

Appendix for Band 20

Report No.: BCTC2504944206-10E

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

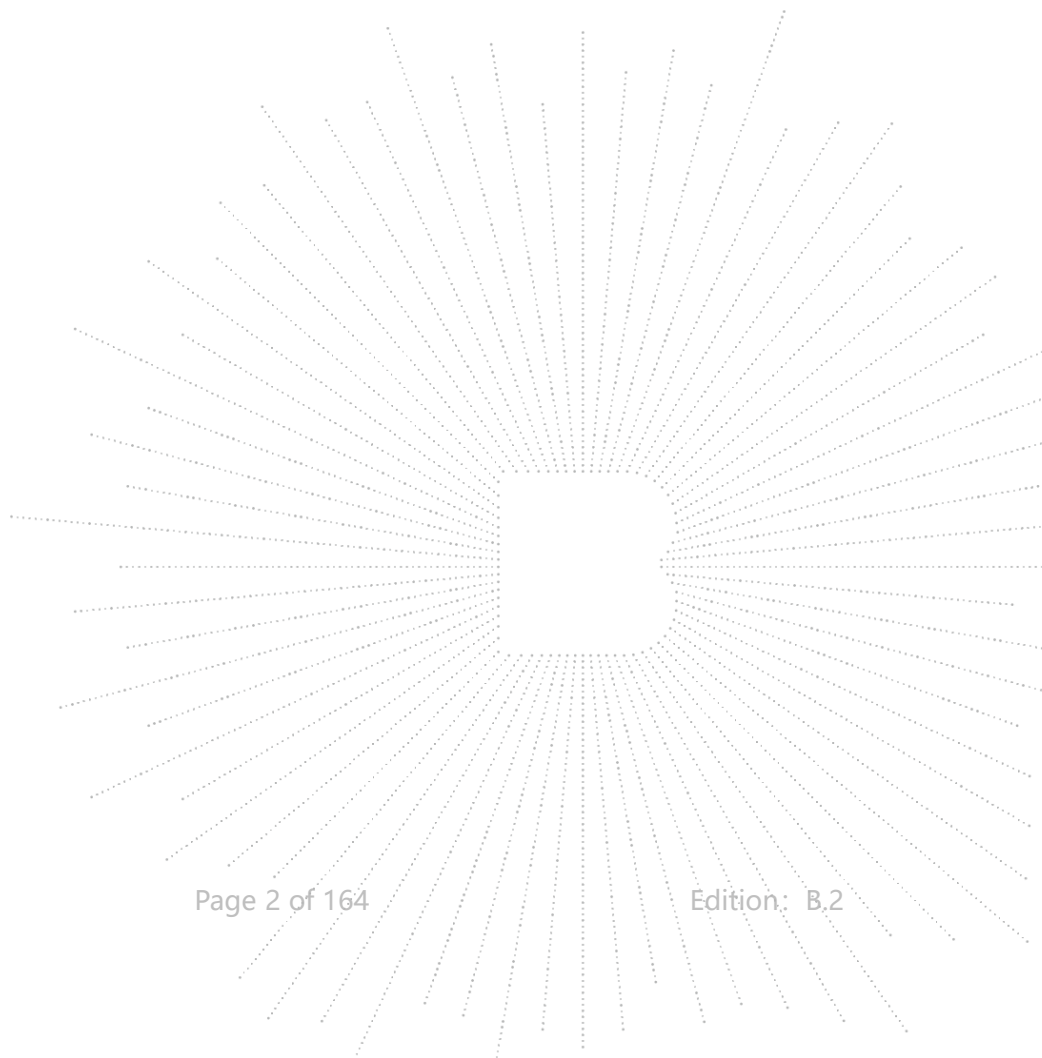
Test Model: KINGKONG ES 3

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

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
Band20	5	24175	1	#0	QPSK	23.41	18.8	25.7	PASS
Band20	5	24175	1	#Max	QPSK	23.48	20.3	25.7	PASS
Band20	5	24175	8	#0	QPSK	23.50	18.8	25.7	PASS
Band20	5	24175	8	#Max	QPSK	23.63	20.3	25.7	PASS
Band20	5	24300	1	#0	QPSK	23.52	20.3	25.7	PASS
Band20	5	24300	1	#Max	QPSK	23.46	20.3	25.7	PASS
Band20	5	24300	8	#0	QPSK	23.56	20.3	25.7	PASS
Band20	5	24300	8	#Max	QPSK	23.51	20.3	25.7	PASS
Band20	5	24425	1	#0	QPSK	23.33	20.3	25.7	PASS
Band20	5	24425	1	#Max	QPSK	23.28	18.8	25.7	PASS
Band20	5	24425	8	#0	QPSK	23.38	20.3	25.7	PASS
Band20	5	24425	8	#Max	QPSK	23.34	18.8	25.7	PASS
Band20	20	24250	1	#0	QPSK	23.40	18.8	25.7	PASS
Band20	20	24250	1	#Max	QPSK	23.40	20.3	25.7	PASS
Band20	20	24250	18	#0	QPSK	23.40	18.8	25.7	PASS
Band20	20	24250	18	#Max	QPSK	23.46	20.3	25.7	PASS
Band20	20	24300	1	#0	QPSK	23.56	20.3	25.7	PASS
Band20	20	24300	1	#Max	QPSK	23.38	20.3	25.7	PASS
Band20	20	24300	18	#0	QPSK	23.48	20.3	25.7	PASS
Band20	20	24300	18	#Max	QPSK	23.37	20.3	25.7	PASS
Band20	20	24350	1	#0	QPSK	23.46	20.3	25.7	PASS
Band20	20	24350	1	#Max	QPSK	23.26	18.8	25.7	PASS
Band20	20	24350	18	#0	QPSK	23.46	20.3	25.7	PASS
Band20	20	24350	18	#Max	QPSK	23.25	18.8	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
Band20	5	24175	8	#0	QPSK	-2.515	9.21	PASS
Band20	5	24175	8	#0	QPSK	-4	18.25	PASS
Band20	5	24175	8	#0	QPSK	-8	25.02	PASS
Band20	5	24175	8	#0	QPSK	-11.34	12.91	PASS
Band20	5	24175	8	#0	QPSK	2.685	31.59	PASS
Band20	5	24175	8	#0	QPSK	4	24.94	PASS
Band20	5	24175	8	#0	QPSK	8	24.91	PASS
Band20	5	24175	8	#0	QPSK	10.17	13.15	PASS
Band20	5	24175	8	#Max	QPSK	-2.64	31.90	PASS
Band20	5	24175	8	#Max	QPSK	-4	25.22	PASS
Band20	5	24175	8	#Max	QPSK	-8	25.18	PASS
Band20	5	24175	8	#Max	QPSK	-11.79	12.84	PASS
Band20	5	24175	8	#Max	QPSK	2.515	8.57	PASS
Band20	5	24175	8	#Max	QPSK	4	17.02	PASS
Band20	5	24175	8	#Max	QPSK	8	24.32	PASS
Band20	5	24175	8	#Max	QPSK	9	12.87	PASS
Band20	5	24175	25	#0	QPSK	-2.515	17.52	PASS
Band20	5	24175	25	#0	QPSK	-4	17.89	PASS
Band20	5	24175	25	#0	QPSK	-8	24.87	PASS
Band20	5	24175	25	#0	QPSK	-12	12.96	PASS
Band20	5	24175	25	#0	QPSK	2.515	16.52	PASS
Band20	5	24175	25	#0	QPSK	4	17.76	PASS
Band20	5	24175	25	#0	QPSK	8	22.50	PASS
Band20	5	24175	25	#0	QPSK	9.99	10.72	PASS
Band20	5	24175	8	#0	16QAM	-2.515	13.56	PASS
Band20	5	24175	8	#0	16QAM	-4	20.46	PASS
Band20	5	24175	8	#0	16QAM	-8	25.15	PASS
Band20	5	24175	8	#0	16QAM	-12	12.87	PASS
Band20	5	24175	8	#0	16QAM	2.715	31.93	PASS
Band20	5	24175	8	#0	16QAM	4	25.46	PASS
Band20	5	24175	8	#0	16QAM	8	24.92	PASS
Band20	5	24175	8	#0	16QAM	9.99	13.21	PASS
Band20	5	24175	8	#Max	16QAM	-2.61	32.49	PASS
Band20	5	24175	8	#Max	16QAM	-4	25.91	PASS
Band20	5	24175	8	#Max	16QAM	-8	25.13	PASS
Band20	5	24175	8	#Max	16QAM	-11.52	12.95	PASS
Band20	5	24175	8	#Max	16QAM	2.535	11.58	PASS
Band20	5	24175	8	#Max	16QAM	4	20.03	PASS
Band20	5	24175	8	#Max	16QAM	8	24.55	PASS

Band20	5	24175	8	#Max	16QAM	9	13.03	PASS
Band20	5	24175	25	#0	16QAM	-2.515	20.74	PASS
Band20	5	24175	25	#0	16QAM	-4	19.13	PASS
Band20	5	24175	25	#0	16QAM	-8	24.73	PASS
Band20	5	24175	25	#0	16QAM	-11.79	12.94	PASS
Band20	5	24175	25	#0	16QAM	2.515	16.72	PASS
Band20	5	24175	25	#0	16QAM	4	19.37	PASS
Band20	5	24175	25	#0	16QAM	8	22.13	PASS
Band20	5	24175	25	#0	16QAM	9.18	11.01	PASS
Band20	5	24300	8	#0	QPSK	-2.515	8.03	PASS
Band20	5	24300	8	#0	QPSK	-4	18.89	PASS
Band20	5	24300	8	#0	QPSK	-8	24.14	PASS
Band20	5	24300	8	#0	QPSK	-9	12.66	PASS
Band20	5	24300	8	#0	QPSK	2.565	31.92	PASS
Band20	5	24300	8	#0	QPSK	4	25.27	PASS
Band20	5	24300	8	#0	QPSK	8	24.97	PASS
Band20	5	24300	8	#0	QPSK	10.53	13.18	PASS
Band20	5	24300	8	#Max	QPSK	-2.655	32.02	PASS
Band20	5	24300	8	#Max	QPSK	-4	24.86	PASS
Band20	5	24300	8	#Max	QPSK	-8	24.85	PASS
Band20	5	24300	8	#Max	QPSK	-11.7	12.78	PASS
Band20	5	24300	8	#Max	QPSK	2.515	8.20	PASS
Band20	5	24300	8	#Max	QPSK	4	19.09	PASS
Band20	5	24300	8	#Max	QPSK	8	24.27	PASS
Band20	5	24300	8	#Max	QPSK	9	12.77	PASS
Band20	5	24300	25	#0	QPSK	-2.515	18.14	PASS
Band20	5	24300	25	#0	QPSK	-4	18.80	PASS
Band20	5	24300	25	#0	QPSK	-8	22.21	PASS
Band20	5	24300	25	#0	QPSK	-9.81	10.10	PASS
Band20	5	24300	25	#0	QPSK	2.515	17.64	PASS
Band20	5	24300	25	#0	QPSK	4	19.48	PASS
Band20	5	24300	25	#0	QPSK	8	22.29	PASS
Band20	5	24300	25	#0	QPSK	9.9	10.50	PASS
Band20	5	24300	8	#0	16QAM	-2.515	9.13	PASS
Band20	5	24300	8	#0	16QAM	-4	20.53	PASS
Band20	5	24300	8	#0	16QAM	-8	24.53	PASS
Band20	5	24300	8	#0	16QAM	-11.7	12.85	PASS
Band20	5	24300	8	#0	16QAM	2.55	32.45	PASS
Band20	5	24300	8	#0	16QAM	4	25.65	PASS
Band20	5	24300	8	#0	16QAM	8	25.01	PASS
Band20	5	24300	8	#0	16QAM	9.18	13.18	PASS
Band20	5	24300	8	#Max	16QAM	-2.535	32.75	PASS
Band20	5	24300	8	#Max	16QAM	-4	25.44	PASS

Band20	5	24300	8	#Max	16QAM	-8	24.98	PASS
Band20	5	24300	8	#Max	16QAM	-12	12.83	PASS
Band20	5	24300	8	#Max	16QAM	2.515	11.97	PASS
Band20	5	24300	8	#Max	16QAM	4	20.54	PASS
Band20	5	24300	8	#Max	16QAM	8	24.52	PASS
Band20	5	24300	8	#Max	16QAM	9	12.98	PASS
Band20	5	24300	25	#0	16QAM	-2.515	17.38	PASS
Band20	5	24300	25	#0	16QAM	-4	20.10	PASS
Band20	5	24300	25	#0	16QAM	-8	22.05	PASS
Band20	5	24300	25	#0	16QAM	-9	10.40	PASS
Band20	5	24300	25	#0	16QAM	2.515	17.86	PASS
Band20	5	24300	25	#0	16QAM	4	21.16	PASS
Band20	5	24300	25	#0	16QAM	8	22.23	PASS
Band20	5	24300	25	#0	16QAM	9	10.86	PASS
Band20	5	24425	8	#0	QPSK	-2.535	11.29	PASS
Band20	5	24425	8	#0	QPSK	-4	19.09	PASS
Band20	5	24425	8	#0	QPSK	-8	23.92	PASS
Band20	5	24425	8	#0	QPSK	-9	12.48	PASS
Band20	5	24425	8	#0	QPSK	2.67	31.90	PASS
Band20	5	24425	8	#0	QPSK	4	25.42	PASS
Band20	5	24425	8	#0	QPSK	8	24.83	PASS
Band20	5	24425	8	#0	QPSK	12	13.06	PASS
Band20	5	24425	8	#Max	QPSK	-2.685	31.28	PASS
Band20	5	24425	8	#Max	QPSK	-4	24.58	PASS
Band20	5	24425	8	#Max	QPSK	-8	24.76	PASS
Band20	5	24425	8	#Max	QPSK	-12	12.77	PASS
Band20	5	24425	8	#Max	QPSK	2.515	9.65	PASS
Band20	5	24425	8	#Max	QPSK	4	18.41	PASS
Band20	5	24425	8	#Max	QPSK	8	24.37	PASS
Band20	5	24425	8	#Max	QPSK	9	12.90	PASS
Band20	5	24425	25	#0	QPSK	-2.515	17.60	PASS
Band20	5	24425	25	#0	QPSK	-4	18.52	PASS
Band20	5	24425	25	#0	QPSK	-8	21.79	PASS
Band20	5	24425	25	#0	QPSK	-9.9	9.46	PASS
Band20	5	24425	25	#0	QPSK	2.515	16.50	PASS
Band20	5	24425	25	#0	QPSK	4	19.22	PASS
Band20	5	24425	25	#0	QPSK	8	22.82	PASS
Band20	5	24425	25	#0	QPSK	9	11.81	PASS
Band20	5	24425	8	#0	16QAM	-2.515	12.60	PASS
Band20	5	24425	8	#0	16QAM	-4	19.59	PASS
Band20	5	24425	8	#0	16QAM	-8	24.26	PASS
Band20	5	24425	8	#0	16QAM	-9	12.70	PASS
Band20	5	24425	8	#0	16QAM	2.515	32.21	PASS

Band20	5	24425	8	#0	16QAM	4	25.58	PASS
Band20	5	24425	8	#0	16QAM	8	25.05	PASS
Band20	5	24425	8	#0	16QAM	11.79	13.12	PASS
Band20	5	24425	8	#Max	16QAM	-2.595	31.32	PASS
Band20	5	24425	8	#Max	16QAM	-4	25.03	PASS
Band20	5	24425	8	#Max	16QAM	-8	24.71	PASS
Band20	5	24425	8	#Max	16QAM	-11.79	12.80	PASS
Band20	5	24425	8	#Max	16QAM	2.515	13.56	PASS
Band20	5	24425	8	#Max	16QAM	4	19.46	PASS
Band20	5	24425	8	#Max	16QAM	8	24.59	PASS
Band20	5	24425	8	#Max	16QAM	9	13.02	PASS
Band20	5	24425	25	#0	16QAM	-2.515	16.54	PASS
Band20	5	24425	25	#0	16QAM	-4	18.99	PASS
Band20	5	24425	25	#0	16QAM	-8	21.28	PASS
Band20	5	24425	25	#0	16QAM	-9	9.85	PASS
Band20	5	24425	25	#0	16QAM	2.515	20.94	PASS
Band20	5	24425	25	#0	16QAM	4	19.60	PASS
Band20	5	24425	25	#0	16QAM	8	22.34	PASS
Band20	5	24425	25	#0	16QAM	9	11.58	PASS
Band20	10	24200	12	#0	QPSK	-5.015	11.00	PASS
Band20	10	24200	12	#0	QPSK	-6.5	16.34	PASS
Band20	10	24200	12	#0	QPSK	-14.4	24.60	PASS
Band20	10	24200	12	#0	QPSK	-19.5	11.81	PASS
Band20	10	24200	12	#0	QPSK	5.205	31.87	PASS
Band20	10	24200	12	#0	QPSK	6.5	26.59	PASS
Band20	10	24200	12	#0	QPSK	10.8	23.83	PASS
Band20	10	24200	12	#0	QPSK	17.37	13.09	PASS
Band20	10	24200	12	#Max	QPSK	-5.015	32.30	PASS
Band20	10	24200	12	#Max	QPSK	-6.5	26.98	PASS
Band20	10	24200	12	#Max	QPSK	-14.31	24.69	PASS
Band20	10	24200	12	#Max	QPSK	-19.5	12.04	PASS
Band20	10	24200	12	#Max	QPSK	5.015	10.25	PASS
Band20	10	24200	12	#Max	QPSK	6.5	16.75	PASS
Band20	10	24200	12	#Max	QPSK	10.5	22.97	PASS
Band20	10	24200	12	#Max	QPSK	15.5	13.06	PASS
Band20	10	24200	50	#0	QPSK	-5.025	20.72	PASS
Band20	10	24200	50	#0	QPSK	-6.5	19.13	PASS
Band20	10	24200	50	#0	QPSK	-10.5	23.05	PASS
Band20	10	24200	50	#0	QPSK	-19.5	11.78	PASS
Band20	10	24200	50	#0	QPSK	5.015	18.10	PASS
Band20	10	24200	50	#0	QPSK	6.5	19.40	PASS
Band20	10	24200	50	#0	QPSK	10.5	19.57	PASS
Band20	10	24200	50	#0	QPSK	15.5	10.81	PASS

Band20	10	24200	12	#0	16QAM	-5.025	13.27	PASS
Band20	10	24200	12	#0	16QAM	-6.5	18.30	PASS
Band20	10	24200	12	#0	16QAM	-12.96	24.71	PASS
Band20	10	24200	12	#0	16QAM	-19.5	11.91	PASS
Band20	10	24200	12	#0	16QAM	5.085	32.45	PASS
Band20	10	24200	12	#0	16QAM	6.5	26.80	PASS
Band20	10	24200	12	#0	16QAM	10.8	24.16	PASS
Band20	10	24200	12	#0	16QAM	18.27	13.16	PASS
Band20	10	24200	12	#Max	16QAM	-5.1	32.57	PASS
Band20	10	24200	12	#Max	16QAM	-6.5	27.07	PASS
Band20	10	24200	12	#Max	16QAM	-14.22	24.76	PASS
Band20	10	24200	12	#Max	16QAM	-19.5	11.92	PASS
Band20	10	24200	12	#Max	16QAM	5.1	13.40	PASS
Band20	10	24200	12	#Max	16QAM	6.5	18.66	PASS
Band20	10	24200	12	#Max	16QAM	10.5	23.49	PASS
Band20	10	24200	12	#Max	16QAM	16.02	13.02	PASS
Band20	10	24200	50	#0	16QAM	-5.015	19.23	PASS
Band20	10	24200	50	#0	16QAM	-6.66	20.81	PASS
Band20	10	24200	50	#0	16QAM	-10.5	23.95	PASS
Band20	10	24200	50	#0	16QAM	-19.5	11.95	PASS
Band20	10	24200	50	#0	16QAM	5.015	19.87	PASS
Band20	10	24200	50	#0	16QAM	6.5	21.59	PASS
Band20	10	24200	50	#0	16QAM	10.5	21.28	PASS
Band20	10	24200	50	#0	16QAM	15.5	11.22	PASS
Band20	10	24300	12	#0	QPSK	-5.015	11.99	PASS
Band20	10	24300	12	#0	QPSK	-6.5	16.01	PASS
Band20	10	24300	12	#0	QPSK	-10.5	22.73	PASS
Band20	10	24300	12	#0	QPSK	-19.5	11.84	PASS
Band20	10	24300	12	#0	QPSK	5.085	31.72	PASS
Band20	10	24300	12	#0	QPSK	6.5	26.80	PASS
Band20	10	24300	12	#0	QPSK	10.5	24.17	PASS
Band20	10	24300	12	#0	QPSK	16.02	13.10	PASS
Band20	10	24300	12	#Max	QPSK	-5.295	31.72	PASS
Band20	10	24300	12	#Max	QPSK	-6.66	26.69	PASS
Band20	10	24300	12	#Max	QPSK	-11.16	23.85	PASS
Band20	10	24300	12	#Max	QPSK	-19.5	11.82	PASS
Band20	10	24300	12	#Max	QPSK	5.015	11.77	PASS
Band20	10	24300	12	#Max	QPSK	6.5	16.50	PASS
Band20	10	24300	12	#Max	QPSK	10.5	22.88	PASS
Band20	10	24300	12	#Max	QPSK	15.75	12.97	PASS
Band20	10	24300	50	#0	QPSK	-5.015	18.96	PASS
Band20	10	24300	50	#0	QPSK	-6.5	20.48	PASS
Band20	10	24300	50	#0	QPSK	-10.5	19.17	PASS

