

# Appendix for Band 40

Report No.: BCTC2504944206-10E

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Applicant: Shenzhen Huafurui Technology Co., Ltd.

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Product Name: Smartphone

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Test Model: KINGKONG ES 3

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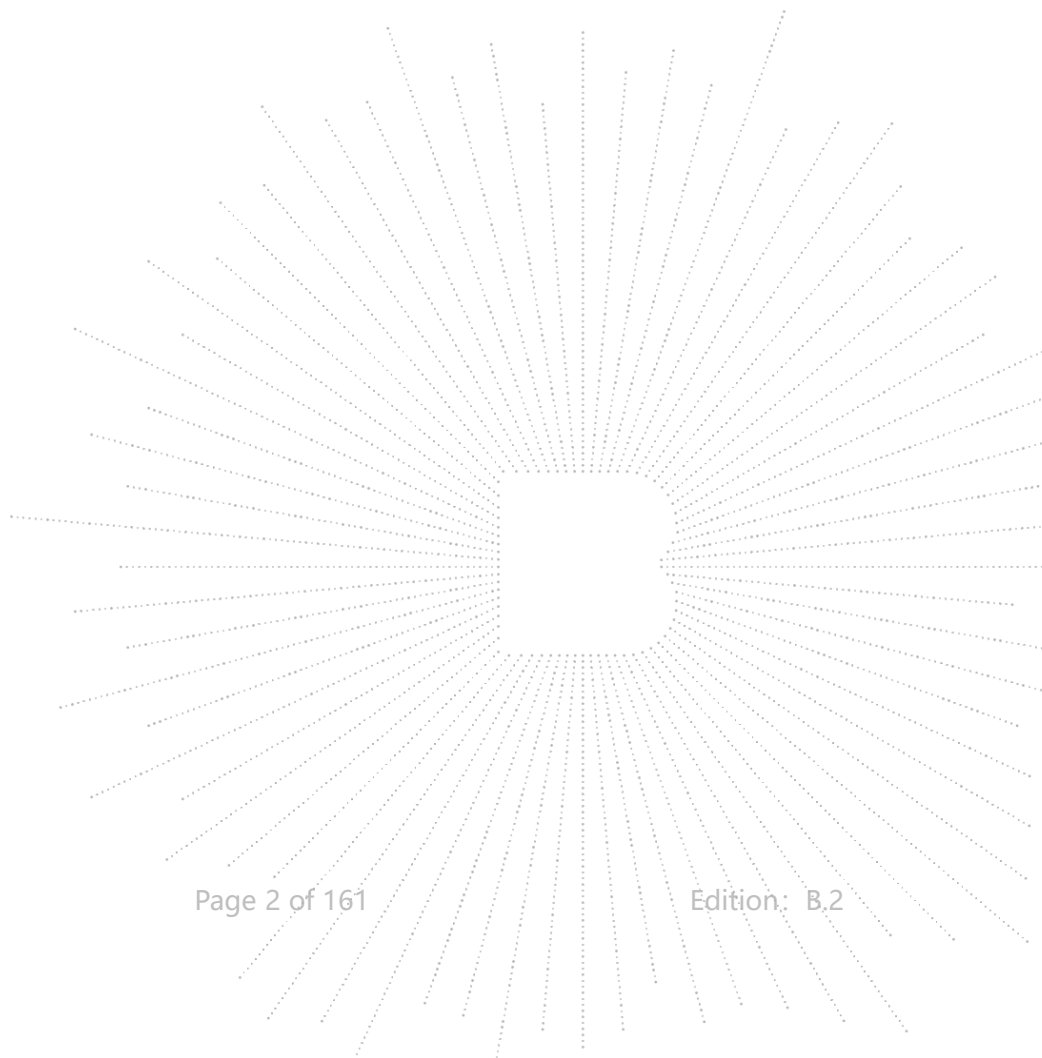
Tested Date: 2025-04-09 to 2025-05-26

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**Shenzhen BCTC Testing Co., Ltd.**

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## Appendix 1. Transmitter maximum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
Band40	5	38675	1	#0	QPSK	23.40	20.3	25.7	PASS
Band40	5	38675	1	#Max	QPSK	23.39	20.3	25.7	PASS
Band40	5	38675	8	#0	QPSK	23.49	20.3	25.7	PASS
Band40	5	38675	8	#Max	QPSK	23.53	20.3	25.7	PASS
Band40	5	39150	1	#0	QPSK	23.49	20.3	25.7	PASS
Band40	5	39150	1	#Max	QPSK	23.53	20.3	25.7	PASS
Band40	5	39150	8	#0	QPSK	23.58	20.3	25.7	PASS
Band40	5	39150	8	#Max	QPSK	23.60	20.3	25.7	PASS
Band40	5	39625	1	#0	QPSK	23.34	20.3	25.7	PASS
Band40	5	39625	1	#Max	QPSK	23.43	20.3	25.7	PASS
Band40	5	39625	8	#0	QPSK	23.39	20.3	25.7	PASS
Band40	5	39625	8	#Max	QPSK	23.43	20.3	25.7	PASS
Band40	20	38750	1	#0	QPSK	23.41	20.3	25.7	PASS
Band40	20	38750	1	#Max	QPSK	23.57	20.3	25.7	PASS
Band40	20	38750	18	#0	QPSK	23.44	20.3	25.7	PASS
Band40	20	38750	18	#Max	QPSK	23.57	20.3	25.7	PASS
Band40	20	39150	1	#0	QPSK	23.54	20.3	25.7	PASS
Band40	20	39150	1	#Max	QPSK	23.52	20.3	25.7	PASS
Band40	20	39150	18	#0	QPSK	23.54	20.3	25.7	PASS
Band40	20	39150	18	#Max	QPSK	23.52	20.3	25.7	PASS
Band40	20	39550	1	#0	QPSK	23.31	20.3	25.7	PASS
Band40	20	39550	1	#Max	QPSK	23.44	20.3	25.7	PASS
Band40	20	39550	18	#0	QPSK	23.34	20.3	25.7	PASS
Band40	20	39550	18	#Max	QPSK	23.35	20.3	25.7	PASS

## Appendix 2. Transmitter spectrum emission mask

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Offset (MHz)	SEM Margin (dB)	Verdict
Band40	5	38675	8	#0	QPSK	-2.515	9.06	PASS
Band40	5	38675	8	#0	QPSK	-4	18.97	PASS
Band40	5	38675	8	#0	QPSK	-8	23.59	PASS
Band40	5	38675	8	#0	QPSK	-9	12.37	PASS
Band40	5	38675	8	#0	QPSK	3.465	28.57	PASS
Band40	5	38675	8	#0	QPSK	4.5	16.48	PASS
Band40	5	38675	8	#0	QPSK	8	25.04	PASS
Band40	5	38675	8	#0	QPSK	9	13.29	PASS
Band40	5	38675	8	#Max	QPSK	-3.24	29.46	PASS
Band40	5	38675	8	#Max	QPSK	-4.68	17.26	PASS
Band40	5	38675	8	#Max	QPSK	-8	24.88	PASS
Band40	5	38675	8	#Max	QPSK	-10.98	13.00	PASS
Band40	5	38675	8	#Max	QPSK	2.515	8.51	PASS
Band40	5	38675	8	#Max	QPSK	4	19.22	PASS
Band40	5	38675	8	#Max	QPSK	8	22.70	PASS
Band40	5	38675	8	#Max	QPSK	9	11.65	PASS
Band40	5	38675	25	#0	QPSK	-2.515	17.81	PASS
Band40	5	38675	25	#0	QPSK	-4	17.39	PASS
Band40	5	38675	25	#0	QPSK	-8	23.32	PASS
Band40	5	38675	25	#0	QPSK	-9	12.08	PASS
Band40	5	38675	25	#0	QPSK	2.515	16.99	PASS
Band40	5	38675	25	#0	QPSK	4	17.11	PASS
Band40	5	38675	25	#0	QPSK	8	23.67	PASS
Band40	5	38675	25	#0	QPSK	9	12.00	PASS
Band40	5	38675	8	#0	16QAM	-2.515	9.35	PASS
Band40	5	38675	8	#0	16QAM	-4	20.66	PASS
Band40	5	38675	8	#0	16QAM	-8	23.80	PASS
Band40	5	38675	8	#0	16QAM	-9	12.26	PASS
Band40	5	38675	8	#0	16QAM	3.465	29.88	PASS
Band40	5	38675	8	#0	16QAM	4.59	18.32	PASS
Band40	5	38675	8	#0	16QAM	8	24.92	PASS
Band40	5	38675	8	#0	16QAM	9	13.28	PASS
Band40	5	38675	8	#Max	16QAM	-3.405	29.53	PASS
Band40	5	38675	8	#Max	16QAM	-4.41	19.04	PASS
Band40	5	38675	8	#Max	16QAM	-8	24.96	PASS
Band40	5	38675	8	#Max	16QAM	-11.34	13.01	PASS
Band40	5	38675	8	#Max	16QAM	2.515	12.65	PASS
Band40	5	38675	8	#Max	16QAM	4	21.02	PASS
Band40	5	38675	8	#Max	16QAM	8	23.22	PASS

Band40	5	38675	8	#Max	16QAM	9	12.02	PASS
Band40	5	38675	25	#0	16QAM	-2.515	16.57	PASS
Band40	5	38675	25	#0	16QAM	-4	17.91	PASS
Band40	5	38675	25	#0	16QAM	-8	23.40	PASS
Band40	5	38675	25	#0	16QAM	-9	12.08	PASS
Band40	5	38675	25	#0	16QAM	2.515	18.08	PASS
Band40	5	38675	25	#0	16QAM	4	18.52	PASS
Band40	5	38675	25	#0	16QAM	8	23.38	PASS
Band40	5	38675	25	#0	16QAM	9	12.20	PASS
Band40	5	39150	8	#0	QPSK	-2.515	13.09	PASS
Band40	5	39150	8	#0	QPSK	-4	20.35	PASS
Band40	5	39150	8	#0	QPSK	-8	23.31	PASS
Band40	5	39150	8	#0	QPSK	-9	12.01	PASS
Band40	5	39150	8	#0	QPSK	3.485	27.81	PASS
Band40	5	39150	8	#0	QPSK	4.59	16.27	PASS
Band40	5	39150	8	#0	QPSK	8	24.59	PASS
Band40	5	39150	8	#0	QPSK	9	12.81	PASS
Band40	5	39150	8	#Max	QPSK	-3.45	28.89	PASS
Band40	5	39150	8	#Max	QPSK	-4.41	17.23	PASS
Band40	5	39150	8	#Max	QPSK	-8	24.62	PASS
Band40	5	39150	8	#Max	QPSK	-11.79	12.54	PASS
Band40	5	39150	8	#Max	QPSK	2.515	9.89	PASS
Band40	5	39150	8	#Max	QPSK	4	20.39	PASS
Band40	5	39150	8	#Max	QPSK	8	22.58	PASS
Band40	5	39150	8	#Max	QPSK	9	11.65	PASS
Band40	5	39150	25	#0	QPSK	-2.515	15.91	PASS
Band40	5	39150	25	#0	QPSK	-4	17.56	PASS
Band40	5	39150	25	#0	QPSK	-8	23.77	PASS
Band40	5	39150	25	#0	QPSK	-9.72	11.99	PASS
Band40	5	39150	25	#0	QPSK	2.515	14.38	PASS
Band40	5	39150	25	#0	QPSK	4	17.05	PASS
Band40	5	39150	25	#0	QPSK	8	23.57	PASS
Band40	5	39150	25	#0	QPSK	9.99	11.87	PASS
Band40	5	39150	8	#0	16QAM	-2.515	11.79	PASS
Band40	5	39150	8	#0	16QAM	-4	21.17	PASS
Band40	5	39150	8	#0	16QAM	-8	23.53	PASS
Band40	5	39150	8	#0	16QAM	-9	12.04	PASS
Band40	5	39150	8	#0	16QAM	3.42	28.47	PASS
Band40	5	39150	8	#0	16QAM	4.59	17.80	PASS
Band40	5	39150	8	#0	16QAM	8	24.53	PASS
Band40	5	39150	8	#0	16QAM	9	12.78	PASS
Band40	5	39150	8	#Max	16QAM	-3.405	30.74	PASS
Band40	5	39150	8	#Max	16QAM	-4.59	18.76	PASS

Band40	5	39150	8	#Max	16QAM	-8	24.56	PASS
Band40	5	39150	8	#Max	16QAM	-12	12.69	PASS
Band40	5	39150	8	#Max	16QAM	2.515	13.21	PASS
Band40	5	39150	8	#Max	16QAM	4	21.38	PASS
Band40	5	39150	8	#Max	16QAM	8	22.75	PASS
Band40	5	39150	8	#Max	16QAM	9	11.70	PASS
Band40	5	39150	25	#0	16QAM	-2.515	16.56	PASS
Band40	5	39150	25	#0	16QAM	-4	18.28	PASS
Band40	5	39150	25	#0	16QAM	-8	23.60	PASS
Band40	5	39150	25	#0	16QAM	-9	11.97	PASS
Band40	5	39150	25	#0	16QAM	2.515	16.96	PASS
Band40	5	39150	25	#0	16QAM	4	18.12	PASS
Band40	5	39150	25	#0	16QAM	8	23.42	PASS
Band40	5	39150	25	#0	16QAM	9	11.86	PASS
Band40	5	39625	8	#0	QPSK	-2.515	10.48	PASS
Band40	5	39625	8	#0	QPSK	-4	19.28	PASS
Band40	5	39625	8	#0	QPSK	-8	23.79	PASS
Band40	5	39625	8	#0	QPSK	-9	12.16	PASS
Band40	5	39625	8	#0	QPSK	3.485	29.08	PASS
Band40	5	39625	8	#0	QPSK	4.68	15.84	PASS
Band40	5	39625	8	#0	QPSK	8	24.98	PASS
Band40	5	39625	8	#0	QPSK	9	13.17	PASS
Band40	5	39625	8	#Max	QPSK	-3.42	28.44	PASS
Band40	5	39625	8	#Max	QPSK	-4.5	16.31	PASS
Band40	5	39625	8	#Max	QPSK	-8	24.84	PASS
Band40	5	39625	8	#Max	QPSK	-11.7	13.09	PASS
Band40	5	39625	8	#Max	QPSK	2.515	8.18	PASS
Band40	5	39625	8	#Max	QPSK	4	18.39	PASS
Band40	5	39625	8	#Max	QPSK	8	23.08	PASS
Band40	5	39625	8	#Max	QPSK	9.36	12.10	PASS
Band40	5	39625	25	#0	QPSK	-2.515	17.91	PASS
Band40	5	39625	25	#0	QPSK	-4	20.17	PASS
Band40	5	39625	25	#0	QPSK	-8	24.21	PASS
Band40	5	39625	25	#0	QPSK	-9.72	12.46	PASS
Band40	5	39625	25	#0	QPSK	2.515	17.73	PASS
Band40	5	39625	25	#0	QPSK	4	19.12	PASS
Band40	5	39625	25	#0	QPSK	8	24.19	PASS
Band40	5	39625	25	#0	QPSK	9.45	12.44	PASS
Band40	5	39625	8	#0	16QAM	-2.515	13.13	PASS
Band40	5	39625	8	#0	16QAM	-4	22.33	PASS
Band40	5	39625	8	#0	16QAM	-8	24.04	PASS
Band40	5	39625	8	#0	16QAM	-9	12.62	PASS
Band40	5	39625	8	#0	16QAM	3.315	29.81	PASS

Band40	5	39625	8	#0	16QAM	4.77	17.93	PASS
Band40	5	39625	8	#0	16QAM	8	25.17	PASS
Band40	5	39625	8	#0	16QAM	9	13.34	PASS
Band40	5	39625	8	#Max	16QAM	-3.45	30.26	PASS
Band40	5	39625	8	#Max	16QAM	-4.5	18.14	PASS
Band40	5	39625	8	#Max	16QAM	-8	24.98	PASS
Band40	5	39625	8	#Max	16QAM	-11.79	13.05	PASS
Band40	5	39625	8	#Max	16QAM	2.515	11.11	PASS
Band40	5	39625	8	#Max	16QAM	4	22.31	PASS
Band40	5	39625	8	#Max	16QAM	8	23.46	PASS
Band40	5	39625	8	#Max	16QAM	9	12.53	PASS
Band40	5	39625	25	#0	16QAM	-2.515	21.03	PASS
Band40	5	39625	25	#0	16QAM	-4	20.93	PASS
Band40	5	39625	25	#0	16QAM	-8	23.80	PASS
Band40	5	39625	25	#0	16QAM	-9	12.35	PASS
Band40	5	39625	25	#0	16QAM	2.515	17.06	PASS
Band40	5	39625	25	#0	16QAM	4	20.63	PASS
Band40	5	39625	25	#0	16QAM	8	23.89	PASS
Band40	5	39625	25	#0	16QAM	9.9	12.67	PASS
Band40	10	38700	12	#0	QPSK	-5.015	10.94	PASS
Band40	10	38700	12	#0	QPSK	-6.5	16.94	PASS
Band40	10	38700	12	#0	QPSK	-10.5	23.60	PASS
Band40	10	38700	12	#0	QPSK	-19.5	11.70	PASS
Band40	10	38700	12	#0	QPSK	5.07	32.02	PASS
Band40	10	38700	12	#0	QPSK	9.5	17.97	PASS
Band40	10	38700	12	#0	QPSK	10.5	14.12	PASS
Band40	10	38700	12	#0	QPSK	17.82	13.16	PASS
Band40	10	38700	12	#Max	QPSK	-5.085	32.30	PASS
Band40	10	38700	12	#Max	QPSK	-9.5	20.58	PASS
Band40	10	38700	12	#Max	QPSK	-10.5	17.08	PASS
Band40	10	38700	12	#Max	QPSK	-19.5	11.93	PASS
Band40	10	38700	12	#Max	QPSK	5.015	10.50	PASS
Band40	10	38700	12	#Max	QPSK	6.5	17.13	PASS
Band40	10	38700	12	#Max	QPSK	10.5	23.65	PASS
Band40	10	38700	12	#Max	QPSK	17.01	11.68	PASS
Band40	10	38700	50	#0	QPSK	-5.025	20.60	PASS
Band40	10	38700	50	#0	QPSK	-6.5	19.05	PASS
Band40	10	38700	50	#0	QPSK	-10.5	19.47	PASS
Band40	10	38700	50	#0	QPSK	-15.5	11.58	PASS
Band40	10	38700	50	#0	QPSK	5.115	17.96	PASS
Band40	10	38700	50	#0	QPSK	6.57	17.52	PASS
Band40	10	38700	50	#0	QPSK	10.5	17.79	PASS
Band40	10	38700	50	#0	QPSK	15.5	11.95	PASS

Band40	10	38700	12	#0	16QAM	-5.025	13.07	PASS
Band40	10	38700	12	#0	16QAM	-6.5	18.48	PASS
Band40	10	38700	12	#0	16QAM	-10.5	24.02	PASS
Band40	10	38700	12	#0	16QAM	-19.5	11.74	PASS
Band40	10	38700	12	#0	16QAM	5.505	32.66	PASS
Band40	10	38700	12	#0	16QAM	9.5	19.36	PASS
Band40	10	38700	12	#0	16QAM	10.5	15.56	PASS
Band40	10	38700	12	#0	16QAM	15.75	13.24	PASS
Band40	10	38700	12	#Max	16QAM	-5.015	32.58	PASS
Band40	10	38700	12	#Max	16QAM	-9.5	22.00	PASS
Band40	10	38700	12	#Max	16QAM	-10.5	18.56	PASS
Band40	10	38700	12	#Max	16QAM	-19.5	11.97	PASS
Band40	10	38700	12	#Max	16QAM	5.015	13.82	PASS
Band40	10	38700	12	#Max	16QAM	6.5	18.85	PASS
Band40	10	38700	12	#Max	16QAM	10.5	23.95	PASS
Band40	10	38700	12	#Max	16QAM	16.92	11.98	PASS
Band40	10	38700	50	#0	16QAM	-5.015	17.87	PASS
Band40	10	38700	50	#0	16QAM	-6.5	19.87	PASS
Band40	10	38700	50	#0	16QAM	-10.5	19.83	PASS
Band40	10	38700	50	#0	16QAM	-15.5	11.59	PASS
Band40	10	38700	50	#0	16QAM	5.055	19.00	PASS
Band40	10	38700	50	#0	16QAM	6.5	19.01	PASS
Band40	10	38700	50	#0	16QAM	10.5	19.15	PASS
Band40	10	38700	50	#0	16QAM	15.5	11.91	PASS
Band40	10	39150	12	#0	QPSK	-5.015	10.08	PASS
Band40	10	39150	12	#0	QPSK	-6.5	18.20	PASS
Band40	10	39150	12	#0	QPSK	-10.5	23.29	PASS
Band40	10	39150	12	#0	QPSK	-19.5	11.41	PASS
Band40	10	39150	12	#0	QPSK	5.085	31.20	PASS
Band40	10	39150	12	#0	QPSK	9.5	17.93	PASS
Band40	10	39150	12	#0	QPSK	10.5	13.82	PASS
Band40	10	39150	12	#0	QPSK	18.18	12.75	PASS
Band40	10	39150	12	#Max	QPSK	-5.145	32.36	PASS
Band40	10	39150	12	#Max	QPSK	-9.5	20.52	PASS
Band40	10	39150	12	#Max	QPSK	-10.5	17.24	PASS
Band40	10	39150	12	#Max	QPSK	-19.5	11.70	PASS
Band40	10	39150	12	#Max	QPSK	5.015	12.82	PASS
Band40	10	39150	12	#Max	QPSK	6.5	18.07	PASS
Band40	10	39150	12	#Max	QPSK	10.5	23.32	PASS
Band40	10	39150	12	#Max	QPSK	17.46	11.37	PASS
Band40	10	39150	50	#0	QPSK	-5.015	18.46	PASS
Band40	10	39150	50	#0	QPSK	-6.5	19.40	PASS
Band40	10	39150	50	#0	QPSK	-10.5	20.10	PASS

Band40	10	39150	50	#0	QPSK	-19.5	11.40	PASS
Band40	10	39150	50	#0	QPSK	5.025	19.02	PASS
Band40	10	39150	50	#0	QPSK	6.5	17.92	PASS
Band40	10	39150	50	#0	QPSK	10.5	17.50	PASS
Band40	10	39150	50	#0	QPSK	15.75	11.93	PASS
Band40	10	39150	12	#0	16QAM	-5.015	12.19	PASS
Band40	10	39150	12	#0	16QAM	-6.5	19.92	PASS
Band40	10	39150	12	#0	16QAM	-10.8	23.65	PASS
Band40	10	39150	12	#0	16QAM	-19.5	11.44	PASS
Band40	10	39150	12	#0	16QAM	5.085	31.73	PASS
Band40	10	39150	12	#0	16QAM	9.5	18.82	PASS
Band40	10	39150	12	#0	16QAM	10.5	15.46	PASS
Band40	10	39150	12	#0	16QAM	19.5	12.66	PASS
Band40	10	39150	12	#Max	16QAM	-5.145	32.42	PASS
Band40	10	39150	12	#Max	16QAM	-9.5	21.89	PASS
Band40	10	39150	12	#Max	16QAM	-10.5	18.34	PASS
Band40	10	39150	12	#Max	16QAM	-19.5	11.42	PASS
Band40	10	39150	12	#Max	16QAM	5.025	12.02	PASS
Band40	10	39150	12	#Max	16QAM	6.5	19.15	PASS
Band40	10	39150	12	#Max	16QAM	10.5	23.71	PASS
Band40	10	39150	12	#Max	16QAM	17.46	11.71	PASS
Band40	10	39150	50	#0	16QAM	-5.015	20.60	PASS
Band40	10	39150	50	#0	16QAM	-6.5	20.20	PASS
Band40	10	39150	50	#0	16QAM	-10.5	20.15	PASS
Band40	10	39150	50	#0	16QAM	-19.5	11.42	PASS
Band40	10	39150	50	#0	16QAM	5.015	19.48	PASS
Band40	10	39150	50	#0	16QAM	6.5	19.06	PASS
Band40	10	39150	50	#0	16QAM	10.5	19.13	PASS
Band40	10	39150	50	#0	16QAM	15.5	11.83	PASS
Band40	10	39600	12	#0	QPSK	-5.025	11.62	PASS
Band40	10	39600	12	#0	QPSK	-6.5	19.87	PASS
Band40	10	39600	12	#0	QPSK	-10.5	23.68	PASS
Band40	10	39600	12	#0	QPSK	-19.5	11.62	PASS
Band40	10	39600	12	#0	QPSK	5.13	32.16	PASS
Band40	10	39600	12	#0	QPSK	9.5	18.39	PASS
Band40	10	39600	12	#0	QPSK	10.5	14.76	PASS
Band40	10	39600	12	#0	QPSK	18.63	13.22	PASS
Band40	10	39600	12	#Max	QPSK	-5.16	32.31	PASS
Band40	10	39600	12	#Max	QPSK	-9.5	19.34	PASS
Band40	10	39600	12	#Max	QPSK	-10.5	16.06	PASS
Band40	10	39600	12	#Max	QPSK	-19.5	12.10	PASS
Band40	10	39600	12	#Max	QPSK	5.015	12.80	PASS
Band40	10	39600	12	#Max	QPSK	6.5	19.04	PASS

Band40	10	39600	12	#Max	QPSK	10.5	23.79	PASS
Band40	10	39600	12	#Max	QPSK	17.28	12.39	PASS
Band40	10	39600	50	#0	QPSK	-5.055	21.55	PASS
Band40	10	39600	50	#0	QPSK	-6.5	22.04	PASS
Band40	10	39600	50	#0	QPSK	-10.5	21.91	PASS
Band40	10	39600	50	#0	QPSK	-19.5	11.73	PASS
Band40	10	39600	50	#0	QPSK	5.015	19.33	PASS
Band40	10	39600	50	#0	QPSK	6.5	20.72	PASS
Band40	10	39600	50	#0	QPSK	10.5	20.34	PASS
Band40	10	39600	50	#0	QPSK	15.57	12.68	PASS
Band40	10	39600	12	#0	16QAM	-5.015	13.77	PASS
Band40	10	39600	12	#0	16QAM	-6.5	21.40	PASS
Band40	10	39600	12	#0	16QAM	-10.5	24.00	PASS
Band40	10	39600	12	#0	16QAM	-19.5	11.73	PASS
Band40	10	39600	12	#0	16QAM	5.19	32.83	PASS
Band40	10	39600	12	#0	16QAM	9.5	19.84	PASS
Band40	10	39600	12	#0	16QAM	10.5	16.31	PASS
Band40	10	39600	12	#0	16QAM	19.5	13.13	PASS
Band40	10	39600	12	#Max	16QAM	-5.22	32.45	PASS
Band40	10	39600	12	#Max	16QAM	-9.5	20.88	PASS
Band40	10	39600	12	#Max	16QAM	-10.5	17.39	PASS
Band40	10	39600	12	#Max	16QAM	-19.5	11.91	PASS
Band40	10	39600	12	#Max	16QAM	5.015	14.18	PASS
Band40	10	39600	12	#Max	16QAM	6.5	21.12	PASS
Band40	10	39600	12	#Max	16QAM	10.5	24.14	PASS
Band40	10	39600	12	#Max	16QAM	15.84	12.62	PASS
Band40	10	39600	50	#0	16QAM	-5.015	19.71	PASS
Band40	10	39600	50	#0	16QAM	-6.5	22.50	PASS
Band40	10	39600	50	#0	16QAM	-10.5	21.90	PASS
Band40	10	39600	50	#0	16QAM	-19.5	11.63	PASS
Band40	10	39600	50	#0	16QAM	5.015	20.27	PASS
Band40	10	39600	50	#0	16QAM	6.5	22.05	PASS
Band40	10	39600	50	#0	16QAM	10.5	21.27	PASS
Band40	10	39600	50	#0	16QAM	15.5	12.65	PASS
Band40	20	38750	18	#0	QPSK	-10.05	14.78	PASS
Band40	20	38750	18	#0	QPSK	-11.5	17.76	PASS
Band40	20	38750	18	#0	QPSK	-19.71	23.37	PASS
Band40	20	38750	18	#0	QPSK	-33.48	13.48	PASS
Band40	20	38750	18	#0	QPSK	10.14	30.33	PASS
Band40	20	38750	18	#0	QPSK	11.5	27.42	PASS
Band40	20	38750	18	#0	QPSK	22.05	17.16	PASS
Band40	20	38750	18	#0	QPSK	34.2	13.27	PASS
Band40	20	38750	18	#Max	QPSK	-10.05	30.67	PASS

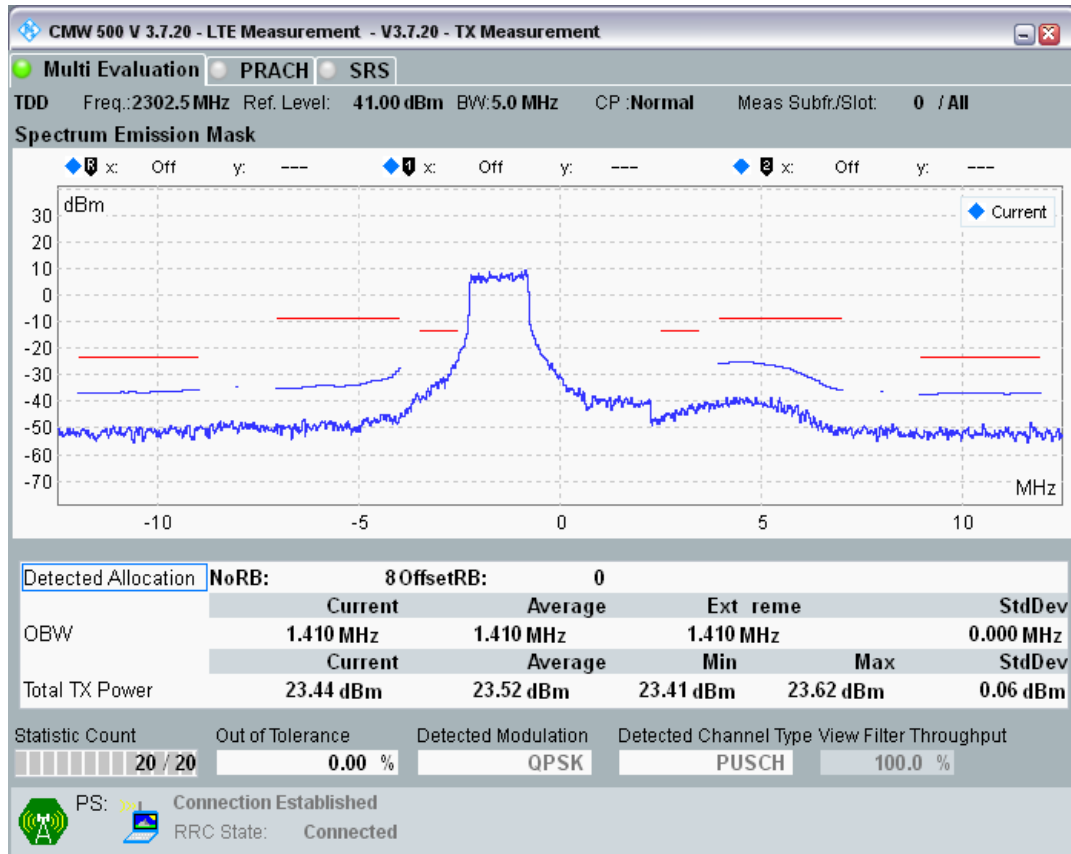
Band40	20	38750	18	#Max	QPSK	-12.78	27.33	PASS
Band40	20	38750	18	#Max	QPSK	-22.23	20.08	PASS
Band40	20	38750	18	#Max	QPSK	-33.3	13.68	PASS
Band40	20	38750	18	#Max	QPSK	10.015	15.38	PASS
Band40	20	38750	18	#Max	QPSK	11.5	19.51	PASS
Band40	20	38750	18	#Max	QPSK	16.92	24.00	PASS
Band40	20	38750	18	#Max	QPSK	32.76	12.61	PASS
Band40	20	38750	100	#0	QPSK	-10.035	23.73	PASS
Band40	20	38750	100	#0	QPSK	-11.5	22.38	PASS
Band40	20	38750	100	#0	QPSK	-15.5	20.48	PASS
Band40	20	38750	100	#0	QPSK	-31.59	13.33	PASS
Band40	20	38750	100	#0	QPSK	10.05	21.71	PASS
Band40	20	38750	100	#0	QPSK	11.5	20.67	PASS
Band40	20	38750	100	#0	QPSK	15.57	18.98	PASS
Band40	20	38750	100	#0	QPSK	30.5	12.84	PASS
Band40	20	38750	18	#0	16QAM	-10.245	15.91	PASS
Band40	20	38750	18	#0	16QAM	-11.5	18.80	PASS
Band40	20	38750	18	#0	16QAM	-19.62	23.47	PASS
Band40	20	38750	18	#0	16QAM	-34.02	13.48	PASS
Band40	20	38750	18	#0	16QAM	10.095	30.50	PASS
Band40	20	38750	18	#0	16QAM	11.7	27.41	PASS
Band40	20	38750	18	#0	16QAM	21.96	18.46	PASS
Band40	20	38750	18	#0	16QAM	32.13	13.27	PASS
Band40	20	38750	18	#Max	16QAM	-10.26	30.53	PASS
Band40	20	38750	18	#Max	16QAM	-14.5	27.34	PASS
Band40	20	38750	18	#Max	16QAM	-22.32	21.23	PASS
Band40	20	38750	18	#Max	16QAM	-31.41	13.69	PASS
Band40	20	38750	18	#Max	16QAM	10.035	17.67	PASS
Band40	20	38750	18	#Max	16QAM	11.5	20.50	PASS
Band40	20	38750	18	#Max	16QAM	15.5	24.04	PASS
Band40	20	38750	18	#Max	16QAM	33.66	12.78	PASS
Band40	20	38750	100	#0	16QAM	-10.015	22.75	PASS
Band40	20	38750	100	#0	16QAM	-11.5	22.41	PASS
Band40	20	38750	100	#0	16QAM	-15.5	20.34	PASS
Band40	20	38750	100	#0	16QAM	-30.5	13.14	PASS
Band40	20	38750	100	#0	16QAM	10.015	22.27	PASS
Band40	20	38750	100	#0	16QAM	11.5	21.69	PASS
Band40	20	38750	100	#0	16QAM	15.57	20.13	PASS
Band40	20	38750	100	#0	16QAM	30.5	12.77	PASS
Band40	20	39150	18	#0	QPSK	-10.155	14.92	PASS
Band40	20	39150	18	#0	QPSK	-11.5	18.33	PASS
Band40	20	39150	18	#0	QPSK	-19.71	22.94	PASS
Band40	20	39150	18	#0	QPSK	-32.49	13.04	PASS

Band40	20	39150	18	#0	QPSK	10.185	29.73	PASS
Band40	20	39150	18	#0	QPSK	11.5	27.03	PASS
Band40	20	39150	18	#0	QPSK	22.23	16.42	PASS
Band40	20	39150	18	#0	QPSK	31.95	13.57	PASS
Band40	20	39150	18	#Max	QPSK	-10.065	30.23	PASS
Band40	20	39150	18	#Max	QPSK	-13.95	27.02	PASS
Band40	20	39150	18	#Max	QPSK	-22.14	19.03	PASS
Band40	20	39150	18	#Max	QPSK	-30.5	13.38	PASS
Band40	20	39150	18	#Max	QPSK	10.065	13.43	PASS
Band40	20	39150	18	#Max	QPSK	11.5	16.44	PASS
Band40	20	39150	18	#Max	QPSK	15.5	23.23	PASS
Band40	20	39150	18	#Max	QPSK	32.67	13.01	PASS
Band40	20	39150	100	#0	QPSK	-10.015	23.29	PASS
Band40	20	39150	100	#0	QPSK	-11.5	21.91	PASS
Band40	20	39150	100	#0	QPSK	-15.5	20.31	PASS
Band40	20	39150	100	#0	QPSK	-30.5	12.78	PASS
Band40	20	39150	100	#0	QPSK	10.14	20.74	PASS
Band40	20	39150	100	#0	QPSK	11.61	18.87	PASS
Band40	20	39150	100	#0	QPSK	16.83	17.05	PASS
Band40	20	39150	100	#0	QPSK	33.12	13.24	PASS
Band40	20	39150	18	#0	16QAM	-10.125	17.61	PASS
Band40	20	39150	18	#0	16QAM	-11.5	19.96	PASS
Band40	20	39150	18	#0	16QAM	-19.71	23.11	PASS
Band40	20	39150	18	#0	16QAM	-33.3	13.07	PASS
Band40	20	39150	18	#0	16QAM	10.14	29.94	PASS
Band40	20	39150	18	#0	16QAM	11.5	27.12	PASS
Band40	20	39150	18	#0	16QAM	22.32	17.84	PASS
Band40	20	39150	18	#0	16QAM	31.68	13.56	PASS
Band40	20	39150	18	#Max	16QAM	-10.575	30.18	PASS
Band40	20	39150	18	#Max	16QAM	-14.5	26.96	PASS
Band40	20	39150	18	#Max	16QAM	-22.05	20.19	PASS
Band40	20	39150	18	#Max	16QAM	-30.5	13.36	PASS
Band40	20	39150	18	#Max	16QAM	10.05	14.48	PASS
Band40	20	39150	18	#Max	16QAM	11.5	18.86	PASS
Band40	20	39150	18	#Max	16QAM	15.5	23.43	PASS
Band40	20	39150	18	#Max	16QAM	34.29	13.14	PASS
Band40	20	39150	100	#0	16QAM	-10.065	23.69	PASS
Band40	20	39150	100	#0	16QAM	-11.7	22.66	PASS
Band40	20	39150	100	#0	16QAM	-15.5	20.69	PASS
Band40	20	39150	100	#0	16QAM	-30.69	12.81	PASS
Band40	20	39150	100	#0	16QAM	10.015	22.03	PASS
Band40	20	39150	100	#0	16QAM	11.5	20.70	PASS
Band40	20	39150	100	#0	16QAM	15.66	18.54	PASS

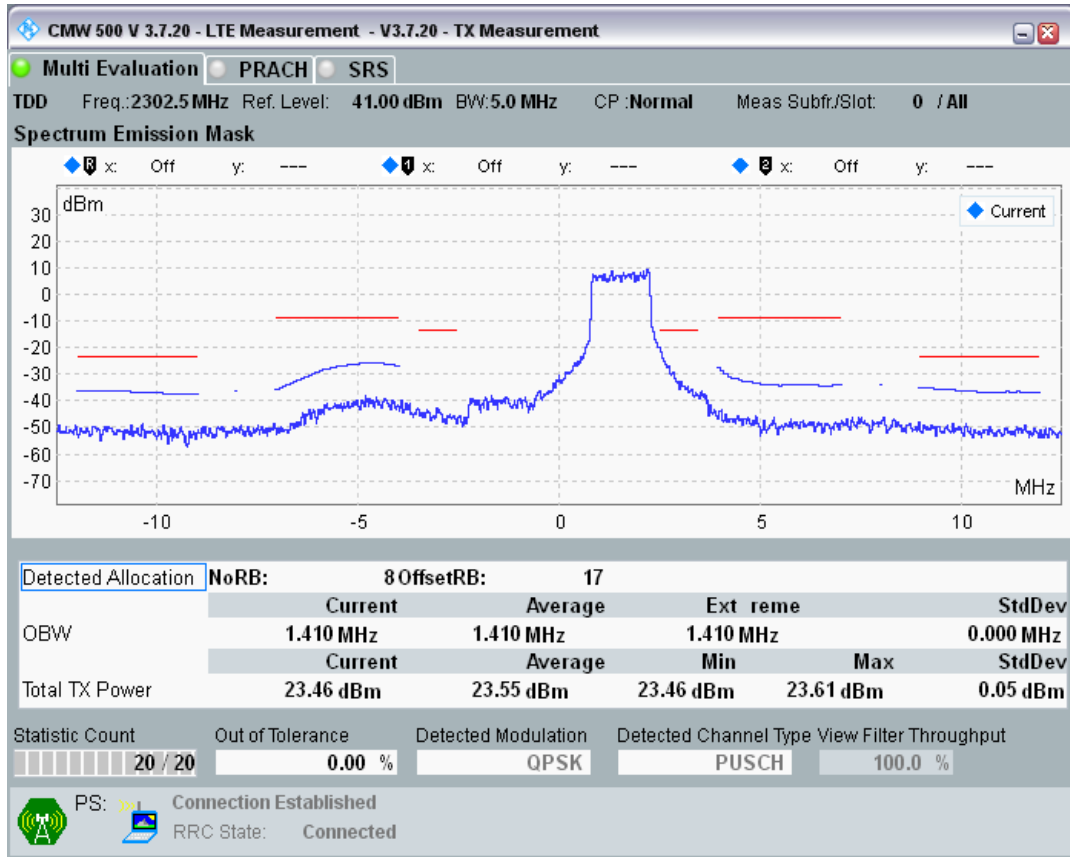
Band40	20	39150	100	#0	16QAM	31.41	13.19	PASS
Band40	20	39550	18	#0	QPSK	-10.015	16.44	PASS
Band40	20	39550	18	#0	QPSK	-11.5	20.21	PASS
Band40	20	39550	18	#0	QPSK	-19.71	23.17	PASS
Band40	20	39550	18	#0	QPSK	-32.85	12.78	PASS
Band40	20	39550	18	#0	QPSK	10.935	30.98	PASS
Band40	20	39550	18	#0	QPSK	11.5	27.76	PASS
Band40	20	39550	18	#0	QPSK	22.23	18.73	PASS
Band40	20	39550	18	#0	QPSK	33.75	13.44	PASS
Band40	20	39550	18	#Max	QPSK	-10.035	30.23	PASS
Band40	20	39550	18	#Max	QPSK	-12.78	27.17	PASS
Band40	20	39550	18	#Max	QPSK	-22.05	16.62	PASS
Band40	20	39550	18	#Max	QPSK	-30.5	13.09	PASS
Band40	20	39550	18	#Max	QPSK	10.095	16.92	PASS
Band40	20	39550	18	#Max	QPSK	11.5	20.05	PASS
Band40	20	39550	18	#Max	QPSK	15.5	23.86	PASS
Band40	20	39550	18	#Max	QPSK	32.31	13.31	PASS
Band40	20	39550	100	#0	QPSK	-10.05	22.92	PASS
Band40	20	39550	100	#0	QPSK	-11.5	23.69	PASS
Band40	20	39550	100	#0	QPSK	-16.56	21.43	PASS
Band40	20	39550	100	#0	QPSK	-30.69	12.46	PASS
Band40	20	39550	100	#0	QPSK	10.08	25.01	PASS
Band40	20	39550	100	#0	QPSK	11.5	22.87	PASS
Band40	20	39550	100	#0	QPSK	15.5	21.05	PASS
Band40	20	39550	100	#0	QPSK	30.5	13.33	PASS
Band40	20	39550	18	#0	16QAM	-10.015	16.45	PASS
Band40	20	39550	18	#0	16QAM	-11.5	20.81	PASS
Band40	20	39550	18	#0	16QAM	-15.5	23.36	PASS
Band40	20	39550	18	#0	16QAM	-33.12	12.85	PASS
Band40	20	39550	18	#0	16QAM	10.905	30.92	PASS
Band40	20	39550	18	#0	16QAM	12.15	27.71	PASS
Band40	20	39550	18	#0	16QAM	22.23	20.21	PASS
Band40	20	39550	18	#0	16QAM	34.2	13.40	PASS
Band40	20	39550	18	#Max	16QAM	-10.17	30.44	PASS
Band40	20	39550	18	#Max	16QAM	-12.51	27.29	PASS
Band40	20	39550	18	#Max	16QAM	-21.96	18.03	PASS
Band40	20	39550	18	#Max	16QAM	-33.21	13.02	PASS
Band40	20	39550	18	#Max	16QAM	10.015	18.72	PASS
Band40	20	39550	18	#Max	16QAM	11.5	21.62	PASS
Band40	20	39550	18	#Max	16QAM	15.57	23.86	PASS
Band40	20	39550	18	#Max	16QAM	31.14	13.31	PASS
Band40	20	39550	100	#0	16QAM	-10.05	23.77	PASS
Band40	20	39550	100	#0	16QAM	-11.5	23.93	PASS

Band40	20	39550	100	#0	16QAM	-15.5	21.20	PASS
Band40	20	39550	100	#0	16QAM	-30.5	12.42	PASS
Band40	20	39550	100	#0	16QAM	10.095	24.13	PASS
Band40	20	39550	100	#0	16QAM	11.5	23.94	PASS
Band40	20	39550	100	#0	16QAM	15.75	21.61	PASS
Band40	20	39550	100	#0	16QAM	34.29	13.28	PASS

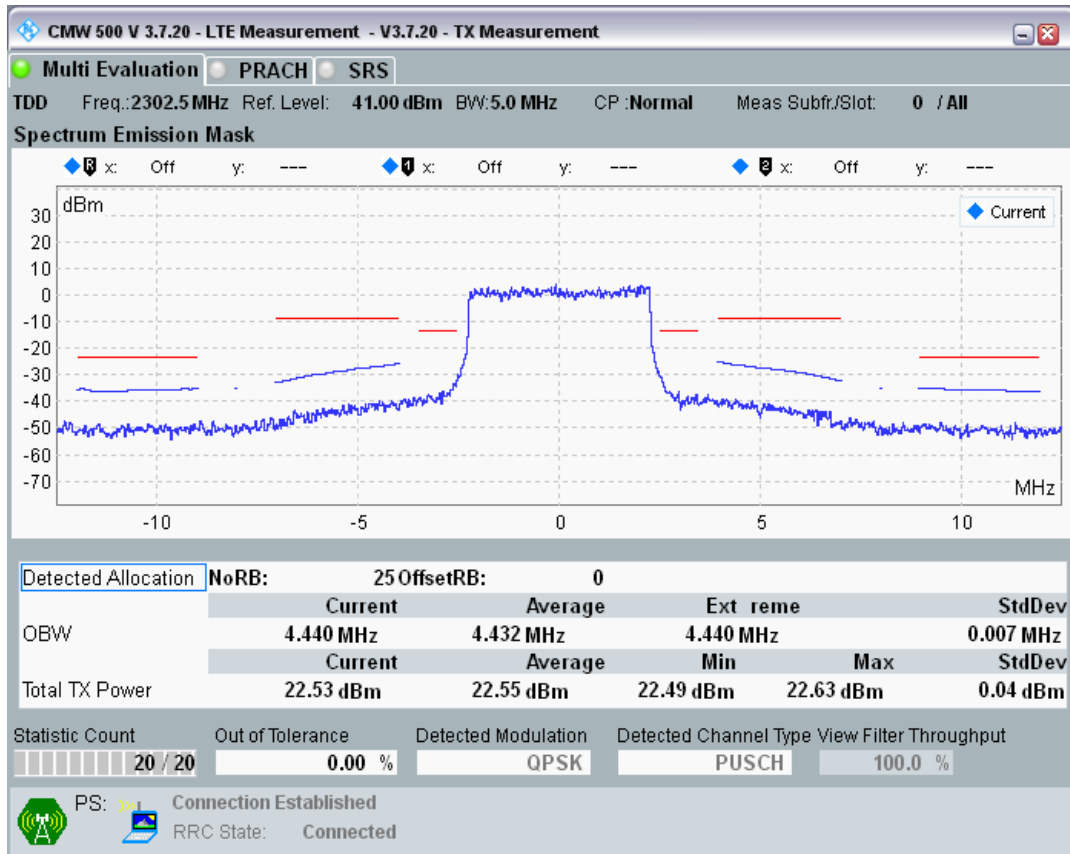
Band40 QPSK BW=5MHz Channel=38675 RB Size=8 Position=#0



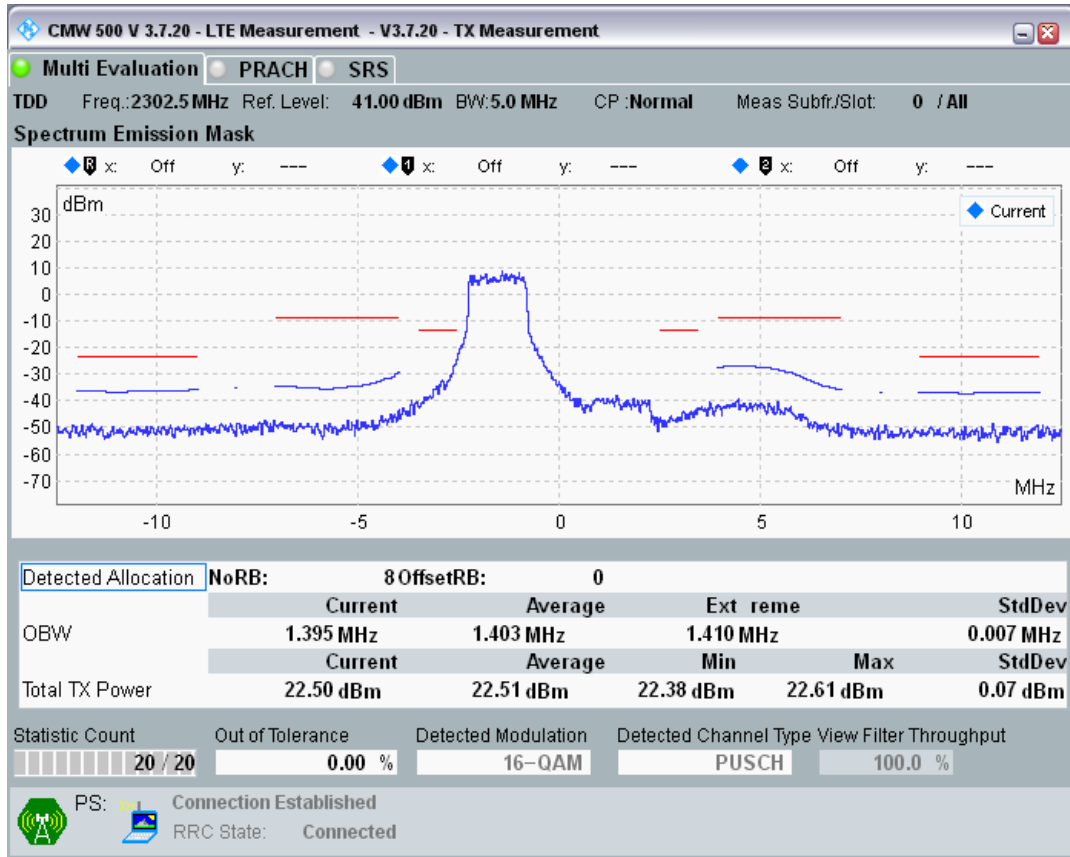
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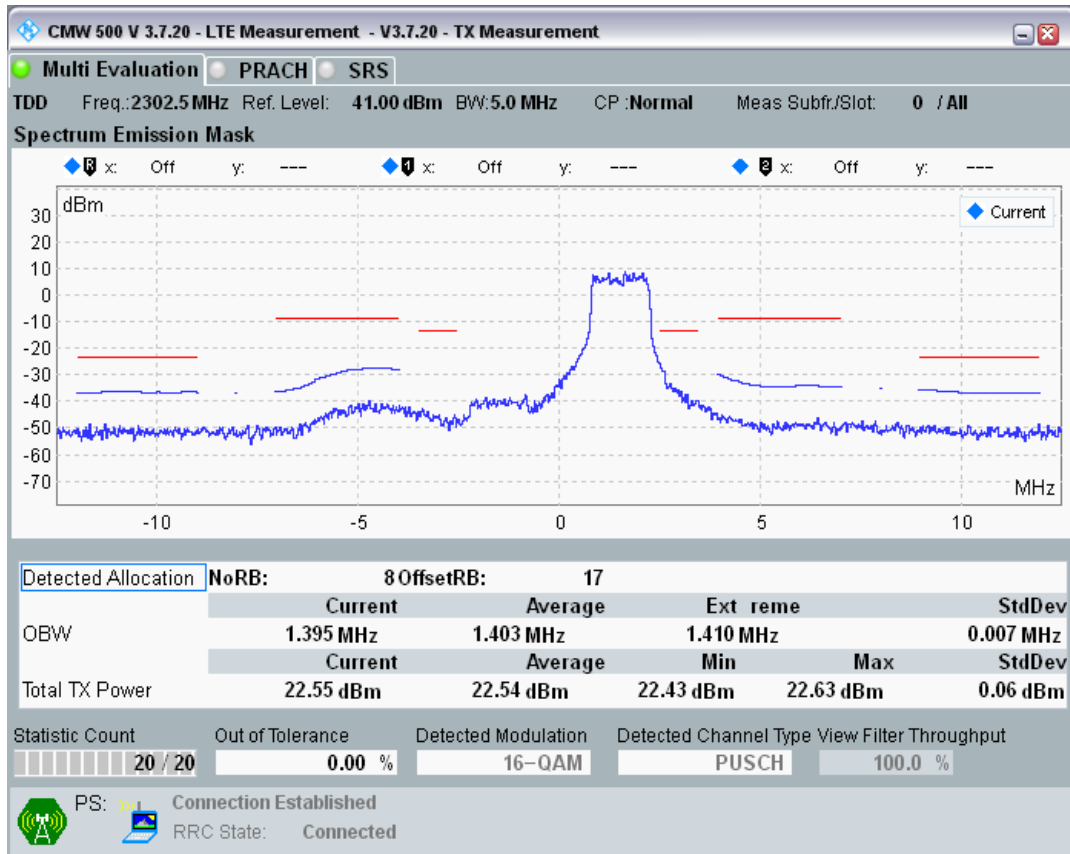
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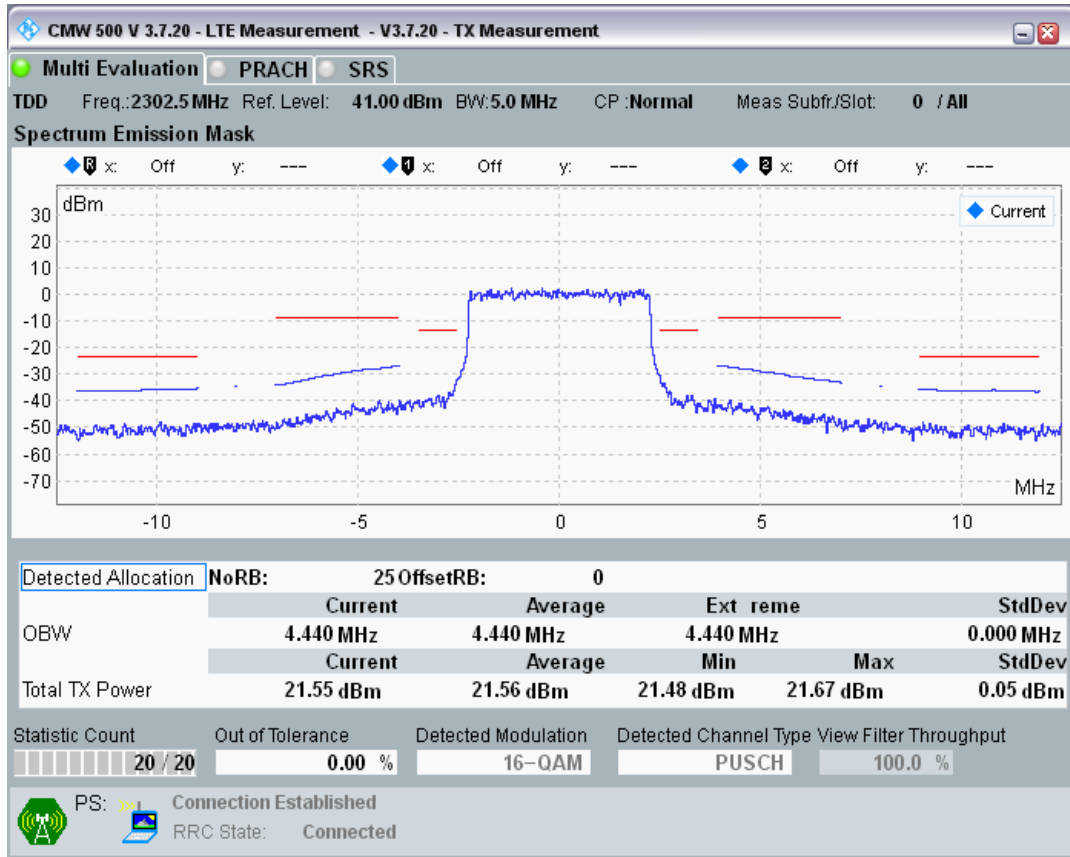
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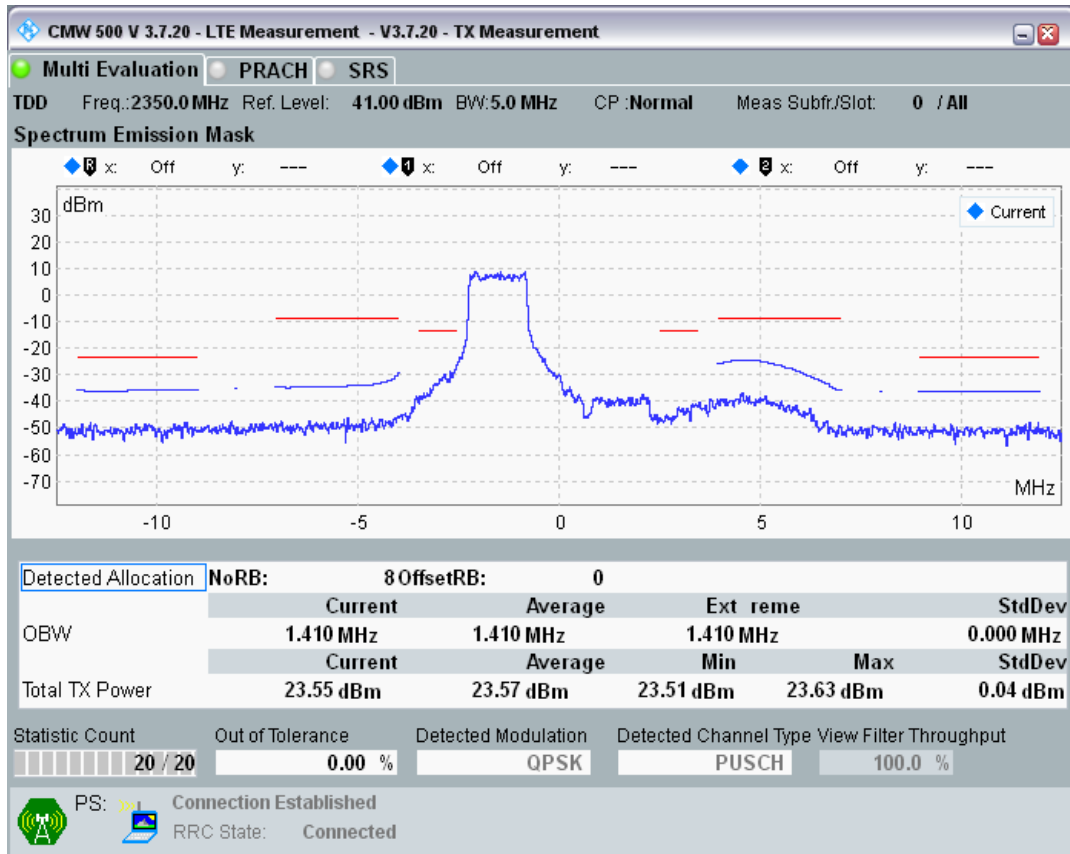
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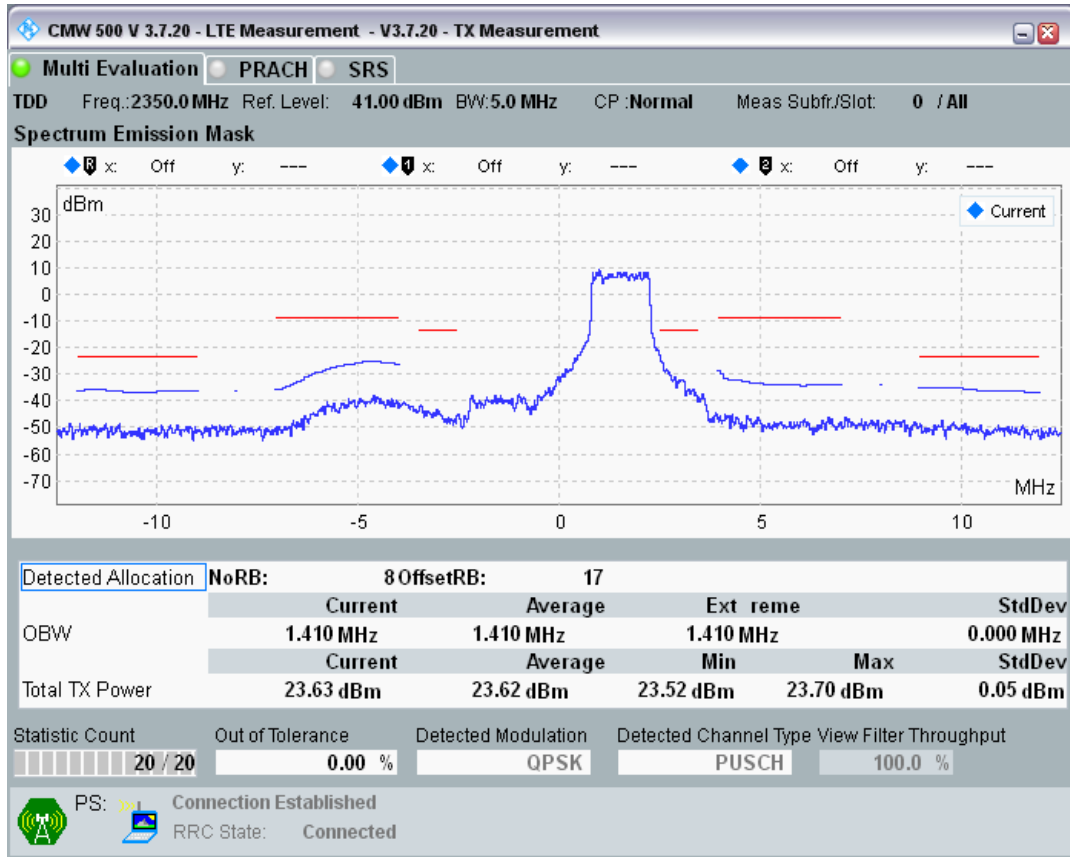
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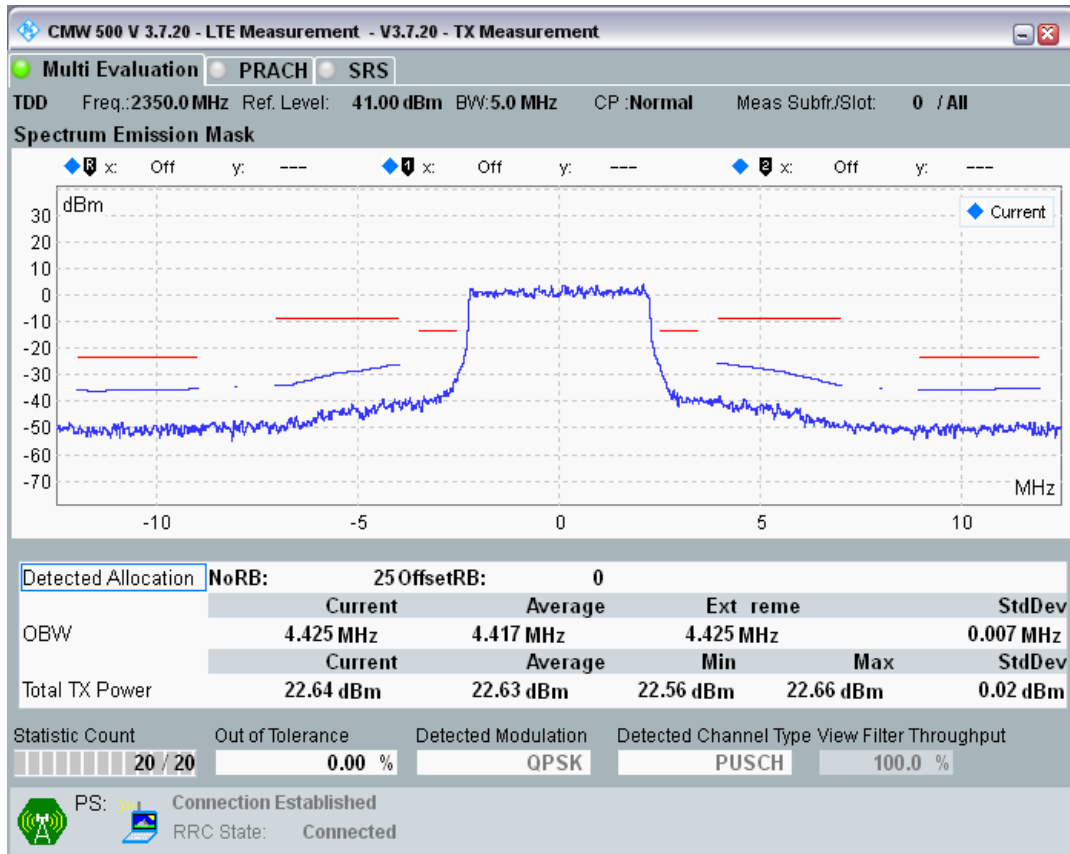
Band40 QPSK BW=5MHz Channel=39150 RB Size=8 Position=#0



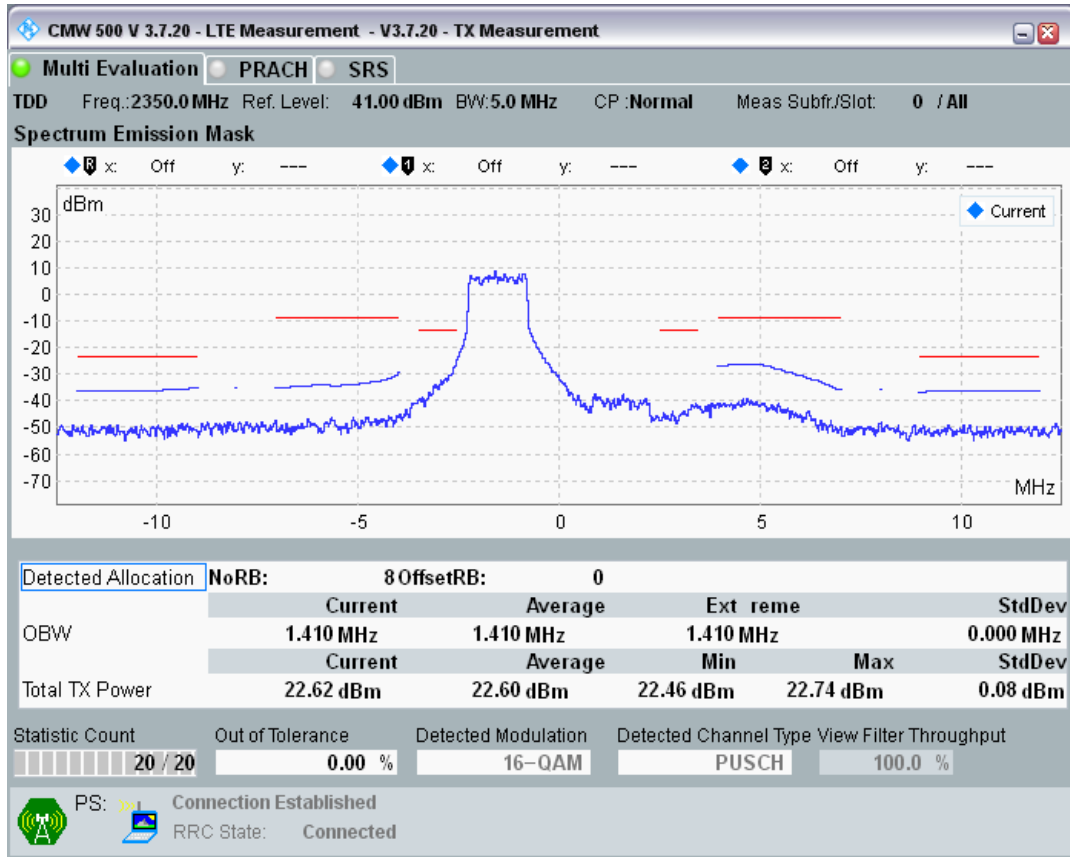
Band40 QPSK BW=5MHz Channel=39150 RB Size=8 Position=#Max



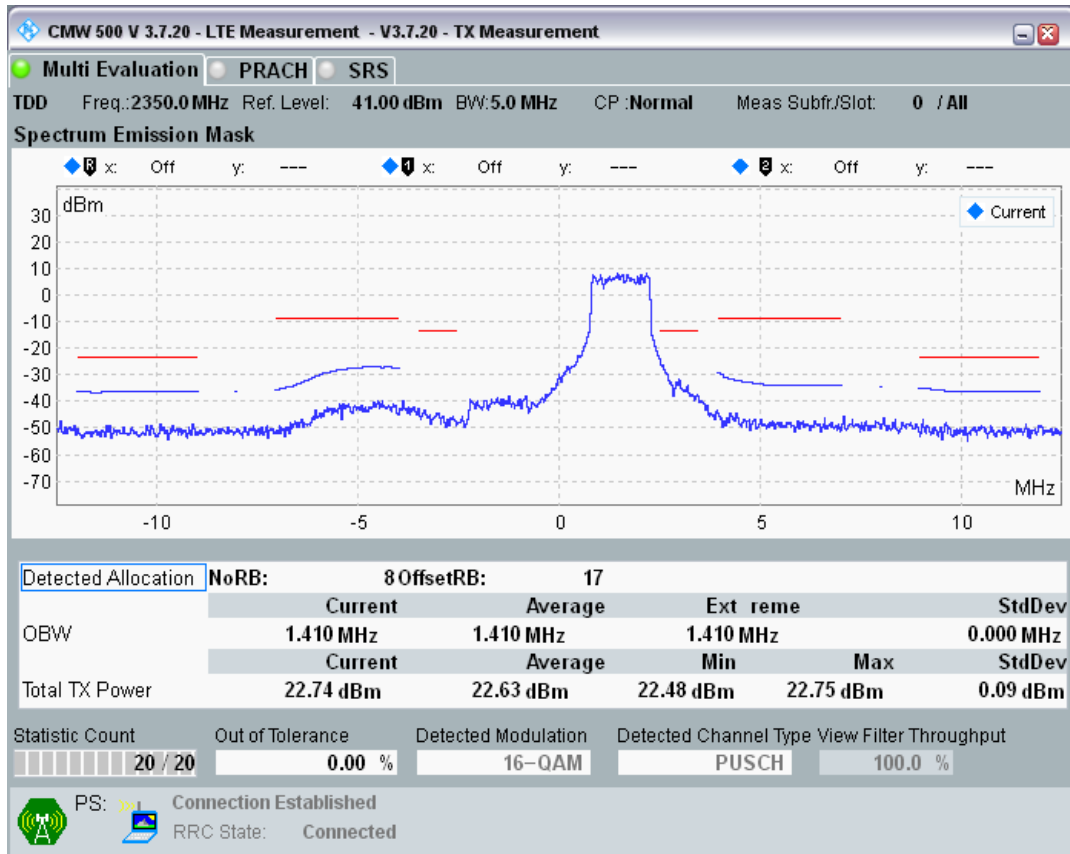
Band40 QPSK BW=5MHz Channel=39150 RB Size=25 Position=#0



