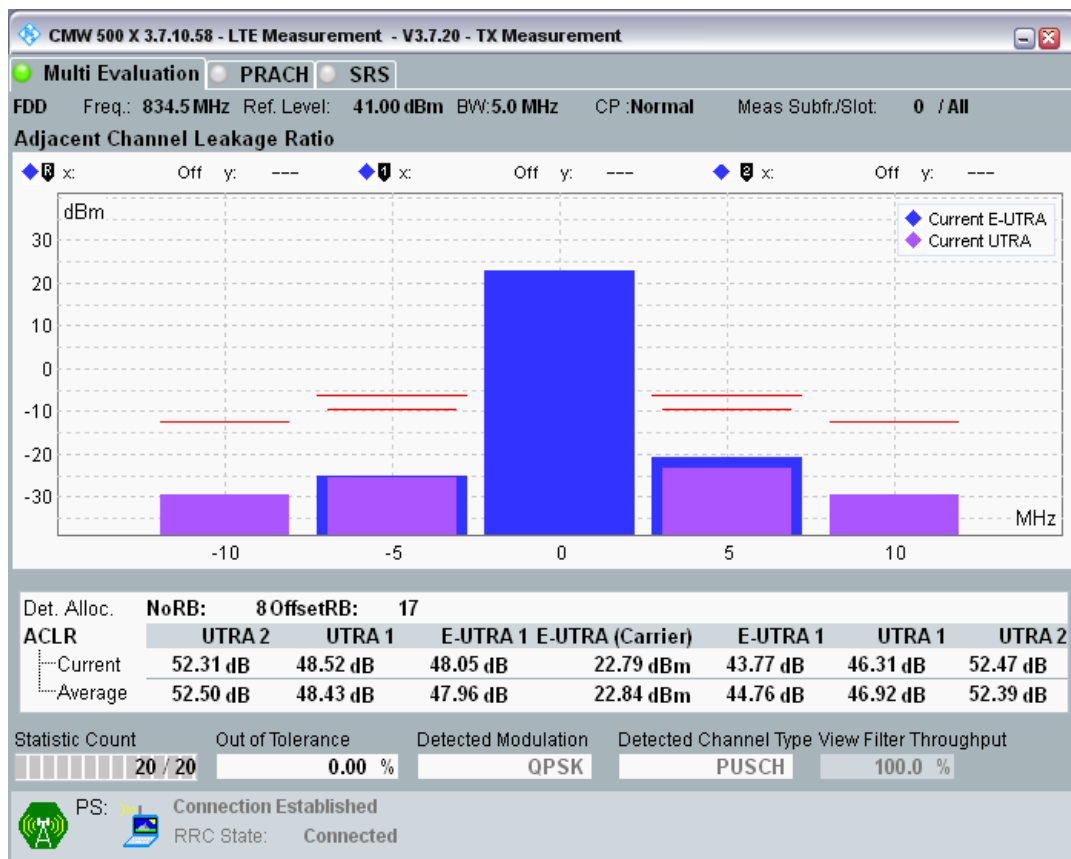
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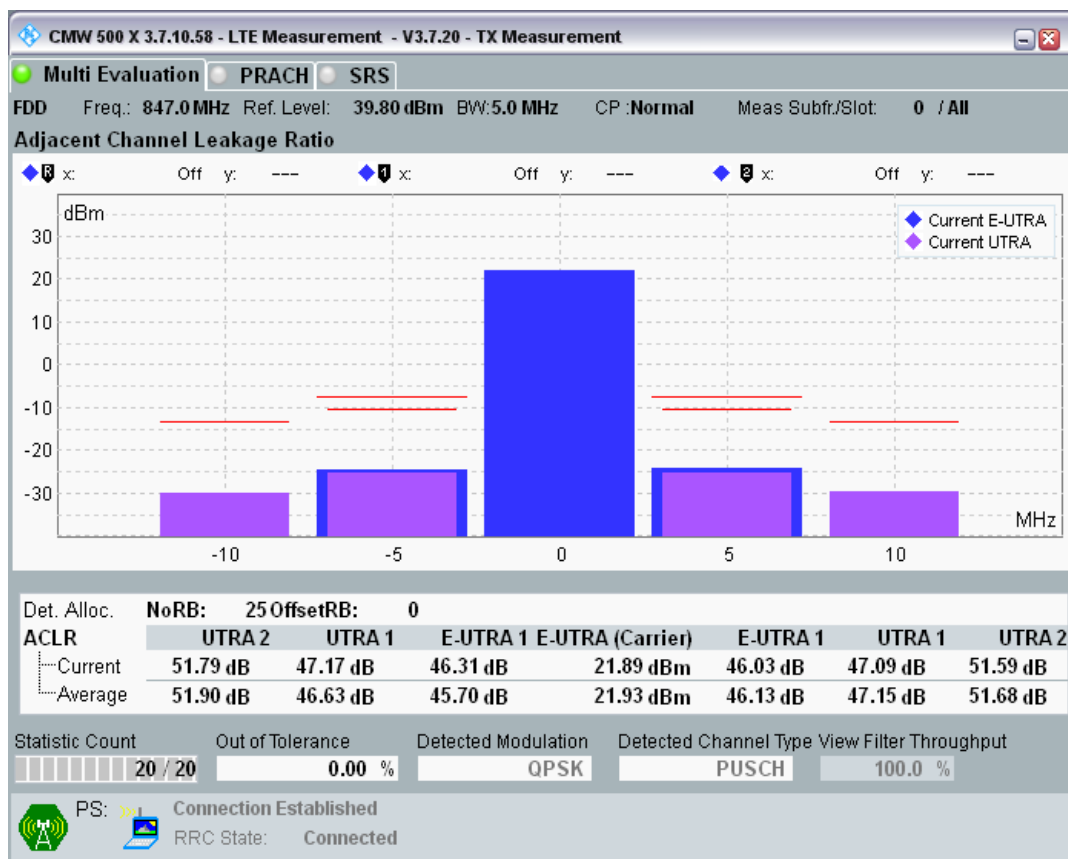
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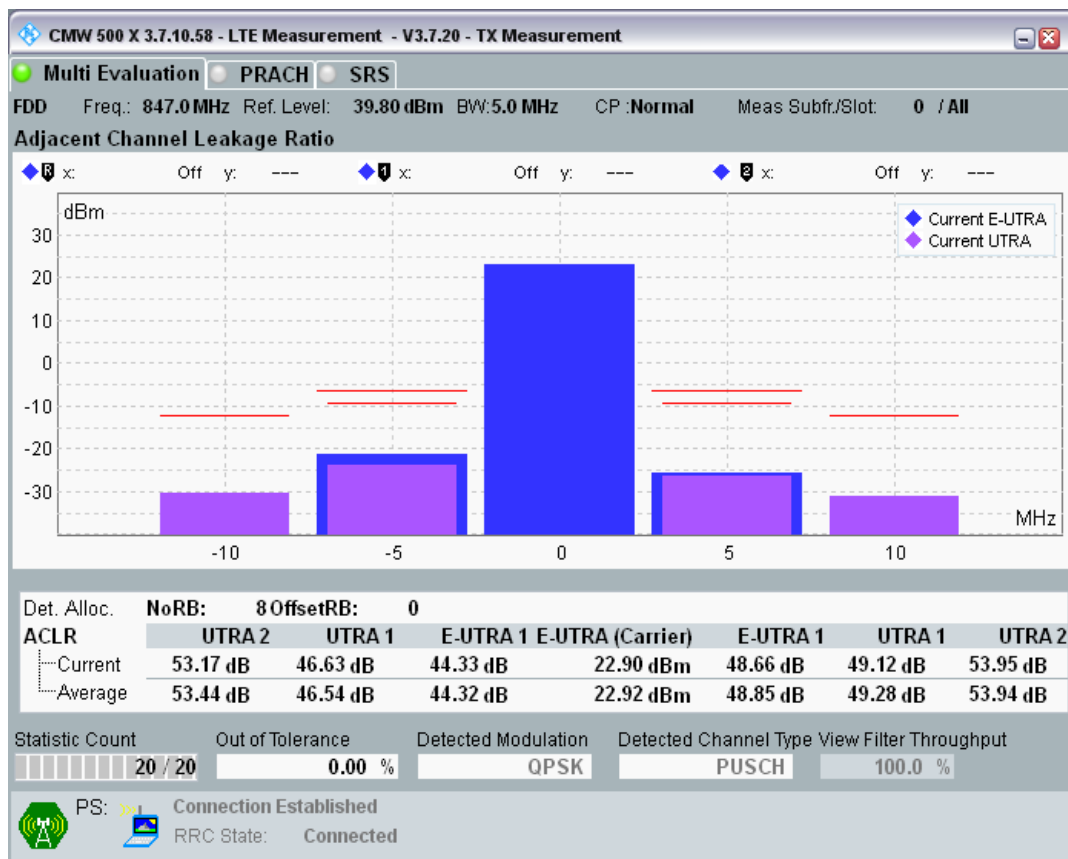
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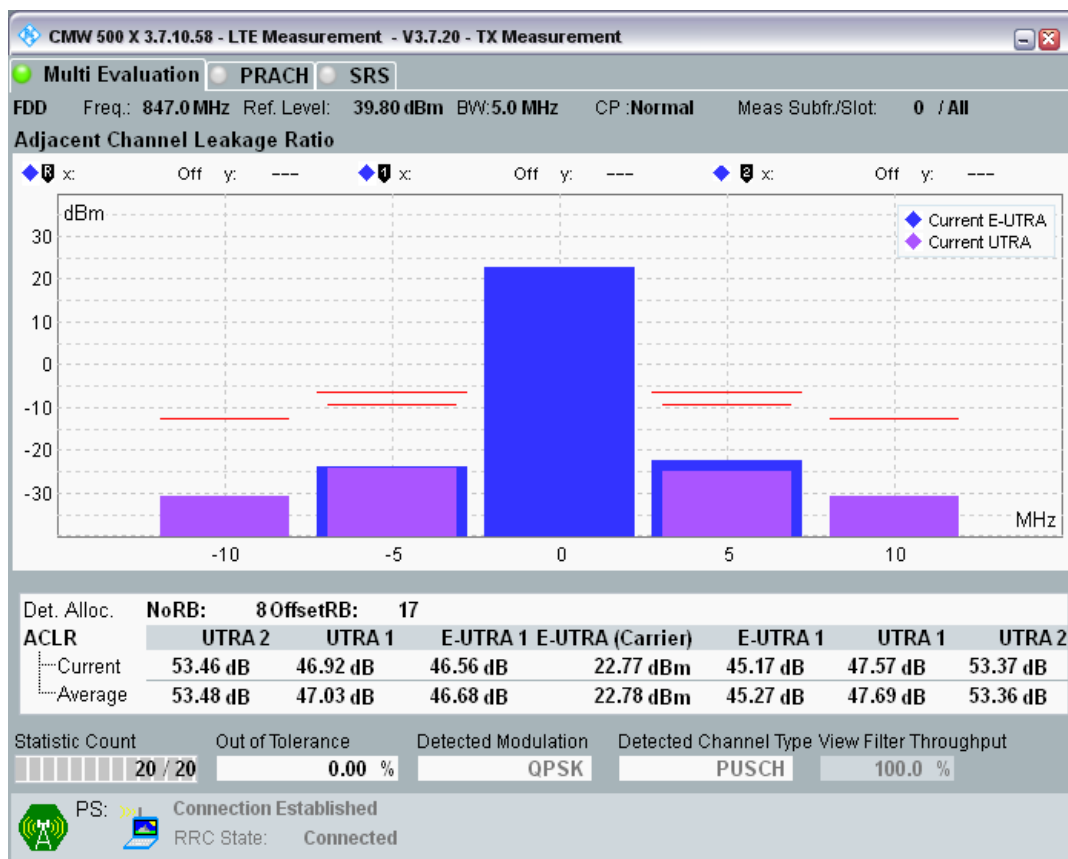
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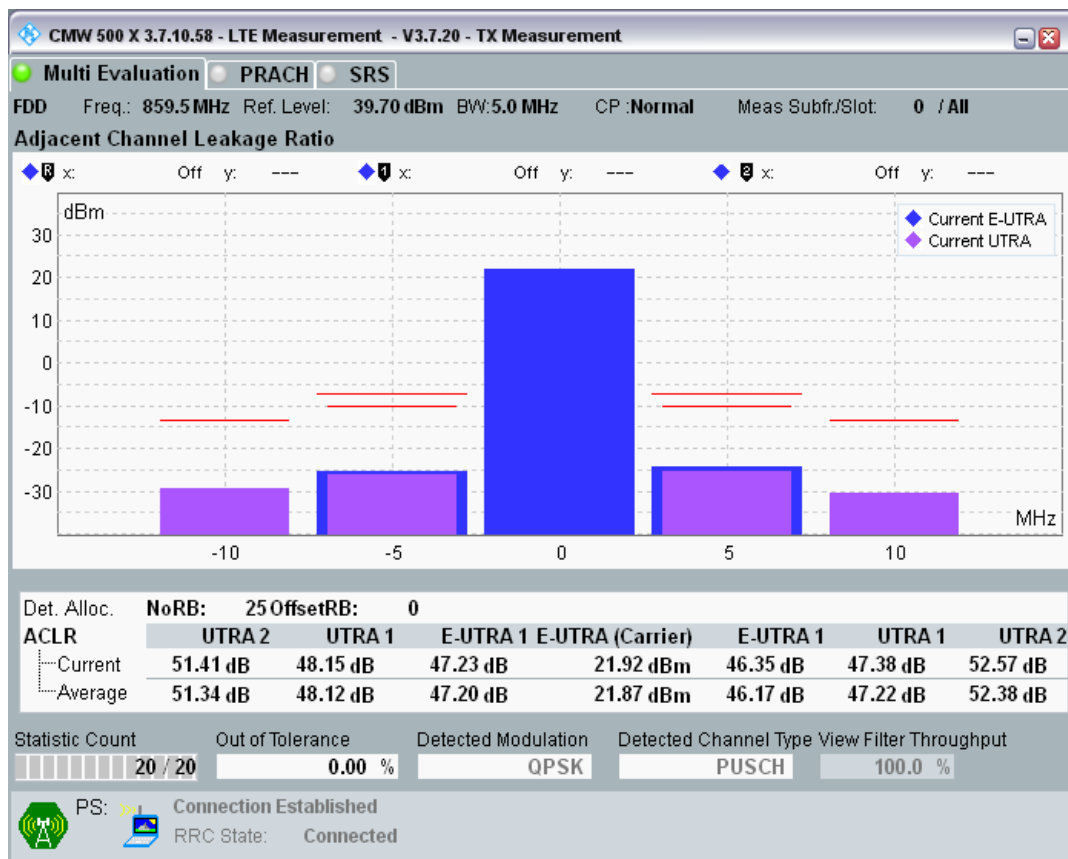
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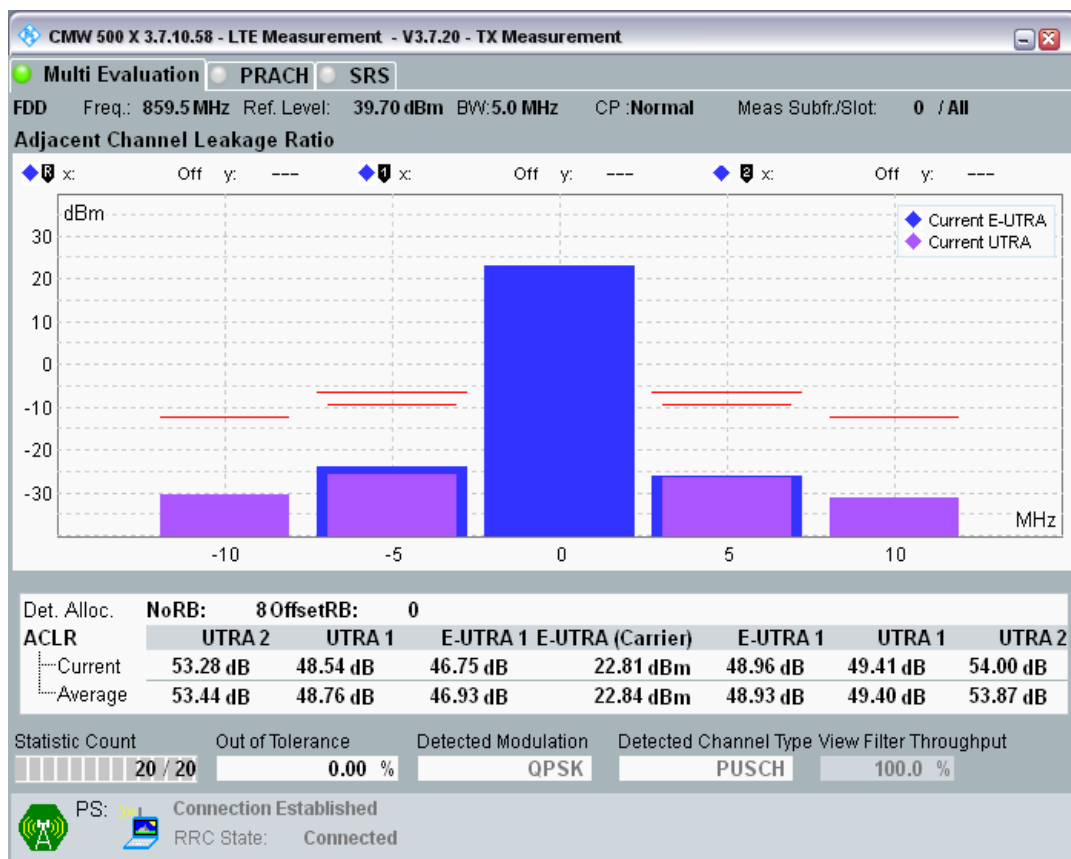
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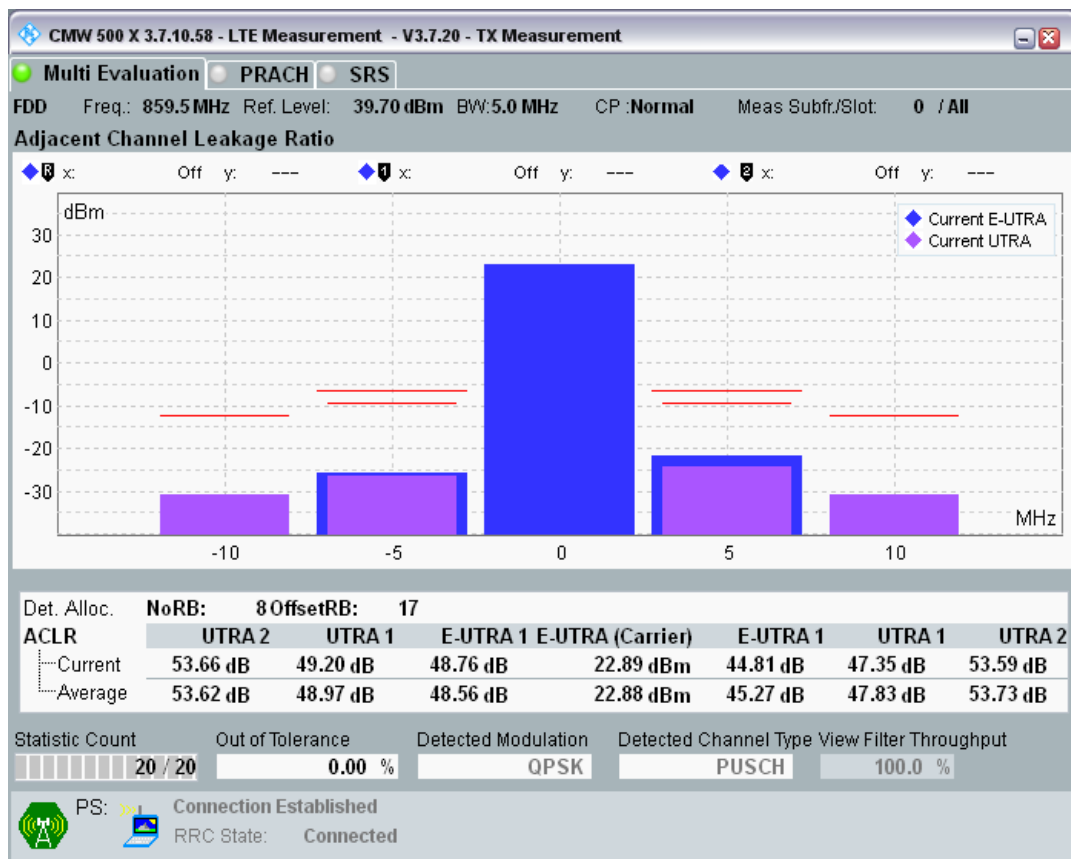
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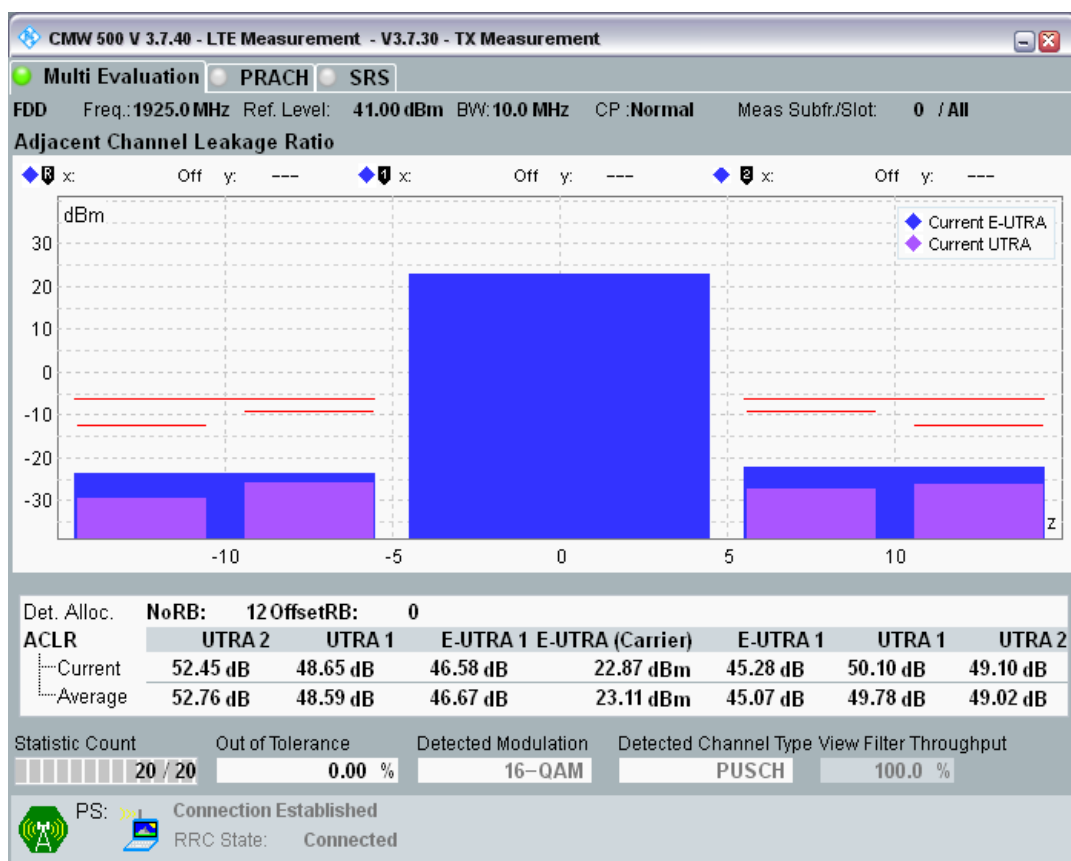
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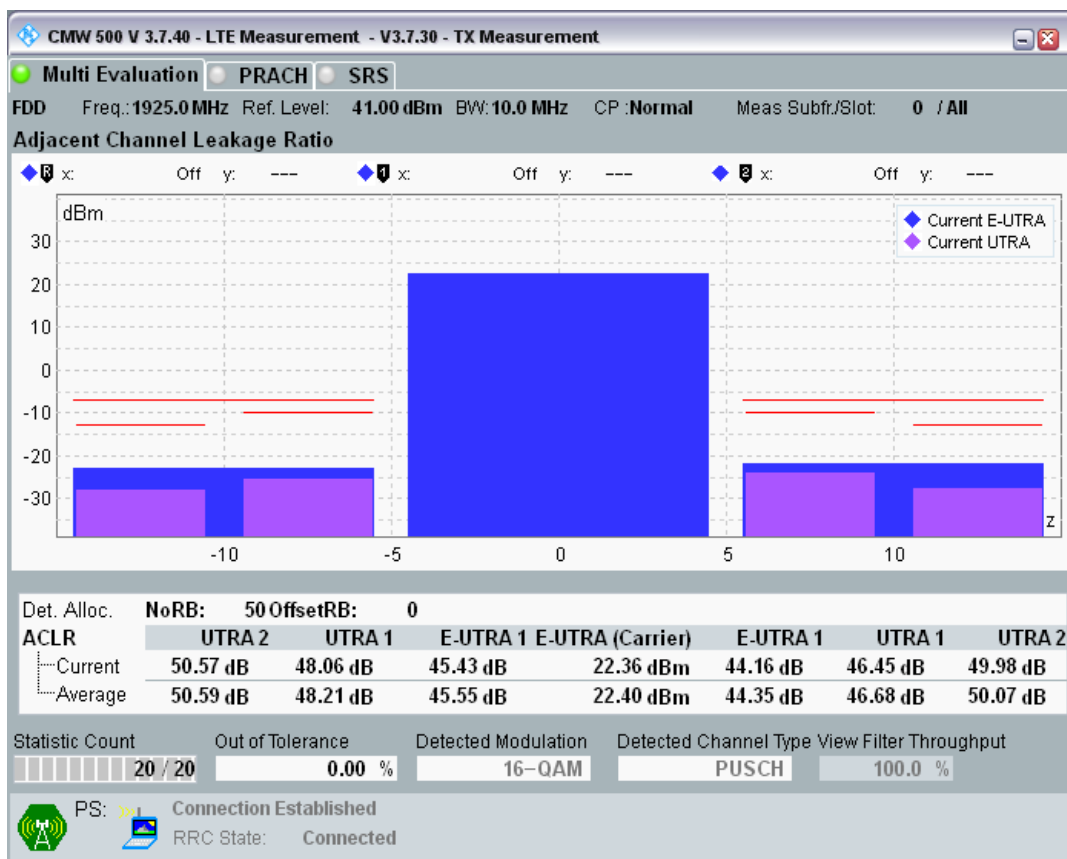
Band1 QAM16 BW=10MHz Channel=18050 RB Size=12 Position=#0.png