Band20	10	24300	50	#0	QPSK	-19.26	11.31	PASS
Band20	10	24300	50	#0	QPSK	5.025	21.34	PASS
Band20	10	24300	50	#0	QPSK	6.57	21.44	PASS
Band20	10	24300	50	#0	QPSK	10.5	20.57	PASS
Band20	10	24300	50	#0	QPSK	15.5	11.50	PASS
Band20	10	24300	12	#0	16QAM	-5.055	12.85	PASS
Band20	10	24300	12	#0	16QAM	-6.5	18.50	PASS
Band20	10	24300	12	#0	16QAM	-10.5	23.29	PASS
Band20	10	24300	12	#0	16QAM	-19.5	11.84	PASS
Band20	10	24300	12	#0	16QAM	5.085	32.44	PASS
Band20	10	24300	12	#0	16QAM	6.5	27.01	PASS
Band20	10	24300	12	#0	16QAM	10.8	24.33	PASS
Band20	10	24300	12	#0	16QAM	16.47	13.07	PASS
Band20	10	24300	12	#Max	16QAM	-5.16	32.13	PASS
Band20	10	24300	12	#Max	16QAM	-6.5	26.87	PASS
Band20	10	24300	12	#Max	16QAM	-10.89	24.14	PASS
Band20	10	24300	12	#Max	16QAM	-19.5	11.93	PASS
Band20	10	24300	12	#Max	16QAM	5.025	14.13	PASS
Band20	10	24300	12	#Max	16QAM	6.5	18.68	PASS
Band20	10	24300	12	#Max	16QAM	10.5	23.59	PASS
Band20	10	24300	12	#Max	16QAM	15.57	13.02	PASS
Band20	10	24300	50	#0	16QAM	-5.015	20.34	PASS
Band20	10	24300	50	#0	16QAM	-6.5	20.77	PASS
Band20	10	24300	50	#0	16QAM	-10.5	20.02	PASS
Band20	10	24300	50	#0	16QAM	-15.5	11.24	PASS
Band20	10	24300	50	#0	16QAM	5.015	20.37	PASS
Band20	10	24300	50	#0	16QAM	6.5	21.90	PASS
Band20	10	24300	50	#0	16QAM	10.5	21.49	PASS
Band20	10	24300	50	#0	16QAM	15.5	11.45	PASS
Band20	10	24400	12	#0	QPSK	-5.025	11.41	PASS
Band20	10	24400	12	#0	QPSK	-6.5	17.16	PASS
Band20	10	24400	12	#0	QPSK	-10.5	22.35	PASS
Band20	10	24400	12	#0	QPSK	-19.5	11.72	PASS
Band20	10	24400	12	#0	QPSK	5.175	31.43	PASS
Band20	10	24400	12	#0	QPSK	6.5	26.92	PASS
Band20	10	24400	12	#0	QPSK	10.5	24.50	PASS
Band20	10	24400	12	#0	QPSK	17.46	12.96	PASS
Band20	10	24400	12	#Max	QPSK	-5.085	31.07	PASS
Band20	10	24400	12	#Max	QPSK	-6.5	26.44	PASS
Band20	10	24400	12	#Max	QPSK	-10.89	23.82	PASS
Band20	10	24400	12	#Max	QPSK	-19.5	11.70	PASS
Band20	10	24400	12	#Max	QPSK	5.07	12.37	PASS
Band20	10	24400	12	#Max	QPSK	6.5	16.21	PASS

Band20	10	24400	12	#Max	QPSK	10.5	23.25	PASS
Band20	10	24400	12	#Max	QPSK	19.5	12.86	PASS
Band20	10	24400	50	#0	QPSK	-5.04	21.38	PASS
Band20	10	24400	50	#0	QPSK	-6.5	20.81	PASS
Band20	10	24400	50	#0	QPSK	-11.07	19.45	PASS
Band20	10	24400	50	#0	QPSK	-19.5	10.45	PASS
Band20	10	24400	50	#0	QPSK	5.015	21.56	PASS
Band20	10	24400	50	#0	QPSK	6.5	21.58	PASS
Band20	10	24400	50	#0	QPSK	10.5	21.40	PASS
Band20	10	24400	50	#0	QPSK	18.99	13.03	PASS
Band20	10	24400	12	#0	16QAM	-5.015	13.89	PASS
Band20	10	24400	12	#0	16QAM	-6.5	18.96	PASS
Band20	10	24400	12	#0	16QAM	-10.5	23.10	PASS
Band20	10	24400	12	#0	16QAM	-19.5	11.77	PASS
Band20	10	24400	12	#0	16QAM	5.07	32.43	PASS
Band20	10	24400	12	#0	16QAM	6.5	27.02	PASS
Band20	10	24400	12	#0	16QAM	10.5	24.60	PASS
Band20	10	24400	12	#0	16QAM	19.17	13.03	PASS
Band20	10	24400	12	#Max	16QAM	-5.1	31.94	PASS
Band20	10	24400	12	#Max	16QAM	-6.5	26.66	PASS
Band20	10	24400	12	#Max	16QAM	-10.8	24.01	PASS
Band20	10	24400	12	#Max	16QAM	-19.5	11.77	PASS
Band20	10	24400	12	#Max	16QAM	5.015	14.33	PASS
Band20	10	24400	12	#Max	16QAM	6.5	18.78	PASS
Band20	10	24400	12	#Max	16QAM	10.5	23.85	PASS
Band20	10	24400	12	#Max	16QAM	19.5	12.92	PASS
Band20	10	24400	50	#0	16QAM	-5.015	18.72	PASS
Band20	10	24400	50	#0	16QAM	-6.5	20.41	PASS
Band20	10	24400	50	#0	16QAM	-10.5	19.95	PASS
Band20	10	24400	50	#0	16QAM	-15.75	10.63	PASS
Band20	10	24400	50	#0	16QAM	5.015	21.26	PASS
Band20	10	24400	50	#0	16QAM	6.5	21.25	PASS
Band20	10	24400	50	#0	16QAM	10.5	21.38	PASS
Band20	10	24400	50	#0	16QAM	19.08	12.98	PASS
Band20	20	24250	18	#0	QPSK	-10.065	12.77	PASS
Band20	20	24250	18	#0	QPSK	-11.5	16.44	PASS
Band20	20	24250	18	#0	QPSK	-19.71	23.74	PASS
Band20	20	24250	18	#0	QPSK	-33.39	13.52	PASS
Band20	20	24250	18	#0	QPSK	10.44	30.49	PASS
Band20	20	24250	18	#0	QPSK	11.7	27.46	PASS
Band20	20	24250	18	#0	QPSK	22.14	24.34	PASS
Band20	20	24250	18	#0	QPSK	34.5	13.13	PASS
Band20	20	24250	18	#Max	QPSK	-10.185	30.79	PASS

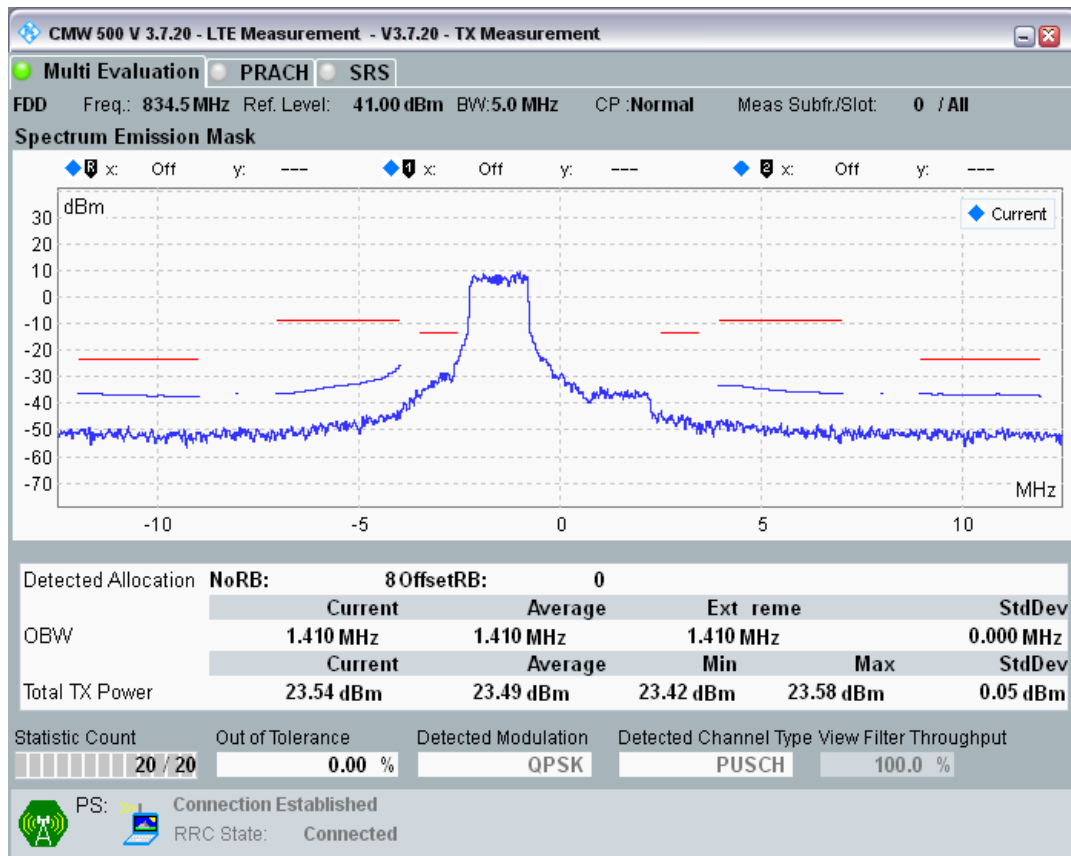
Band20	20	24250	18	#Max	QPSK	-11.5	27.34	PASS
Band20	20	24250	18	#Max	QPSK	-19.71	23.72	PASS
Band20	20	24250	18	#Max	QPSK	-34.11	13.62	PASS
Band20	20	24250	18	#Max	QPSK	10.17	14.04	PASS
Band20	20	24250	18	#Max	QPSK	11.5	17.54	PASS
Band20	20	24250	18	#Max	QPSK	15.5	22.89	PASS
Band20	20	24250	18	#Max	QPSK	33.93	13.07	PASS
Band20	20	24250	100	#0	QPSK	-10.515	22.30	PASS
Band20	20	24250	100	#0	QPSK	-11.5	21.36	PASS
Band20	20	24250	100	#0	QPSK	-15.5	23.29	PASS
Band20	20	24250	100	#0	QPSK	-32.76	13.55	PASS
Band20	20	24250	100	#0	QPSK	10.035	22.93	PASS
Band20	20	24250	100	#0	QPSK	11.5	22.35	PASS
Band20	20	24250	100	#0	QPSK	15.5	20.29	PASS
Band20	20	24250	100	#0	QPSK	32.85	13.08	PASS
Band20	20	24250	18	#0	16QAM	-10.08	15.39	PASS
Band20	20	24250	18	#0	16QAM	-11.5	18.30	PASS
Band20	20	24250	18	#0	16QAM	-19.71	23.79	PASS
Band20	20	24250	18	#0	16QAM	-33.03	13.51	PASS
Band20	20	24250	18	#0	16QAM	10.485	30.65	PASS
Band20	20	24250	18	#0	16QAM	11.5	27.54	PASS
Band20	20	24250	18	#0	16QAM	20.16	24.65	PASS
Band20	20	24250	18	#0	16QAM	33.57	13.17	PASS
Band20	20	24250	18	#Max	16QAM	-10.05	30.52	PASS
Band20	20	24250	18	#Max	16QAM	-13.41	27.38	PASS
Band20	20	24250	18	#Max	16QAM	-19.71	23.87	PASS
Band20	20	24250	18	#Max	16QAM	-32.85	13.58	PASS
Band20	20	24250	18	#Max	16QAM	10.05	15.99	PASS
Band20	20	24250	18	#Max	16QAM	11.5	19.29	PASS
Band20	20	24250	18	#Max	16QAM	15.5	22.86	PASS
Band20	20	24250	18	#Max	16QAM	30.5	13.11	PASS
Band20	20	24250	100	#0	16QAM	-10.08	22.80	PASS
Band20	20	24250	100	#0	16QAM	-11.5	22.66	PASS
Band20	20	24250	100	#0	16QAM	-15.5	23.68	PASS
Band20	20	24250	100	#0	16QAM	-31.77	13.45	PASS
Band20	20	24250	100	#0	16QAM	10.015	23.48	PASS
Band20	20	24250	100	#0	16QAM	11.5	23.87	PASS
Band20	20	24250	100	#0	16QAM	15.84	21.54	PASS
Band20	20	24250	100	#0	16QAM	30.5	13.15	PASS
Band20	20	24300	18	#0	QPSK	-10.155	14.30	PASS
Band20	20	24300	18	#0	QPSK	-11.5	16.88	PASS
Band20	20	24300	18	#0	QPSK	-15.5	22.88	PASS
Band20	20	24300	18	#0	QPSK	-33.66	13.51	PASS

Band20	20	24300	18	#0	QPSK	10.245	30.56	PASS
Band20	20	24300	18	#0	QPSK	11.5	27.46	PASS
Band20	20	24300	18	#0	QPSK	20.16	24.67	PASS
Band20	20	24300	18	#0	QPSK	34.29	13.15	PASS
Band20	20	24300	18	#Max	QPSK	-10.545	30.39	PASS
Band20	20	24300	18	#Max	QPSK	-12.42	27.09	PASS
Band20	20	24300	18	#Max	QPSK	-19.71	23.60	PASS
Band20	20	24300	18	#Max	QPSK	-32.4	13.54	PASS
Band20	20	24300	18	#Max	QPSK	10.065	15.09	PASS
Band20	20	24300	18	#Max	QPSK	11.5	17.58	PASS
Band20	20	24300	18	#Max	QPSK	15.5	22.59	PASS
Band20	20	24300	18	#Max	QPSK	33.57	13.03	PASS
Band20	20	24300	100	#0	QPSK	-10.155	22.34	PASS
Band20	20	24300	100	#0	QPSK	-11.5	21.32	PASS
Band20	20	24300	100	#0	QPSK	-15.5	20.04	PASS
Band20	20	24300	100	#0	QPSK	-33.3	13.49	PASS
Band20	20	24300	100	#0	QPSK	10.14	24.34	PASS
Band20	20	24300	100	#0	QPSK	12.51	23.52	PASS
Band20	20	24300	100	#0	QPSK	15.57	21.40	PASS
Band20	20	24300	100	#0	QPSK	33.39	13.10	PASS
Band20	20	24300	18	#0	16QAM	-10.095	17.07	PASS
Band20	20	24300	18	#0	16QAM	-11.5	19.36	PASS
Band20	20	24300	18	#0	16QAM	-15.5	22.85	PASS
Band20	20	24300	18	#0	16QAM	-33.57	13.49	PASS
Band20	20	24300	18	#0	16QAM	10.14	30.52	PASS
Band20	20	24300	18	#0	16QAM	11.5	27.65	PASS
Band20	20	24300	18	#0	16QAM	19.89	24.67	PASS
Band20	20	24300	18	#0	16QAM	31.77	13.09	PASS
Band20	20	24300	18	#Max	16QAM	-10.245	30.30	PASS
Band20	20	24300	18	#Max	16QAM	-11.5	27.26	PASS
Band20	20	24300	18	#Max	16QAM	-19.71	23.70	PASS
Band20	20	24300	18	#Max	16QAM	-32.4	13.51	PASS
Band20	20	24300	18	#Max	16QAM	10.05	15.85	PASS
Band20	20	24300	18	#Max	16QAM	11.5	20.31	PASS
Band20	20	24300	18	#Max	16QAM	15.5	22.93	PASS
Band20	20	24300	18	#Max	16QAM	31.14	13.14	PASS
Band20	20	24300	100	#0	16QAM	-10.635	23.75	PASS
Band20	20	24300	100	#0	16QAM	-11.5	22.24	PASS
Band20	20	24300	100	#0	16QAM	-15.5	20.38	PASS
Band20	20	24300	100	#0	16QAM	-31.95	13.47	PASS
Band20	20	24300	100	#0	16QAM	10.035	24.37	PASS
Band20	20	24300	100	#0	16QAM	11.5	24.07	PASS
Band20	20	24300	100	#0	16QAM	15.57	21.97	PASS

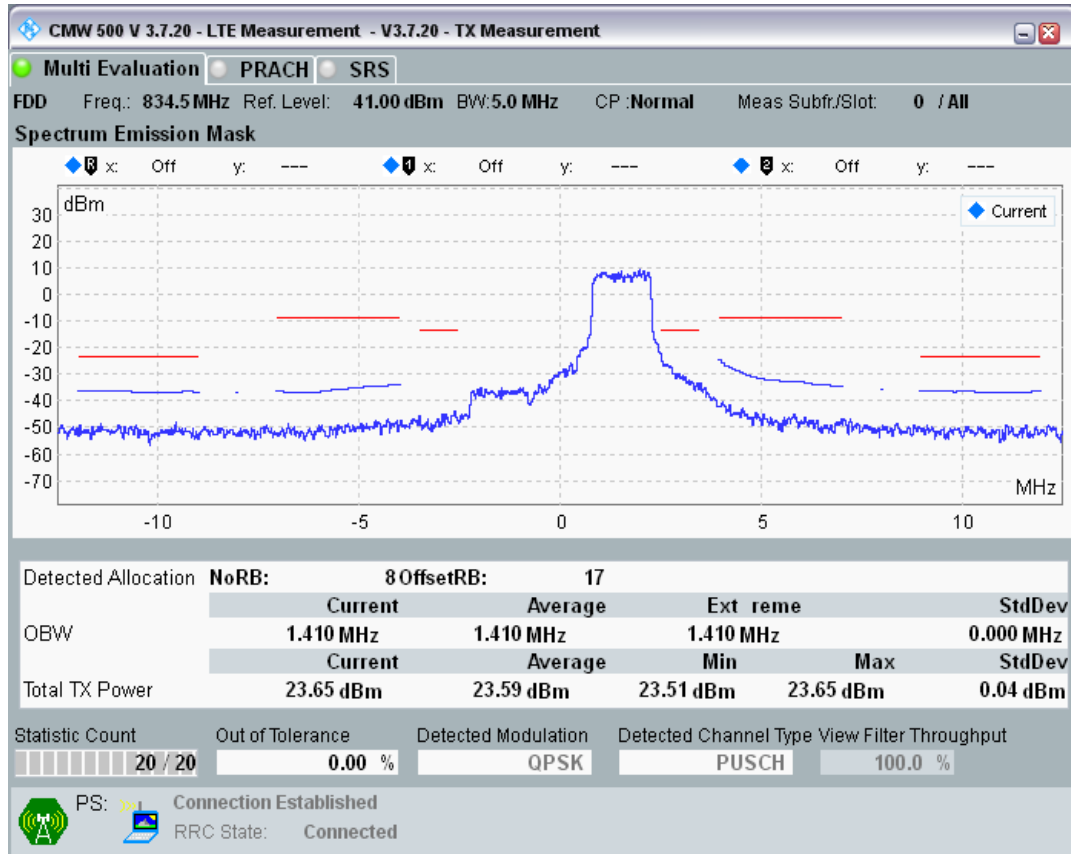
Band20	20	24300	100	#0	16QAM	33.3	13.06	PASS
Band20	20	24350	18	#0	QPSK	-10.015	14.13	PASS
Band20	20	24350	18	#0	QPSK	-11.5	16.44	PASS
Band20	20	24350	18	#0	QPSK	-15.5	22.37	PASS
Band20	20	24350	18	#0	QPSK	-33.75	13.43	PASS
Band20	20	24350	18	#0	QPSK	10.305	30.71	PASS
Band20	20	24350	18	#0	QPSK	11.5	27.63	PASS
Band20	20	24350	18	#0	QPSK	15.5	24.88	PASS
Band20	20	24350	18	#0	QPSK	33.48	13.12	PASS
Band20	20	24350	18	#Max	QPSK	-10.38	30.06	PASS
Band20	20	24350	18	#Max	QPSK	-13.5	27.12	PASS
Band20	20	24350	18	#Max	QPSK	-19.62	23.23	PASS
Band20	20	24350	18	#Max	QPSK	-33.3	13.53	PASS
Band20	20	24350	18	#Max	QPSK	10.2	14.89	PASS
Band20	20	24350	18	#Max	QPSK	11.5	16.65	PASS
Band20	20	24350	18	#Max	QPSK	15.5	23.00	PASS
Band20	20	24350	18	#Max	QPSK	30.87	13.09	PASS
Band20	20	24350	100	#0	QPSK	-10.015	21.23	PASS
Band20	20	24350	100	#0	QPSK	-11.5	21.73	PASS
Band20	20	24350	100	#0	QPSK	-18.63	19.46	PASS
Band20	20	24350	100	#0	QPSK	-31.68	13.43	PASS
Band20	20	24350	100	#0	QPSK	10.125	25.02	PASS
Band20	20	24350	100	#0	QPSK	11.5	23.54	PASS
Band20	20	24350	100	#0	QPSK	15.5	22.15	PASS
Band20	20	24350	100	#0	QPSK	31.05	13.07	PASS
Band20	20	24350	18	#0	16QAM	-10.185	15.23	PASS
Band20	20	24350	18	#0	16QAM	-11.5	18.53	PASS
Band20	20	24350	18	#0	16QAM	-15.5	22.40	PASS
Band20	20	24350	18	#0	16QAM	-32.04	13.34	PASS
Band20	20	24350	18	#0	16QAM	10.29	30.98	PASS
Band20	20	24350	18	#0	16QAM	11.5	27.67	PASS
Band20	20	24350	18	#0	16QAM	15.5	24.97	PASS
Band20	20	24350	18	#0	16QAM	30.5	13.22	PASS
Band20	20	24350	18	#Max	16QAM	-10.05	30.32	PASS
Band20	20	24350	18	#Max	16QAM	-13.59	27.15	PASS
Band20	20	24350	18	#Max	16QAM	-19.71	23.39	PASS
Band20	20	24350	18	#Max	16QAM	-33.93	13.49	PASS
Band20	20	24350	18	#Max	16QAM	10.05	15.73	PASS
Band20	20	24350	18	#Max	16QAM	11.5	18.85	PASS
Band20	20	24350	18	#Max	16QAM	15.5	23.05	PASS
Band20	20	24350	18	#Max	16QAM	32.22	13.09	PASS
Band20	20	24350	100	#0	16QAM	-10.035	22.57	PASS
Band20	20	24350	100	#0	16QAM	-11.5	21.92	PASS

Band20	20	24350	100	#0	16QAM	-15.5	19.62	PASS
Band20	20	24350	100	#0	16QAM	-33.84	13.45	PASS
Band20	20	24350	100	#0	16QAM	10.08	23.54	PASS
Band20	20	24350	100	#0	16QAM	11.5	23.75	PASS
Band20	20	24350	100	#0	16QAM	15.5	22.41	PASS
Band20	20	24350	100	#0	16QAM	32.76	13.15	PASS