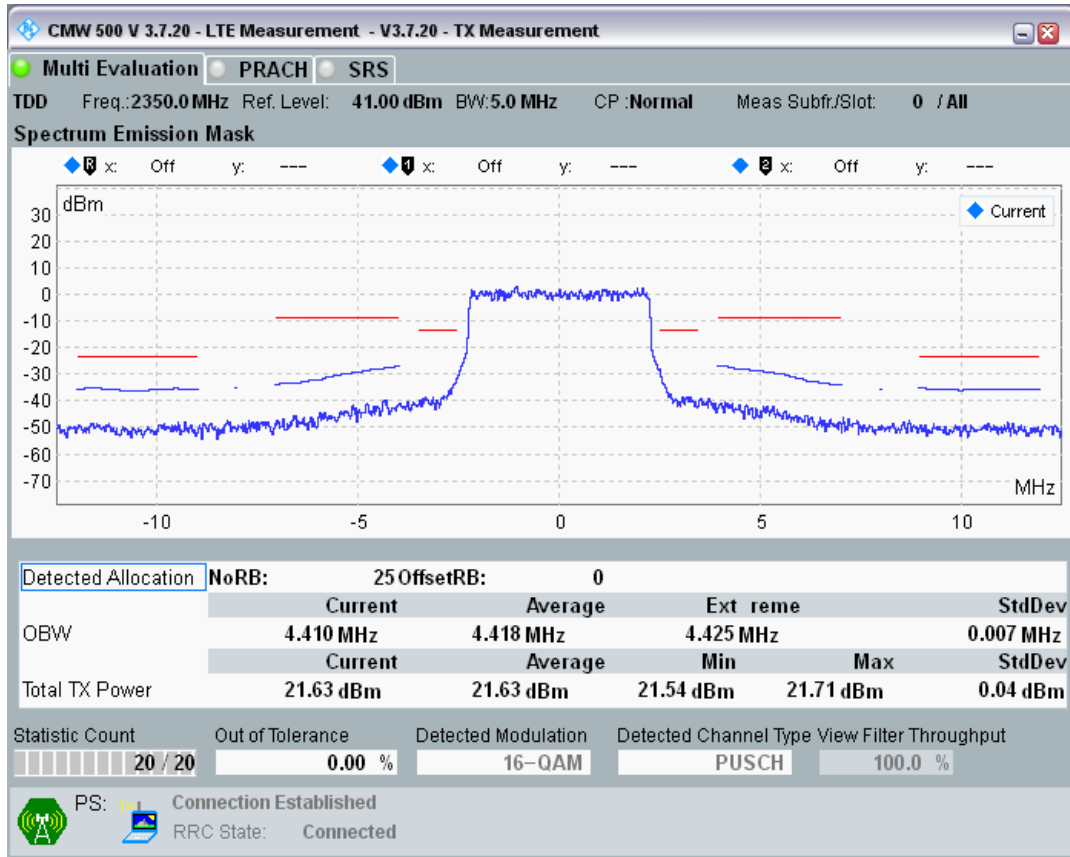
Band40 16QAM BW=5MHz Channel=39150 RB Size=8 Position=#0



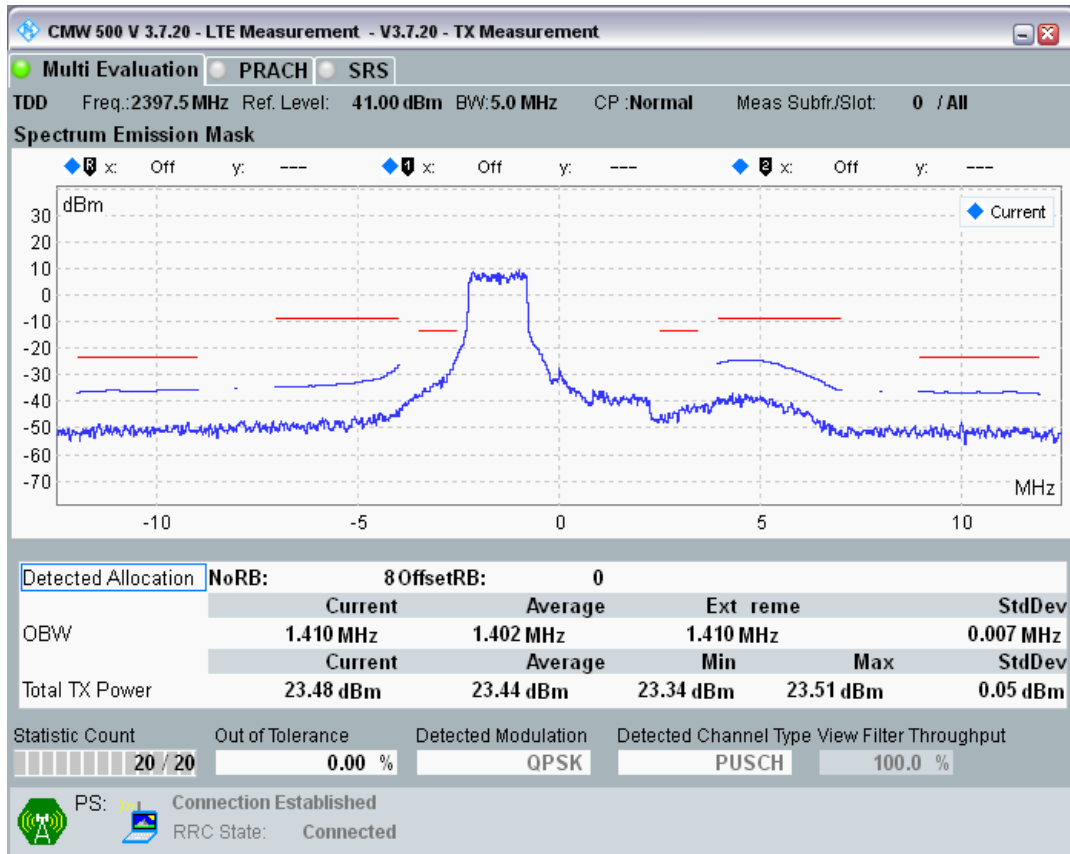
Band40 16QAM BW=5MHz Channel=39150 RB Size=8 Position=#Max



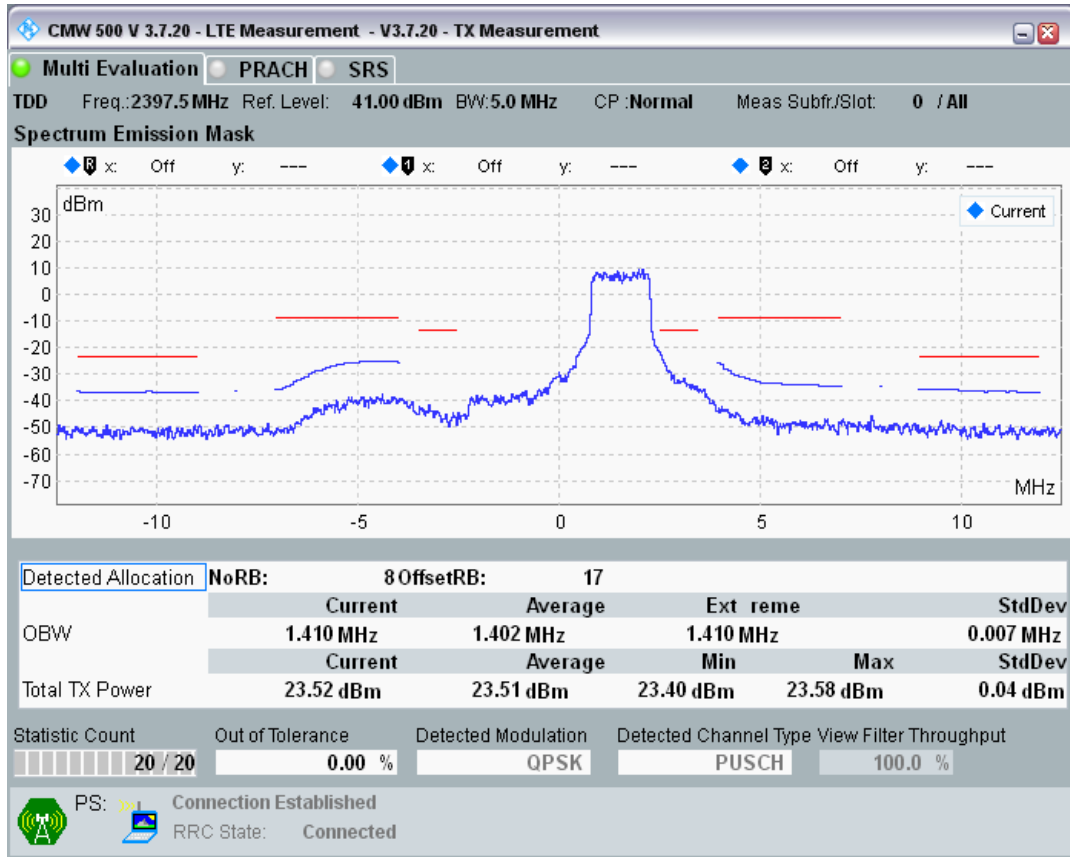
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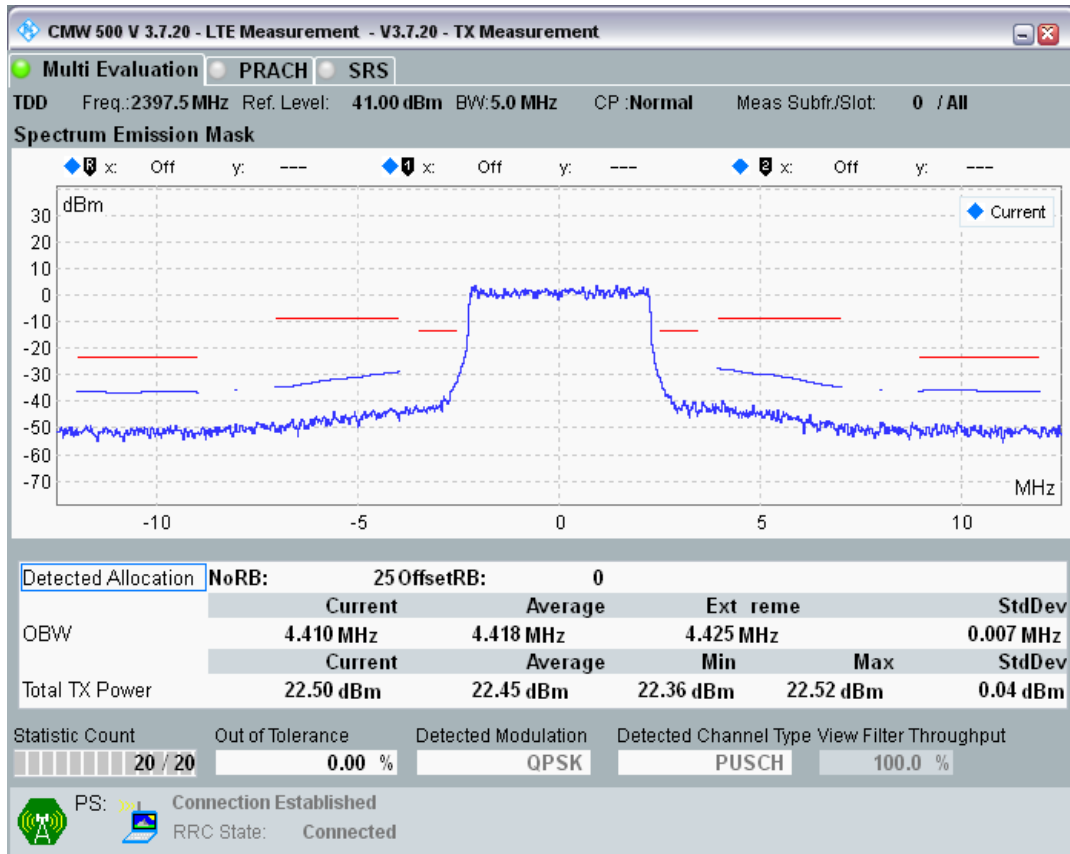
Band40 QPSK BW=5MHz Channel=39625 RB Size=8 Position=#0



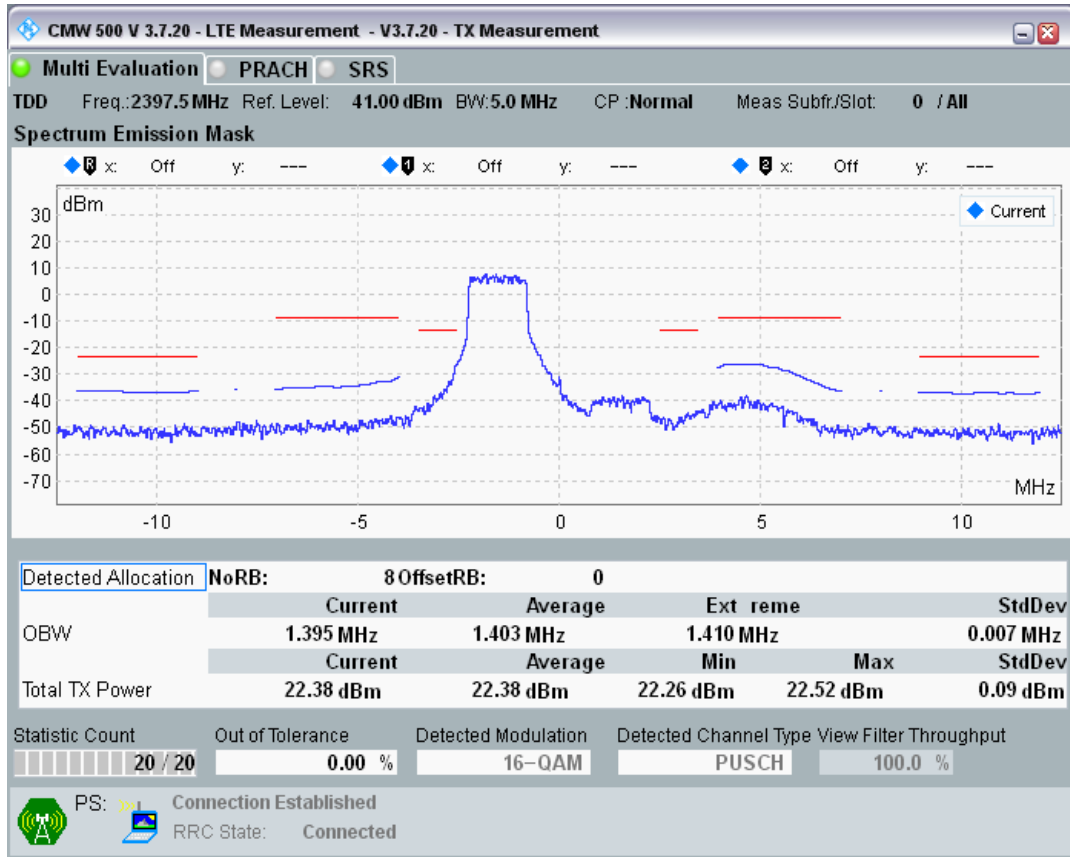
Band40 QPSK BW=5MHz Channel=39625 RB Size=8 Position=#Max



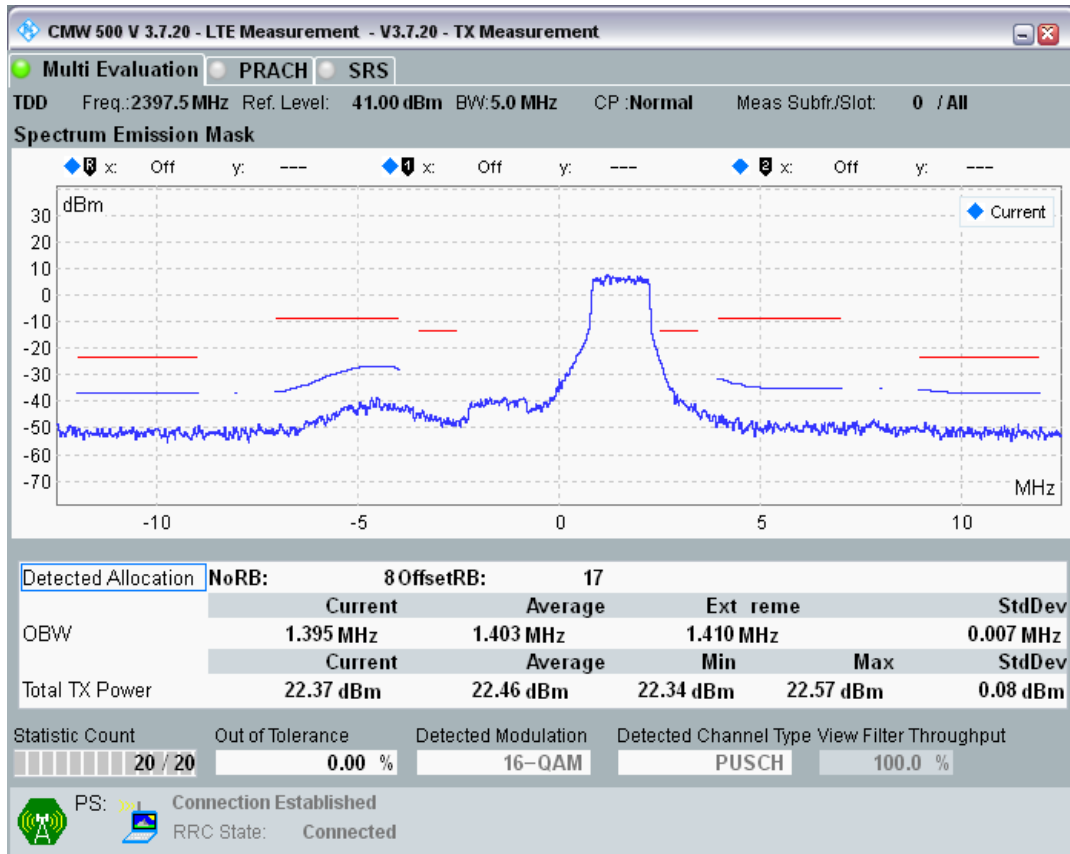
Band40 QPSK BW=5MHz Channel=39625 RB Size=25 Position=#0



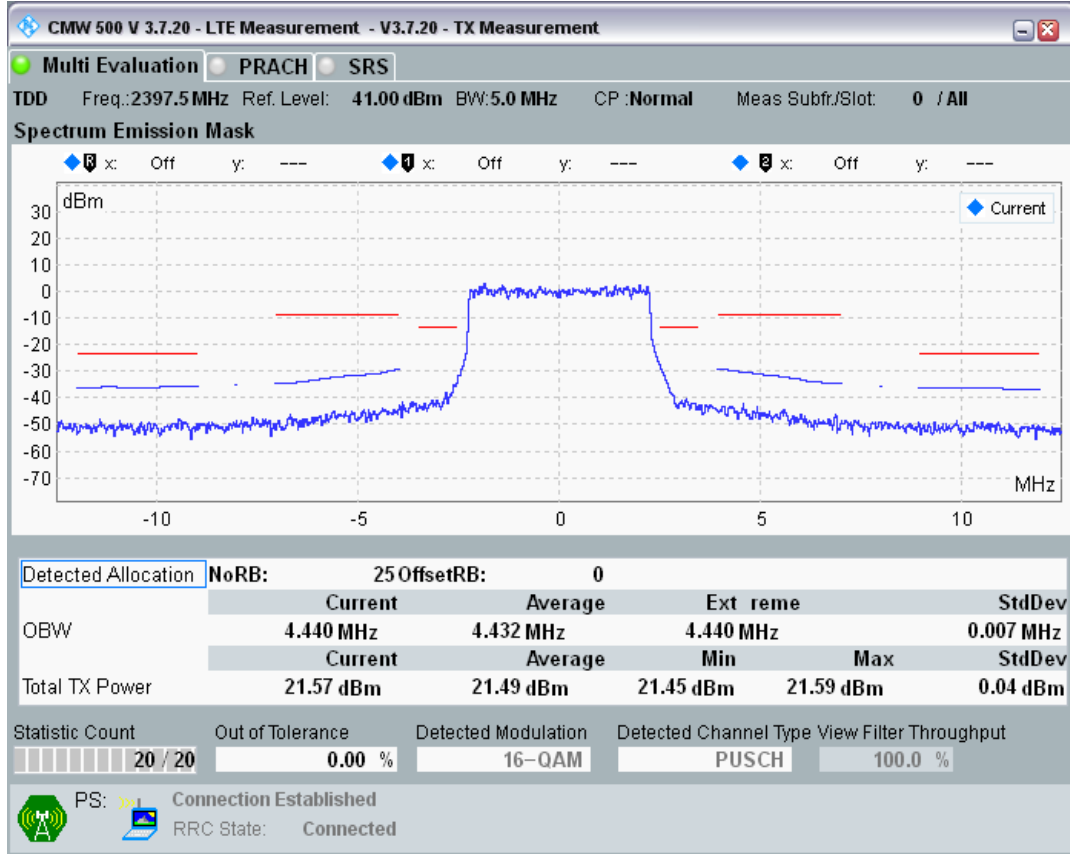
Band40 16QAM BW=5MHz Channel=39625 RB Size=8 Position=#0



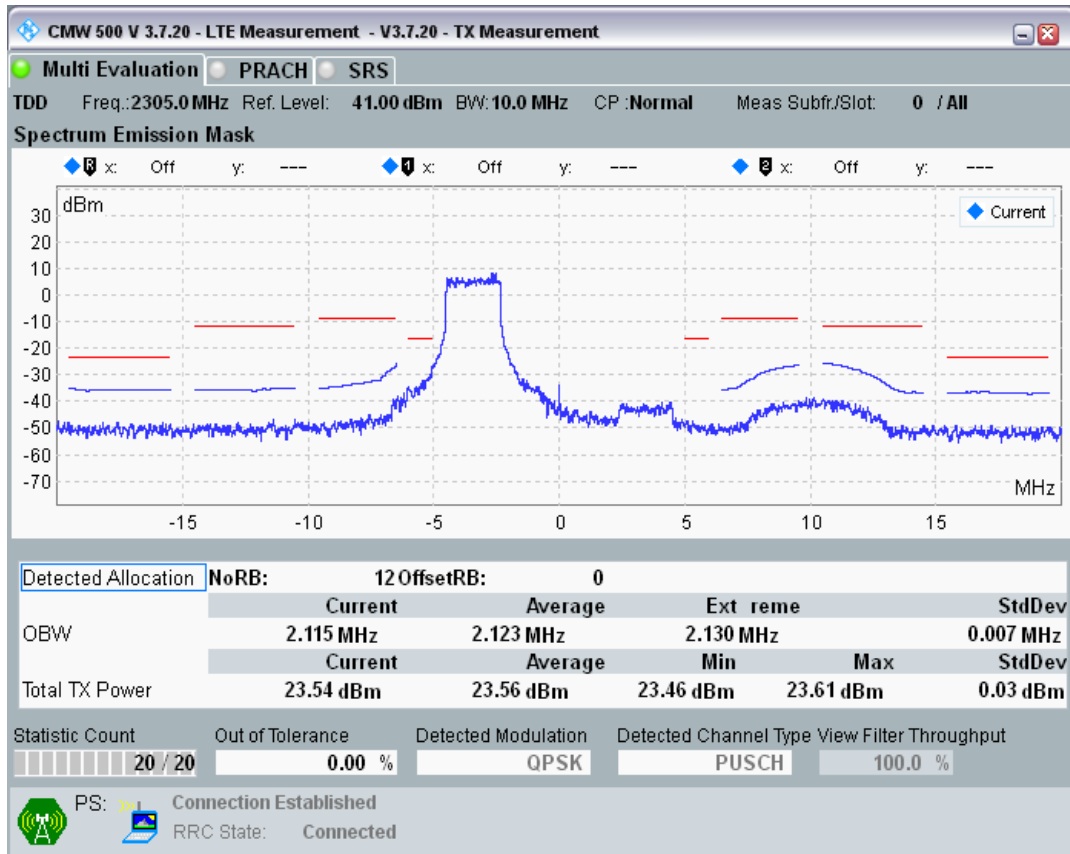
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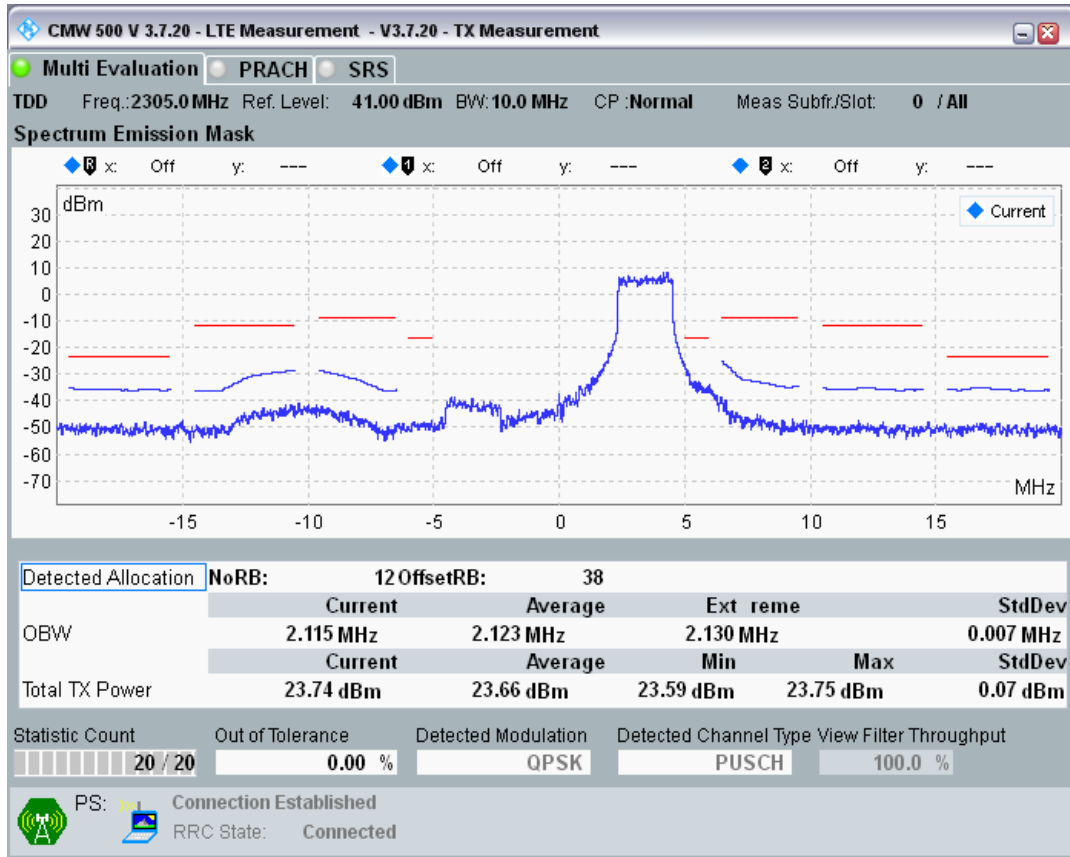
Band40 16QAM BW=5MHz Channel=39625 RB Size=25 Position=#0



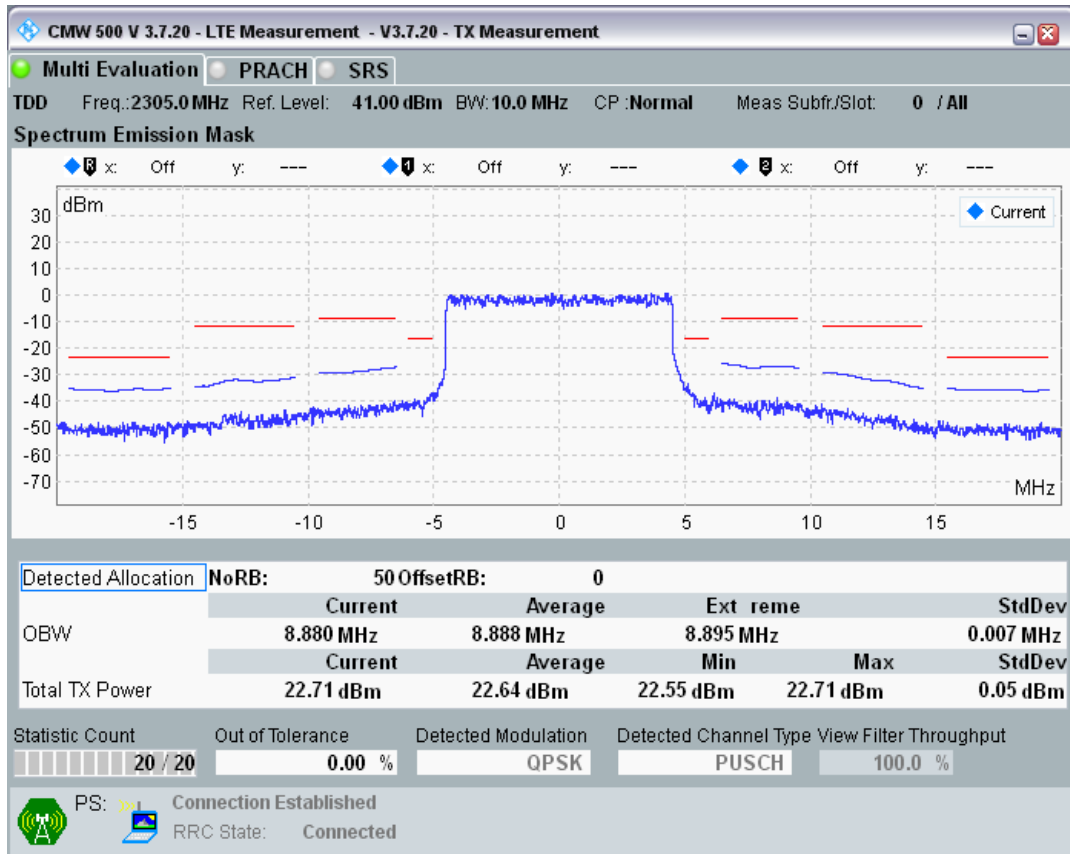
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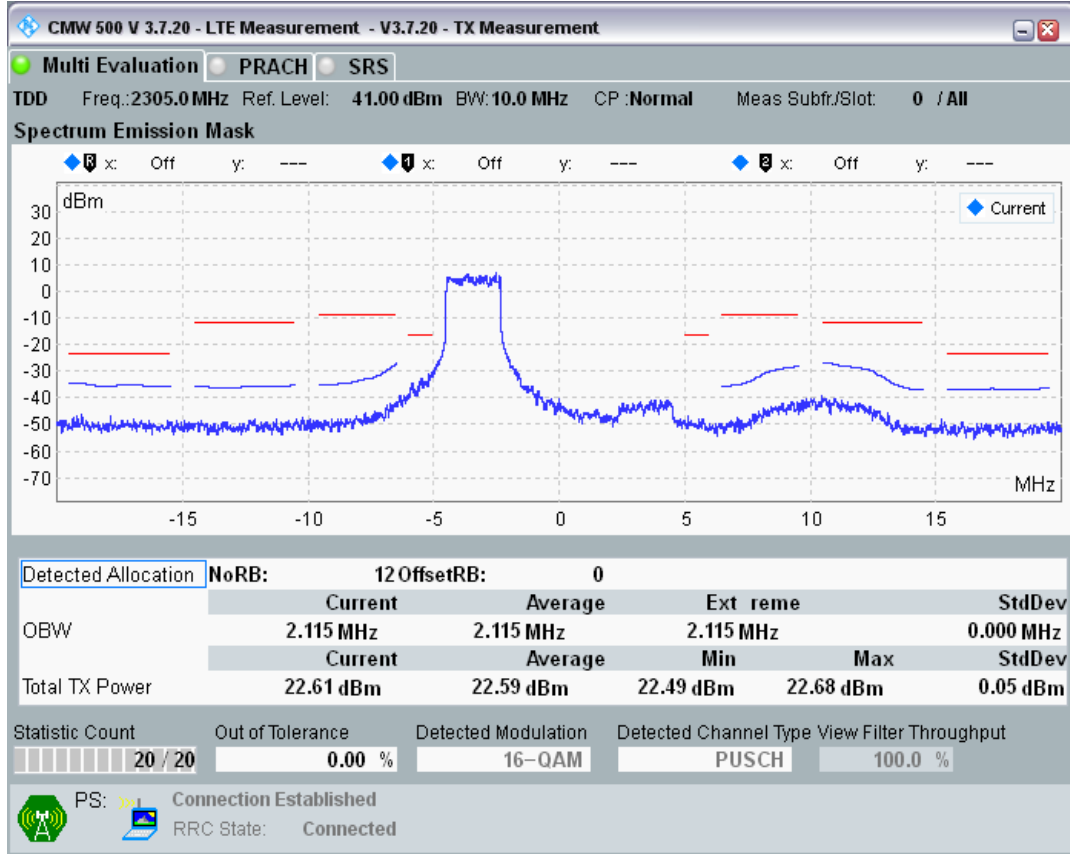
Band40 QPSK BW=10MHz Channel=38700 RB Size=12 Position=#Max



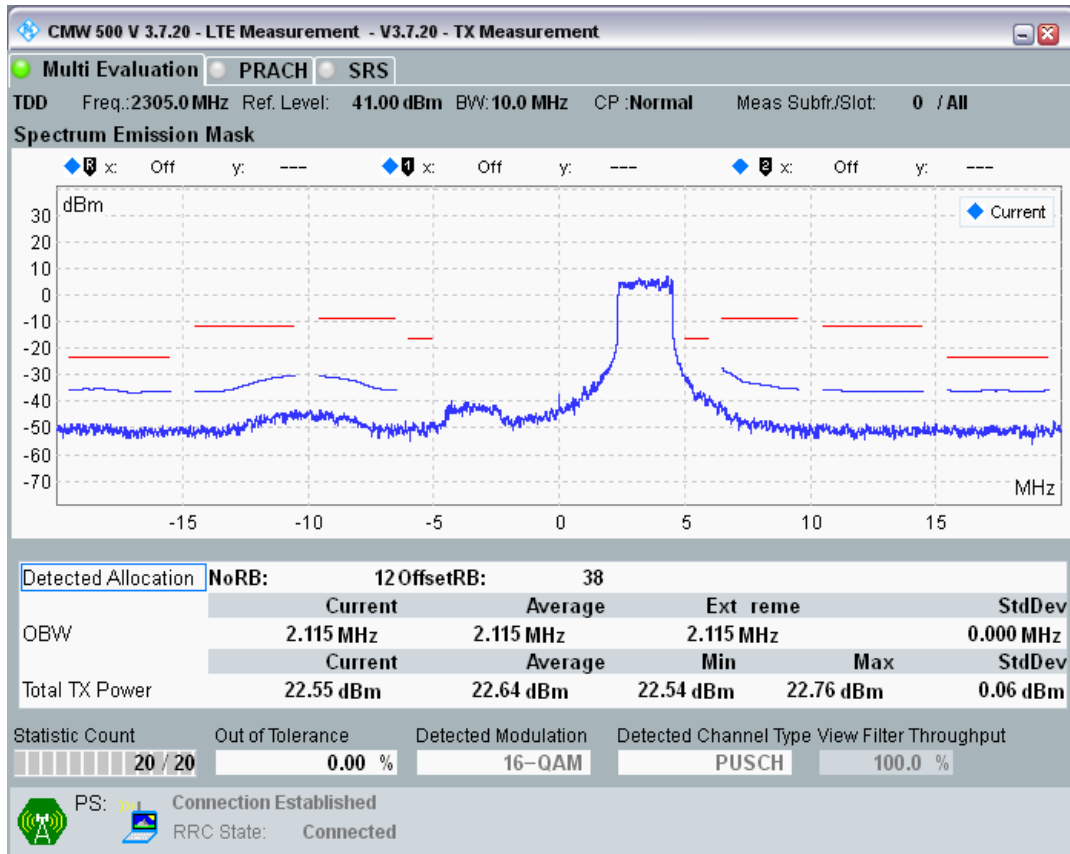
Band40 QPSK BW=10MHz Channel=38700 RB Size=50 Position=#0



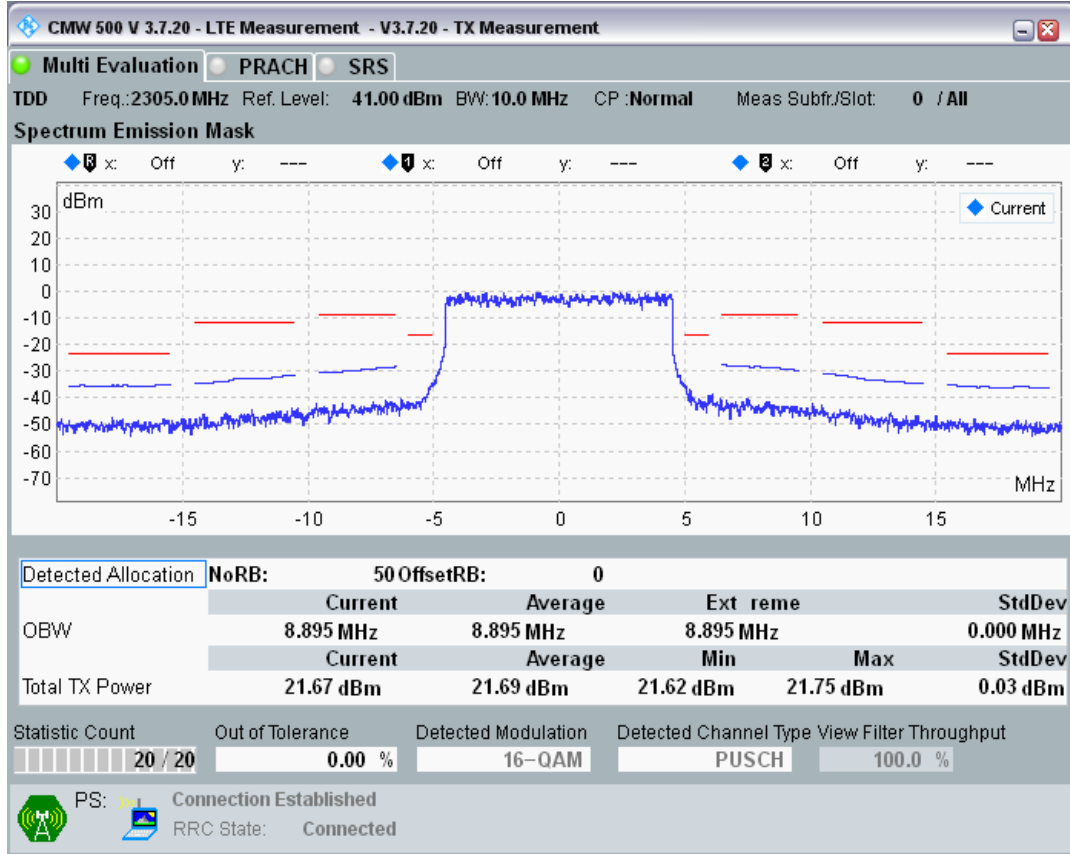
Band40 16QAM BW=10MHz Channel=38700 RB Size=12 Position=#0



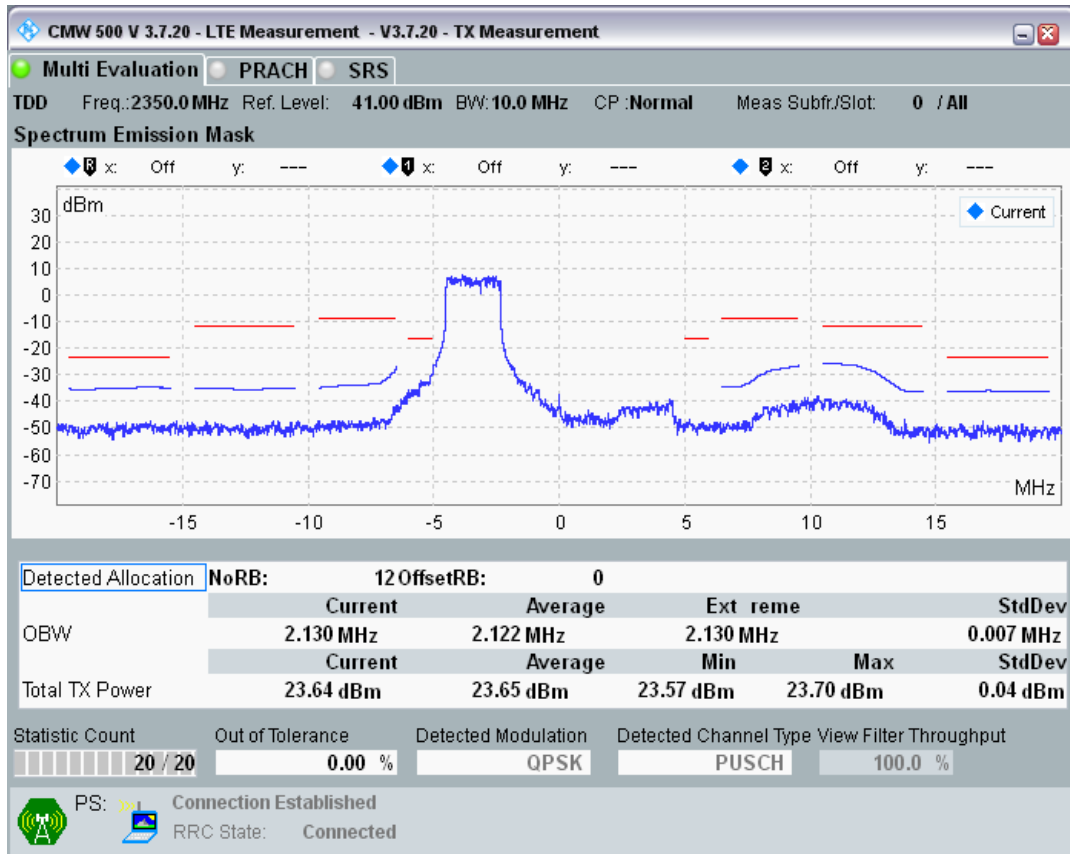
Band40 16QAM BW=10MHz Channel=38700 RB Size=12 Position=#Max



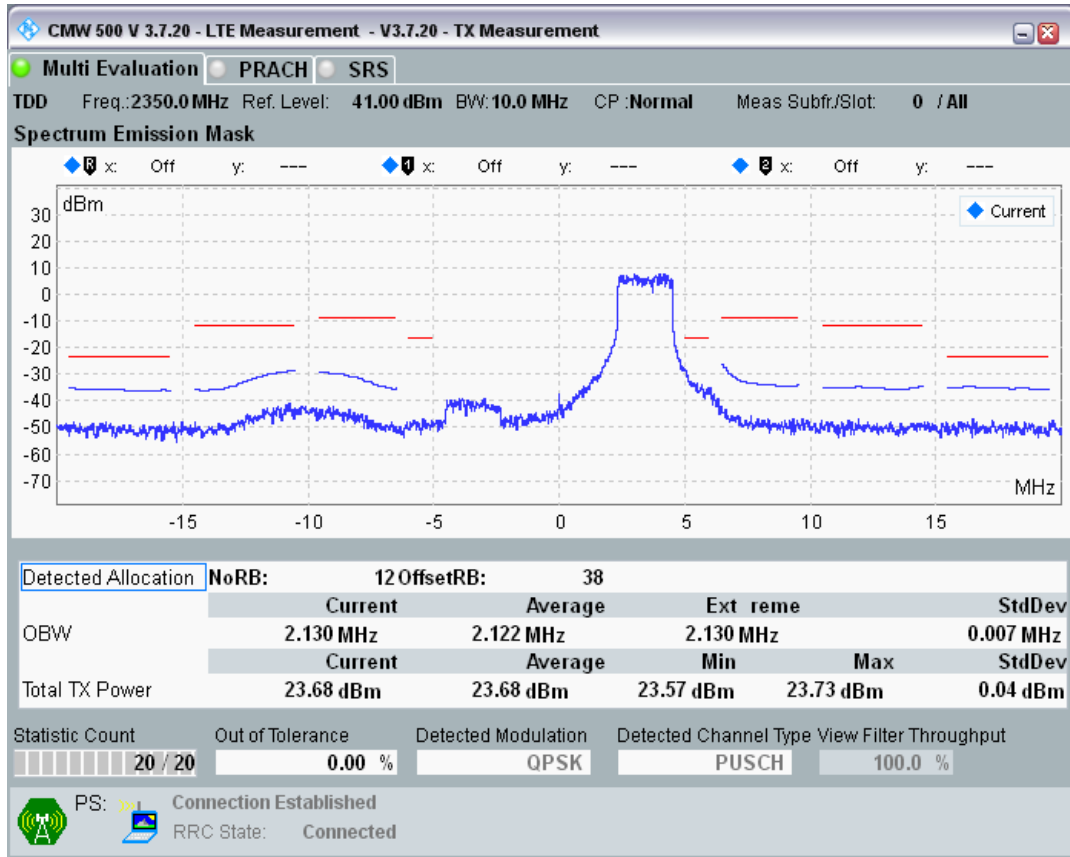
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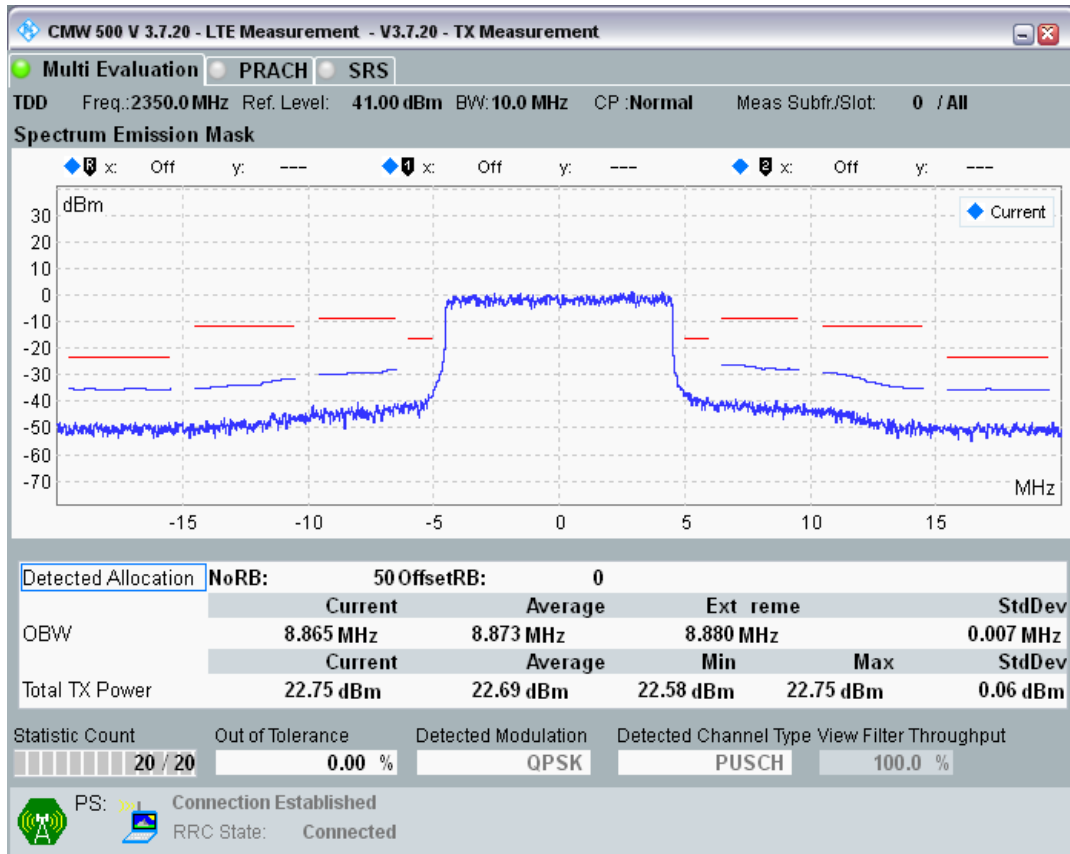
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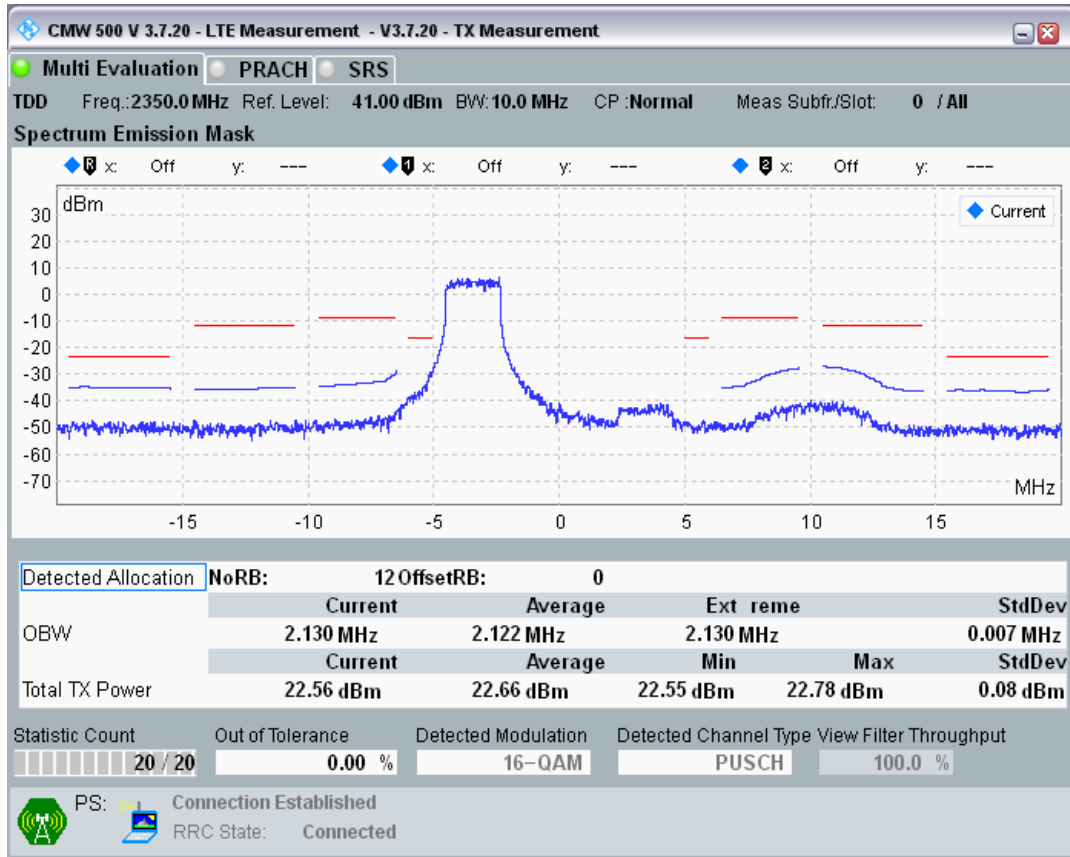
Band40 QPSK BW=10MHz Channel=39150 RB Size=12 Position=#Max



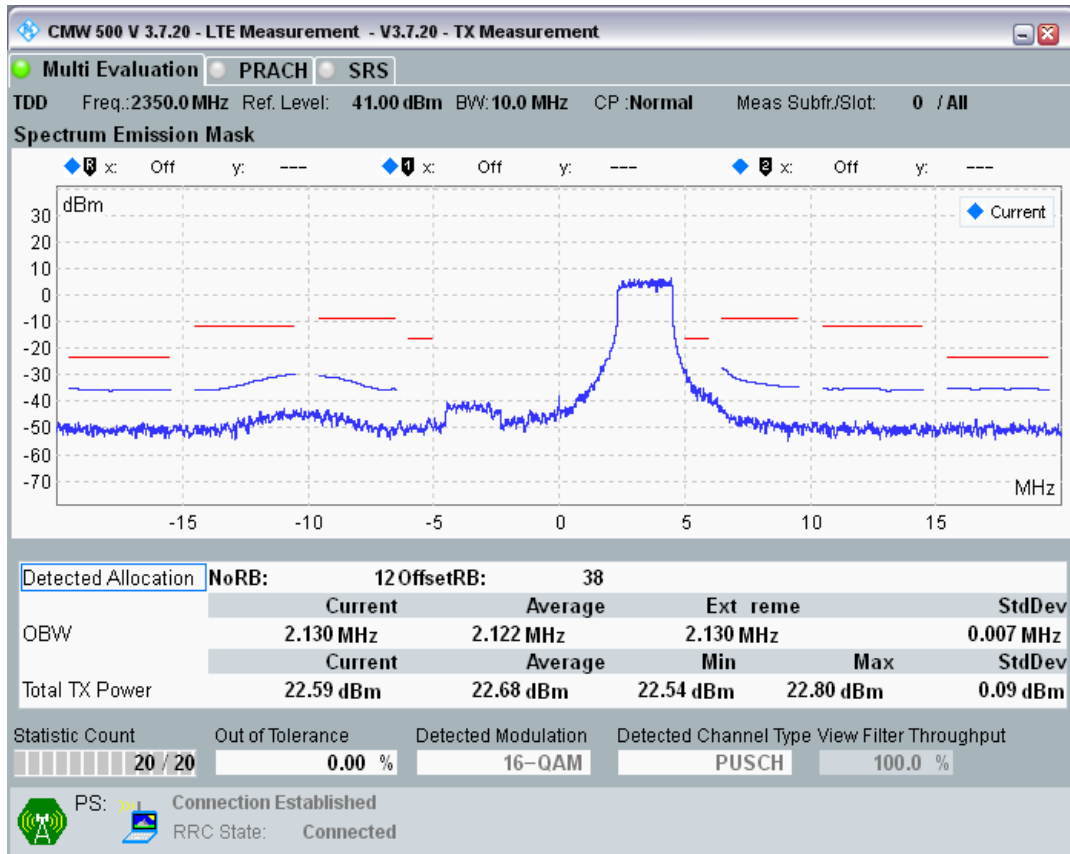
Band40 QPSK BW=10MHz Channel=39150 RB Size=50 Position=#0



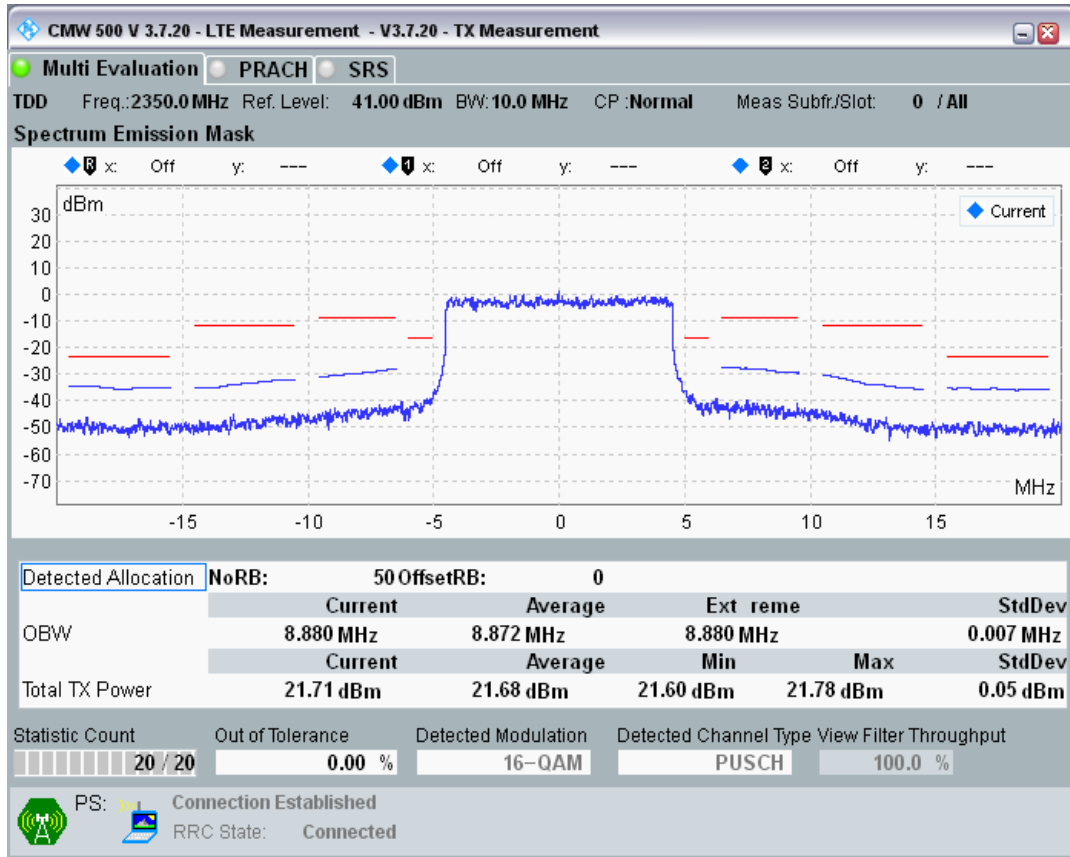
Band40 16QAM BW=10MHz Channel=39150 RB Size=12 Position=#0



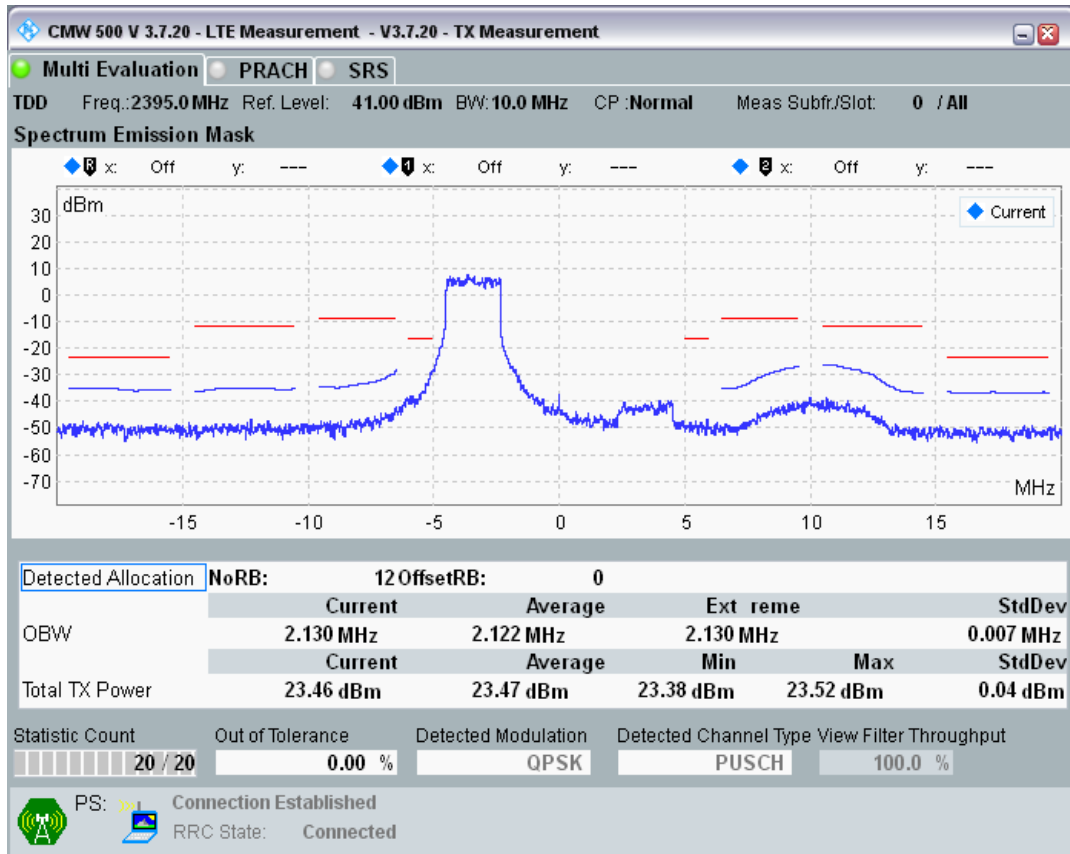
Band40 16QAM BW=10MHz Channel=39150 RB Size=12 Position=#Max



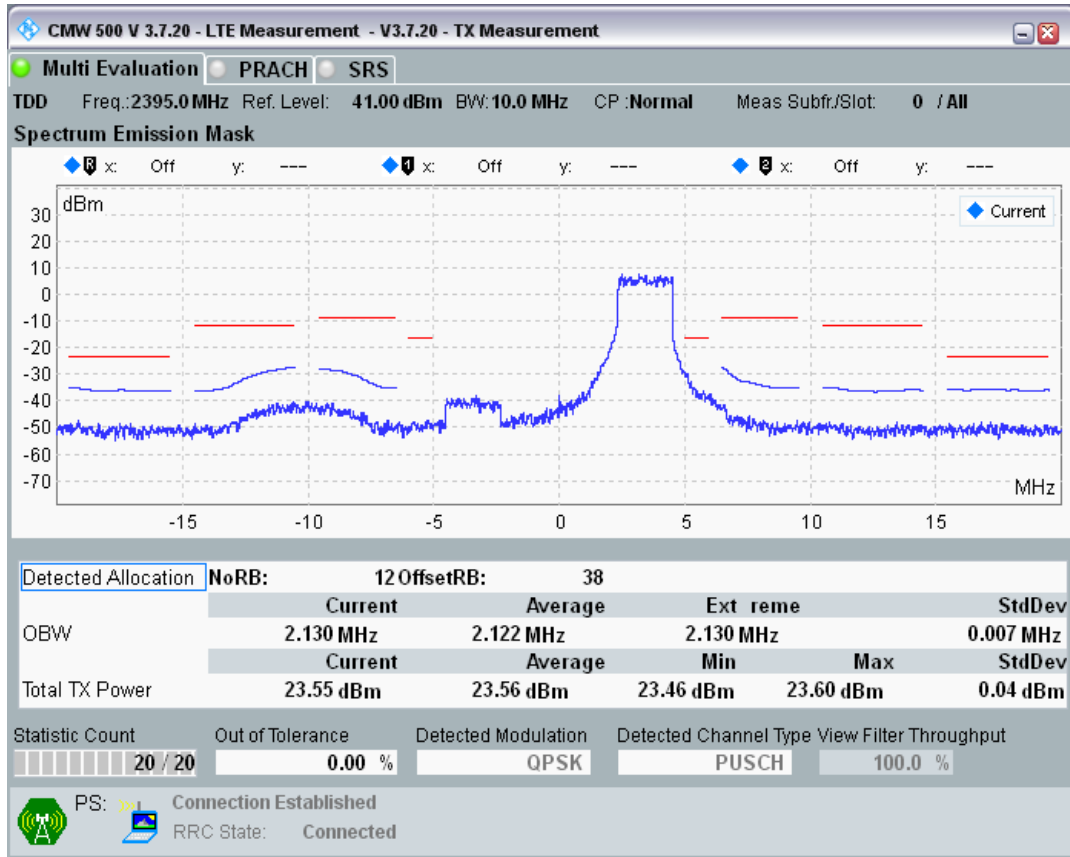
Band40 16QAM BW=10MHz Channel=39150 RB Size=50 Position=#0



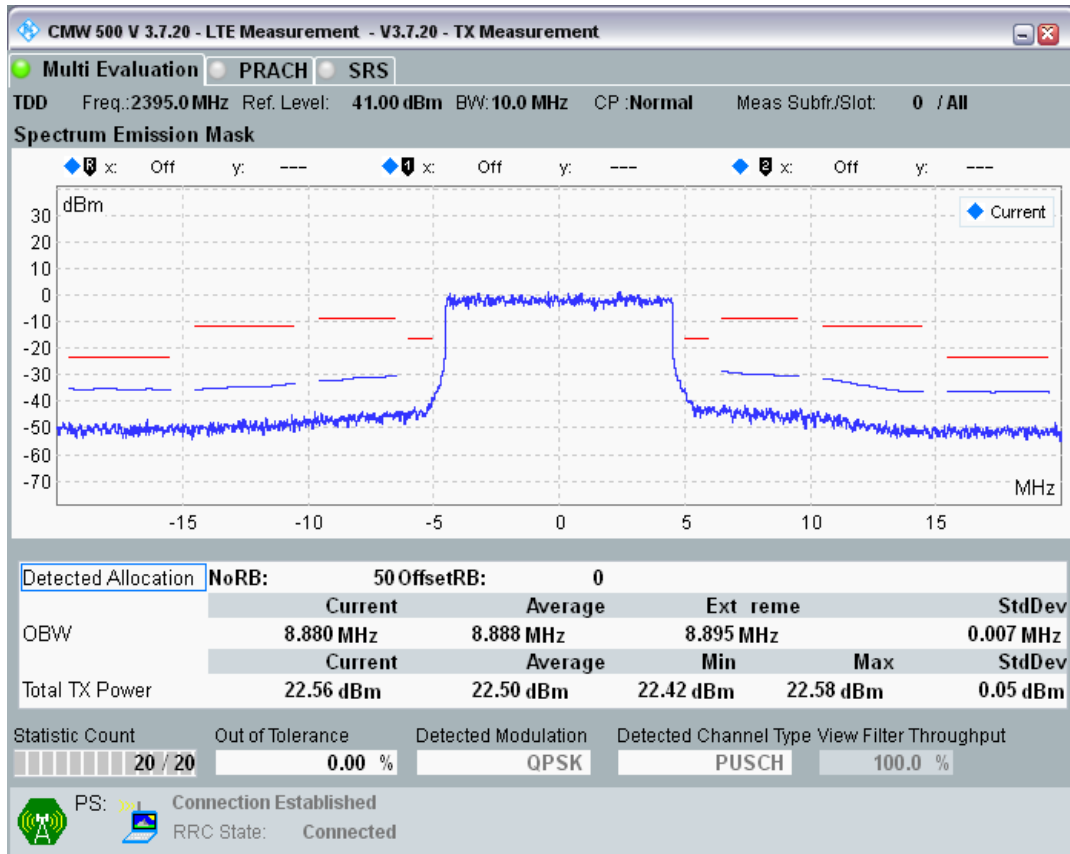
Band40 QPSK BW=10MHz Channel=39600 RB Size=12 Position=#0



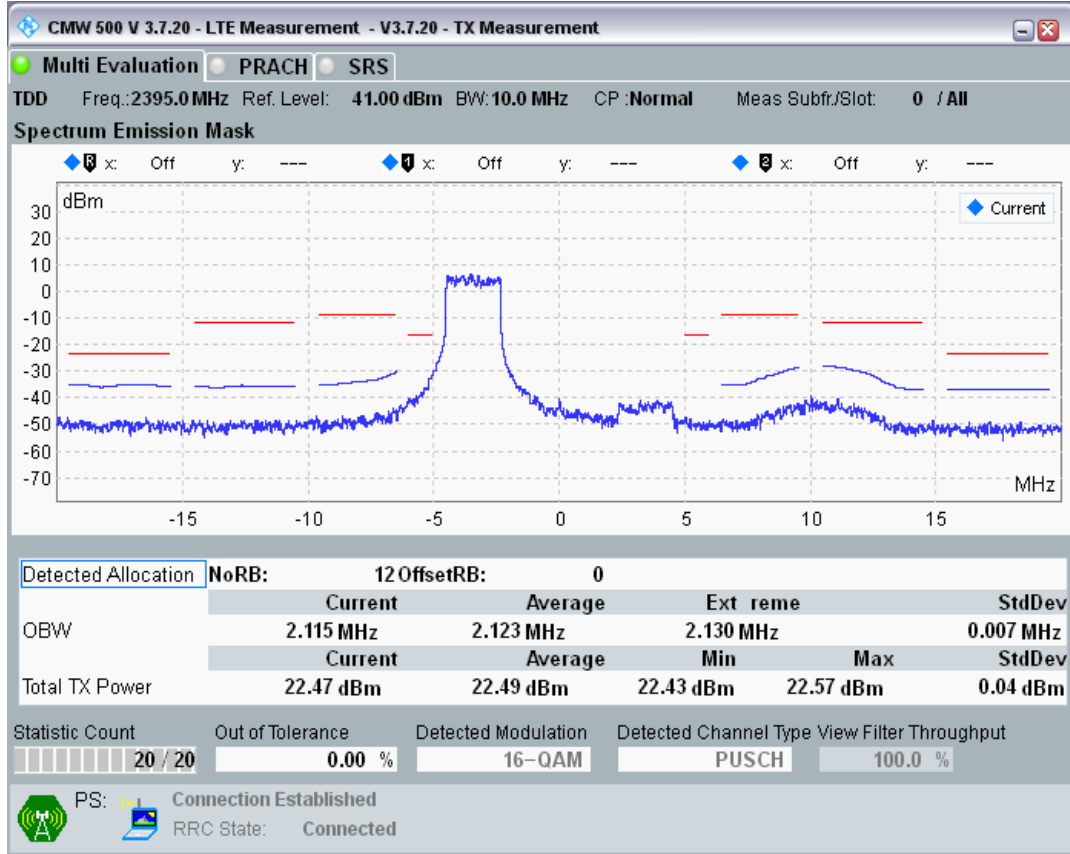
Band40 QPSK BW=10MHz Channel=39600 RB Size=12 Position=#Max