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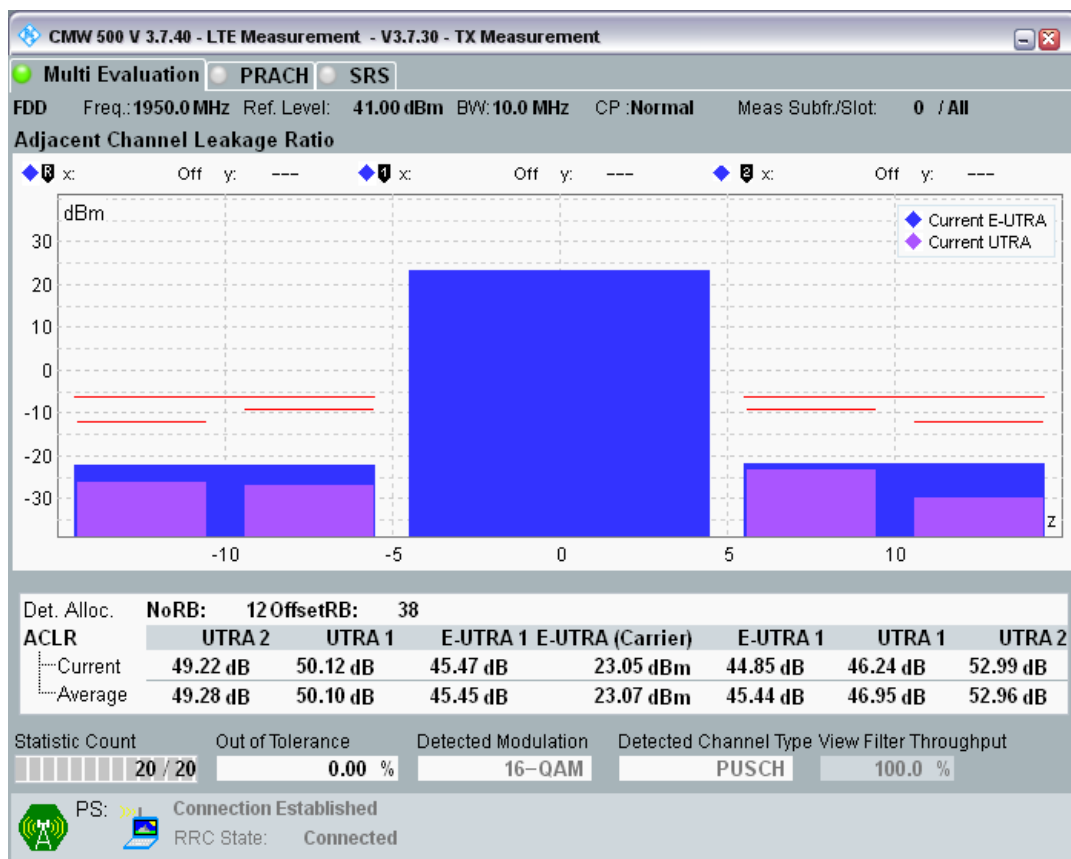
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Band1 QAM16 BW=10MHz Channel=18300 RB Size=12 Position=#0.png