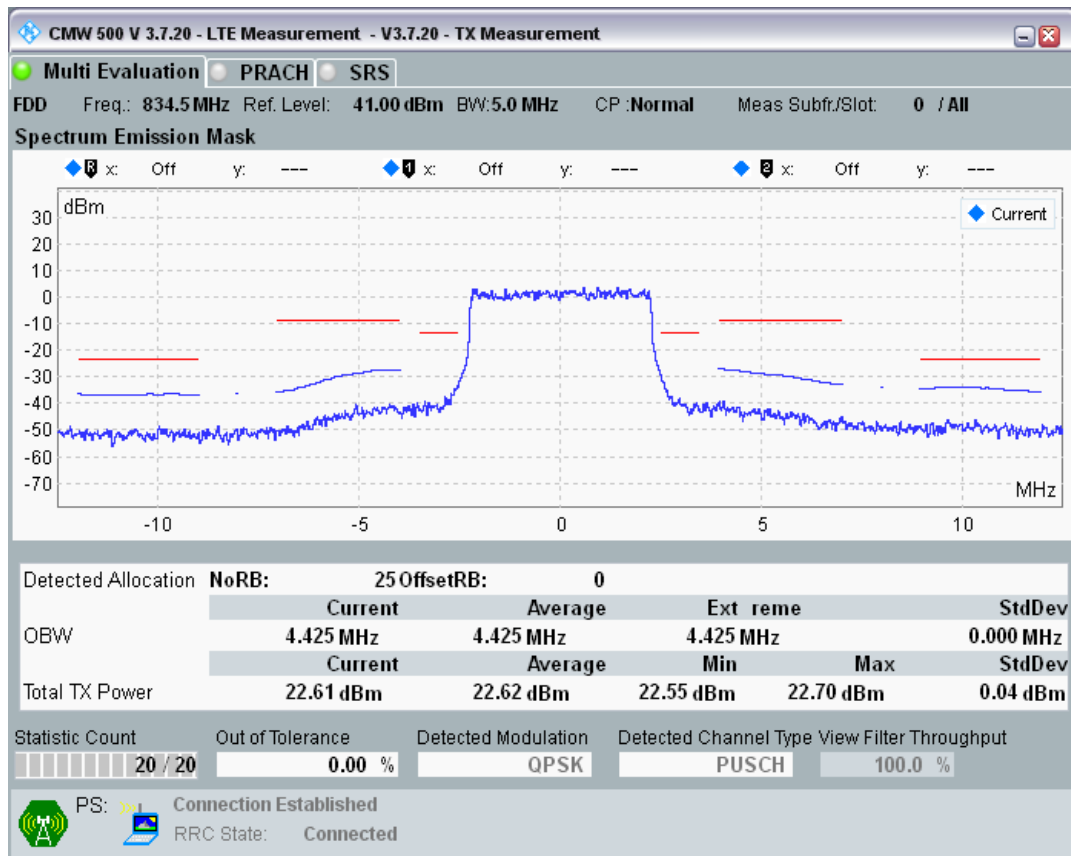
Band20 QPSK BW=5MHz Channel=24175 RB Size=8 Position=#0



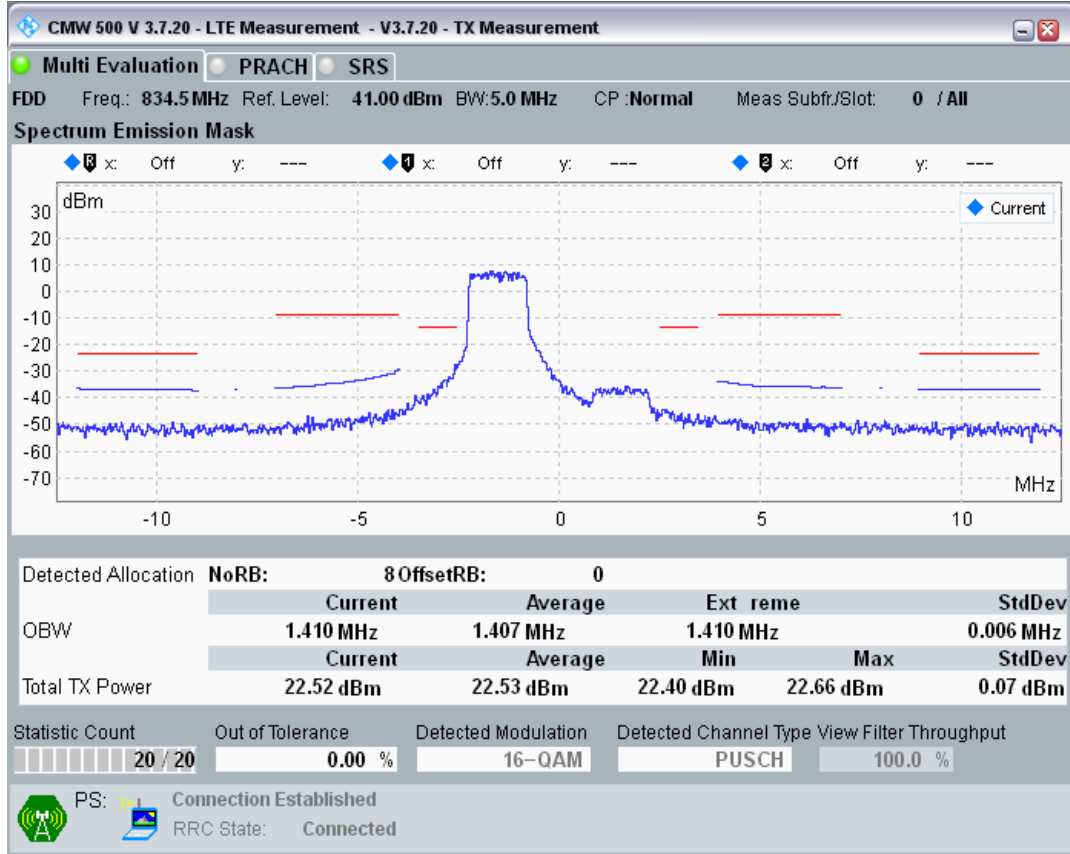
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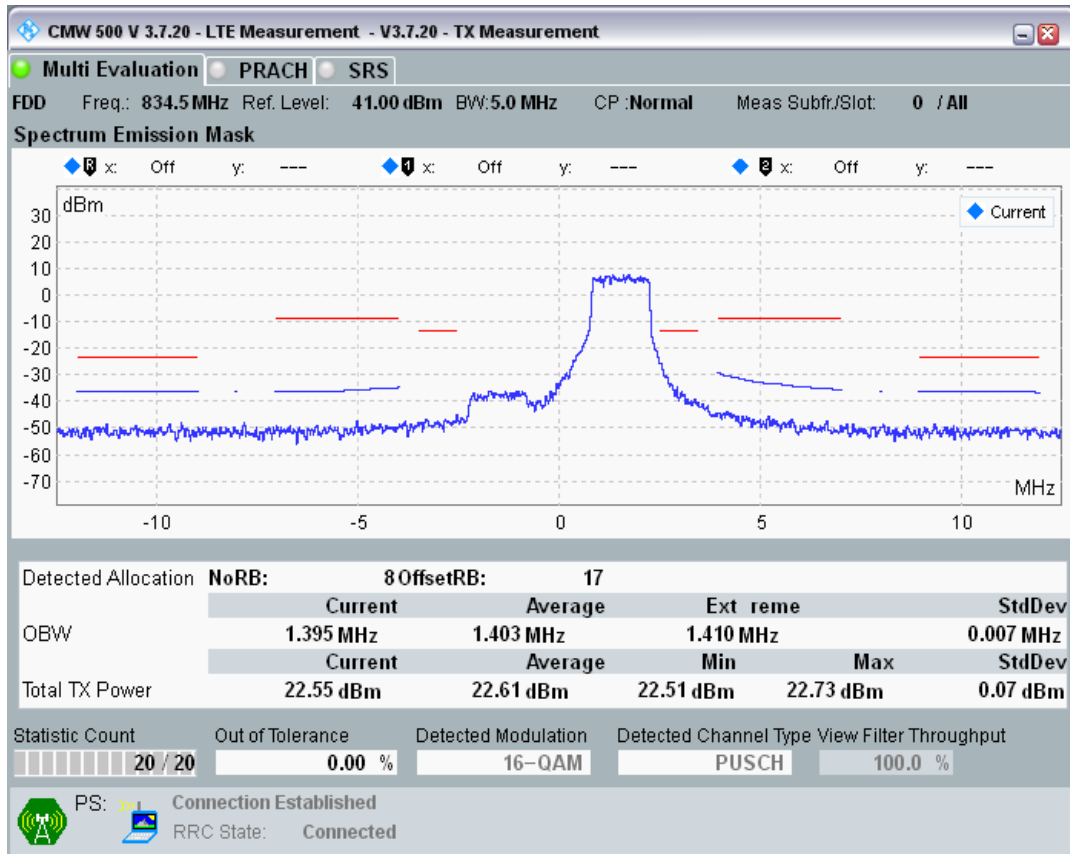
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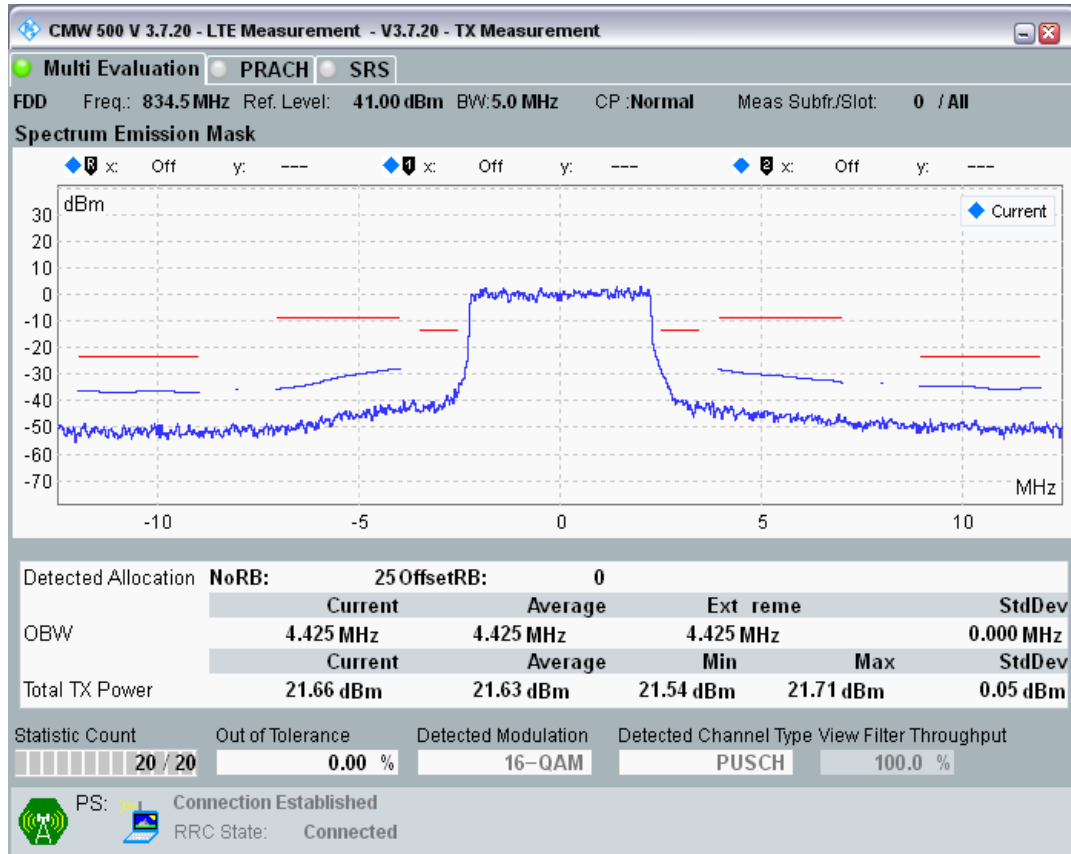
Band20 16QAM BW=5MHz Channel=24175 RB Size=8 Position=#0



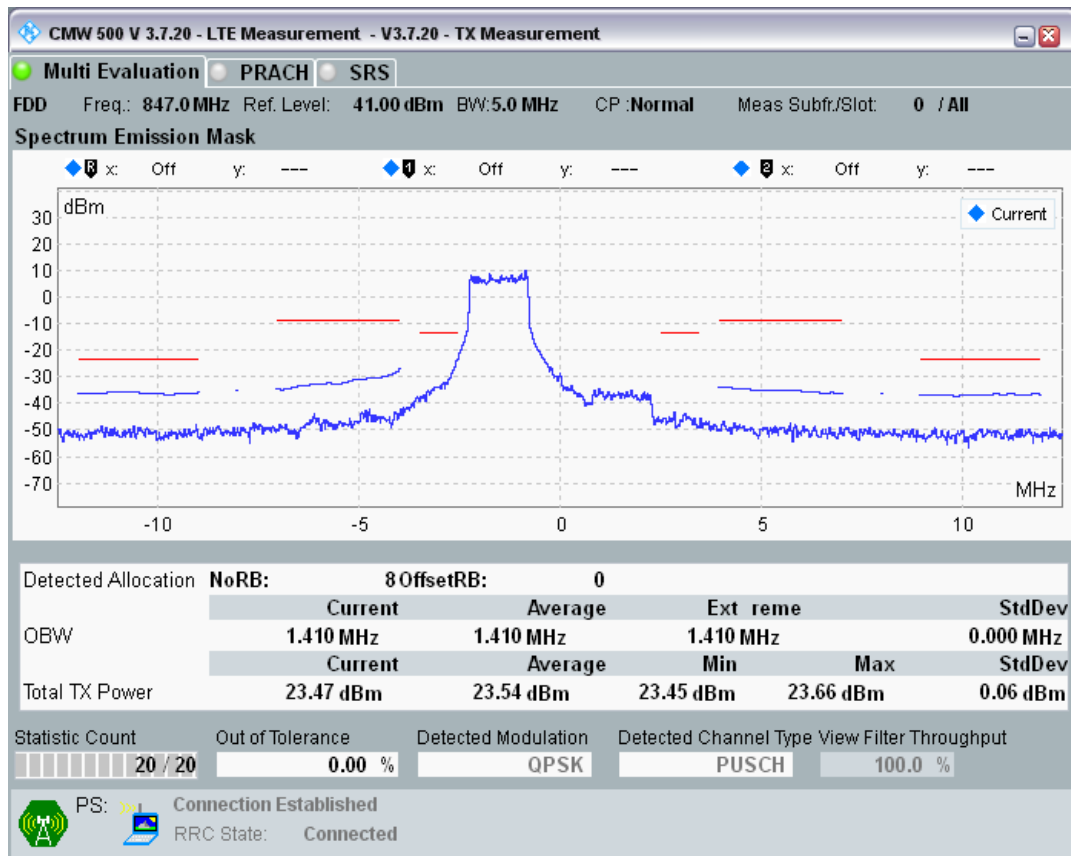
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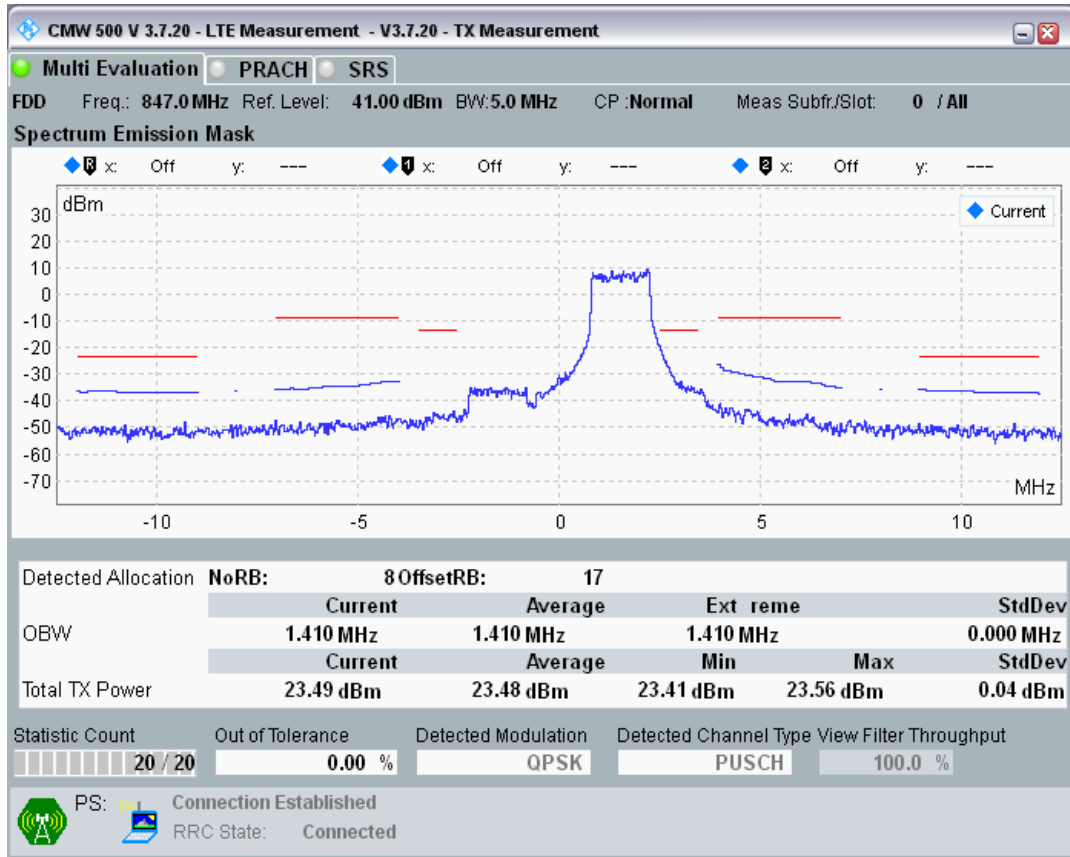
Band20 16QAM BW=5MHz Channel=24175 RB Size=25 Position=#0