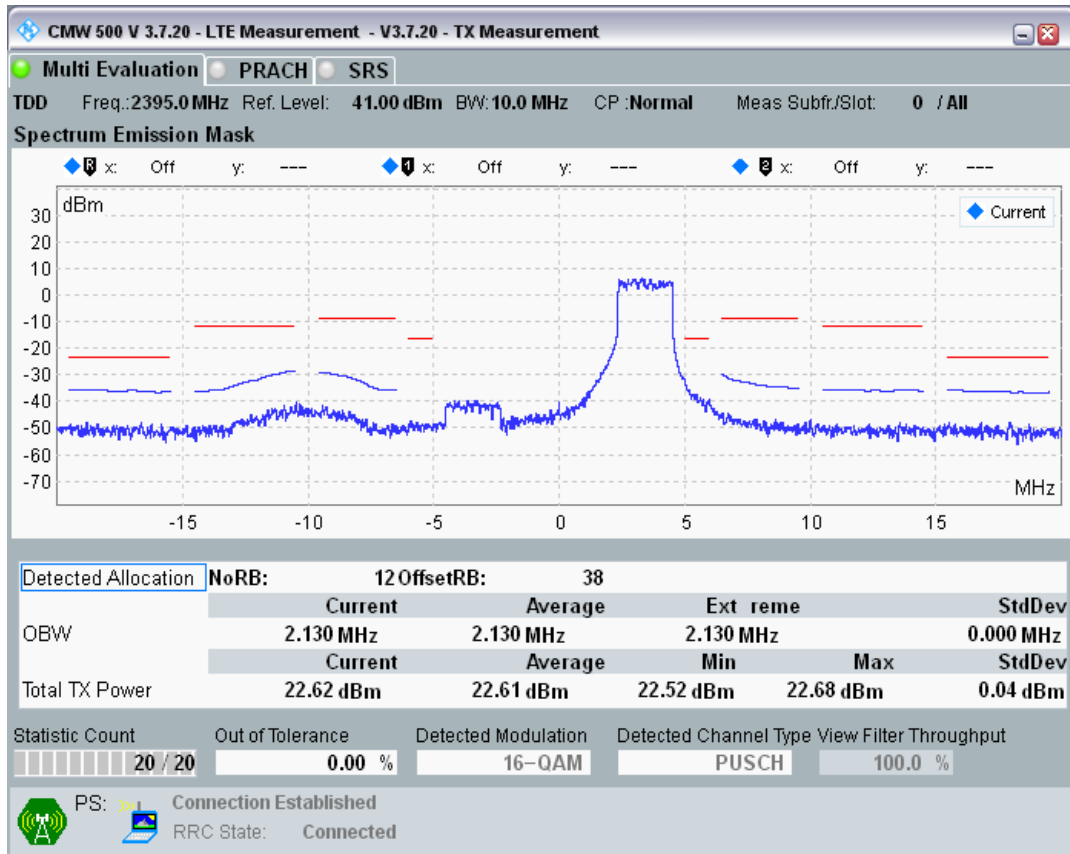
Band40 QPSK BW=10MHz Channel=39600 RB Size=50 Position=#0



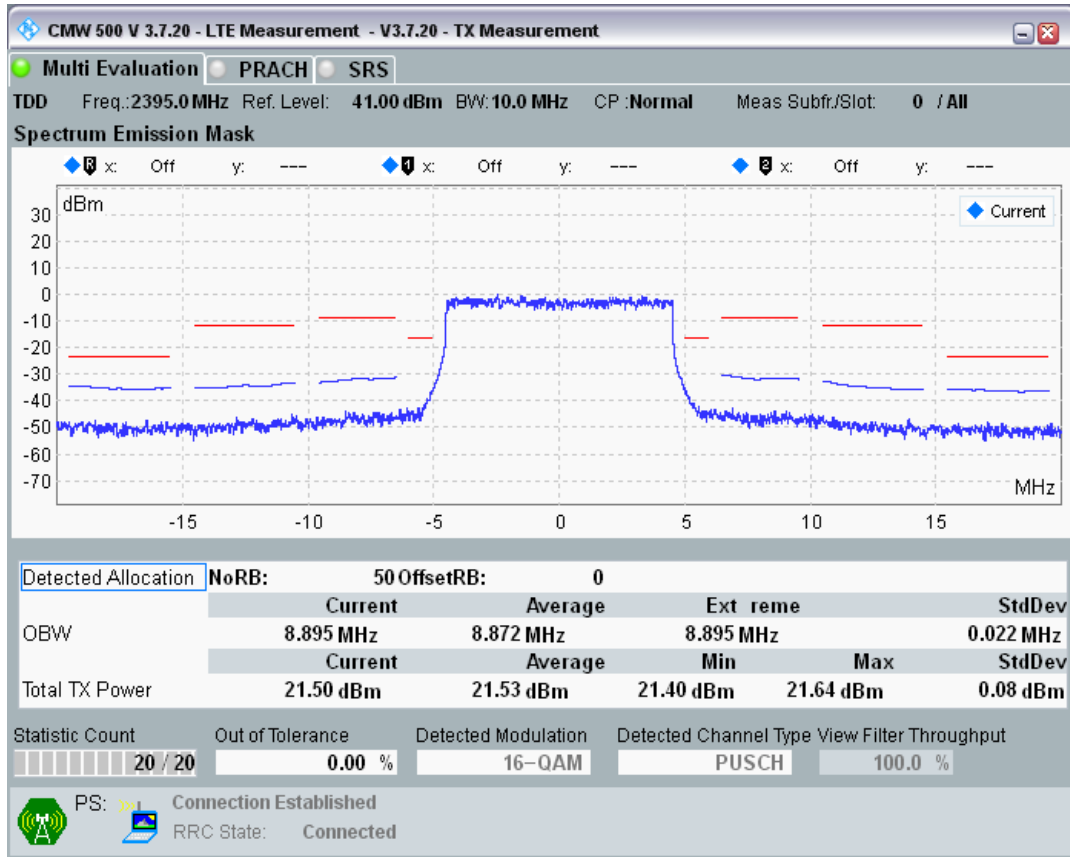
Band40 16QAM BW=10MHz Channel=39600 RB Size=12 Position=#0



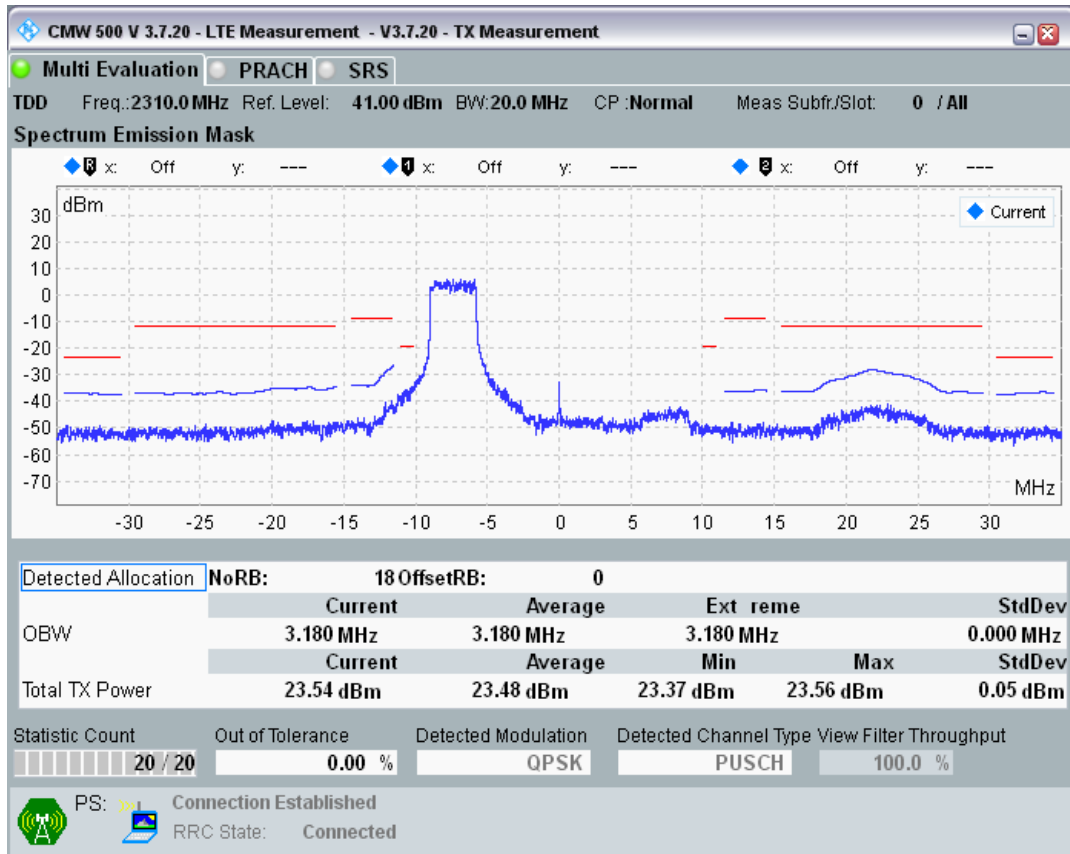
Band40 16QAM BW=10MHz Channel=39600 RB Size=12 Position=#Max



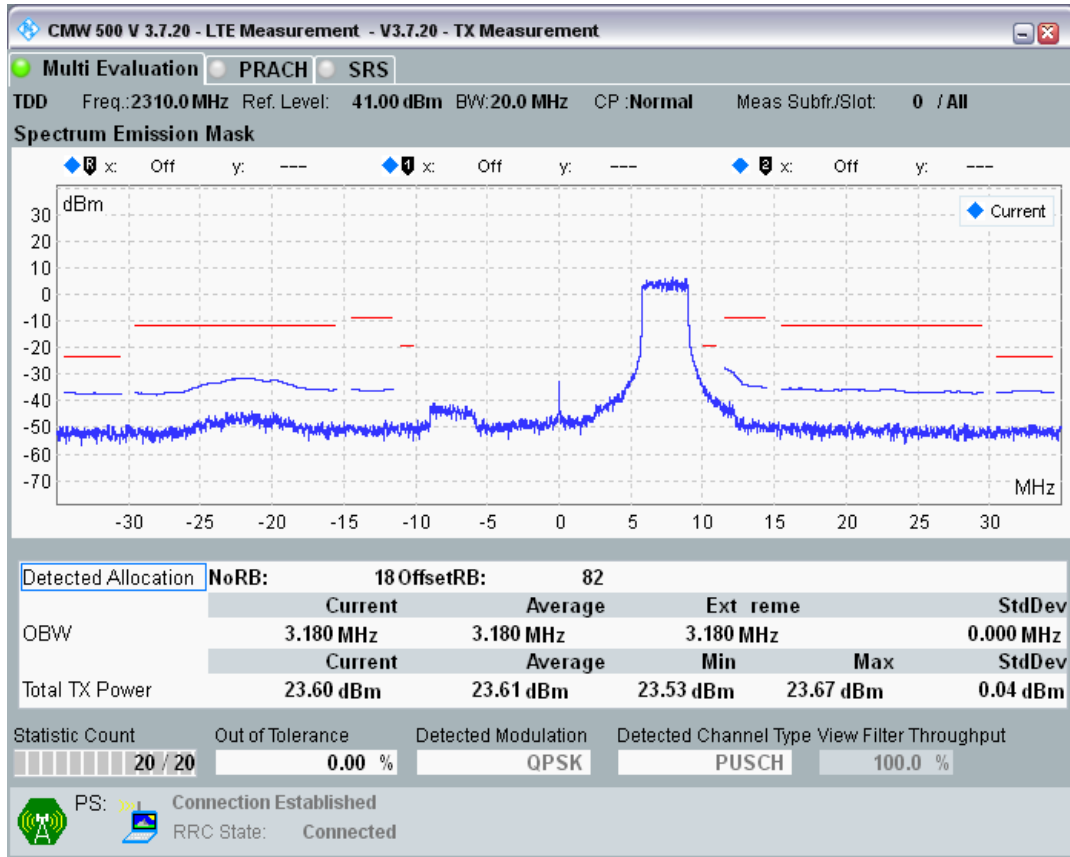
Band40 16QAM BW=10MHz Channel=39600 RB Size=50 Position=#0



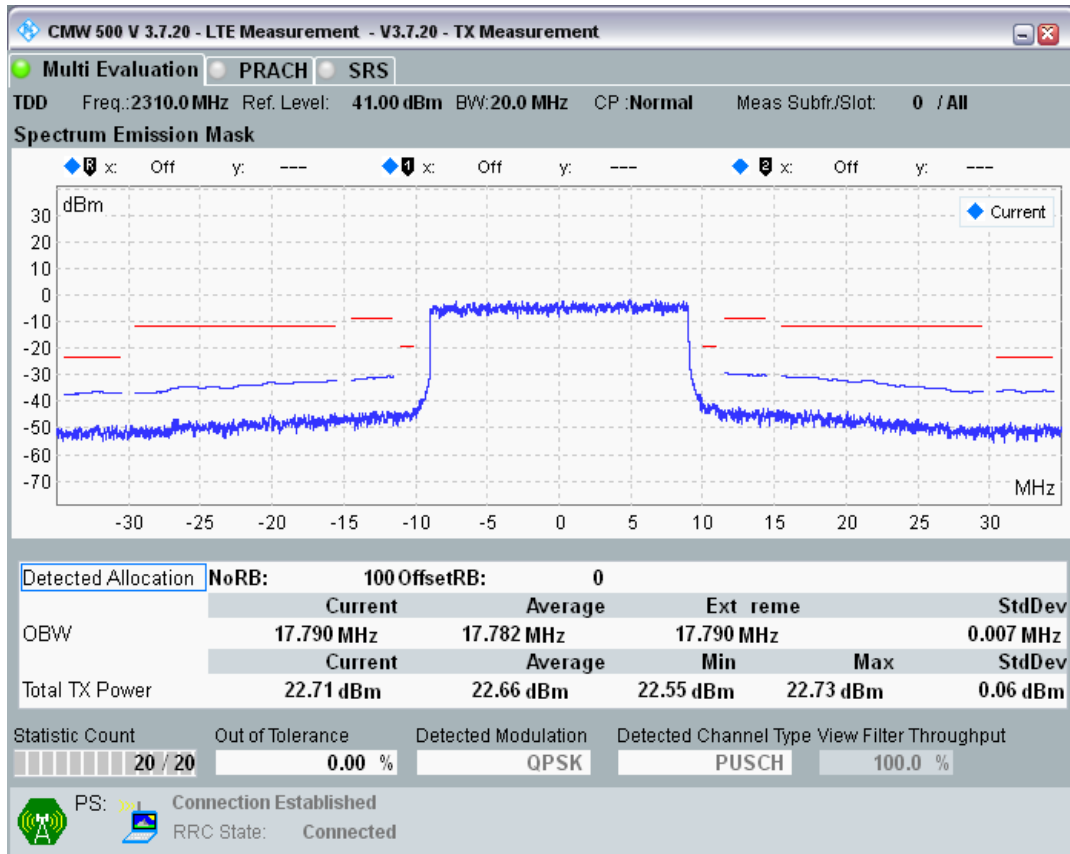
Band40 QPSK BW=20MHz Channel=38750 RB Size=18 Position=#0



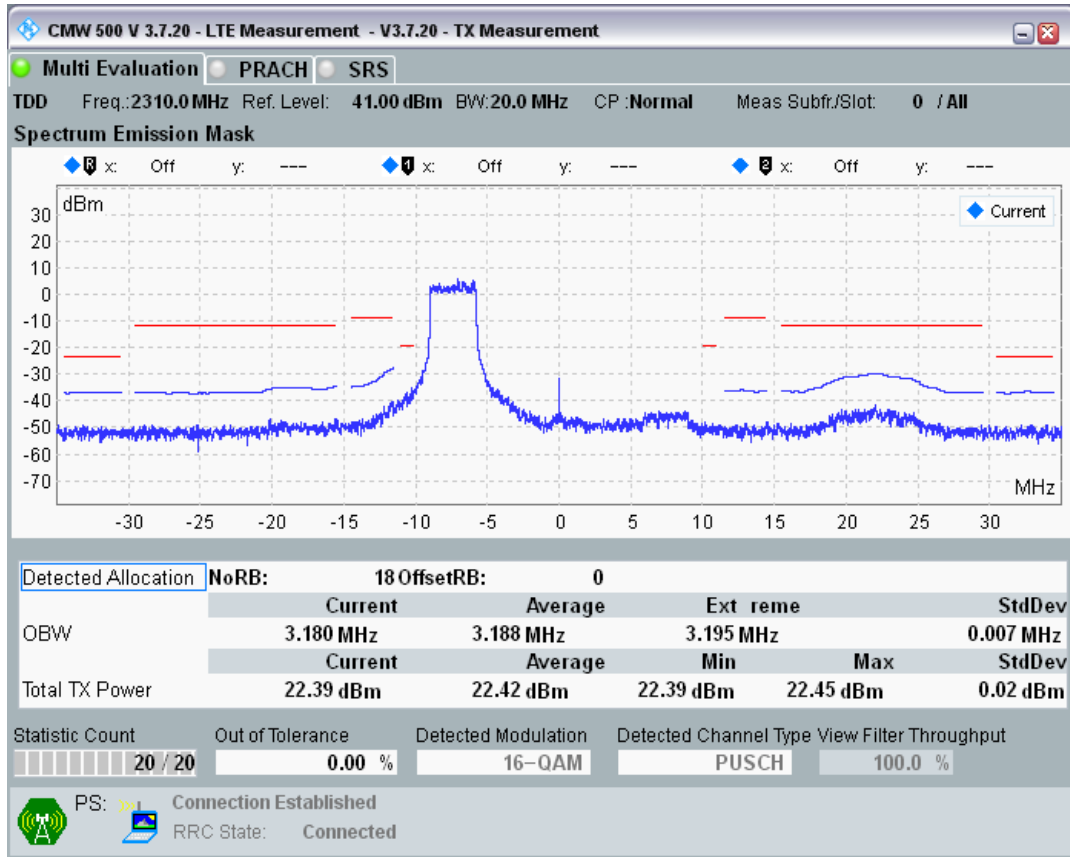
Band40 QPSK BW=20MHz Channel=38750 RB Size=18 Position=#Max



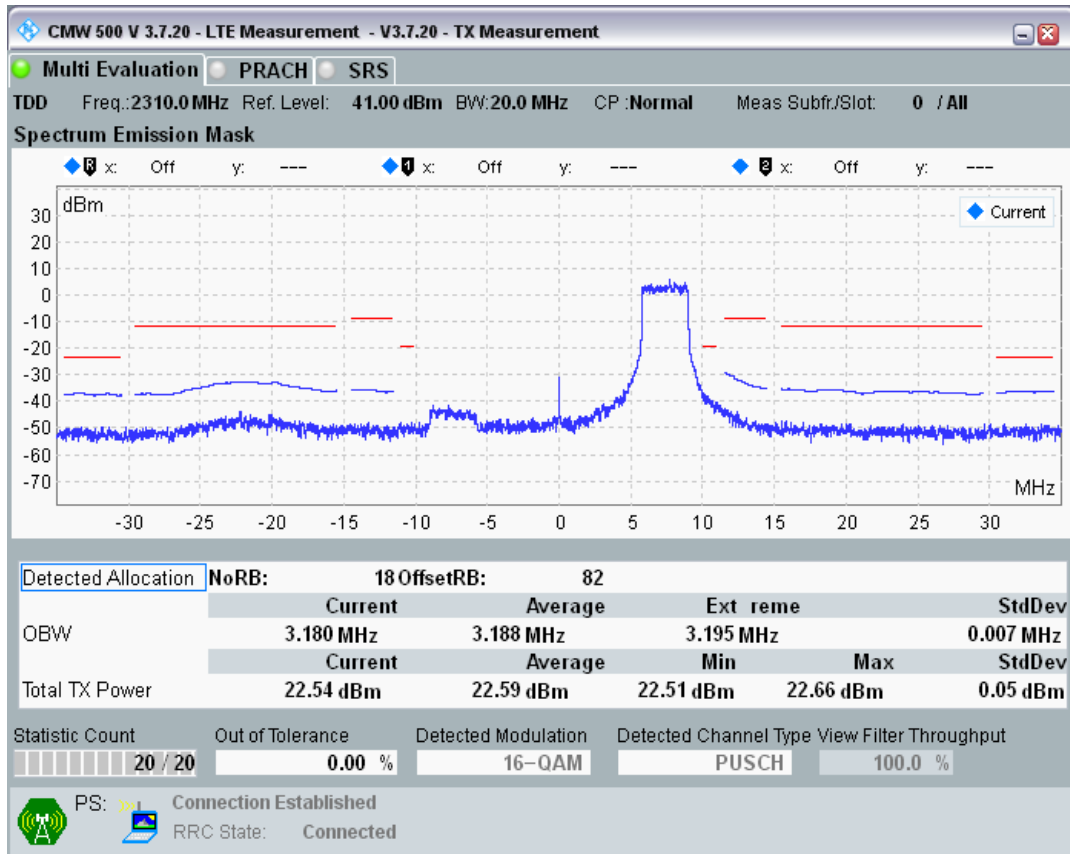
Band40 QPSK BW=20MHz Channel=38750 RB Size=100 Position=#0



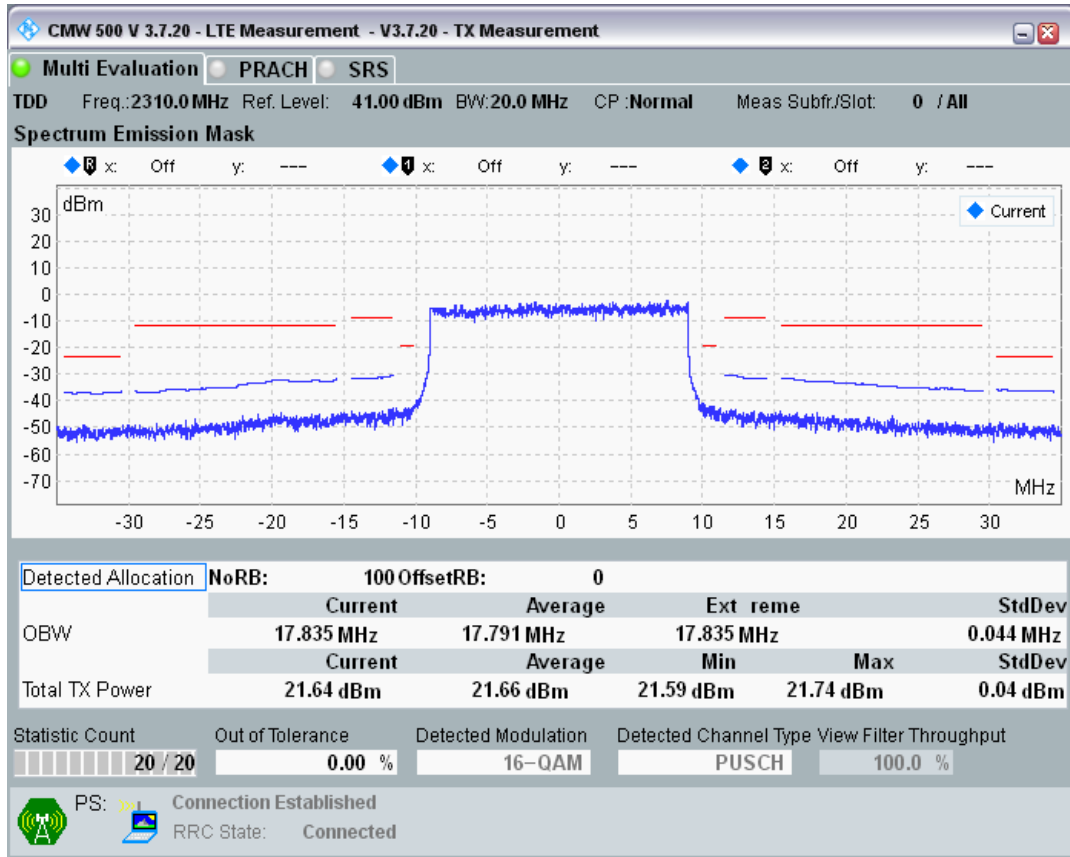
Band40 16QAM BW=20MHz Channel=38750 RB Size=18 Position=#0



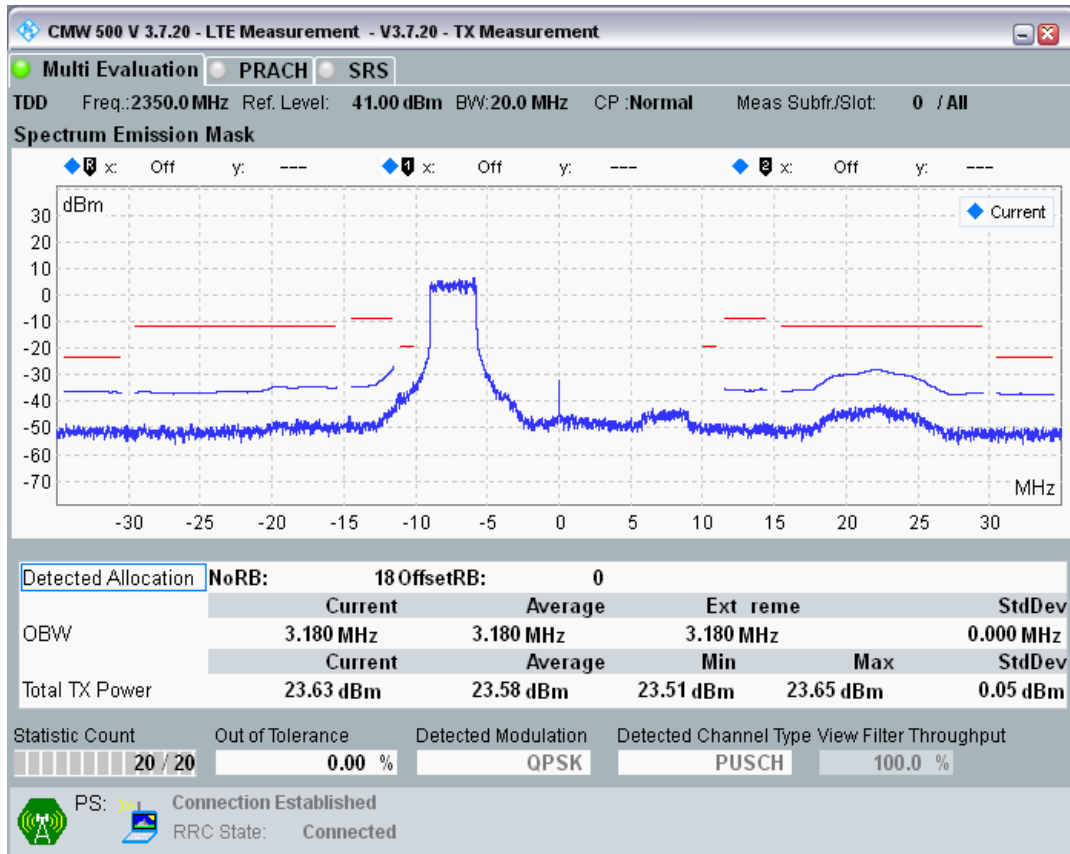
Band40 16QAM BW=20MHz Channel=38750 RB Size=18 Position=#Max



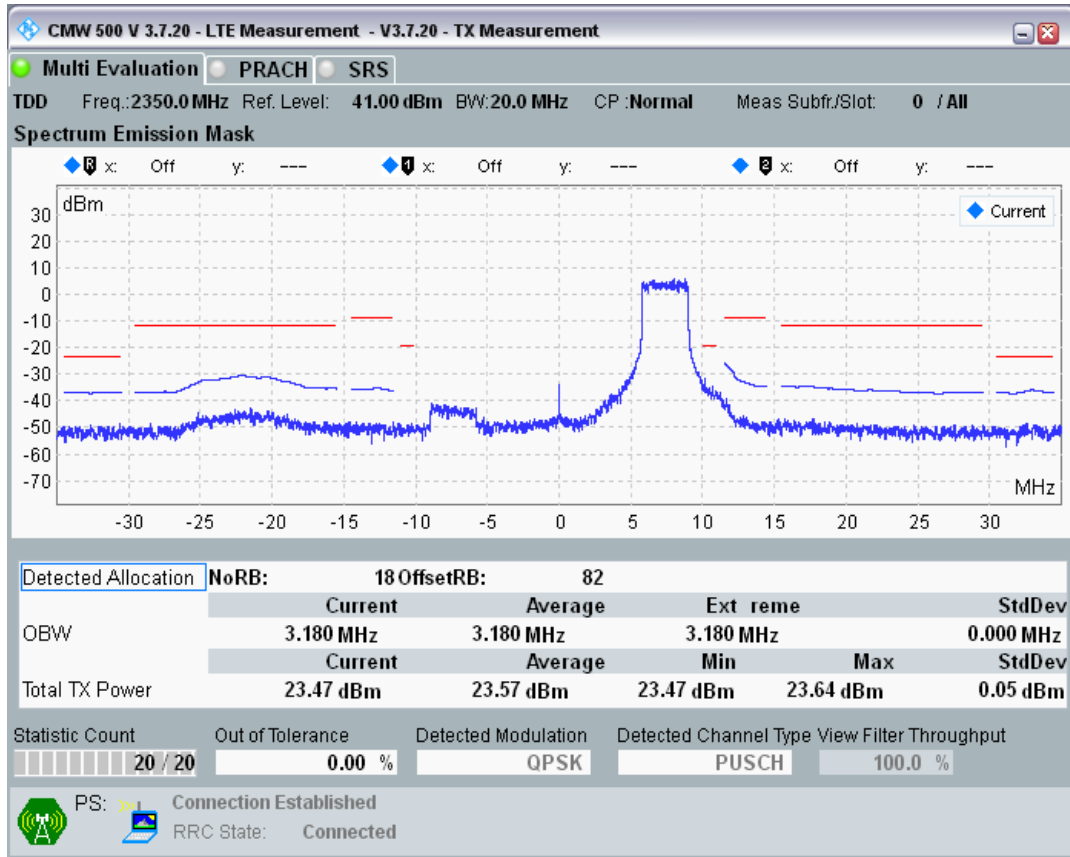
Band40 16QAM BW=20MHz Channel=38750 RB Size=100 Position=#0



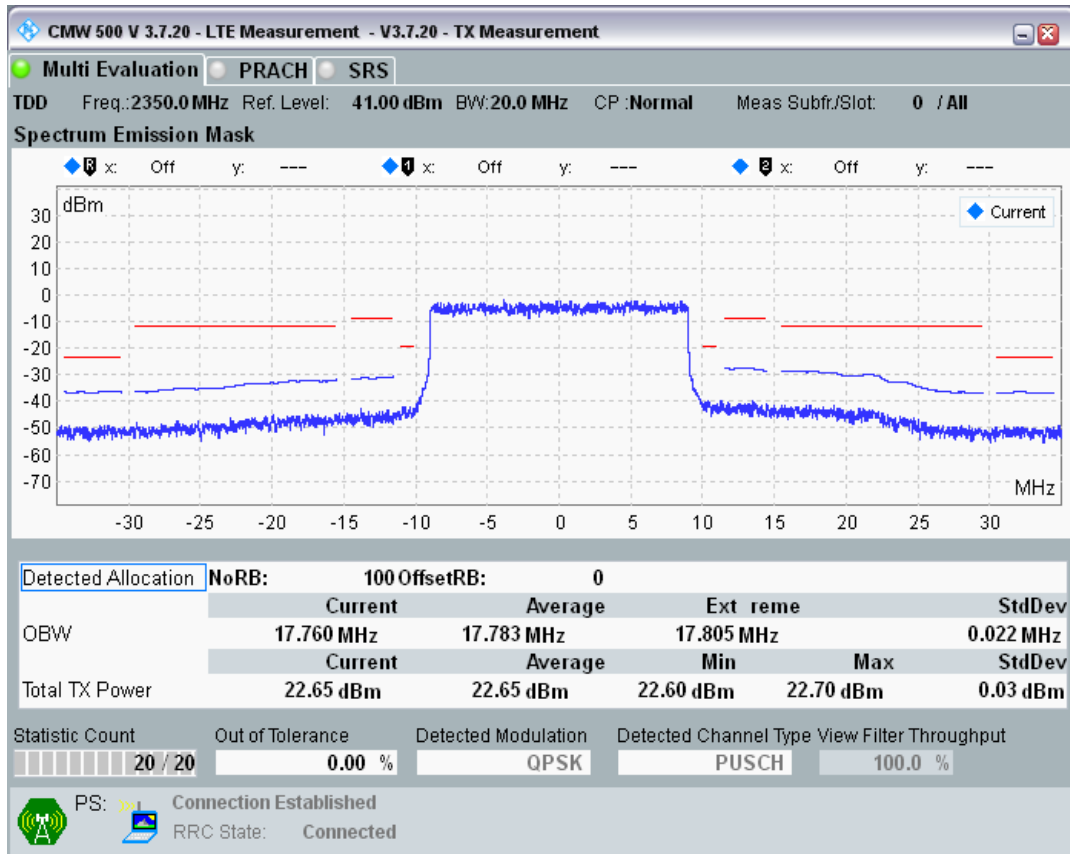
Band40 QPSK BW=20MHz Channel=39150 RB Size=18 Position=#0



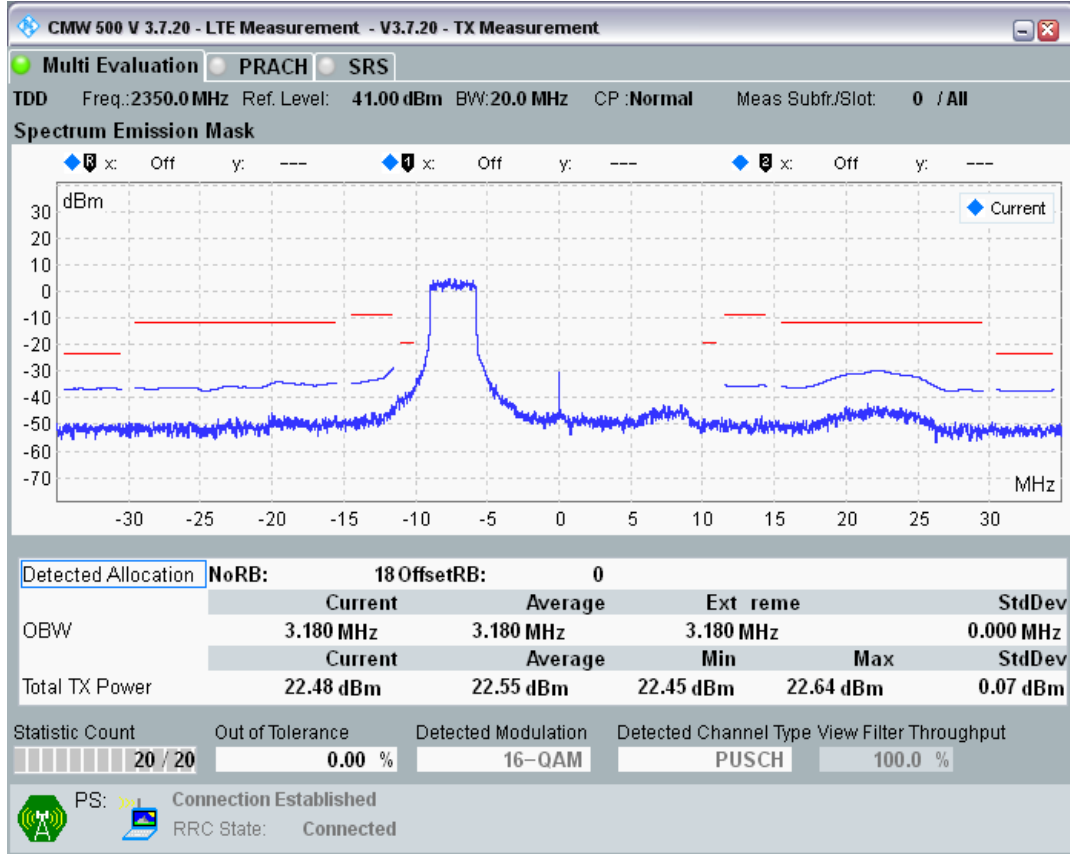
Band40 QPSK BW=20MHz Channel=39150 RB Size=18 Position=#Max



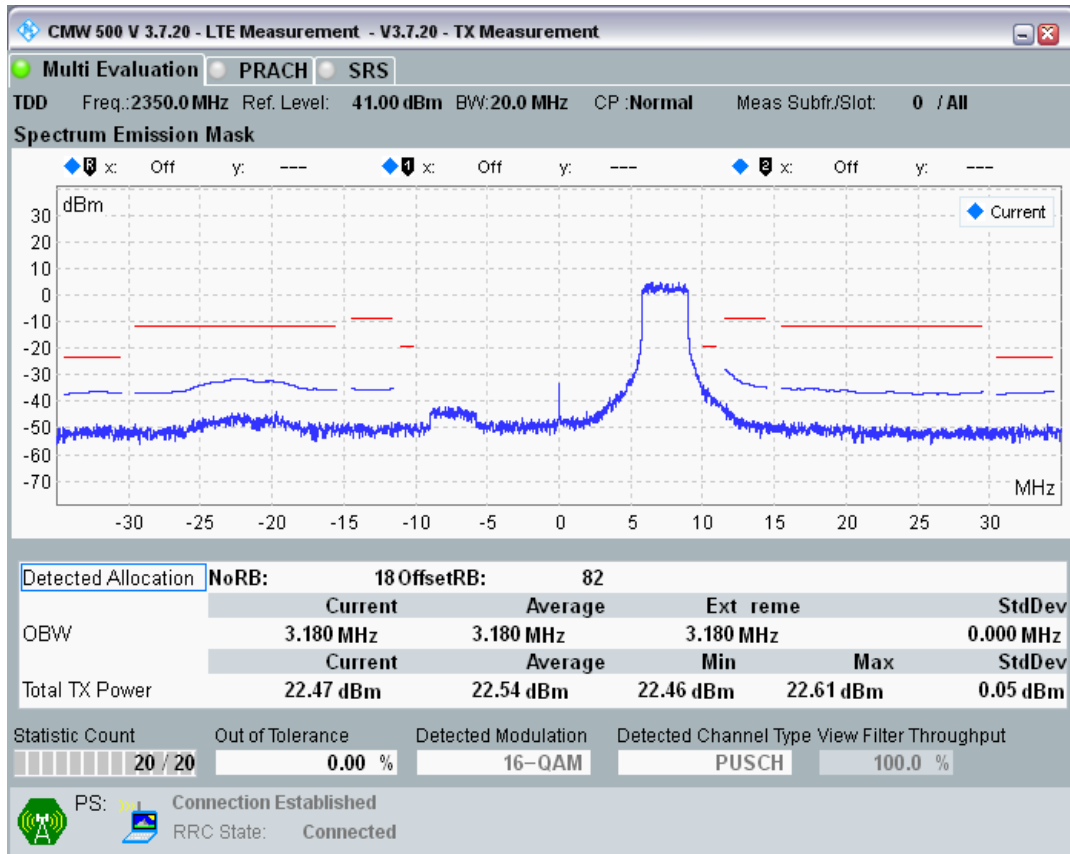
Band40 QPSK BW=20MHz Channel=39150 RB Size=100 Position=#0



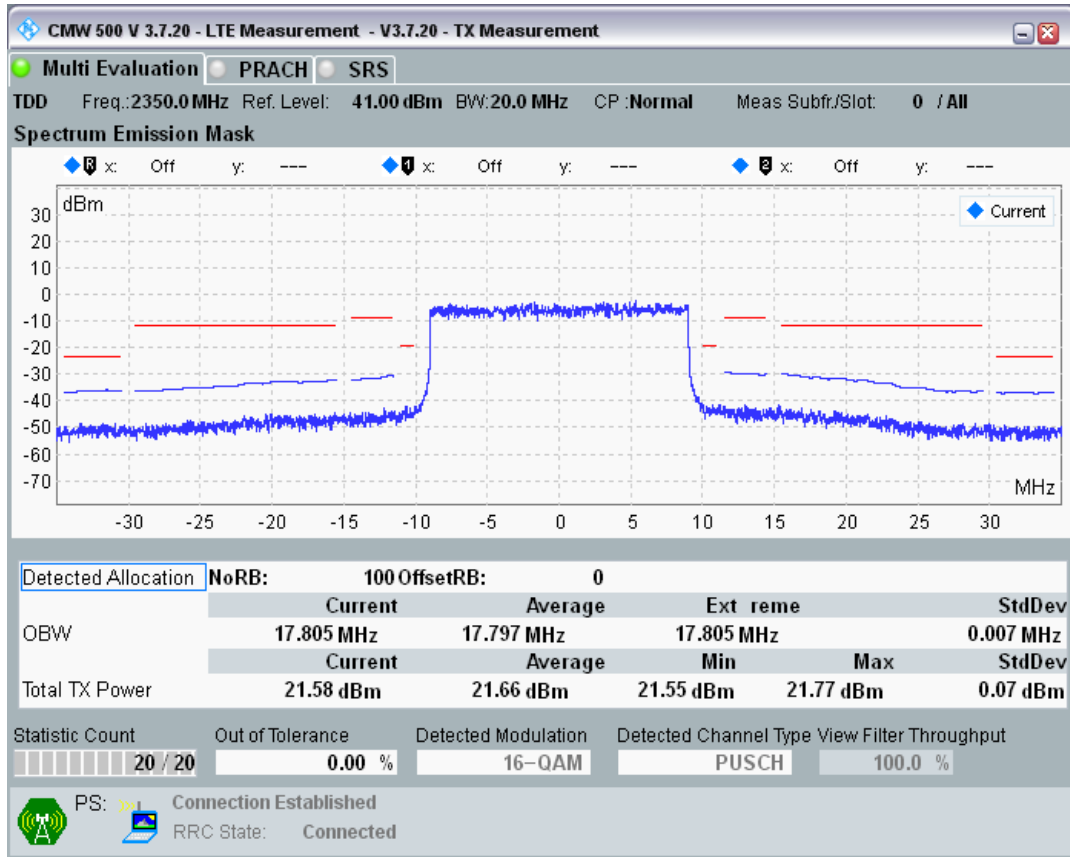
Band40 16QAM BW=20MHz Channel=39150 RB Size=18 Position=#0



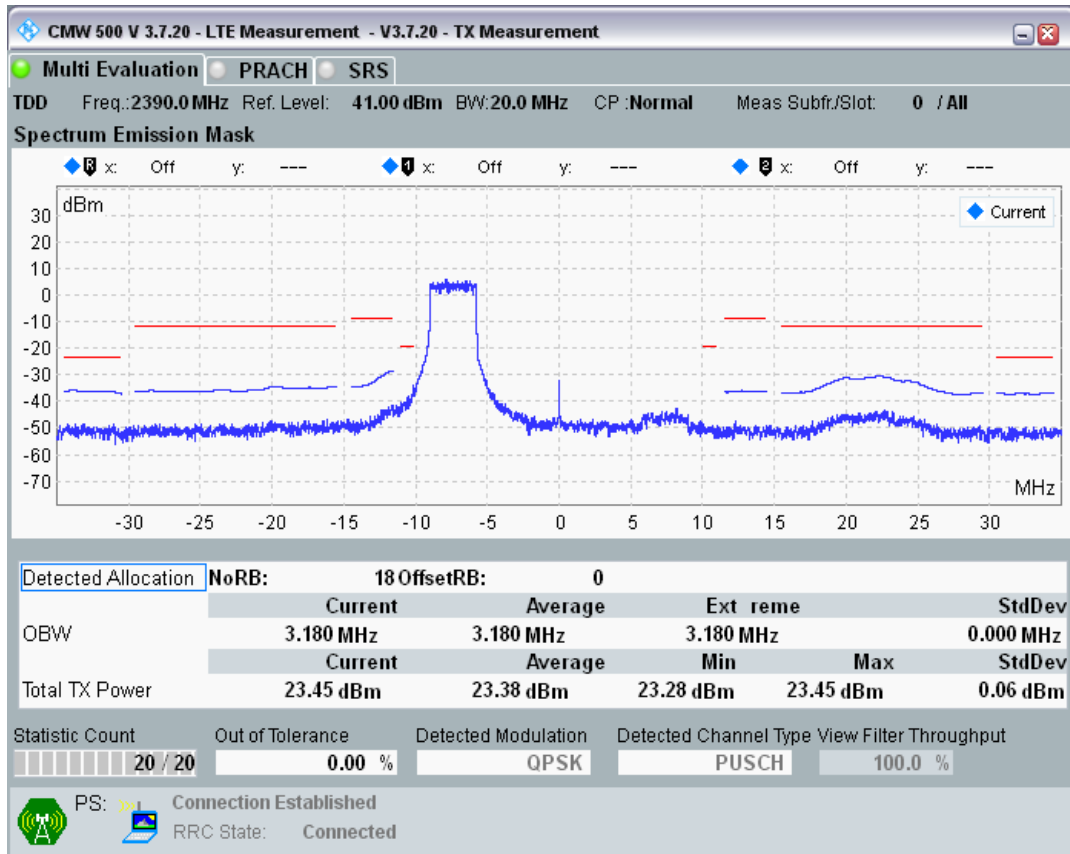
Band40 16QAM BW=20MHz Channel=39150 RB Size=18 Position=#Max



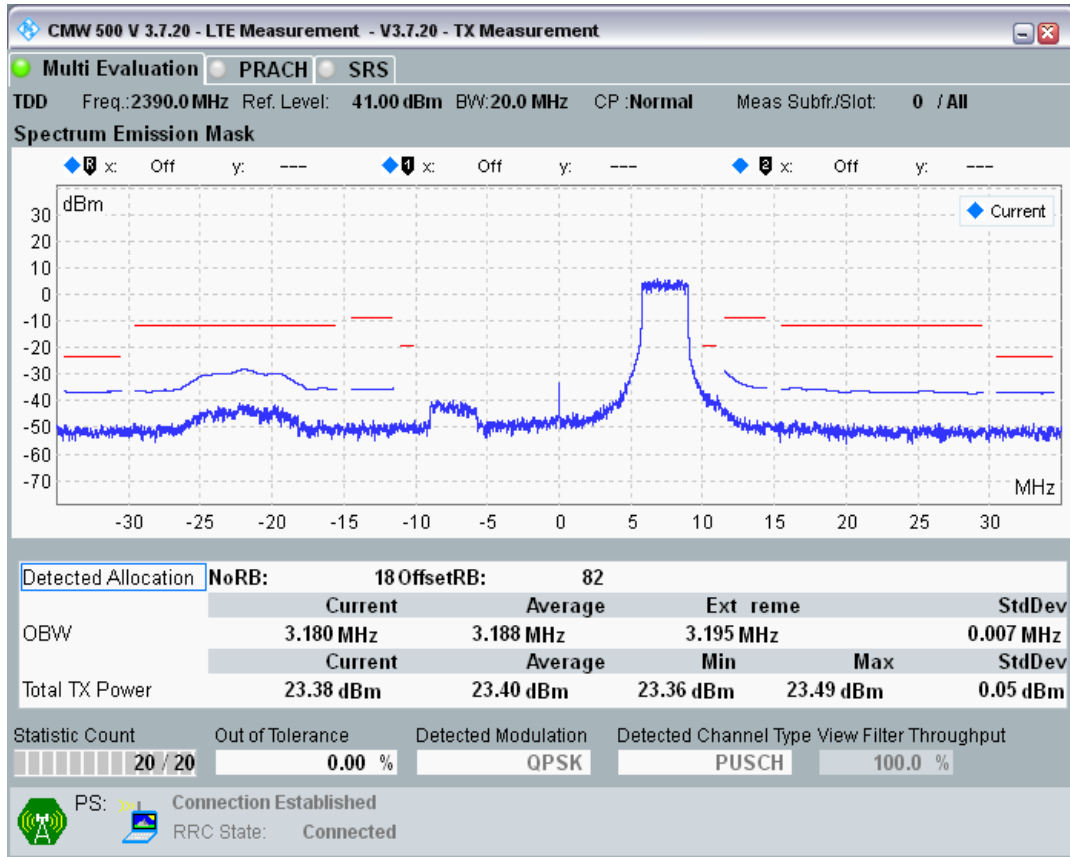
Band40 16QAM BW=20MHz Channel=39150 RB Size=100 Position=#0



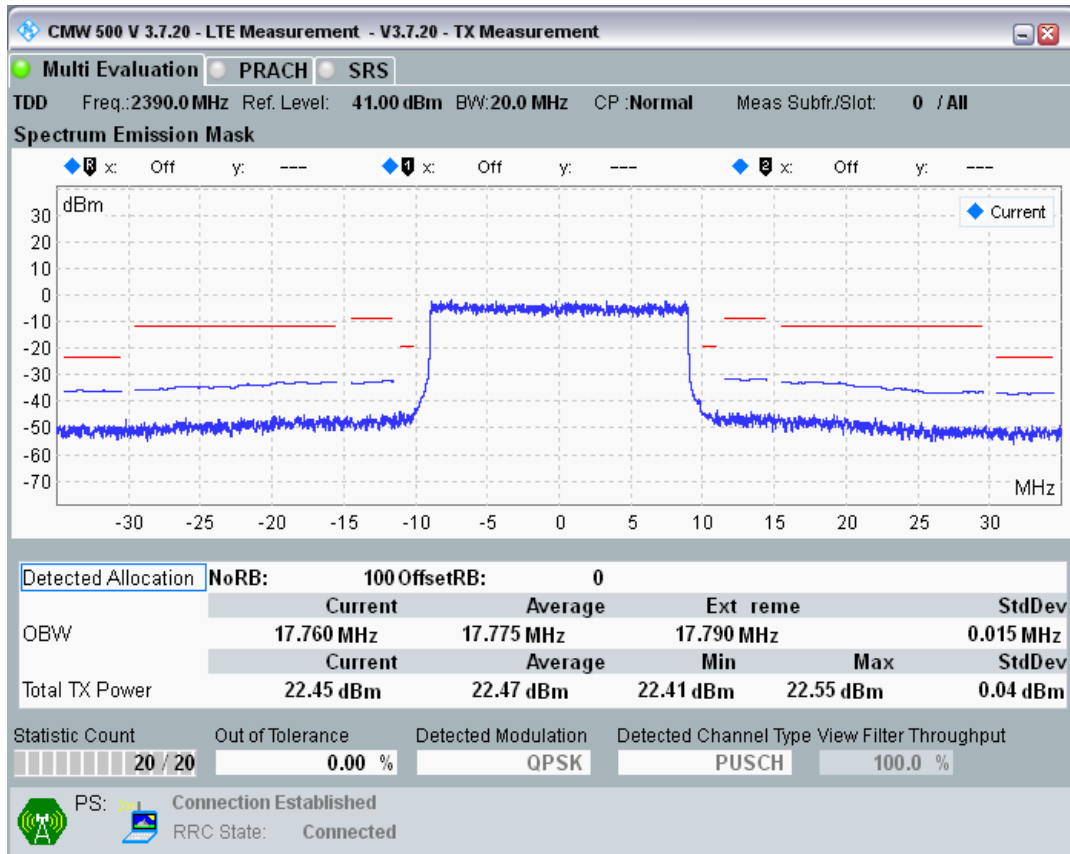
Band40 QPSK BW=20MHz Channel=39550 RB Size=18 Position=#0



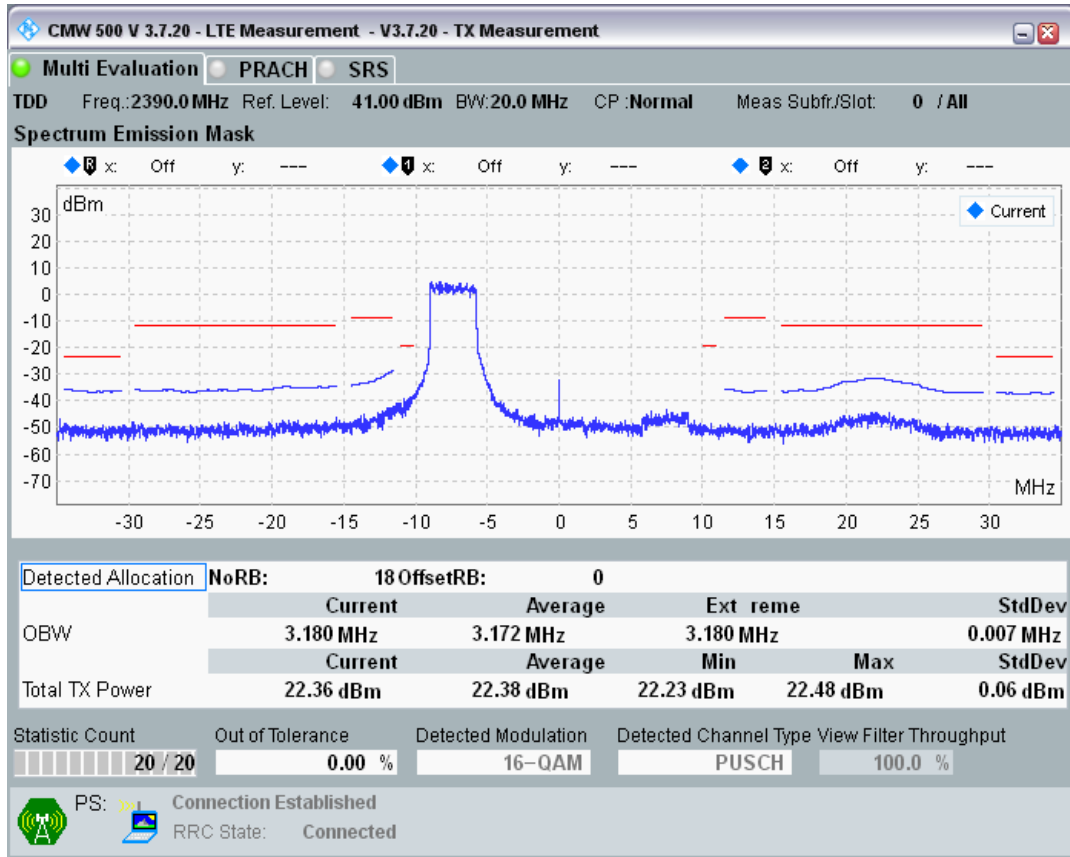
Band40 QPSK BW=20MHz Channel=39550 RB Size=18 Position=#Max



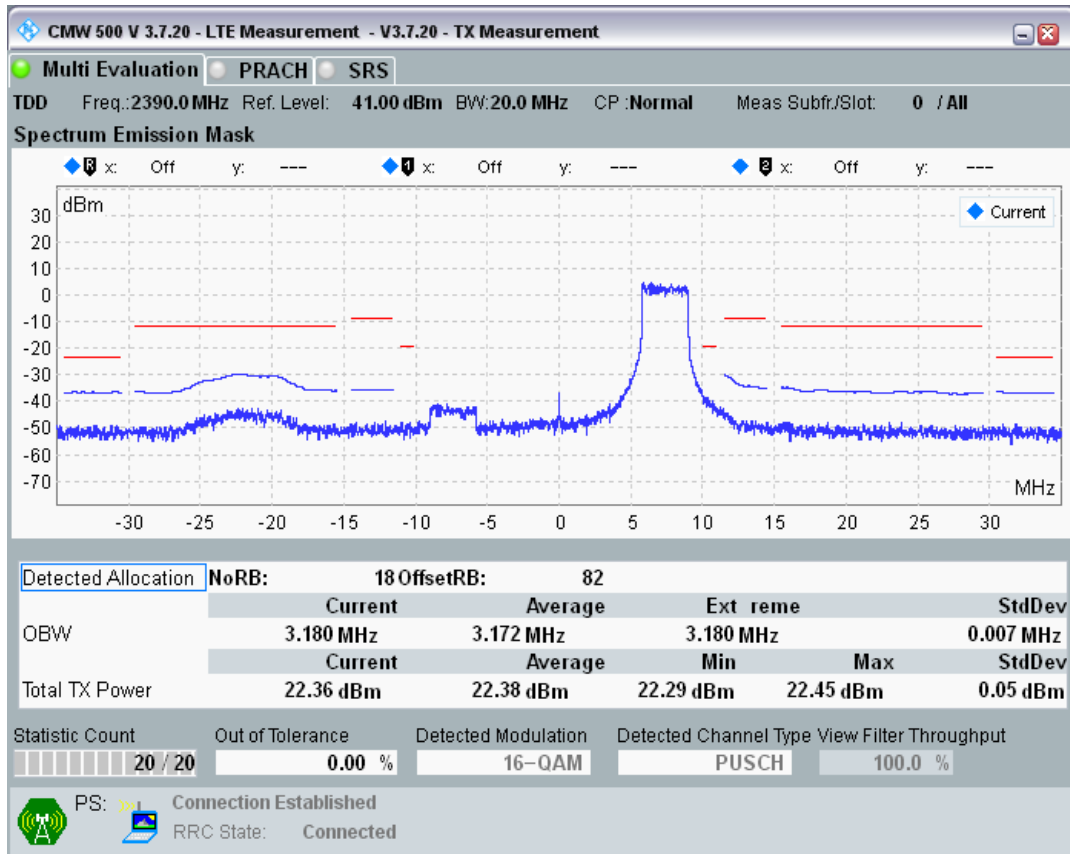
Band40 QPSK BW=20MHz Channel=39550 RB Size=100 Position=#0



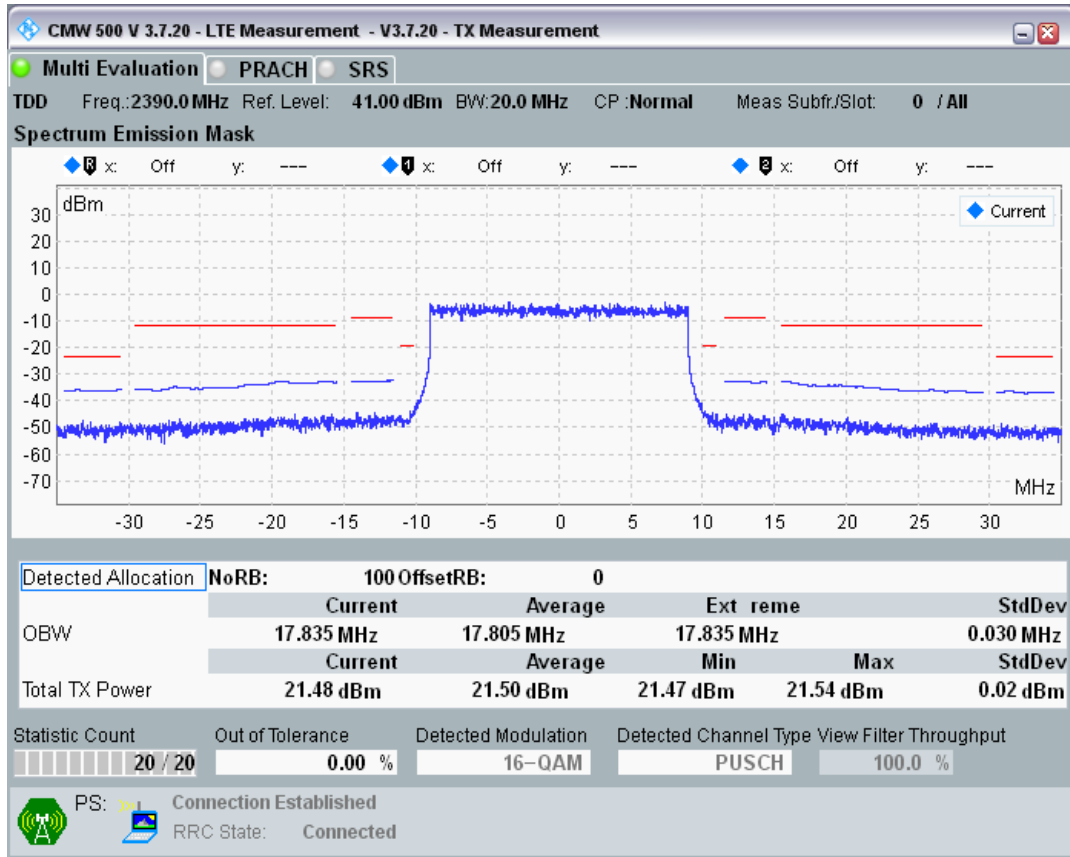
Band40 16QAM BW=20MHz Channel=39550 RB Size=18 Position=#0



Band40 16QAM BW=20MHz Channel=39550 RB Size=18 Position=#Max



Band40 16QAM BW=20MHz Channel=39550 RB Size=100 Position=#0



### Appendix 3. Transmitter Spurious Emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Range (MHz)	RBW	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band40	5	38675	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.02	-36	PASS
Band40	5	38675	1	#0	QPSK	150 kHz-30 MHz	10 kHz	5.76	-53.83	-36	PASS
Band40	5	38675	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	847.13	-60.17	-36	PASS
Band40	5	38675	1	#0	QPSK	1000 MHz-2290.00 MHz	1 MHz	2290.00	-49.38	-30	PASS
Band40	5	38675	1	#0	QPSK	2315.00 MHz-3000 MHz	1 MHz	2651.22	-50.40	-30	PASS
Band40	5	38675	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	6014.38	-52.40	-30	PASS
Band40	5	38675	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2135.68	-60.29	-50	PASS
Band40	5	38675	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1873.70	-61.85	-50	PASS
Band40	5	38675	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2621.33	-57.05	-50	PASS
Band40	5	38675	1	#0	QPSK	925 MHz-960 MHz	1 MHz	929.41	-62.54	-50	PASS
Band40	5	38675	1	#0	QPSK	791 MHz-821 MHz	1 MHz	800.12	-62.24	-50	PASS
Band40	5	38675	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-60.96	-50	PASS
Band40	5	38675	1	#0	QPSK	758 MHz-803 MHz	1 MHz	793.46	-62.33	-50	PASS
Band40	5	38675	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.46	-62.69	-50	PASS
Band40	5	38675	1	#0	QPSK	1452	1	1464.19	-61.96	-50	PASS

						MHz-1496 MHz	MHz				
Band40	5	38675	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1909.84	-61.45	-50	PASS
Band40	5	38675	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2024.82	-61.21	-50	PASS
Band40	5	38675	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2617.15	-60.27	-50	PASS
Band40	5	38675	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-60.86	-50	PASS
Band40	5	38675	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-61.25	-50	PASS
Band40	5	38675	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2198.29	-60.76	-50	PASS
Band40	5	38675	1	#0	QPSK	738 MHz-758 MHz	1 MHz	757.34	-62.00	-50	PASS
Band40	5	38675	1	#0	QPSK	753 MHz-783 MHz	1 MHz	781.47	-62.38	-50	PASS
Band40	5	38675	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-48.74	-36	PASS
Band40	5	38675	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	6.49	-55.08	-36	PASS
Band40	5	38675	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	826.66	-60.34	-36	PASS
Band40	5	38675	1	#Max	QPSK	1000 MHz-2290.00 MHz	1 MHz	2290.00	-49.90	-30	PASS
Band40	5	38675	1	#Max	QPSK	2315.00 MHz-3000 MHz	1 MHz	2455.43	-46.45	-30	PASS
Band40	5	38675	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	6460.44	-52.34	-30	PASS
Band40	5	38675	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2116.24	-60.71	-50	PASS
Band40	5	38675	1	#Max	QPSK	1805	1	1876.33	-61.83	-50	PASS

						MHz-1880 MHz	MHz				
Band40	5	38675	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2658.78	-60.29	-50	PASS
Band40	5	38675	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	929.73	-62.53	-50	PASS
Band40	5	38675	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	796.13	-62.20	-50	PASS
Band40	5	38675	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3587.84	-60.98	-50	PASS
Band40	5	38675	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	800.35	-62.35	-50	PASS
Band40	5	38675	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.09	-62.57	-50	PASS
Band40	5	38675	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1462.08	-62.01	-50	PASS
Band40	5	38675	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1905.76	-61.55	-50	PASS
Band40	5	38675	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2012.73	-61.13	-50	PASS
Band40	5	38675	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2618.85	-60.34	-50	PASS
Band40	5	38675	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3597.40	-60.82	-50	PASS
Band40	5	38675	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.80	-61.33	-50	PASS
Band40	5	38675	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2198.20	-60.92	-50	PASS
Band40	5	38675	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	757.82	-62.11	-50	PASS
Band40	5	38675	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	781.56	-62.35	-50	PASS
Band40	5	38675	25	#0	QPSK	9 kHz-150	1	0.01	-49.18	-36	PASS

						kHz	kHz				
Band40	5	38675	25	#0	QPSK	150 kHz-30 MHz	10 kHz	6.26	-54.90	-36	PASS
Band40	5	38675	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	802.02	-60.21	-36	PASS
Band40	5	38675	25	#0	QPSK	1000 MHz-2290.00 MHz	1 MHz	2288.71	-46.77	-30	PASS
Band40	5	38675	25	#0	QPSK	2315.00 MHz-3000 MHz	1 MHz	2321.85	-44.04	-30	PASS
Band40	5	38675	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	6592.06	-52.34	-30	PASS
Band40	5	38675	25	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2122.66	-60.88	-50	PASS
Band40	5	38675	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1865.75	-61.92	-50	PASS
Band40	5	38675	25	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2665.22	-60.44	-50	PASS
Band40	5	38675	25	#0	QPSK	925 MHz-960 MHz	1 MHz	930.08	-62.46	-50	PASS
Band40	5	38675	25	#0	QPSK	791 MHz-821 MHz	1 MHz	791.45	-62.40	-50	PASS
Band40	5	38675	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3583.60	-61.00	-50	PASS
Band40	5	38675	25	#0	QPSK	758 MHz-803 MHz	1 MHz	800.12	-62.32	-50	PASS
Band40	5	38675	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	466.41	-62.74	-50	PASS
Band40	5	38675	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1495.16	-61.98	-50	PASS
Band40	5	38675	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1911.38	-61.64	-50	PASS
Band40	5	38675	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2022.06	-61.18	-50	PASS

						MHz					
Band40	5	38675	25	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.65	-60.52	-50	PASS
Band40	5	38675	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-60.90	-50	PASS
Band40	5	38675	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-61.36	-50	PASS
Band40	5	38675	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2198.83	-60.54	-50	PASS
Band40	5	38675	25	#0	QPSK	738 MHz-758 MHz	1 MHz	755.86	-62.02	-50	PASS
Band40	5	38675	25	#0	QPSK	753 MHz-783 MHz	1 MHz	772.20	-62.45	-50	PASS
Band40	5	38675	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.11	-52.03	-36	PASS
Band40	5	38675	1	#0	16QAM	150 kHz-30 MHz	10 kHz	6.51	-55.79	-36	PASS
Band40	5	38675	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	812.31	-60.13	-36	PASS
Band40	5	38675	1	#0	16QAM	1000 MHz-2290.00 MHz	1 MHz	2290.00	-48.41	-30	PASS
Band40	5	38675	1	#0	16QAM	2315.00 MHz-3000 MHz	1 MHz	2455.43	-48.17	-30	PASS
Band40	5	38675	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5266.88	-51.46	-30	PASS
Band40	5	38675	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2130.28	-60.80	-50	PASS
Band40	5	38675	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1874.30	-61.86	-50	PASS
Band40	5	38675	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2631.41	-59.69	-50	PASS
Band40	5	38675	1	#0	16QAM	925 MHz-960 MHz	1 MHz	930.67	-62.53	-50	PASS

Band40	5	38675	1	#0	16QAM	791 MHz-821 MHz	1 MHz	800.06	-62.29	-50	PASS
Band40	5	38675	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3586.96	-60.93	-50	PASS
Band40	5	38675	1	#0	16QAM	758 MHz-803 MHz	1 MHz	794.99	-62.29	-50	PASS
Band40	5	38675	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.89	-62.74	-50	PASS
Band40	5	38675	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1453.58	-61.97	-50	PASS
Band40	5	38675	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1914.32	-61.56	-50	PASS
Band40	5	38675	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2021.58	-61.19	-50	PASS
Band40	5	38675	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.20	-60.00	-50	PASS
Band40	5	38675	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3598.20	-60.80	-50	PASS
Band40	5	38675	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-61.26	-50	PASS
Band40	5	38675	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2196.85	-60.43	-50	PASS
Band40	5	38675	1	#0	16QAM	738 MHz-758 MHz	1 MHz	757.34	-62.02	-50	PASS
Band40	5	38675	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.22	-62.25	-50	PASS
Band40	5	38675	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.12	-50.69	-36	PASS
Band40	5	38675	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	6.07	-55.74	-36	PASS
Band40	5	38675	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	799.99	-59.92	-36	PASS
Band40	5	38675	1	#Max	16QAM	1000 MHz-2290.00 MHz	1 MHz	2283.55	-49.86	-30	PASS

						MHz					
Band40	5	38675	1	#Max	16QAM	2315.00 MHz-3000 MHz	1 MHz	2456.00	-45.82	-30	PASS
Band40	5	38675	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	6466.13	-52.44	-30	PASS
Band40	5	38675	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2127.64	-60.49	-50	PASS
Band40	5	38675	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1878.35	-61.89	-50	PASS
Band40	5	38675	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2630.01	-60.04	-50	PASS
Band40	5	38675	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	930.64	-62.58	-50	PASS
Band40	5	38675	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	800.18	-62.33	-50	PASS
Band40	5	38675	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.84	-61.05	-50	PASS
Band40	5	38675	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	800.26	-62.31	-50	PASS
Band40	5	38675	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.62	-62.74	-50	PASS
Band40	5	38675	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1478.05	-61.89	-50	PASS
Band40	5	38675	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1918.02	-61.60	-50	PASS
Band40	5	38675	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2019.84	-61.36	-50	PASS
Band40	5	38675	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2616.65	-60.36	-50	PASS
Band40	5	38675	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3596.80	-60.72	-50	PASS

Band40	5	38675	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.00	-61.33	-50	PASS
Band40	5	38675	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2199.91	-60.60	-50	PASS
Band40	5	38675	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	756.72	-62.05	-50	PASS
Band40	5	38675	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	779.97	-62.50	-50	PASS
Band40	5	38675	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.11	-49.58	-36	PASS
Band40	5	38675	25	#0	16QAM	150 kHz-30 MHz	10 kHz	6.18	-54.64	-36	PASS
Band40	5	38675	25	#0	16QAM	30 MHz-1000 MHz	100 kHz	916.87	-60.15	-36	PASS
Band40	5	38675	25	#0	16QAM	1000 MHz-2290.00 MHz	1 MHz	2290.00	-47.69	-30	PASS
Band40	5	38675	25	#0	16QAM	2315.00 MHz-3000 MHz	1 MHz	2454.85	-46.35	-30	PASS
Band40	5	38675	25	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5919.31	-52.38	-30	PASS
Band40	5	38675	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2156.02	-61.07	-50	PASS
Band40	5	38675	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1876.55	-62.01	-50	PASS
Band40	5	38675	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2628.40	-58.73	-50	PASS
Band40	5	38675	25	#0	16QAM	925 MHz-960 MHz	1 MHz	927.84	-62.64	-50	PASS
Band40	5	38675	25	#0	16QAM	791 MHz-821 MHz	1 MHz	799.85	-62.41	-50	PASS
Band40	5	38675	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3590.00	-61.04	-50	PASS
Band40	5	38675	25	#0	16QAM	758 MHz-803 MHz	1 MHz	793.15	-62.37	-50	PASS