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



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



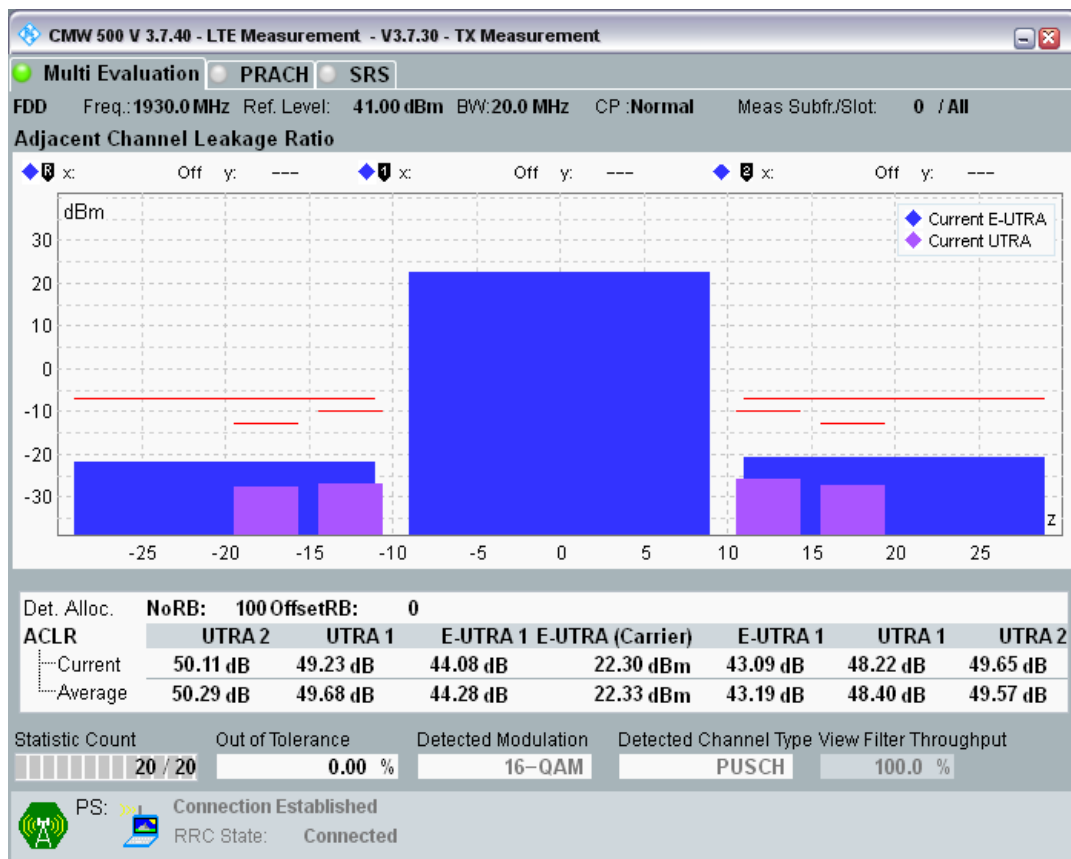
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Band1 QAM16 BW=10MHz Channel=18550 RB Size=50 Position=#0.png



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



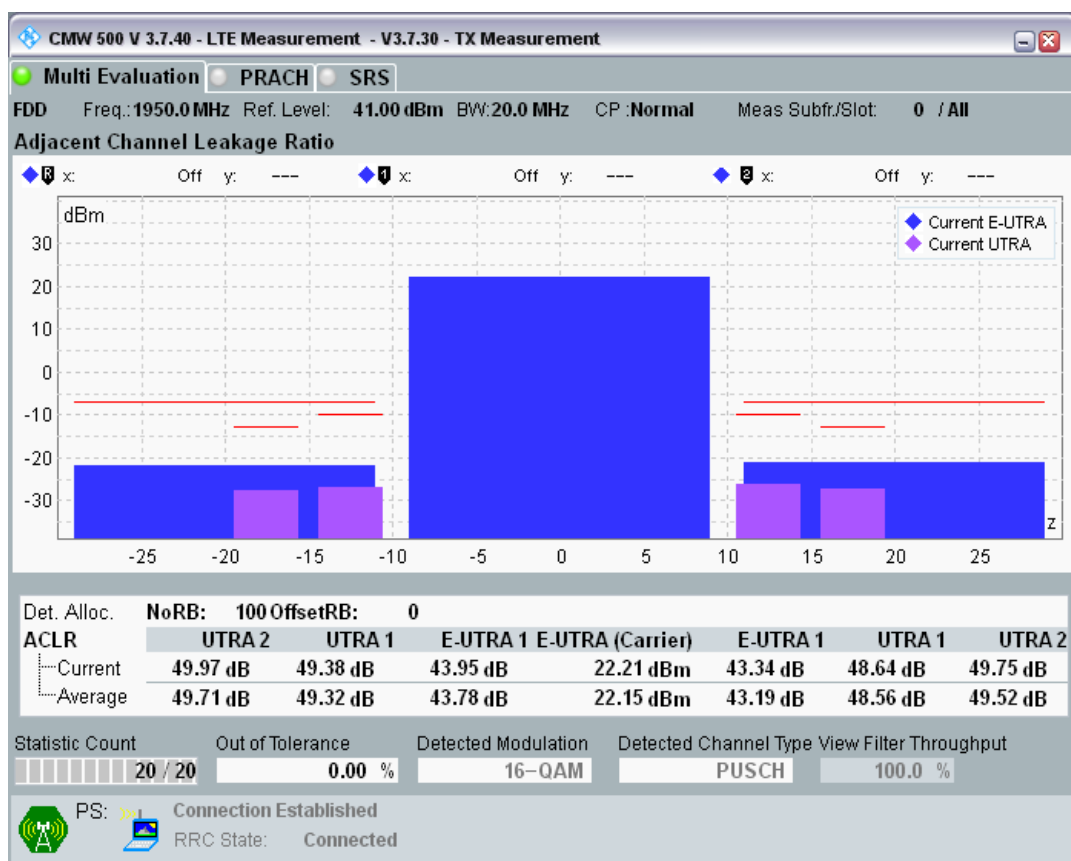
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Band1 QAM16 BW=20MHz Channel=18100 RB Size=18 Position=#Max.png