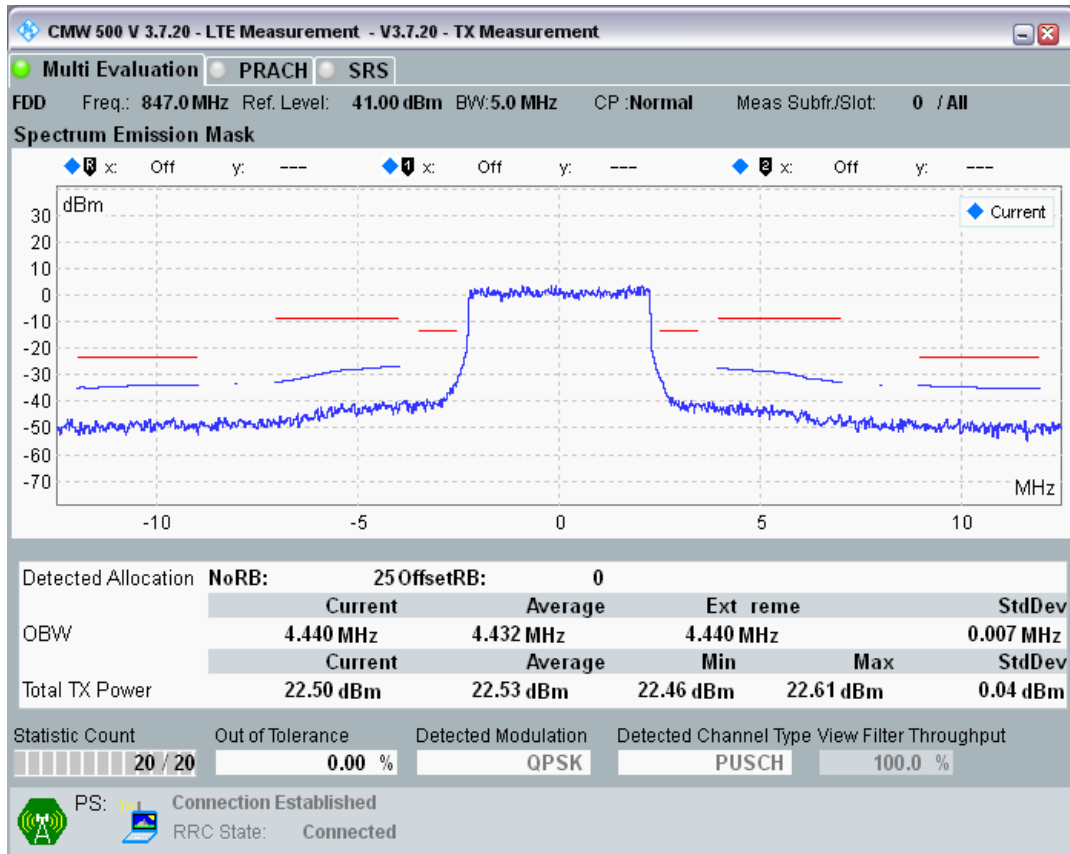
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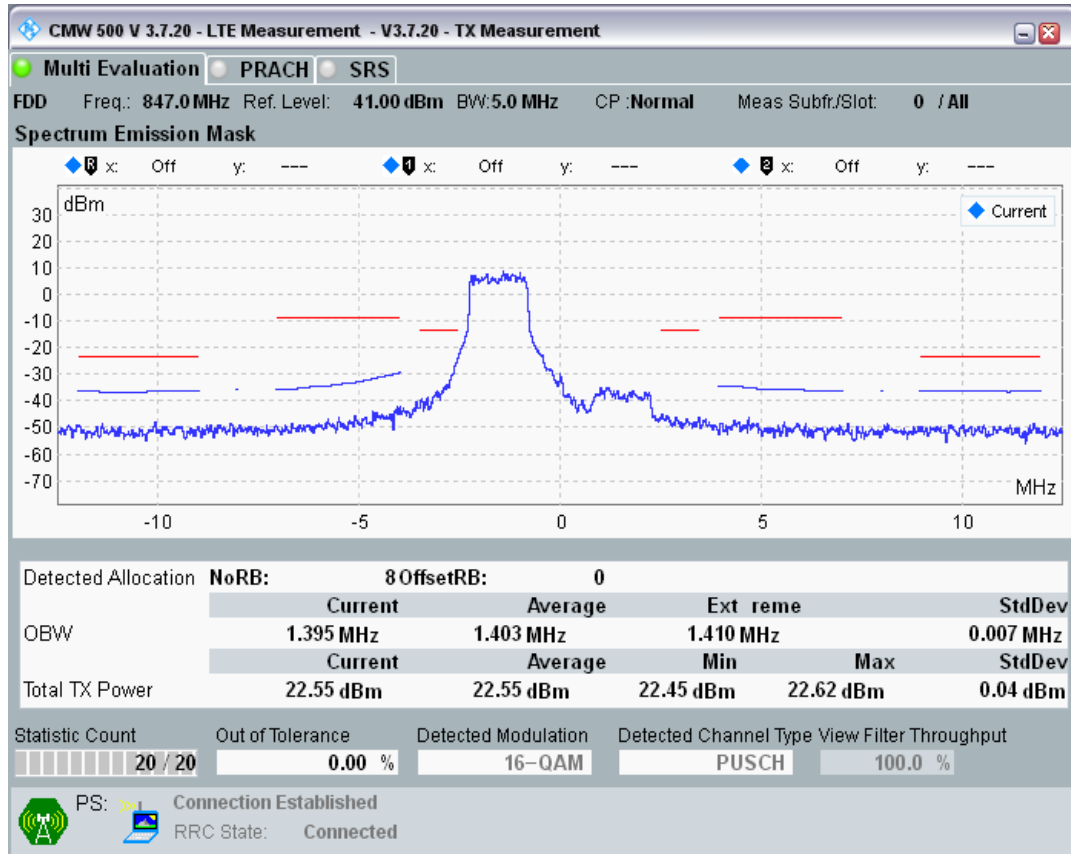
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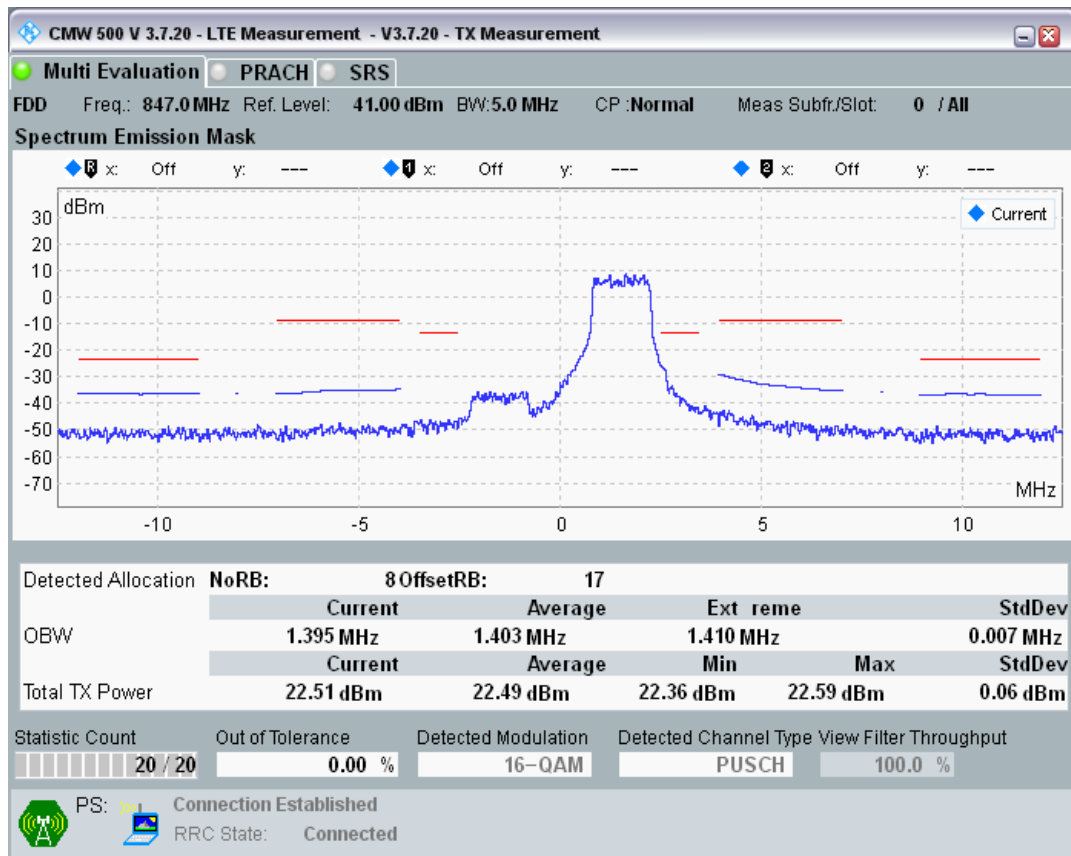
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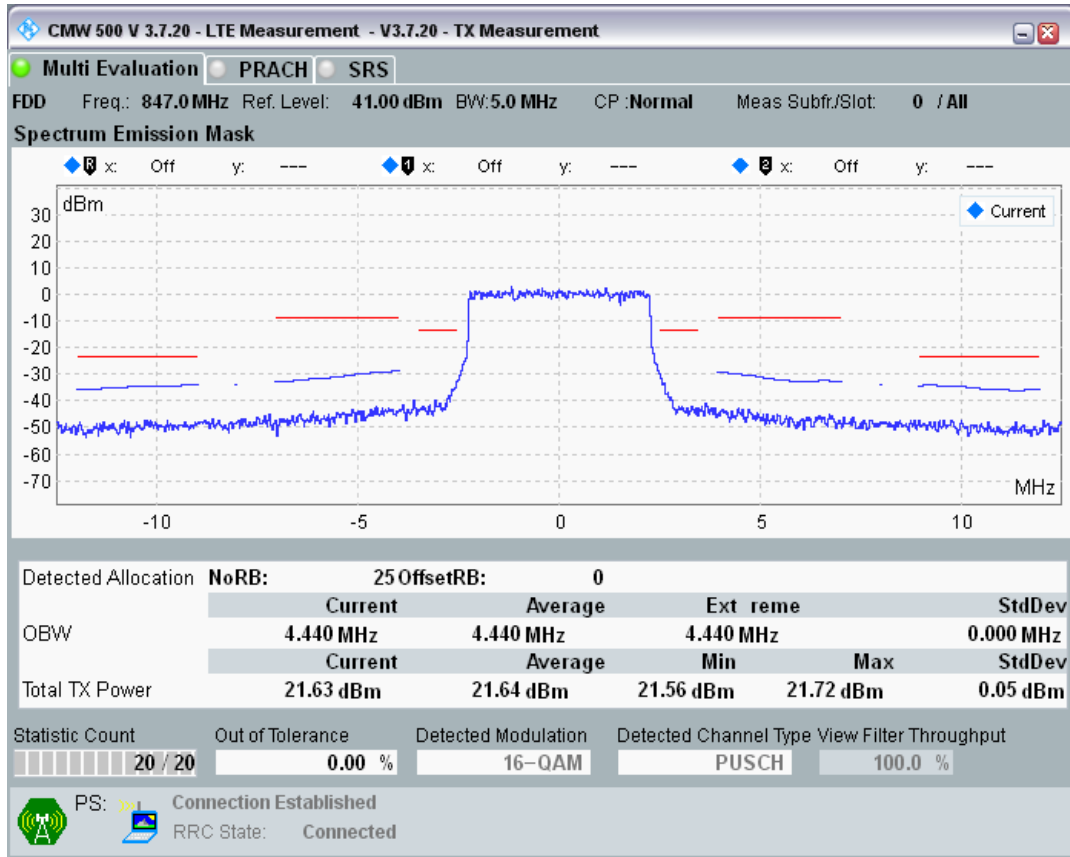
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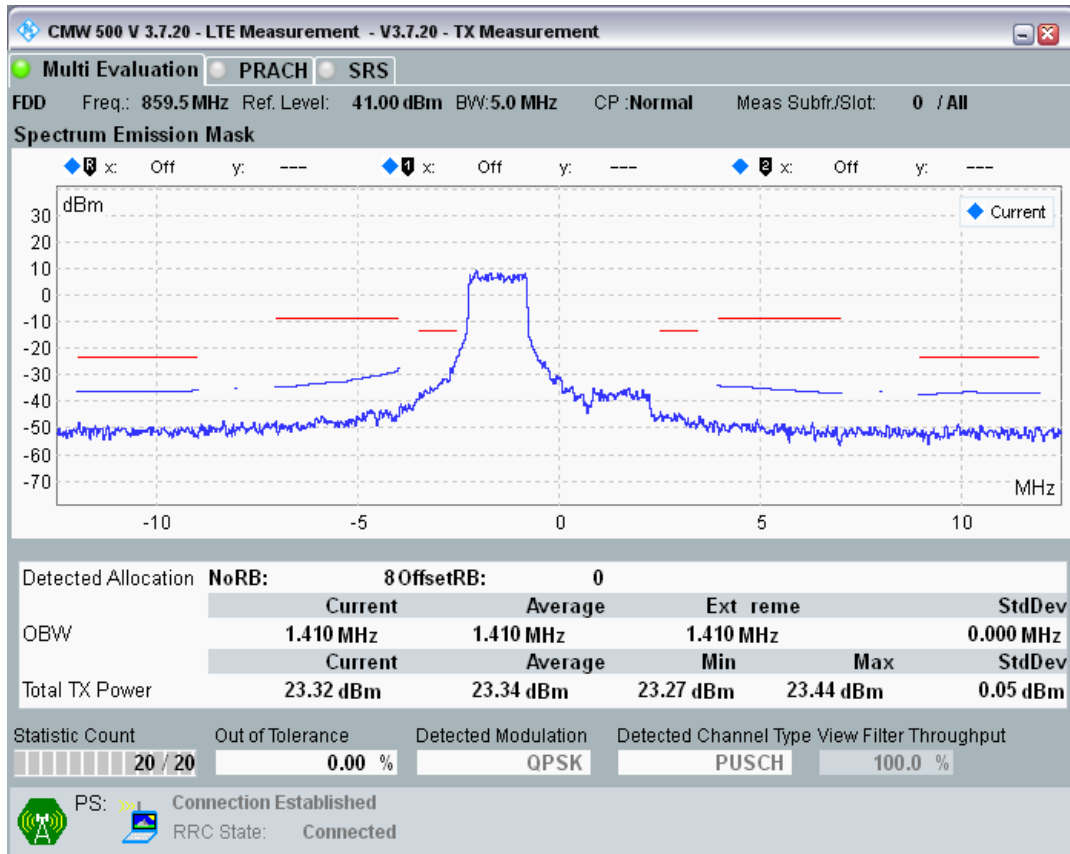
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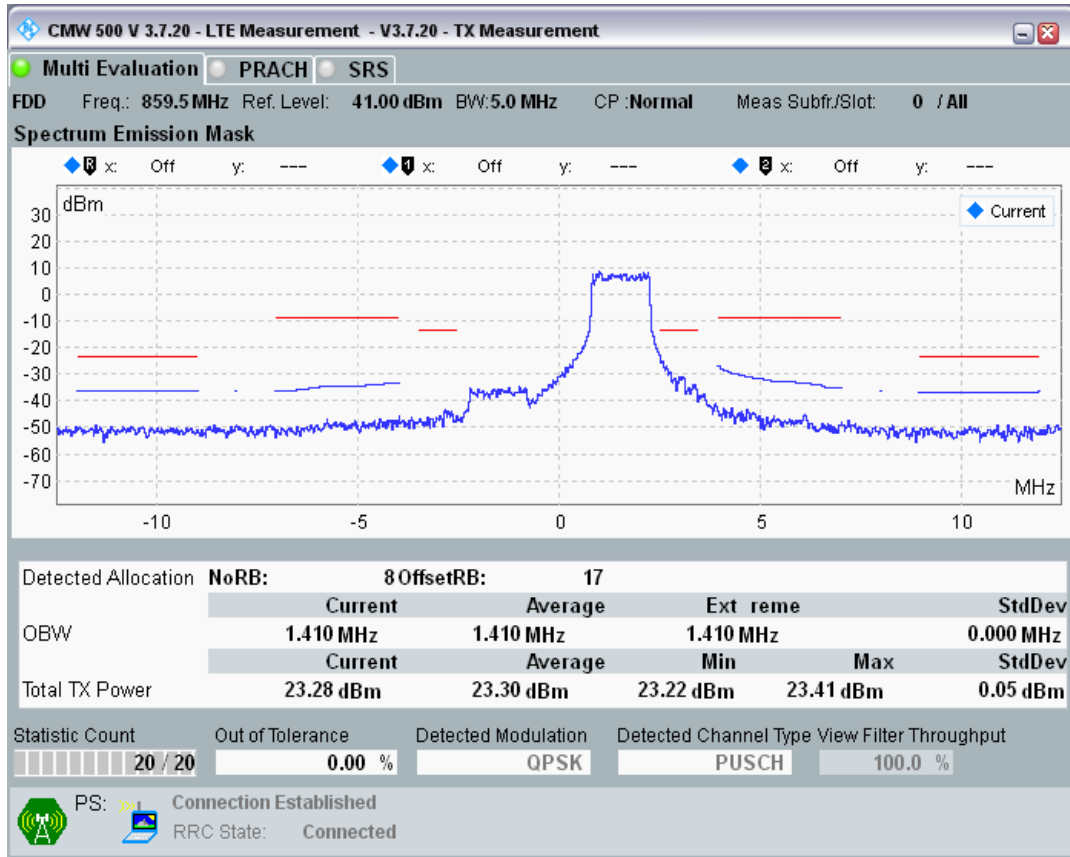
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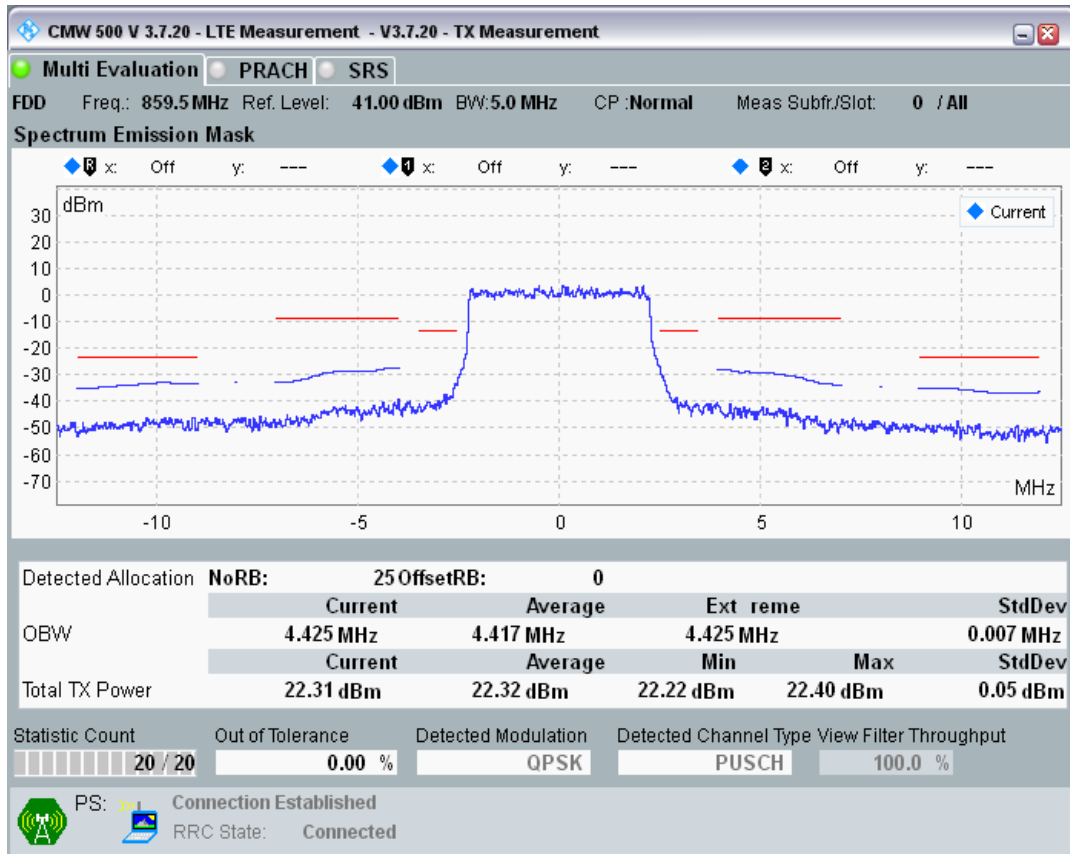
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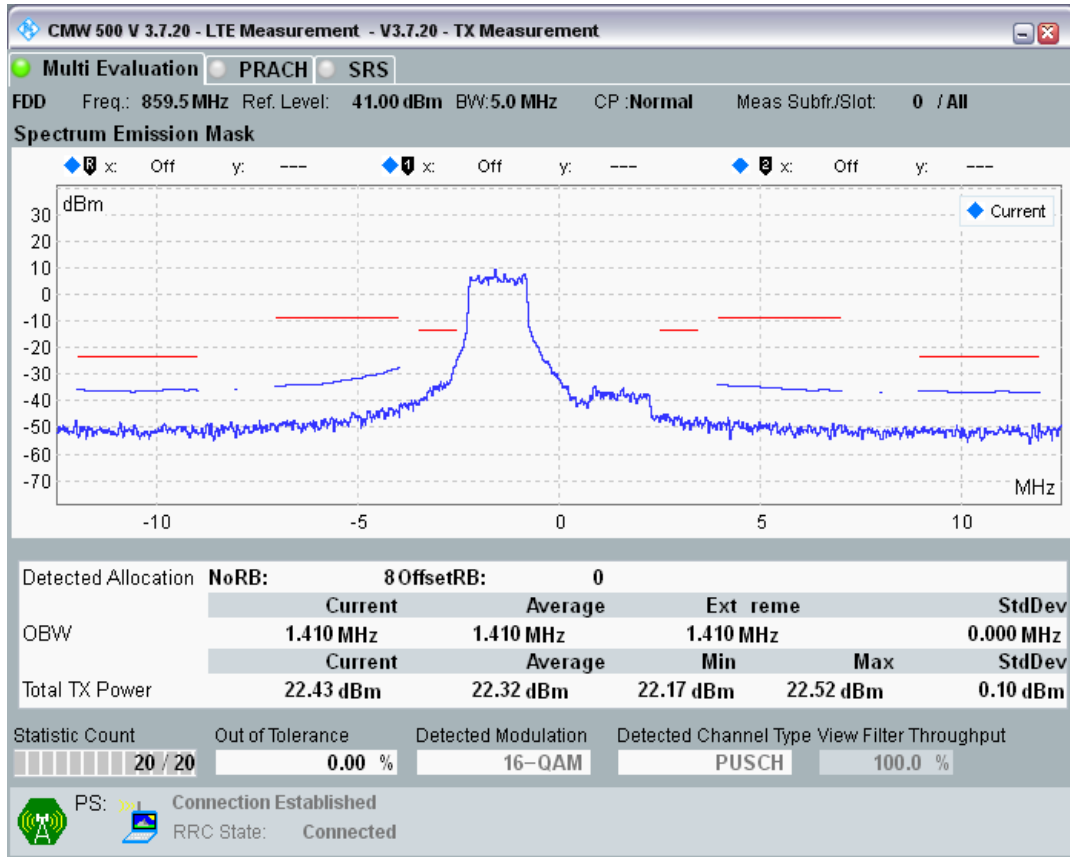
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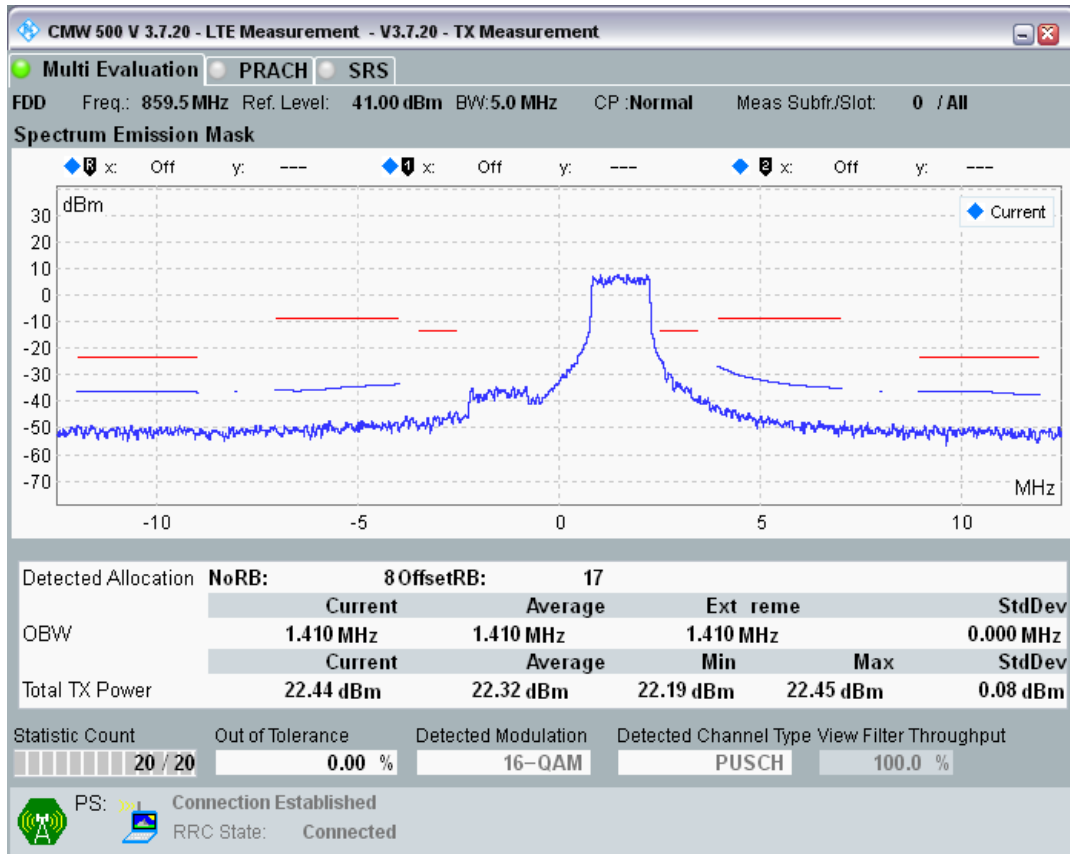
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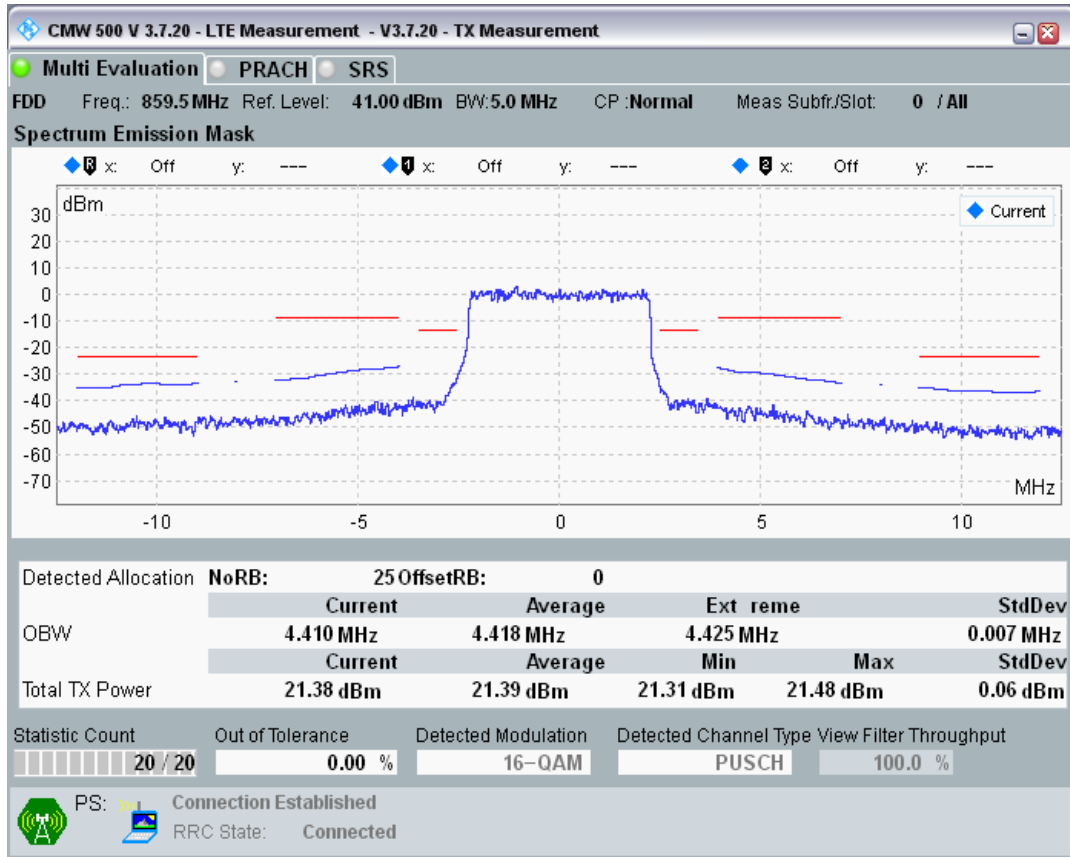
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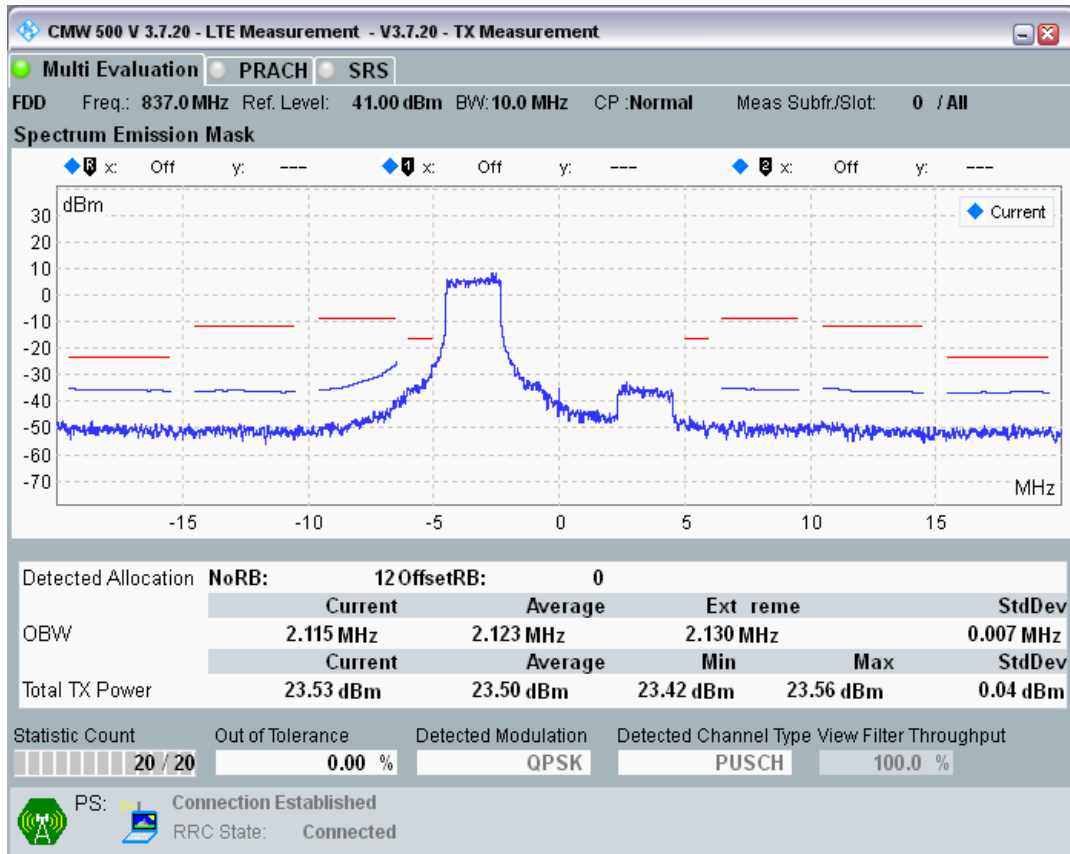
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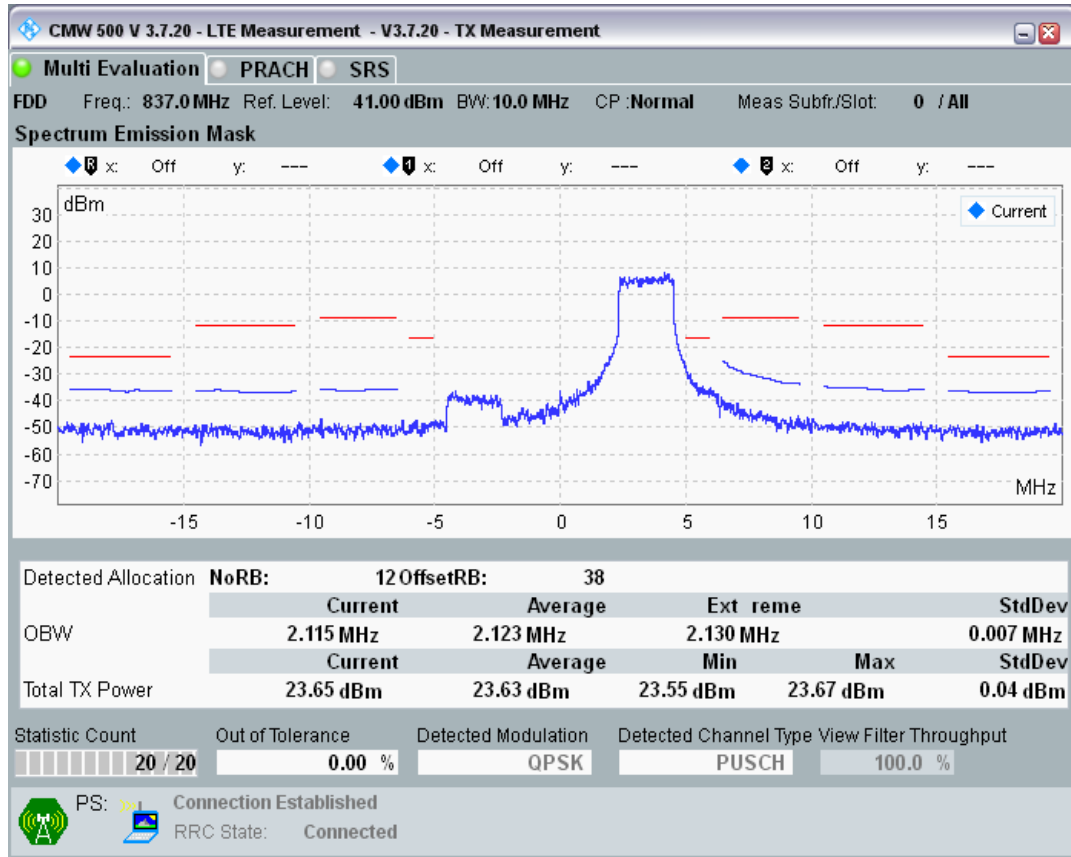
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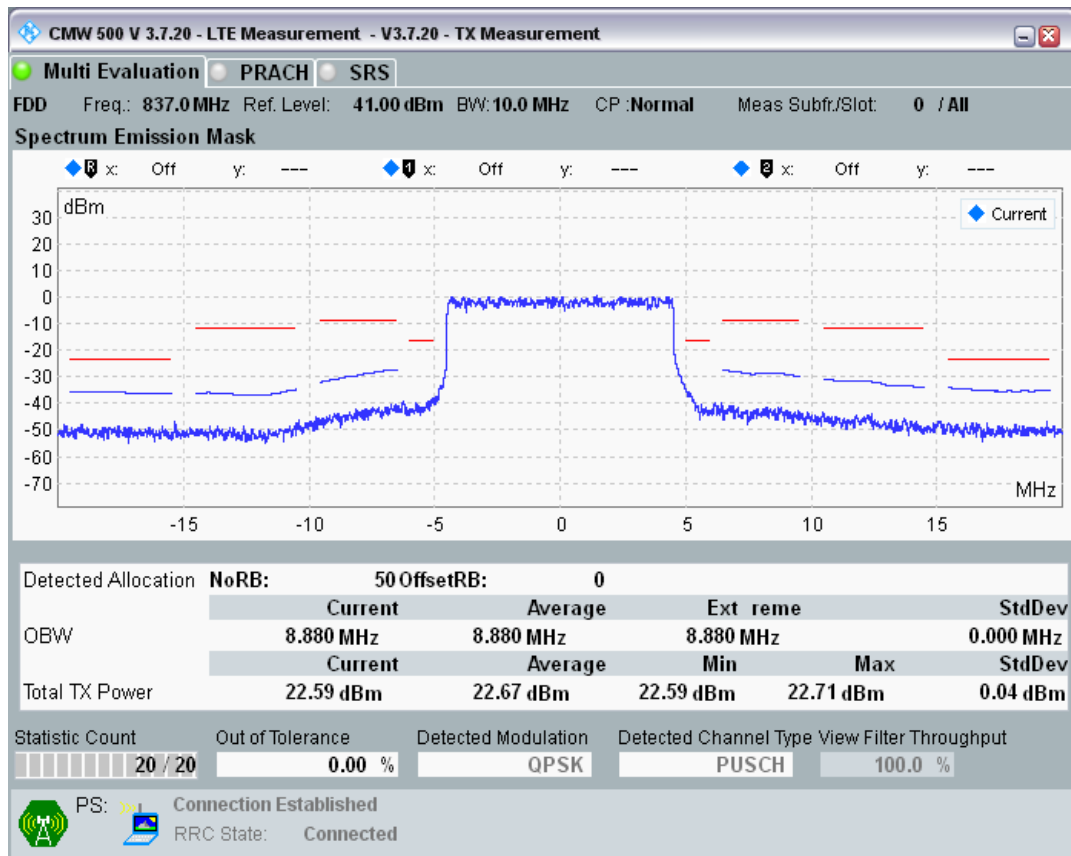
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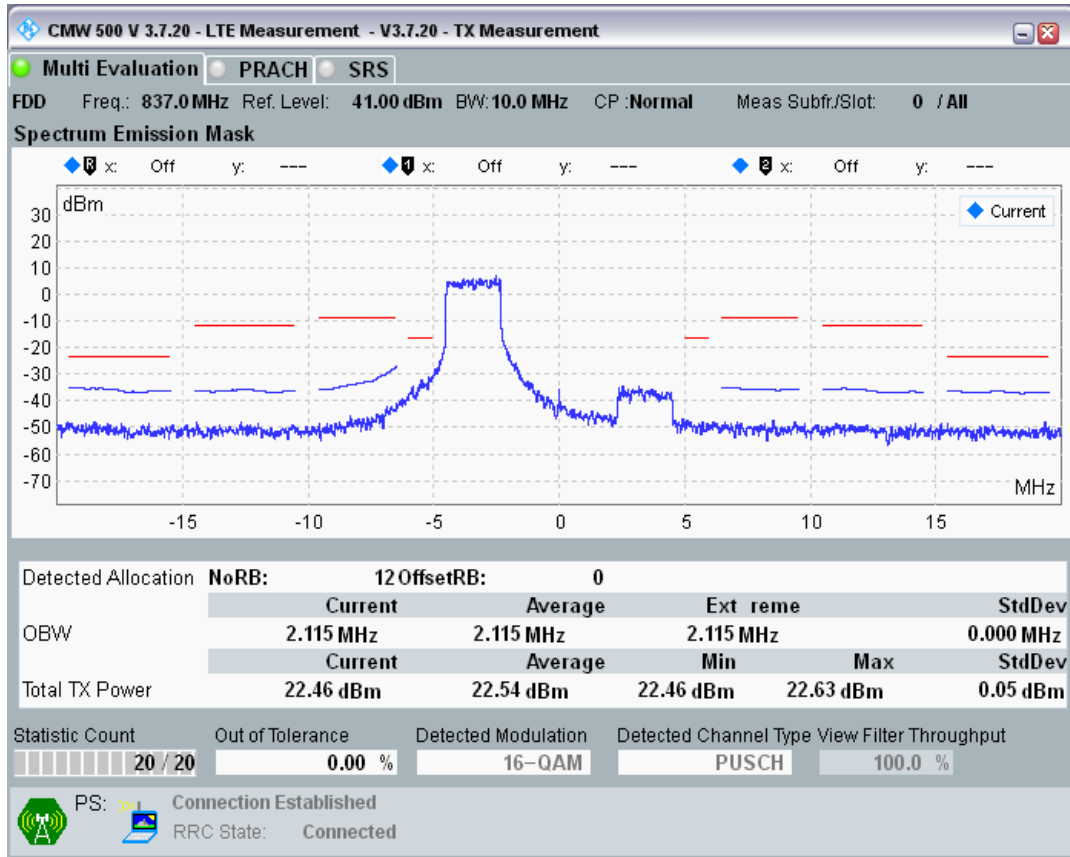
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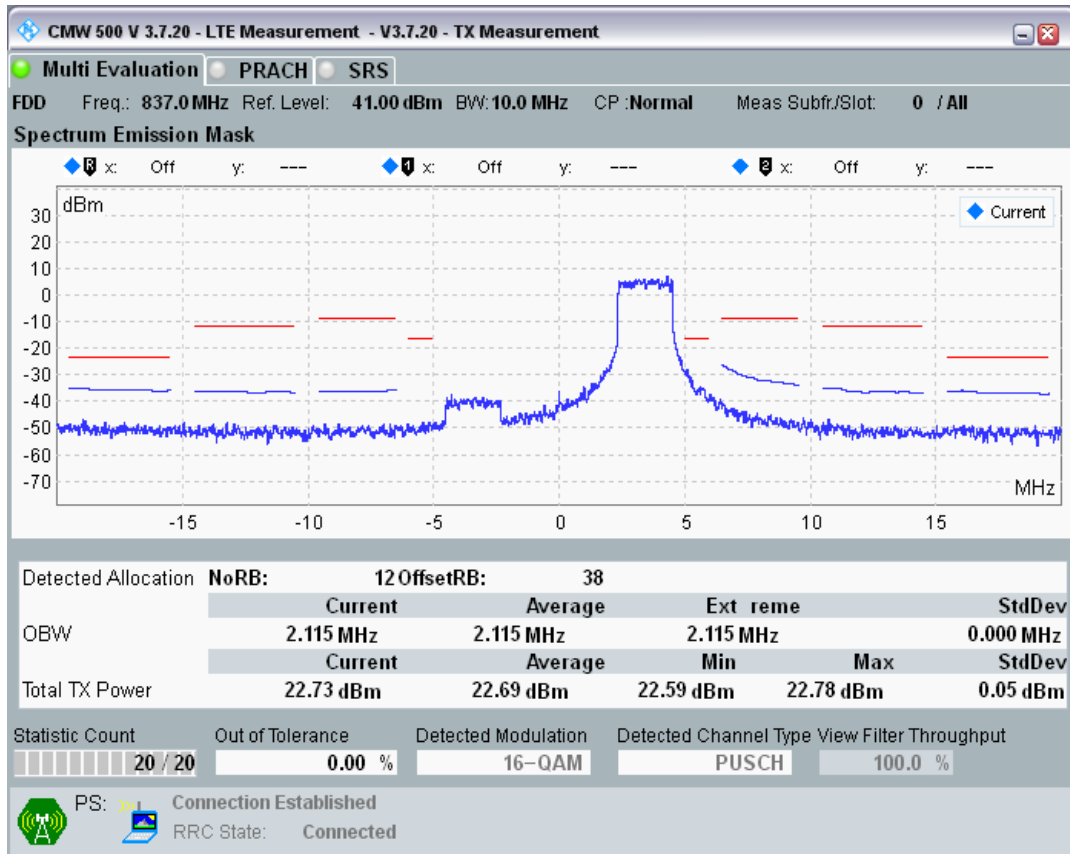
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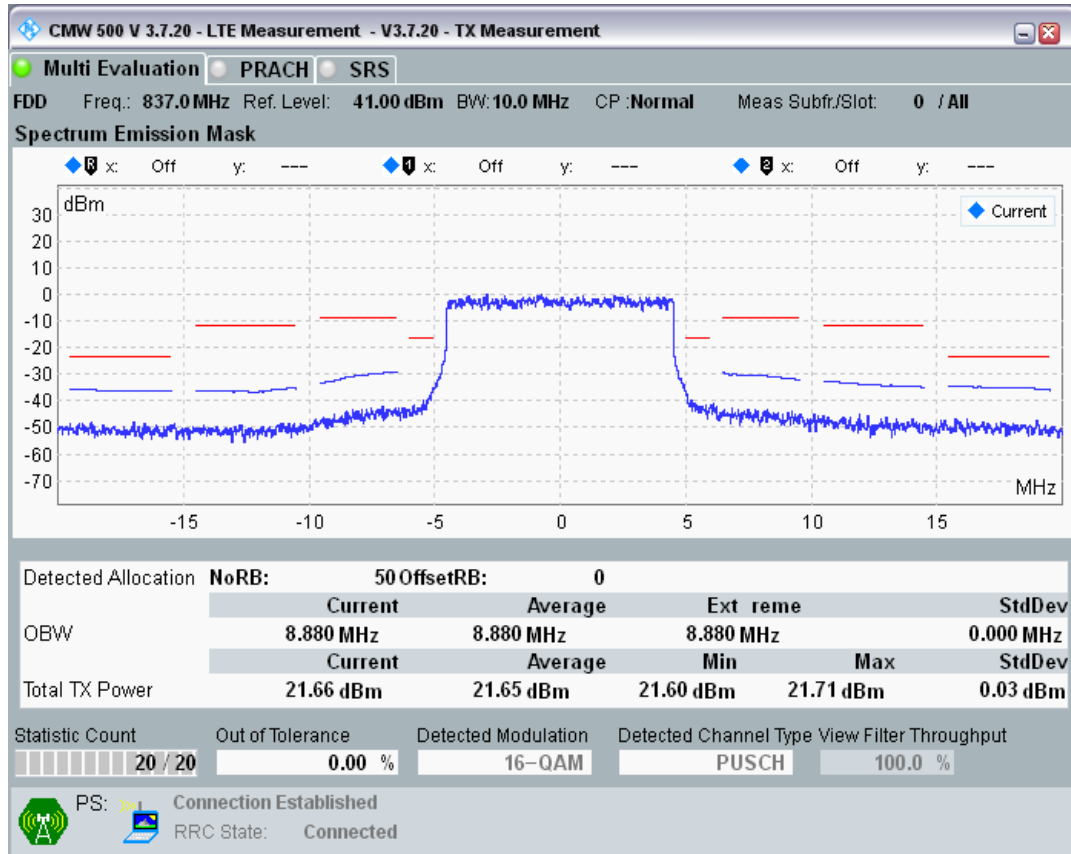
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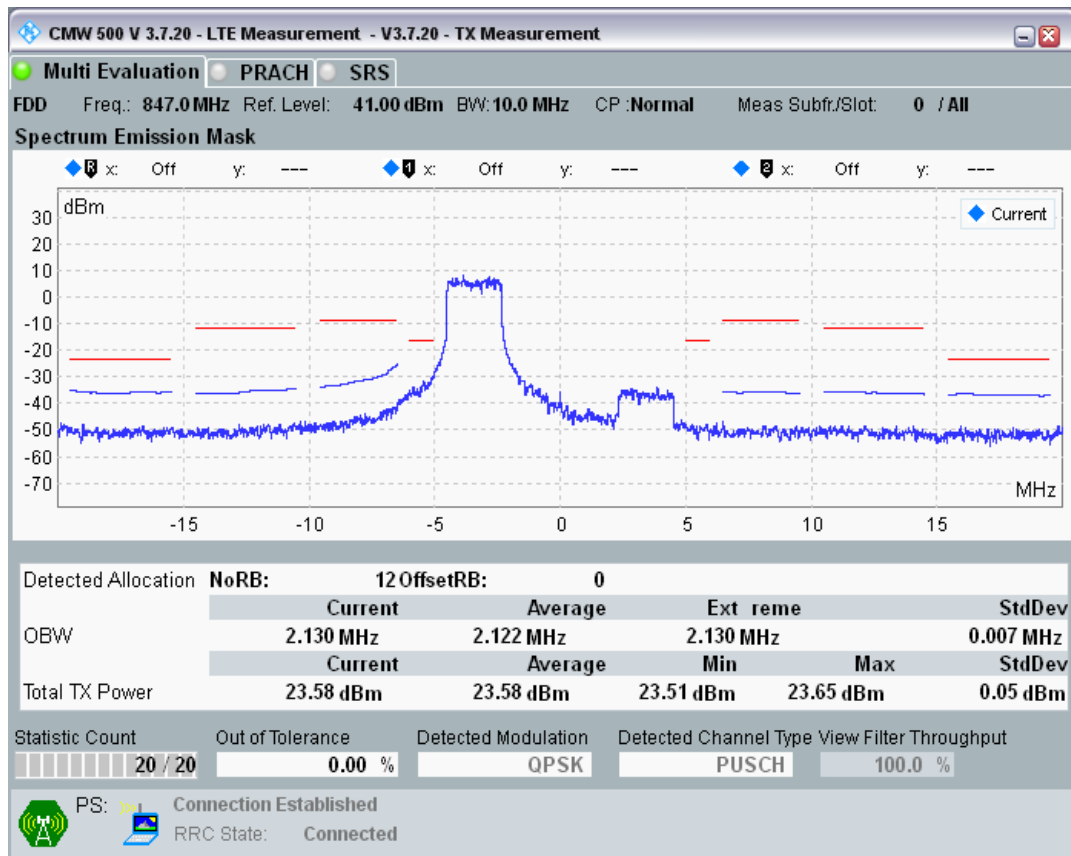
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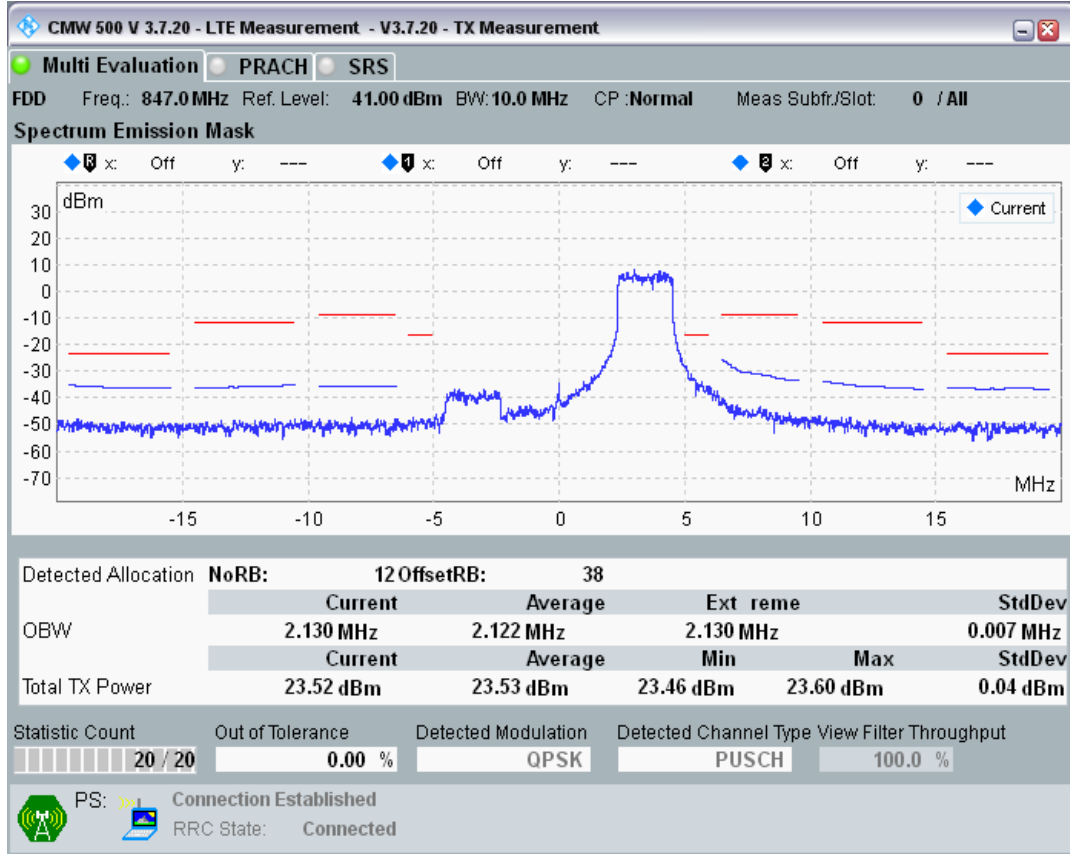
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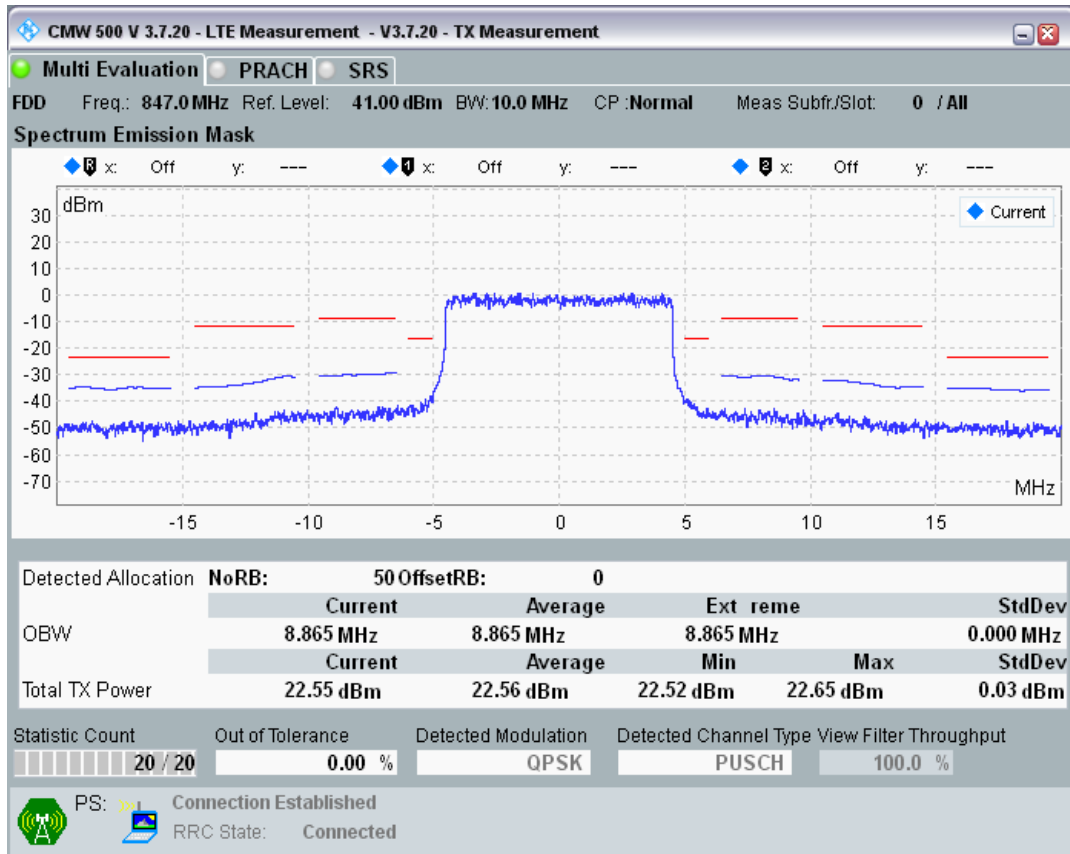
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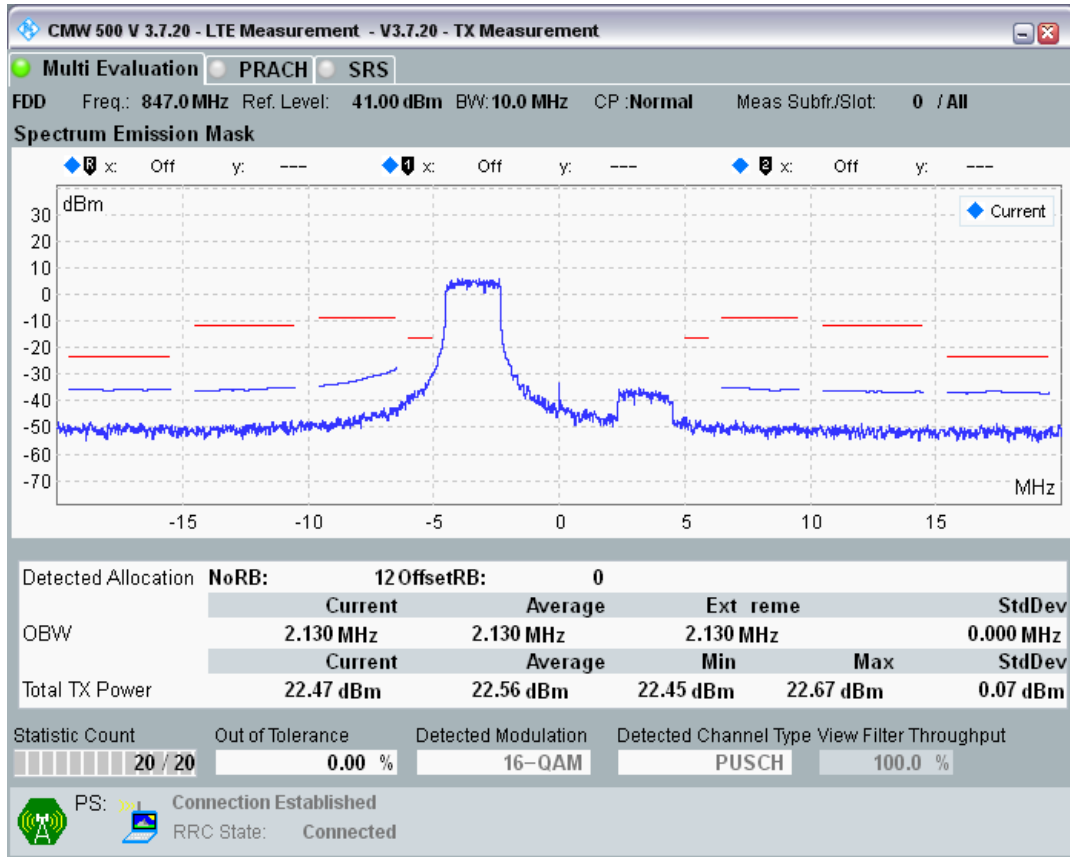
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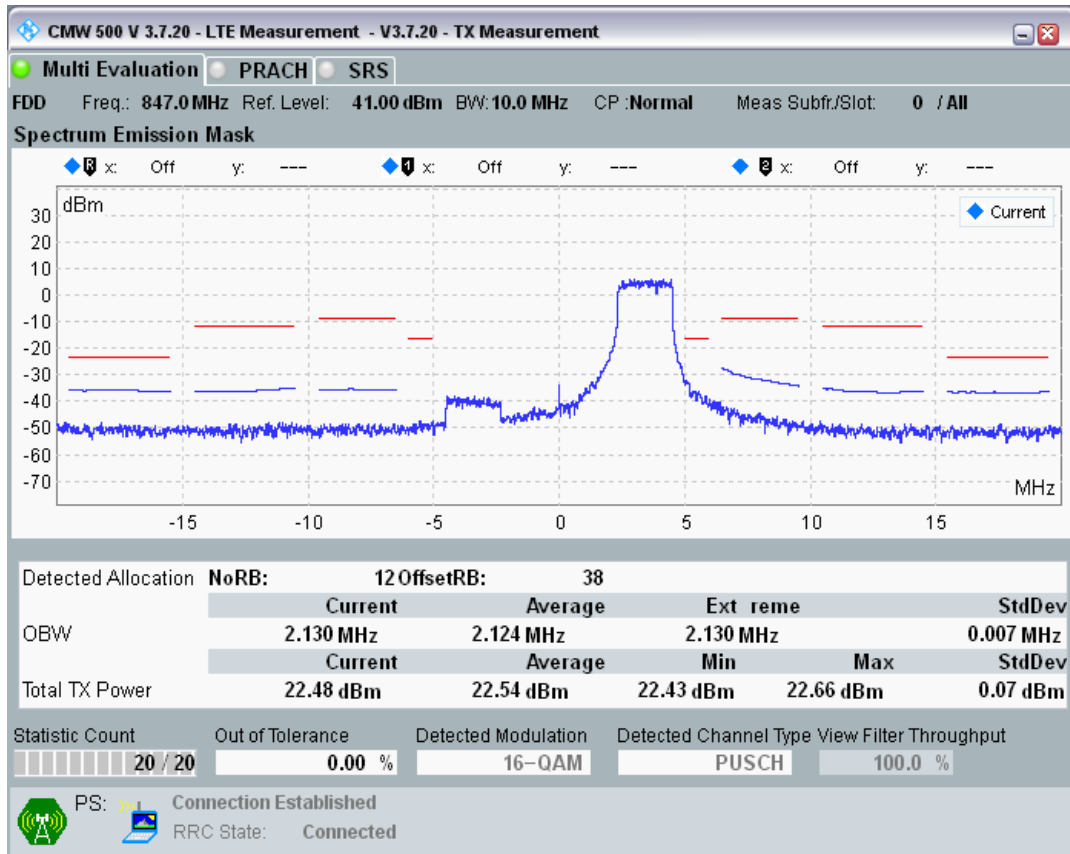
Band20 QPSK BW=10MHz Channel=24300 RB Size=50 Position=#0