Band40	5	38675	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.31	-62.74	-50	PASS
Band40	5	38675	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1461.86	-62.04	-50	PASS
Band40	5	38675	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1913.42	-61.59	-50	PASS
Band40	5	38675	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2011.04	-61.39	-50	PASS
Band40	5	38675	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2615.70	-60.02	-50	PASS
Band40	5	38675	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.20	-60.78	-50	PASS
Band40	5	38675	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-61.32	-50	PASS
Band40	5	38675	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2197.12	-61.31	-50	PASS
Band40	5	38675	25	#0	16QAM	738 MHz-758 MHz	1 MHz	755.86	-62.10	-50	PASS
Band40	5	38675	25	#0	16QAM	753 MHz-783 MHz	1 MHz	781.56	-62.46	-50	PASS
Band40	5	39150	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-50.61	-36	PASS
Band40	5	39150	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.50	-54.76	-36	PASS
Band40	5	39150	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	899.99	-60.15	-36	PASS
Band40	5	39150	1	#0	QPSK	1000 MHz-2337.50 MHz	1 MHz	2337.50	-49.57	-30	PASS
Band40	5	39150	1	#0	QPSK	2362.50 MHz-3000 MHz	1 MHz	2455.47	-47.78	-30	PASS
Band40	5	39150	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5266.88	-50.53	-30	PASS

Band40	5	39150	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2167.42	-60.69	-50	PASS
Band40	5	39150	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1877.53	-61.86	-50	PASS
Band40	5	39150	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2623.64	-60.01	-50	PASS
Band40	5	39150	1	#0	QPSK	925 MHz-960 MHz	1 MHz	926.40	-62.32	-50	PASS
Band40	5	39150	1	#0	QPSK	791 MHz-821 MHz	1 MHz	800.12	-62.23	-50	PASS
Band40	5	39150	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.56	-60.83	-50	PASS
Band40	5	39150	1	#0	QPSK	758 MHz-803 MHz	1 MHz	800.12	-62.19	-50	PASS
Band40	5	39150	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	467.04	-62.61	-50	PASS
Band40	5	39150	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1463.40	-61.77	-50	PASS
Band40	5	39150	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1918.26	-61.57	-50	PASS
Band40	5	39150	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2015.30	-61.21	-50	PASS
Band40	5	39150	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2617.80	-60.01	-50	PASS
Band40	5	39150	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-60.71	-50	PASS
Band40	5	39150	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.24	-50	PASS
Band40	5	39150	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2176.51	-61.00	-50	PASS
Band40	5	39150	1	#0	QPSK	738 MHz-758	1	749.68	-62.03	-50	PASS

						MHz	MHz				
Band40	5	39150	1	#0	QPSK	753 MHz-783 MHz	1 MHz	778.26	-62.39	-50	PASS
Band40	5	39150	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-50.91	-36	PASS
Band40	5	39150	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-56.05	-36	PASS
Band40	5	39150	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	819.19	-60.27	-36	PASS
Band40	5	39150	1	#Max	QPSK	1000 MHz-2337.50 MHz	1 MHz	2337.50	-49.73	-30	PASS
Band40	5	39150	1	#Max	QPSK	2362.50 MHz-3000 MHz	1 MHz	2458.13	-43.82	-30	PASS
Band40	5	39150	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	6602.63	-52.11	-30	PASS
Band40	5	39150	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2165.56	-60.65	-50	PASS
Band40	5	39150	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1878.05	-61.72	-50	PASS
Band40	5	39150	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2633.51	-60.14	-50	PASS
Band40	5	39150	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	931.16	-62.49	-50	PASS
Band40	5	39150	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	795.23	-62.24	-50	PASS
Band40	5	39150	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3588.80	-60.94	-50	PASS
Band40	5	39150	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	800.26	-62.23	-50	PASS
Band40	5	39150	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.07	-62.57	-50	PASS
Band40	5	39150	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1464.50	-61.89	-50	PASS
Band40	5	39150	1	#Max	QPSK	1900	1	1917.06	-61.52	-50	PASS

						MHz-1920 MHz	MHz				
Band40	5	39150	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2022.29	-61.12	-50	PASS
Band40	5	39150	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2615.80	-60.05	-50	PASS
Band40	5	39150	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3597.80	-60.80	-50	PASS
Band40	5	39150	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.24	-50	PASS
Band40	5	39150	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2182.27	-60.97	-50	PASS
Band40	5	39150	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	755.72	-62.01	-50	PASS
Band40	5	39150	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	781.53	-62.37	-50	PASS
Band40	5	39150	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-51.05	-36	PASS
Band40	5	39150	25	#0	QPSK	150 kHz-30 MHz	10 kHz	6.17	-56.48	-36	PASS
Band40	5	39150	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	935.11	-60.41	-36	PASS
Band40	5	39150	25	#0	QPSK	1000 MHz-2337.50 MHz	1 MHz	2337.50	-43.63	-30	PASS
Band40	5	39150	25	#0	QPSK	2362.50 MHz-3000 MHz	1 MHz	2366.75	-44.56	-30	PASS
Band40	5	39150	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5947.75	-52.27	-30	PASS
Band40	5	39150	25	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2168.44	-60.89	-50	PASS
Band40	5	39150	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1848.58	-61.92	-50	PASS
Band40	5	39150	25	#0	QPSK	2620	1	2625.11	-59.74	-50	PASS

						MHz-2690 MHz	MHz				
Band40	5	39150	25	#0	QPSK	925 MHz-960 MHz	1 MHz	925.56	-62.54	-50	PASS
Band40	5	39150	25	#0	QPSK	791 MHz-821 MHz	1 MHz	799.97	-62.28	-50	PASS
Band40	5	39150	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.92	-60.93	-50	PASS
Band40	5	39150	25	#0	QPSK	758 MHz-803 MHz	1 MHz	799.45	-62.27	-50	PASS
Band40	5	39150	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.07	-62.63	-50	PASS
Band40	5	39150	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1452.44	-61.99	-50	PASS
Band40	5	39150	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1913.80	-61.60	-50	PASS
Band40	5	39150	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2019.09	-61.33	-50	PASS
Band40	5	39150	25	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-60.16	-50	PASS
Band40	5	39150	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3596.80	-60.80	-50	PASS
Band40	5	39150	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-61.24	-50	PASS
Band40	5	39150	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2170.03	-61.24	-50	PASS
Band40	5	39150	25	#0	QPSK	738 MHz-758 MHz	1 MHz	751.08	-62.05	-50	PASS
Band40	5	39150	25	#0	QPSK	753 MHz-783 MHz	1 MHz	771.00	-62.40	-50	PASS
Band40	5	39150	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-51.60	-36	PASS
Band40	5	39150	1	#0	16QAM	150 kHz-30 MHz	10 kHz	6.49	-52.49	-36	PASS

Band40	5	39150	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	765.07	-59.95	-36	PASS
Band40	5	39150	1	#0	16QAM	1000 MHz-2337.50 MHz	1 MHz	2333.49	-49.62	-30	PASS
Band40	5	39150	1	#0	16QAM	2362.50 MHz-3000 MHz	1 MHz	2455.47	-48.54	-30	PASS
Band40	5	39150	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5898.19	-52.26	-30	PASS
Band40	5	39150	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2160.10	-60.89	-50	PASS
Band40	5	39150	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1878.20	-61.75	-50	PASS
Band40	5	39150	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2640.09	-60.21	-50	PASS
Band40	5	39150	1	#0	16QAM	925 MHz-960 MHz	1 MHz	934.21	-62.50	-50	PASS
Band40	5	39150	1	#0	16QAM	791 MHz-821 MHz	1 MHz	802.58	-62.28	-50	PASS
Band40	5	39150	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.28	-60.92	-50	PASS
Band40	5	39150	1	#0	16QAM	758 MHz-803 MHz	1 MHz	794.81	-62.36	-50	PASS
Band40	5	39150	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.53	-62.64	-50	PASS
Band40	5	39150	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1494.20	-61.95	-50	PASS
Band40	5	39150	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1919.84	-61.60	-50	PASS
Band40	5	39150	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2024.76	-61.31	-50	PASS
Band40	5	39150	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2616.35	-60.15	-50	PASS

						MHz					
Band40	5	39150	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.40	-60.72	-50	PASS
Band40	5	39150	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3641.80	-61.27	-50	PASS
Band40	5	39150	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2176.51	-60.89	-50	PASS
Band40	5	39150	1	#0	16QAM	738 MHz-758 MHz	1 MHz	755.24	-62.07	-50	PASS
Band40	5	39150	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.01	-62.40	-50	PASS
Band40	5	39150	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-50.21	-36	PASS
Band40	5	39150	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	6.24	-55.54	-36	PASS
Band40	5	39150	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	812.69	-60.29	-36	PASS
Band40	5	39150	1	#Max	16QAM	1000 MHz-2337.50 MHz	1 MHz	2337.50	-49.52	-30	PASS
Band40	5	39150	1	#Max	16QAM	2362.50 MHz-3000 MHz	1 MHz	2459.19	-47.89	-30	PASS
Band40	5	39150	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	6598.56	-52.30	-30	PASS
Band40	5	39150	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2159.80	-60.78	-50	PASS
Band40	5	39150	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1873.40	-61.80	-50	PASS
Band40	5	39150	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2625.53	-59.19	-50	PASS
Band40	5	39150	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	927.35	-62.48	-50	PASS
Band40	5	39150	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	799.58	-62.21	-50	PASS
Band40	5	39150	1	#Max	16QAM	3510	1	3586.64	-60.88	-50	PASS

						MHz-3590 MHz	MHz				
Band40	5	39150	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	800.71	-62.29	-50	PASS
Band40	5	39150	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.54	-62.55	-50	PASS
Band40	5	39150	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1470.70	-61.87	-50	PASS
Band40	5	39150	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1908.82	-61.59	-50	PASS
Band40	5	39150	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2015.18	-61.31	-50	PASS
Band40	5	39150	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2616.10	-60.10	-50	PASS
Band40	5	39150	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3596.40	-60.78	-50	PASS
Band40	5	39150	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-61.11	-50	PASS
Band40	5	39150	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2180.11	-61.10	-50	PASS
Band40	5	39150	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	750.12	-62.07	-50	PASS
Band40	5	39150	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	781.83	-62.45	-50	PASS
Band40	5	39150	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.07	-36	PASS
Band40	5	39150	25	#0	16QAM	150 kHz-30 MHz	10 kHz	6.14	-54.67	-36	PASS
Band40	5	39150	25	#0	16QAM	30 MHz-1000 MHz	100 kHz	794.17	-60.24	-36	PASS
Band40	5	39150	25	#0	16QAM	1000 MHz-2337.50 MHz	1 MHz	2337.50	-47.63	-30	PASS
Band40	5	39150	25	#0	16QAM	2362.50 MHz-3000 MHz	1 MHz	2363.03	-46.65	-30	PASS

						MHz					
Band40	5	39150	25	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6635.13	-52.25	-30	PASS
Band40	5	39150	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2153.62	-61.11	-50	PASS
Band40	5	39150	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1879.70	-61.85	-50	PASS
Band40	5	39150	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2650.17	-60.36	-50	PASS
Band40	5	39150	25	#0	16QAM	925 MHz-960 MHz	1 MHz	931.13	-62.49	-50	PASS
Band40	5	39150	25	#0	16QAM	791 MHz-821 MHz	1 MHz	799.76	-62.24	-50	PASS
Band40	5	39150	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.04	-60.91	-50	PASS
Band40	5	39150	25	#0	16QAM	758 MHz-803 MHz	1 MHz	797.02	-62.23	-50	PASS
Band40	5	39150	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.58	-62.66	-50	PASS
Band40	5	39150	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1492.30	-61.90	-50	PASS
Band40	5	39150	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1919.84	-61.53	-50	PASS
Band40	5	39150	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2015.34	-61.40	-50	PASS
Band40	5	39150	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.55	-60.32	-50	PASS
Band40	5	39150	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3595.40	-60.83	-50	PASS
Band40	5	39150	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-61.22	-50	PASS

Band40	5	39150	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2176.96	-61.28	-50	PASS
Band40	5	39150	25	#0	16QAM	738 MHz-758 MHz	1 MHz	754.60	-62.11	-50	PASS
Band40	5	39150	25	#0	16QAM	753 MHz-783 MHz	1 MHz	774.81	-61.83	-50	PASS
Band40	5	39625	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.40	-36	PASS
Band40	5	39625	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.56	-53.79	-36	PASS
Band40	5	39625	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	796.59	-60.28	-36	PASS
Band40	5	39625	1	#0	QPSK	1000 MHz-2385.00 MHz	1 MHz	2368.38	-49.65	-30	PASS
Band40	5	39625	1	#0	QPSK	2410.00 MHz-3000 MHz	1 MHz	2991.64	-50.24	-30	PASS
Band40	5	39625	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5257.13	-51.39	-30	PASS
Band40	5	39625	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2135.08	-61.18	-50	PASS
Band40	5	39625	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1868.45	-61.90	-50	PASS
Band40	5	39625	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2648.49	-59.99	-50	PASS
Band40	5	39625	1	#0	QPSK	925 MHz-960 MHz	1 MHz	928.33	-62.46	-50	PASS
Band40	5	39625	1	#0	QPSK	791 MHz-821 MHz	1 MHz	799.88	-62.20	-50	PASS
Band40	5	39625	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-60.86	-50	PASS
Band40	5	39625	1	#0	QPSK	758 MHz-803 MHz	1 MHz	799.90	-62.17	-50	PASS
Band40	5	39625	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.55	-62.64	-50	PASS

Band40	5	39625	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1464.67	-61.90	-50	PASS
Band40	5	39625	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1912.68	-61.69	-50	PASS
Band40	5	39625	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2019.18	-61.20	-50	PASS
Band40	5	39625	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2613.75	-59.96	-50	PASS
Band40	5	39625	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3594.00	-60.74	-50	PASS
Band40	5	39625	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.60	-61.22	-50	PASS
Band40	5	39625	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2196.49	-61.39	-50	PASS
Band40	5	39625	1	#0	QPSK	738 MHz-758 MHz	1 MHz	750.34	-62.03	-50	PASS
Band40	5	39625	1	#0	QPSK	753 MHz-783 MHz	1 MHz	781.56	-62.22	-50	PASS
Band40	5	39625	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-51.99	-36	PASS
Band40	5	39625	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	6.48	-53.32	-36	PASS
Band40	5	39625	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	810.07	-59.68	-36	PASS
Band40	5	39625	1	#Max	QPSK	1000 MHz-2385.00 MHz	1 MHz	2385.00	-49.25	-30	PASS
Band40	5	39625	1	#Max	QPSK	2410.00 MHz-3000 MHz	1 MHz	3000.00	-50.03	-30	PASS
Band40	5	39625	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	6436.88	-52.17	-30	PASS
Band40	5	39625	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2169.10	-61.10	-50	PASS

Band40	5	39625	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1877.90	-61.83	-50	PASS
Band40	5	39625	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2627.28	-59.20	-50	PASS
Band40	5	39625	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	927.24	-62.47	-50	PASS
Band40	5	39625	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	800.21	-62.23	-50	PASS
Band40	5	39625	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3586.88	-60.95	-50	PASS
Band40	5	39625	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	800.35	-62.23	-50	PASS
Band40	5	39625	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.51	-62.66	-50	PASS
Band40	5	39625	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1473.74	-61.92	-50	PASS
Band40	5	39625	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1917.54	-61.57	-50	PASS
Band40	5	39625	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2019.59	-61.38	-50	PASS
Band40	5	39625	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2619.65	-59.98	-50	PASS
Band40	5	39625	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3592.80	-60.82	-50	PASS
Band40	5	39625	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.19	-50	PASS
Band40	5	39625	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2186.32	-61.58	-50	PASS
Band40	5	39625	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	755.68	-62.01	-50	PASS
Band40	5	39625	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	783.00	-62.42	-50	PASS

Band40	5	39625	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.11	-49.17	-36	PASS
Band40	5	39625	25	#0	QPSK	150 kHz-30 MHz	10 kHz	2.82	-56.07	-36	PASS
Band40	5	39625	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	798.24	-60.10	-36	PASS
Band40	5	39625	25	#0	QPSK	1000 MHz-2385.00 MHz	1 MHz	2385.00	-47.97	-30	PASS
Band40	5	39625	25	#0	QPSK	2410.00 MHz-3000 MHz	1 MHz	2459.17	-46.48	-30	PASS
Band40	5	39625	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5919.31	-52.30	-30	PASS
Band40	5	39625	25	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2139.64	-61.27	-50	PASS
Band40	5	39625	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1853.23	-61.92	-50	PASS
Band40	5	39625	25	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2665.99	-60.22	-50	PASS
Band40	5	39625	25	#0	QPSK	925 MHz-960 MHz	1 MHz	928.92	-62.48	-50	PASS
Band40	5	39625	25	#0	QPSK	791 MHz-821 MHz	1 MHz	799.67	-62.34	-50	PASS
Band40	5	39625	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3587.20	-60.91	-50	PASS
Band40	5	39625	25	#0	QPSK	758 MHz-803 MHz	1 MHz	799.63	-62.25	-50	PASS
Band40	5	39625	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	466.17	-62.61	-50	PASS
Band40	5	39625	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1455.08	-61.92	-50	PASS
Band40	5	39625	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1914.84	-61.65	-50	PASS
Band40	5	39625	25	#0	QPSK	2010	1	2012.13	-61.46	-50	PASS

						MHz-2025 MHz	MHz				
Band40	5	39625	25	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.50	-60.01	-50	PASS
Band40	5	39625	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3596.60	-60.82	-50	PASS
Band40	5	39625	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.00	-61.16	-50	PASS
Band40	5	39625	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2169.31	-61.40	-50	PASS
Band40	5	39625	25	#0	QPSK	738 MHz-758 MHz	1 MHz	757.04	-62.02	-50	PASS
Band40	5	39625	25	#0	QPSK	753 MHz-783 MHz	1 MHz	781.38	-62.39	-50	PASS
Band40	5	39625	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-50.91	-36	PASS
Band40	5	39625	1	#0	16QAM	150 kHz-30 MHz	10 kHz	6.17	-55.58	-36	PASS
Band40	5	39625	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	917.07	-60.20	-36	PASS
Band40	5	39625	1	#0	16QAM	1000 MHz-2385.00 MHz	1 MHz	2382.23	-49.04	-30	PASS
Band40	5	39625	1	#0	16QAM	2410.00 MHz-3000 MHz	1 MHz	3000.00	-50.05	-30	PASS
Band40	5	39625	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5910.38	-52.34	-30	PASS
Band40	5	39625	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2155.06	-61.31	-50	PASS
Band40	5	39625	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1873.18	-61.98	-50	PASS
Band40	5	39625	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2625.04	-59.64	-50	PASS
Band40	5	39625	1	#0	16QAM	925 MHz-960	1	929.41	-62.51	-50	PASS

						MHz	MHz				
Band40	5	39625	1	#0	16QAM	791 MHz-821 MHz	1 MHz	800.06	-62.22	-50	PASS
Band40	5	39625	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.68	-60.92	-50	PASS
Band40	5	39625	1	#0	16QAM	758 MHz-803 MHz	1 MHz	800.21	-62.31	-50	PASS
Band40	5	39625	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.63	-62.68	-50	PASS
Band40	5	39625	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1458.78	-61.92	-50	PASS
Band40	5	39625	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1919.92	-61.68	-50	PASS
Band40	5	39625	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2024.37	-61.47	-50	PASS
Band40	5	39625	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2616.55	-59.76	-50	PASS
Band40	5	39625	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-60.69	-50	PASS
Band40	5	39625	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3647.60	-61.23	-50	PASS
Band40	5	39625	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2140.60	-61.50	-50	PASS
Band40	5	39625	1	#0	16QAM	738 MHz-758 MHz	1 MHz	757.30	-62.09	-50	PASS
Band40	5	39625	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.55	-62.41	-50	PASS
Band40	5	39625	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.12	-51.05	-36	PASS
Band40	5	39625	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	6.27	-56.03	-36	PASS
Band40	5	39625	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	781.65	-59.88	-36	PASS
Band40	5	39625	1	#Max	16QAM	1000	1	2385.00	-49.59	-30	PASS

						MHz-2385.00 MHz	MHz				
Band40	5	39625	1	#Max	16QAM	2410.00 MHz-3000 MHz	1 MHz	3000.00	-49.94	-30	PASS
Band40	5	39625	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	6567.69	-52.28	-30	PASS
Band40	5	39625	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2137.36	-60.96	-50	PASS
Band40	5	39625	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1870.03	-61.89	-50	PASS
Band40	5	39625	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2658.29	-60.17	-50	PASS
Band40	5	39625	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	925.28	-62.47	-50	PASS
Band40	5	39625	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	799.91	-62.22	-50	PASS
Band40	5	39625	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.12	-60.91	-50	PASS
Band40	5	39625	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	797.92	-62.24	-50	PASS
Band40	5	39625	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.93	-62.71	-50	PASS
Band40	5	39625	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1461.72	-62.01	-50	PASS
Band40	5	39625	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1918.04	-61.62	-50	PASS
Band40	5	39625	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2011.46	-61.43	-50	PASS
Band40	5	39625	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2612.60	-59.87	-50	PASS
Band40	5	39625	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-60.76	-50	PASS

						MHz					
Band40	5	39625	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-61.22	-50	PASS
Band40	5	39625	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2178.13	-61.56	-50	PASS
Band40	5	39625	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	756.08	-62.04	-50	PASS
Band40	5	39625	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	781.05	-62.44	-50	PASS
Band40	5	39625	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-50.84	-36	PASS
Band40	5	39625	25	#0	16QAM	150 kHz-30 MHz	10 kHz	6.17	-55.14	-36	PASS
Band40	5	39625	25	#0	16QAM	30 MHz-1000 MHz	100 kHz	800.96	-60.24	-36	PASS
Band40	5	39625	25	#0	16QAM	1000 MHz-2385.00 MHz	1 MHz	2385.00	-48.33	-30	PASS
Band40	5	39625	25	#0	16QAM	2410.00 MHz-3000 MHz	1 MHz	2410.49	-48.51	-30	PASS
Band40	5	39625	25	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6578.25	-52.28	-30	PASS
Band40	5	39625	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2126.32	-61.46	-50	PASS
Band40	5	39625	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1878.20	-61.97	-50	PASS
Band40	5	39625	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2628.33	-59.77	-50	PASS
Band40	5	39625	25	#0	16QAM	925 MHz-960 MHz	1 MHz	928.57	-62.51	-50	PASS
Band40	5	39625	25	#0	16QAM	791 MHz-821 MHz	1 MHz	799.88	-62.34	-50	PASS
Band40	5	39625	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3588.16	-60.96	-50	PASS
Band40	5	39625	25	#0	16QAM	758 MHz-803 MHz	1 MHz	800.30	-62.32	-50	PASS

						MHz	MHz				
Band40	5	39625	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.16	-62.75	-50	PASS
Band40	5	39625	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1490.06	-62.01	-50	PASS
Band40	5	39625	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1919.64	-61.72	-50	PASS
Band40	5	39625	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2012.63	-61.56	-50	PASS
Band40	5	39625	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2611.55	-60.33	-50	PASS
Band40	5	39625	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-60.78	-50	PASS
Band40	5	39625	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-61.31	-50	PASS
Band40	5	39625	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2194.51	-61.63	-50	PASS
Band40	5	39625	25	#0	16QAM	738 MHz-758 MHz	1 MHz	751.48	-62.13	-50	PASS
Band40	5	39625	25	#0	16QAM	753 MHz-783 MHz	1 MHz	781.95	-62.40	-50	PASS
Band40	20	38750	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-50.75	-36	PASS
Band40	20	38750	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.06	-55.75	-36	PASS
Band40	20	38750	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	783.01	-59.96	-36	PASS
Band40	20	38750	1	#0	QPSK	1000 MHz-2275.00 MHz	1 MHz	2262.25	-49.94	-30	PASS
Band40	20	38750	1	#0	QPSK	2345.00 MHz-3000 MHz	1 MHz	2999.45	-50.19	-30	PASS
Band40	20	38750	1	#0	QPSK	3000 MHz-12.75 MHz	1 MHz	6503.50	-52.43	-30	PASS

						GHz					
Band40	20	38750	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2143.06	-60.20	-50	PASS
Band40	20	38750	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1872.95	-61.81	-50	PASS
Band40	20	38750	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2677.82	-60.27	-50	PASS
Band40	20	38750	1	#0	QPSK	925 MHz-960 MHz	1 MHz	926.44	-62.52	-50	PASS
Band40	20	38750	1	#0	QPSK	791 MHz-821 MHz	1 MHz	798.08	-62.30	-50	PASS
Band40	20	38750	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.20	-60.94	-50	PASS
Band40	20	38750	1	#0	QPSK	758 MHz-803 MHz	1 MHz	800.12	-62.29	-50	PASS
Band40	20	38750	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	462.53	-62.68	-50	PASS
Band40	20	38750	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1459.30	-62.02	-50	PASS
Band40	20	38750	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1918.70	-61.52	-50	PASS
Band40	20	38750	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2023.53	-61.07	-50	PASS
Band40	20	38750	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.10	-58.82	-50	PASS
Band40	20	38750	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-60.74	-50	PASS
Band40	20	38750	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.27	-50	PASS
Band40	20	38750	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2194.42	-60.59	-50	PASS

Band40	20	38750	1	#0	QPSK	738 MHz-758 MHz	1 MHz	755.44	-62.09	-50	PASS
Band40	20	38750	1	#0	QPSK	753 MHz-783 MHz	1 MHz	782.10	-62.29	-50	PASS
Band40	20	38750	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-50.59	-36	PASS
Band40	20	38750	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-56.01	-36	PASS
Band40	20	38750	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	899.99	-60.21	-36	PASS
Band40	20	38750	1	#Max	QPSK	1000 MHz-2275.00 MHz	1 MHz	2275.00	-49.93	-30	PASS
Band40	20	38750	1	#Max	QPSK	2345.00 MHz-3000 MHz	1 MHz	2354.28	-41.43	-30	PASS
Band40	20	38750	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	5909.56	-52.25	-30	PASS
Band40	20	38750	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2139.58	-60.58	-50	PASS
Band40	20	38750	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1859.08	-61.90	-50	PASS
Band40	20	38750	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2621.47	-58.62	-50	PASS
Band40	20	38750	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	925.21	-62.53	-50	PASS
Band40	20	38750	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	800.09	-62.27	-50	PASS
Band40	20	38750	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3588.24	-60.96	-50	PASS
Band40	20	38750	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	799.63	-62.08	-50	PASS
Band40	20	38750	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	462.86	-62.63	-50	PASS
Band40	20	38750	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1484.56	-61.92	-50	PASS

Band40	20	38750	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1915.76	-61.49	-50	PASS
Band40	20	38750	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2014.32	-61.09	-50	PASS
Band40	20	38750	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2614.95	-60.06	-50	PASS
Band40	20	38750	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3592.40	-60.80	-50	PASS
Band40	20	38750	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3675.00	-61.27	-50	PASS
Band40	20	38750	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2144.47	-60.91	-50	PASS
Band40	20	38750	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	750.08	-62.11	-50	PASS
Band40	20	38750	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	775.32	-62.31	-50	PASS
Band40	20	38750	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-51.15	-36	PASS
Band40	20	38750	100	#0	QPSK	150 kHz-30 MHz	10 kHz	6.15	-55.12	-36	PASS
Band40	20	38750	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	764.10	-60.17	-36	PASS
Band40	20	38750	100	#0	QPSK	1000 MHz-2275.00 MHz	1 MHz	2275.00	-49.00	-30	PASS
Band40	20	38750	100	#0	QPSK	2345.00 MHz-3000 MHz	1 MHz	2347.18	-46.88	-30	PASS
Band40	20	38750	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5899.00	-52.36	-30	PASS
Band40	20	38750	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2140.42	-60.81	-50	PASS
Band40	20	38750	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1875.73	-61.86	-50	PASS

Band40	20	38750	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2621.61	-59.76	-50	PASS
Band40	20	38750	100	#0	QPSK	925 MHz-960 MHz	1 MHz	934.63	-62.59	-50	PASS
Band40	20	38750	100	#0	QPSK	791 MHz-821 MHz	1 MHz	793.79	-62.26	-50	PASS
Band40	20	38750	100	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.80	-60.99	-50	PASS
Band40	20	38750	100	#0	QPSK	758 MHz-803 MHz	1 MHz	796.93	-62.33	-50	PASS
Band40	20	38750	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	462.83	-62.67	-50	PASS
Band40	20	38750	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1492.22	-61.93	-50	PASS
Band40	20	38750	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1918.70	-61.52	-50	PASS
Band40	20	38750	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2020.46	-61.24	-50	PASS
Band40	20	38750	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-60.27	-50	PASS
Band40	20	38750	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3536.00	-54.50	-50	PASS
Band40	20	38750	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.00	-61.29	-50	PASS
Band40	20	38750	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2198.74	-60.65	-50	PASS
Band40	20	38750	100	#0	QPSK	738 MHz-758 MHz	1 MHz	757.82	-62.03	-50	PASS
Band40	20	38750	100	#0	QPSK	753 MHz-783 MHz	1 MHz	779.52	-62.38	-50	PASS
Band40	20	38750	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-50.70	-36	PASS
Band40	20	38750	1	#0	16QAM	150 kHz-30	10	6.11	-51.54	-36	PASS

						MHz	kHz				
Band40	20	38750	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	825.40	-60.17	-36	PASS
Band40	20	38750	1	#0	16QAM	1000 MHz-2275.00 MHz	1 MHz	2263.53	-49.95	-30	PASS
Band40	20	38750	1	#0	16QAM	2345.00 MHz-3000 MHz	1 MHz	2998.91	-50.33	-30	PASS
Band40	20	38750	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6601.00	-52.29	-30	PASS
Band40	20	38750	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2130.34	-60.39	-50	PASS
Band40	20	38750	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1875.95	-61.85	-50	PASS
Band40	20	38750	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2627.49	-60.29	-50	PASS
Band40	20	38750	1	#0	16QAM	925 MHz-960 MHz	1 MHz	928.61	-62.55	-50	PASS
Band40	20	38750	1	#0	16QAM	791 MHz-821 MHz	1 MHz	794.72	-62.32	-50	PASS
Band40	20	38750	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3587.12	-60.95	-50	PASS
Band40	20	38750	1	#0	16QAM	758 MHz-803 MHz	1 MHz	799.85	-62.34	-50	PASS
Band40	20	38750	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.60	-62.67	-50	PASS
Band40	20	38750	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1486.14	-61.98	-50	PASS
Band40	20	38750	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1900.32	-60.40	-50	PASS
Band40	20	38750	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2015.36	-61.17	-50	PASS
Band40	20	38750	1	#0	16QAM	2570	1	2615.70	-60.42	-50	PASS

						MHz-2620 MHz	MHz				
Band40	20	38750	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3599.60	-60.84	-50	PASS
Band40	20	38750	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-61.34	-50	PASS
Band40	20	38750	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2193.25	-60.98	-50	PASS
Band40	20	38750	1	#0	16QAM	738 MHz-758 MHz	1 MHz	757.52	-62.08	-50	PASS
Band40	20	38750	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.85	-62.44	-50	PASS
Band40	20	38750	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-50.67	-36	PASS
Band40	20	38750	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	6.33	-55.95	-36	PASS
Band40	20	38750	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	781.75	-60.26	-36	PASS
Band40	20	38750	1	#Max	16QAM	1000 MHz-2275.00 MHz	1 MHz	2272.45	-49.94	-30	PASS
Band40	20	38750	1	#Max	16QAM	2345.00 MHz-3000 MHz	1 MHz	2454.71	-45.02	-30	PASS
Band40	20	38750	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	5255.50	-51.15	-30	PASS
Band40	20	38750	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2134.96	-60.80	-50	PASS
Band40	20	38750	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1878.28	-61.87	-50	PASS
Band40	20	38750	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2655.56	-60.41	-50	PASS
Band40	20	38750	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	937.50	-62.57	-50	PASS
Band40	20	38750	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	800.21	-62.24	-50	PASS

Band40	20	38750	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.52	-61.01	-50	PASS
Band40	20	38750	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	794.18	-62.29	-50	PASS
Band40	20	38750	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.11	-62.55	-50	PASS
Band40	20	38750	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1491.25	-61.96	-50	PASS
Band40	20	38750	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1915.48	-61.50	-50	PASS
Band40	20	38750	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2019.42	-61.13	-50	PASS
Band40	20	38750	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2618.95	-60.19	-50	PASS
Band40	20	38750	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3597.00	-60.83	-50	PASS
Band40	20	38750	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.80	-61.24	-50	PASS
Band40	20	38750	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2159.95	-61.03	-50	PASS
Band40	20	38750	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	749.26	-62.10	-50	PASS
Band40	20	38750	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	777.45	-62.36	-50	PASS
Band40	20	38750	100	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-52.06	-36	PASS
Band40	20	38750	100	#0	16QAM	150 kHz-30 MHz	10 kHz	6.01	-54.52	-36	PASS
Band40	20	38750	100	#0	16QAM	30 MHz-1000 MHz	100 kHz	799.99	-59.78	-36	PASS
Band40	20	38750	100	#0	16QAM	1000 MHz-2275.00 MHz	1 MHz	2275.00	-49.19	-30	PASS
Band40	20	38750	100	#0	16QAM	2345.00	1	2345.55	-47.86	-30	PASS

						MHz-3000 MHz	MHz				
Band40	20	38750	100	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5933.13	-52.32	-30	PASS
Band40	20	38750	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2130.82	-61.05	-50	PASS
Band40	20	38750	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1877.38	-61.99	-50	PASS
Band40	20	38750	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2673.41	-60.47	-50	PASS
Band40	20	38750	100	#0	16QAM	925 MHz-960 MHz	1 MHz	931.34	-62.58	-50	PASS
Band40	20	38750	100	#0	16QAM	791 MHz-821 MHz	1 MHz	799.85	-62.29	-50	PASS
Band40	20	38750	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.92	-61.01	-50	PASS
Band40	20	38750	100	#0	16QAM	758 MHz-803 MHz	1 MHz	800.12	-62.21	-50	PASS
Band40	20	38750	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.88	-62.76	-50	PASS
Band40	20	38750	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1454.46	-62.02	-50	PASS
Band40	20	38750	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1904.04	-59.47	-50	PASS
Band40	20	38750	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2022.65	-61.36	-50	PASS
Band40	20	38750	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2618.95	-60.50	-50	PASS
Band40	20	38750	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-60.76	-50	PASS
Band40	20	38750	100	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-61.21	-50	PASS

						MHz					
Band40	20	38750	100	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2143.30	-61.26	-50	PASS
Band40	20	38750	100	#0	16QAM	738 MHz-758 MHz	1 MHz	754.32	-62.06	-50	PASS
Band40	20	38750	100	#0	16QAM	753 MHz-783 MHz	1 MHz	781.80	-62.35	-50	PASS
Band40	20	39150	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-50.12	-36	PASS
Band40	20	39150	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.01	-53.70	-36	PASS
Band40	20	39150	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	799.99	-60.33	-36	PASS
Band40	20	39150	1	#0	QPSK	1000 MHz-2315.00 MHz	1 MHz	2313.69	-49.71	-30	PASS
Band40	20	39150	1	#0	QPSK	2385.00 MHz-3000 MHz	1 MHz	3000.00	-50.20	-30	PASS
Band40	20	39150	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5889.25	-52.34	-30	PASS
Band40	20	39150	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2156.92	-60.65	-50	PASS
Band40	20	39150	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1861.10	-61.86	-50	PASS
Band40	20	39150	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2628.61	-60.03	-50	PASS
Band40	20	39150	1	#0	QPSK	925 MHz-960 MHz	1 MHz	950.24	-61.45	-50	PASS
Band40	20	39150	1	#0	QPSK	791 MHz-821 MHz	1 MHz	800.12	-62.12	-50	PASS
Band40	20	39150	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3585.60	-60.80	-50	PASS
Band40	20	39150	1	#0	QPSK	758 MHz-803 MHz	1 MHz	799.72	-62.21	-50	PASS
Band40	20	39150	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.41	-62.60	-50	PASS

						MHz					
Band40	20	39150	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1469.42	-61.87	-50	PASS
Band40	20	39150	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1915.28	-61.52	-50	PASS
Band40	20	39150	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2023.01	-61.17	-50	PASS
Band40	20	39150	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2617.70	-60.09	-50	PASS
Band40	20	39150	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-60.75	-50	PASS
Band40	20	39150	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.17	-50	PASS
Band40	20	39150	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2167.60	-61.10	-50	PASS
Band40	20	39150	1	#0	QPSK	738 MHz-758 MHz	1 MHz	756.78	-61.97	-50	PASS
Band40	20	39150	1	#0	QPSK	753 MHz-783 MHz	1 MHz	781.77	-62.37	-50	PASS
Band40	20	39150	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-51.13	-36	PASS
Band40	20	39150	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	6.23	-55.59	-36	PASS
Band40	20	39150	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	774.57	-60.03	-36	PASS
Band40	20	39150	1	#Max	QPSK	1000 MHz-2315.00 MHz	1 MHz	2291.33	-49.81	-30	PASS
Band40	20	39150	1	#Max	QPSK	2385.00 MHz-3000 MHz	1 MHz	2394.74	-40.53	-30	PASS
Band40	20	39150	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	5946.13	-52.32	-30	PASS
Band40	20	39150	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2164.12	-60.59	-50	PASS

						MHz					
Band40	20	39150	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1869.80	-61.81	-50	PASS
Band40	20	39150	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2653.95	-60.10	-50	PASS
Band40	20	39150	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	936.83	-62.36	-50	PASS
Band40	20	39150	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	799.64	-62.27	-50	PASS
Band40	20	39150	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-60.88	-50	PASS
Band40	20	39150	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	800.26	-62.15	-50	PASS
Band40	20	39150	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.38	-62.59	-50	PASS
Band40	20	39150	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1472.86	-61.86	-50	PASS
Band40	20	39150	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1918.84	-61.51	-50	PASS
Band40	20	39150	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2019.39	-61.11	-50	PASS
Band40	20	39150	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2618.95	-60.02	-50	PASS
Band40	20	39150	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-60.73	-50	PASS
Band40	20	39150	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3653.80	-61.25	-50	PASS
Band40	20	39150	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2182.36	-60.61	-50	PASS
Band40	20	39150	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	757.18	-61.98	-50	PASS
Band40	20	39150	1	#Max	QPSK	753 MHz-783	1	778.35	-62.33	-50	PASS

						MHz	MHz				
Band40	20	39150	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-52.87	-36	PASS
Band40	20	39150	100	#0	QPSK	150 kHz-30 MHz	10 kHz	6.02	-54.76	-36	PASS
Band40	20	39150	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	936.85	-60.19	-36	PASS
Band40	20	39150	100	#0	QPSK	1000 MHz-2315.00 MHz	1 MHz	2315.00	-46.25	-30	PASS
Band40	20	39150	100	#0	QPSK	2385.00 MHz-3000 MHz	1 MHz	2390.64	-46.79	-30	PASS
Band40	20	39150	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	6542.50	-52.24	-30	PASS
Band40	20	39150	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2168.98	-60.83	-50	PASS
Band40	20	39150	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1878.20	-61.87	-50	PASS
Band40	20	39150	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2646.60	-60.25	-50	PASS
Band40	20	39150	100	#0	QPSK	925 MHz-960 MHz	1 MHz	931.30	-62.42	-50	PASS
Band40	20	39150	100	#0	QPSK	791 MHz-821 MHz	1 MHz	800.03	-62.13	-50	PASS
Band40	20	39150	100	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.24	-60.85	-50	PASS
Band40	20	39150	100	#0	QPSK	758 MHz-803 MHz	1 MHz	799.72	-62.21	-50	PASS
Band40	20	39150	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.91	-62.64	-50	PASS
Band40	20	39150	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1490.10	-61.91	-50	PASS
Band40	20	39150	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1901.26	-60.70	-50	PASS

Band40	20	39150	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2020.55	-61.24	-50	PASS
Band40	20	39150	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-60.20	-50	PASS
Band40	20	39150	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-60.68	-50	PASS
Band40	20	39150	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-61.32	-50	PASS
Band40	20	39150	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2177.86	-61.10	-50	PASS
Band40	20	39150	100	#0	QPSK	738 MHz-758 MHz	1 MHz	757.94	-62.03	-50	PASS
Band40	20	39150	100	#0	QPSK	753 MHz-783 MHz	1 MHz	776.22	-62.42	-50	PASS
Band40	20	39150	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.35	-36	PASS
Band40	20	39150	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-56.51	-36	PASS
Band40	20	39150	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	853.82	-60.32	-36	PASS
Band40	20	39150	1	#0	16QAM	1000 MHz-2315.00 MHz	1 MHz	2305.80	-43.81	-30	PASS
Band40	20	39150	1	#0	16QAM	2385.00 MHz-3000 MHz	1 MHz	2455.21	-46.41	-30	PASS
Band40	20	39150	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	5924.19	-52.28	-30	PASS
Band40	20	39150	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2152.96	-60.56	-50	PASS
Band40	20	39150	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1858.18	-61.96	-50	PASS
Band40	20	39150	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2659.62	-60.34	-50	PASS

Band40	20	39150	1	#0	16QAM	925 MHz-960 MHz	1 MHz	950.24	-61.64	-50	PASS
Band40	20	39150	1	#0	16QAM	791 MHz-821 MHz	1 MHz	800.06	-62.22	-50	PASS
Band40	20	39150	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.04	-60.95	-50	PASS
Band40	20	39150	1	#0	16QAM	758 MHz-803 MHz	1 MHz	800.26	-62.26	-50	PASS
Band40	20	39150	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.48	-62.59	-50	PASS
Band40	20	39150	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1493.05	-61.91	-50	PASS
Band40	20	39150	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1916.06	-61.54	-50	PASS
Band40	20	39150	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2010.42	-61.29	-50	PASS
Band40	20	39150	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2618.45	-60.25	-50	PASS
Band40	20	39150	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.40	-60.70	-50	PASS
Band40	20	39150	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-61.16	-50	PASS
Band40	20	39150	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2172.64	-61.00	-50	PASS
Band40	20	39150	1	#0	16QAM	738 MHz-758 MHz	1 MHz	754.72	-62.04	-50	PASS
Band40	20	39150	1	#0	16QAM	753 MHz-783 MHz	1 MHz	781.68	-62.39	-50	PASS
Band40	20	39150	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.12	-50.32	-36	PASS
Band40	20	39150	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	6.62	-56.83	-36	PASS
Band40	20	39150	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	807.46	-60.17	-36	PASS

Band40	20	39150	1	#Max	16QAM	1000 MHz-2315.00 MHz	1 MHz	2308.43	-49.82	-30	PASS
Band40	20	39150	1	#Max	16QAM	2385.00 MHz-3000 MHz	1 MHz	2394.74	-46.35	-30	PASS
Band40	20	39150	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	6566.88	-52.19	-30	PASS
Band40	20	39150	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2167.66	-60.91	-50	PASS
Band40	20	39150	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1875.43	-61.87	-50	PASS
Band40	20	39150	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2642.68	-60.27	-50	PASS
Band40	20	39150	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	933.54	-62.43	-50	PASS
Band40	20	39150	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	796.07	-62.33	-50	PASS
Band40	20	39150	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3585.60	-60.91	-50	PASS
Band40	20	39150	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	794.32	-62.27	-50	PASS
Band40	20	39150	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	466.22	-62.53	-50	PASS
Band40	20	39150	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1471.01	-61.94	-50	PASS
Band40	20	39150	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1915.46	-61.51	-50	PASS
Band40	20	39150	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2019.47	-61.28	-50	PASS
Band40	20	39150	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2619.75	-60.15	-50	PASS
Band40	20	39150	1	#Max	16QAM	3400	1	3594.00	-60.79	-50	PASS

						MHz-3600 MHz	MHz				
Band40	20	39150	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-61.15	-50	PASS
Band40	20	39150	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2176.15	-61.22	-50	PASS
Band40	20	39150	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	755.26	-61.98	-50	PASS
Band40	20	39150	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	782.61	-62.38	-50	PASS
Band40	20	39150	100	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-51.17	-36	PASS
Band40	20	39150	100	#0	16QAM	150 kHz-30 MHz	10 kHz	6.50	-55.60	-36	PASS
Band40	20	39150	100	#0	16QAM	30 MHz-1000 MHz	100 kHz	794.75	-60.00	-36	PASS
Band40	20	39150	100	#0	16QAM	1000 MHz-2315.00 MHz	1 MHz	2315.00	-45.42	-30	PASS
Band40	20	39150	100	#0	16QAM	2385.00 MHz-3000 MHz	1 MHz	2390.64	-47.65	-30	PASS
Band40	20	39150	100	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6075.31	-52.29	-30	PASS
Band40	20	39150	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2164.78	-61.08	-50	PASS
Band40	20	39150	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1860.13	-61.93	-50	PASS
Band40	20	39150	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2658.99	-60.36	-50	PASS
Band40	20	39150	100	#0	16QAM	925 MHz-960 MHz	1 MHz	932.63	-62.50	-50	PASS
Band40	20	39150	100	#0	16QAM	791 MHz-821 MHz	1 MHz	799.88	-62.16	-50	PASS
Band40	20	39150	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.60	-60.92	-50	PASS

Band40	20	39150	100	#0	16QAM	758 MHz-803 MHz	1 MHz	797.02	-62.33	-50	PASS
Band40	20	39150	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.84	-62.67	-50	PASS
Band40	20	39150	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1476.82	-61.97	-50	PASS
Band40	20	39150	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1900.62	-59.89	-50	PASS
Band40	20	39150	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2020.07	-61.41	-50	PASS
Band40	20	39150	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2593.20	-60.19	-50	PASS
Band40	20	39150	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-60.73	-50	PASS
Band40	20	39150	100	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3655.00	-61.27	-50	PASS
Band40	20	39150	100	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2180.29	-61.15	-50	PASS
Band40	20	39150	100	#0	16QAM	738 MHz-758 MHz	1 MHz	757.96	-62.02	-50	PASS
Band40	20	39150	100	#0	16QAM	753 MHz-783 MHz	1 MHz	775.35	-62.39	-50	PASS
Band40	20	39550	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-52.01	-36	PASS
Band40	20	39550	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.74	-55.57	-36	PASS
Band40	20	39550	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	781.94	-60.16	-36	PASS
Band40	20	39550	1	#0	QPSK	1000 MHz-2355.00 MHz	1 MHz	2345.52	-45.05	-30	PASS
Band40	20	39550	1	#0	QPSK	2425.00 MHz-3000 MHz	1 MHz	2991.85	-50.12	-30	PASS
Band40	20	39550	1	#0	QPSK	3000	1	5927.44	-52.31	-30	PASS

						MHz-12.75 GHz	MHz				
Band40	20	39550	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2139.94	-60.82	-50	PASS
Band40	20	39550	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1871.15	-61.77	-50	PASS
Band40	20	39550	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2659.97	-59.87	-50	PASS
Band40	20	39550	1	#0	QPSK	925 MHz-960 MHz	1 MHz	939.39	-62.36	-50	PASS
Band40	20	39550	1	#0	QPSK	791 MHz-821 MHz	1 MHz	799.70	-62.13	-50	PASS
Band40	20	39550	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.92	-60.75	-50	PASS
Band40	20	39550	1	#0	QPSK	758 MHz-803 MHz	1 MHz	799.58	-62.17	-50	PASS
Band40	20	39550	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.07	-62.51	-50	PASS
Band40	20	39550	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1474.88	-61.74	-50	PASS
Band40	20	39550	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1900.04	-59.54	-50	PASS
Band40	20	39550	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2023.77	-61.22	-50	PASS
Band40	20	39550	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2617.05	-59.72	-50	PASS
Band40	20	39550	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-60.57	-50	PASS
Band40	20	39550	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.60	-61.12	-50	PASS
Band40	20	39550	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2196.40	-60.60	-50	PASS

						MHz					
Band40	20	39550	1	#0	QPSK	738 MHz-758 MHz	1 MHz	756.26	-61.89	-50	PASS
Band40	20	39550	1	#0	QPSK	753 MHz-783 MHz	1 MHz	779.46	-62.22	-50	PASS
Band40	20	39550	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.11	-49.90	-36	PASS
Band40	20	39550	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	6.02	-55.49	-36	PASS
Band40	20	39550	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	781.65	-60.18	-36	PASS
Band40	20	39550	1	#Max	QPSK	1000 MHz-2355.00 MHz	1 MHz	2253.38	-49.79	-30	PASS
Band40	20	39550	1	#Max	QPSK	2425.00 MHz-3000 MHz	1 MHz	2995.69	-50.15	-30	PASS
Band40	20	39550	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	5949.38	-52.19	-30	PASS
Band40	20	39550	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2164.66	-61.14	-50	PASS
Band40	20	39550	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1861.40	-61.85	-50	PASS
Band40	20	39550	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2652.97	-60.05	-50	PASS
Band40	20	39550	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	931.83	-62.41	-50	PASS
Band40	20	39550	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	800.06	-62.21	-50	PASS
Band40	20	39550	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3588.40	-60.87	-50	PASS
Band40	20	39550	1	#Max	QPSK	758 MHz-803 MHz	1 MHz	799.99	-62.24	-50	PASS
Band40	20	39550	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.29	-62.46	-50	PASS
Band40	20	39550	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1462.03	-61.86	-50	PASS

						MHz					
Band40	20	39550	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1918.72	-61.59	-50	PASS
Band40	20	39550	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2019.83	-61.33	-50	PASS
Band40	20	39550	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2616.15	-59.78	-50	PASS
Band40	20	39550	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-60.78	-50	PASS
Band40	20	39550	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3655.00	-61.17	-50	PASS
Band40	20	39550	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2191.09	-61.27	-50	PASS
Band40	20	39550	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	756.72	-61.98	-50	PASS
Band40	20	39550	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	781.11	-62.36	-50	PASS
Band40	20	39550	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.16	-36	PASS
Band40	20	39550	100	#0	QPSK	150 kHz-30 MHz	10 kHz	5.76	-55.38	-36	PASS
Band40	20	39550	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	796.98	-60.04	-36	PASS
Band40	20	39550	100	#0	QPSK	1000 MHz-2355.00 MHz	1 MHz	2352.29	-47.23	-30	PASS
Band40	20	39550	100	#0	QPSK	2425.00 MHz-3000 MHz	1 MHz	2459.02	-47.44	-30	PASS
Band40	20	39550	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	5938.00	-52.26	-30	PASS
Band40	20	39550	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2167.90	-61.08	-50	PASS
Band40	20	39550	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1874.98	-61.81	-50	PASS

						MHz					
Band40	20	39550	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2625.88	-58.67	-50	PASS
Band40	20	39550	100	#0	QPSK	925 MHz-960 MHz	1 MHz	929.69	-62.46	-50	PASS
Band40	20	39550	100	#0	QPSK	791 MHz-821 MHz	1 MHz	792.02	-62.17	-50	PASS
Band40	20	39550	100	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.48	-60.82	-50	PASS
Band40	20	39550	100	#0	QPSK	758 MHz-803 MHz	1 MHz	800.08	-62.18	-50	PASS
Band40	20	39550	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	462.70	-62.58	-50	PASS
Band40	20	39550	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1481.66	-61.85	-50	PASS
Band40	20	39550	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1910.84	-61.56	-50	PASS
Band40	20	39550	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2014.26	-61.25	-50	PASS
Band40	20	39550	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.65	-60.09	-50	PASS
Band40	20	39550	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3410.00	-60.65	-50	PASS
Band40	20	39550	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-61.26	-50	PASS
Band40	20	39550	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2190.91	-61.33	-50	PASS
Band40	20	39550	100	#0	QPSK	738 MHz-758 MHz	1 MHz	751.78	-61.89	-50	PASS
Band40	20	39550	100	#0	QPSK	753 MHz-783 MHz	1 MHz	782.64	-62.31	-50	PASS
Band40	20	39550	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.11	-52.32	-36	PASS

Band40	20	39550	1	#0	16QAM	150 kHz-30 MHz	10 kHz	6.47	-53.06	-36	PASS
Band40	20	39550	1	#0	16QAM	30 MHz-1000 MHz	100 kHz	899.99	-60.09	-36	PASS
Band40	20	39550	1	#0	16QAM	1000 MHz-2355.00 MHz	1 MHz	2345.52	-45.03	-30	PASS
Band40	20	39550	1	#0	16QAM	2425.00 MHz-3000 MHz	1 MHz	2999.04	-50.07	-30	PASS
Band40	20	39550	1	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6579.06	-52.20	-30	PASS
Band40	20	39550	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2169.58	-61.00	-50	PASS
Band40	20	39550	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1860.35	-61.89	-50	PASS
Band40	20	39550	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2635.89	-60.07	-50	PASS
Band40	20	39550	1	#0	16QAM	925 MHz-960 MHz	1 MHz	925.60	-62.38	-50	PASS
Band40	20	39550	1	#0	16QAM	791 MHz-821 MHz	1 MHz	794.24	-62.24	-50	PASS
Band40	20	39550	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.52	-60.84	-50	PASS
Band40	20	39550	1	#0	16QAM	758 MHz-803 MHz	1 MHz	799.76	-62.21	-50	PASS
Band40	20	39550	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	465.19	-62.62	-50	PASS
Band40	20	39550	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1463.04	-61.86	-50	PASS
Band40	20	39550	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1900.54	-59.45	-50	PASS
Band40	20	39550	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2024.99	-61.27	-50	PASS

Band40	20	39550	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.10	-59.09	-50	PASS
Band40	20	39550	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3598.60	-60.68	-50	PASS
Band40	20	39550	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-61.15	-50	PASS
Band40	20	39550	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2199.64	-61.16	-50	PASS
Band40	20	39550	1	#0	16QAM	738 MHz-758 MHz	1 MHz	750.44	-61.98	-50	PASS
Band40	20	39550	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.76	-62.33	-50	PASS
Band40	20	39550	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.13	-36	PASS
Band40	20	39550	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-54.12	-36	PASS
Band40	20	39550	1	#Max	16QAM	30 MHz-1000 MHz	100 kHz	904.36	-60.32	-36	PASS
Band40	20	39550	1	#Max	16QAM	1000 MHz-2355.00 MHz	1 MHz	2284.54	-49.79	-30	PASS
Band40	20	39550	1	#Max	16QAM	2425.00 MHz-3000 MHz	1 MHz	2998.56	-50.13	-30	PASS
Band40	20	39550	1	#Max	16QAM	3000 MHz-12.75 GHz	1 MHz	6521.38	-52.16	-30	PASS
Band40	20	39550	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2139.88	-61.28	-50	PASS
Band40	20	39550	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1862.53	-61.88	-50	PASS
Band40	20	39550	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2623.92	-58.19	-50	PASS
Band40	20	39550	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	934.84	-62.47	-50	PASS
Band40	20	39550	1	#Max	16QAM	791 MHz-821	1	799.94	-62.15	-50	PASS

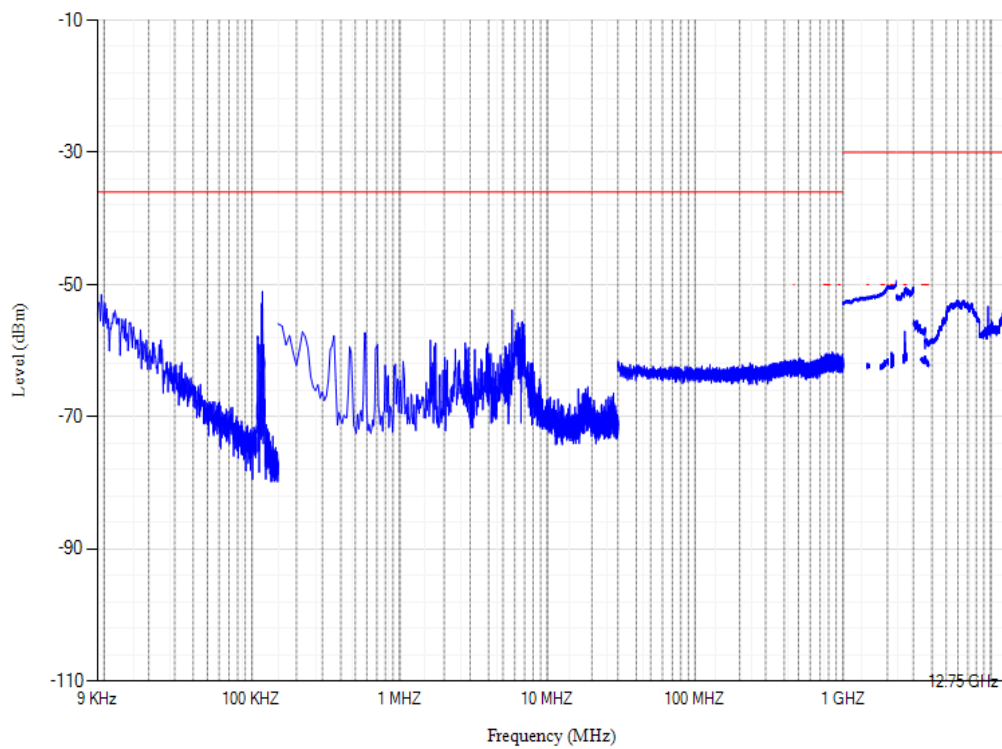
						MHz	MHz				
Band40	20	39550	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.20	-60.90	-50	PASS
Band40	20	39550	1	#Max	16QAM	758 MHz-803 MHz	1 MHz	799.67	-62.17	-50	PASS
Band40	20	39550	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.18	-62.63	-50	PASS
Band40	20	39550	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1474.97	-61.90	-50	PASS
Band40	20	39550	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1917.84	-61.56	-50	PASS
Band40	20	39550	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2021.13	-61.47	-50	PASS
Band40	20	39550	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2618.45	-60.16	-50	PASS
Band40	20	39550	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3599.00	-60.70	-50	PASS
Band40	20	39550	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-61.21	-50	PASS
Band40	20	39550	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2140.06	-61.60	-50	PASS
Band40	20	39550	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	747.02	-61.93	-50	PASS
Band40	20	39550	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	776.31	-62.36	-50	PASS
Band40	20	39550	100	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-51.40	-36	PASS
Band40	20	39550	100	#0	16QAM	150 kHz-30 MHz	10 kHz	6.46	-51.13	-36	PASS
Band40	20	39550	100	#0	16QAM	30 MHz-1000 MHz	100 kHz	899.99	-59.18	-36	PASS
Band40	20	39550	100	#0	16QAM	1000 MHz-2355.00 MHz	1 MHz	2353.65	-47.30	-30	PASS

Band40	20	39550	100	#0	16QAM	2425.00 MHz-3000 MHz	1 MHz	2630.56	-50.15	-30	PASS
Band40	20	39550	100	#0	16QAM	3000 MHz-12.75 GHz	1 MHz	6548.19	-52.10	-30	PASS
Band40	20	39550	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2139.82	-61.12	-50	PASS
Band40	20	39550	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1874.75	-61.92	-50	PASS
Band40	20	39550	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2627.91	-59.81	-50	PASS
Band40	20	39550	100	#0	16QAM	925 MHz-960 MHz	1 MHz	931.93	-62.42	-50	PASS
Band40	20	39550	100	#0	16QAM	791 MHz-821 MHz	1 MHz	800.03	-62.06	-50	PASS
Band40	20	39550	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.04	-60.87	-50	PASS
Band40	20	39550	100	#0	16QAM	758 MHz-803 MHz	1 MHz	799.72	-62.10	-50	PASS
Band40	20	39550	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	462.74	-62.64	-50	PASS
Band40	20	39550	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1490.72	-61.97	-50	PASS
Band40	20	39550	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1900.10	-60.04	-50	PASS
Band40	20	39550	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2019.74	-61.38	-50	PASS
Band40	20	39550	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2617.50	-59.81	-50	PASS
Band40	20	39550	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.20	-60.71	-50	PASS
Band40	20	39550	100	#0	16QAM	3600	1	3654.60	-61.14	-50	PASS

						MHz-3800 MHz	MHz				
Band40	20	39550	100	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2199.28	-61.21	-50	PASS
Band40	20	39550	100	#0	16QAM	738 MHz-758 MHz	1 MHz	754.48	-62.01	-50	PASS
Band40	20	39550	100	#0	16QAM	753 MHz-783 MHz	1 MHz	781.47	-62.34	-50	PASS

Band40 QPSK BW=5MHz Channel=38675 RB Size=1 Position=#0

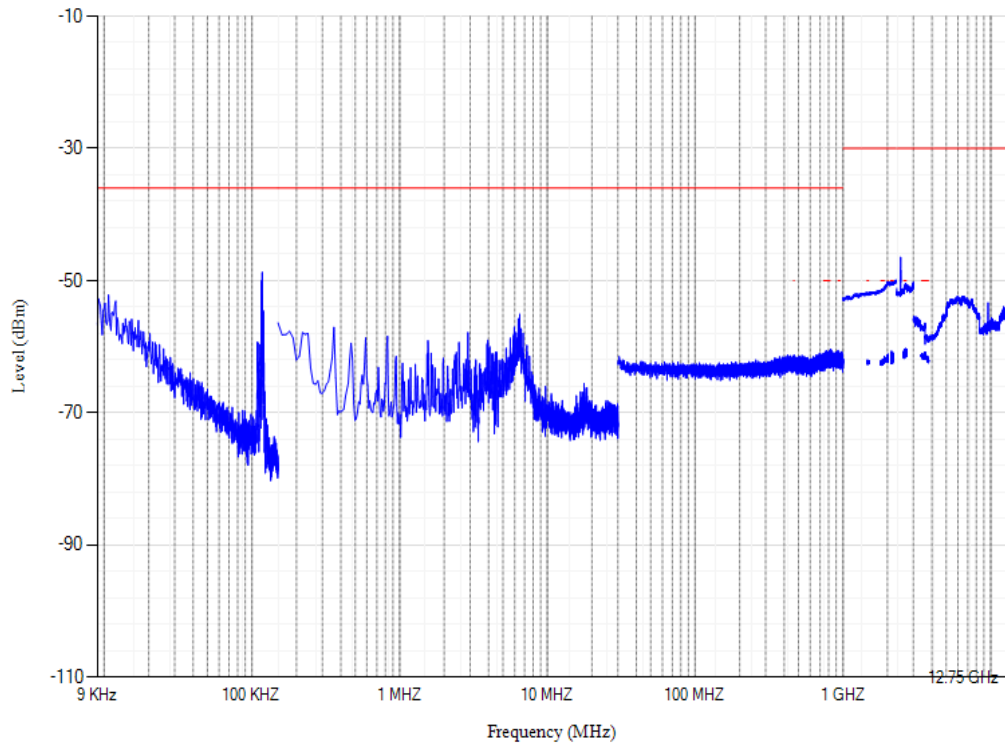
### Conducted spurious emissions



Band40 QPSK BW=5MHz Channel=38675 RB Size=1 Position=#Max

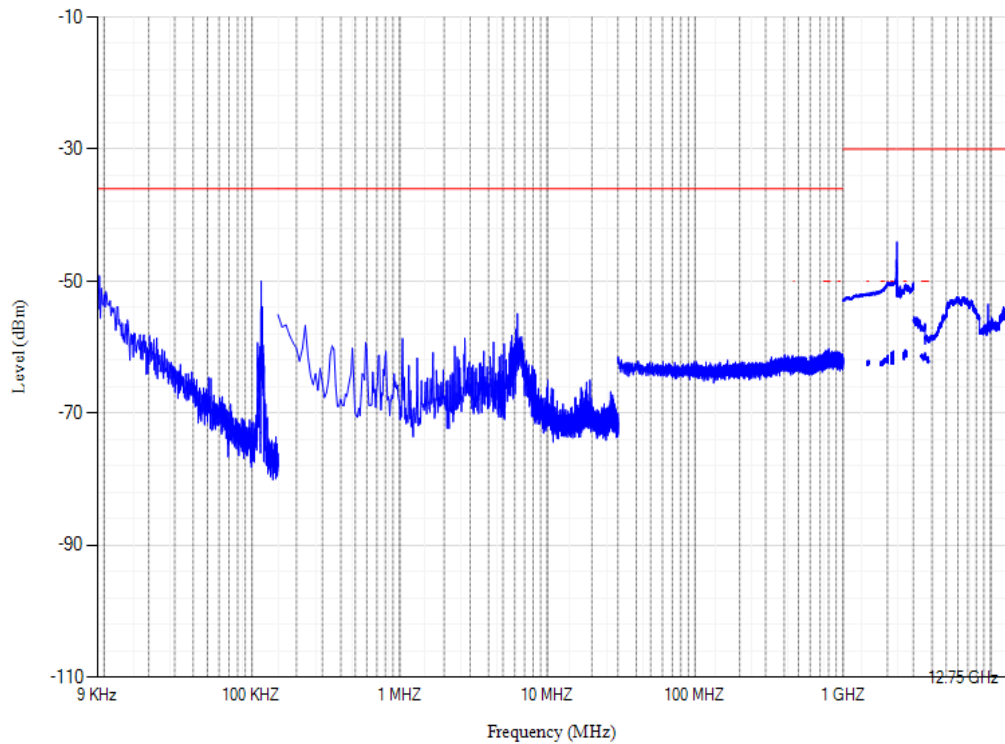


Conducted spurious emissions



Band40 QPSK BW=5MHz Channel=38675 RB Size=25 Position=#0

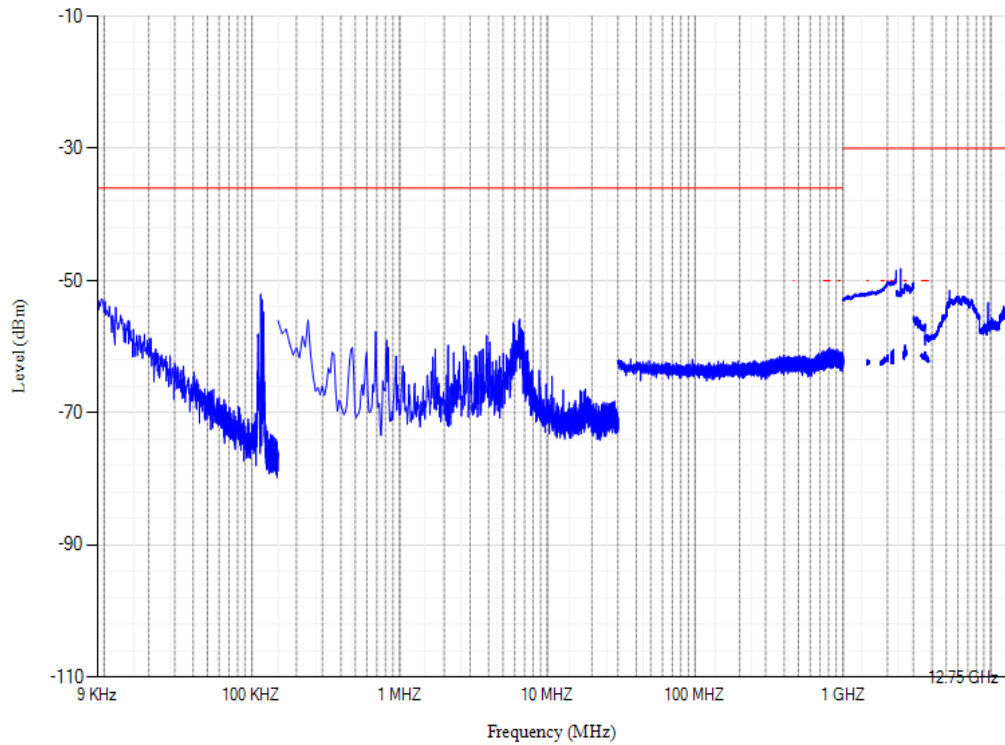
Conducted spurious emissions



Band40 16QAM BW=5MHz Channel=38675 RB Size=1 Position=#0

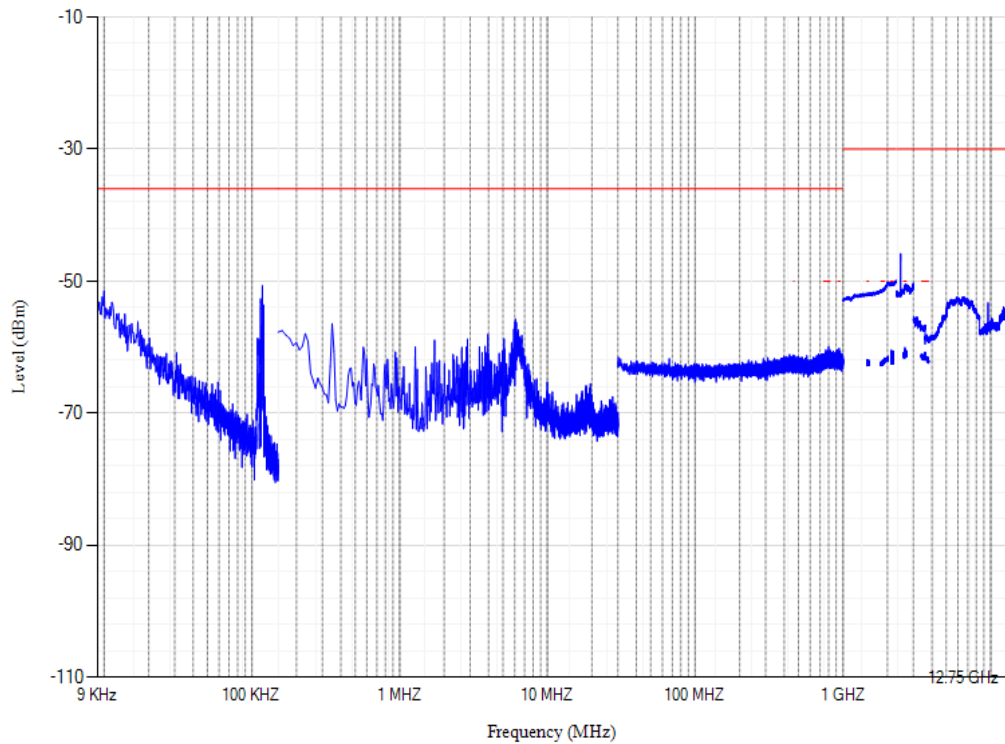


Conducted spurious emissions

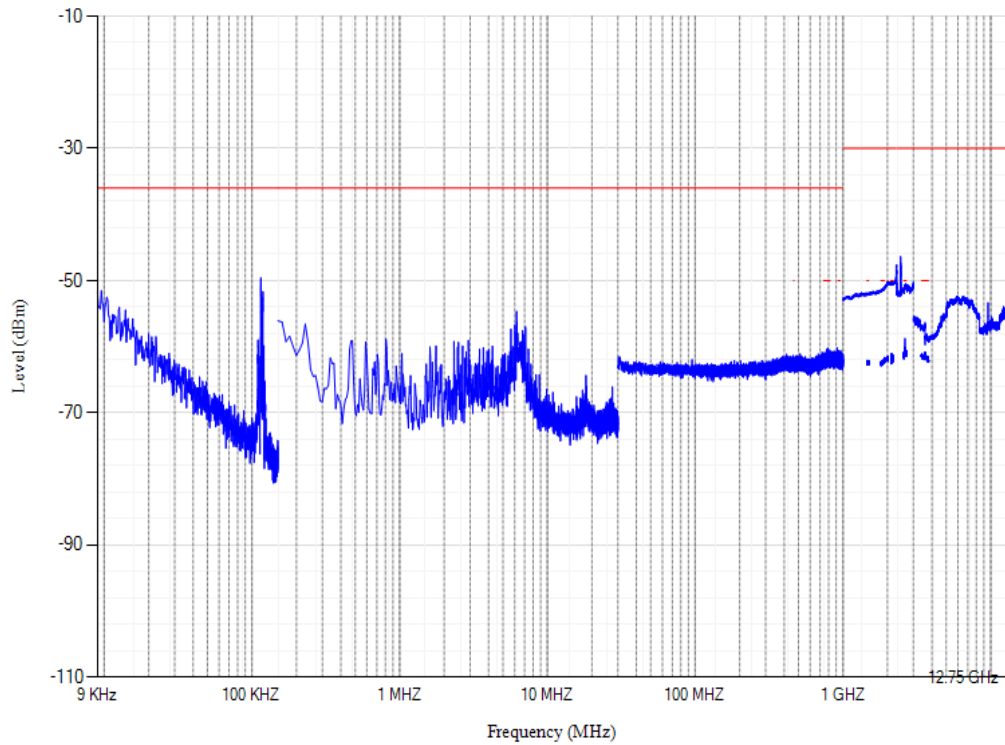
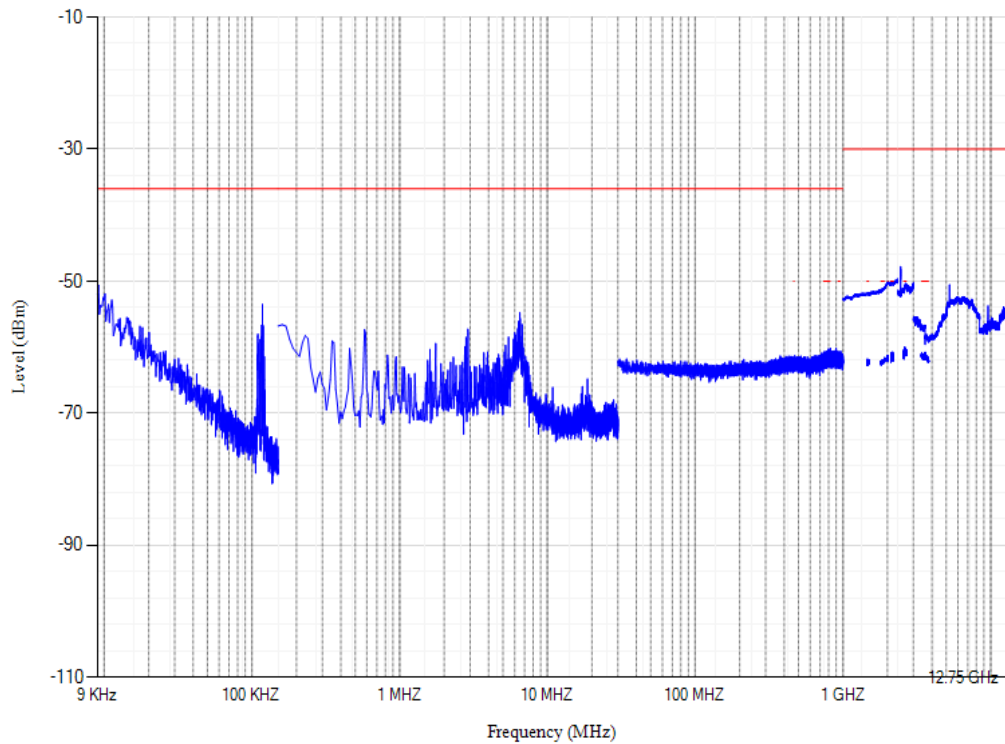