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



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



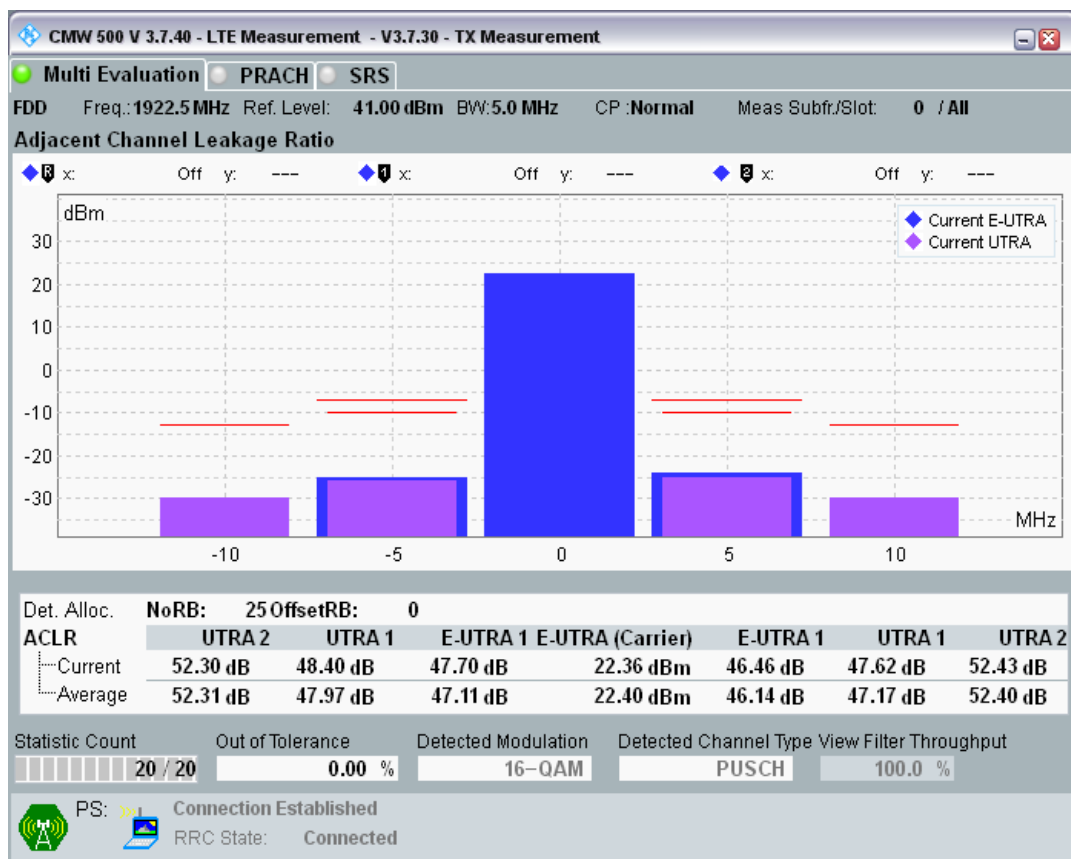
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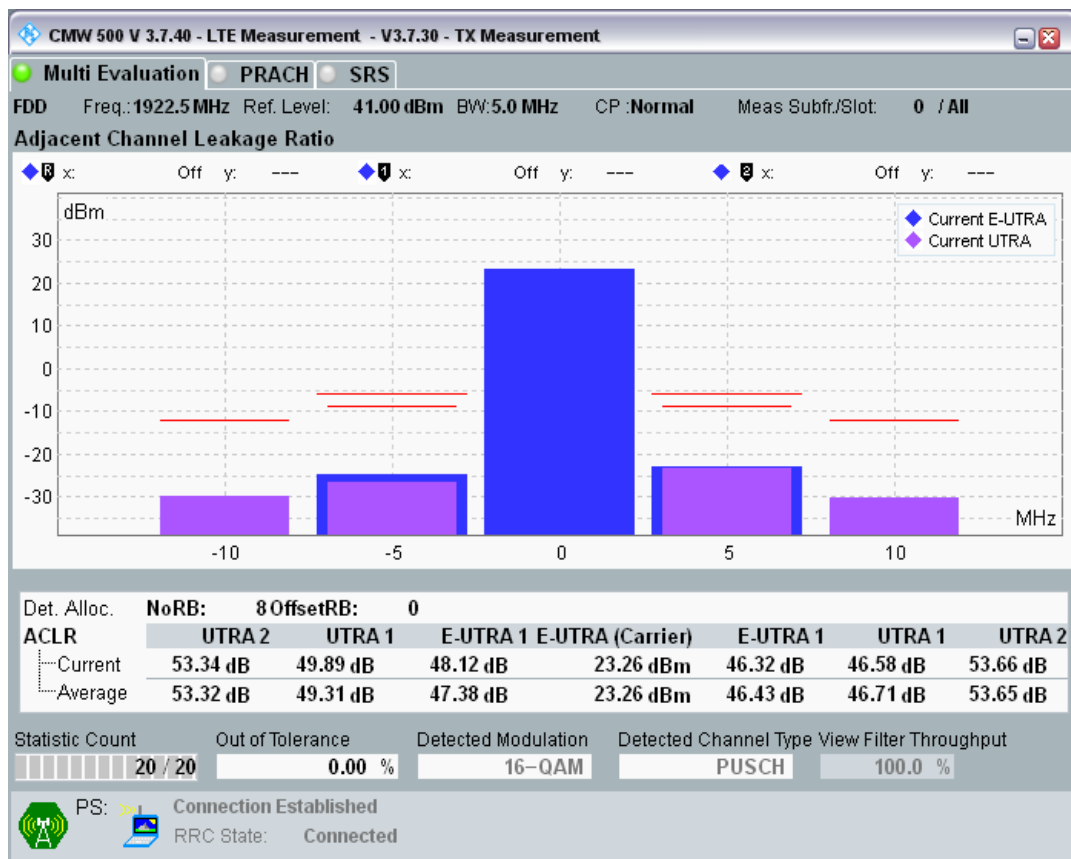
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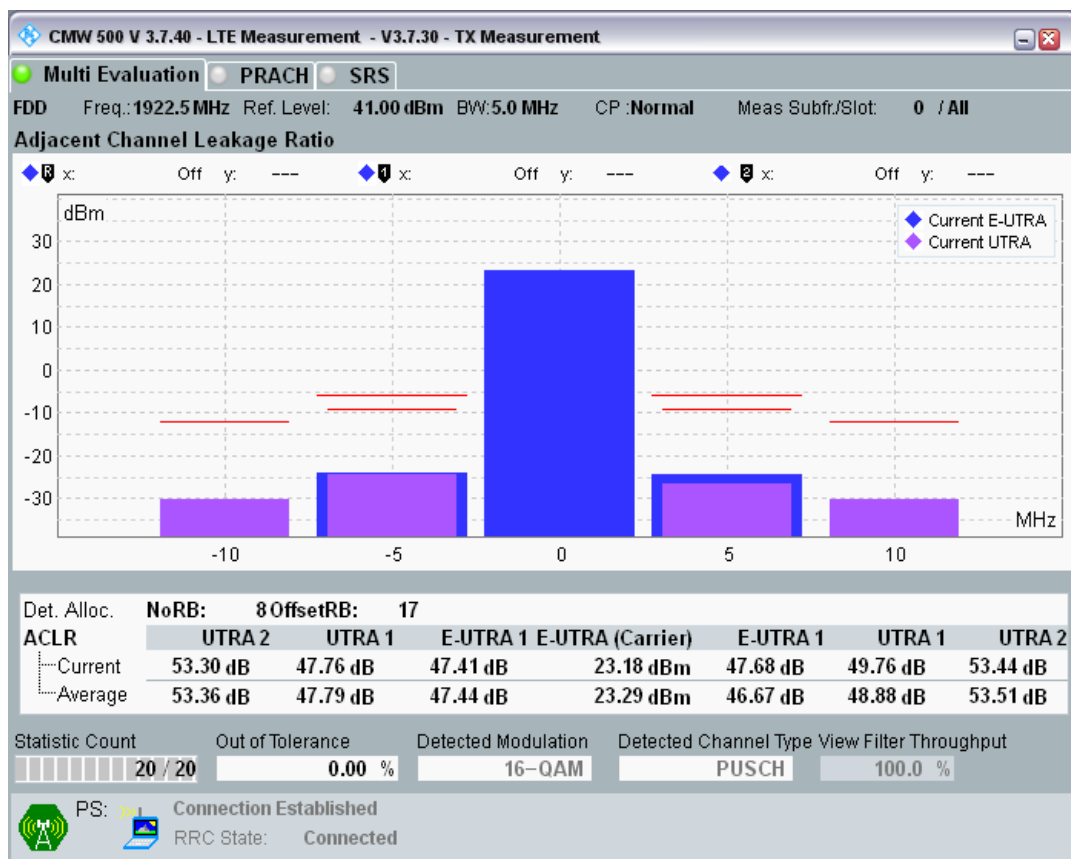
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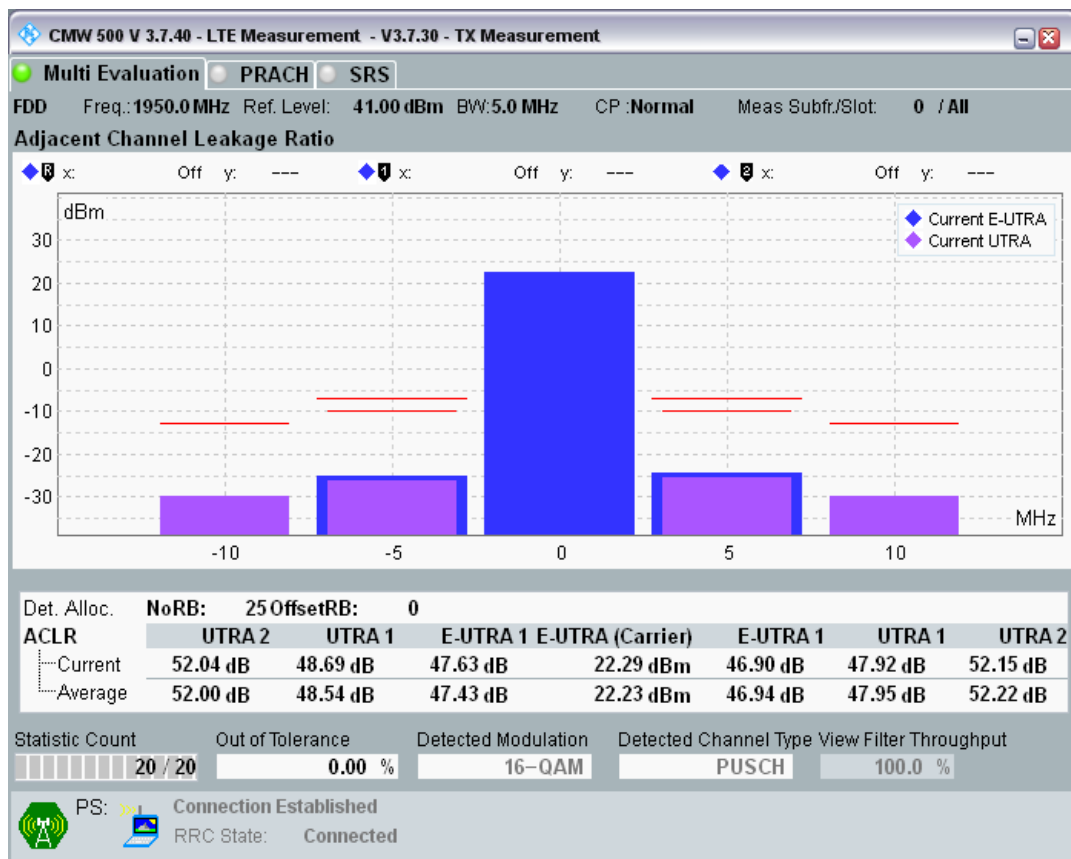
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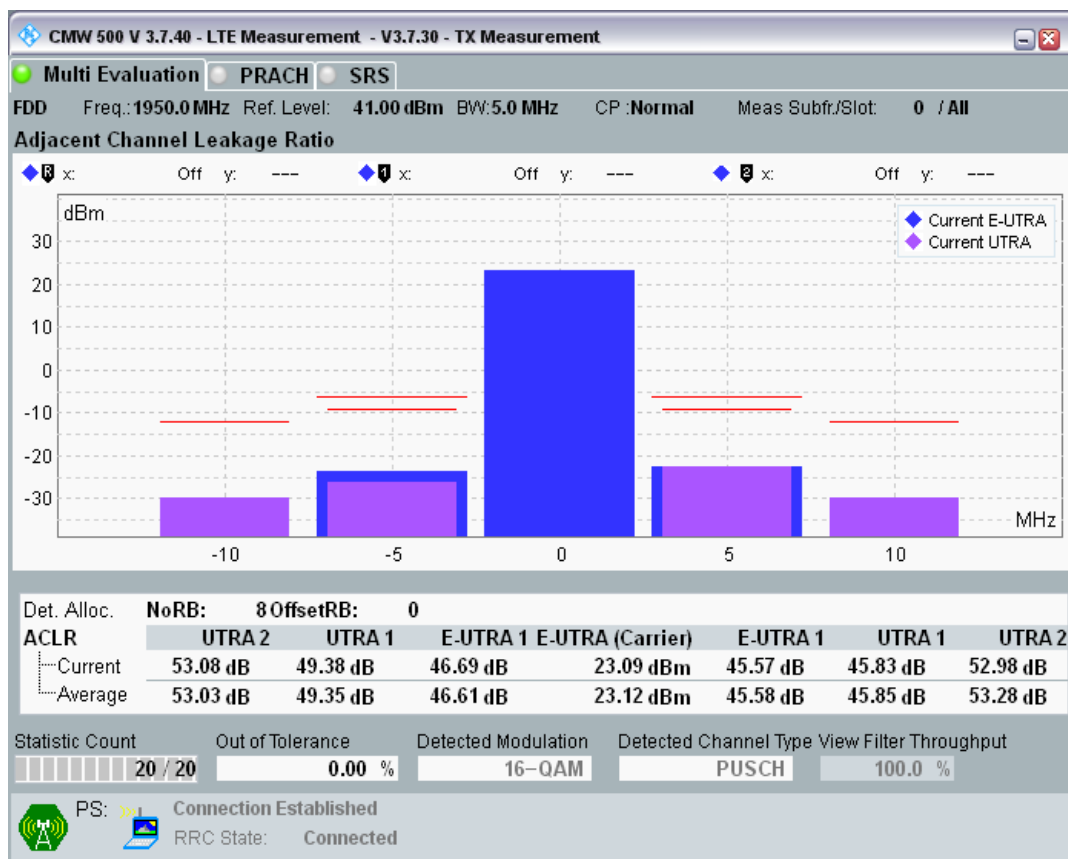
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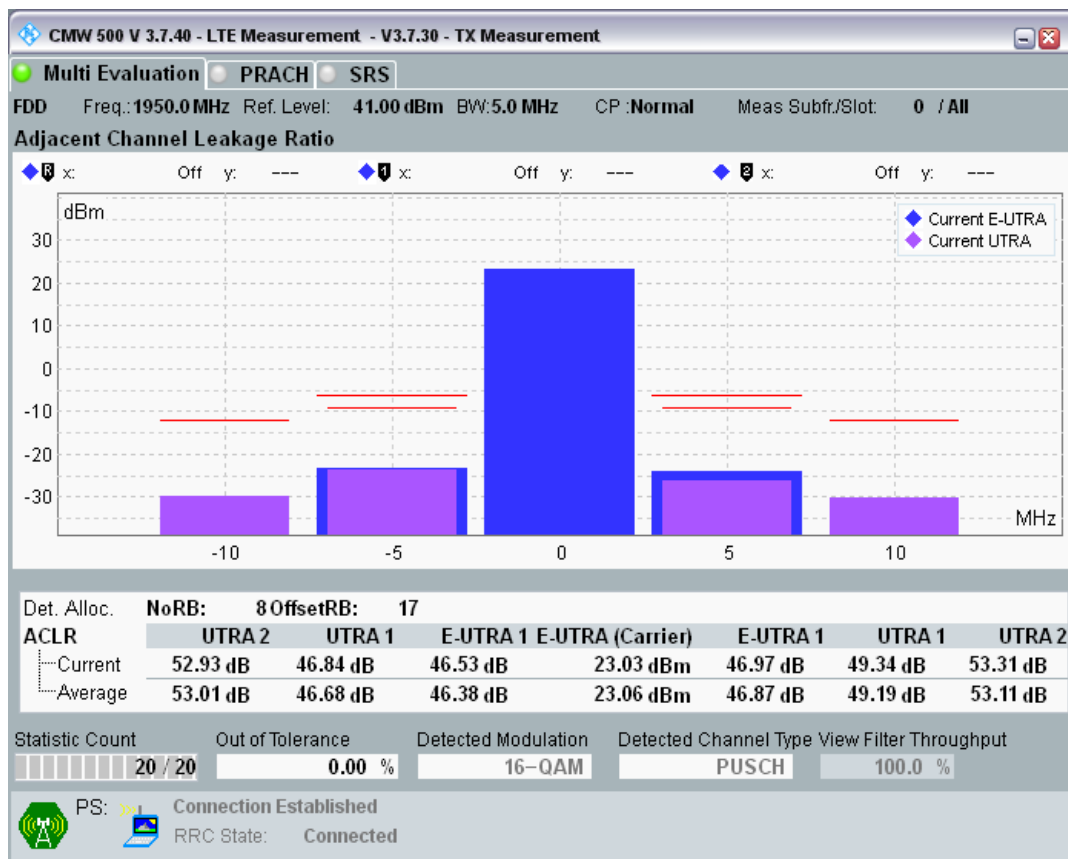