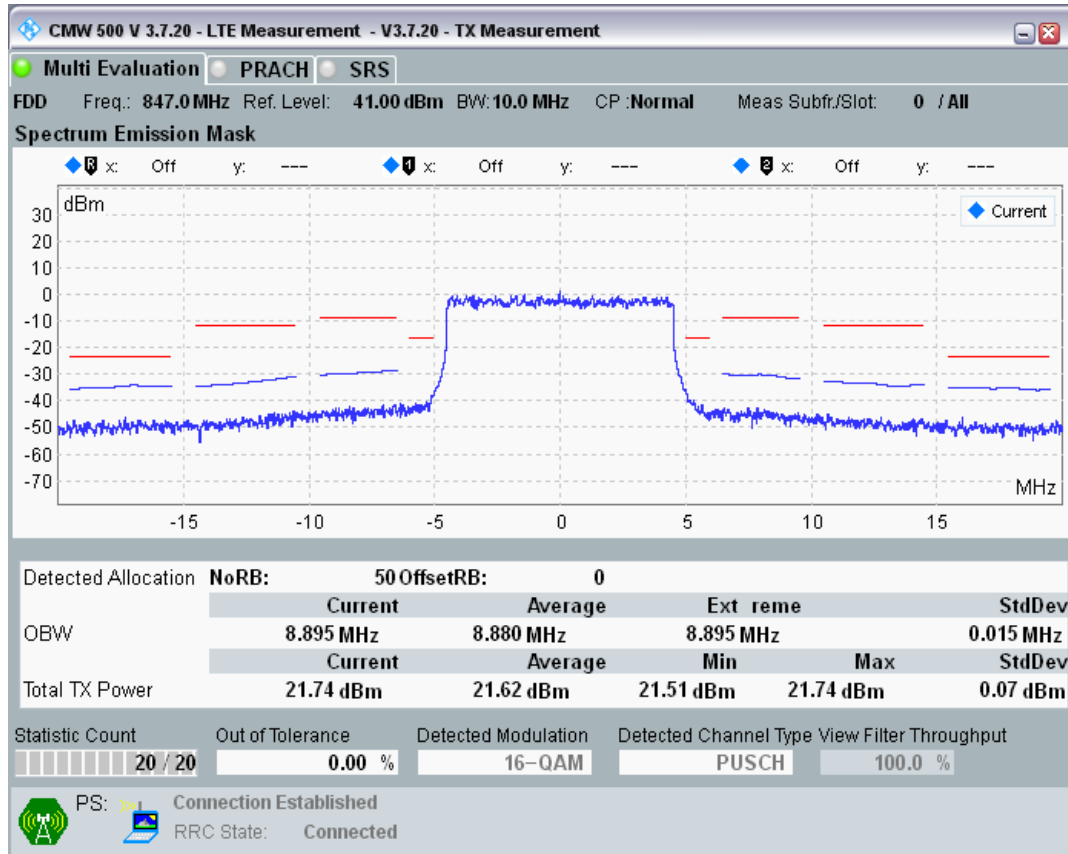
Band20 16QAM BW=10MHz Channel=24300 RB Size=12 Position=#0