Band40 16QAM BW=5MHz Channel=38675 RB Size=1 Position=#Max

Conducted spurious emissions

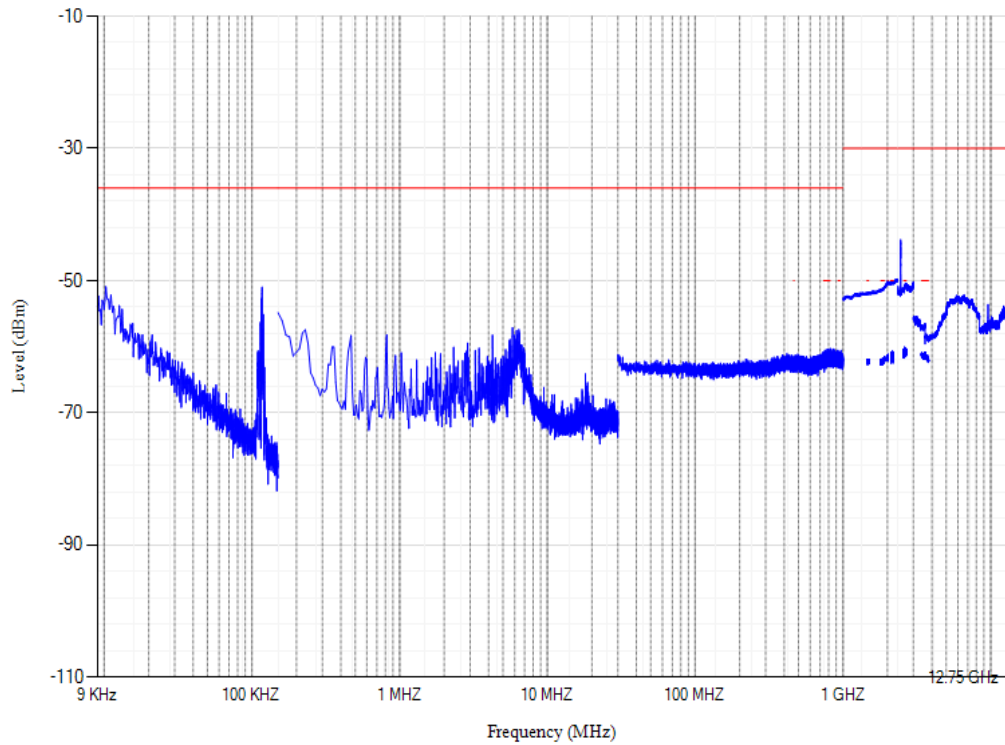


Band40 16QAM BW=5MHz Channel=38675 RB Size=25 Position=#0

**Conducted spurious emissions**

**Conducted spurious emissions**


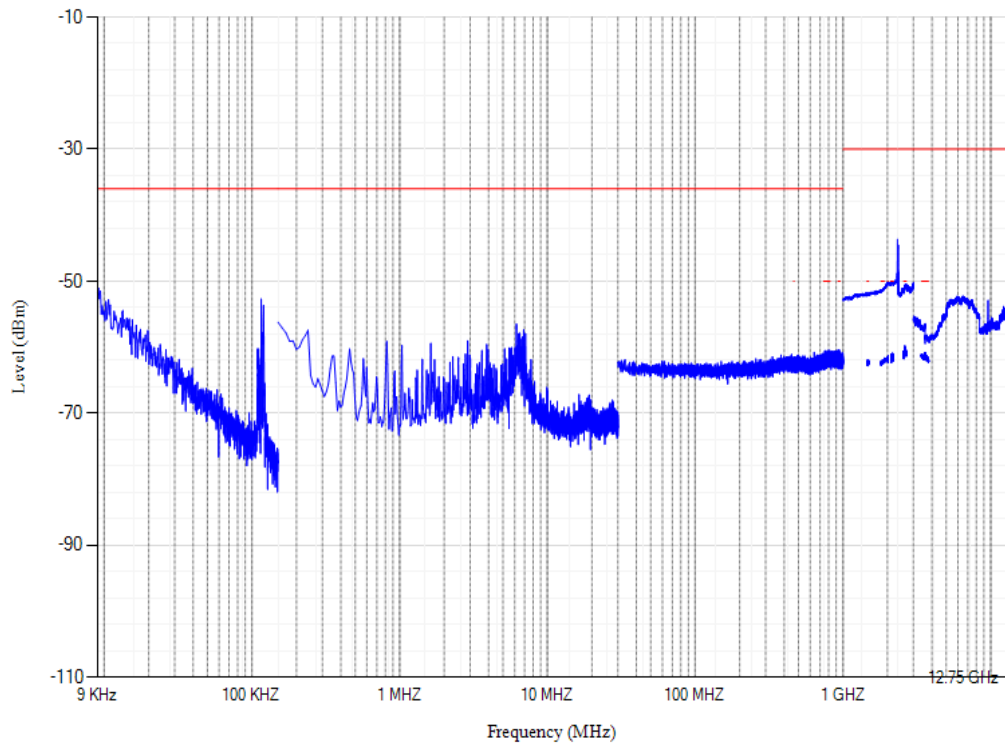


Conducted spurious emissions



Band40 QPSK BW=5MHz Channel=39150 RB Size=25 Position=#0

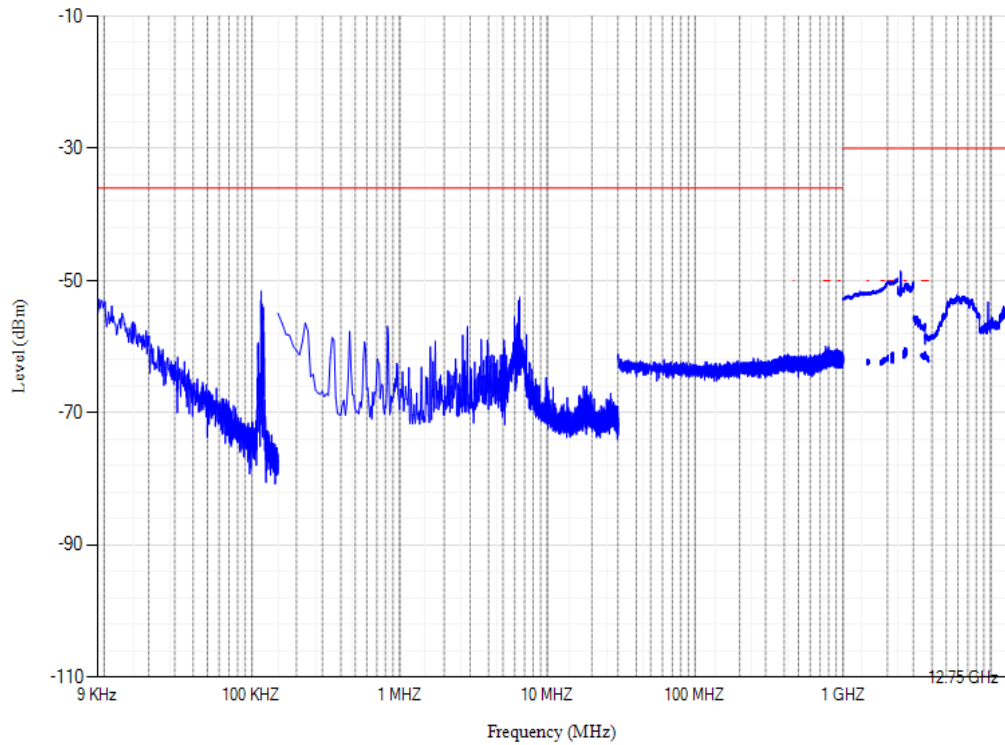
Conducted spurious emissions



Band40 16QAM BW=5MHz Channel=39150 RB Size=1 Position=#0

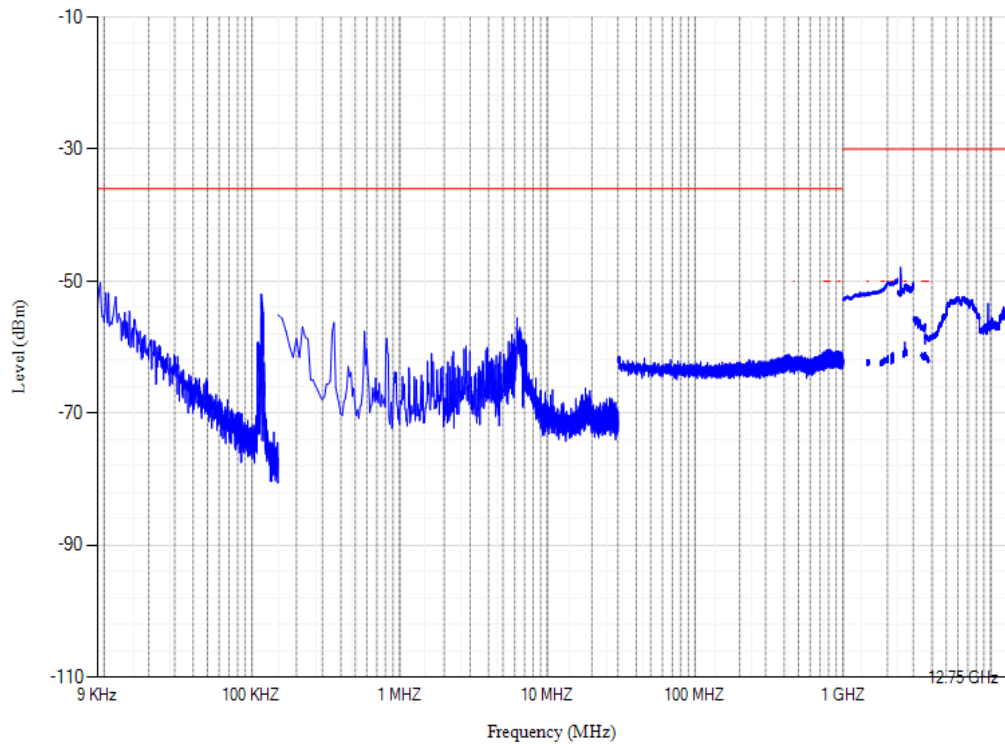


Conducted spurious emissions



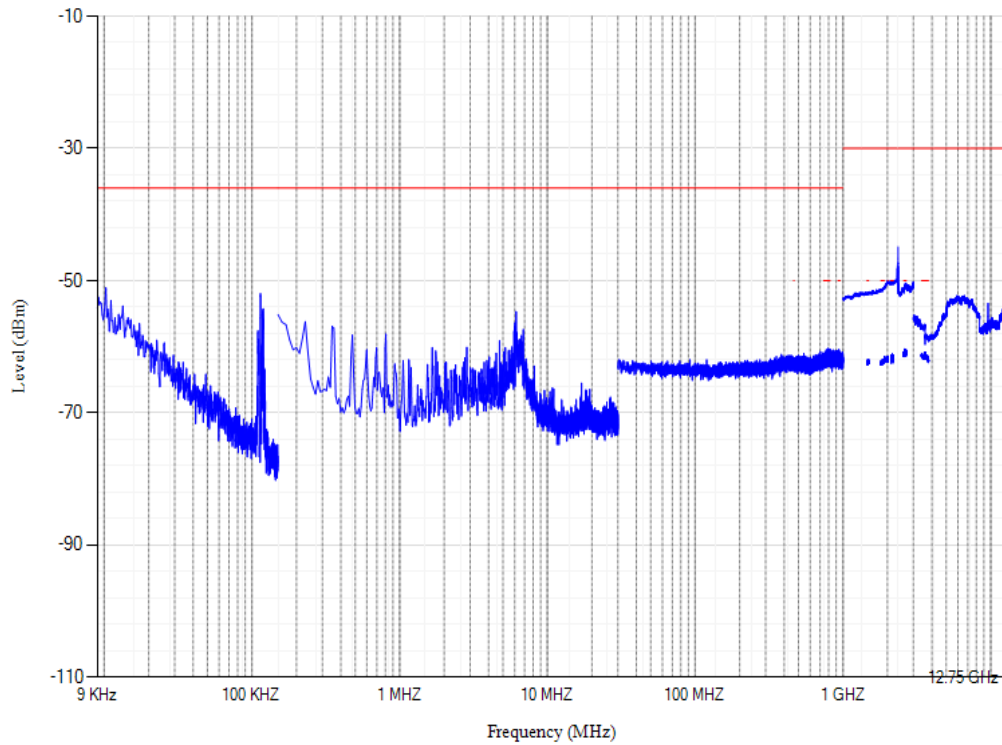
Band40 16QAM BW=5MHz Channel=39150 RB Size=1 Position=#Max

Conducted spurious emissions



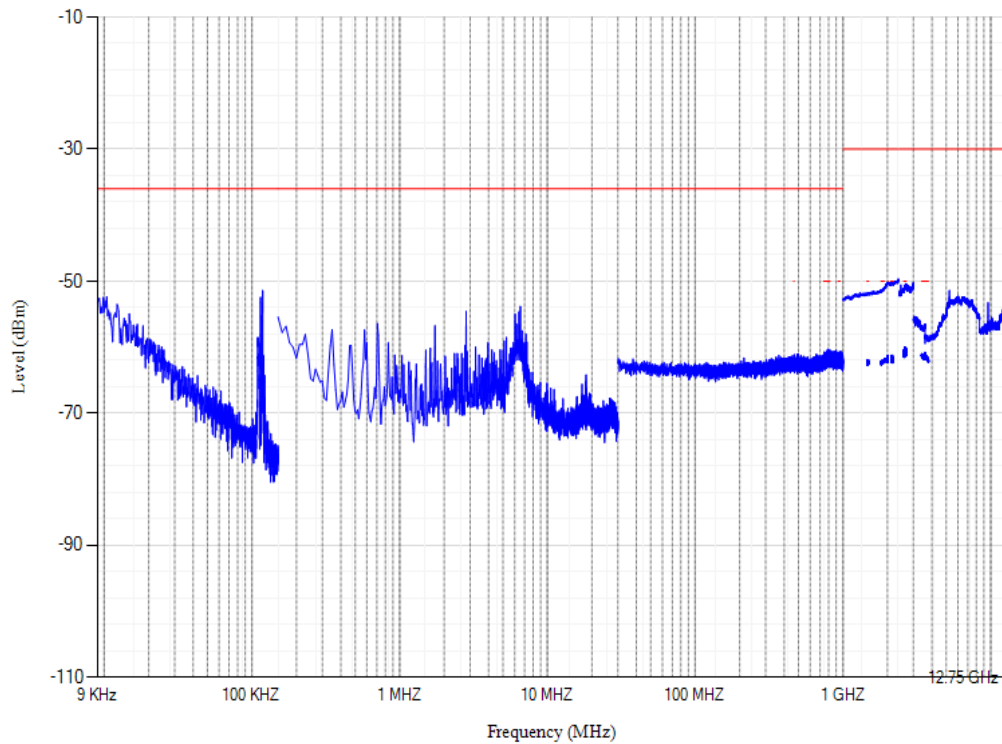
Band40 16QAM BW=5MHz Channel=39150 RB Size=25 Position=#0

### Conducted spurious emissions



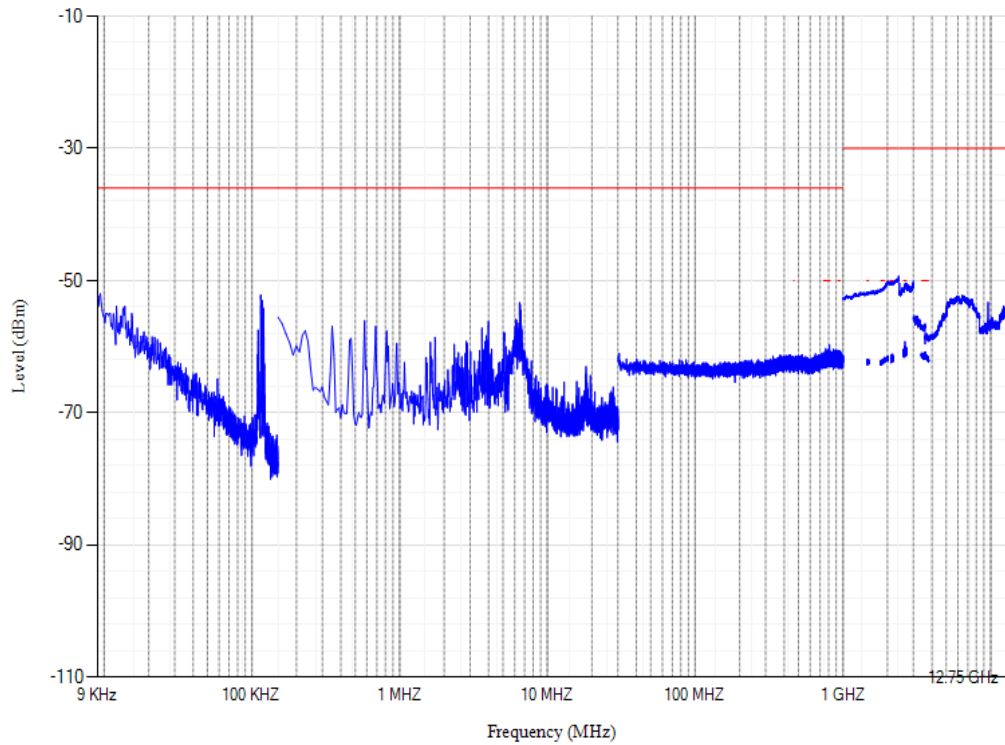
Band40 QPSK BW=5MHz Channel=39625 RB Size=1 Position=#0

### Conducted spurious emissions



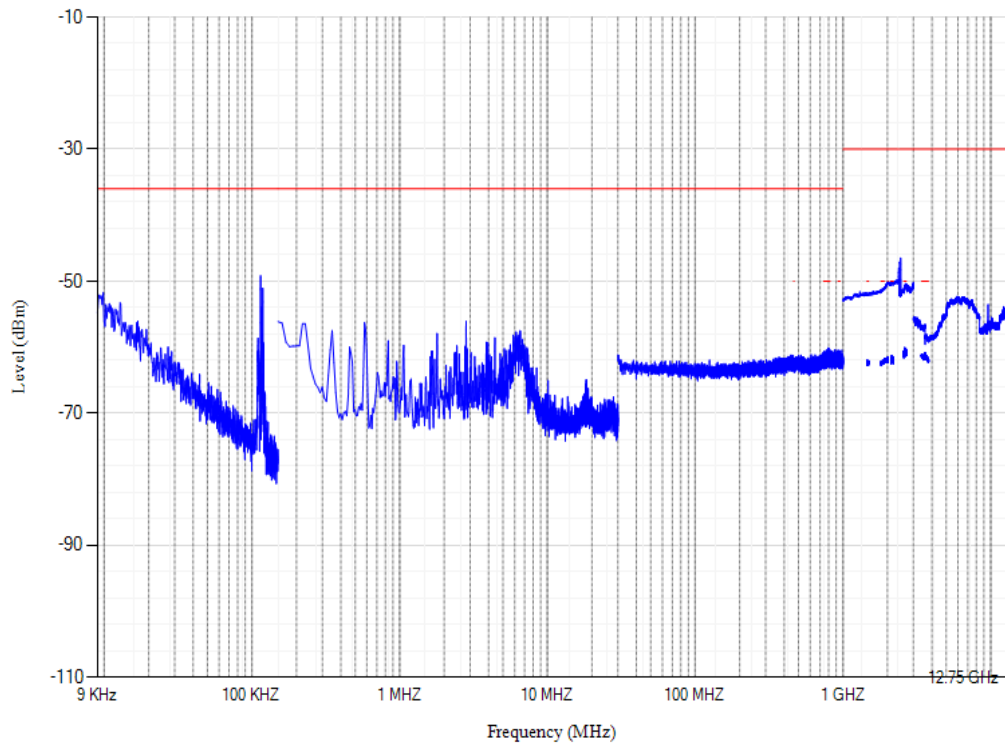
Band40 QPSK BW=5MHz Channel=39625 RB Size=1 Position=#Max

### Conducted spurious emissions

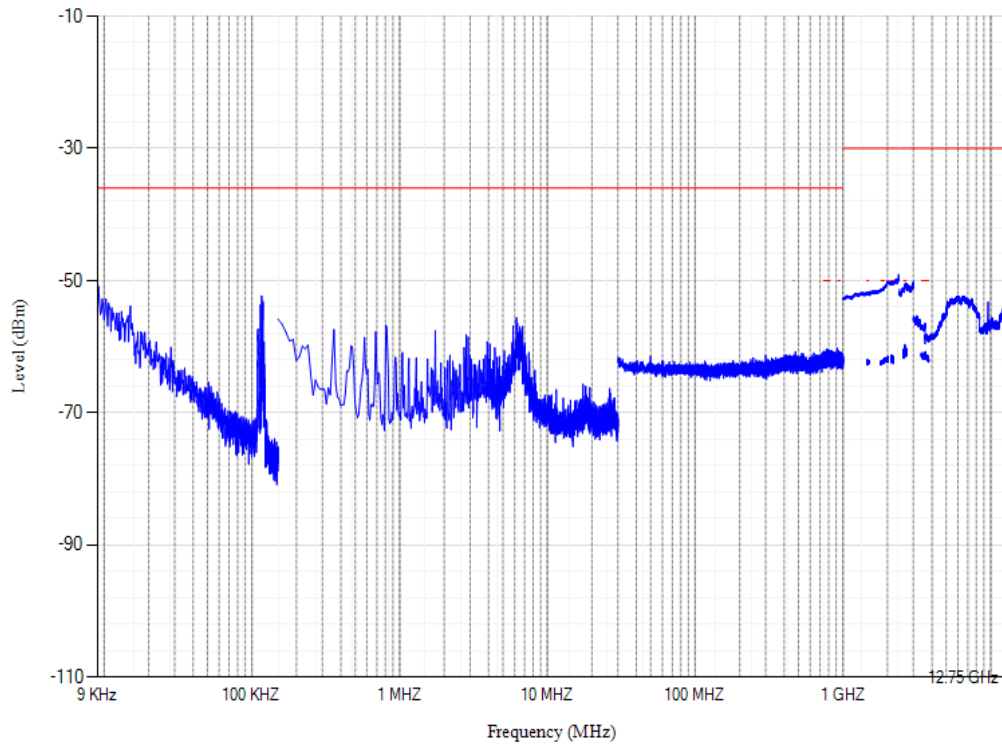
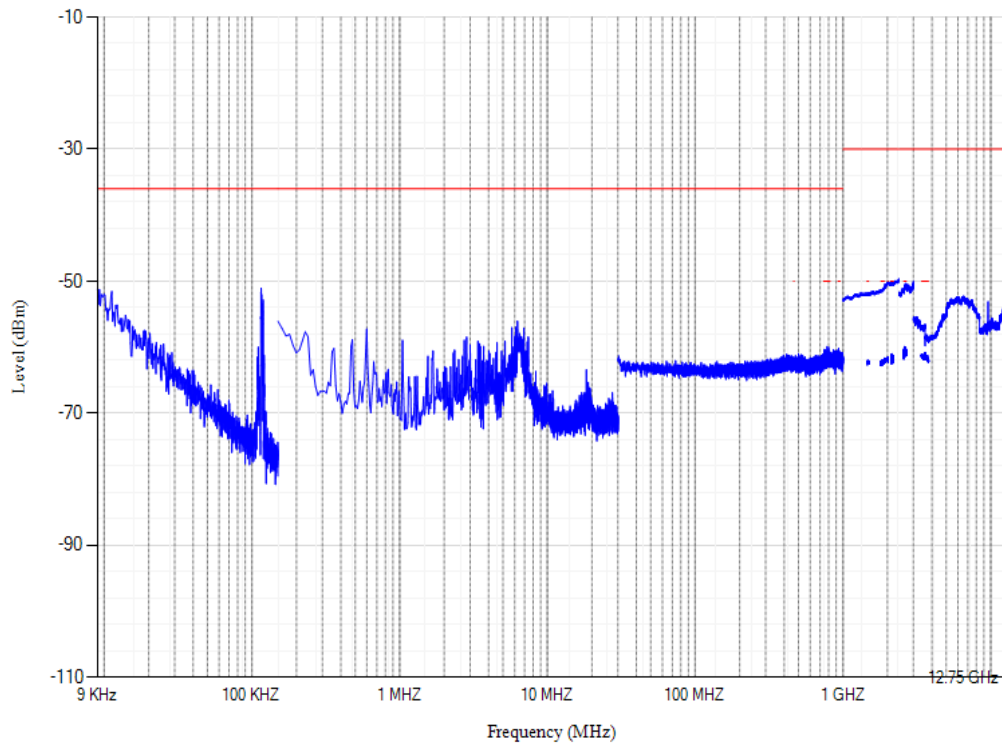


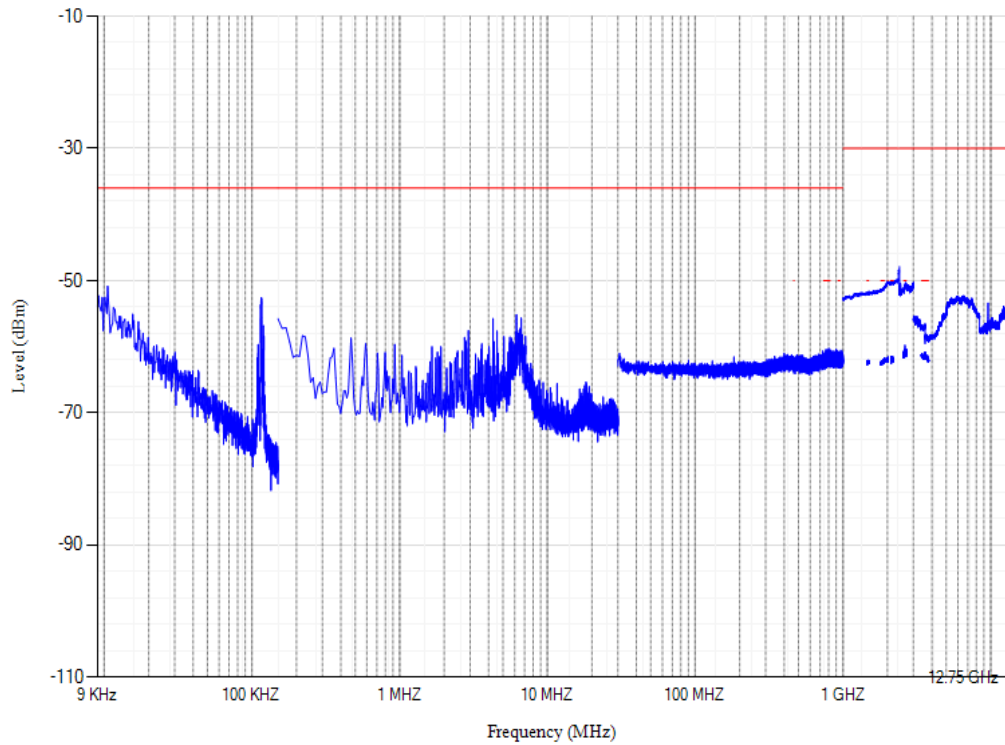
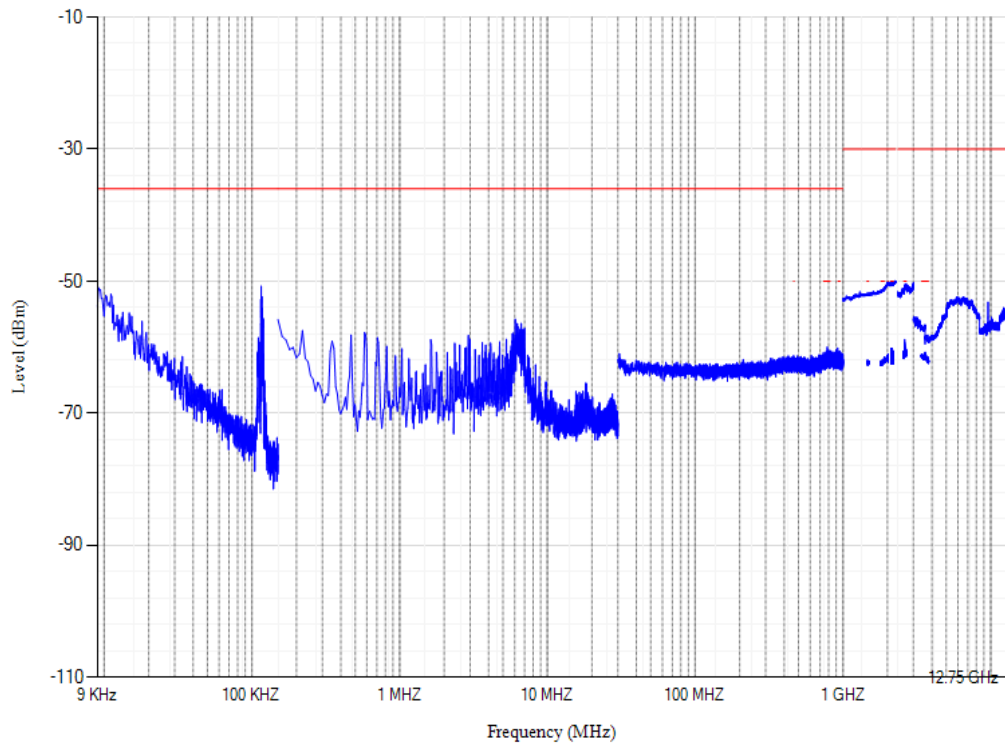
Band40 QPSK BW=5MHz Channel=39625 RB Size=25 Position=#0

### Conducted spurious emissions



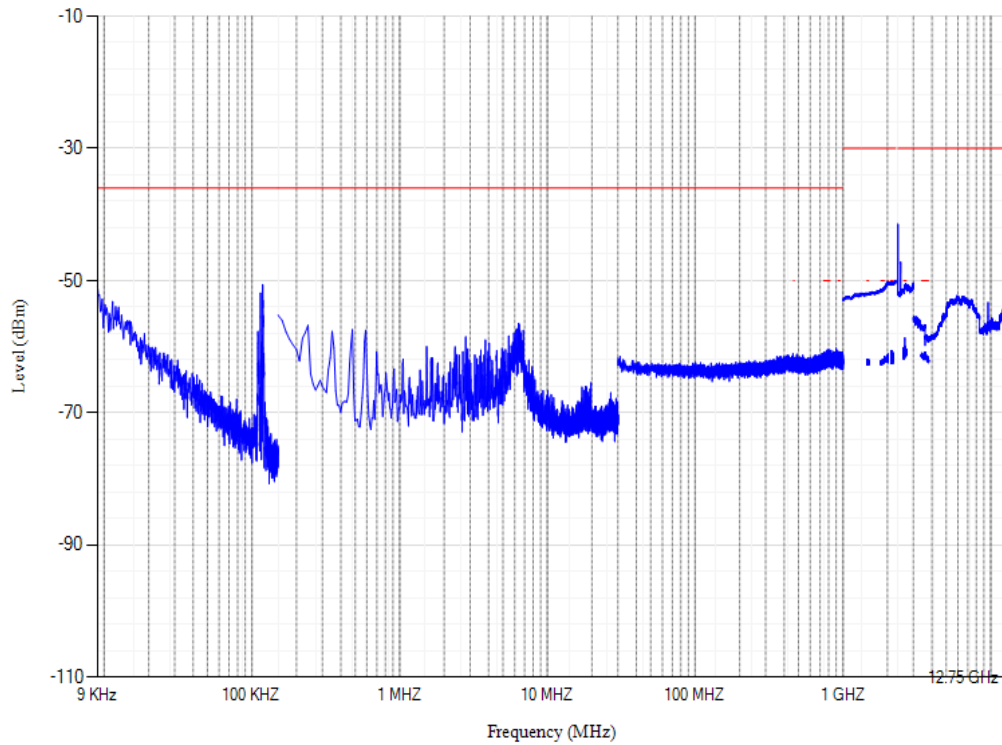
Band40 16QAM BW=5MHz Channel=39625 RB Size=1 Position=#0

**Conducted spurious emissions**

**Conducted spurious emissions**


**Conducted spurious emissions**

**Conducted spurious emissions**


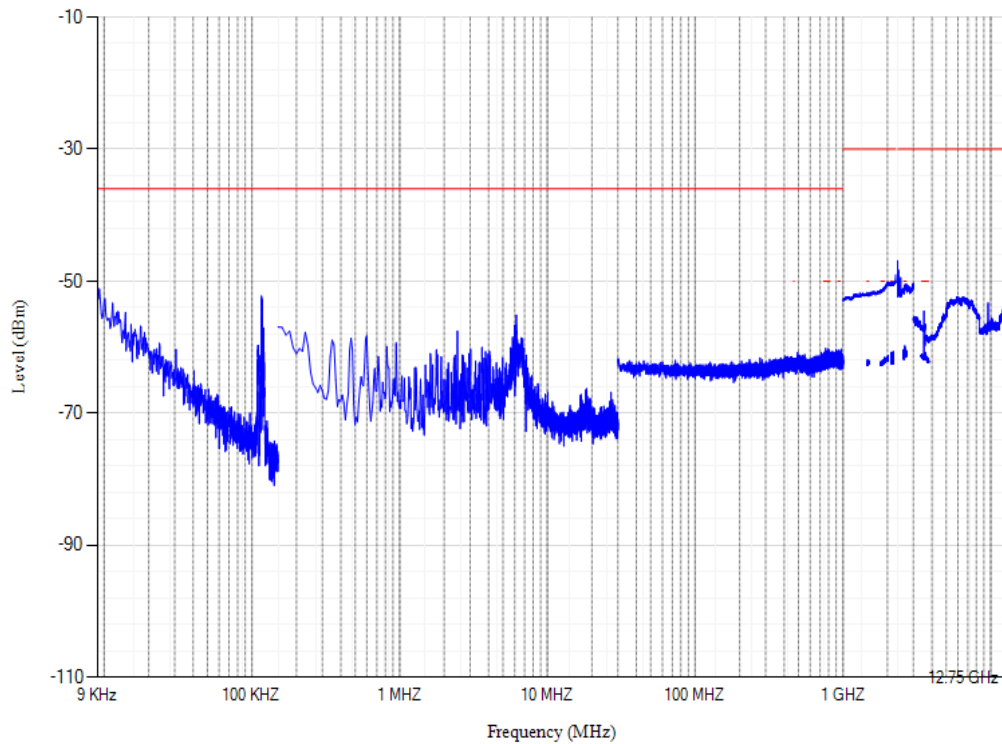


Conducted spurious emissions



Band40 QPSK BW=20MHz Channel=38750 RB Size=100 Position=#0

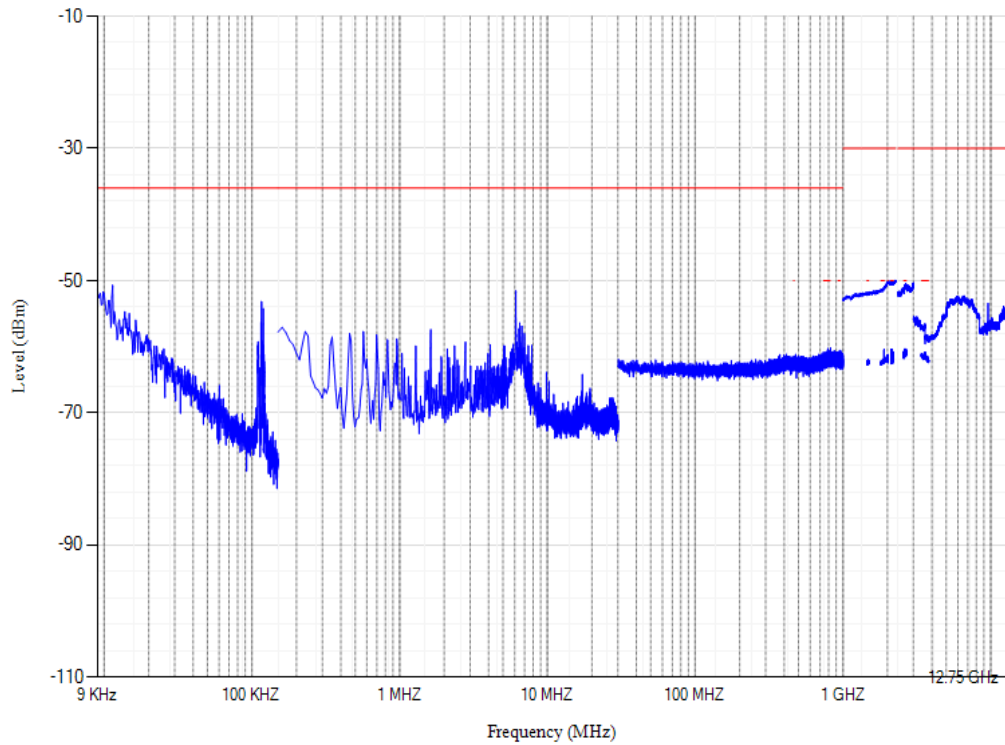
Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=38750 RB Size=1 Position=#0

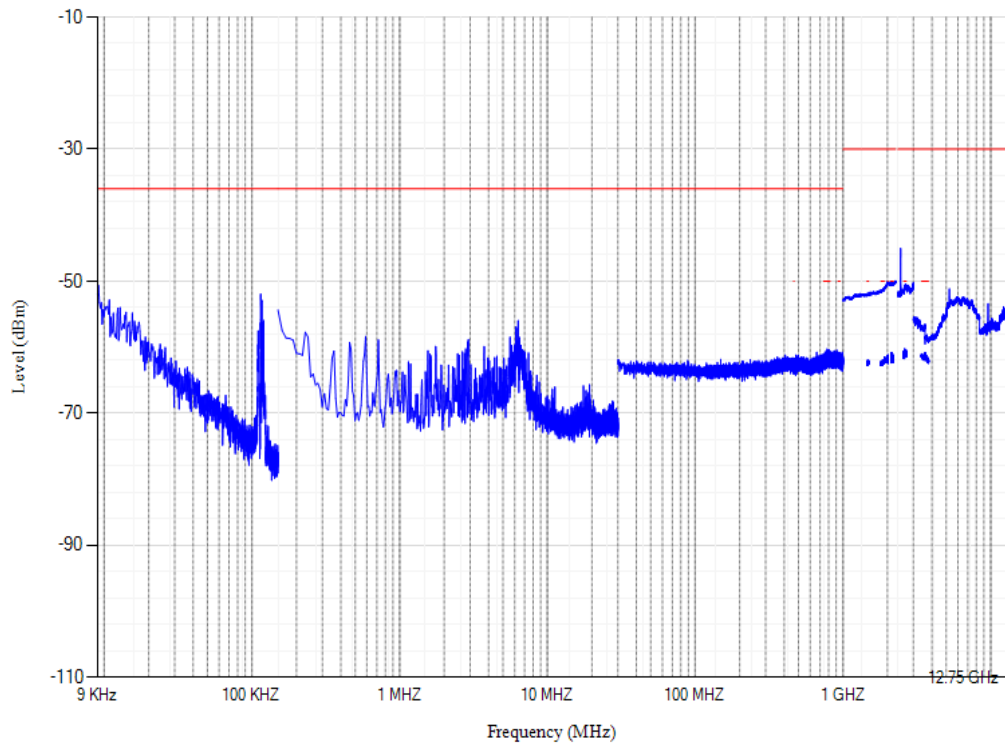


Conducted spurious emissions

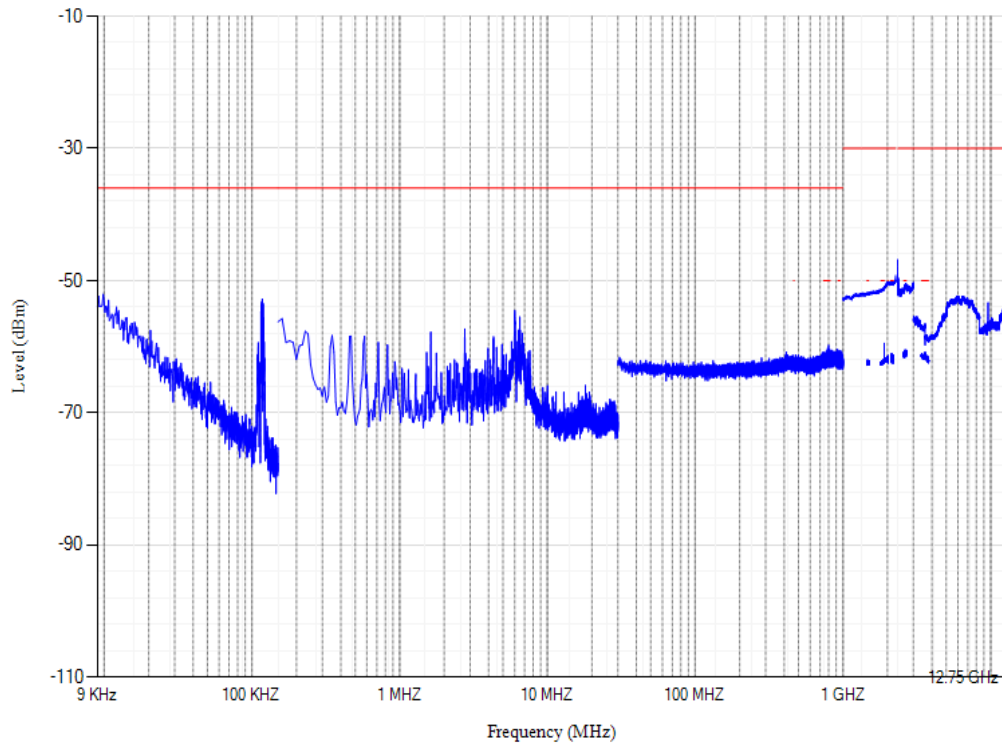
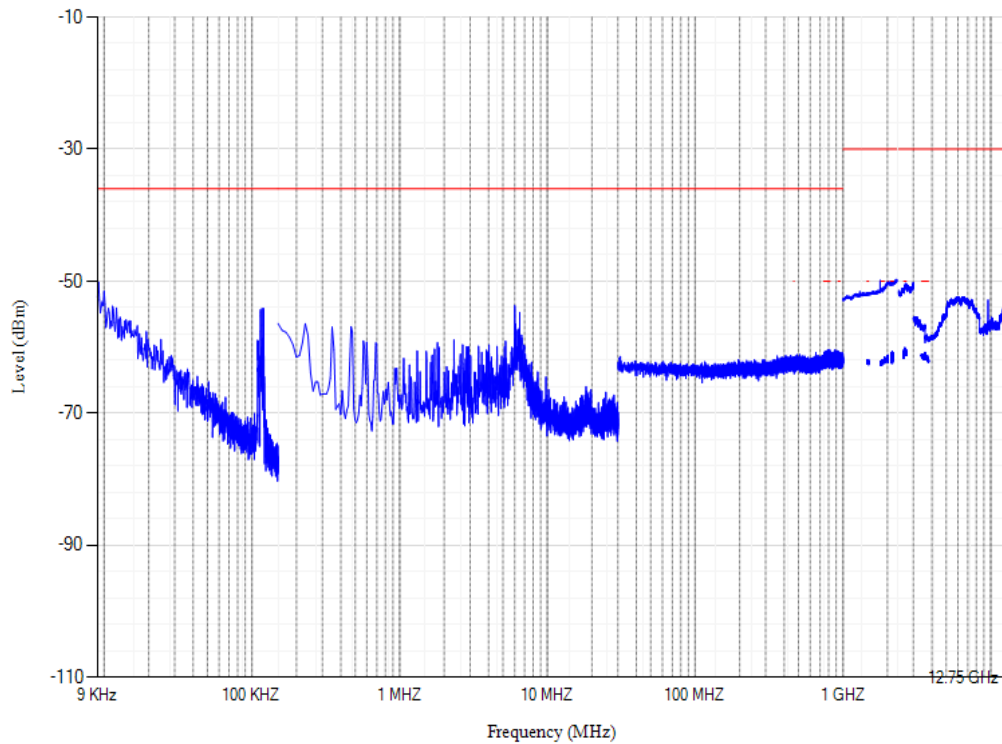


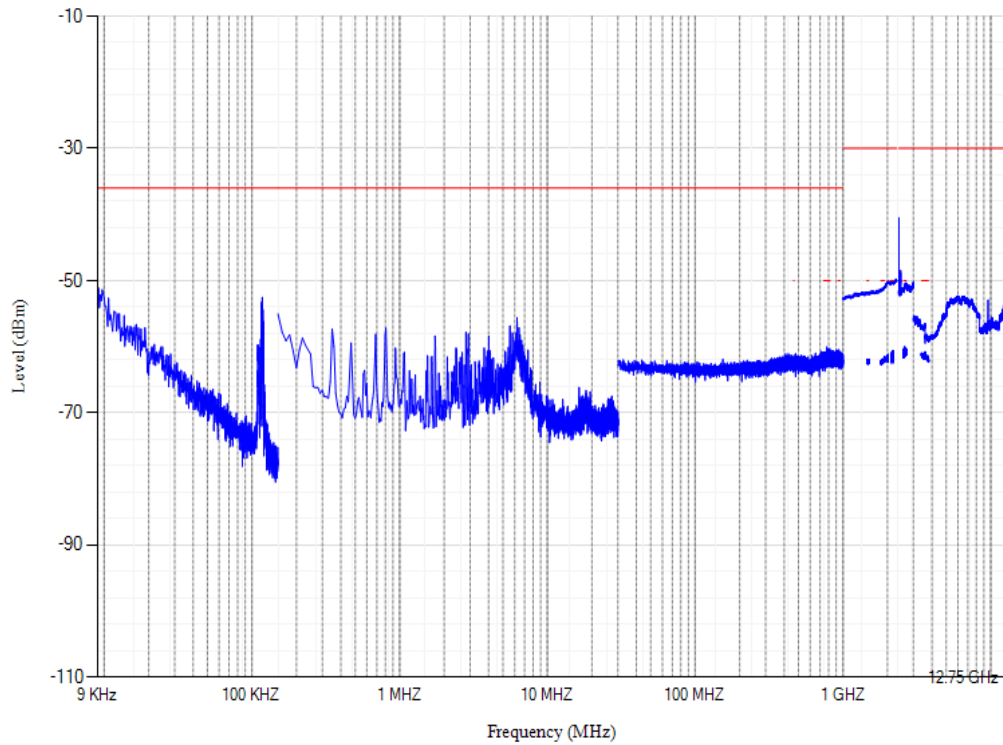
Band40 16QAM BW=20MHz Channel=38750 RB Size=1 Position=#Max

Conducted spurious emissions

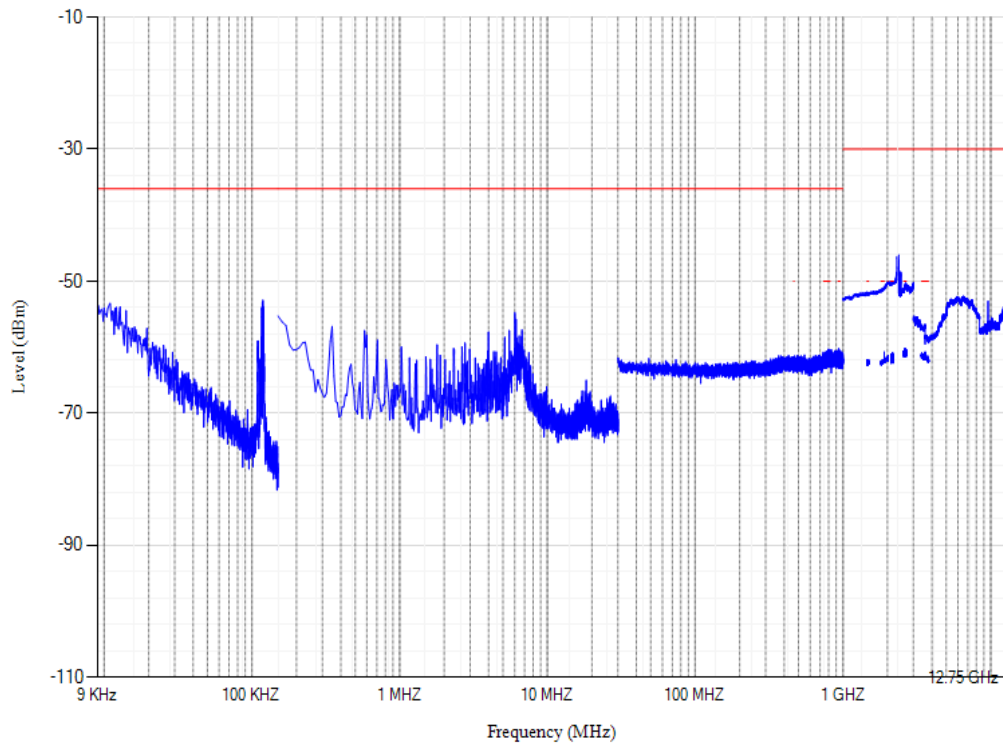


Band40 16QAM BW=20MHz Channel=38750 RB Size=100 Position=#0

**Conducted spurious emissions**

**Conducted spurious emissions**


**Conducted spurious emissions**


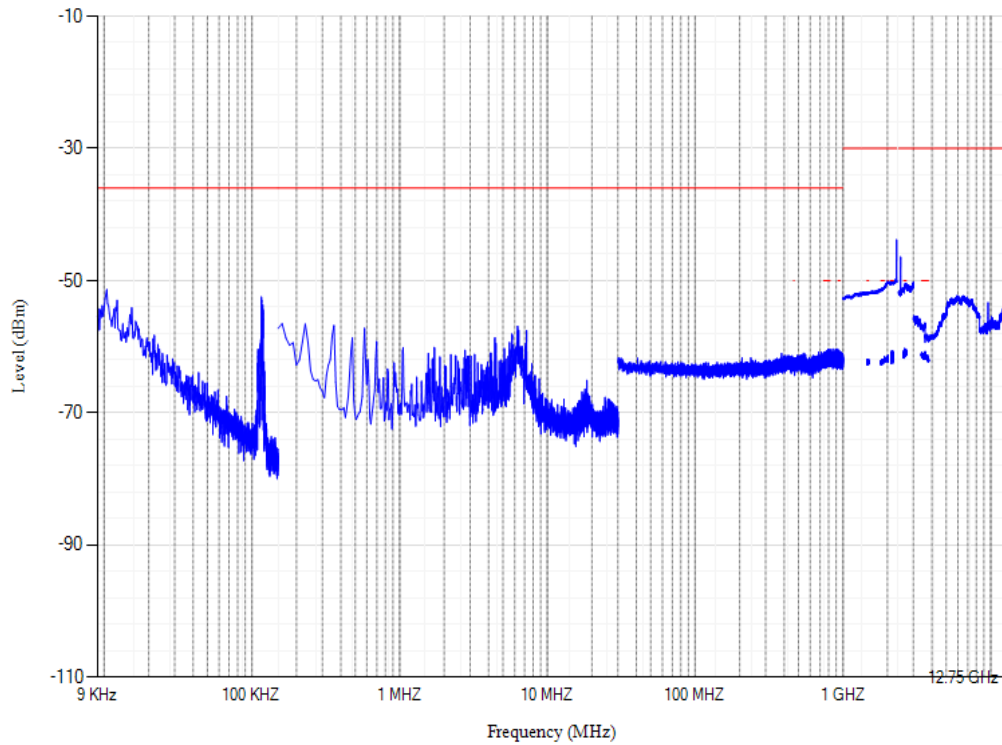
Band40 QPSK BW=20MHz Channel=39150 RB Size=100 Position=#0

**Conducted spurious emissions**


Band40 16QAM BW=20MHz Channel=39150 RB Size=1 Position=#0

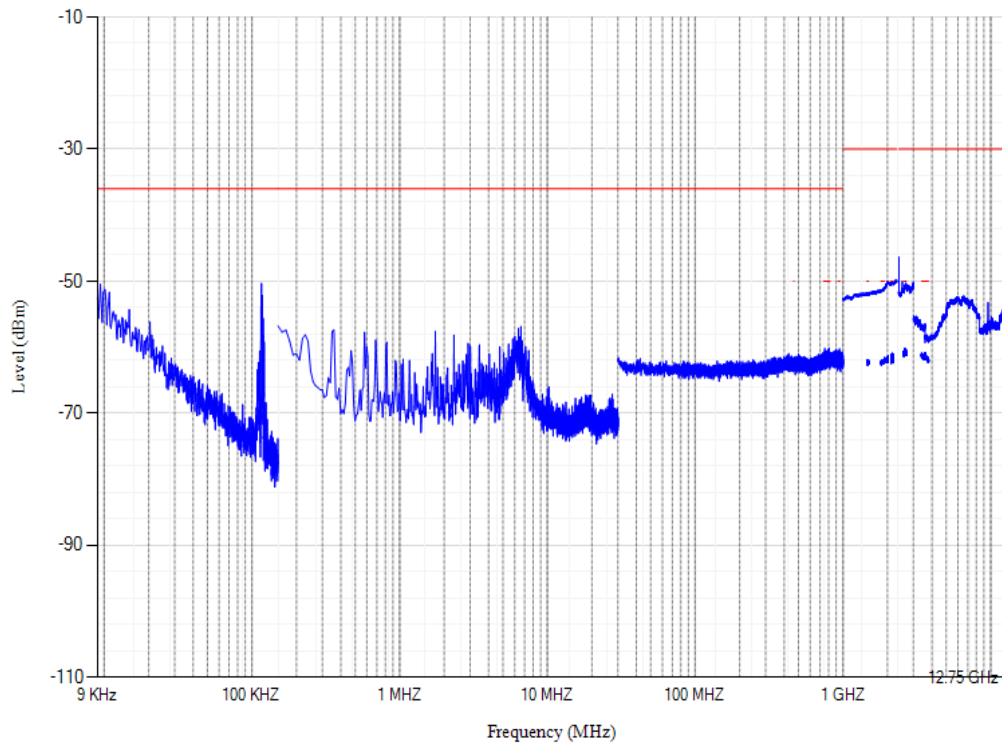


Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=39150 RB Size=1 Position=#Max

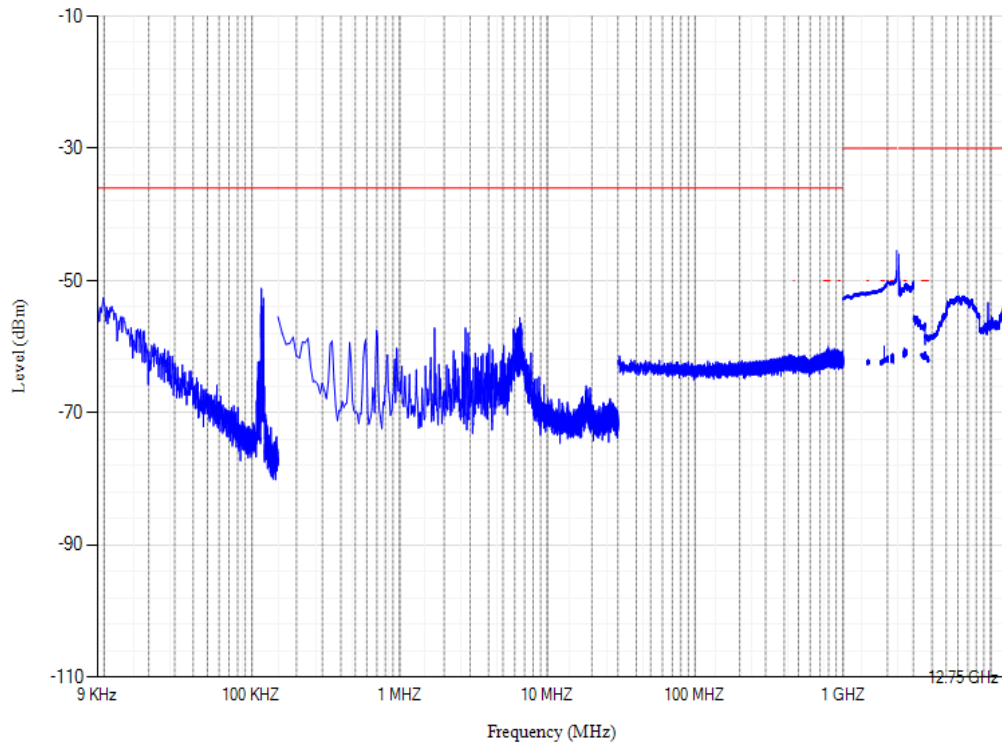
Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=39150 RB Size=100 Position=#0

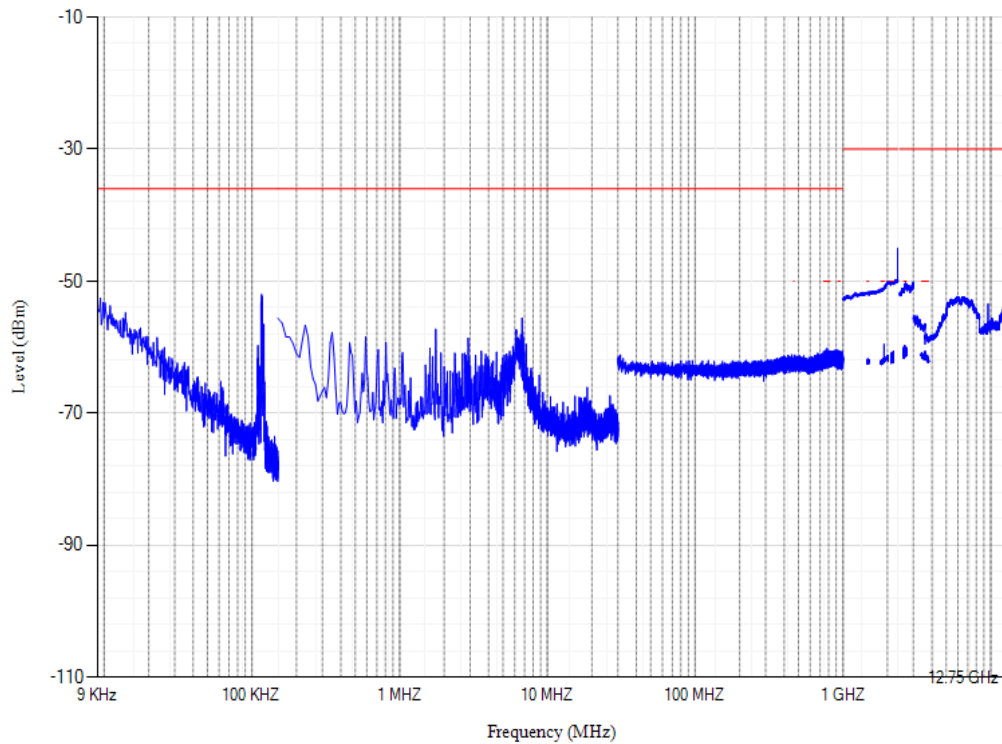


Conducted spurious emissions



Band40 QPSK BW=20MHz Channel=39550 RB Size=1 Position=#0

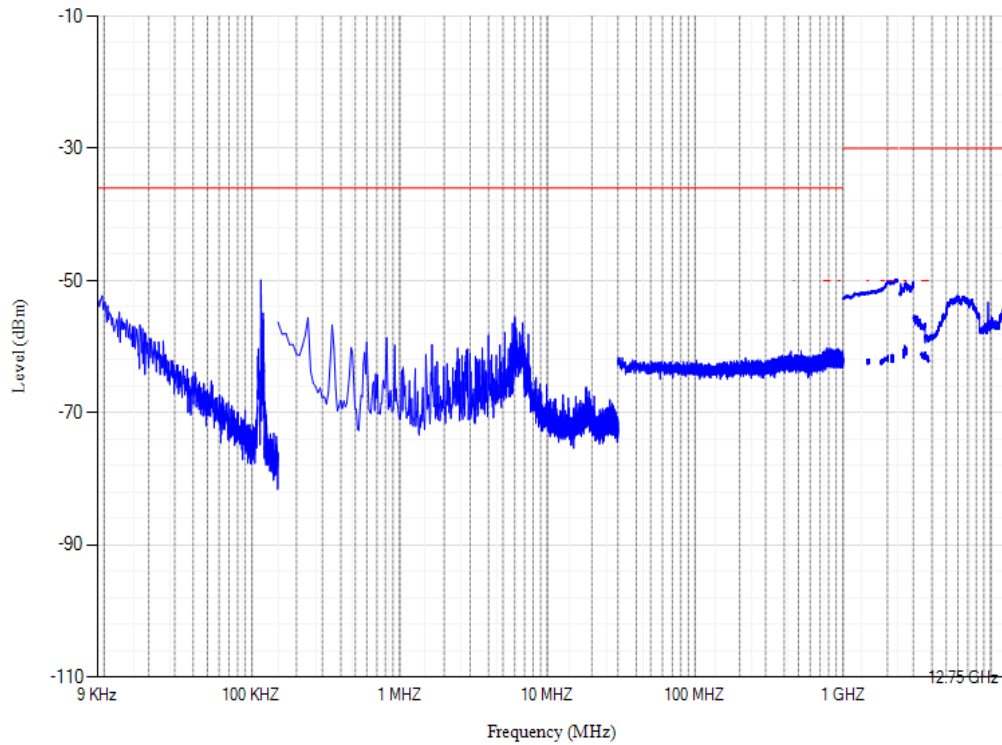
Conducted spurious emissions



Band40 QPSK BW=20MHz Channel=39550 RB Size=1 Position=#Max

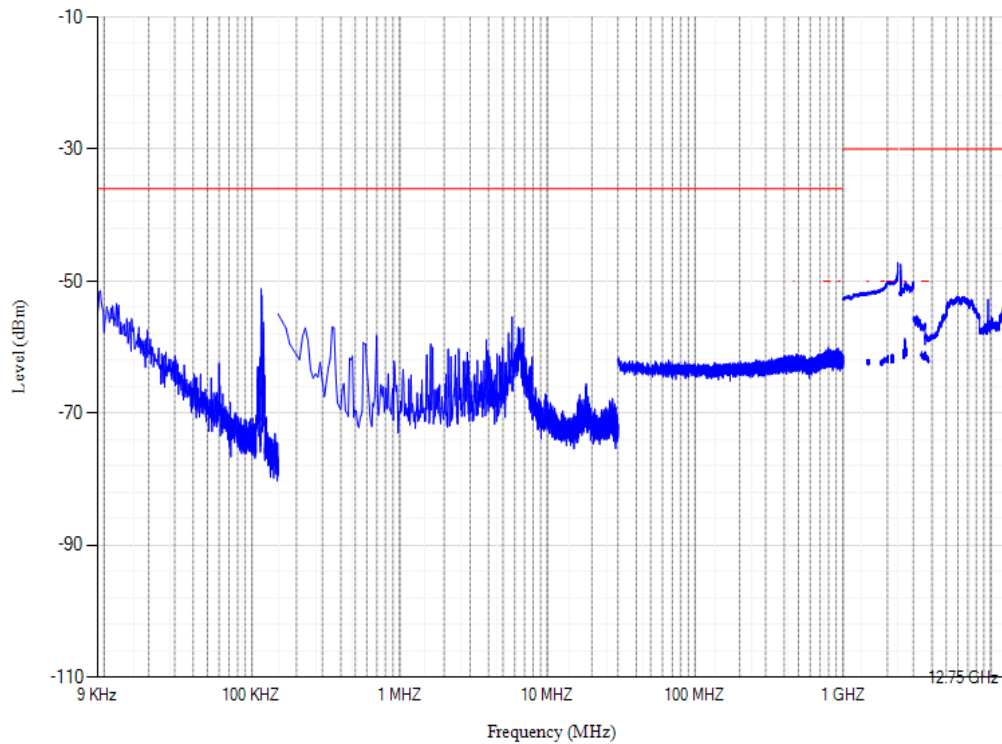


Conducted spurious emissions



Band40 QPSK BW=20MHz Channel=39550 RB Size=100 Position=#0

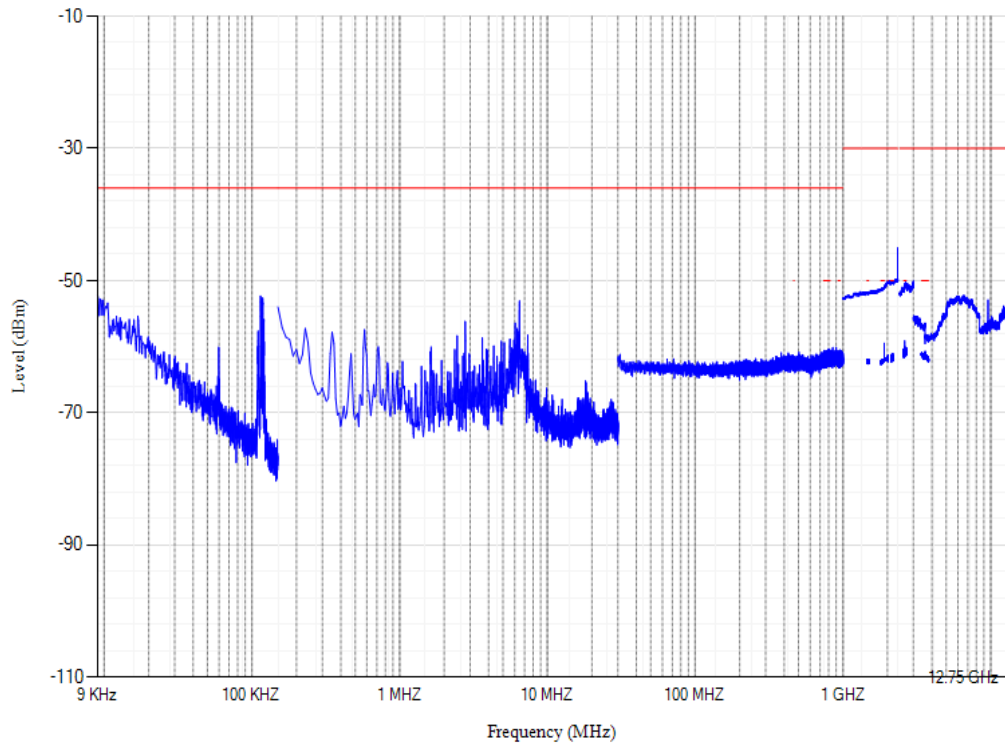
Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=39550 RB Size=1 Position=#0