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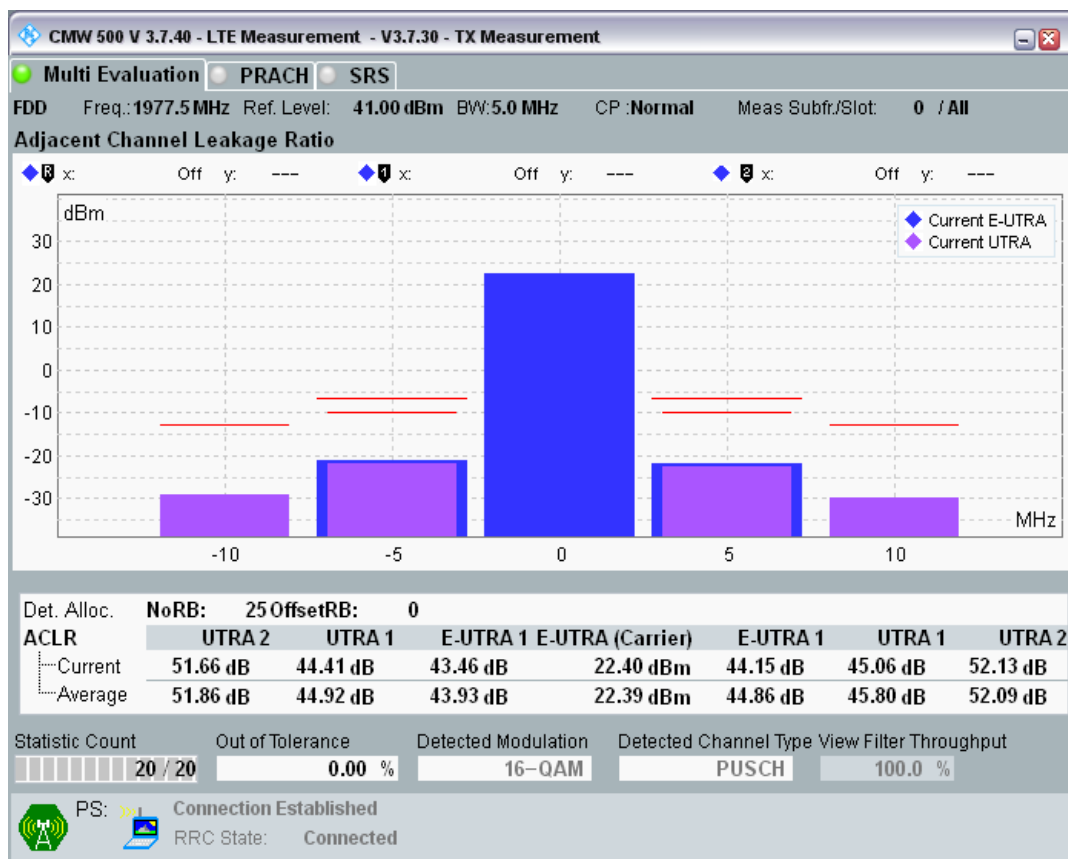
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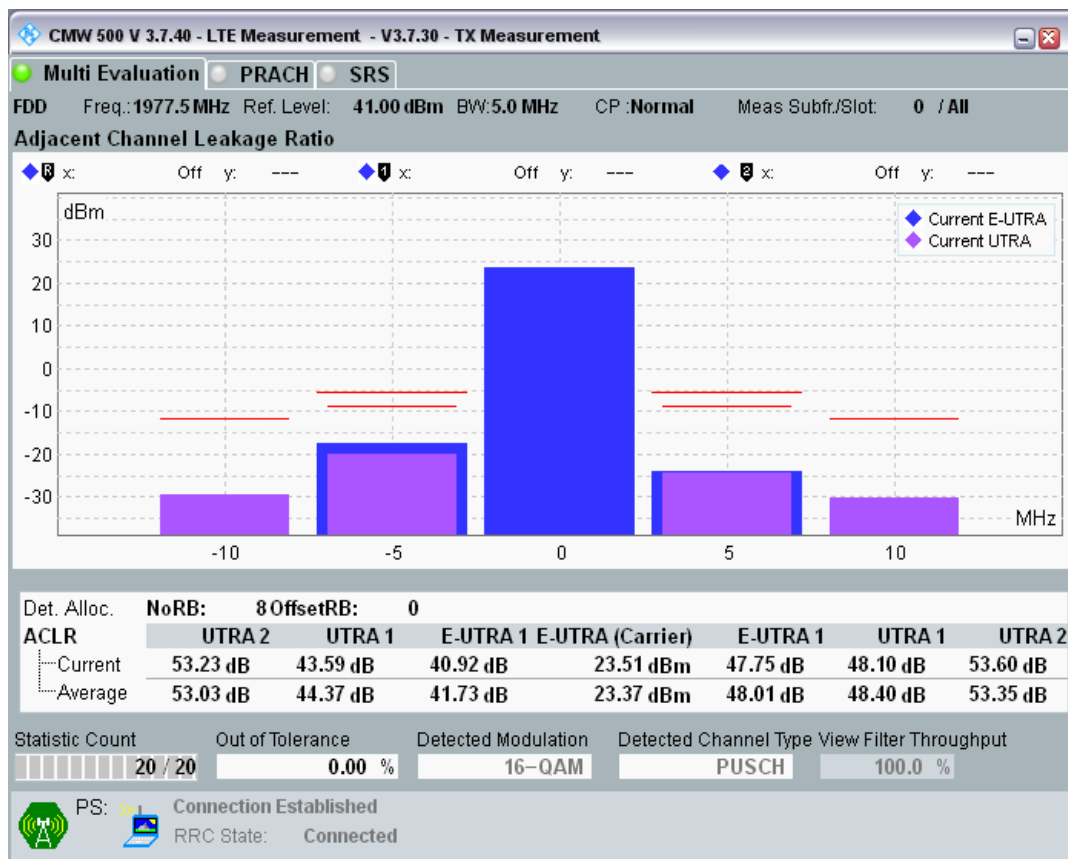
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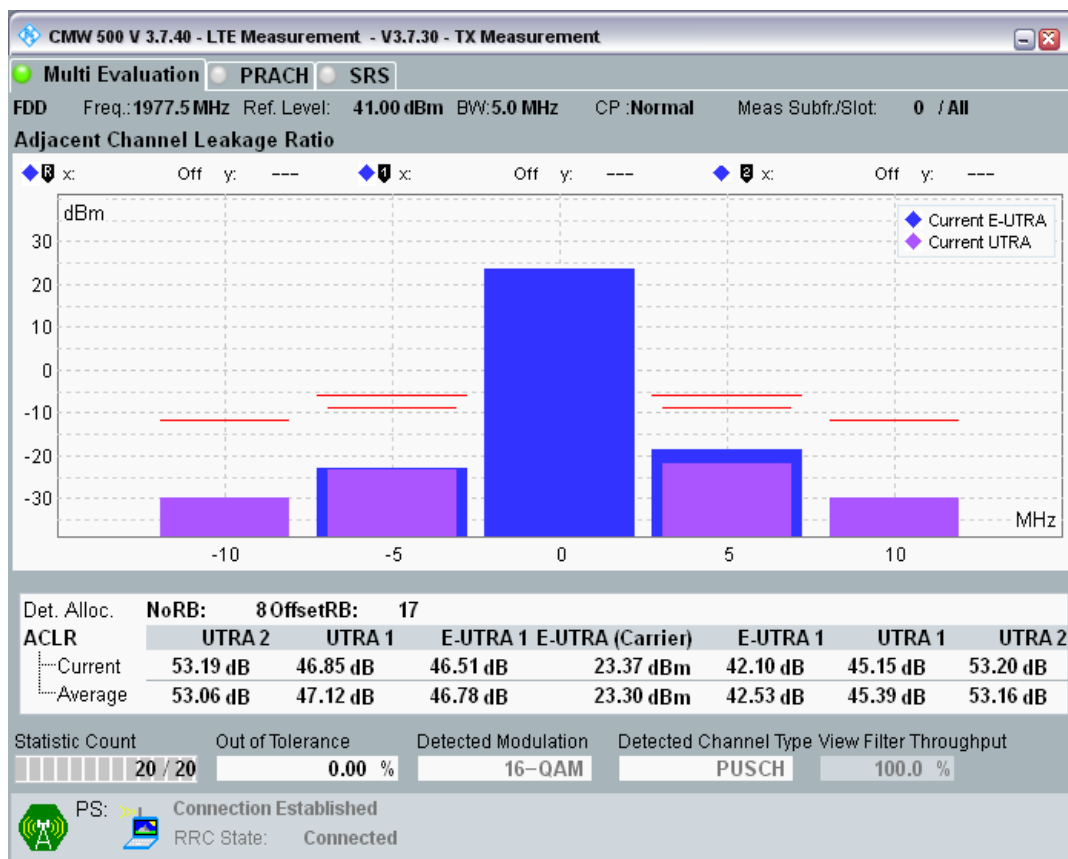
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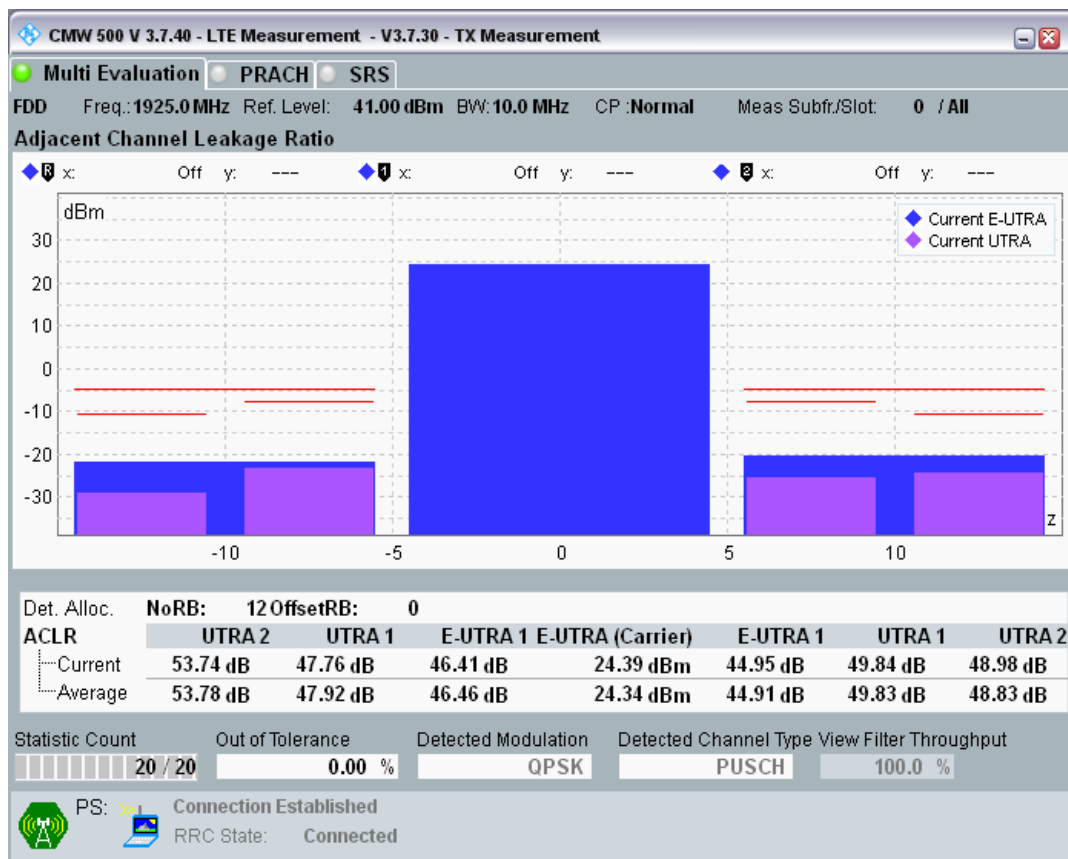
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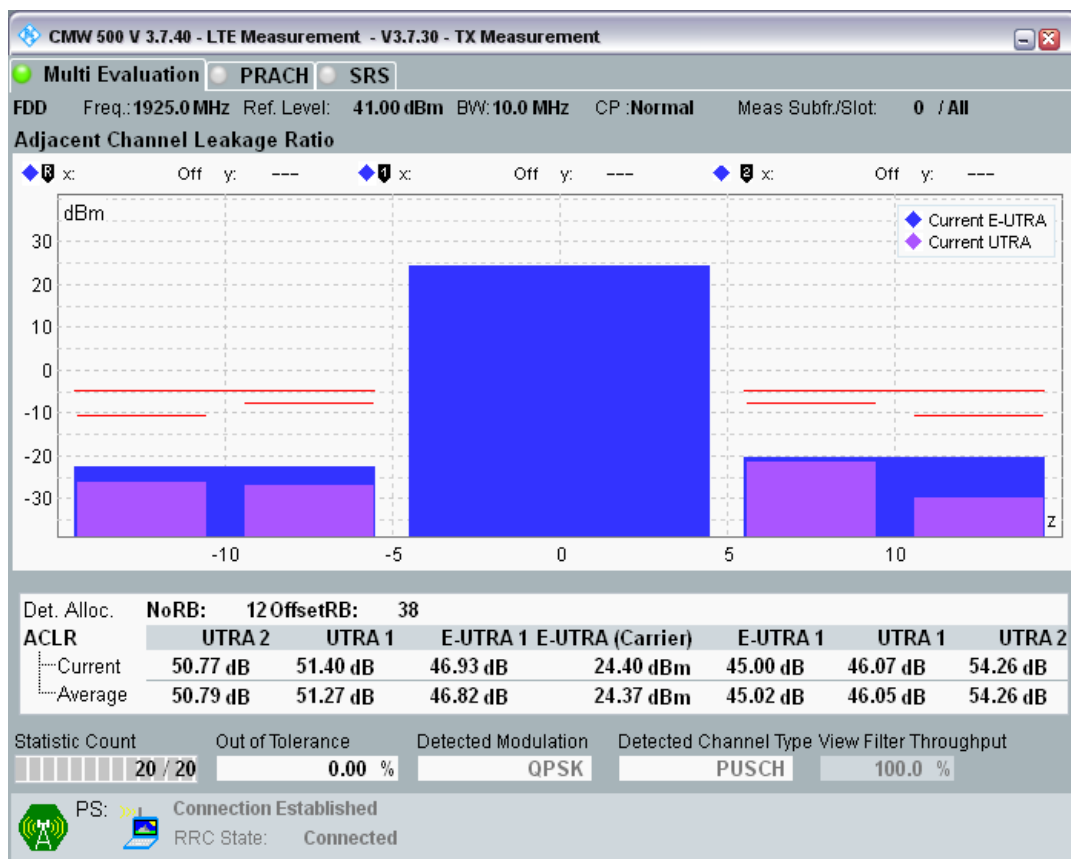
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Band1 QPSK BW=10MHz Channel=18050 RB Size=12 Position=#0.png