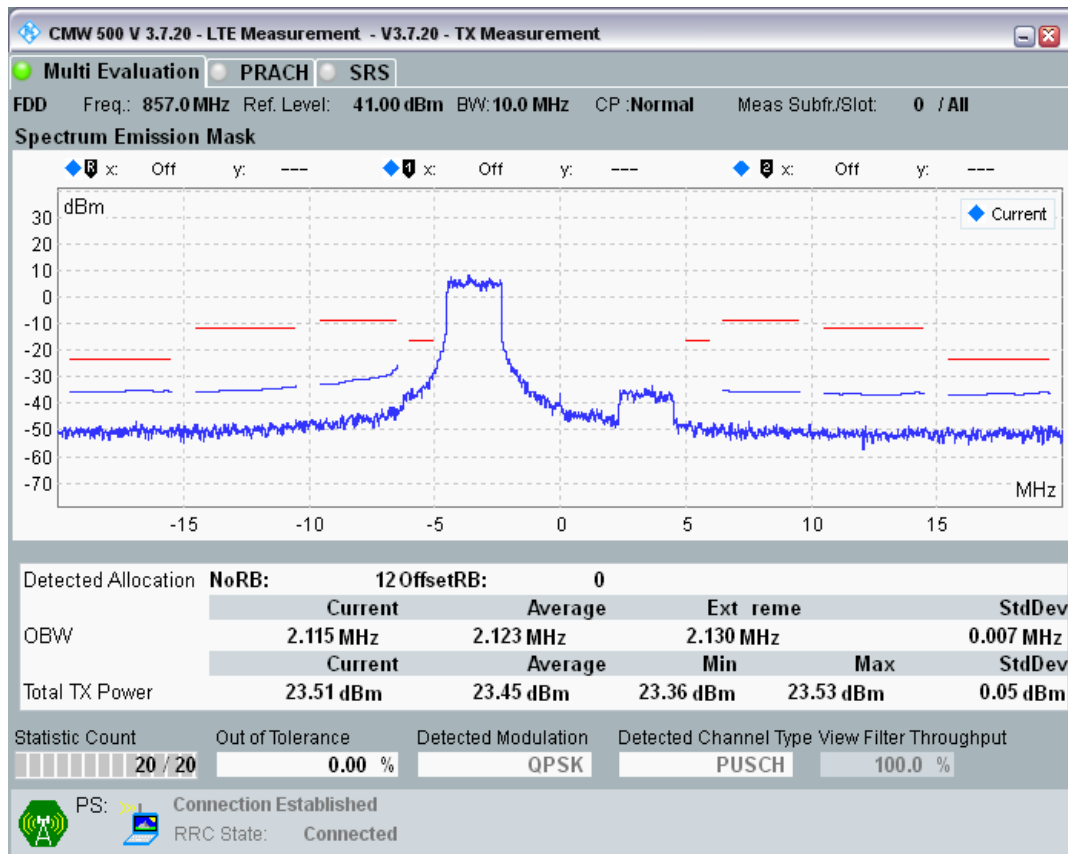
Band20 16QAM BW=10MHz Channel=24300 RB Size=12 Position=#Max



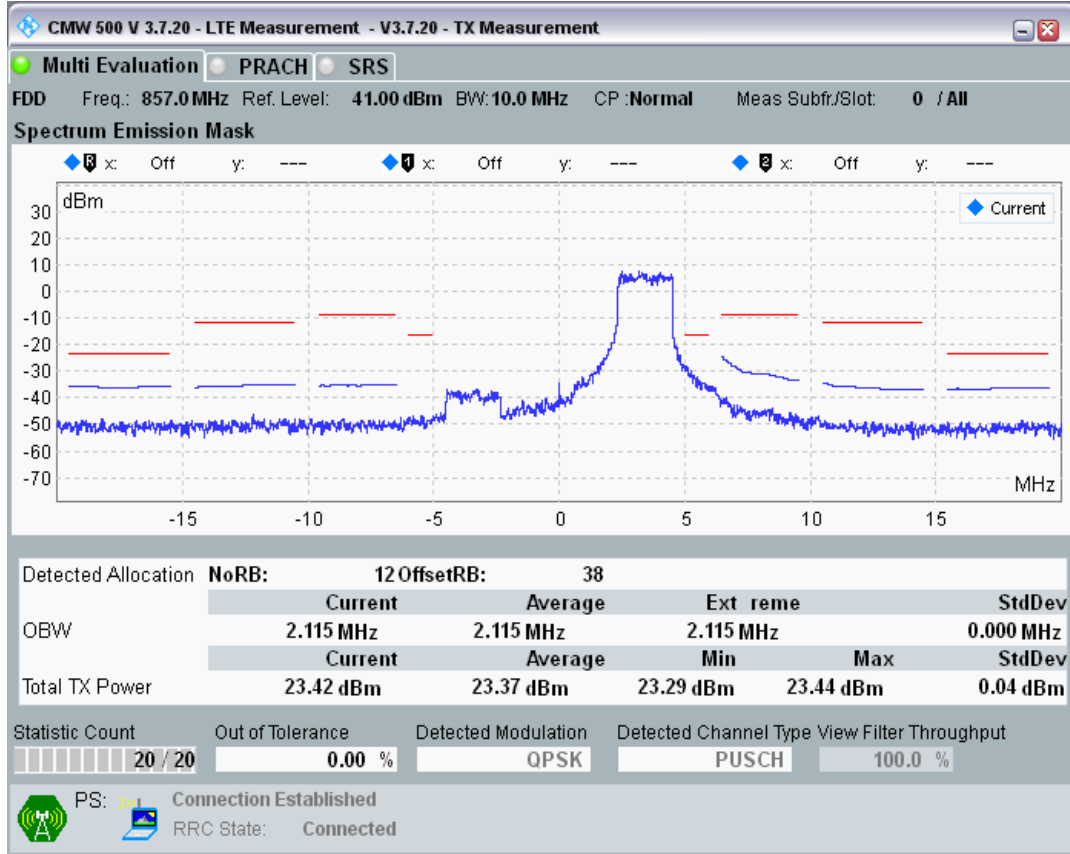
Band20 16QAM BW=10MHz Channel=24300 RB Size=50 Position=#0



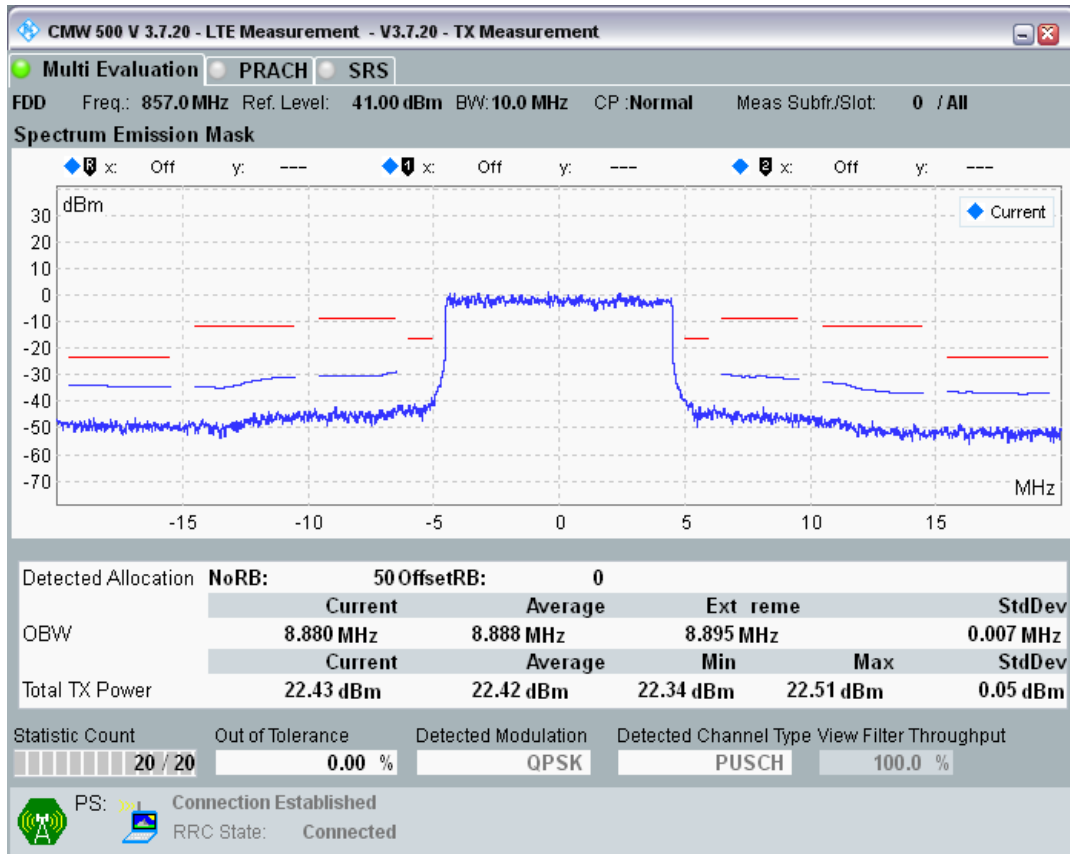
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#0