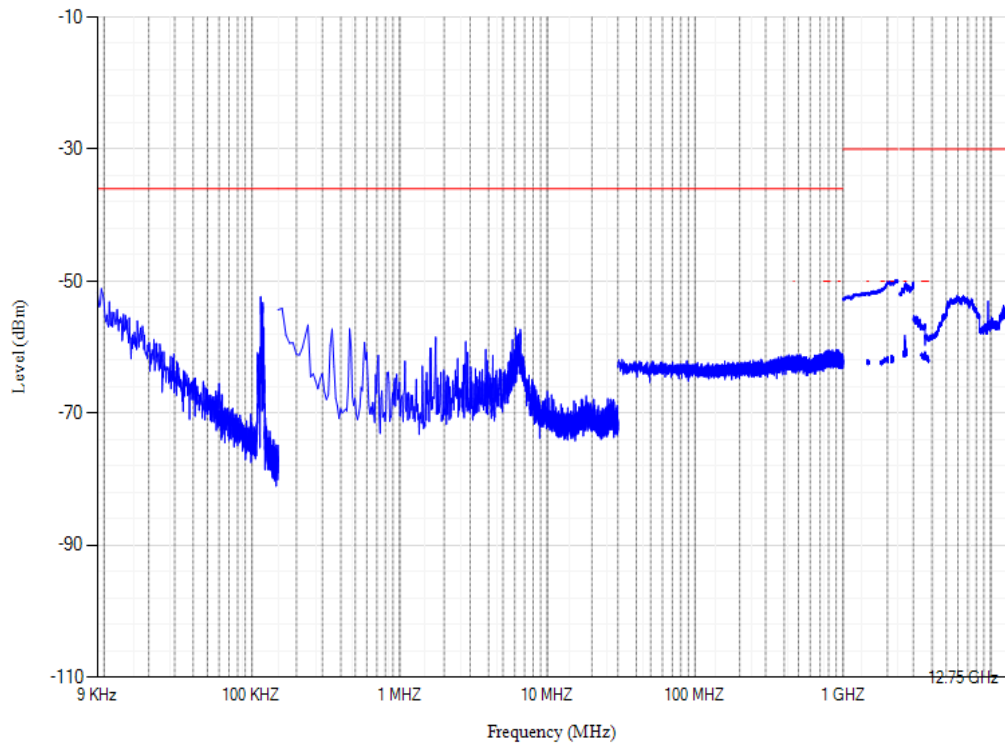


Conducted spurious emissions

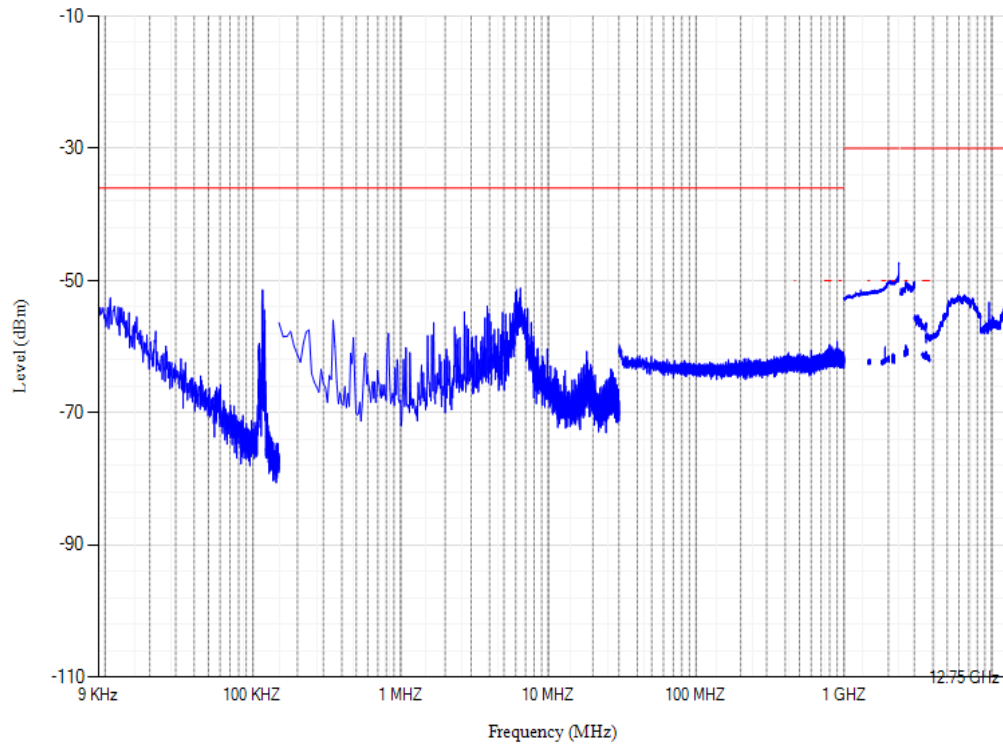


Band40 16QAM BW=20MHz Channel=39550 RB Size=1 Position=#Max

Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=39550 RB Size=100 Position=#0

**Conducted spurious emissions**


#### Appendix 4. Transmitter minimum output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Limit (dBm)	Verdict
Band40	5	38675	25	#0	QPSK	-49.72	-39	PASS
Band40	5	39150	25	#0	QPSK	-49.61	-39	PASS
Band40	5	39625	25	#0	QPSK	-49.64	-39	PASS
Band40	20	38750	100	#0	QPSK	-49.78	-39	PASS
Band40	20	39150	100	#0	QPSK	-49.64	-39	PASS
Band40	20	39550	100	#0	QPSK	-49.73	-39	PASS

#### Appendix 5. Receiver adjacent channel selectivity

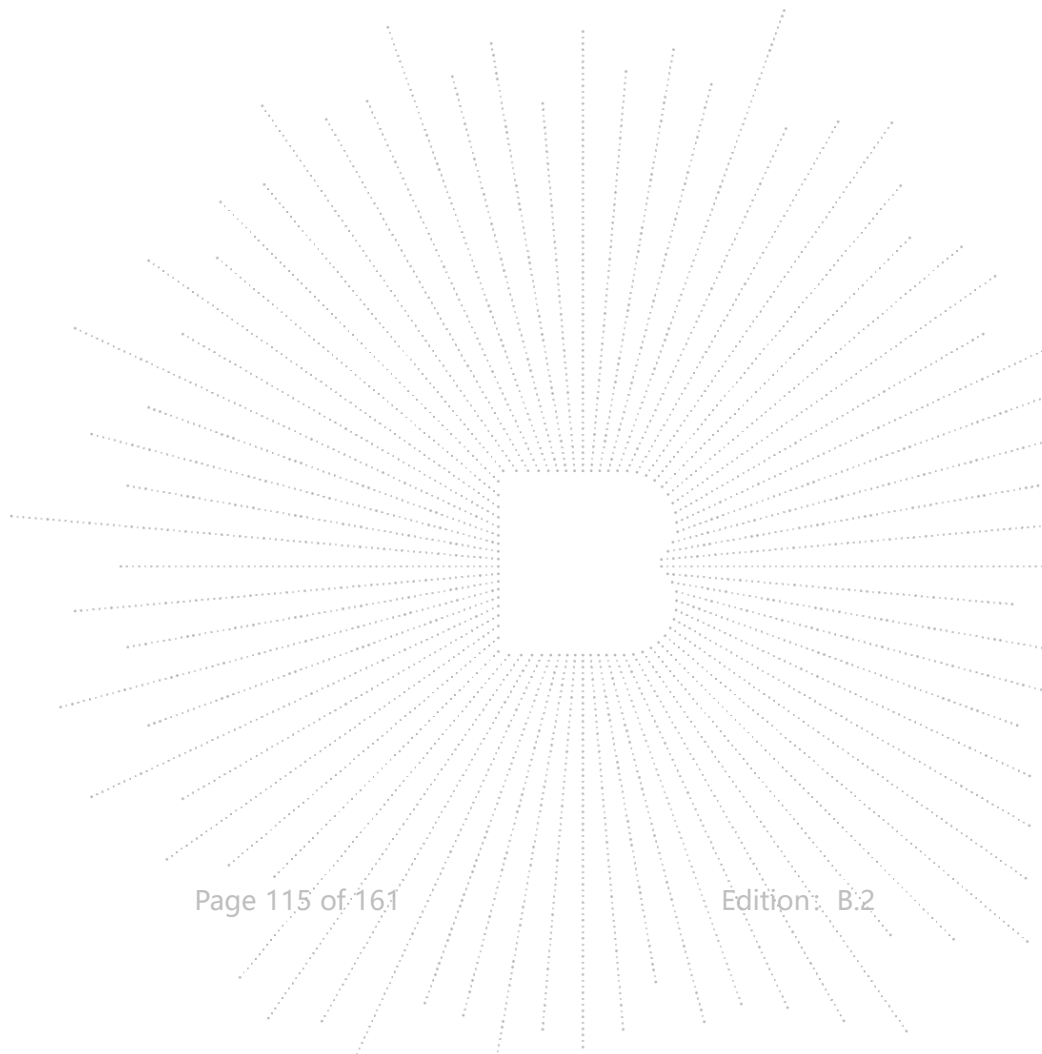
Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Case	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
Band40	5	39150	25	QPSK	Case1	2344.9975	-54.5	100.00	95	PASS
Band40	5	39150	25	QPSK	Case1	2355.0025	-54.5	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2344.9975	-25	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2355.0025	-25	100.00	95	PASS
Band40	5	39150	25	16QAM	Case1	2344.9975	-54.5	100.00	95	PASS
Band40	5	39150	25	16QAM	Case1	2355.0025	-54.5	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2344.9975	-25	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2355.0025	-25	100.00	95	PASS
Band40	20	39150	100	QPSK	Case1	2337.4975	-54.5	100.00	95	PASS
Band40	20	39150	100	QPSK	Case1	2362.5025	-54.5	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2337.4975	-25	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2362.5025	-25	100.00	95	PASS
Band40	20	39150	100	16QAM	Case1	2337.4975	-54.5	100.00	95	PASS
Band40	20	39150	100	16QAM	Case1	2362.5025	-54.5	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2337.4975	-25	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2362.5025	-25	100.00	95	PASS

## Appendix 6. Receiver blocking characteristics in-band

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Case	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
Band40	5	39150	25	QPSK	Case1	2339.9875	-56	100.00	95	PASS
Band40	5	39150	25	QPSK	Case1	2360.0125	-56	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2334.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2329.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2324.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2319.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2314.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2309.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2304.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2299.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2294.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2289.9925	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2365.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2370.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2375.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2380.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2385.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2390.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2395.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2400.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2405.0075	-44	100.00	95	PASS
Band40	5	39150	25	QPSK	Case2	2410.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case1	2339.9875	-56	100.00	95	PASS
Band40	5	39150	25	16QAM	Case1	2360.0125	-56	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2334.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2329.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2324.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2319.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2314.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2309.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2304.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2299.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2294.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2289.9925	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2365.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2370.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2375.0075	-44	100.00	95	PASS

Band40	5	39150	25	16QAM	Case2	2380.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2385.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2390.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2395.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2400.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2405.0075	-44	100.00	95	PASS
Band40	5	39150	25	16QAM	Case2	2410.0075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case1	2332.4875	-56	100.00	95	PASS
Band40	20	39150	100	QPSK	Case1	2367.5125	-56	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2327.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2322.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2317.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2312.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2307.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2302.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2297.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2292.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2287.4925	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2372.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2377.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2382.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2387.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2392.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2397.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2402.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2407.5075	-44	100.00	95	PASS
Band40	20	39150	100	QPSK	Case2	2412.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case1	2332.4875	-56	100.00	95	PASS
Band40	20	39150	100	16QAM	Case1	2367.5125	-56	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2327.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2322.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2317.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2312.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2307.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2302.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2297.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2292.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2287.4925	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2372.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2377.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2382.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2387.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2392.5075	-44	100.00	95	PASS

Band40	20	39150	100	16QAM	Case2	2397.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2402.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2407.5075	-44	100.00	95	PASS
Band40	20	39150	100	16QAM	Case2	2412.5075	-44	100.00	95	PASS



## Appendix 7. Receiver blocking characteristics narrow-band

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
Band40	5	39150	25	QPSK	2347.2925	-55	100.00	95	PASS
Band40	5	39150	25	QPSK	2352.7075	-55	100.00	95	PASS
Band40	5	39150	25	16QAM	2347.2925	-55	100.00	95	PASS
Band40	5	39150	25	16QAM	2352.7075	-55	100.00	95	PASS
Band40	20	39150	100	QPSK	2339.7925	-55	100.00	95	PASS
Band40	20	39150	100	QPSK	2360.2075	-55	100.00	95	PASS
Band40	20	39150	100	16QAM	2339.7925	-55	100.00	95	PASS
Band40	20	39150	100	16QAM	2360.2075	-55	100.00	95	PASS

## Appendix 8. Receiver intermodulation characteristics

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Interference 1 Freq (MHz)	Interference 1 Level (dBm)	Interference 2 Freq (MHz)	Interference 2 Level (dBm)	Throughput (%)	Limit (%)	Verdict
Band40	5	39150	25	QPSK	2340	-46	2330	-46	100.00	95	PASS
Band40	5	39150	25	QPSK	2360	-46	2370	-46	100.00	95	PASS
Band40	5	39150	25	16QAM	2340	-46	2330	-46	100.00	95	PASS
Band40	5	39150	25	16QAM	2360	-46	2370	-46	100.00	95	PASS
Band40	20	39150	100	QPSK	2332.5	-46	2315	-46	100.00	95	PASS
Band40	20	39150	100	QPSK	2367.5	-46	2385	-46	100.00	95	PASS
Band40	20	39150	100	16QAM	2332.5	-46	2315	-46	100.00	95	PASS
Band40	20	39150	100	16QAM	2367.5	-46	2385	-46	100.00	95	PASS

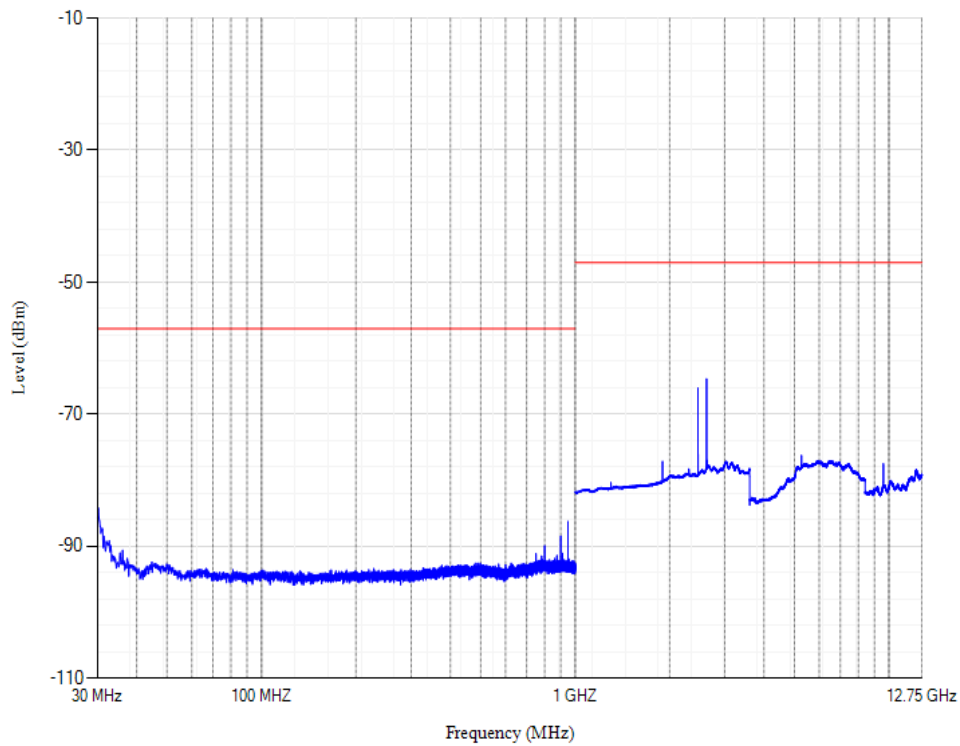
## Appendix 9. Receiver spurious emissions

Band	Bandwidth (MHz)	UL Channel	Modulation	Range (MHz)	RBW	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band40	5	38675	QPSK	30 MHz-1000 MHz	100 kHz	30.19	-84.18	-57	PASS
Band40	5	38675	QPSK	1000 MHz-12.75 GHz	1 MHz	2623.46	-64.61	-47	PASS
Band40	5	38675	16QAM	30 MHz-1000 MHz	100 kHz	30.68	-86.21	-57	PASS
Band40	5	38675	16QAM	1000 MHz-12.75 GHz	1 MHz	2458.96	-53.76	-47	PASS
Band40	5	39150	QPSK	30 MHz-1000 MHz	100 kHz	350.00	-84.05	-57	PASS
Band40	5	39150	QPSK	1000 MHz-12.75 GHz	1 MHz	2458.96	-51.51	-47	PASS
Band40	5	39150	16QAM	30 MHz-1000 MHz	100 kHz	30.49	-84.87	-57	PASS
Band40	5	39150	16QAM	1000 MHz-12.75 GHz	1 MHz	2621.50	-68.01	-47	PASS
Band40	5	39625	QPSK	30 MHz-1000 MHz	100 kHz	433.04	-82.27	-57	PASS
Band40	5	39625	QPSK	1000 MHz-12.75 GHz	1 MHz	2440.35	-61.27	-47	PASS
Band40	5	39625	16QAM	30 MHz-1000 MHz	100 kHz	30.87	-85.18	-57	PASS
Band40	5	39625	16QAM	1000 MHz-12.75 GHz	1 MHz	2457.98	-54.69	-47	PASS
Band40	20	38750	QPSK	30 MHz-1000 MHz	100 kHz	30.68	-86.00	-57	PASS
Band40	20	38750	QPSK	1000 MHz-12.75 GHz	1 MHz	5903.67	-76.99	-47	PASS
Band40	20	38750	16QAM	30 MHz-1000 MHz	100 kHz	30.49	-85.61	-57	PASS
Band40	20	38750	16QAM	1000 MHz-12.75 GHz	1 MHz	2458.96	-55.08	-47	PASS
Band40	20	39150	QPSK	30 MHz-1000 MHz	100 kHz	731.02	-85.09	-57	PASS
Band40	20	39150	QPSK	1000 MHz-12.75 GHz	1 MHz	2456.02	-70.54	-47	PASS
Band40	20	39150	16QAM	30 MHz-1000 MHz	100 kHz	730.34	-80.47	-57	PASS

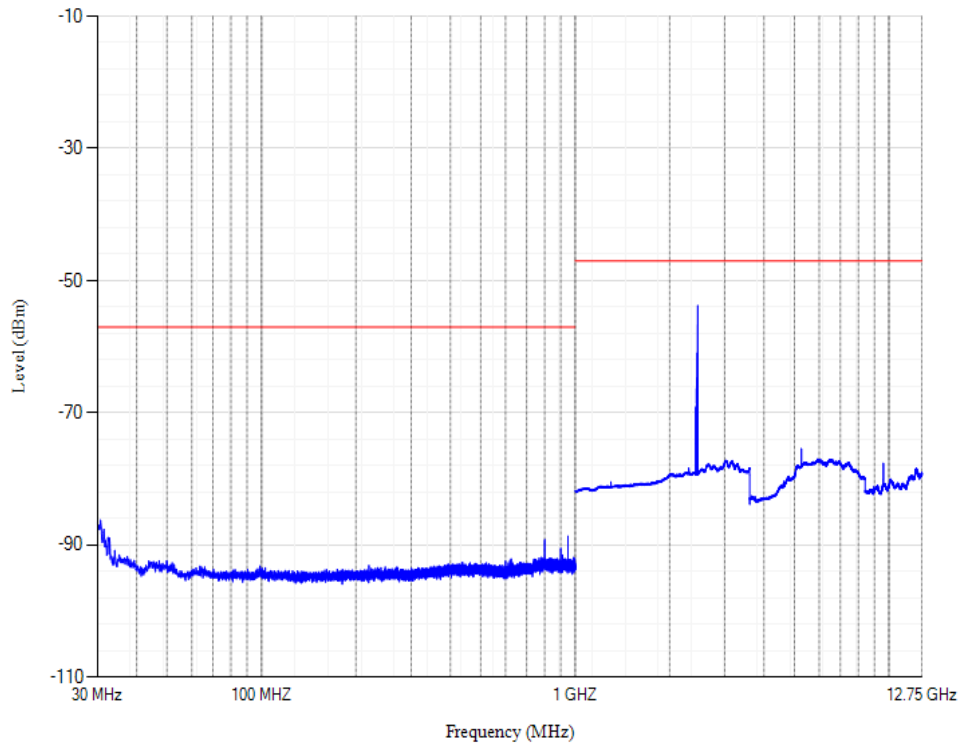
Band40	20	39150	16QAM	1000 MHz-12.75 GHz	1 MHz	2457.98	-61.91	-47	PASS
Band40	20	39550	QPSK	30 MHz-1000 MHz	100 kHz	590.85	-84.56	-57	PASS
Band40	20	39550	QPSK	1000 MHz-12.75 GHz	1 MHz	2462.88	-70.01	-47	PASS
Band40	20	39550	16QAM	30 MHz-1000 MHz	100 kHz	30.49	-85.62	-57	PASS
Band40	20	39550	16QAM	1000 MHz-12.75 GHz	1 MHz	2425.67	-74.70	-47	PASS

Band40 QPSK BW=5MHz Channel=38675

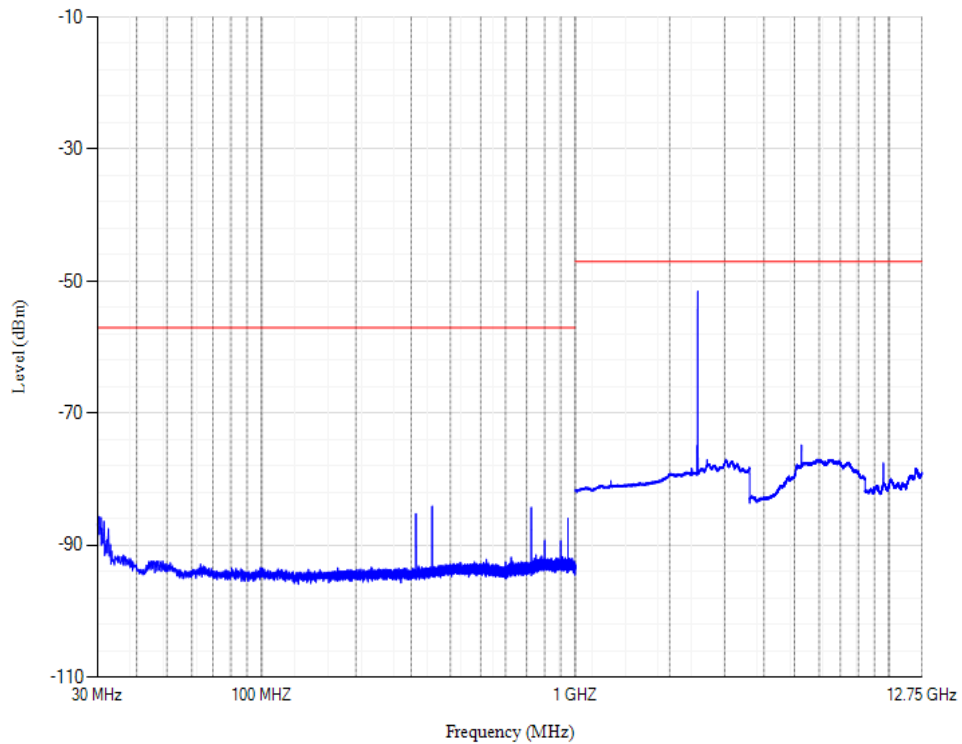
### Conducted spurious emissions



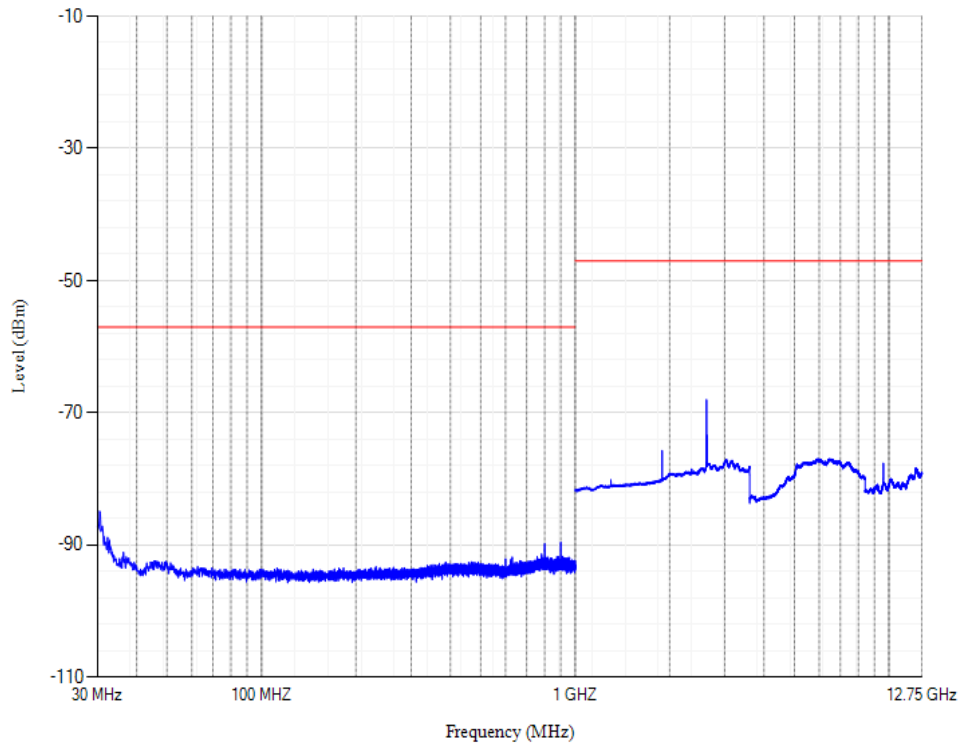
Band40 16QAM BW=5MHz Channel=38675

**Conducted spurious emissions**


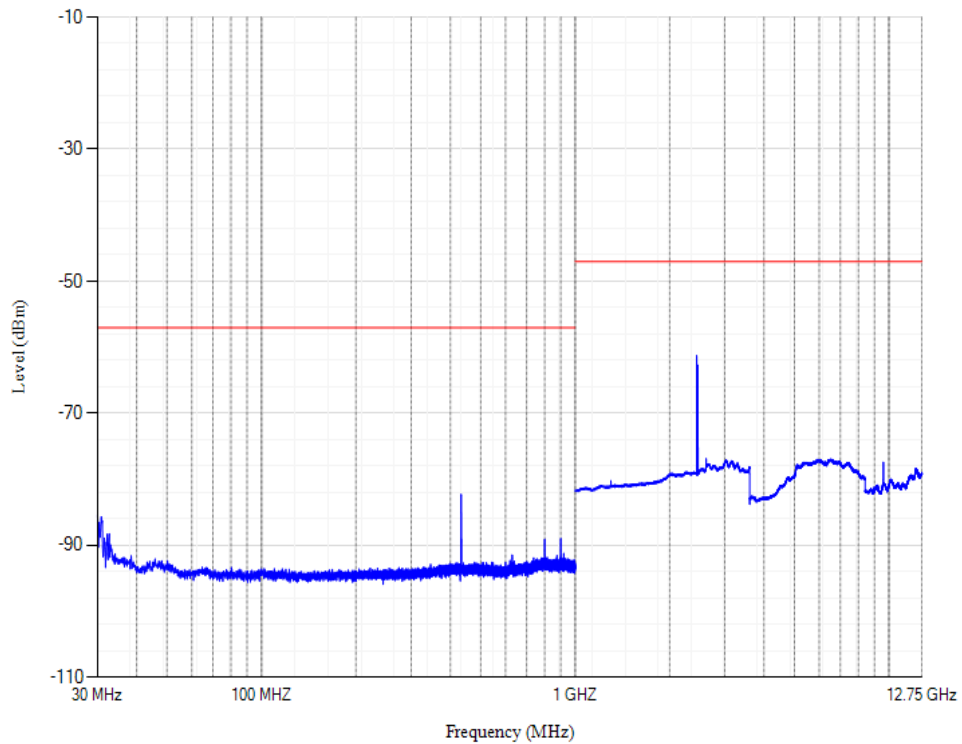
Band40 QPSK BW=5MHz Channel=39150

**Conducted spurious emissions**


Band40 16QAM BW=5MHz Channel=39150

**Conducted spurious emissions**


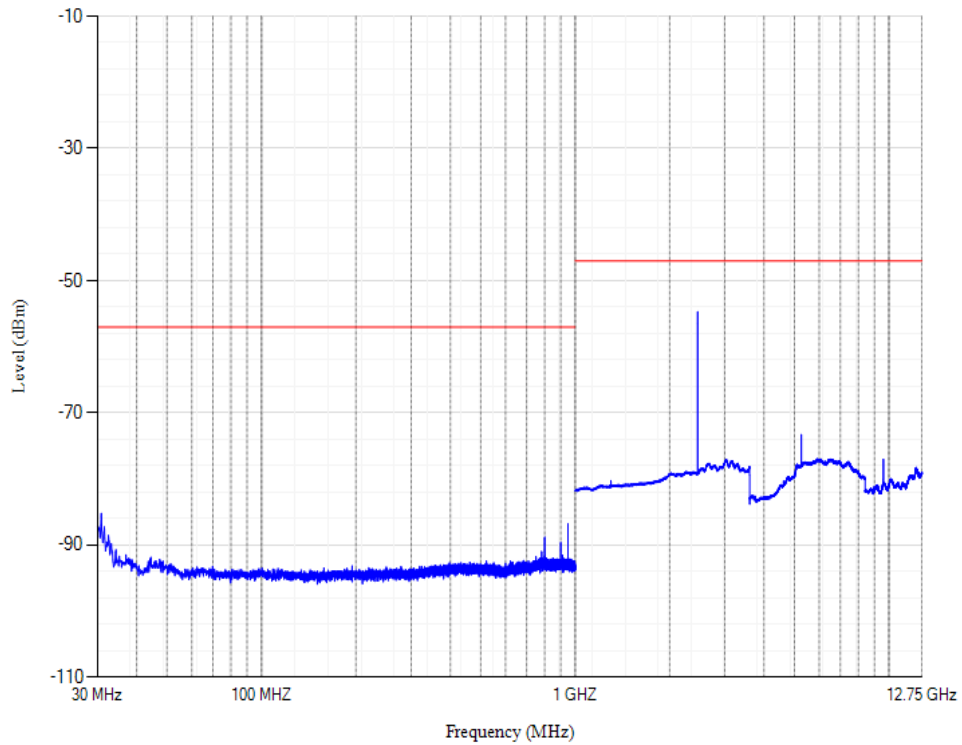
Band40 QPSK BW=5MHz Channel=39625

**Conducted spurious emissions**


Band40 16QAM BW=5MHz Channel=39625

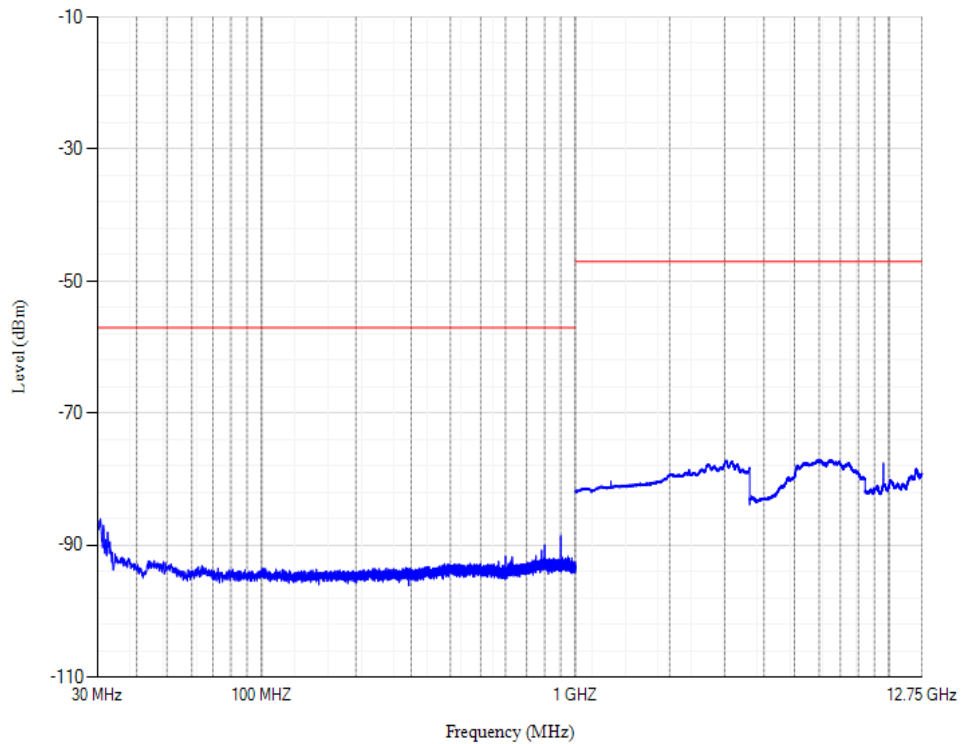


Conducted spurious emissions



Band40 QPSK BW=20MHz Channel=38750

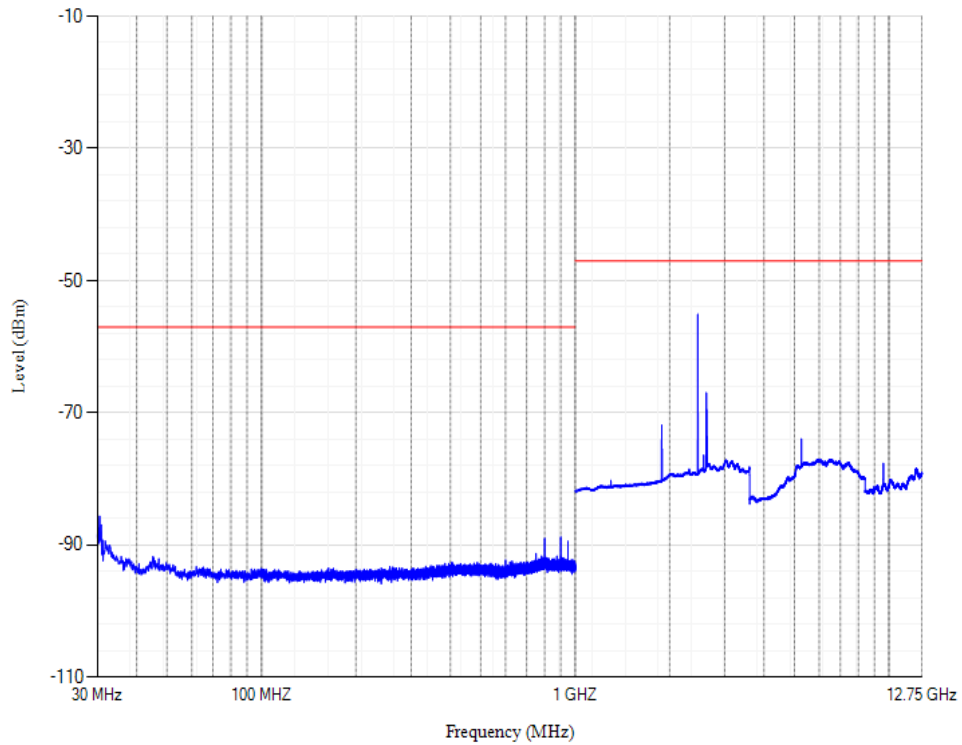
Conducted spurious emissions



Band40 16QAM BW=20MHz Channel=38750

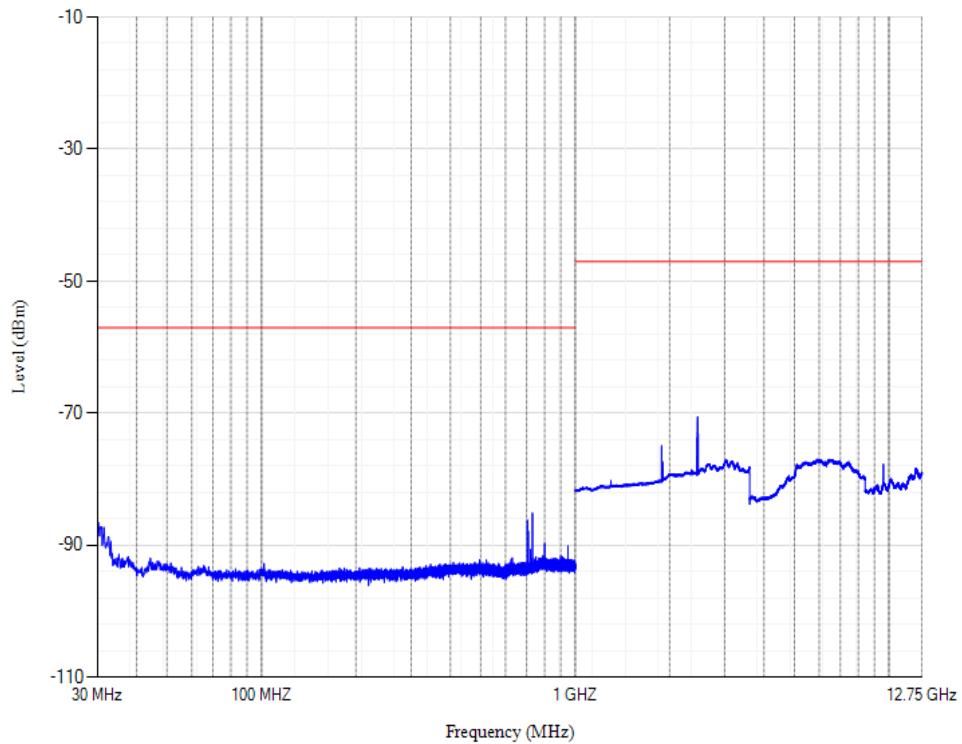


Conducted spurious emissions

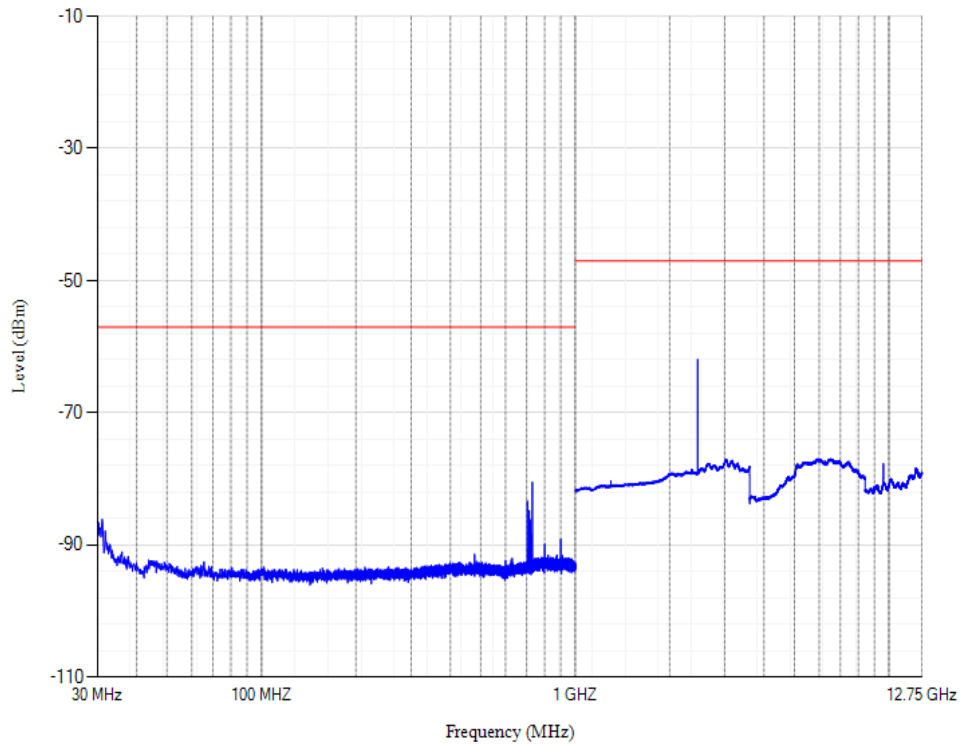


Band40 QPSK BW=20MHz Channel=39150

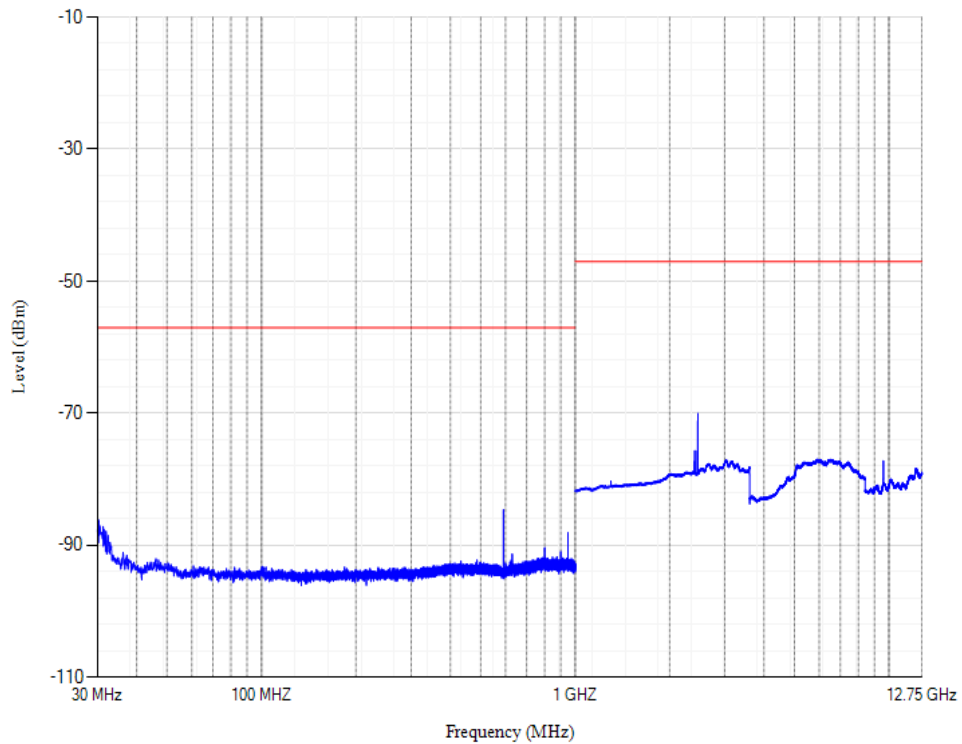
Conducted spurious emissions



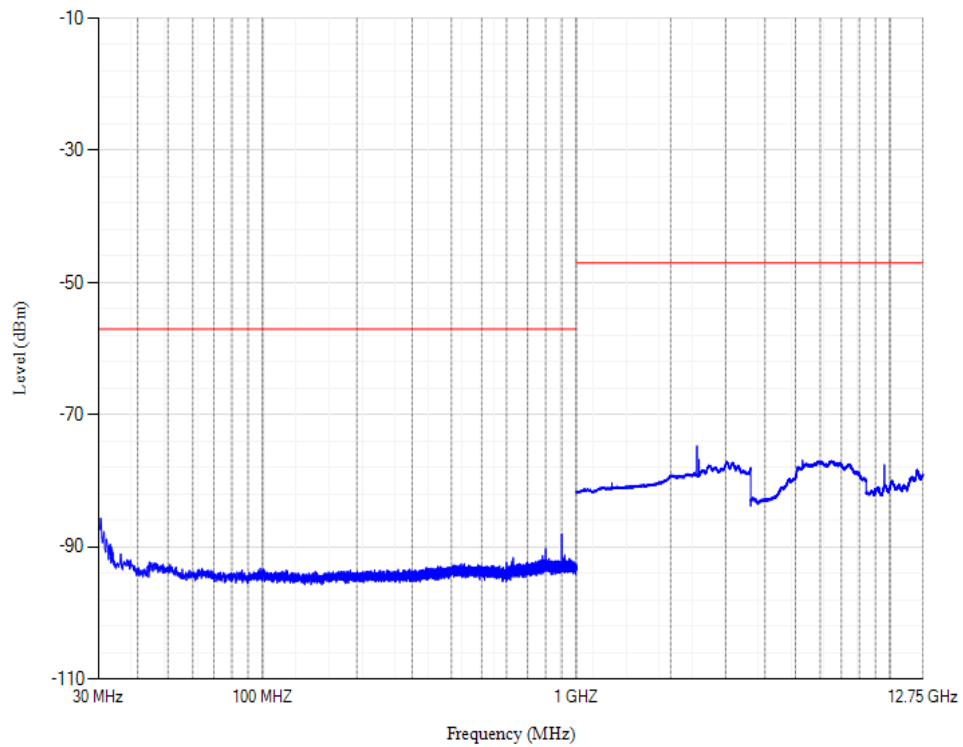
Band40 16QAM BW=20MHz Channel=39150

**Conducted spurious emissions**


Band40 QPSK BW=20MHz Channel=39550

**Conducted spurious emissions**


Band40 16QAM BW=20MHz Channel=39550

**Conducted spurious emissions**


## Appendix 10. Transmitter adjacent channel leakage power ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Type	ACLR (dBc)	Limit (dBc)	Verdict
Band40	5	38675	8	#0	QPSK	U-ACLR2-	55.61	35.2	PASS
Band40	5	38675	8	#0	QPSK	U-ACLR1-	41.37	32.2	PASS
Band40	5	38675	8	#0	QPSK	E-ACLR-	42.28	29.2	PASS
Band40	5	38675	8	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	38675	8	#0	QPSK	E-ACLR+	44.49	29.2	PASS
Band40	5	38675	8	#0	QPSK	U-ACLR+	50.34	32.2	PASS
Band40	5	38675	8	#0	QPSK	U-ACLR2+	47.90	35.2	PASS
Band40	5	38675	8	#Max	QPSK	U-ACLR2-	48.47	35.2	PASS
Band40	5	38675	8	#Max	QPSK	U-ACLR1-	51.26	32.2	PASS
Band40	5	38675	8	#Max	QPSK	E-ACLR-	45.11	29.2	PASS
Band40	5	38675	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	5	38675	8	#Max	QPSK	E-ACLR+	42.40	29.2	PASS
Band40	5	38675	8	#Max	QPSK	U-ACLR+	41.29	32.2	PASS
Band40	5	38675	8	#Max	QPSK	U-ACLR2+	55.84	35.2	PASS
Band40	5	38675	25	#0	QPSK	U-ACLR2-	49.16	35.2	PASS
Band40	5	38675	25	#0	QPSK	U-ACLR1-	45.55	32.2	PASS
Band40	5	38675	25	#0	QPSK	E-ACLR-	43.09	29.2	PASS
Band40	5	38675	25	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	38675	25	#0	QPSK	E-ACLR+	43.15	29.2	PASS
Band40	5	38675	25	#0	QPSK	U-ACLR+	45.68	32.2	PASS
Band40	5	38675	25	#0	QPSK	U-ACLR2+	49.02	35.2	PASS
Band40	5	38675	8	#0	16QAM	U-ACLR2-	55.35	35.2	PASS
Band40	5	38675	8	#0	16QAM	U-ACLR1-	41.99	32.2	PASS
Band40	5	38675	8	#0	16QAM	E-ACLR-	42.99	29.2	PASS
Band40	5	38675	8	#0	16QAM	EUTRA	0.00	0	PASS
Band40	5	38675	8	#0	16QAM	E-ACLR+	45.15	29.2	PASS
Band40	5	38675	8	#0	16QAM	U-ACLR+	51.42	32.2	PASS
Band40	5	38675	8	#0	16QAM	U-ACLR2+	48.51	35.2	PASS
Band40	5	38675	8	#Max	16QAM	U-ACLR2-	49.41	35.2	PASS
Band40	5	38675	8	#Max	16QAM	U-ACLR1-	51.59	32.2	PASS
Band40	5	38675	8	#Max	16QAM	E-ACLR-	45.82	29.2	PASS
Band40	5	38675	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	5	38675	8	#Max	16QAM	E-ACLR+	44.50	29.2	PASS
Band40	5	38675	8	#Max	16QAM	U-ACLR+	44.32	32.2	PASS
Band40	5	38675	8	#Max	16QAM	U-ACLR2+	55.09	35.2	PASS
Band40	5	38675	25	#0	16QAM	U-ACLR2-	48.94	35.2	PASS
Band40	5	38675	25	#0	16QAM	U-ACLR1-	45.24	32.2	PASS
Band40	5	38675	25	#0	16QAM	E-ACLR-	42.94	29.2	PASS
Band40	5	38675	25	#0	16QAM	EUTRA	0.00	0	PASS

Band40	5	38675	25	#0	16QAM	E-ACLR+	43.34	29.2	PASS
Band40	5	38675	25	#0	16QAM	U-ACLR+	45.79	32.2	PASS
Band40	5	38675	25	#0	16QAM	U-ACLR2+	49.05	35.2	PASS
Band40	5	39150	8	#0	QPSK	U-ACLR2-	56.02	35.2	PASS
Band40	5	39150	8	#0	QPSK	U-ACLR1-	42.39	32.2	PASS
Band40	5	39150	8	#0	QPSK	E-ACLR-	42.67	29.2	PASS
Band40	5	39150	8	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	39150	8	#0	QPSK	E-ACLR+	44.24	29.2	PASS
Band40	5	39150	8	#0	QPSK	U-ACLR+	50.54	32.2	PASS
Band40	5	39150	8	#0	QPSK	U-ACLR2+	47.50	35.2	PASS
Band40	5	39150	8	#Max	QPSK	U-ACLR2-	48.59	35.2	PASS
Band40	5	39150	8	#Max	QPSK	U-ACLR1-	51.10	32.2	PASS
Band40	5	39150	8	#Max	QPSK	E-ACLR-	45.13	29.2	PASS
Band40	5	39150	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	5	39150	8	#Max	QPSK	E-ACLR+	42.74	29.2	PASS
Band40	5	39150	8	#Max	QPSK	U-ACLR+	42.10	32.2	PASS
Band40	5	39150	8	#Max	QPSK	U-ACLR2+	56.21	35.2	PASS
Band40	5	39150	25	#0	QPSK	U-ACLR2-	49.82	35.2	PASS
Band40	5	39150	25	#0	QPSK	U-ACLR1-	45.48	32.2	PASS
Band40	5	39150	25	#0	QPSK	E-ACLR-	43.62	29.2	PASS
Band40	5	39150	25	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	39150	25	#0	QPSK	E-ACLR+	43.10	29.2	PASS
Band40	5	39150	25	#0	QPSK	U-ACLR+	45.24	32.2	PASS
Band40	5	39150	25	#0	QPSK	U-ACLR2+	49.01	35.2	PASS
Band40	5	39150	8	#0	16QAM	U-ACLR2-	55.18	35.2	PASS
Band40	5	39150	8	#0	16QAM	U-ACLR1-	42.60	32.2	PASS
Band40	5	39150	8	#0	16QAM	E-ACLR-	43.13	29.2	PASS
Band40	5	39150	8	#0	16QAM	EUTRA	0.00	0	PASS
Band40	5	39150	8	#0	16QAM	E-ACLR+	44.73	29.2	PASS
Band40	5	39150	8	#0	16QAM	U-ACLR+	50.63	32.2	PASS
Band40	5	39150	8	#0	16QAM	U-ACLR2+	48.14	35.2	PASS
Band40	5	39150	8	#Max	16QAM	U-ACLR2-	48.95	35.2	PASS
Band40	5	39150	8	#Max	16QAM	U-ACLR1-	51.86	32.2	PASS
Band40	5	39150	8	#Max	16QAM	E-ACLR-	45.59	29.2	PASS
Band40	5	39150	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	5	39150	8	#Max	16QAM	E-ACLR+	43.73	29.2	PASS
Band40	5	39150	8	#Max	16QAM	U-ACLR+	43.34	32.2	PASS
Band40	5	39150	8	#Max	16QAM	U-ACLR2+	55.08	35.2	PASS
Band40	5	39150	25	#0	16QAM	U-ACLR2-	49.34	35.2	PASS
Band40	5	39150	25	#0	16QAM	U-ACLR1-	45.23	32.2	PASS
Band40	5	39150	25	#0	16QAM	E-ACLR-	43.31	29.2	PASS
Band40	5	39150	25	#0	16QAM	EUTRA	0.00	0	PASS
Band40	5	39150	25	#0	16QAM	E-ACLR+	43.19	29.2	PASS

Band40	5	39150	25	#0	16QAM	U-ACLR+	45.36	32.2	PASS
Band40	5	39150	25	#0	16QAM	U-ACLR2+	49.10	35.2	PASS
Band40	5	39625	8	#0	QPSK	U-ACLR2-	55.37	35.2	PASS
Band40	5	39625	8	#0	QPSK	U-ACLR1-	42.52	32.2	PASS
Band40	5	39625	8	#0	QPSK	E-ACLR-	43.17	29.2	PASS
Band40	5	39625	8	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	39625	8	#0	QPSK	E-ACLR+	44.06	29.2	PASS
Band40	5	39625	8	#0	QPSK	U-ACLR+	50.40	32.2	PASS
Band40	5	39625	8	#0	QPSK	U-ACLR2+	47.13	35.2	PASS
Band40	5	39625	8	#Max	QPSK	U-ACLR2-	47.58	35.2	PASS
Band40	5	39625	8	#Max	QPSK	U-ACLR1-	51.01	32.2	PASS
Band40	5	39625	8	#Max	QPSK	E-ACLR-	44.41	29.2	PASS
Band40	5	39625	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	5	39625	8	#Max	QPSK	E-ACLR+	42.57	29.2	PASS
Band40	5	39625	8	#Max	QPSK	U-ACLR+	41.79	32.2	PASS
Band40	5	39625	8	#Max	QPSK	U-ACLR2+	55.49	35.2	PASS
Band40	5	39625	25	#0	QPSK	U-ACLR2-	51.73	35.2	PASS
Band40	5	39625	25	#0	QPSK	U-ACLR1-	47.82	32.2	PASS
Band40	5	39625	25	#0	QPSK	E-ACLR-	45.67	29.2	PASS
Band40	5	39625	25	#0	QPSK	EUTRA	0.00	0	PASS
Band40	5	39625	25	#0	QPSK	E-ACLR+	44.97	29.2	PASS
Band40	5	39625	25	#0	QPSK	U-ACLR+	47.39	32.2	PASS
Band40	5	39625	25	#0	QPSK	U-ACLR2+	50.86	35.2	PASS
Band40	5	39625	8	#0	16QAM	U-ACLR2-	55.50	35.2	PASS
Band40	5	39625	8	#0	16QAM	U-ACLR1-	45.09	32.2	PASS
Band40	5	39625	8	#0	16QAM	E-ACLR-	45.50	29.2	PASS
Band40	5	39625	8	#0	16QAM	EUTRA	0.00	0	PASS
Band40	5	39625	8	#0	16QAM	E-ACLR+	44.85	29.2	PASS
Band40	5	39625	8	#0	16QAM	U-ACLR+	51.22	32.2	PASS
Band40	5	39625	8	#0	16QAM	U-ACLR2+	47.91	35.2	PASS
Band40	5	39625	8	#Max	16QAM	U-ACLR2-	48.37	35.2	PASS
Band40	5	39625	8	#Max	16QAM	U-ACLR1-	51.26	32.2	PASS
Band40	5	39625	8	#Max	16QAM	E-ACLR-	45.16	29.2	PASS
Band40	5	39625	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	5	39625	8	#Max	16QAM	E-ACLR+	45.30	29.2	PASS
Band40	5	39625	8	#Max	16QAM	U-ACLR+	44.66	32.2	PASS
Band40	5	39625	8	#Max	16QAM	U-ACLR2+	55.59	35.2	PASS
Band40	5	39625	25	#0	16QAM	U-ACLR2-	51.52	35.2	PASS
Band40	5	39625	25	#0	16QAM	U-ACLR1-	48.09	32.2	PASS
Band40	5	39625	25	#0	16QAM	E-ACLR-	45.47	29.2	PASS
Band40	5	39625	25	#0	16QAM	EUTRA	0.00	0	PASS
Band40	5	39625	25	#0	16QAM	E-ACLR+	45.12	29.2	PASS
Band40	5	39625	25	#0	16QAM	U-ACLR+	46.98	32.2	PASS

Band40	5	39625	25	#0	16QAM	U-ACLR2+	51.05	35.2	PASS
Band40	10	38700	12	#0	QPSK	U-ACLR2-	54.66	35.2	PASS
Band40	10	38700	12	#0	QPSK	U-ACLR1-	42.81	32.2	PASS
Band40	10	38700	12	#0	QPSK	E-ACLR-	43.67	29.2	PASS
Band40	10	38700	12	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	38700	12	#0	QPSK	E-ACLR+	43.21	29.2	PASS
Band40	10	38700	12	#0	QPSK	U-ACLR+	57.38	32.2	PASS
Band40	10	38700	12	#0	QPSK	U-ACLR2+	55.53	35.2	PASS
Band40	10	38700	12	#Max	QPSK	U-ACLR2-	56.92	35.2	PASS
Band40	10	38700	12	#Max	QPSK	U-ACLR1-	57.73	32.2	PASS
Band40	10	38700	12	#Max	QPSK	E-ACLR-	45.63	29.2	PASS
Band40	10	38700	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	10	38700	12	#Max	QPSK	E-ACLR+	43.85	29.2	PASS
Band40	10	38700	12	#Max	QPSK	U-ACLR+	43.02	32.2	PASS
Band40	10	38700	12	#Max	QPSK	U-ACLR2+	54.80	35.2	PASS
Band40	10	38700	50	#0	QPSK	U-ACLR2-	50.25	35.2	PASS
Band40	10	38700	50	#0	QPSK	U-ACLR1-	48.09	32.2	PASS
Band40	10	38700	50	#0	QPSK	E-ACLR-	43.06	29.2	PASS
Band40	10	38700	50	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	38700	50	#0	QPSK	E-ACLR+	41.78	29.2	PASS
Band40	10	38700	50	#0	QPSK	U-ACLR+	46.68	32.2	PASS
Band40	10	38700	50	#0	QPSK	U-ACLR2+	48.65	35.2	PASS
Band40	10	38700	12	#0	16QAM	U-ACLR2-	53.54	35.2	PASS
Band40	10	38700	12	#0	16QAM	U-ACLR1-	43.51	32.2	PASS
Band40	10	38700	12	#0	16QAM	E-ACLR-	43.91	29.2	PASS
Band40	10	38700	12	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	38700	12	#0	16QAM	E-ACLR+	43.55	29.2	PASS
Band40	10	38700	12	#0	16QAM	U-ACLR+	56.53	32.2	PASS
Band40	10	38700	12	#0	16QAM	U-ACLR2+	55.68	35.2	PASS
Band40	10	38700	12	#Max	16QAM	U-ACLR2-	56.62	35.2	PASS
Band40	10	38700	12	#Max	16QAM	U-ACLR1-	56.88	32.2	PASS
Band40	10	38700	12	#Max	16QAM	E-ACLR-	45.75	29.2	PASS
Band40	10	38700	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	10	38700	12	#Max	16QAM	E-ACLR+	44.37	29.2	PASS
Band40	10	38700	12	#Max	16QAM	U-ACLR+	44.25	32.2	PASS
Band40	10	38700	12	#Max	16QAM	U-ACLR2+	53.94	35.2	PASS
Band40	10	38700	50	#0	16QAM	U-ACLR2-	49.74	35.2	PASS
Band40	10	38700	50	#0	16QAM	U-ACLR1-	47.51	32.2	PASS
Band40	10	38700	50	#0	16QAM	E-ACLR-	42.68	29.2	PASS
Band40	10	38700	50	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	38700	50	#0	16QAM	E-ACLR+	42.02	29.2	PASS
Band40	10	38700	50	#0	16QAM	U-ACLR+	47.30	32.2	PASS
Band40	10	38700	50	#0	16QAM	U-ACLR2+	48.97	35.2	PASS

Band40	10	39150	12	#0	QPSK	U-ACLR2-	55.55	35.2	PASS
Band40	10	39150	12	#0	QPSK	U-ACLR1-	43.19	32.2	PASS
Band40	10	39150	12	#0	QPSK	E-ACLR-	44.12	29.2	PASS
Band40	10	39150	12	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	39150	12	#0	QPSK	E-ACLR+	42.89	29.2	PASS
Band40	10	39150	12	#0	QPSK	U-ACLR+	57.01	32.2	PASS
Band40	10	39150	12	#0	QPSK	U-ACLR2+	55.82	35.2	PASS
Band40	10	39150	12	#Max	QPSK	U-ACLR2-	56.27	35.2	PASS
Band40	10	39150	12	#Max	QPSK	U-ACLR1-	57.50	32.2	PASS
Band40	10	39150	12	#Max	QPSK	E-ACLR-	45.46	29.2	PASS
Band40	10	39150	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	10	39150	12	#Max	QPSK	E-ACLR+	44.25	29.2	PASS
Band40	10	39150	12	#Max	QPSK	U-ACLR+	43.75	32.2	PASS
Band40	10	39150	12	#Max	QPSK	U-ACLR2+	55.36	35.2	PASS
Band40	10	39150	50	#0	QPSK	U-ACLR2-	50.49	35.2	PASS
Band40	10	39150	50	#0	QPSK	U-ACLR1-	48.24	32.2	PASS
Band40	10	39150	50	#0	QPSK	E-ACLR-	43.59	29.2	PASS
Band40	10	39150	50	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	39150	50	#0	QPSK	E-ACLR+	41.89	29.2	PASS
Band40	10	39150	50	#0	QPSK	U-ACLR+	47.26	32.2	PASS
Band40	10	39150	50	#0	QPSK	U-ACLR2+	48.63	35.2	PASS
Band40	10	39150	12	#0	16QAM	U-ACLR2-	54.55	35.2	PASS
Band40	10	39150	12	#0	16QAM	U-ACLR1-	43.81	32.2	PASS
Band40	10	39150	12	#0	16QAM	E-ACLR-	44.46	29.2	PASS
Band40	10	39150	12	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	39150	12	#0	16QAM	E-ACLR+	43.39	29.2	PASS
Band40	10	39150	12	#0	16QAM	U-ACLR+	56.29	32.2	PASS
Band40	10	39150	12	#0	16QAM	U-ACLR2+	55.50	35.2	PASS
Band40	10	39150	12	#Max	16QAM	U-ACLR2-	56.55	35.2	PASS
Band40	10	39150	12	#Max	16QAM	U-ACLR1-	56.68	32.2	PASS
Band40	10	39150	12	#Max	16QAM	E-ACLR-	45.57	29.2	PASS
Band40	10	39150	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	10	39150	12	#Max	16QAM	E-ACLR+	44.04	29.2	PASS
Band40	10	39150	12	#Max	16QAM	U-ACLR+	43.60	32.2	PASS
Band40	10	39150	12	#Max	16QAM	U-ACLR2+	54.20	35.2	PASS
Band40	10	39150	50	#0	16QAM	U-ACLR2-	50.14	35.2	PASS
Band40	10	39150	50	#0	16QAM	U-ACLR1-	48.05	32.2	PASS
Band40	10	39150	50	#0	16QAM	E-ACLR-	43.08	29.2	PASS
Band40	10	39150	50	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	39150	50	#0	16QAM	E-ACLR+	42.10	29.2	PASS
Band40	10	39150	50	#0	16QAM	U-ACLR+	47.14	32.2	PASS
Band40	10	39150	50	#0	16QAM	U-ACLR2+	48.83	35.2	PASS
Band40	10	39600	12	#0	QPSK	U-ACLR2-	54.92	35.2	PASS

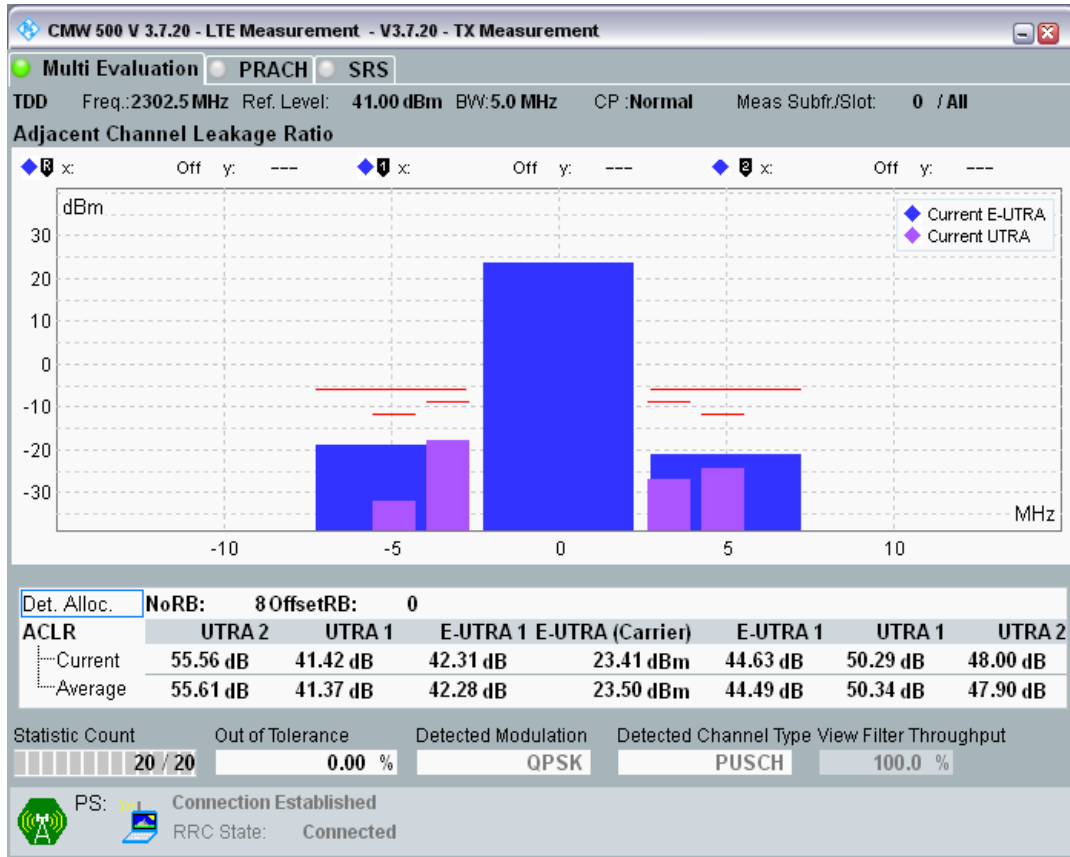
Band40	10	39600	12	#0	QPSK	U-ACLR1-	45.53	32.2	PASS
Band40	10	39600	12	#0	QPSK	E-ACLR-	45.84	29.2	PASS
Band40	10	39600	12	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	39600	12	#0	QPSK	E-ACLR+	43.63	29.2	PASS
Band40	10	39600	12	#0	QPSK	U-ACLR+	57.46	32.2	PASS
Band40	10	39600	12	#0	QPSK	U-ACLR2+	55.96	35.2	PASS
Band40	10	39600	12	#Max	QPSK	U-ACLR2-	56.17	35.2	PASS
Band40	10	39600	12	#Max	QPSK	U-ACLR1-	57.60	32.2	PASS
Band40	10	39600	12	#Max	QPSK	E-ACLR-	44.61	29.2	PASS
Band40	10	39600	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	10	39600	12	#Max	QPSK	E-ACLR+	45.53	29.2	PASS
Band40	10	39600	12	#Max	QPSK	U-ACLR+	45.06	32.2	PASS
Band40	10	39600	12	#Max	QPSK	U-ACLR2+	55.07	35.2	PASS
Band40	10	39600	50	#0	QPSK	U-ACLR2-	52.79	35.2	PASS
Band40	10	39600	50	#0	QPSK	U-ACLR1-	50.85	32.2	PASS
Band40	10	39600	50	#0	QPSK	E-ACLR-	45.50	29.2	PASS
Band40	10	39600	50	#0	QPSK	EUTRA	0.00	0	PASS
Band40	10	39600	50	#0	QPSK	E-ACLR+	44.33	29.2	PASS
Band40	10	39600	50	#0	QPSK	U-ACLR+	49.61	32.2	PASS
Band40	10	39600	50	#0	QPSK	U-ACLR2+	51.43	35.2	PASS
Band40	10	39600	12	#0	16QAM	U-ACLR2-	54.51	35.2	PASS
Band40	10	39600	12	#0	16QAM	U-ACLR1-	46.38	32.2	PASS
Band40	10	39600	12	#0	16QAM	E-ACLR-	45.90	29.2	PASS
Band40	10	39600	12	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	39600	12	#0	16QAM	E-ACLR+	43.92	29.2	PASS
Band40	10	39600	12	#0	16QAM	U-ACLR+	56.68	32.2	PASS
Band40	10	39600	12	#0	16QAM	U-ACLR2+	55.64	35.2	PASS
Band40	10	39600	12	#Max	16QAM	U-ACLR2-	55.97	35.2	PASS
Band40	10	39600	12	#Max	16QAM	U-ACLR1-	56.73	32.2	PASS
Band40	10	39600	12	#Max	16QAM	E-ACLR-	44.77	29.2	PASS
Band40	10	39600	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	10	39600	12	#Max	16QAM	E-ACLR+	45.74	29.2	PASS
Band40	10	39600	12	#Max	16QAM	U-ACLR+	46.02	32.2	PASS
Band40	10	39600	12	#Max	16QAM	U-ACLR2+	54.59	35.2	PASS
Band40	10	39600	50	#0	16QAM	U-ACLR2-	52.04	35.2	PASS
Band40	10	39600	50	#0	16QAM	U-ACLR1-	49.66	32.2	PASS
Band40	10	39600	50	#0	16QAM	E-ACLR-	44.64	29.2	PASS
Band40	10	39600	50	#0	16QAM	EUTRA	0.00	0	PASS
Band40	10	39600	50	#0	16QAM	E-ACLR+	44.37	29.2	PASS
Band40	10	39600	50	#0	16QAM	U-ACLR+	49.73	32.2	PASS
Band40	10	39600	50	#0	16QAM	U-ACLR2+	51.56	35.2	PASS
Band40	20	38750	18	#0	QPSK	U-ACLR2-	52.74	35.2	PASS
Band40	20	38750	18	#0	QPSK	U-ACLR1-	45.56	32.2	PASS