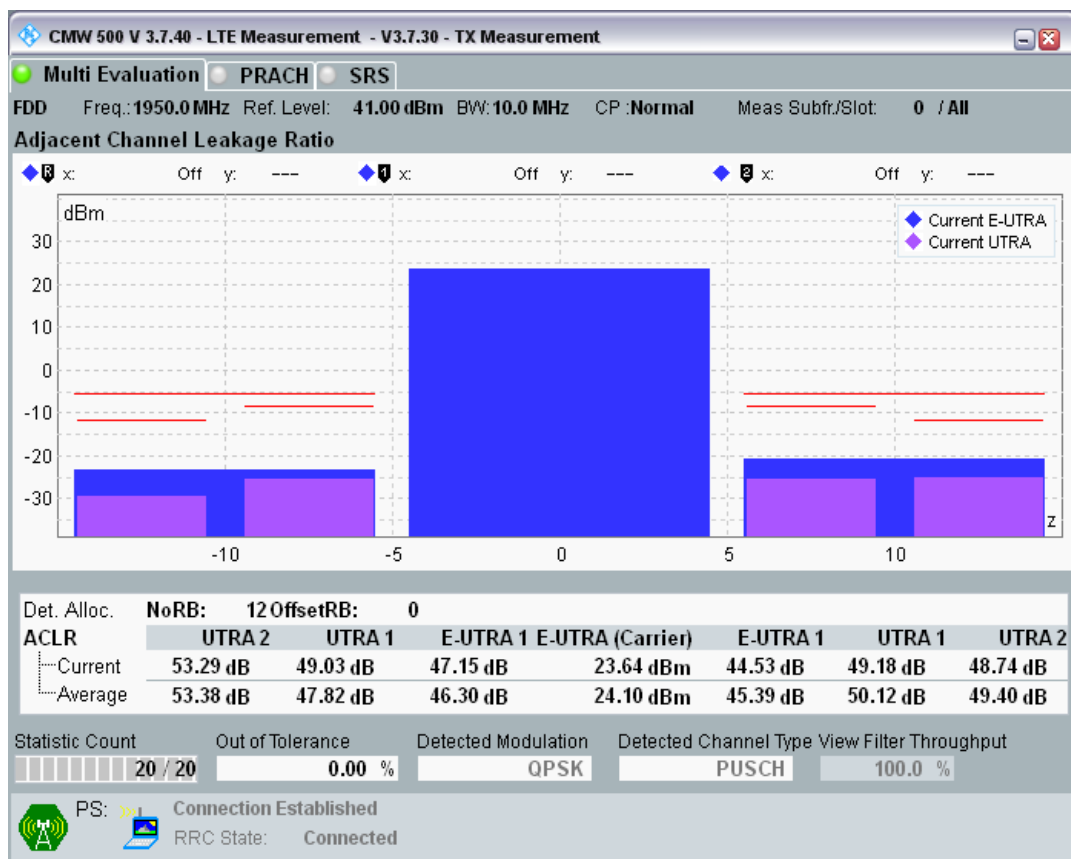
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Band1 QPSK BW=10MHz Channel=18300 RB Size=50 Position=#0.png



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



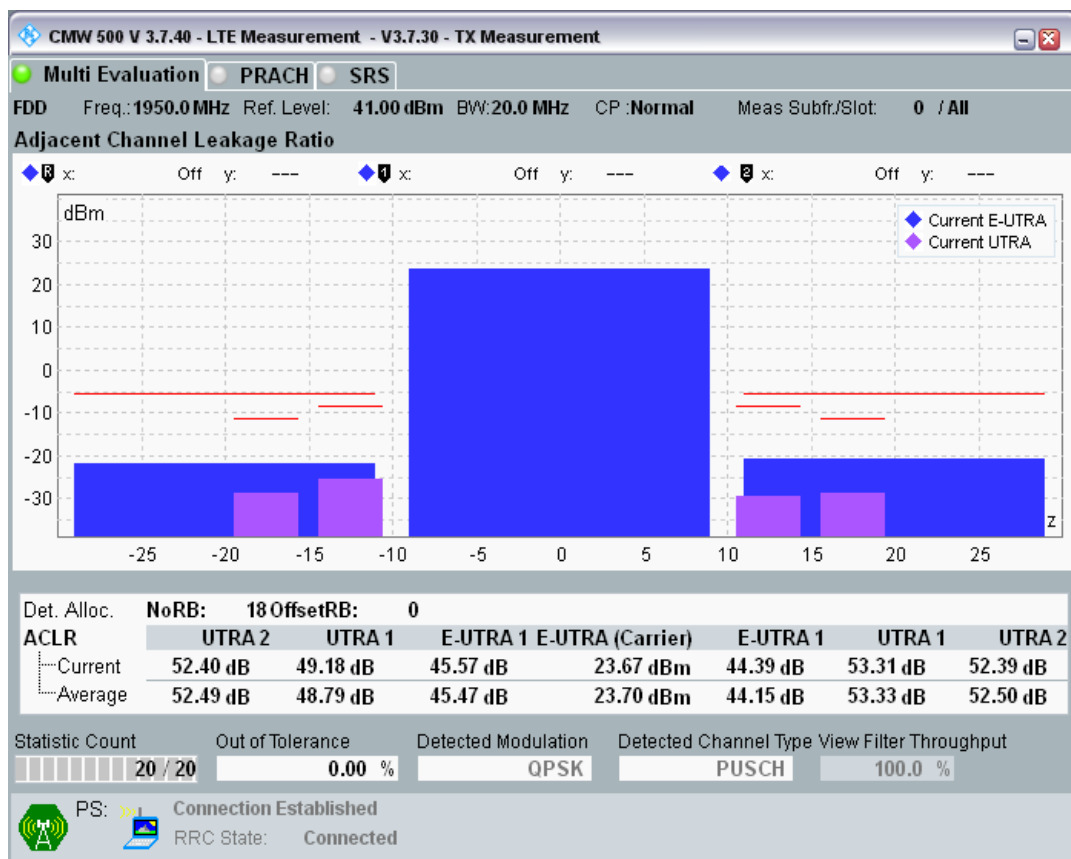
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Band1 QPSK BW=20MHz Channel=18300 RB Size=100 Position=#0.png