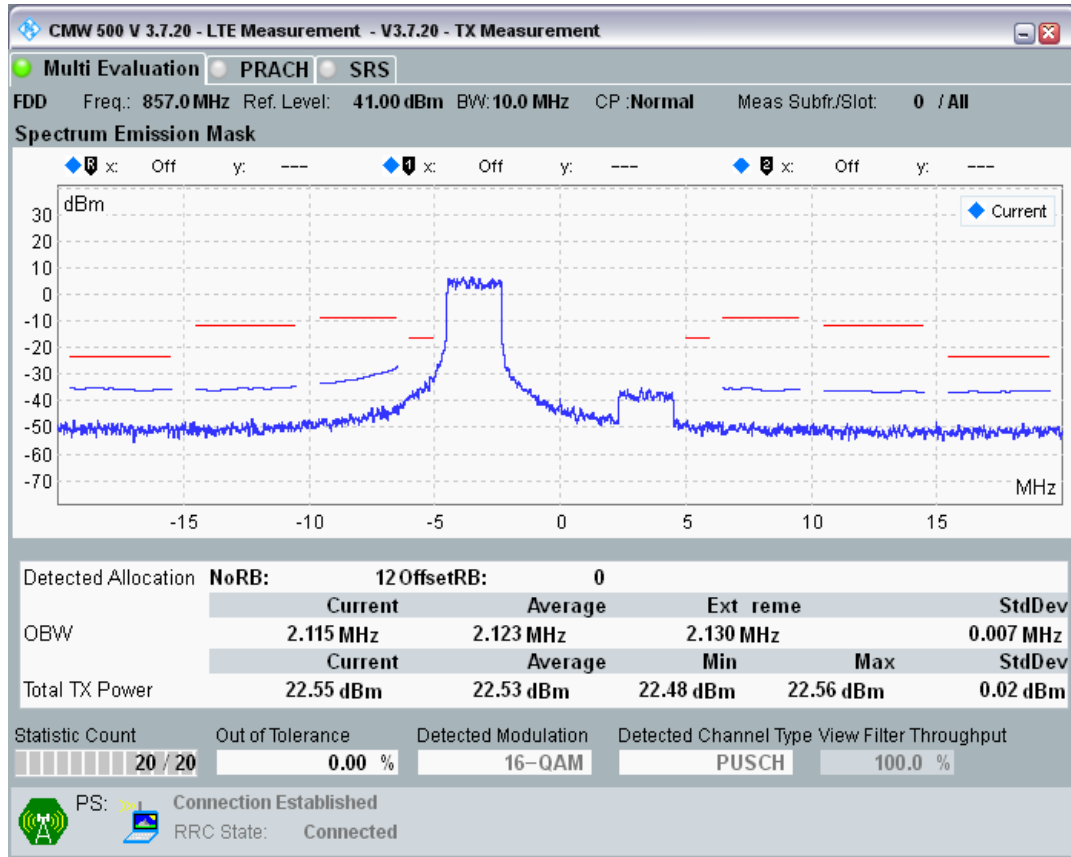
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max



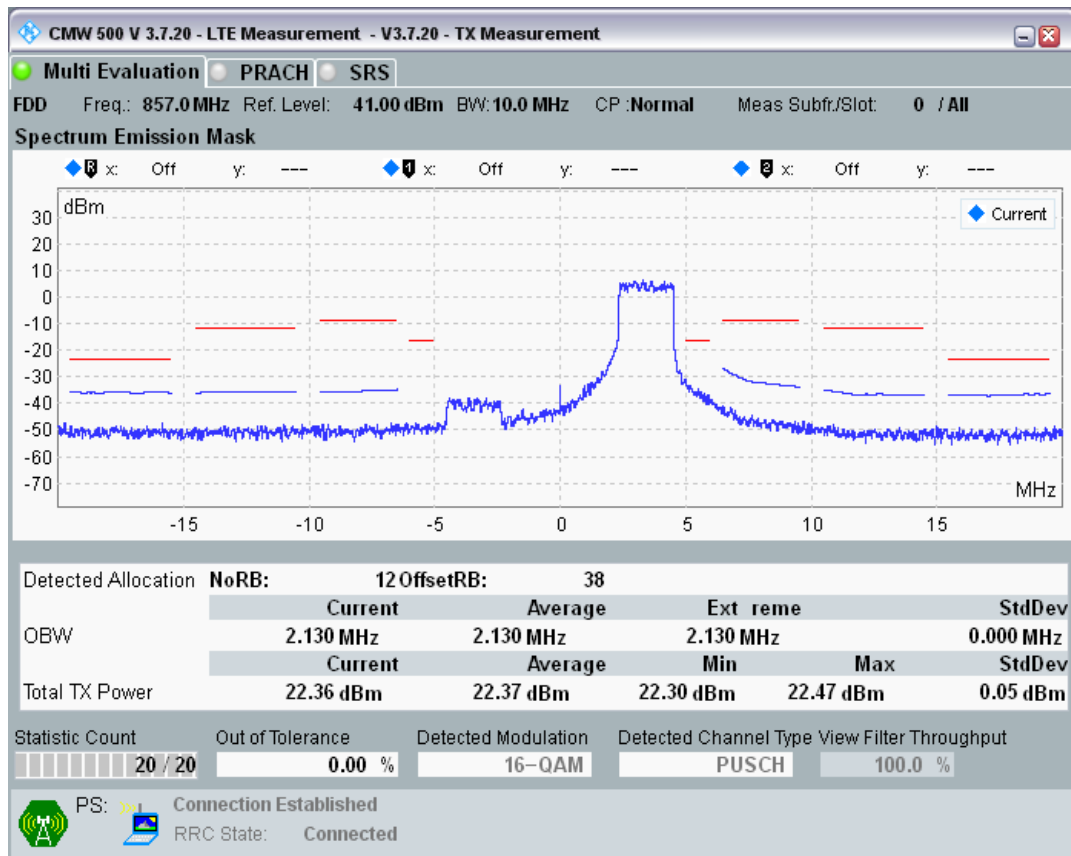
Band20 QPSK BW=10MHz Channel=24400 RB Size=50 Position=#0



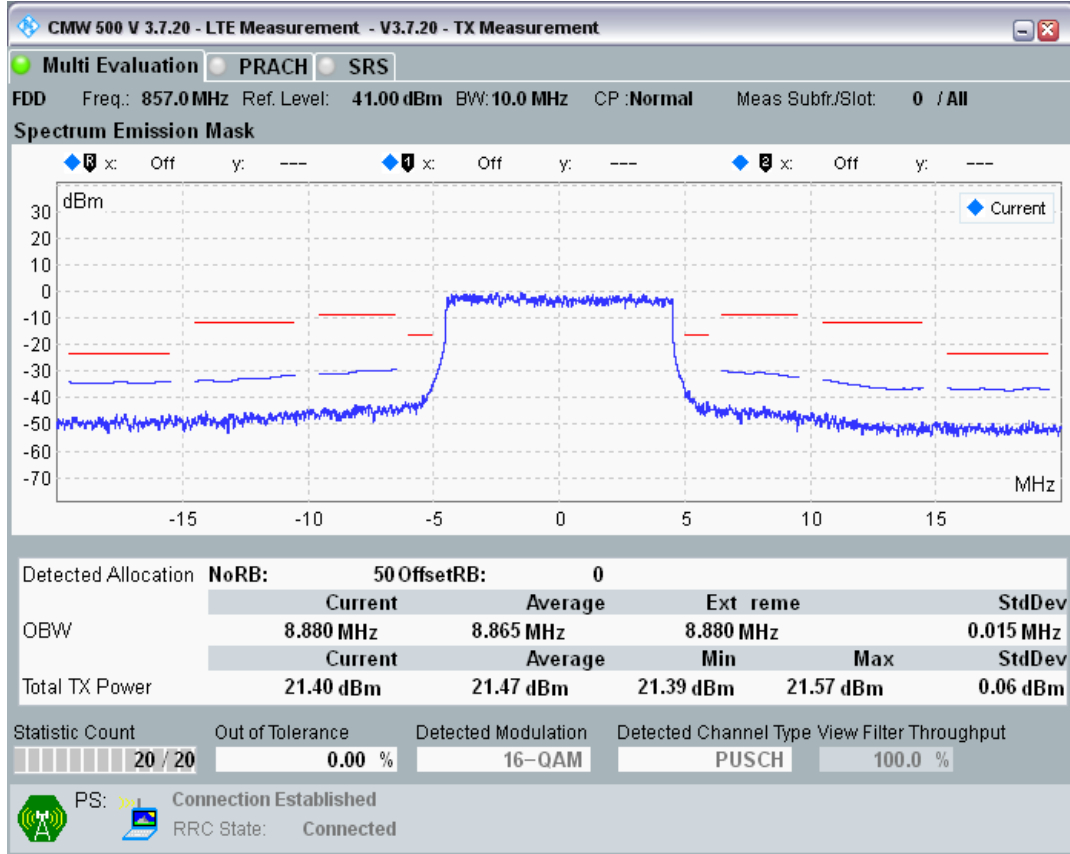
Band20 16QAM BW=10MHz Channel=24400 RB Size=12 Position=#0



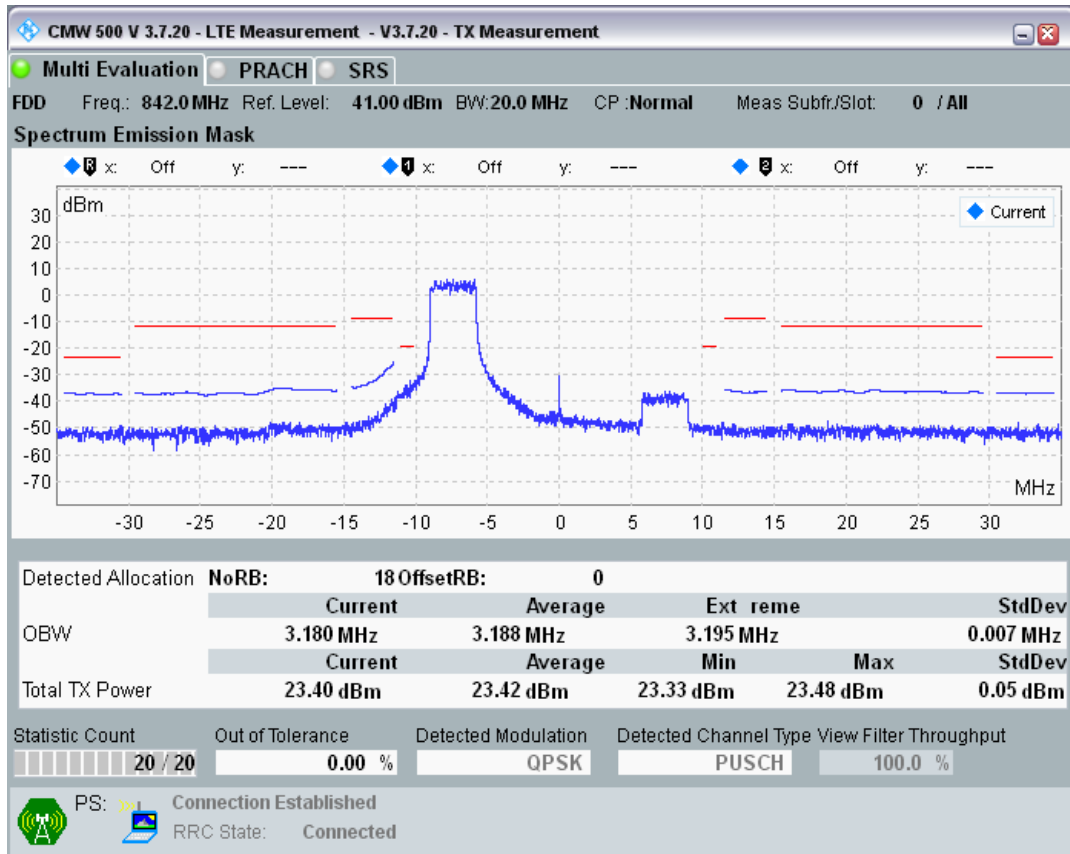
Band20 16QAM BW=10MHz Channel=24400 RB Size=12 Position=#Max



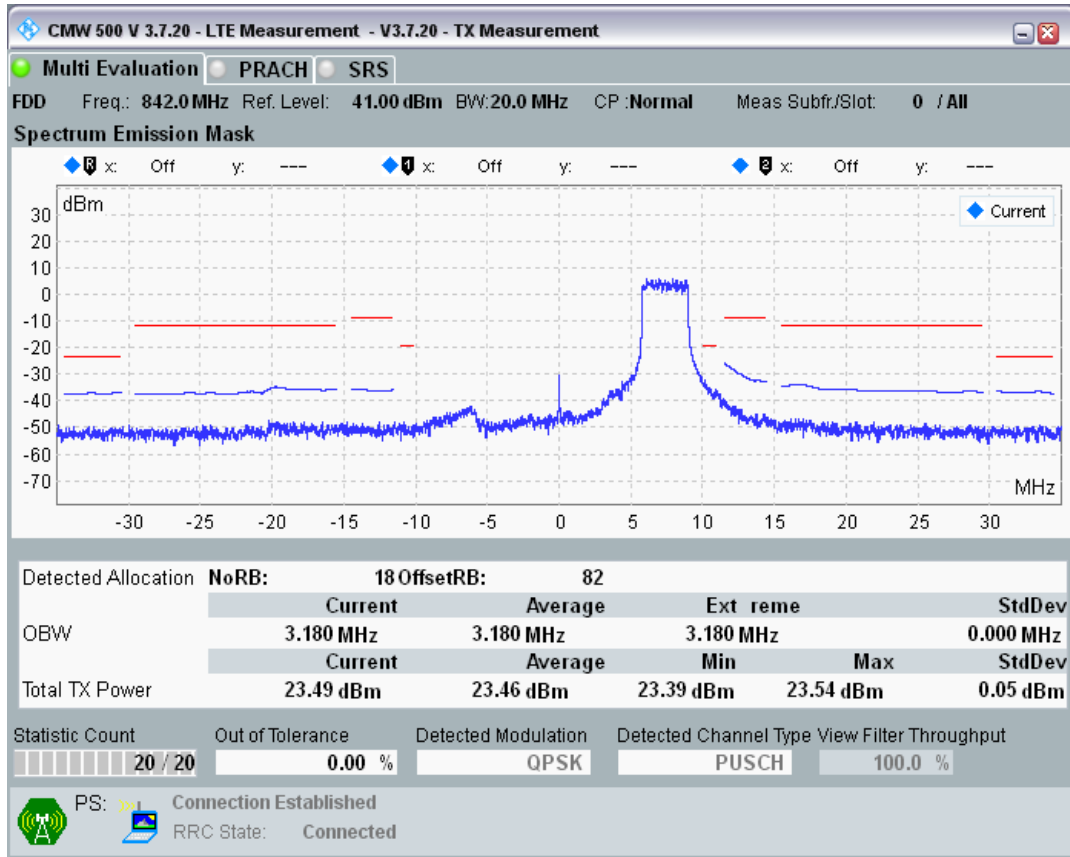
Band20 16QAM BW=10MHz Channel=24400 RB Size=50 Position=#0



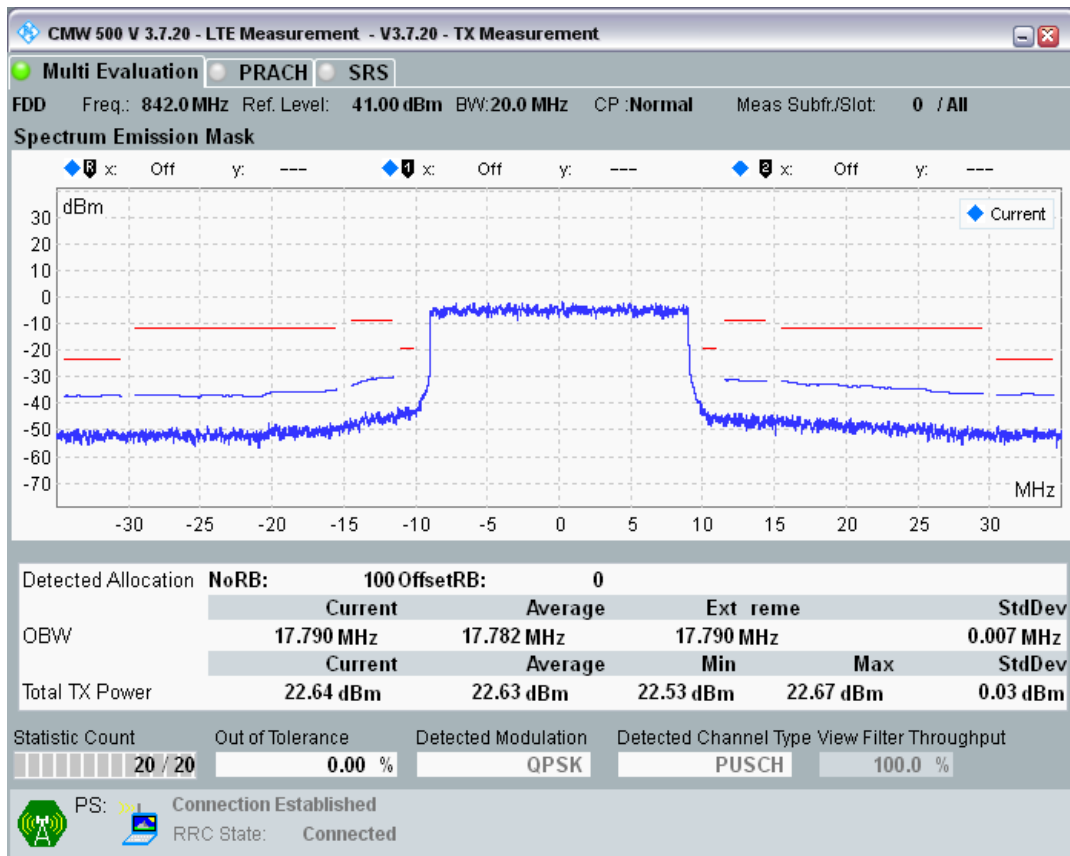
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#0



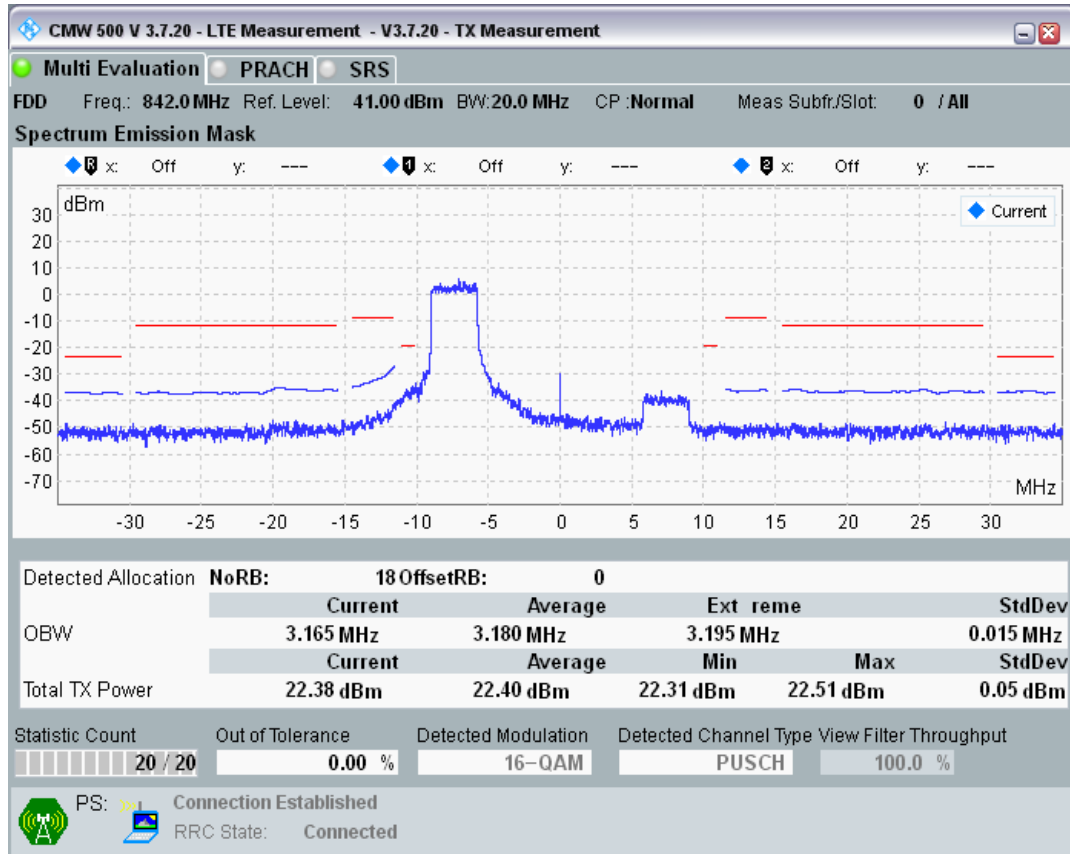
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#Max