Band40	20	38750	18	#0	QPSK	E-ACLR-	44.74	29.2	PASS
Band40	20	38750	18	#0	QPSK	EUTRA	0.00	0	PASS
Band40	20	38750	18	#0	QPSK	E-ACLR+	43.70	29.2	PASS
Band40	20	38750	18	#0	QPSK	U-ACLR+	57.97	32.2	PASS
Band40	20	38750	18	#0	QPSK	U-ACLR2+	58.38	35.2	PASS
Band40	20	38750	18	#Max	QPSK	U-ACLR2-	58.52	35.2	PASS
Band40	20	38750	18	#Max	QPSK	U-ACLR1-	58.37	32.2	PASS
Band40	20	38750	18	#Max	QPSK	E-ACLR-	45.45	29.2	PASS
Band40	20	38750	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	20	38750	18	#Max	QPSK	E-ACLR+	45.56	29.2	PASS
Band40	20	38750	18	#Max	QPSK	U-ACLR+	47.67	32.2	PASS
Band40	20	38750	18	#Max	QPSK	U-ACLR2+	53.51	35.2	PASS
Band40	20	38750	100	#0	QPSK	U-ACLR2-	52.78	35.2	PASS
Band40	20	38750	100	#0	QPSK	U-ACLR1-	51.78	32.2	PASS
Band40	20	38750	100	#0	QPSK	E-ACLR-	43.20	29.2	PASS
Band40	20	38750	100	#0	QPSK	EUTRA	0.00	0	PASS
Band40	20	38750	100	#0	QPSK	E-ACLR+	42.11	29.2	PASS
Band40	20	38750	100	#0	QPSK	U-ACLR+	49.69	32.2	PASS
Band40	20	38750	100	#0	QPSK	U-ACLR2+	51.35	35.2	PASS
Band40	20	38750	18	#0	16QAM	U-ACLR2-	52.24	35.2	PASS
Band40	20	38750	18	#0	16QAM	U-ACLR1-	45.72	32.2	PASS
Band40	20	38750	18	#0	16QAM	E-ACLR-	44.09	29.2	PASS
Band40	20	38750	18	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	38750	18	#0	16QAM	E-ACLR+	43.81	29.2	PASS
Band40	20	38750	18	#0	16QAM	U-ACLR+	57.07	32.2	PASS
Band40	20	38750	18	#0	16QAM	U-ACLR2+	57.48	35.2	PASS
Band40	20	38750	18	#Max	16QAM	U-ACLR2-	57.48	35.2	PASS
Band40	20	38750	18	#Max	16QAM	U-ACLR1-	57.28	32.2	PASS
Band40	20	38750	18	#Max	16QAM	E-ACLR-	44.91	29.2	PASS
Band40	20	38750	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	20	38750	18	#Max	16QAM	E-ACLR+	44.88	29.2	PASS
Band40	20	38750	18	#Max	16QAM	U-ACLR+	47.76	32.2	PASS
Band40	20	38750	18	#Max	16QAM	U-ACLR2+	53.27	35.2	PASS
Band40	20	38750	100	#0	16QAM	U-ACLR2-	51.69	35.2	PASS
Band40	20	38750	100	#0	16QAM	U-ACLR1-	50.80	32.2	PASS
Band40	20	38750	100	#0	16QAM	E-ACLR-	42.20	29.2	PASS
Band40	20	38750	100	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	38750	100	#0	16QAM	E-ACLR+	42.07	29.2	PASS
Band40	20	38750	100	#0	16QAM	U-ACLR+	50.03	32.2	PASS
Band40	20	38750	100	#0	16QAM	U-ACLR2+	51.38	35.2	PASS
Band40	20	39150	18	#0	QPSK	U-ACLR2-	54.21	35.2	PASS
Band40	20	39150	18	#0	QPSK	U-ACLR1-	45.67	32.2	PASS
Band40	20	39150	18	#0	QPSK	E-ACLR-	44.96	29.2	PASS

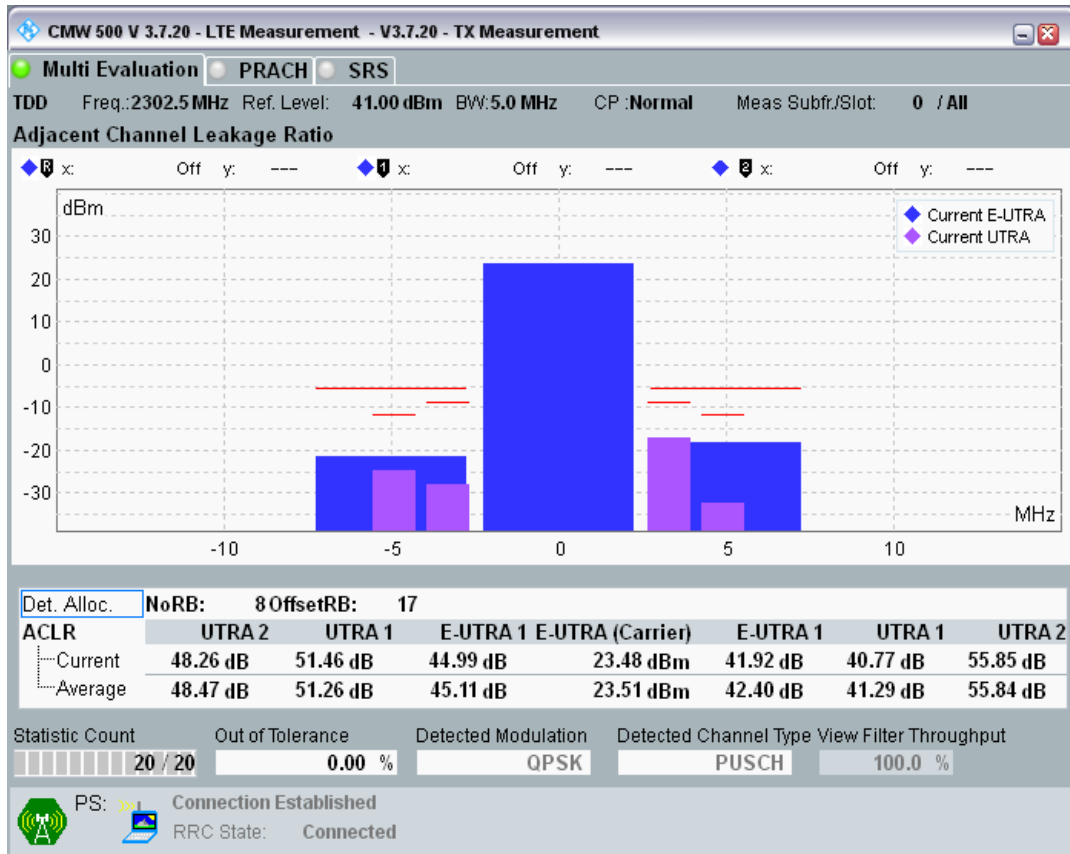
Band40	20	39150	18	#0	QPSK	EUTRA	0.00	0	PASS
Band40	20	39150	18	#0	QPSK	E-ACLR+	43.29	29.2	PASS
Band40	20	39150	18	#0	QPSK	U-ACLR+	57.79	32.2	PASS
Band40	20	39150	18	#0	QPSK	U-ACLR2+	58.03	35.2	PASS
Band40	20	39150	18	#Max	QPSK	U-ACLR2-	58.10	35.2	PASS
Band40	20	39150	18	#Max	QPSK	U-ACLR1-	57.97	32.2	PASS
Band40	20	39150	18	#Max	QPSK	E-ACLR-	44.70	29.2	PASS
Band40	20	39150	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	20	39150	18	#Max	QPSK	E-ACLR+	44.35	29.2	PASS
Band40	20	39150	18	#Max	QPSK	U-ACLR+	44.17	32.2	PASS
Band40	20	39150	18	#Max	QPSK	U-ACLR2+	52.84	35.2	PASS
Band40	20	39150	100	#0	QPSK	U-ACLR2-	52.28	35.2	PASS
Band40	20	39150	100	#0	QPSK	U-ACLR1-	51.44	32.2	PASS
Band40	20	39150	100	#0	QPSK	E-ACLR-	42.98	29.2	PASS
Band40	20	39150	100	#0	QPSK	EUTRA	0.00	0	PASS
Band40	20	39150	100	#0	QPSK	E-ACLR+	40.14	29.2	PASS
Band40	20	39150	100	#0	QPSK	U-ACLR+	48.60	32.2	PASS
Band40	20	39150	100	#0	QPSK	U-ACLR2+	49.02	35.2	PASS
Band40	20	39150	18	#0	16QAM	U-ACLR2-	53.78	35.2	PASS
Band40	20	39150	18	#0	16QAM	U-ACLR1-	46.61	32.2	PASS
Band40	20	39150	18	#0	16QAM	E-ACLR-	44.47	29.2	PASS
Band40	20	39150	18	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	39150	18	#0	16QAM	E-ACLR+	43.40	29.2	PASS
Band40	20	39150	18	#0	16QAM	U-ACLR+	56.87	32.2	PASS
Band40	20	39150	18	#0	16QAM	U-ACLR2+	57.15	35.2	PASS
Band40	20	39150	18	#Max	16QAM	U-ACLR2-	57.17	35.2	PASS
Band40	20	39150	18	#Max	16QAM	U-ACLR1-	57.01	32.2	PASS
Band40	20	39150	18	#Max	16QAM	E-ACLR-	44.35	29.2	PASS
Band40	20	39150	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	20	39150	18	#Max	16QAM	E-ACLR+	44.36	29.2	PASS
Band40	20	39150	18	#Max	16QAM	U-ACLR+	45.29	32.2	PASS
Band40	20	39150	18	#Max	16QAM	U-ACLR2+	53.16	35.2	PASS
Band40	20	39150	100	#0	16QAM	U-ACLR2-	52.05	35.2	PASS
Band40	20	39150	100	#0	16QAM	U-ACLR1-	51.22	32.2	PASS
Band40	20	39150	100	#0	16QAM	E-ACLR-	42.32	29.2	PASS
Band40	20	39150	100	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	39150	100	#0	16QAM	E-ACLR+	40.83	29.2	PASS
Band40	20	39150	100	#0	16QAM	U-ACLR+	49.45	32.2	PASS
Band40	20	39150	100	#0	16QAM	U-ACLR2+	50.13	35.2	PASS
Band40	20	39550	18	#0	QPSK	U-ACLR2-	53.04	35.2	PASS
Band40	20	39550	18	#0	QPSK	U-ACLR1-	48.44	32.2	PASS
Band40	20	39550	18	#0	QPSK	E-ACLR-	45.03	29.2	PASS
Band40	20	39550	18	#0	QPSK	EUTRA	0.00	0	PASS

Band40	20	39550	18	#0	QPSK	E-ACLR+	44.63	29.2	PASS
Band40	20	39550	18	#0	QPSK	U-ACLR+	58.36	32.2	PASS
Band40	20	39550	18	#0	QPSK	U-ACLR2+	58.59	35.2	PASS
Band40	20	39550	18	#Max	QPSK	U-ACLR2-	58.19	35.2	PASS
Band40	20	39550	18	#Max	QPSK	U-ACLR1-	57.81	32.2	PASS
Band40	20	39550	18	#Max	QPSK	E-ACLR-	43.30	29.2	PASS
Band40	20	39550	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band40	20	39550	18	#Max	QPSK	E-ACLR+	45.57	29.2	PASS
Band40	20	39550	18	#Max	QPSK	U-ACLR+	47.60	32.2	PASS
Band40	20	39550	18	#Max	QPSK	U-ACLR2+	54.42	35.2	PASS
Band40	20	39550	100	#0	QPSK	U-ACLR2-	53.96	35.2	PASS
Band40	20	39550	100	#0	QPSK	U-ACLR1-	52.95	32.2	PASS
Band40	20	39550	100	#0	QPSK	E-ACLR-	43.55	29.2	PASS
Band40	20	39550	100	#0	QPSK	EUTRA	0.00	0	PASS
Band40	20	39550	100	#0	QPSK	E-ACLR+	43.56	29.2	PASS
Band40	20	39550	100	#0	QPSK	U-ACLR+	52.27	32.2	PASS
Band40	20	39550	100	#0	QPSK	U-ACLR2+	53.19	35.2	PASS
Band40	20	39550	18	#0	16QAM	U-ACLR2-	52.55	35.2	PASS
Band40	20	39550	18	#0	16QAM	U-ACLR1-	47.73	32.2	PASS
Band40	20	39550	18	#0	16QAM	E-ACLR-	44.25	29.2	PASS
Band40	20	39550	18	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	39550	18	#0	16QAM	E-ACLR+	44.52	29.2	PASS
Band40	20	39550	18	#0	16QAM	U-ACLR+	57.44	32.2	PASS
Band40	20	39550	18	#0	16QAM	U-ACLR2+	57.64	35.2	PASS
Band40	20	39550	18	#Max	16QAM	U-ACLR2-	57.17	35.2	PASS
Band40	20	39550	18	#Max	16QAM	U-ACLR1-	56.96	32.2	PASS
Band40	20	39550	18	#Max	16QAM	E-ACLR-	42.97	29.2	PASS
Band40	20	39550	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band40	20	39550	18	#Max	16QAM	E-ACLR+	45.07	29.2	PASS
Band40	20	39550	18	#Max	16QAM	U-ACLR+	48.50	32.2	PASS
Band40	20	39550	18	#Max	16QAM	U-ACLR2+	54.11	35.2	PASS
Band40	20	39550	100	#0	16QAM	U-ACLR2-	53.07	35.2	PASS
Band40	20	39550	100	#0	16QAM	U-ACLR1-	52.30	32.2	PASS
Band40	20	39550	100	#0	16QAM	E-ACLR-	42.57	29.2	PASS
Band40	20	39550	100	#0	16QAM	EUTRA	0.00	0	PASS
Band40	20	39550	100	#0	16QAM	E-ACLR+	43.37	29.2	PASS
Band40	20	39550	100	#0	16QAM	U-ACLR+	52.31	32.2	PASS
Band40	20	39550	100	#0	16QAM	U-ACLR2+	53.19	35.2	PASS

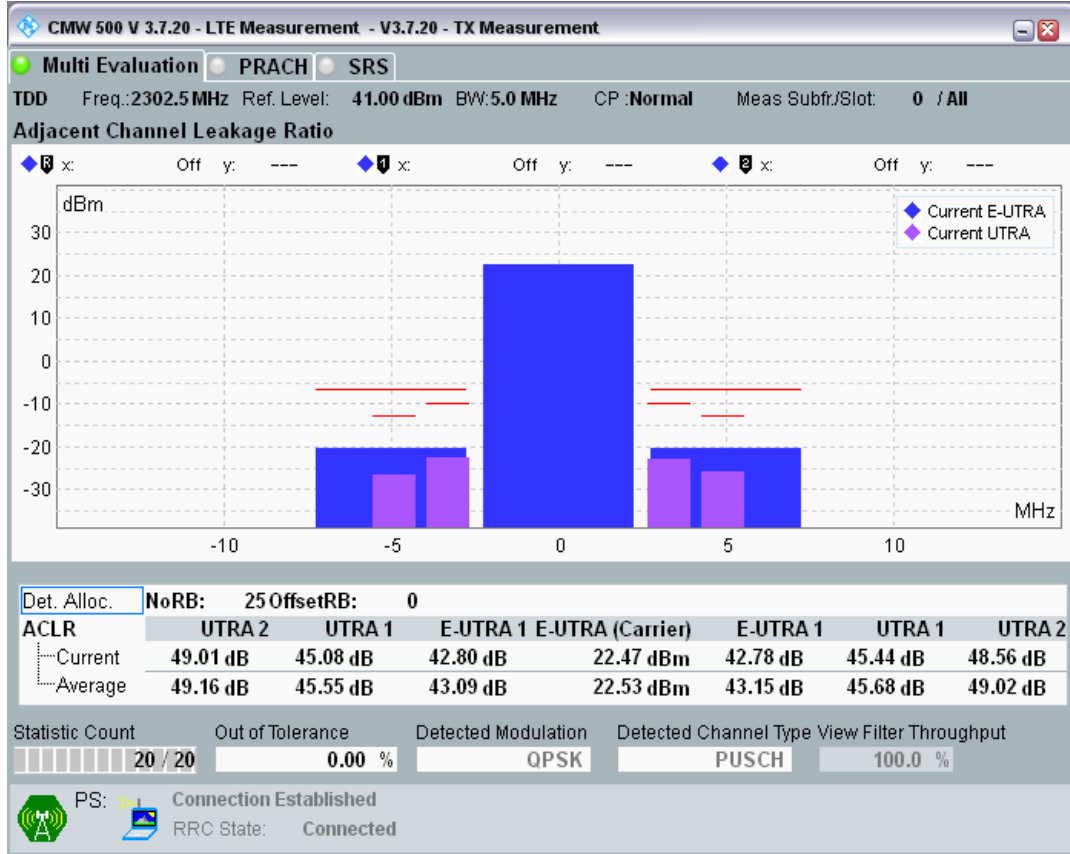
Band40 QPSK BW=5MHz Channel=38675 RB Size=8 Position=#0



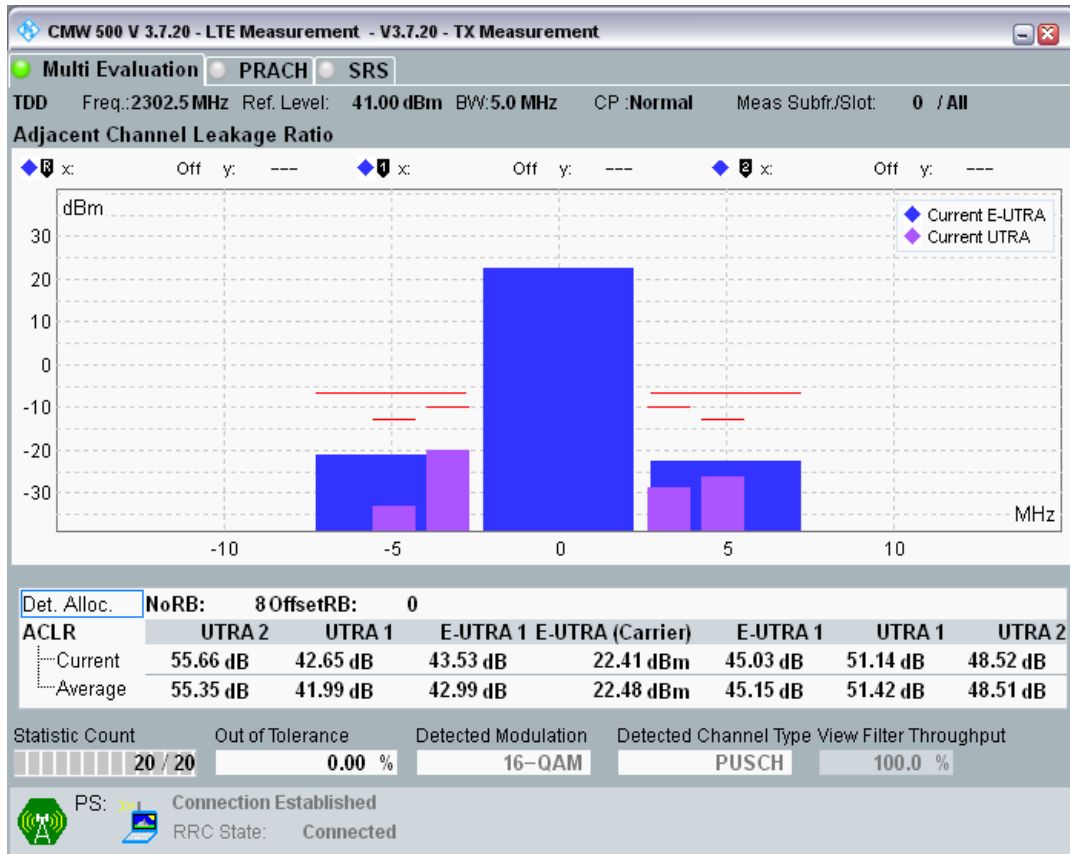
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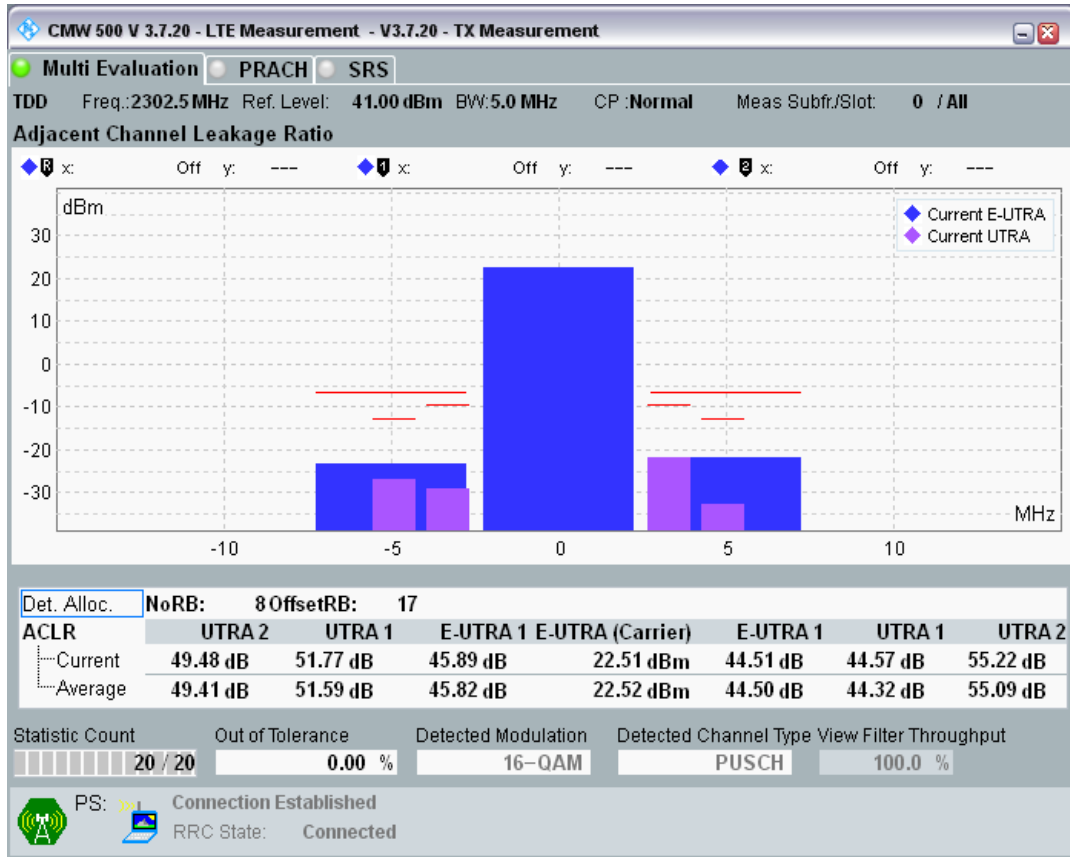
Band40 QPSK BW=5MHz Channel=38675 RB Size=25 Position=#0



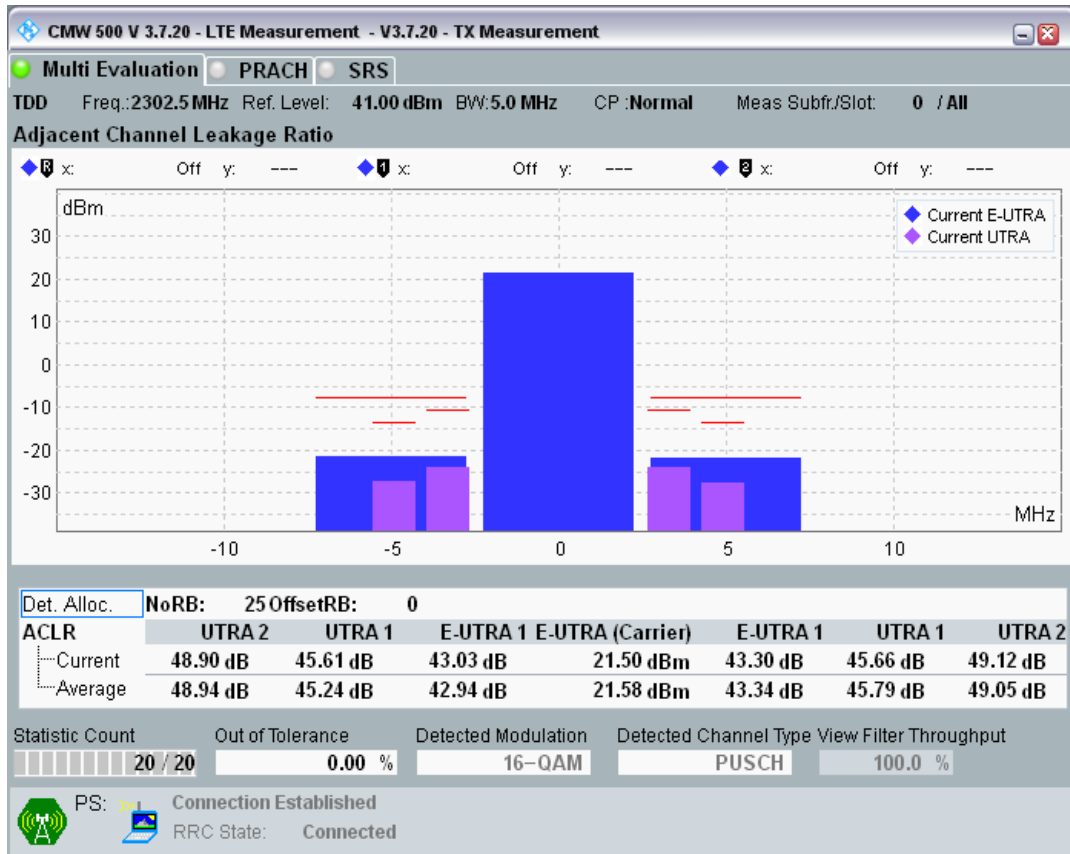
Band40 16QAM BW=5MHz Channel=38675 RB Size=8 Position=#0



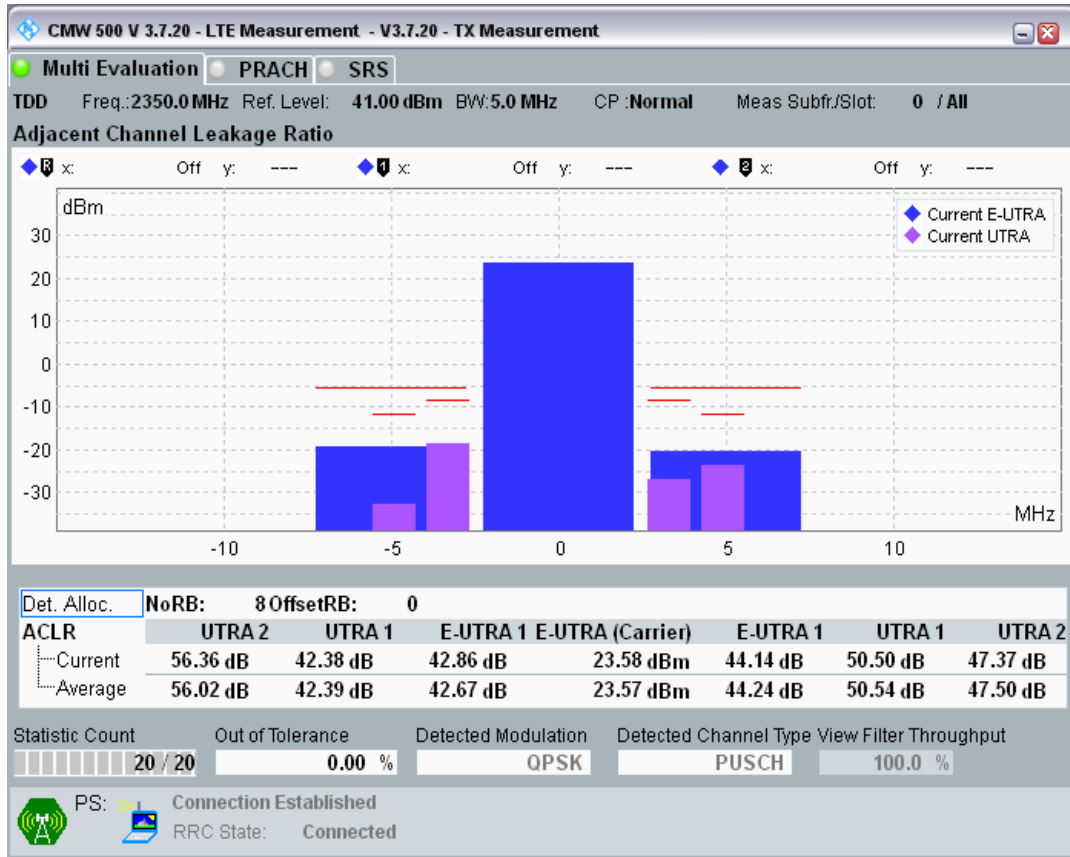
Band40 16QAM BW=5MHz Channel=38675 RB Size=8 Position=#Max



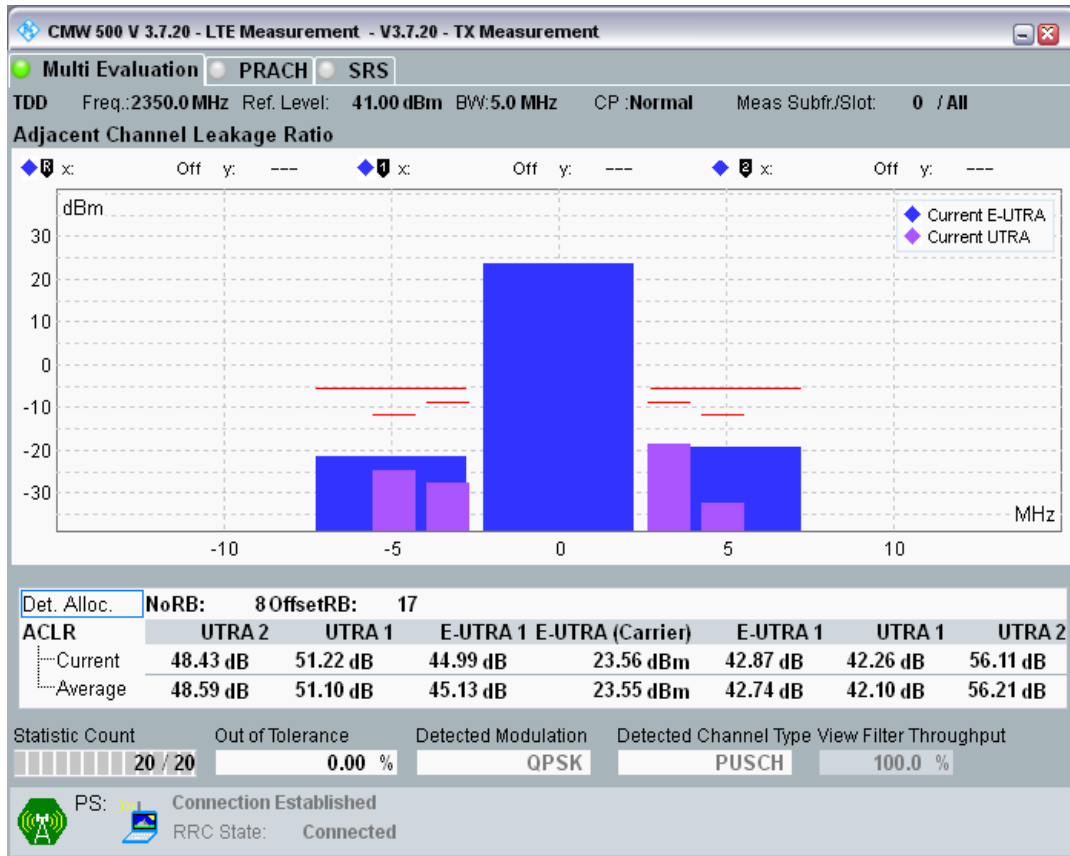
Band40 16QAM BW=5MHz Channel=38675 RB Size=25 Position=#0



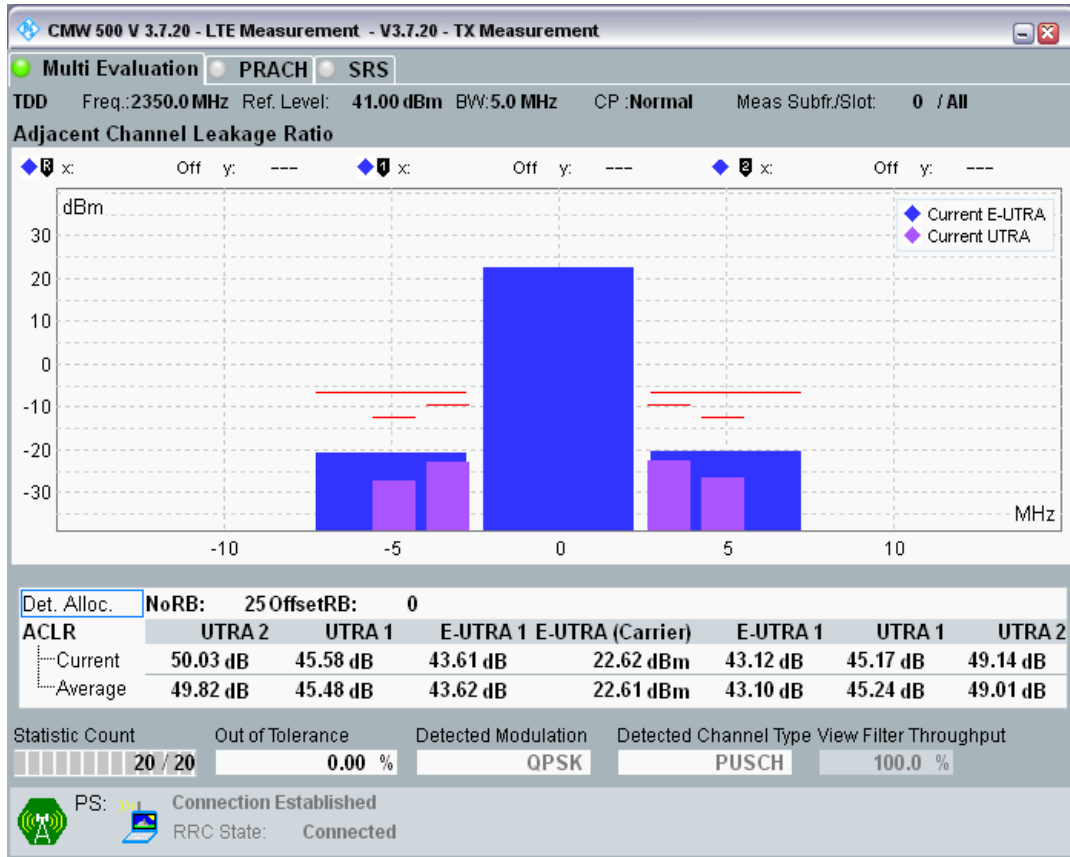
Band40 QPSK BW=5MHz Channel=39150 RB Size=8 Position=#0



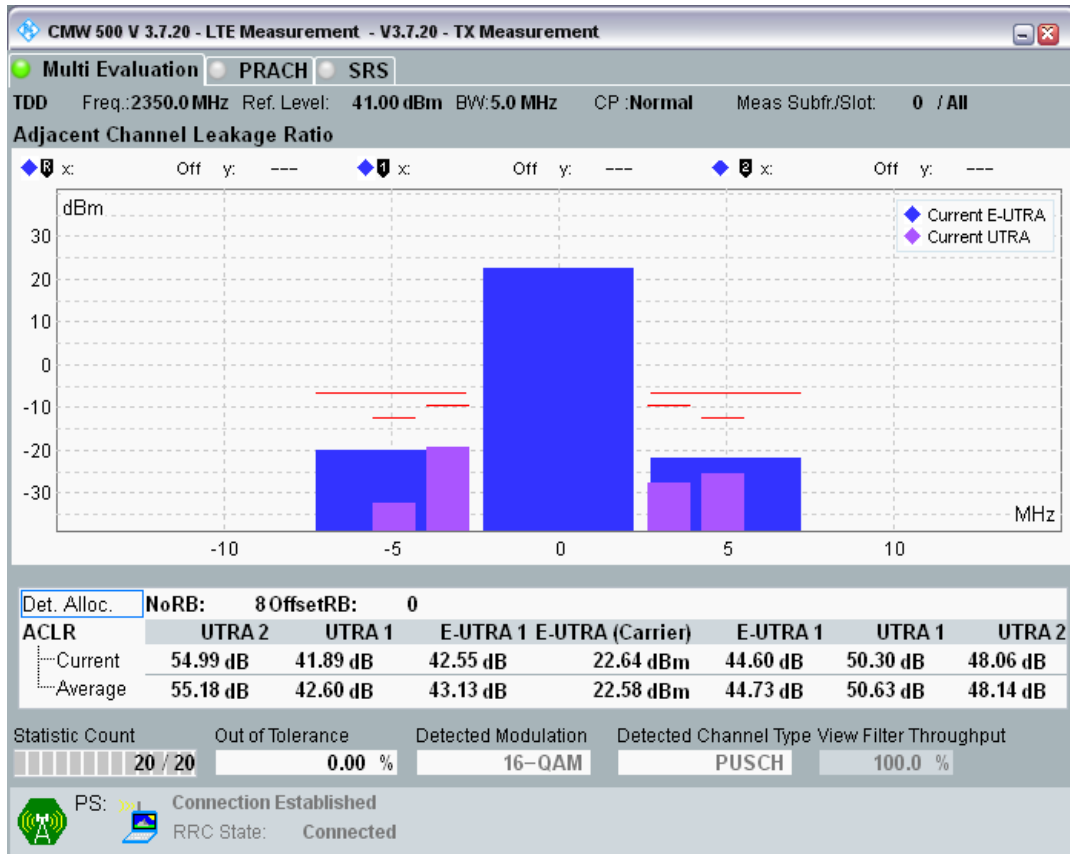
Band40 QPSK BW=5MHz Channel=39150 RB Size=8 Position=#Max



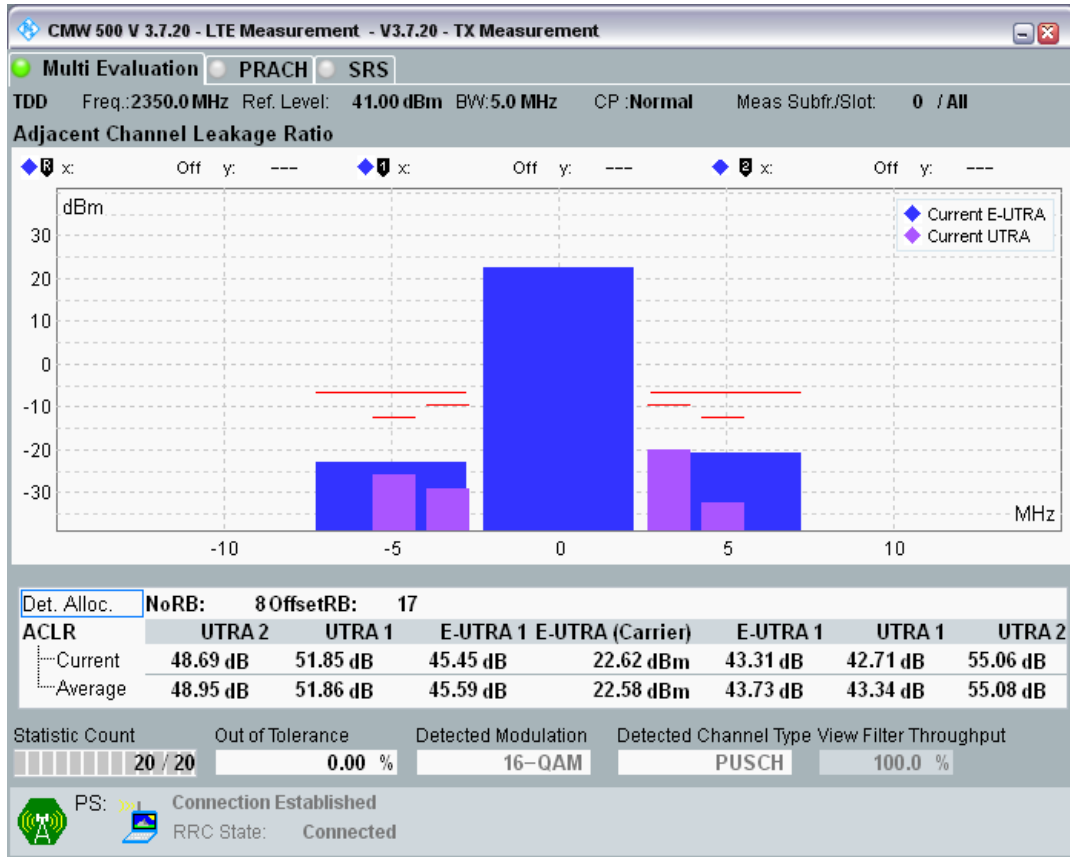
Band40 QPSK BW=5MHz Channel=39150 RB Size=25 Position=#0



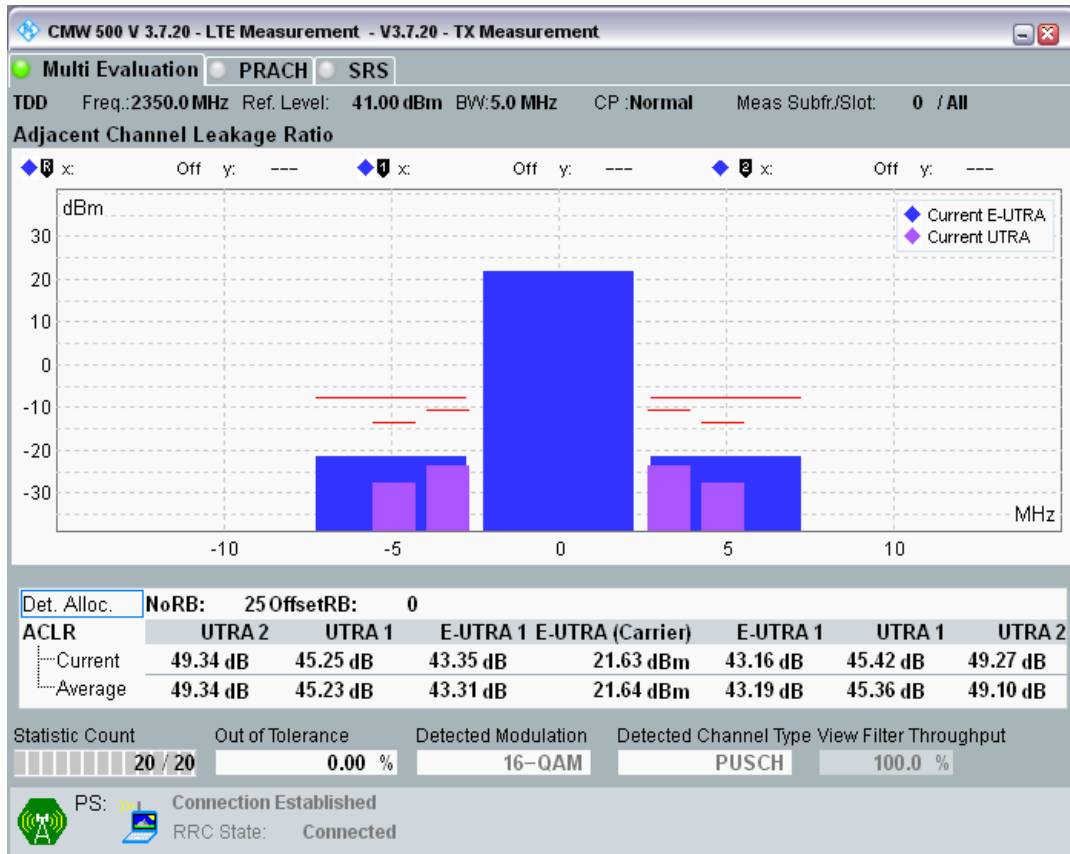
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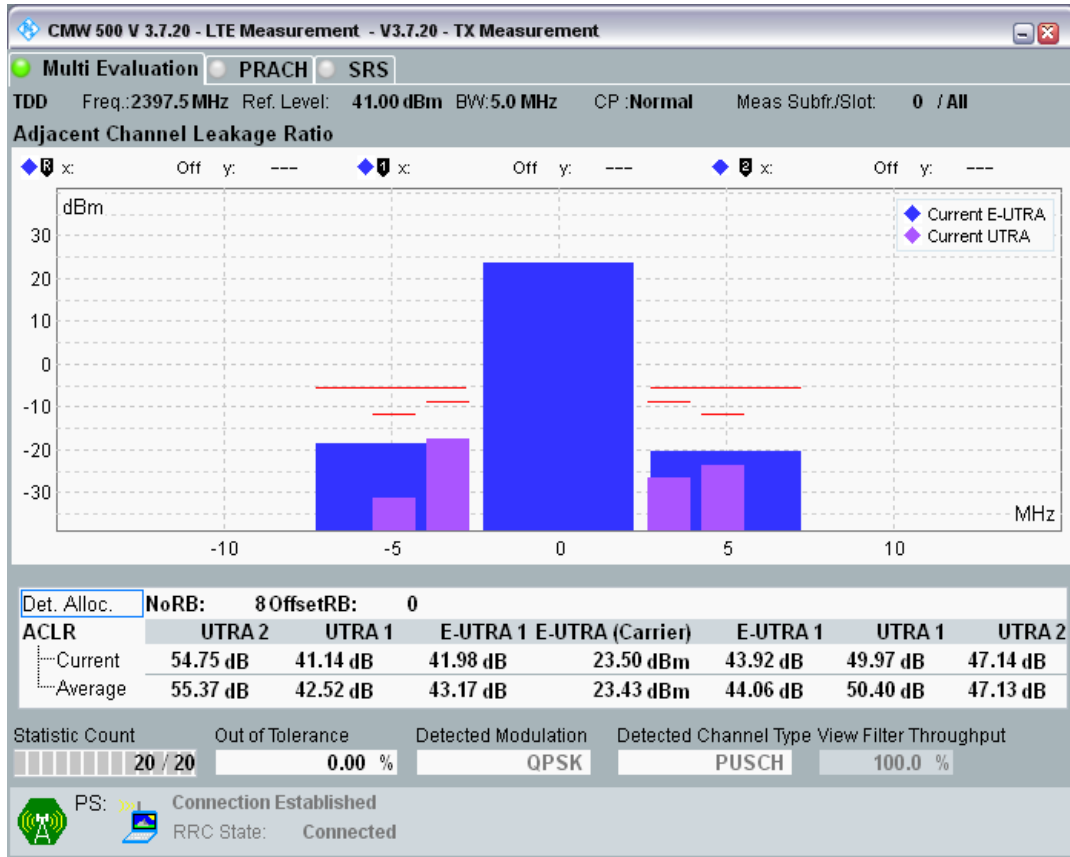
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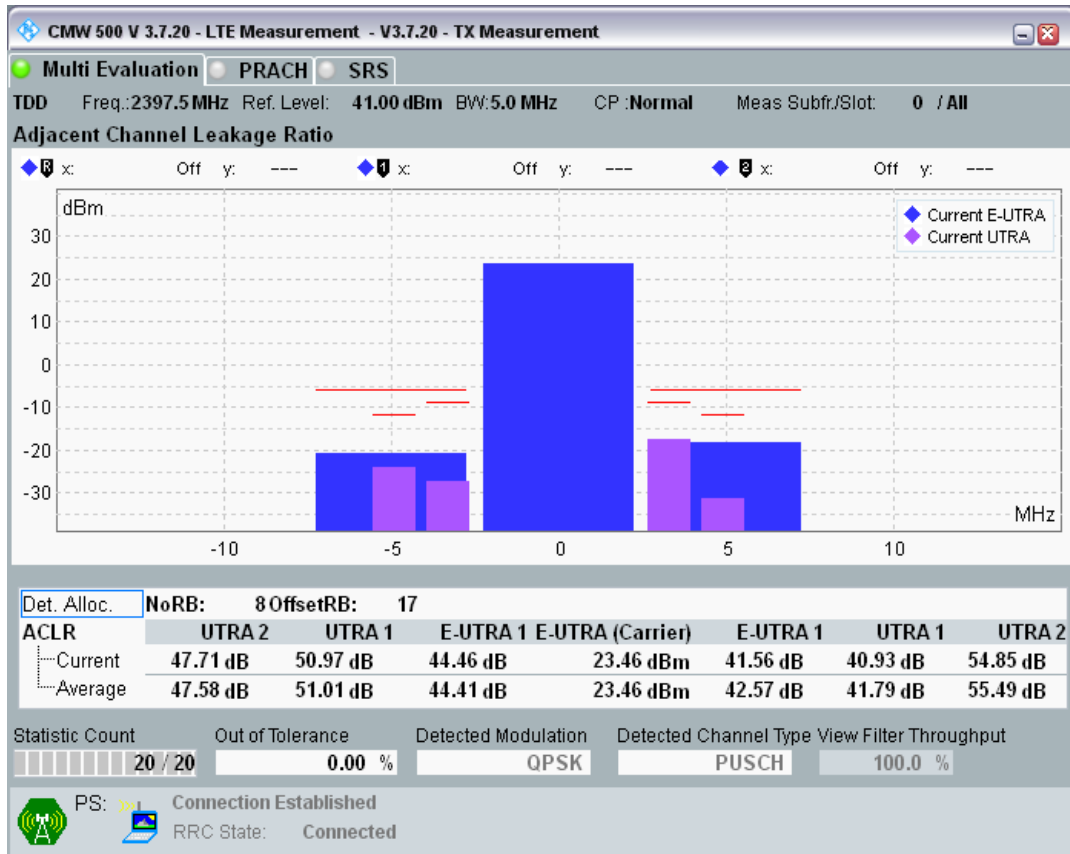
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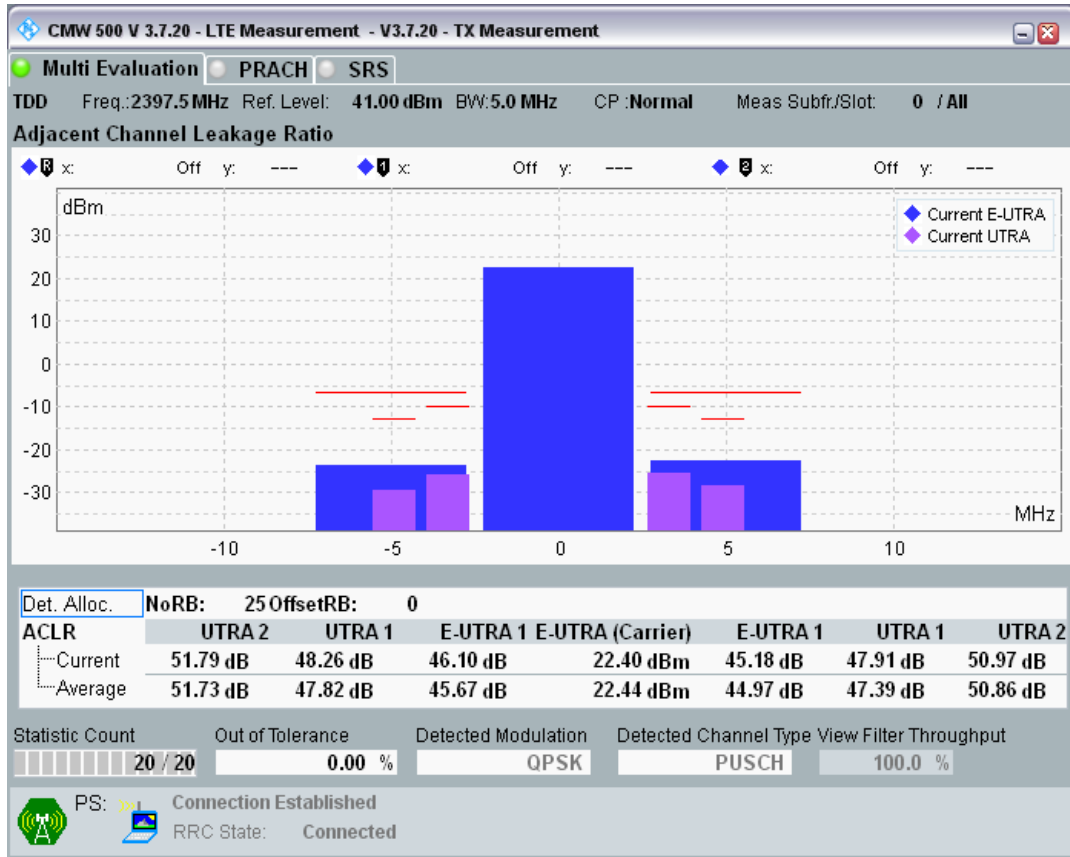
Band40 QPSK BW=5MHz Channel=39625 RB Size=8 Position=#0



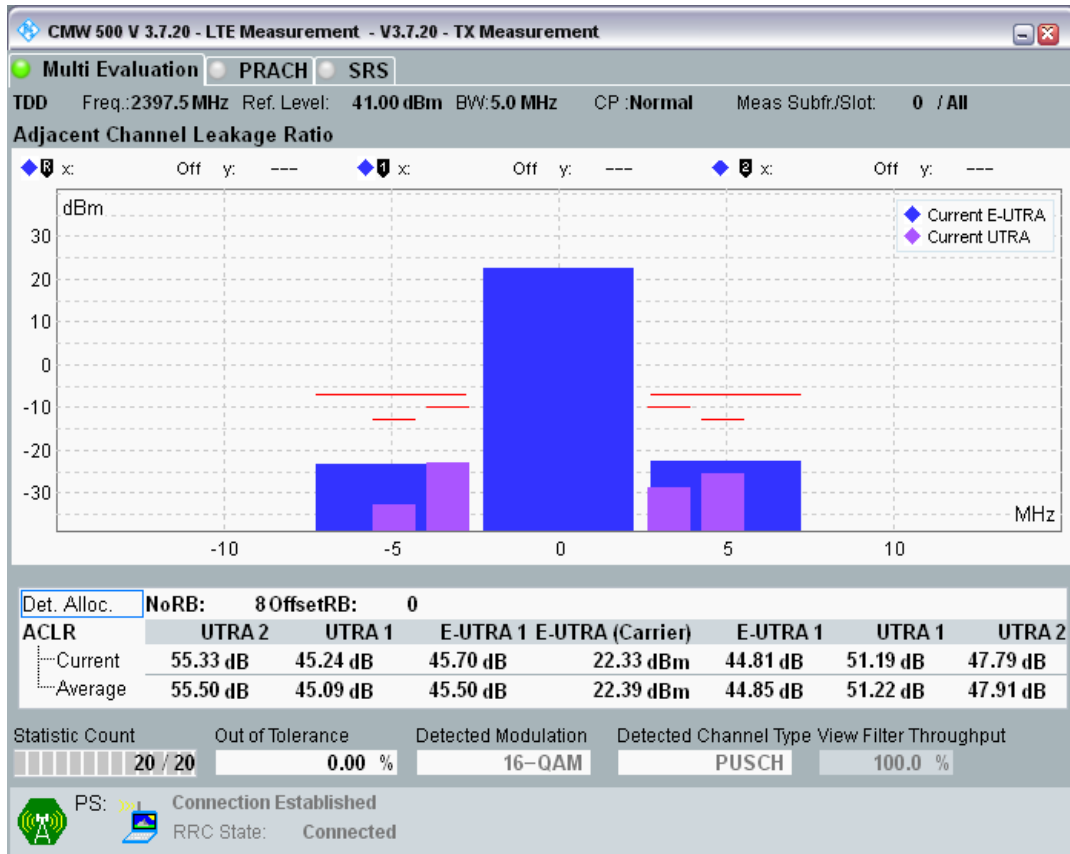
Band40 QPSK BW=5MHz Channel=39625 RB Size=8 Position=#Max



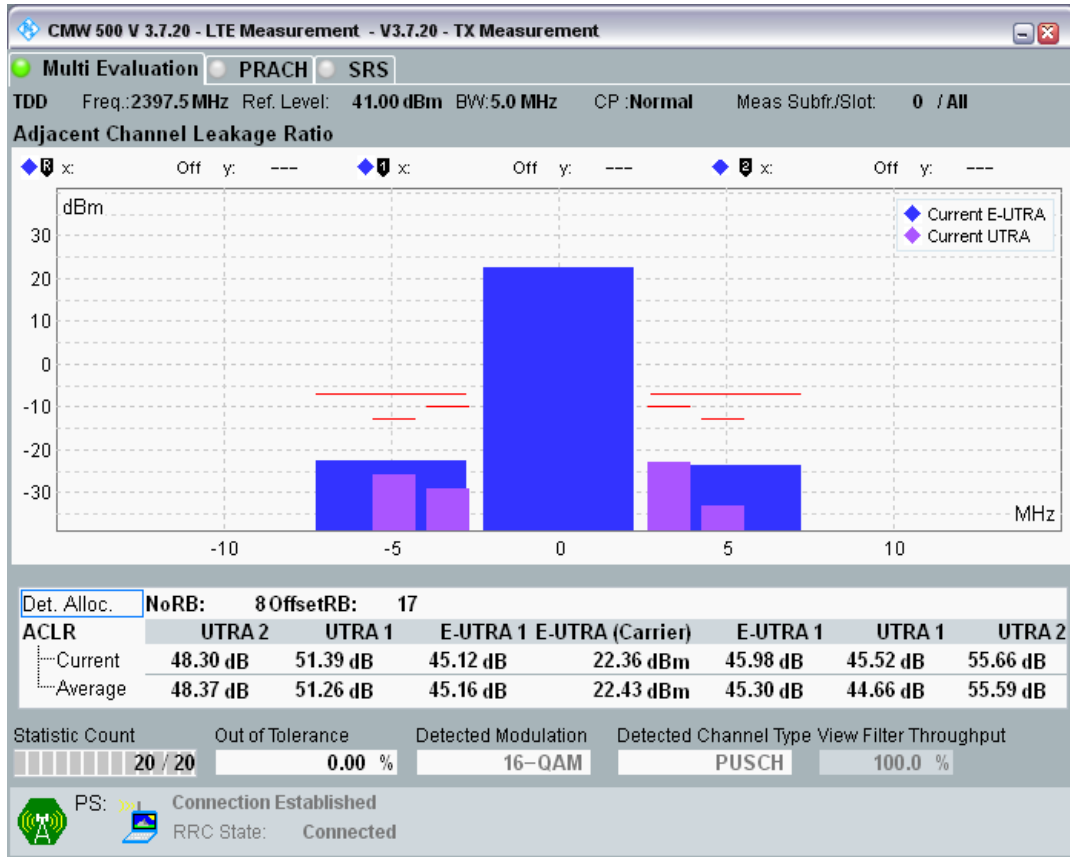
Band40 QPSK BW=5MHz Channel=39625 RB Size=25 Position=#0



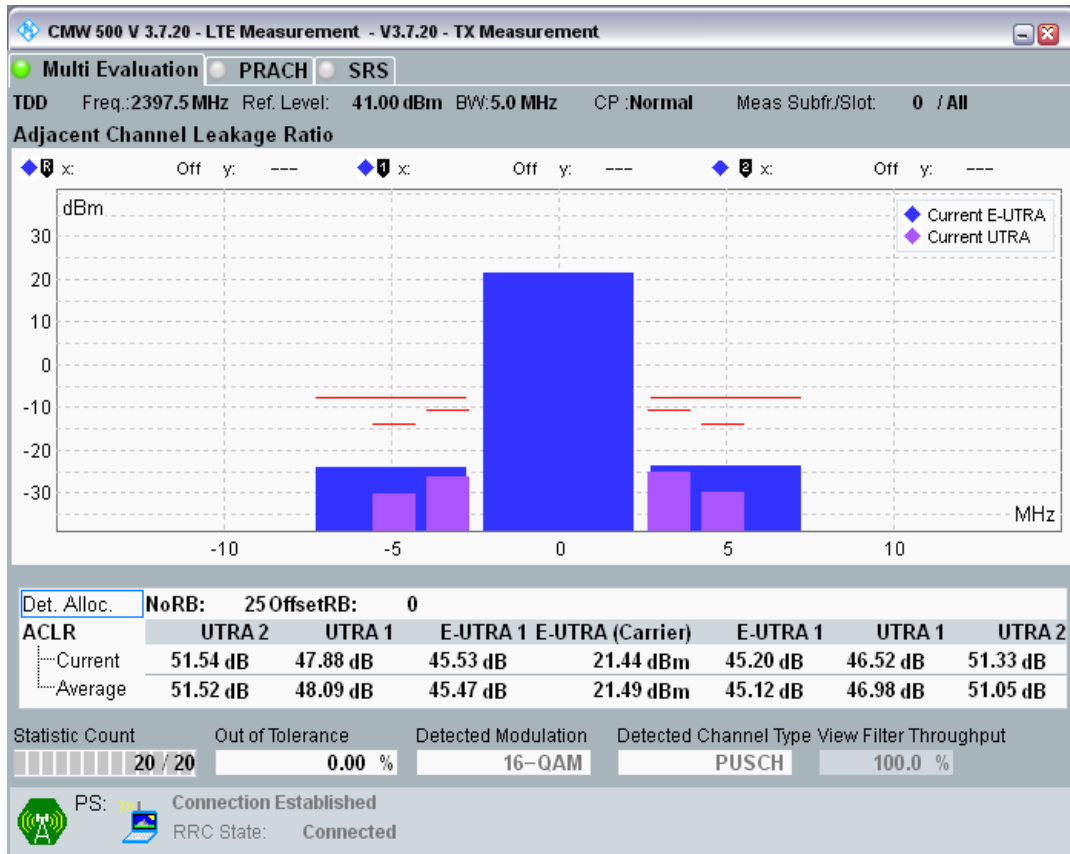
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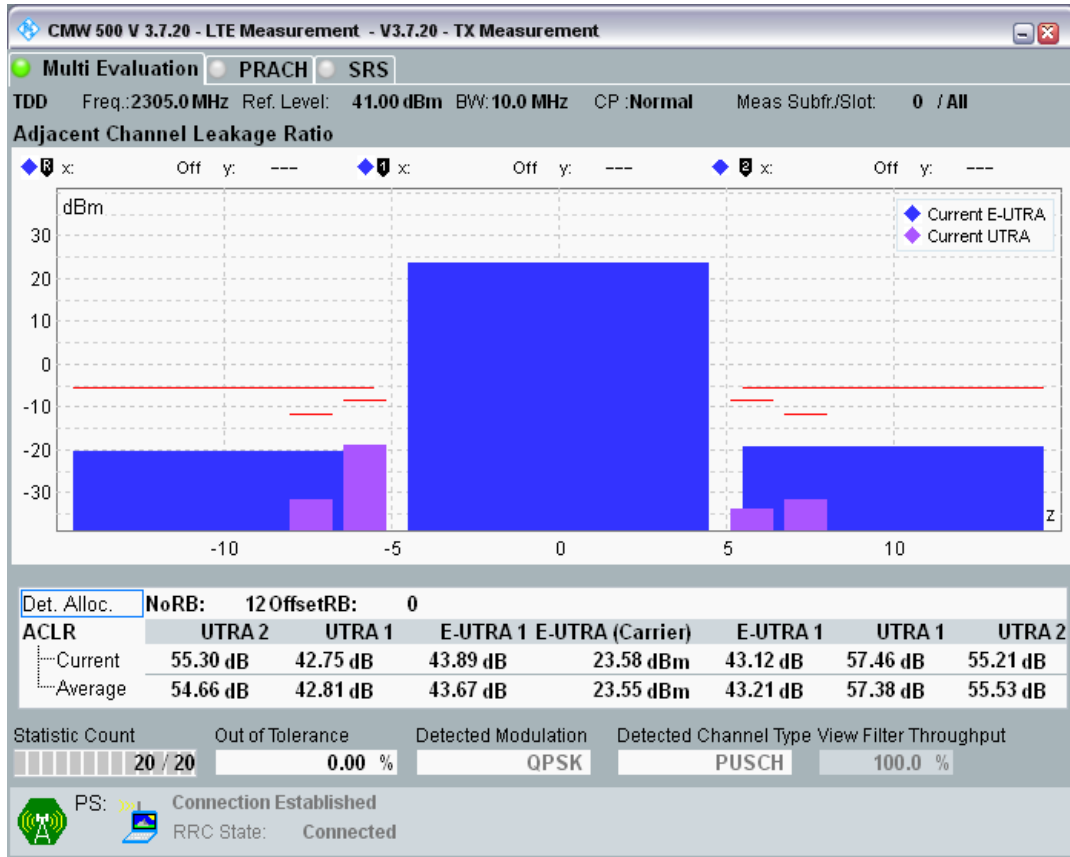
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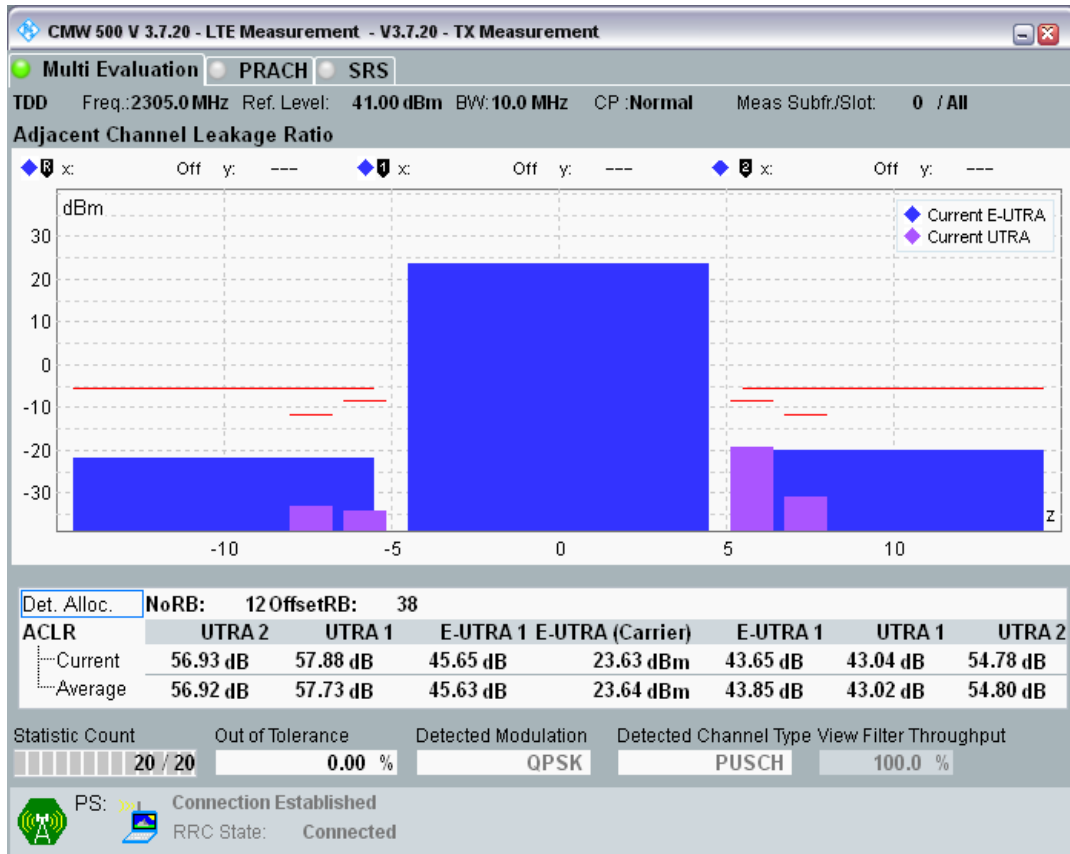
Band40 16QAM BW=5MHz Channel=39625 RB Size=25 Position=#0