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



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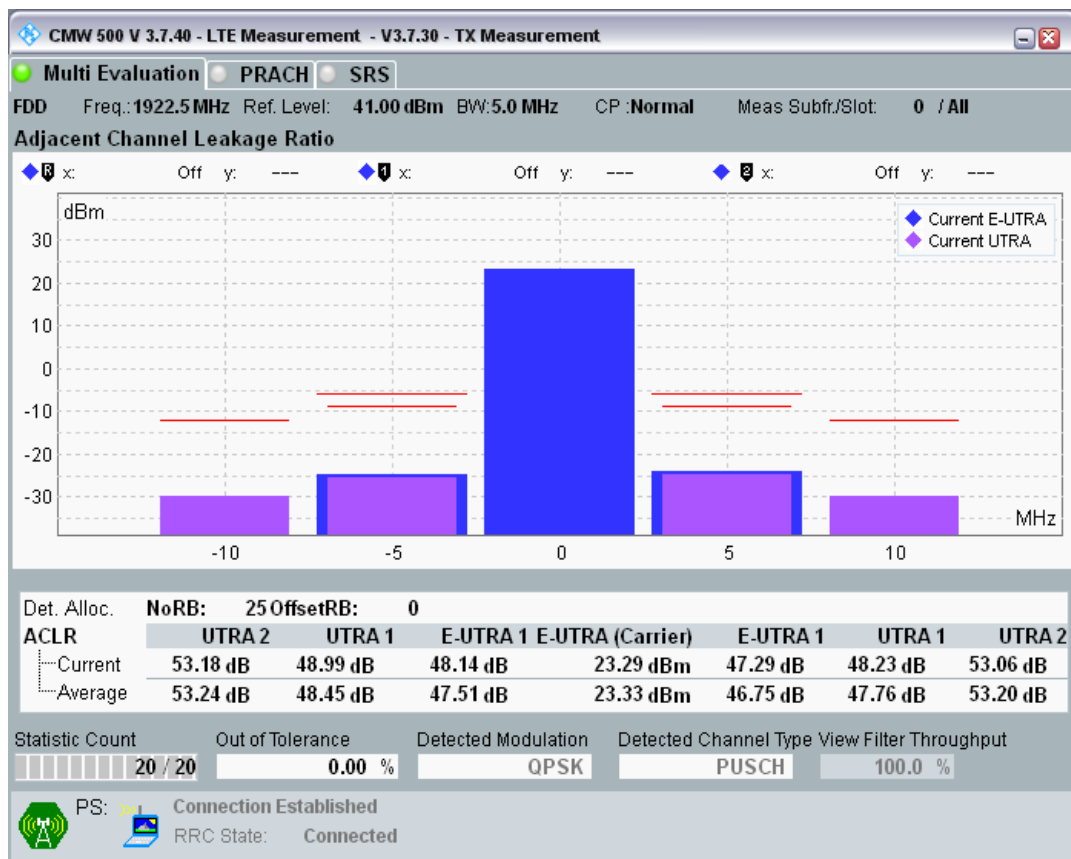
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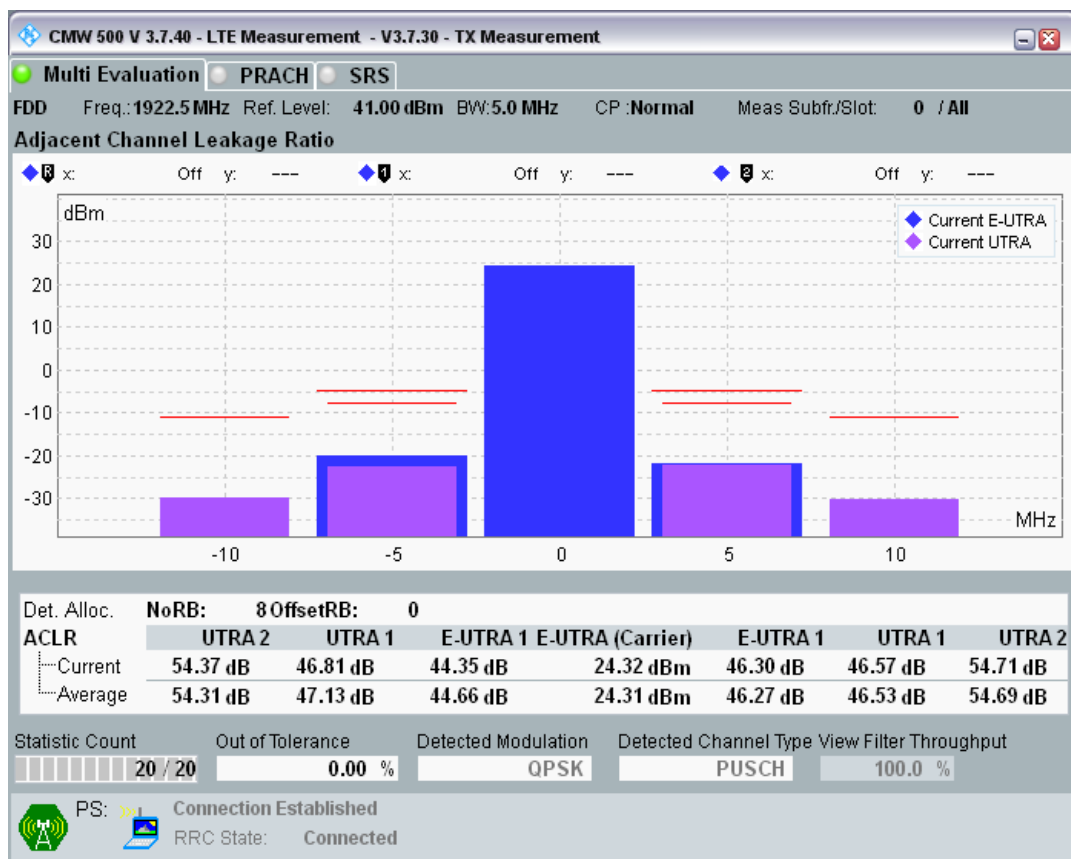
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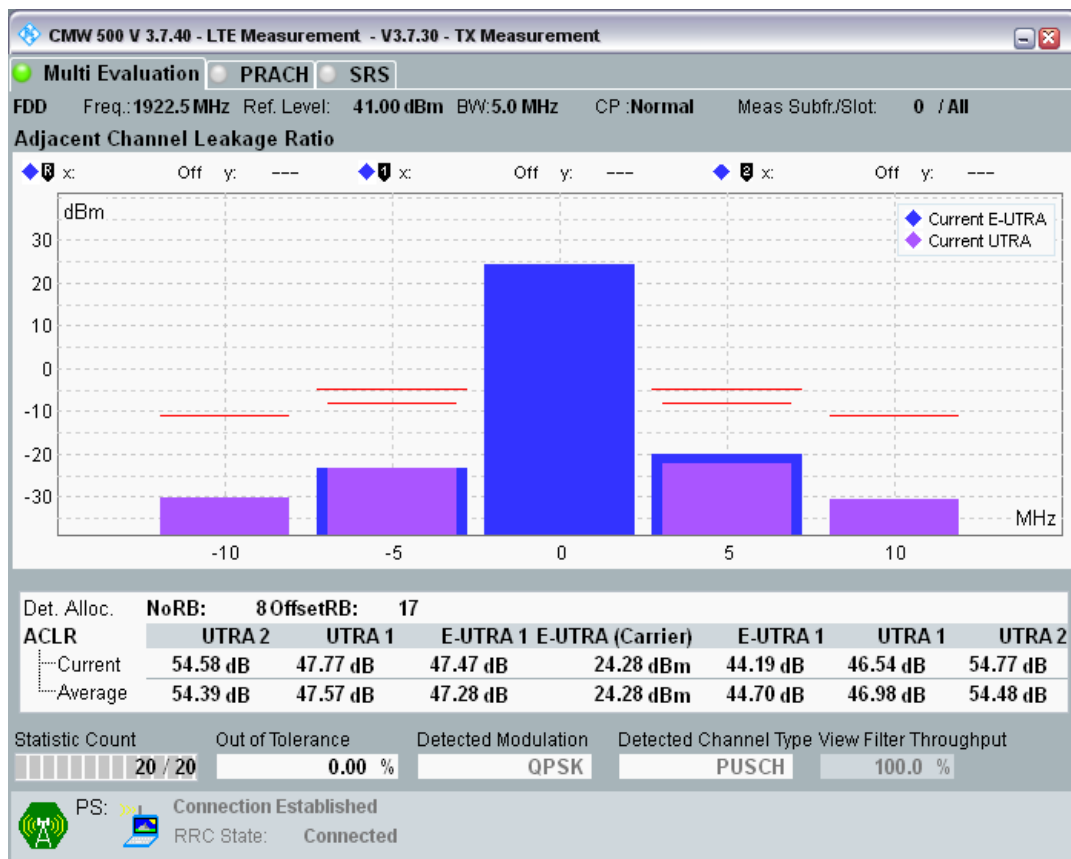
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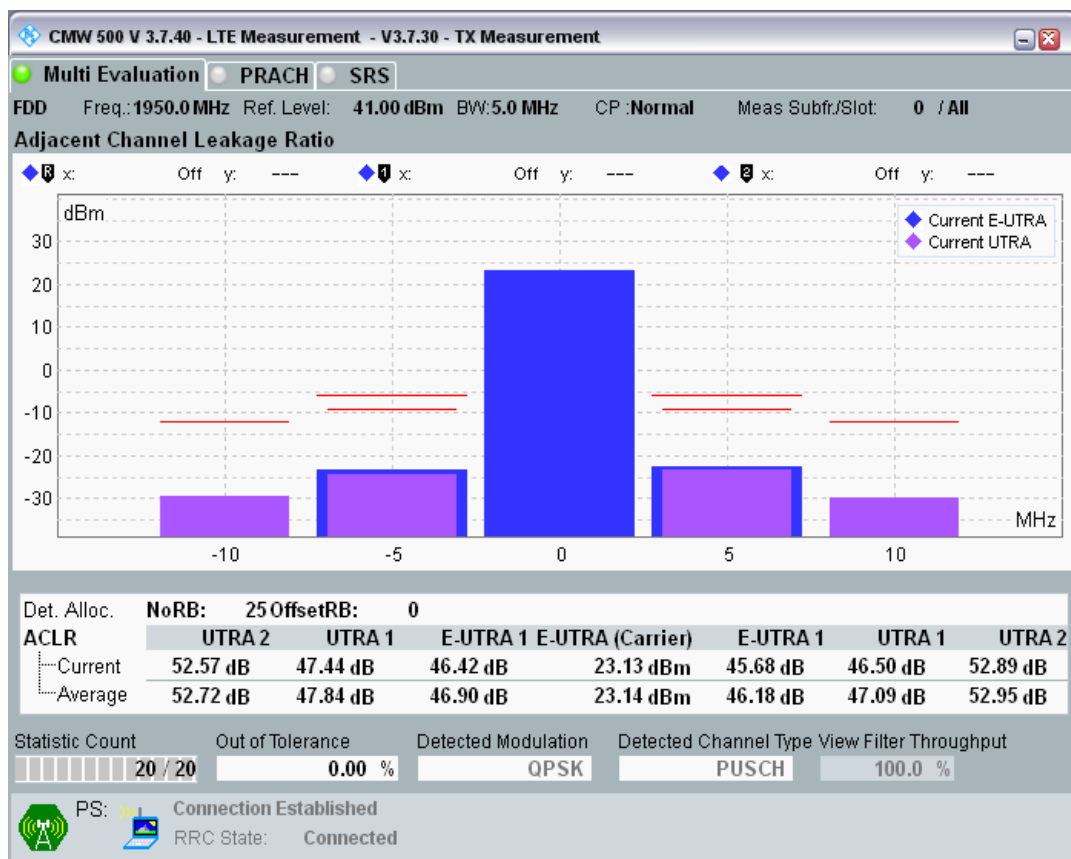
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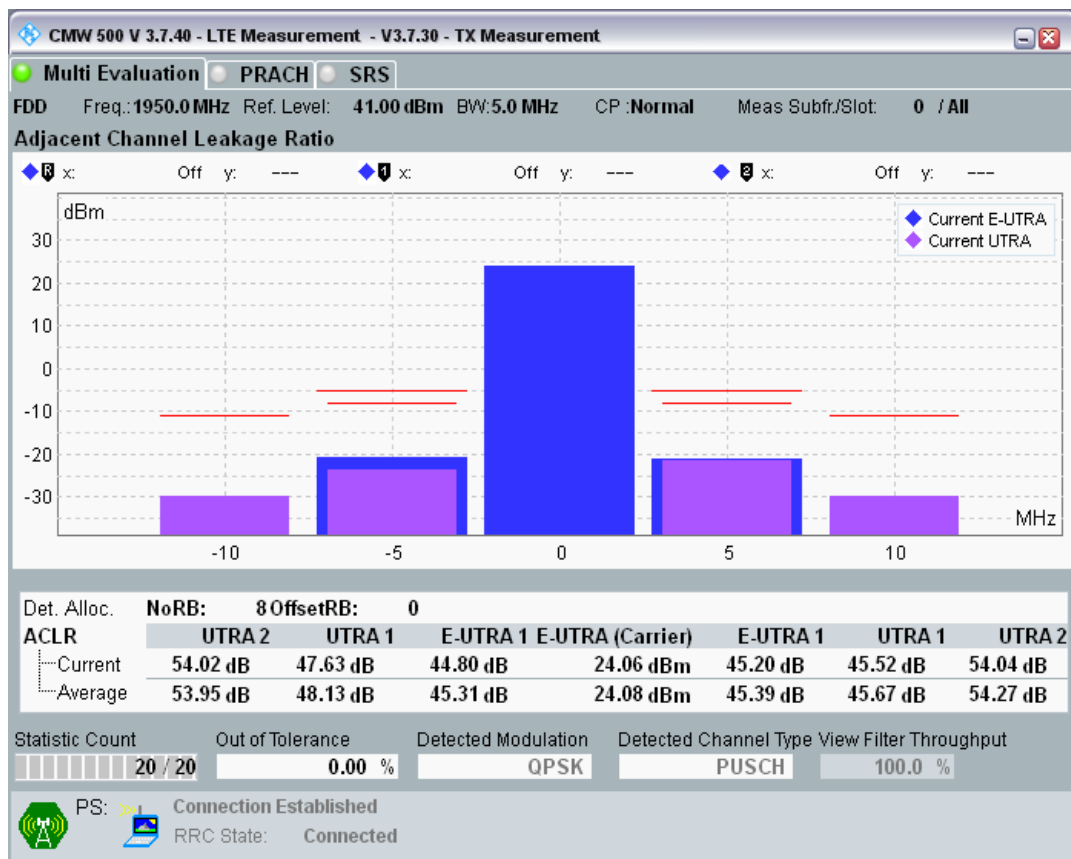
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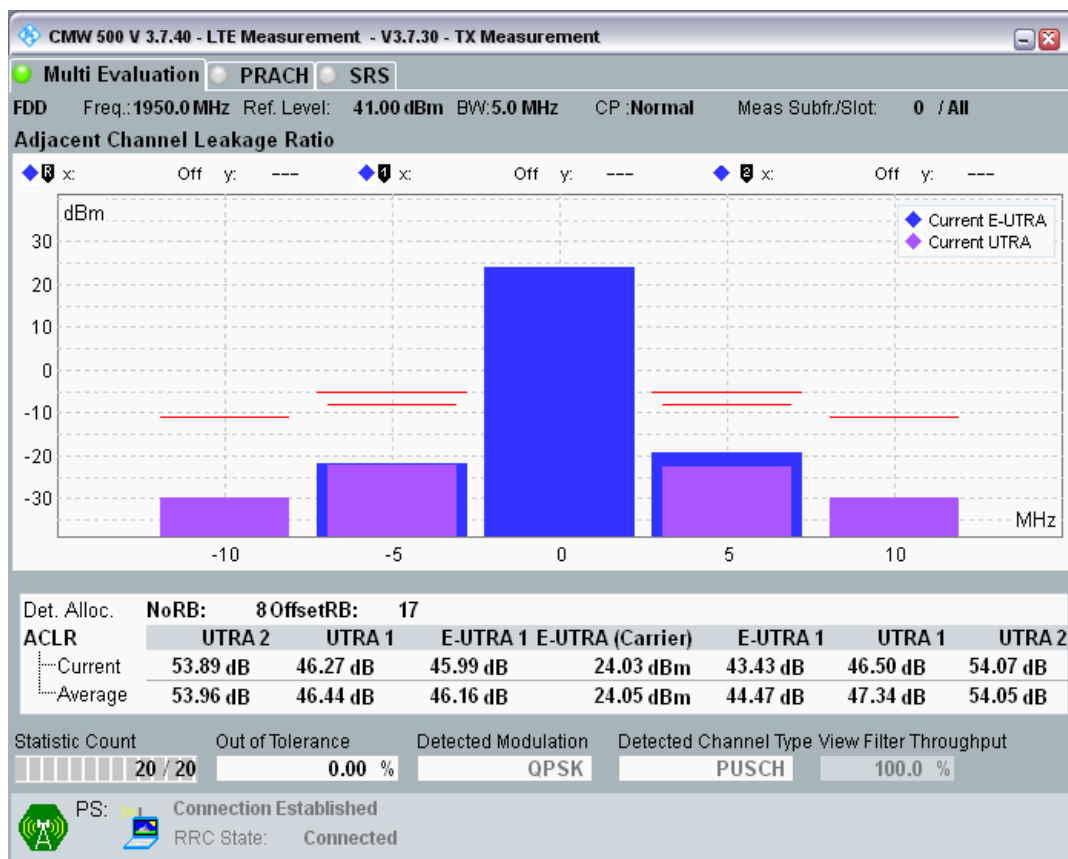
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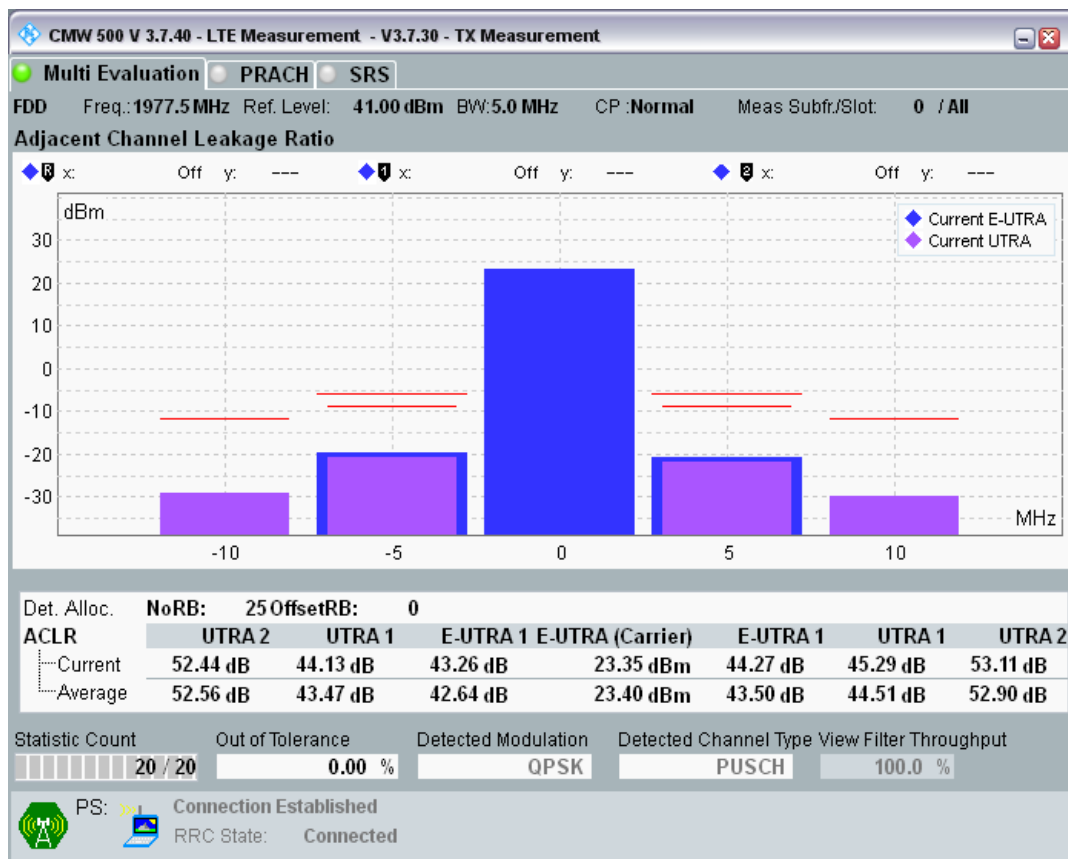
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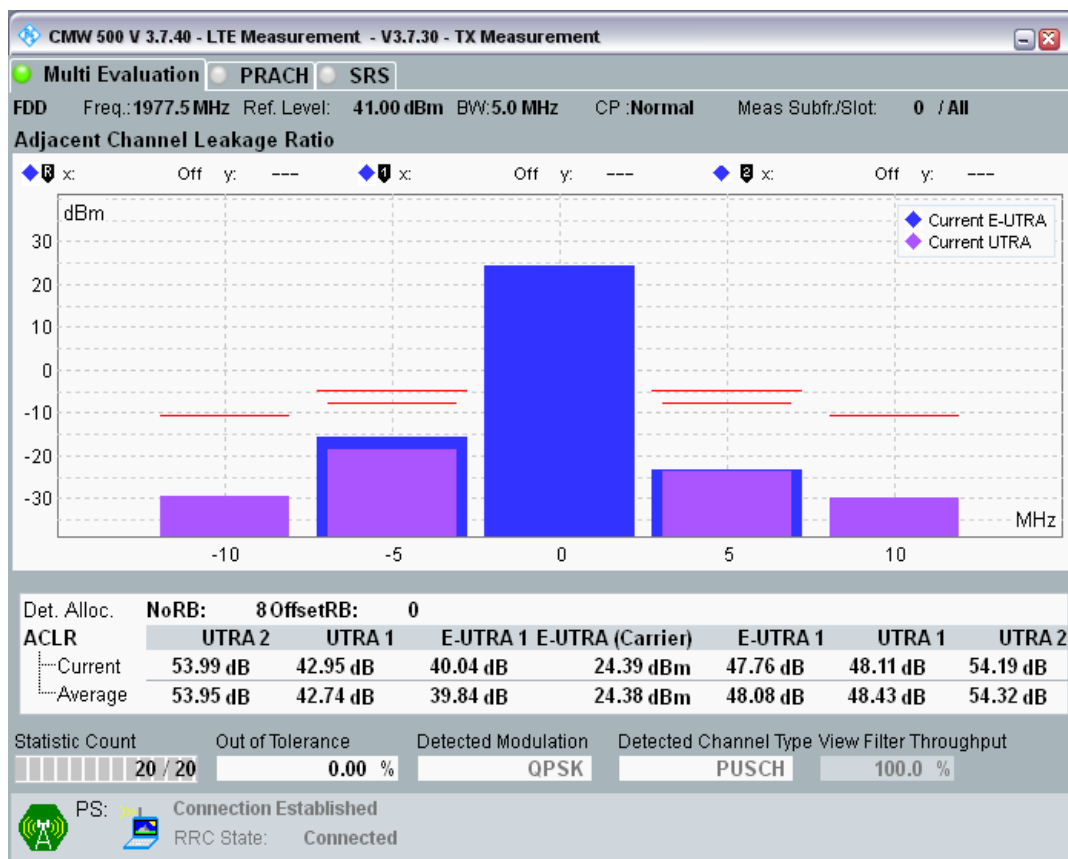
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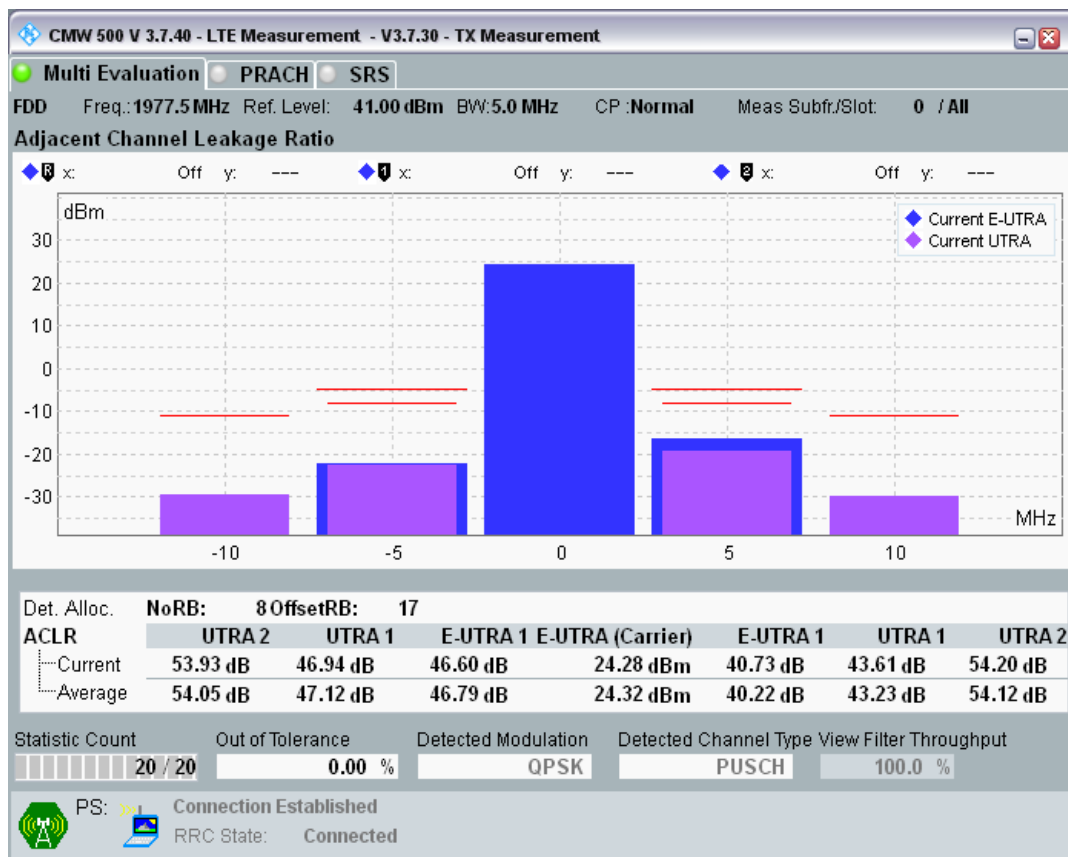
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Band1 QPSK BW=5MHz Channel=18575 RB Size=8 Position=#0.png