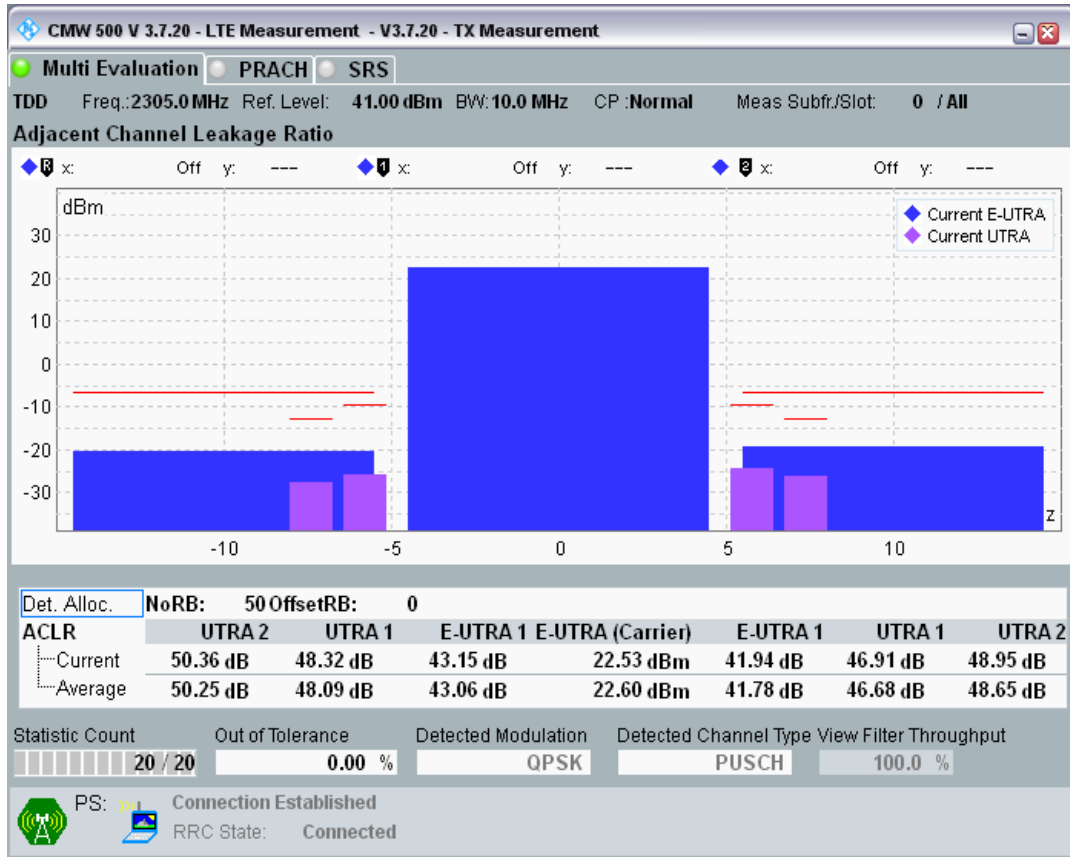
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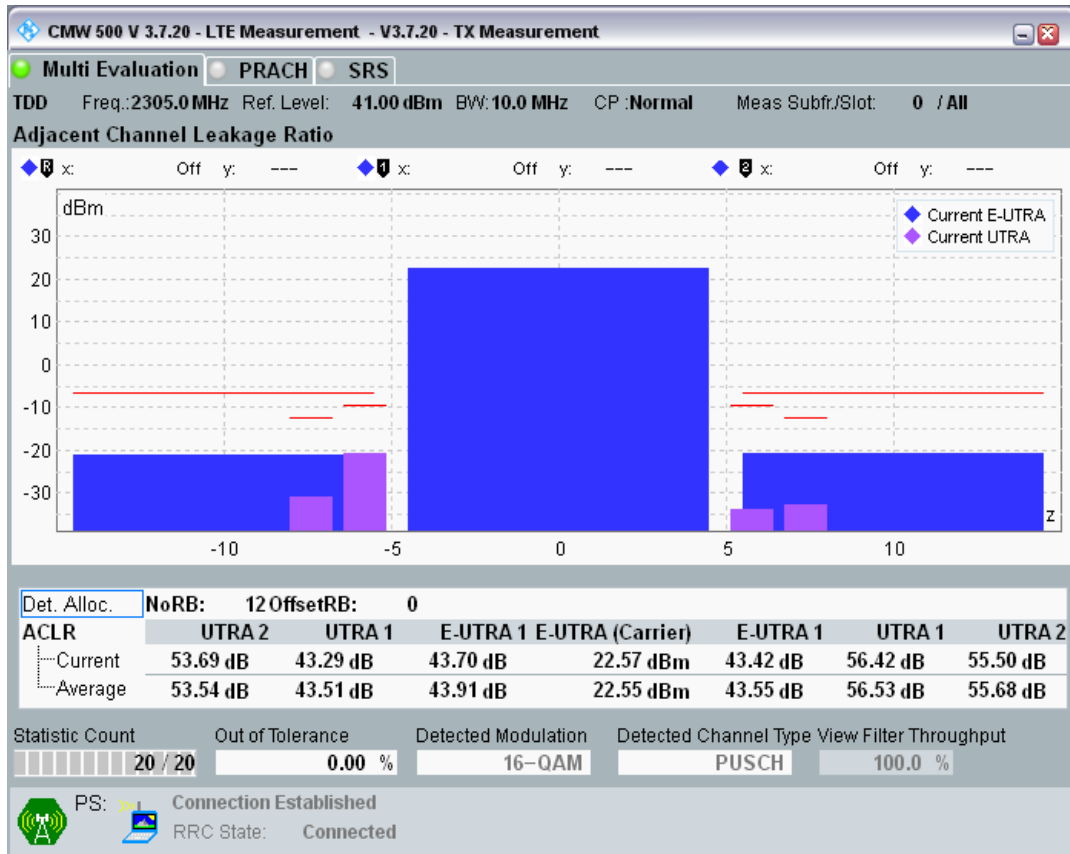
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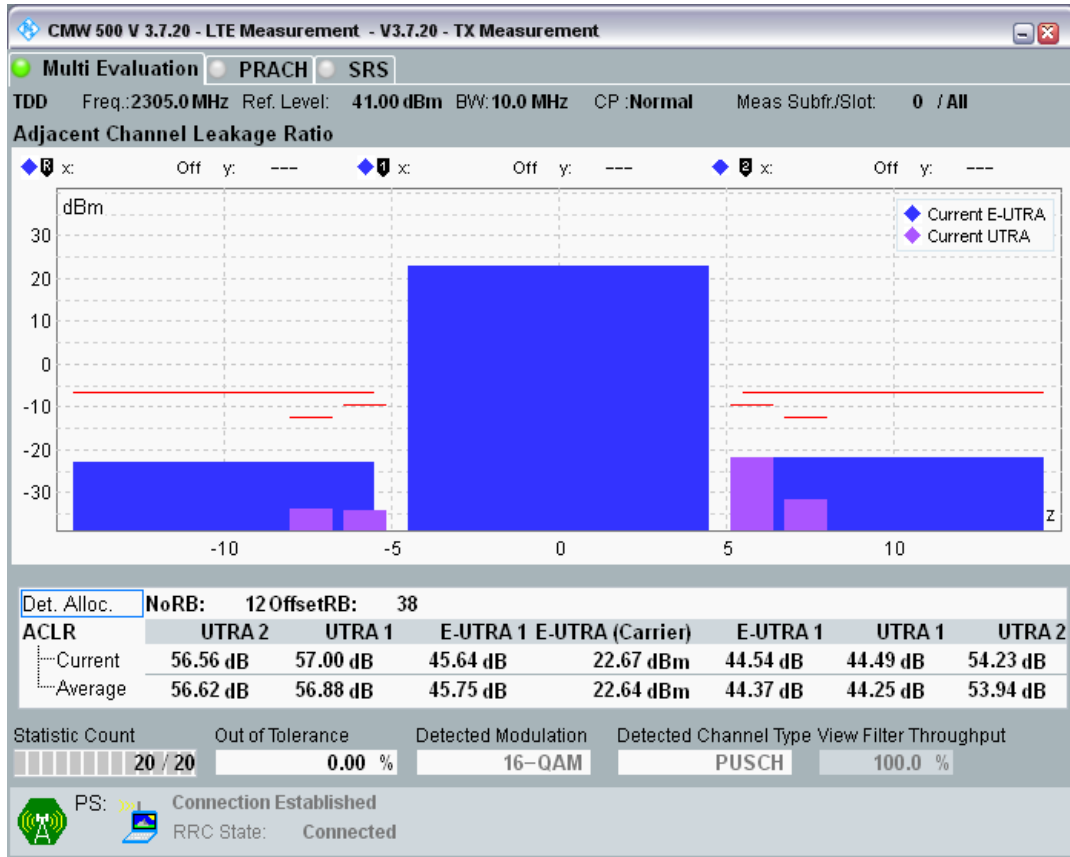
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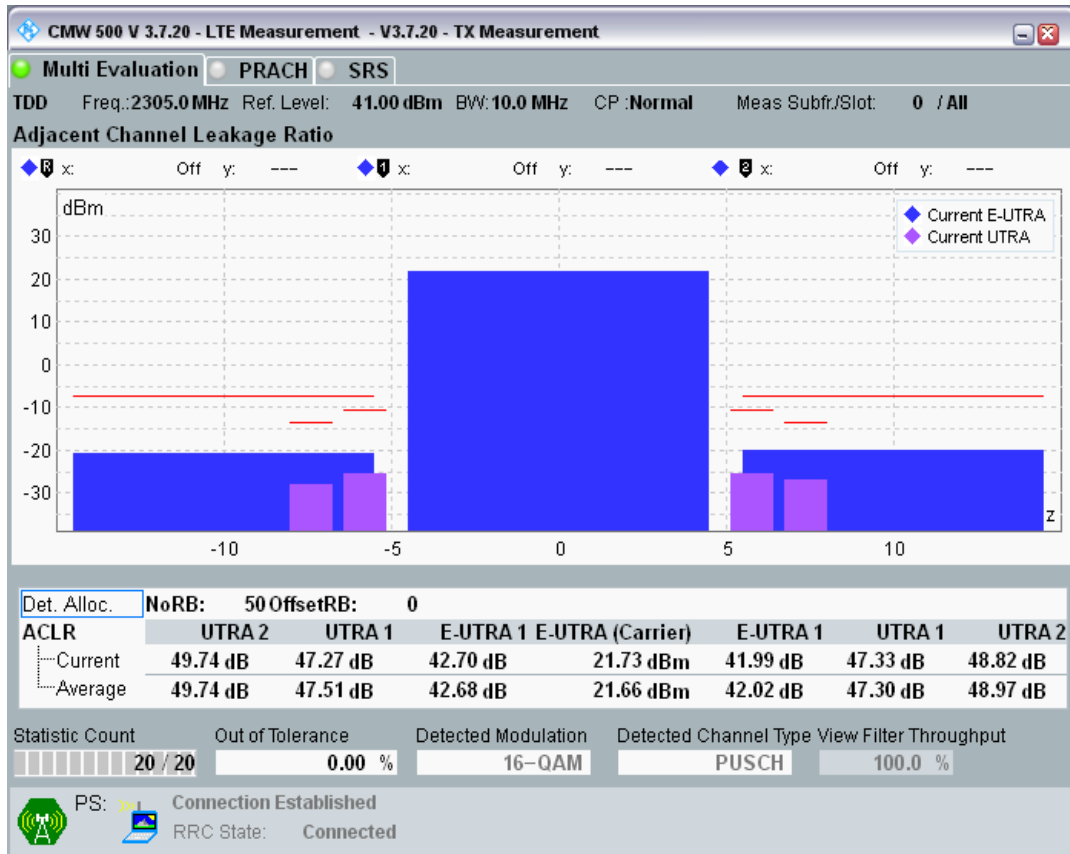
Band40 16QAM BW=10MHz Channel=38700 RB Size=12 Position=#0



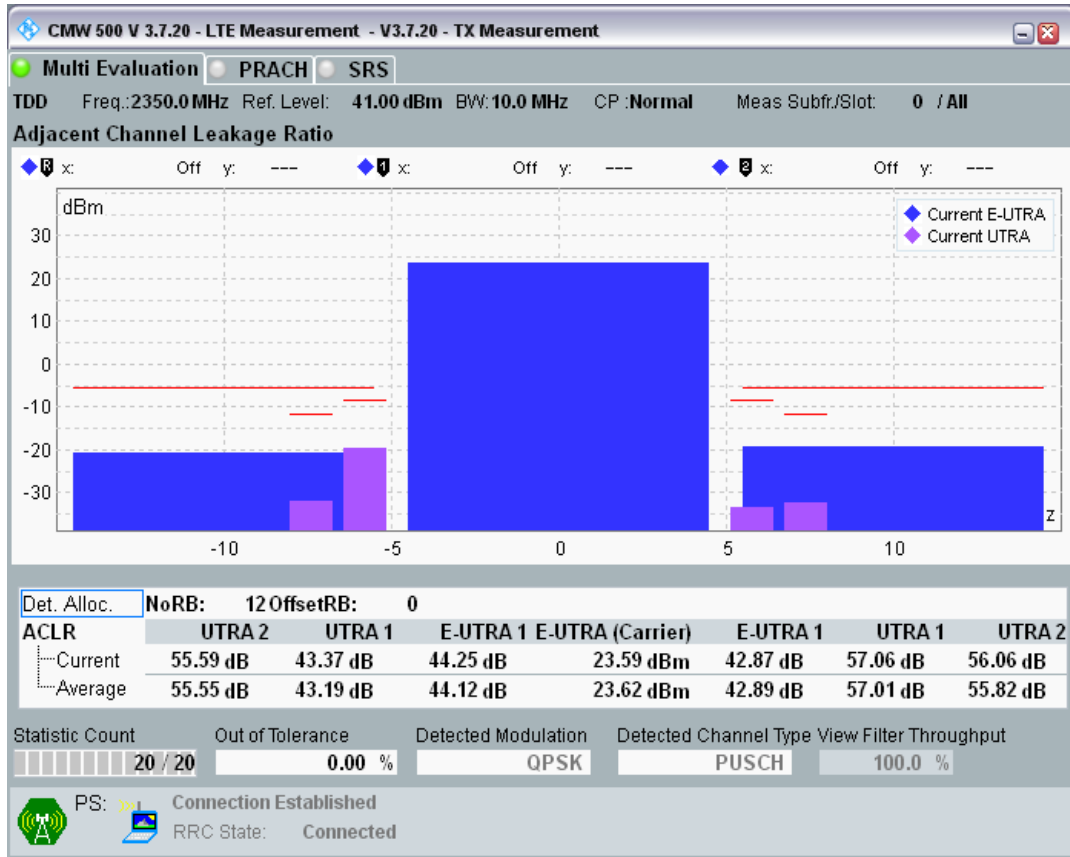
Band40 16QAM BW=10MHz Channel=38700 RB Size=12 Position=#Max



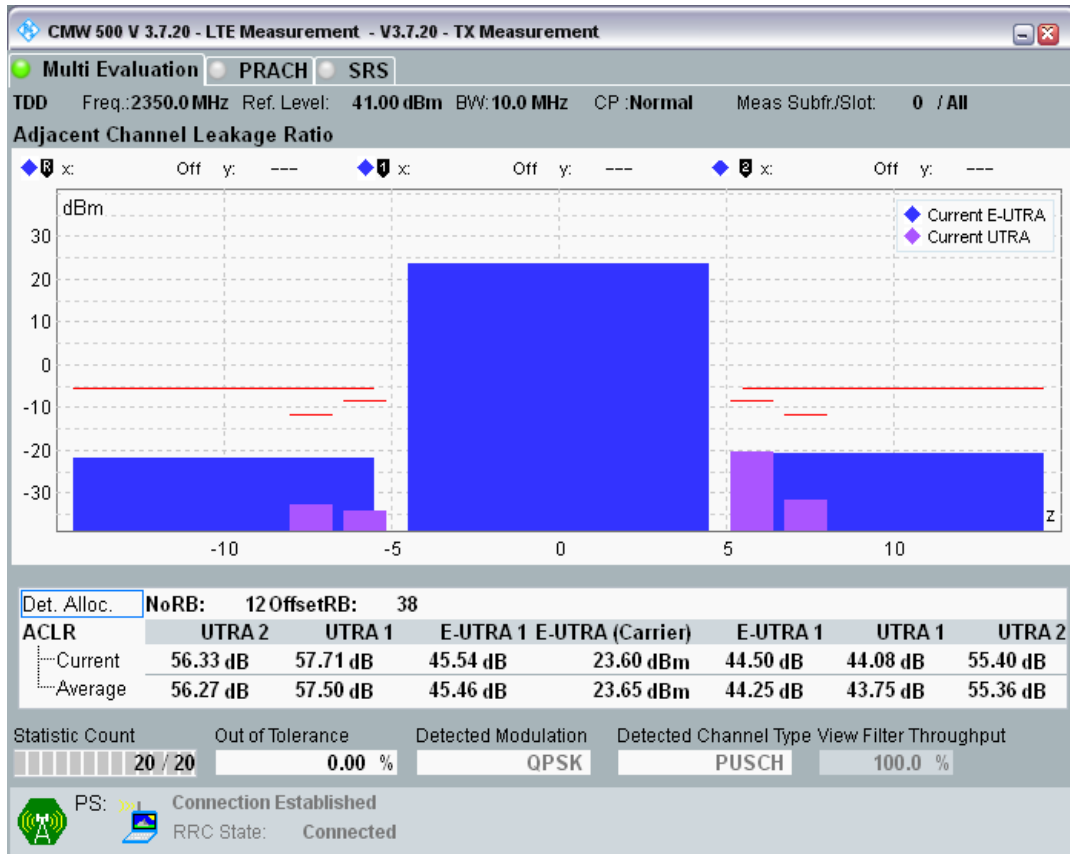
Band40 16QAM BW=10MHz Channel=38700 RB Size=50 Position=#0



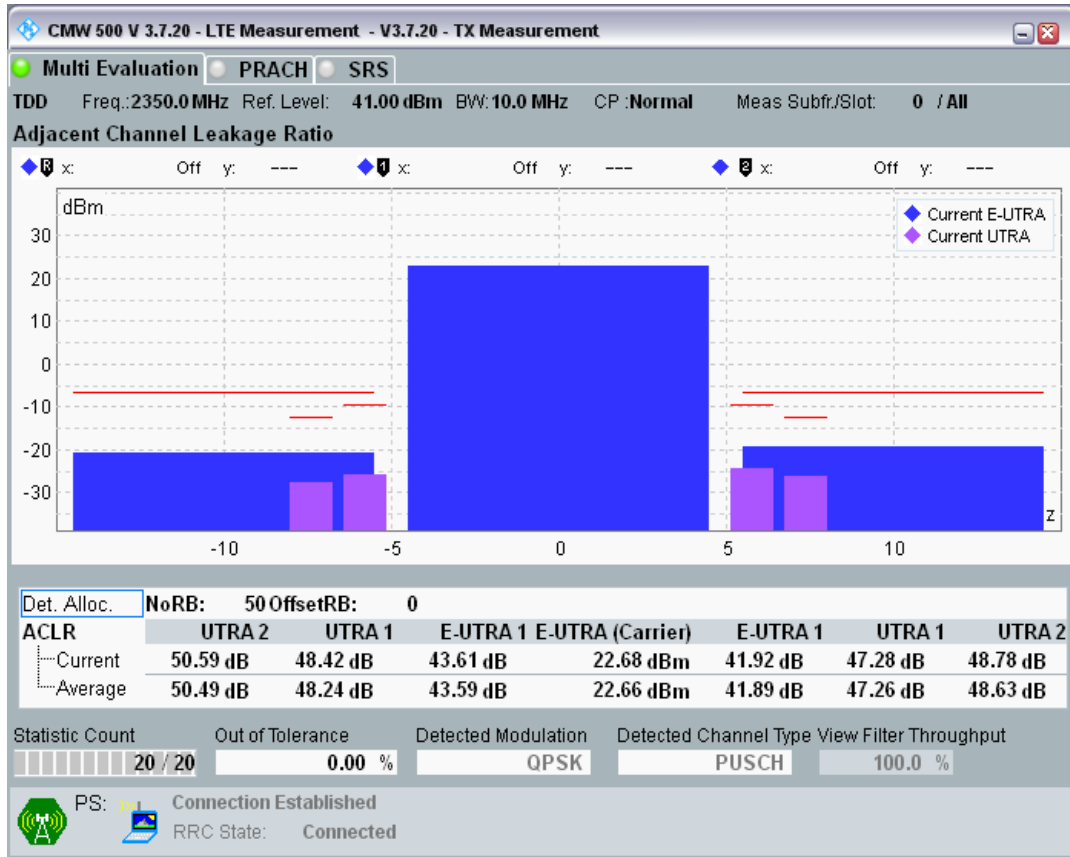
Band40 QPSK BW=10MHz Channel=39150 RB Size=12 Position=#0



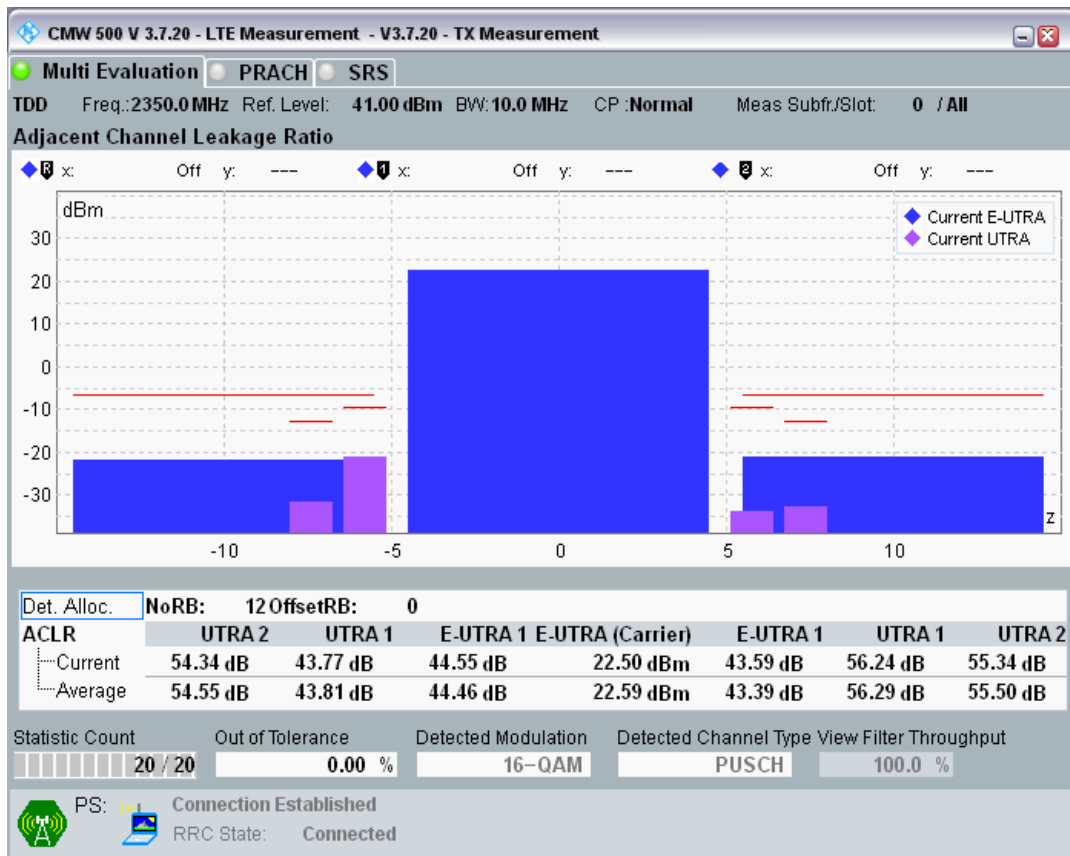
Band40 QPSK BW=10MHz Channel=39150 RB Size=12 Position=#Max



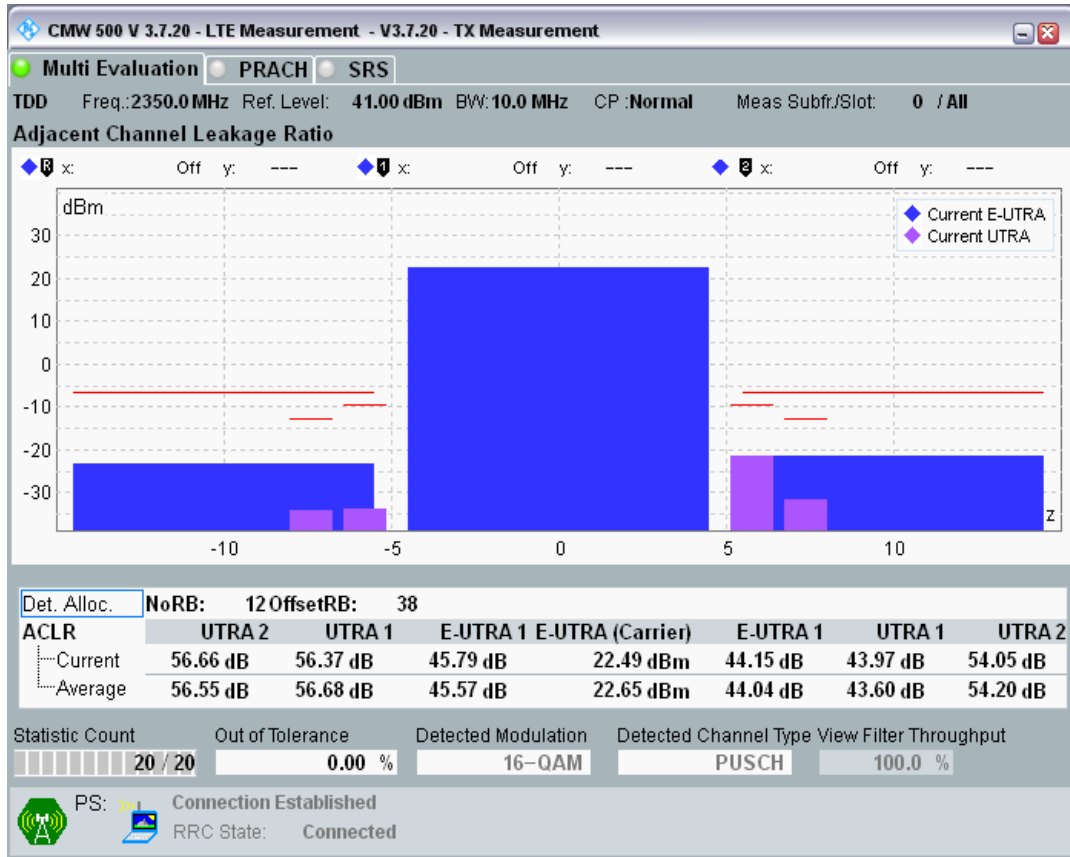
Band40 QPSK BW=10MHz Channel=39150 RB Size=50 Position=#0



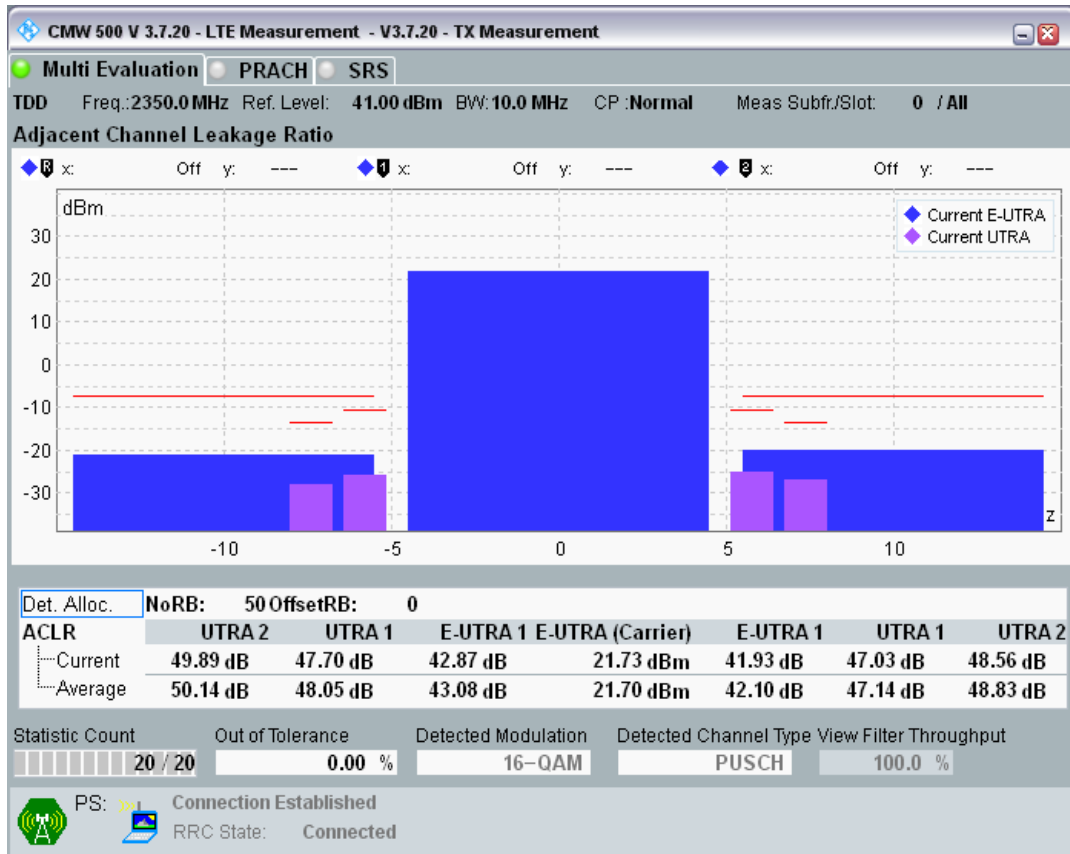
Band40 16QAM BW=10MHz Channel=39150 RB Size=12 Position=#0



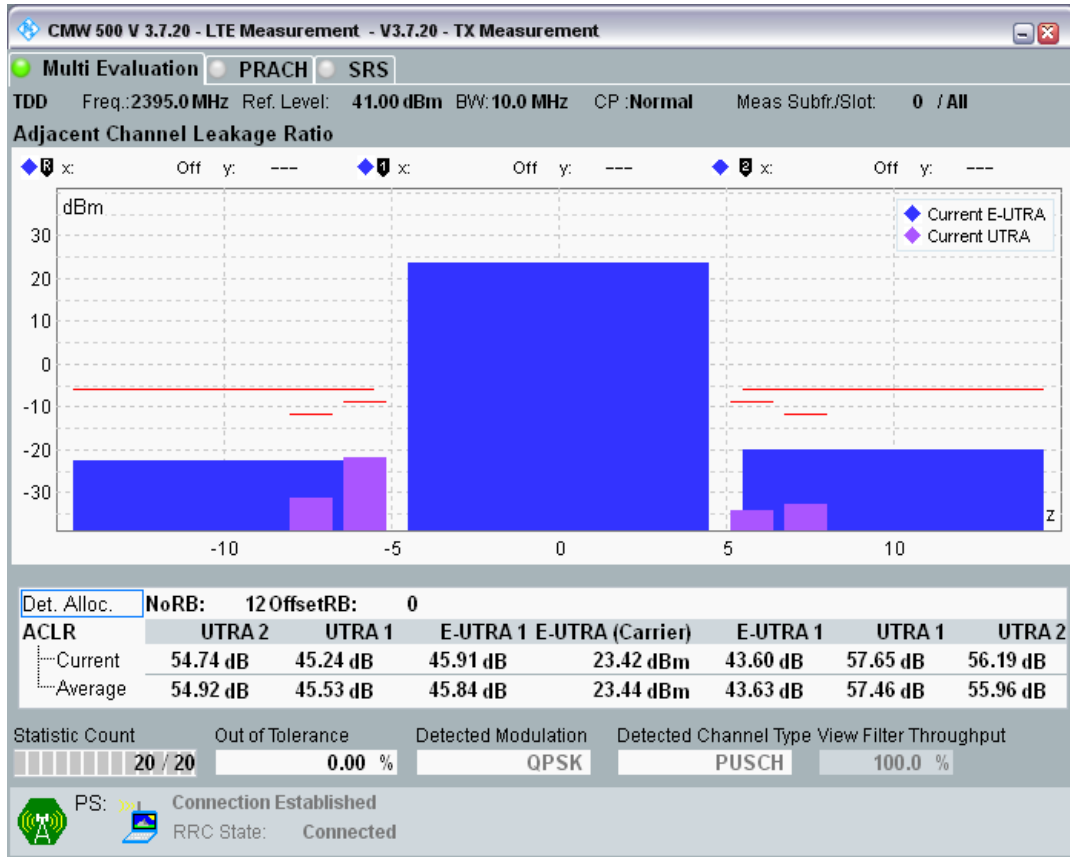
Band40 16QAM BW=10MHz Channel=39150 RB Size=12 Position=#Max



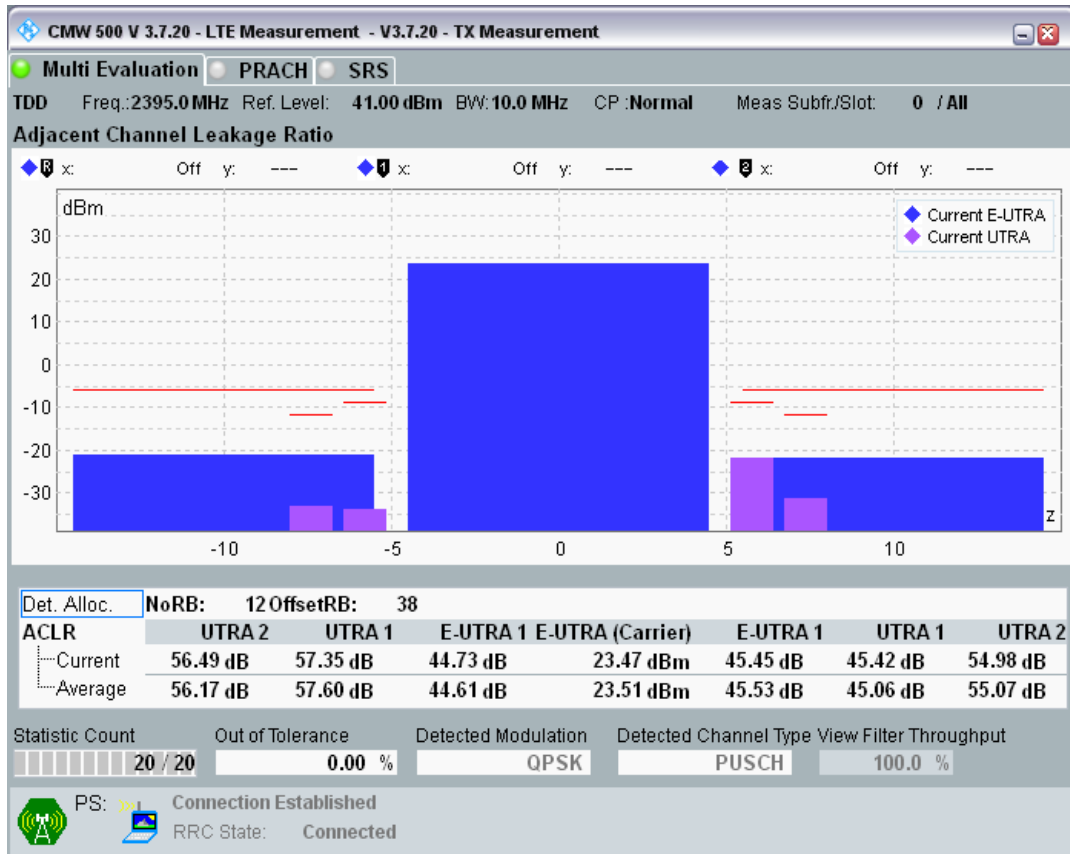
Band40 16QAM BW=10MHz Channel=39150 RB Size=50 Position=#0



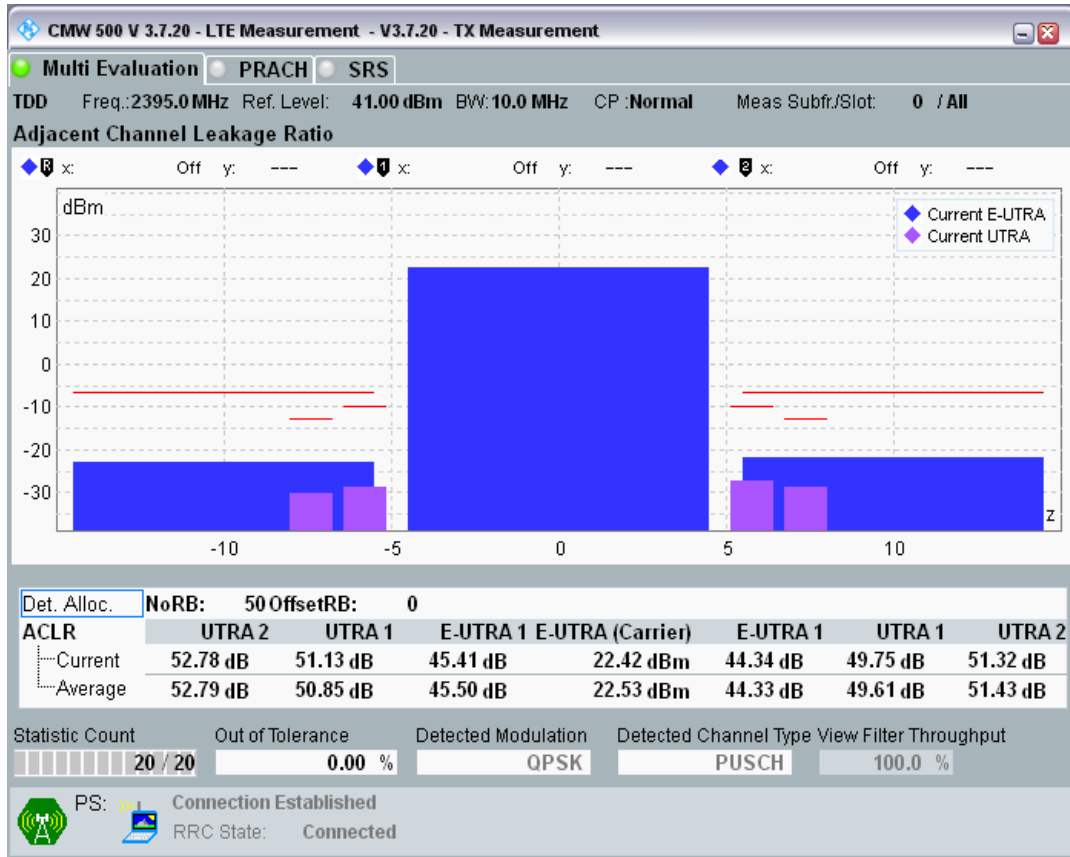
Band40 QPSK BW=10MHz Channel=39600 RB Size=12 Position=#0



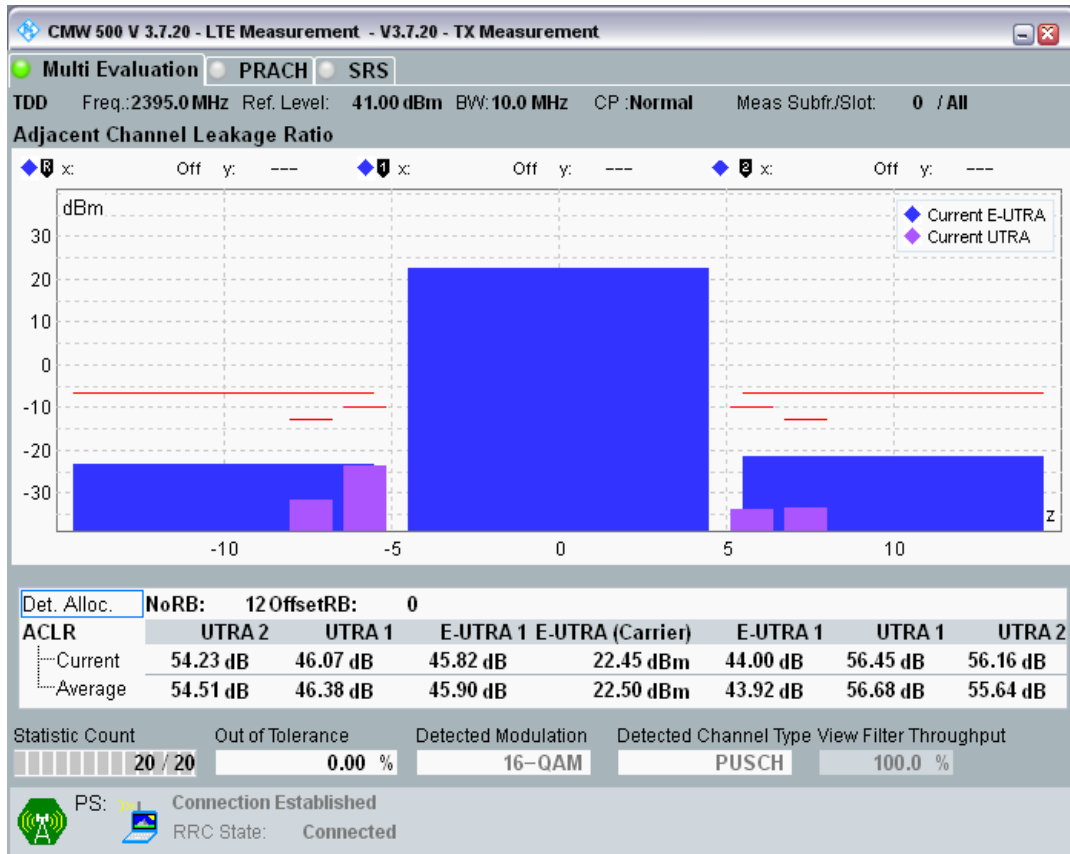
Band40 QPSK BW=10MHz Channel=39600 RB Size=12 Position=#Max



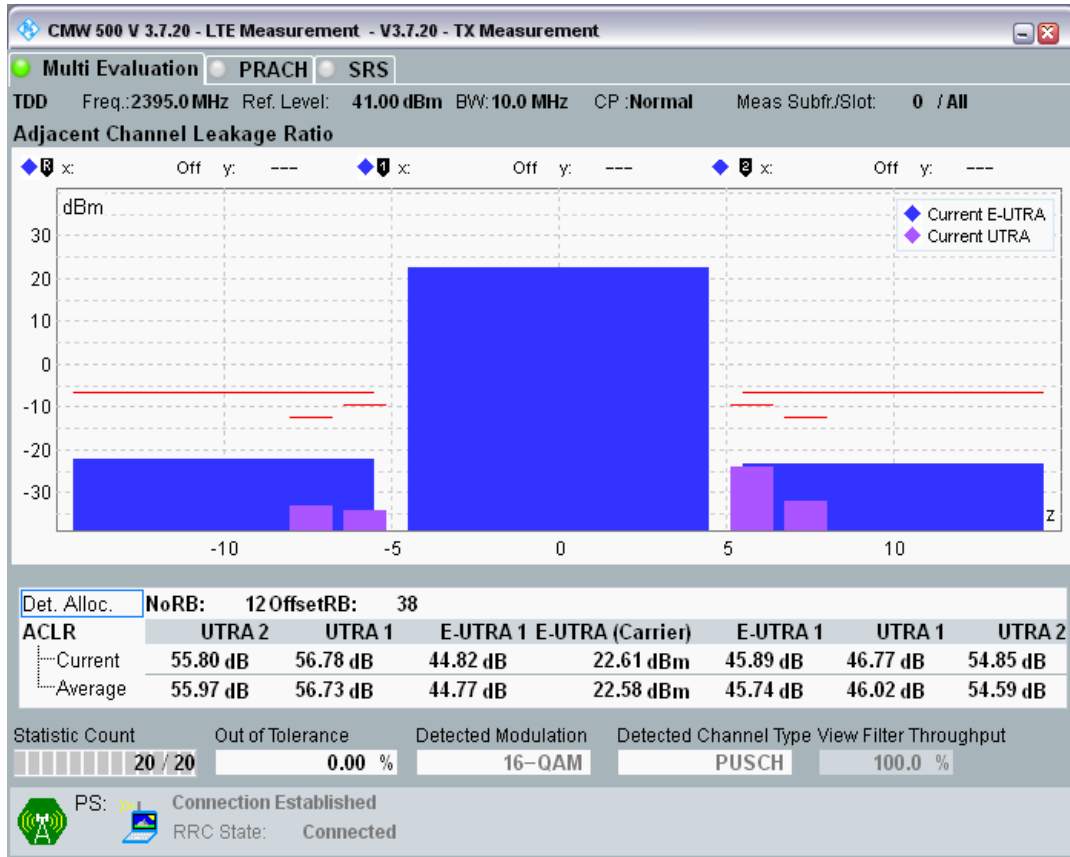
Band40 QPSK BW=10MHz Channel=39600 RB Size=50 Position=#0



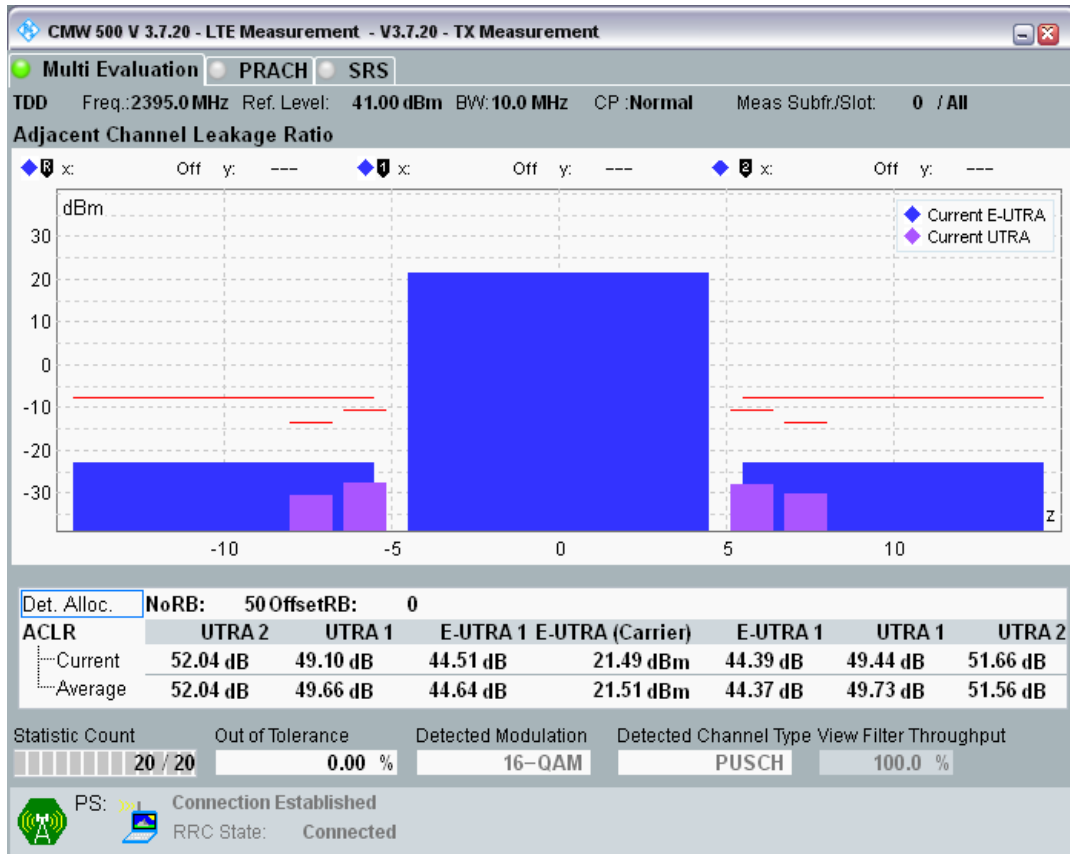
Band40 16QAM BW=10MHz Channel=39600 RB Size=12 Position=#0



Band40 16QAM BW=10MHz Channel=39600 RB Size=12 Position=#Max



Band40 16QAM BW=10MHz Channel=39600 RB Size=50 Position=#0



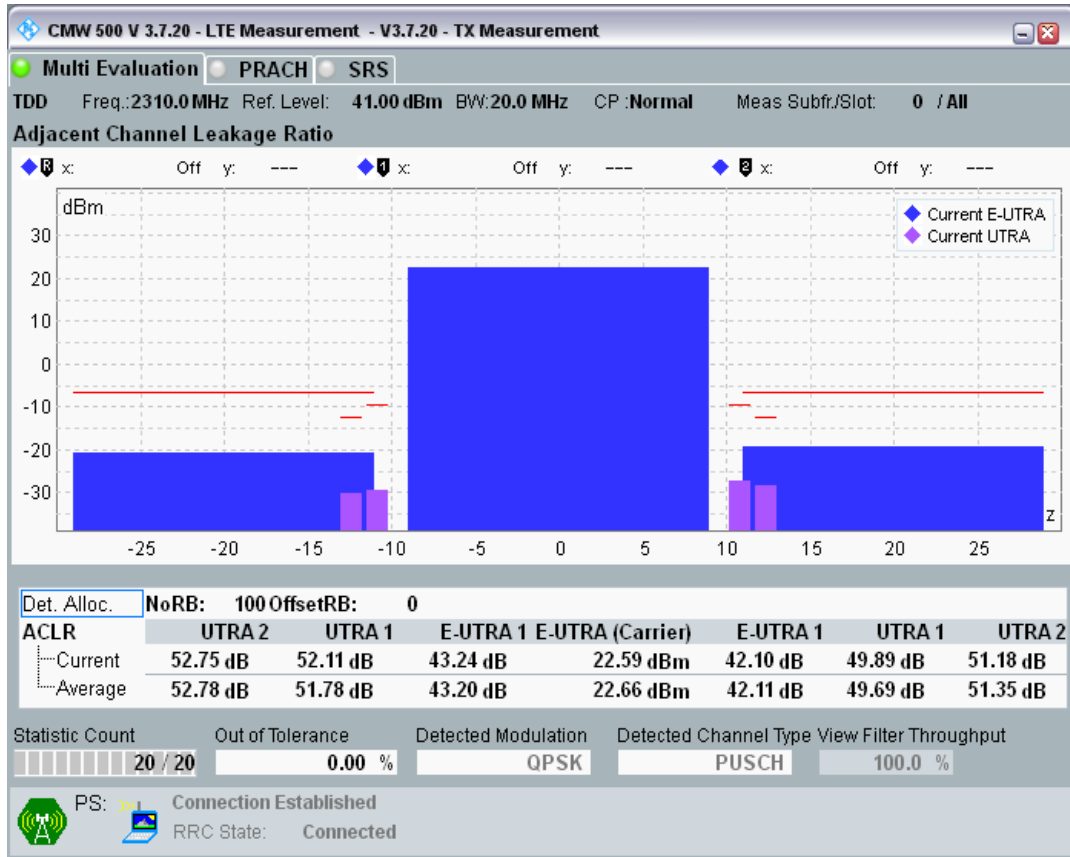
Band40 QPSK BW=20MHz Channel=38750 RB Size=18 Position=#0



Band40 QPSK BW=20MHz Channel=38750 RB Size=18 Position=#Max



Band40 QPSK BW=20MHz Channel=38750 RB Size=100 Position=#0



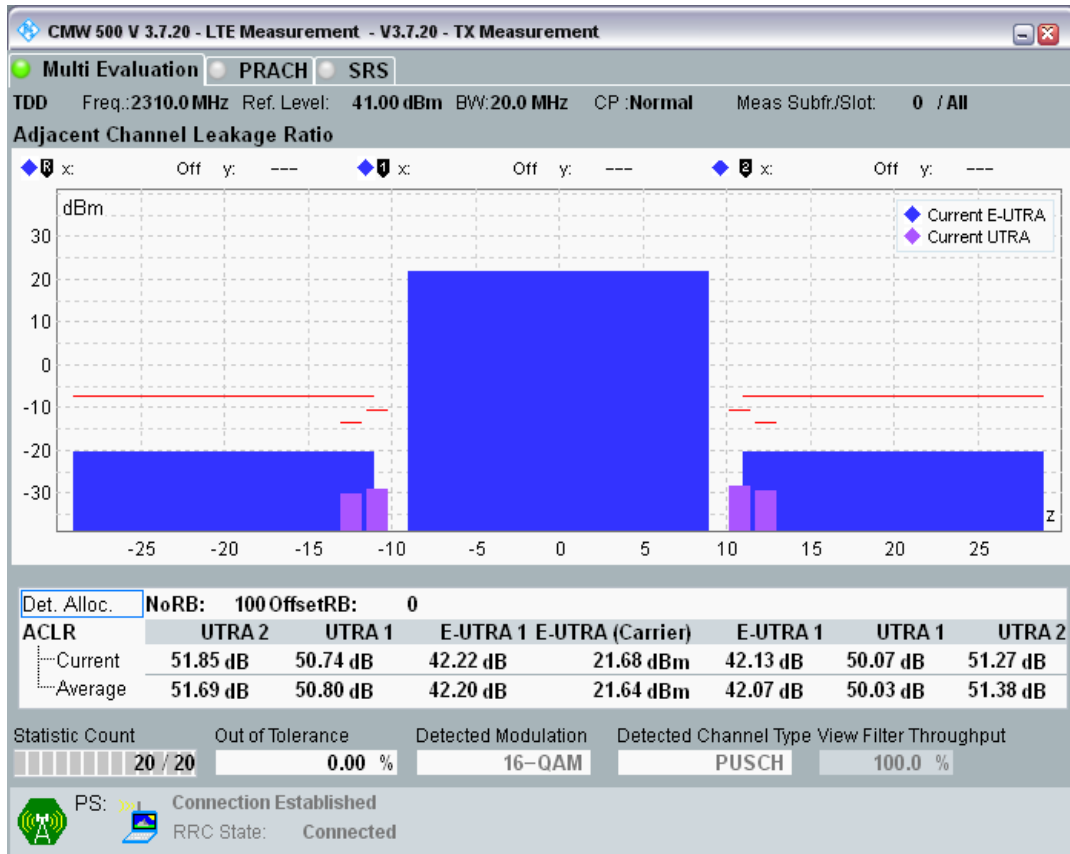
Band40 16QAM BW=20MHz Channel=38750 RB Size=18 Position=#0



Band40 16QAM BW=20MHz Channel=38750 RB Size=18 Position=#Max



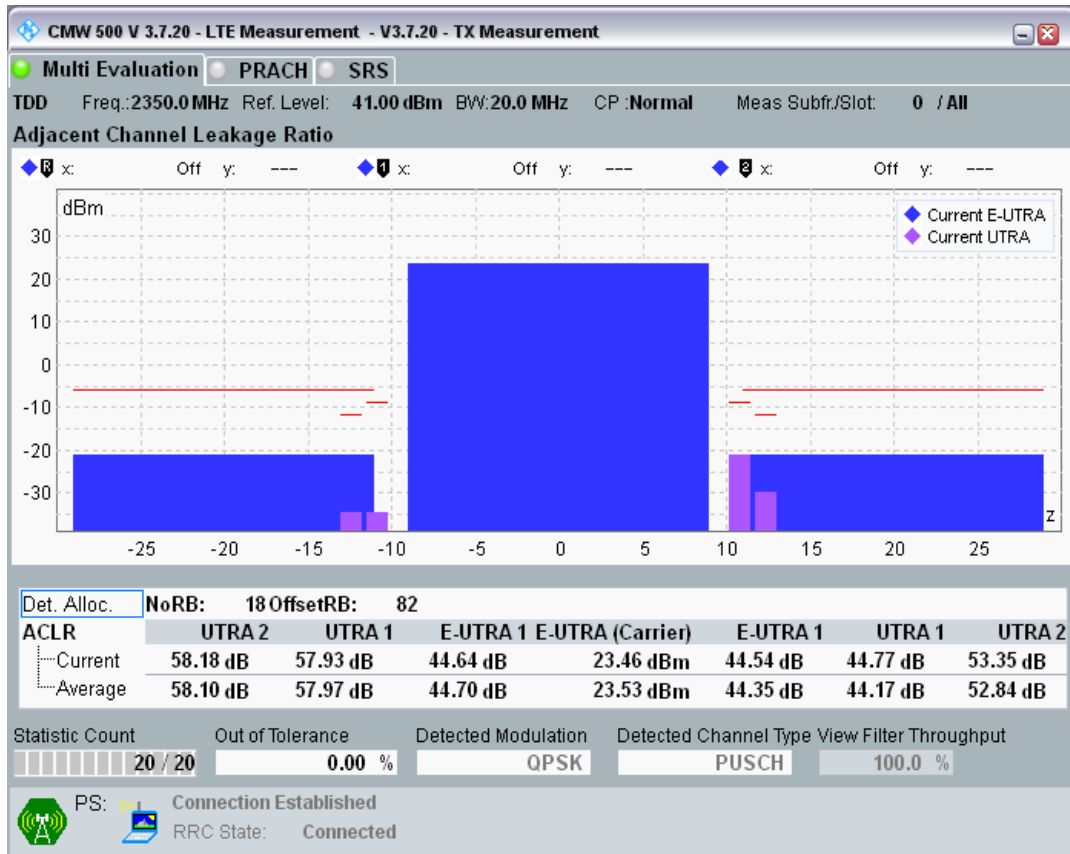
Band40 16QAM BW=20MHz Channel=38750 RB Size=100 Position=#0



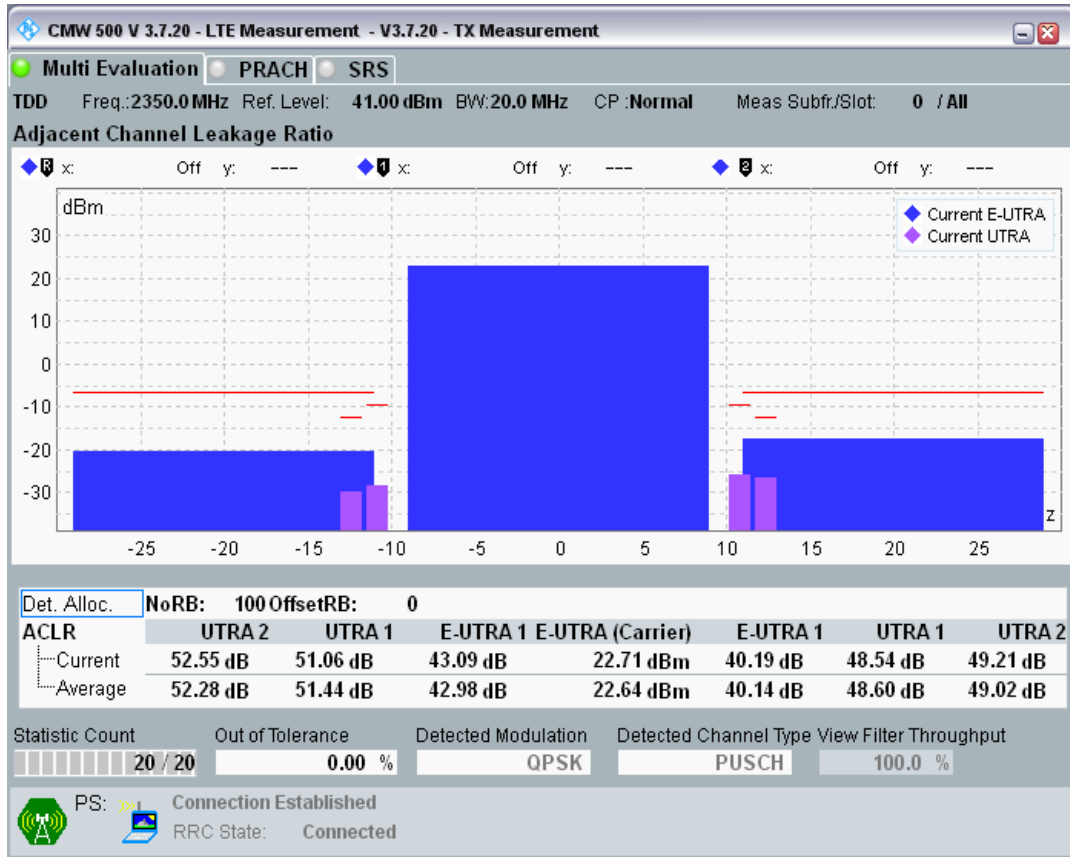
Band40 QPSK BW=20MHz Channel=39150 RB Size=18 Position=#0



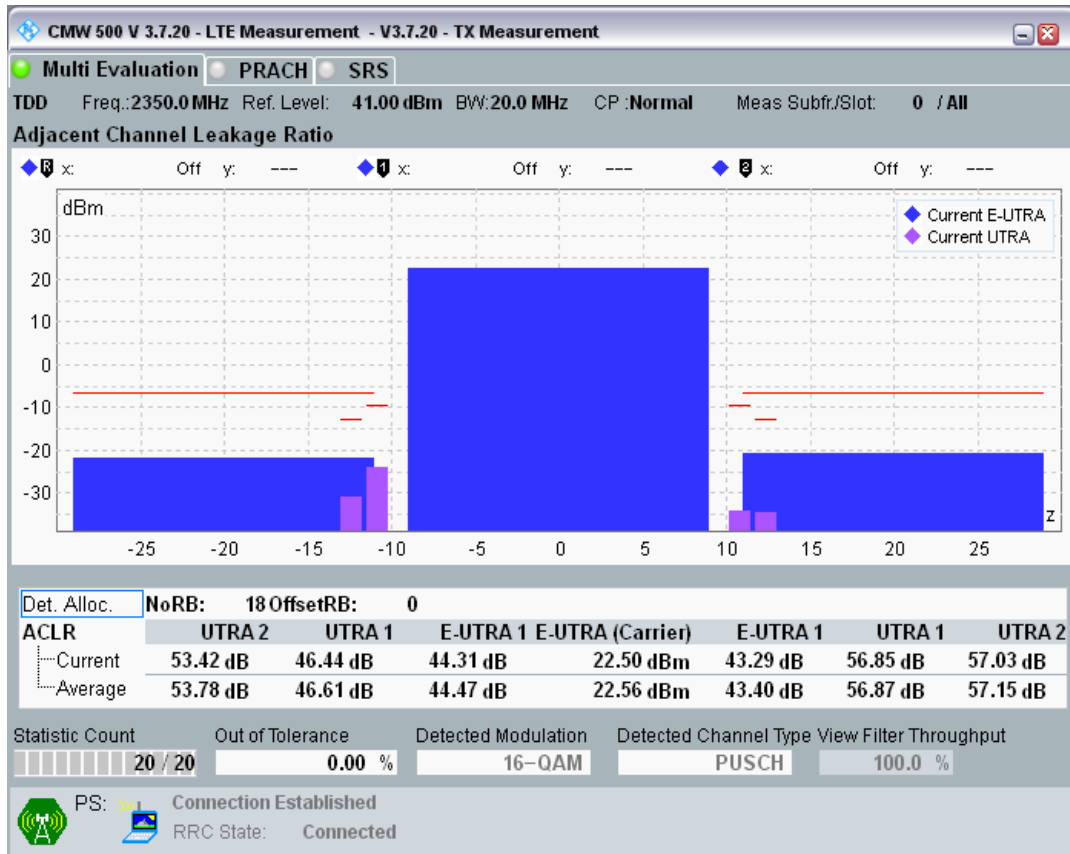
Band40 QPSK BW=20MHz Channel=39150 RB Size=18 Position=#Max



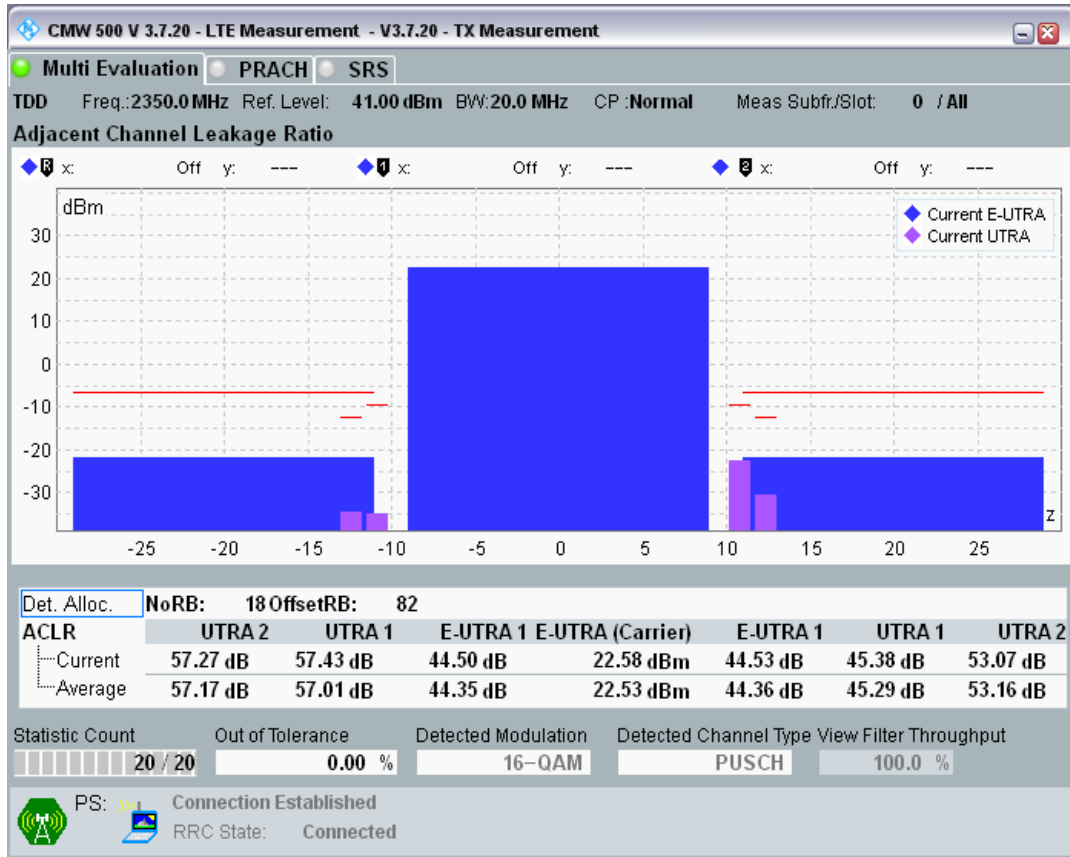
Band40 QPSK BW=20MHz Channel=39150 RB Size=100 Position=#0



Band40 16QAM BW=20MHz Channel=39150 RB Size=18 Position=#0



Band40 16QAM BW=20MHz Channel=39150 RB Size=18 Position=#Max



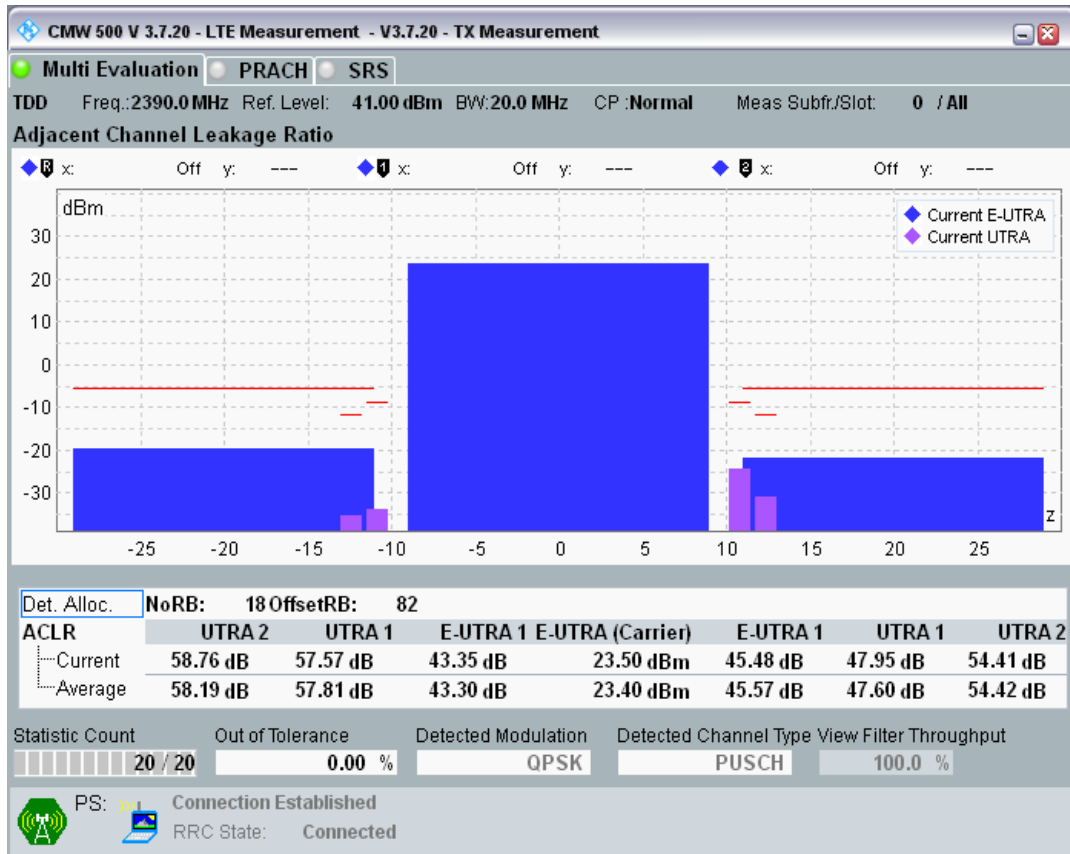
Band40 16QAM BW=20MHz Channel=39150 RB Size=100 Position=#0



Band40 QPSK BW=20MHz Channel=39550 RB Size=18 Position=#0



Band40 QPSK BW=20MHz Channel=39550 RB Size=18 Position=#Max



Band40 QPSK BW=20MHz Channel=39550 RB Size=100 Position=#0



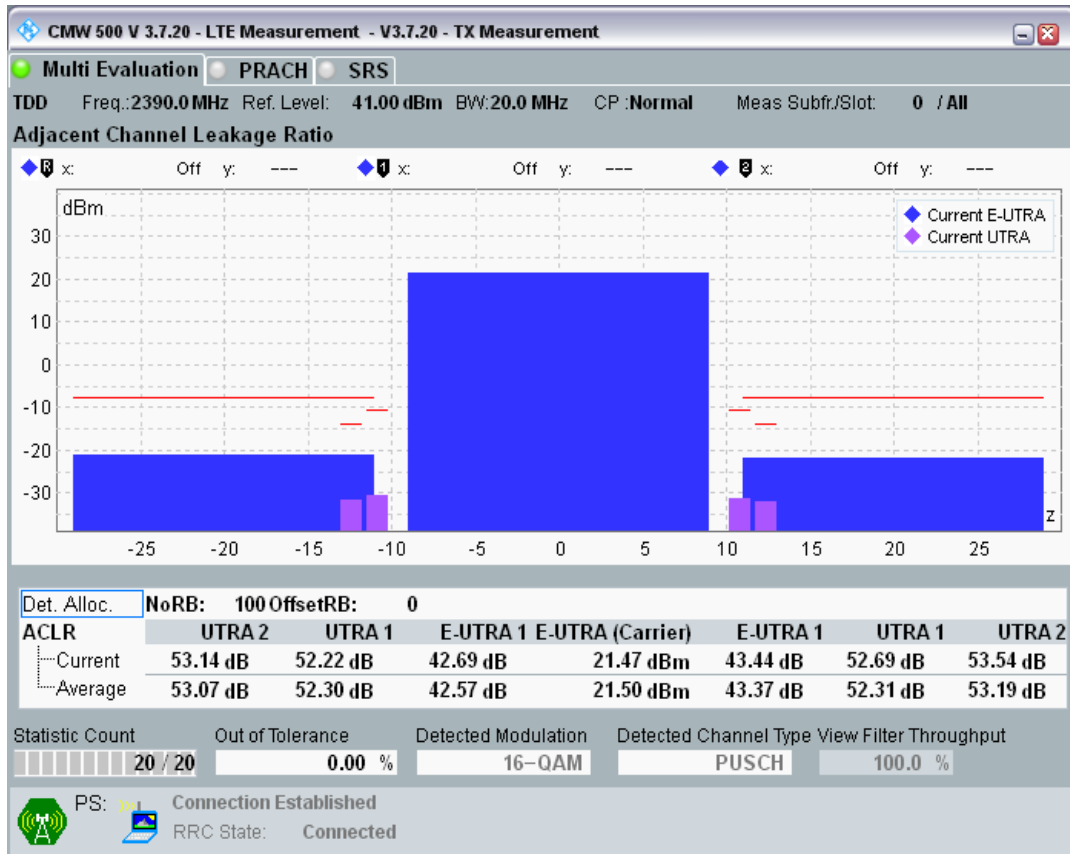
Band40 16QAM BW=20MHz Channel=39550 RB Size=18 Position=#0



Band40 16QAM BW=20MHz Channel=39550 RB Size=18 Position=#Max



Band40 16QAM BW=20MHz Channel=39550 RB Size=100 Position=#0



## Appendix 11. Receiver Reference Sensitivity Level

Band	Bandwidth (MHz)	UL Channel	UL RB Size	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
Band40	5	38675	25	QPSK	-98.6	100.00	95	PASS
Band40	5	38675	25	16QAM	-98.6	100.00	95	PASS
Band40	5	39150	25	QPSK	-98.6	100.00	95	PASS
Band40	5	39150	25	16QAM	-98.6	100.00	95	PASS
Band40	5	39625	25	QPSK	-98.6	100.00	95	PASS
Band40	5	39625	25	16QAM	-98.6	100.00	95	PASS
Band40	20	38750	100	QPSK	-92.6	100.00	95	PASS
Band40	20	38750	100	16QAM	-92.6	100.00	95	PASS
Band40	20	39150	100	QPSK	-92.6	100.00	95	PASS
Band40	20	39150	100	16QAM	-92.6	100.00	95	PASS
Band40	20	39550	100	QPSK	-92.6	100.00	95	PASS
Band40	20	39550	100	16QAM	-92.6	100.00	95	PASS