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,
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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	100.00	95	PASS
3	5	19225	25	QPSK	-96.3	100.00	95	PASS
3	5	19575	25	QPSK	-96.3	100.00	95	PASS
3	5	19925	25	QPSK	-96.3	100.00	95	PASS
3	20	19300	100	QPSK	-90.3	100.00	95	PASS
3	20	19575	100	QPSK	-90.3	100.00	95	PASS
3	20	19850	100	QPSK	-90.3	100.00	95	PASS
7	5	20775	25	QPSK	-97.3	100.00	95	PASS
7	5	21100	25	QPSK	-97.3	100.00	95	PASS
7	5	21425	25	QPSK	-97.3	100.00	95	PASS
7	20	20850	100	QPSK	-91.3	100.00	95	PASS
7	20	21100	100	QPSK	-91.3	100.00	95	PASS
7	20	21350	100	QPSK	-91.3	100.00	95	PASS
8	1.4	21457	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21625	6	QPSK	-101.5	100.00	95	PASS
8	1.4	21793	6	QPSK	-101.5	100.00	95	PASS
8	5	21475	25	QPSK	-96.3	100.00	95	PASS
8	5	21625	25	QPSK	-96.3	100.00	95	PASS
8	5	21775	25	QPSK	-96.3	100.00	95	PASS
8	10	21500	50	QPSK	-93.3	100.00	95	PASS
8	10	21625	50	QPSK	-93.3	100.00	95	PASS
8	10	21750	50	QPSK	-93.3	100.00	95	PASS
20	5	24175	25	QPSK	-96.3	100.00	95	PASS
20	5	24300	25	QPSK	-96.3	100.00	95	PASS
20	5	24425	25	QPSK	-96.3	100.00	95	PASS
20	20	24250	100	QPSK	-89.3	100.00	95	PASS
20	20	24300	100	QPSK	-89.3	100.00	95	PASS
20	20	24350	100	QPSK	-89.3	100.00	95	PASS
1	5	18025	25	QPSK	-99.3	100.00	95	PASS
1	5	18300	25	QPSK	-99.3	100.00	95	PASS
1	5	18575	25	QPSK	-99.3	100.00	95	PASS
1	20	18100	100	QPSK	-93.3	100.00	95	PASS
1	20	18300	100	QPSK	-93.3	100.00	95	PASS
1	20	18500	100	QPSK	-93.3	100.00	95	PASS