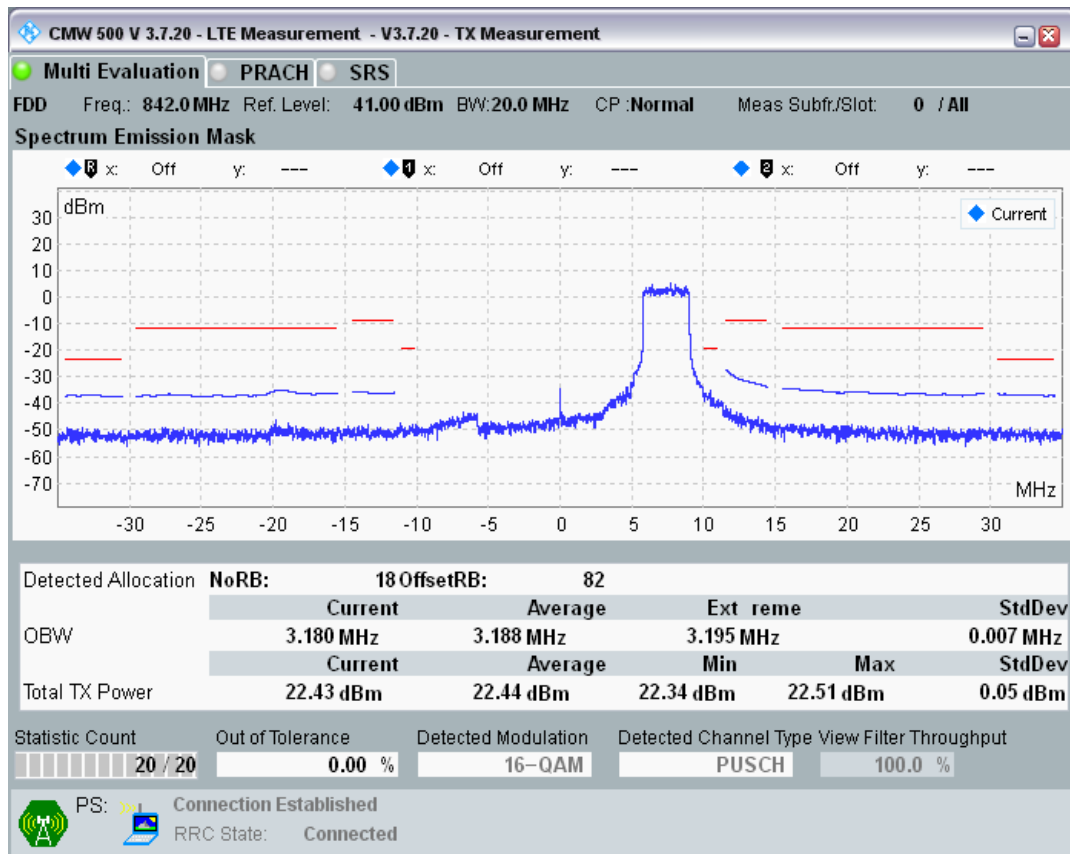
Band20 QPSK BW=20MHz Channel=24250 RB Size=100 Position=#0



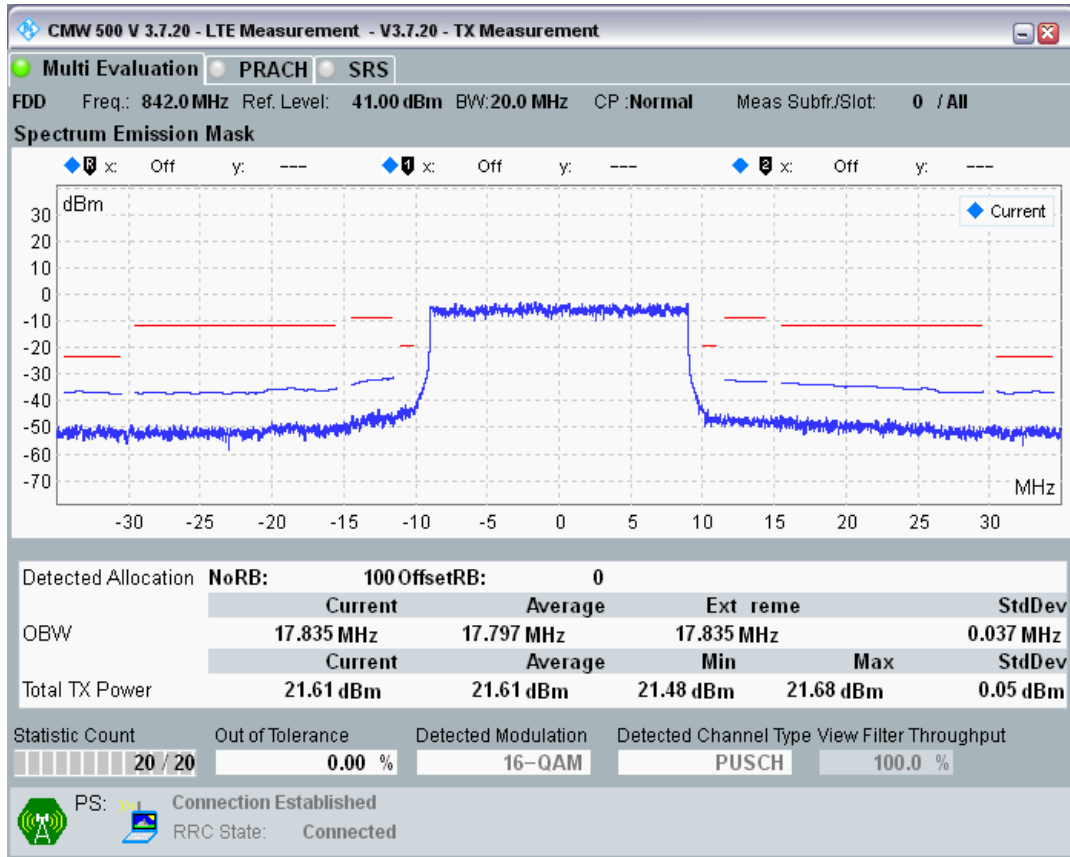
Band20 16QAM BW=20MHz Channel=24250 RB Size=18 Position=#0



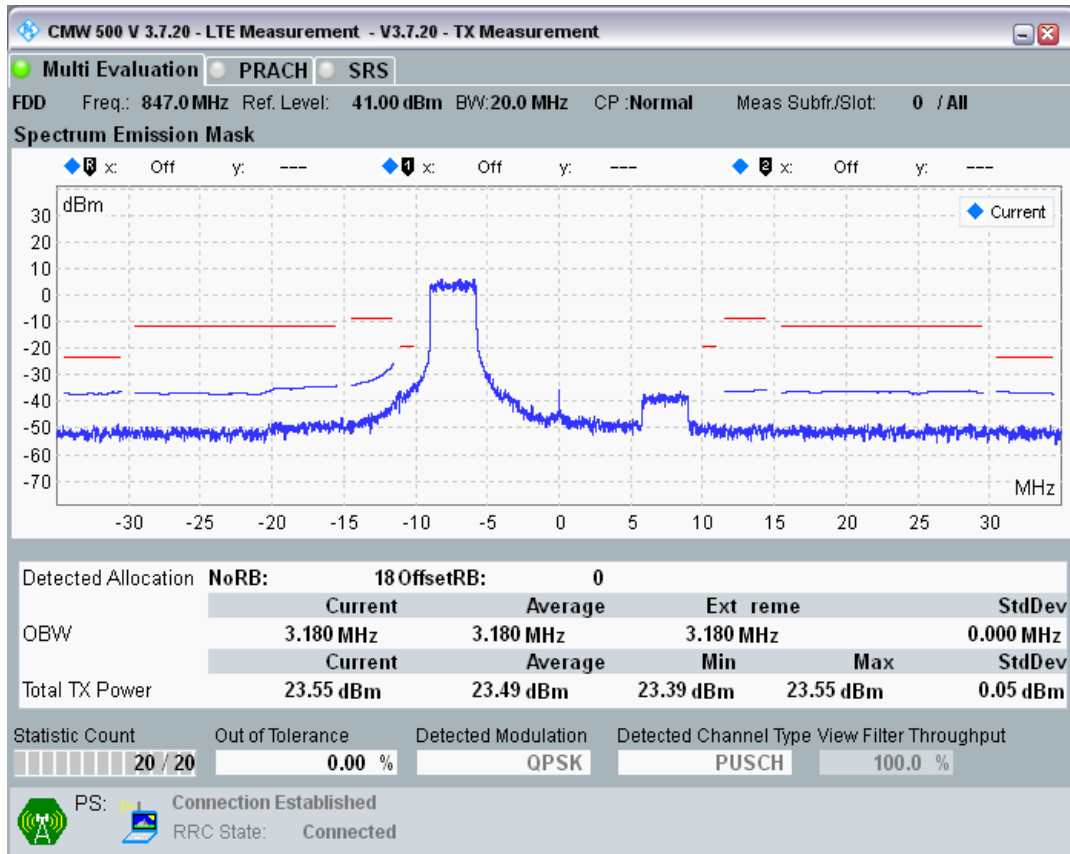
Band20 16QAM BW=20MHz Channel=24250 RB Size=18 Position=#Max



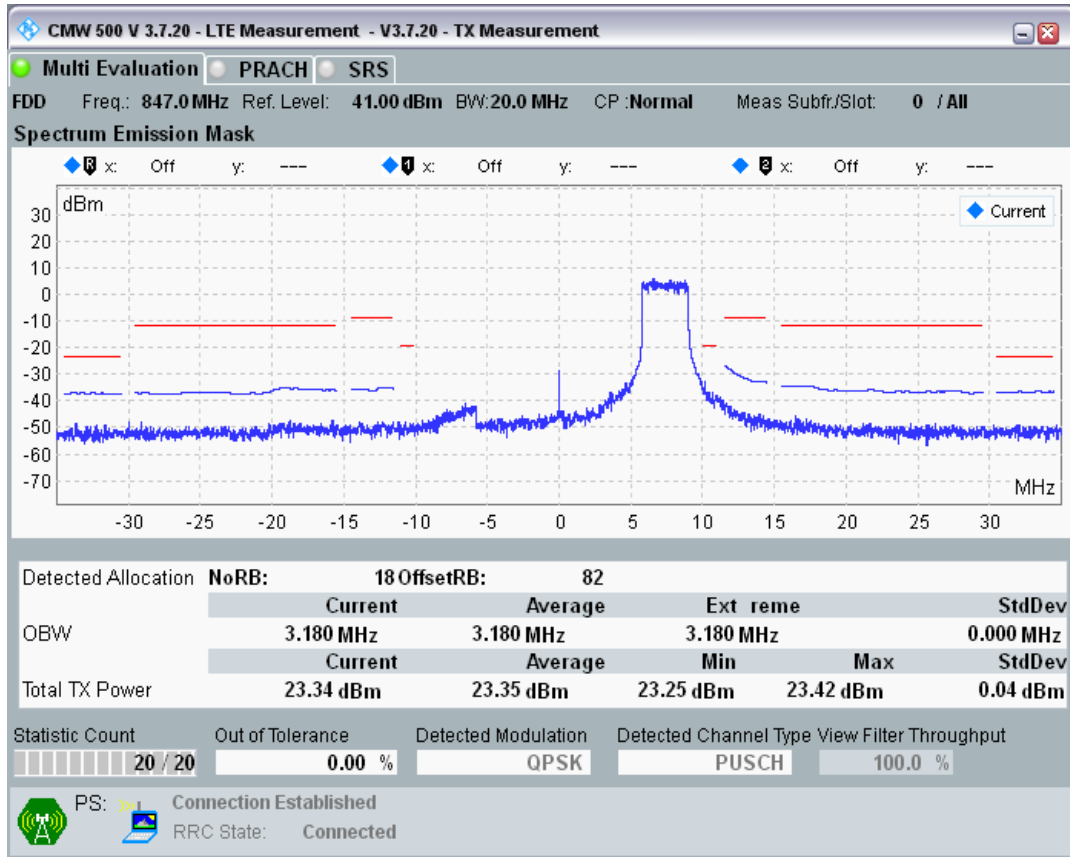
Band20 16QAM BW=20MHz Channel=24250 RB Size=100 Position=#0



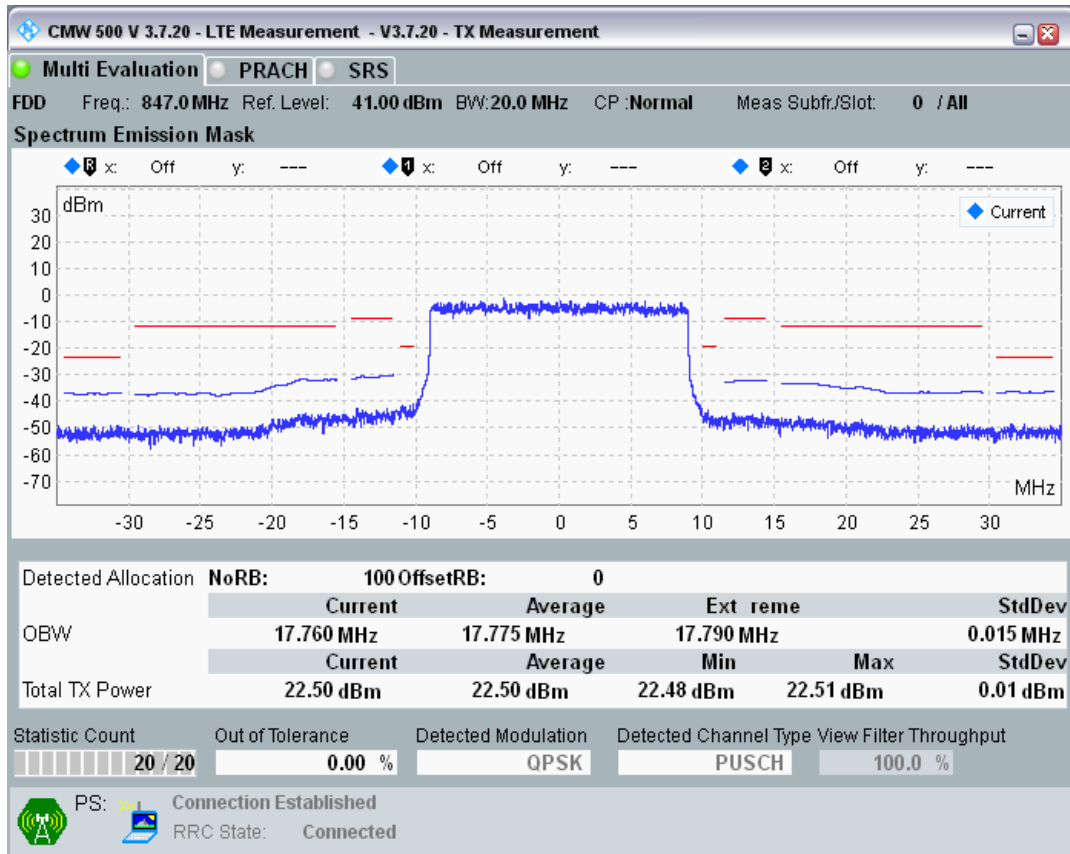
Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#0



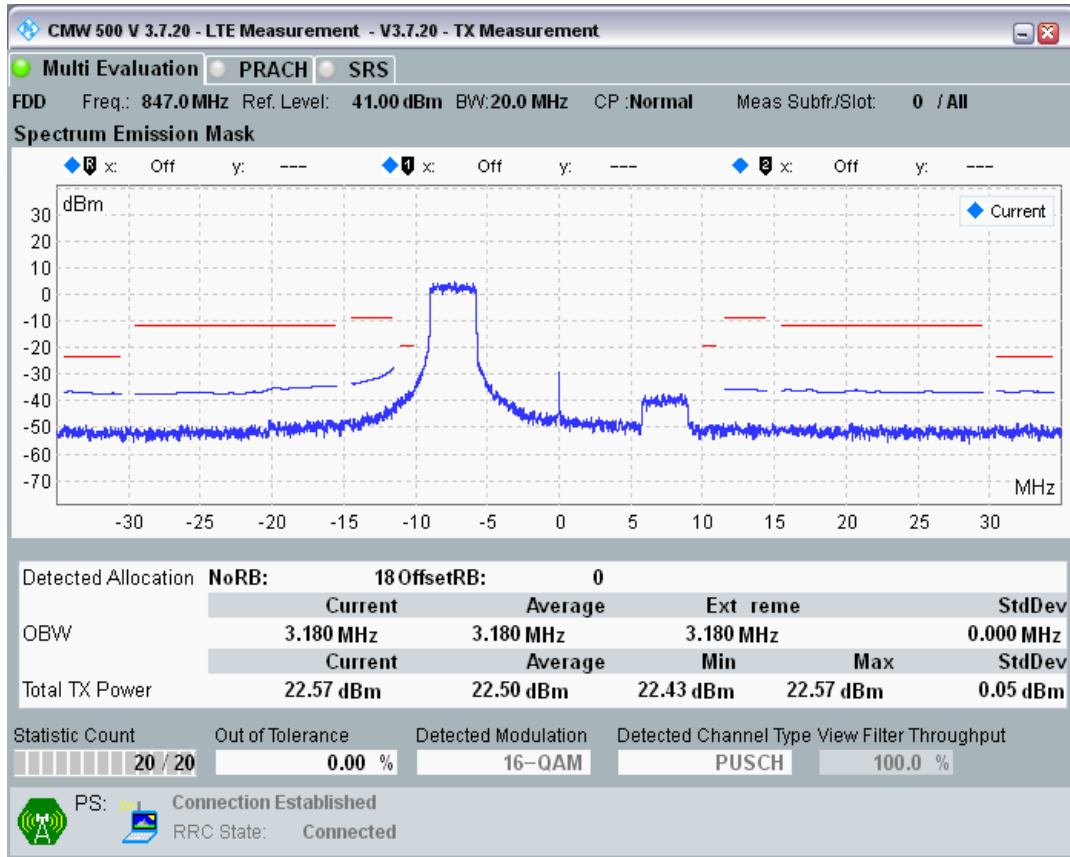
Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#Max



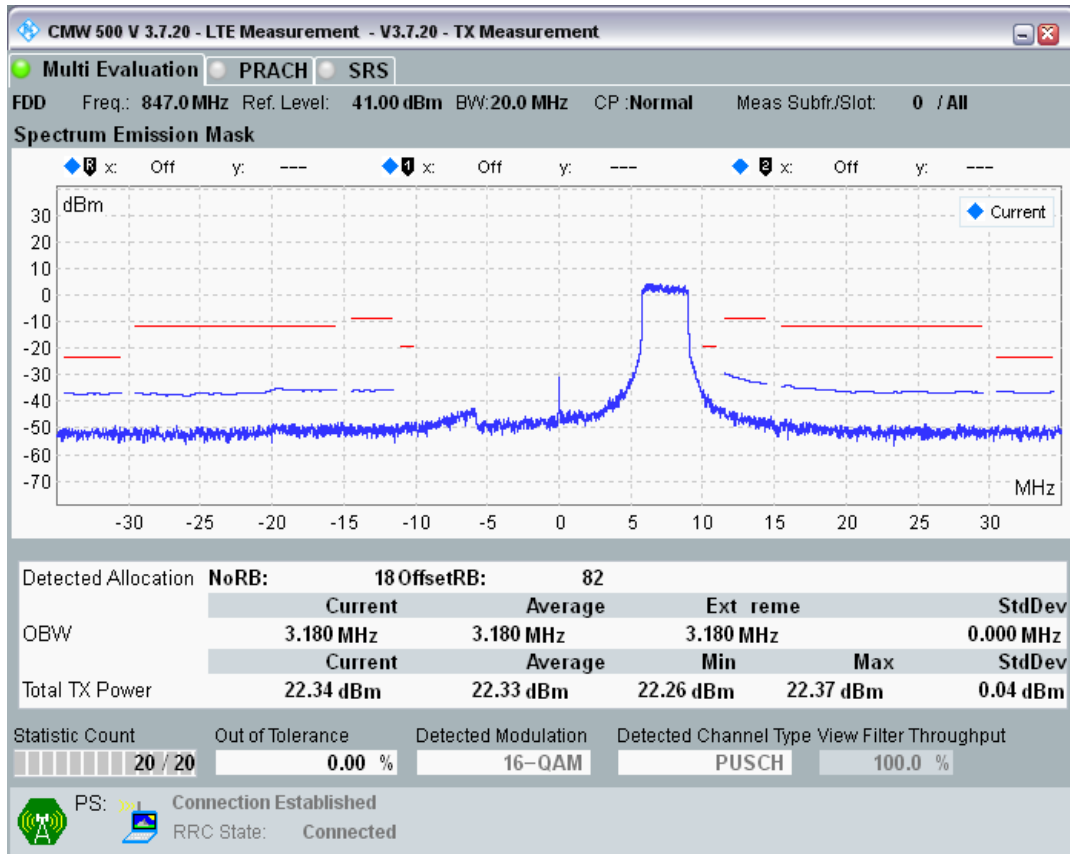
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0



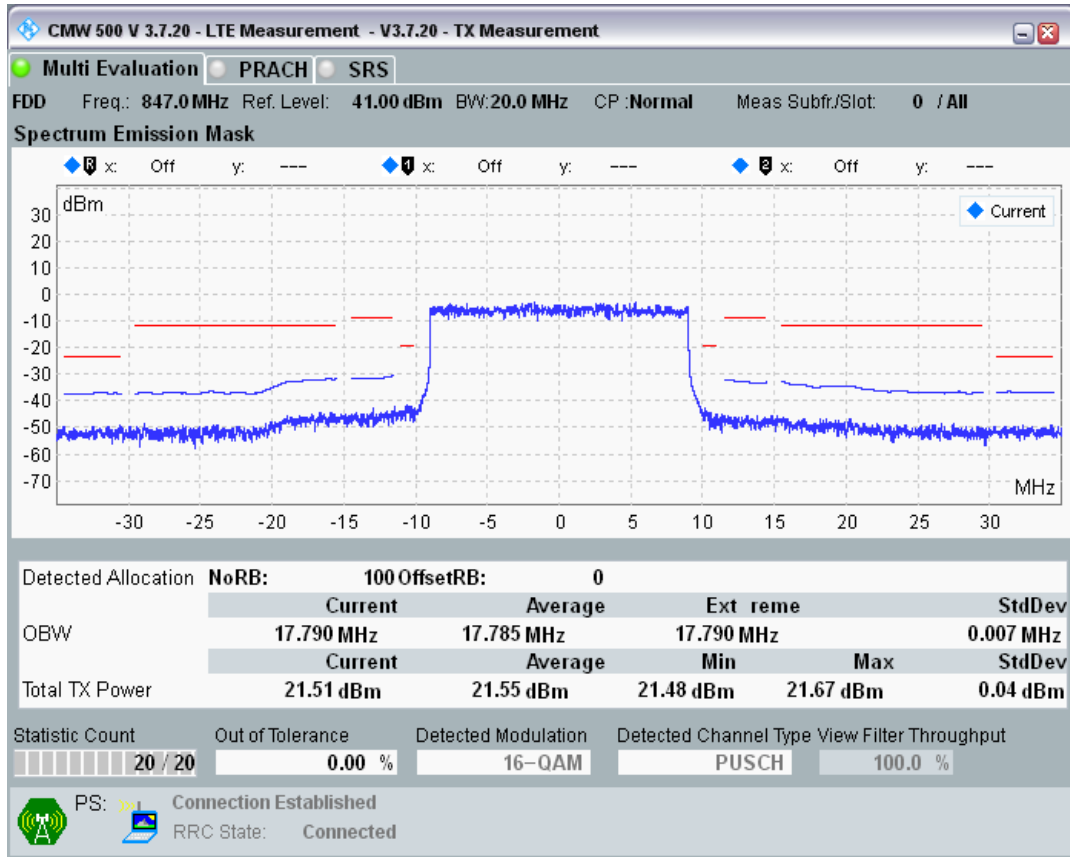
Band20 16QAM BW=20MHz Channel=24300 RB Size=18 Position=#0



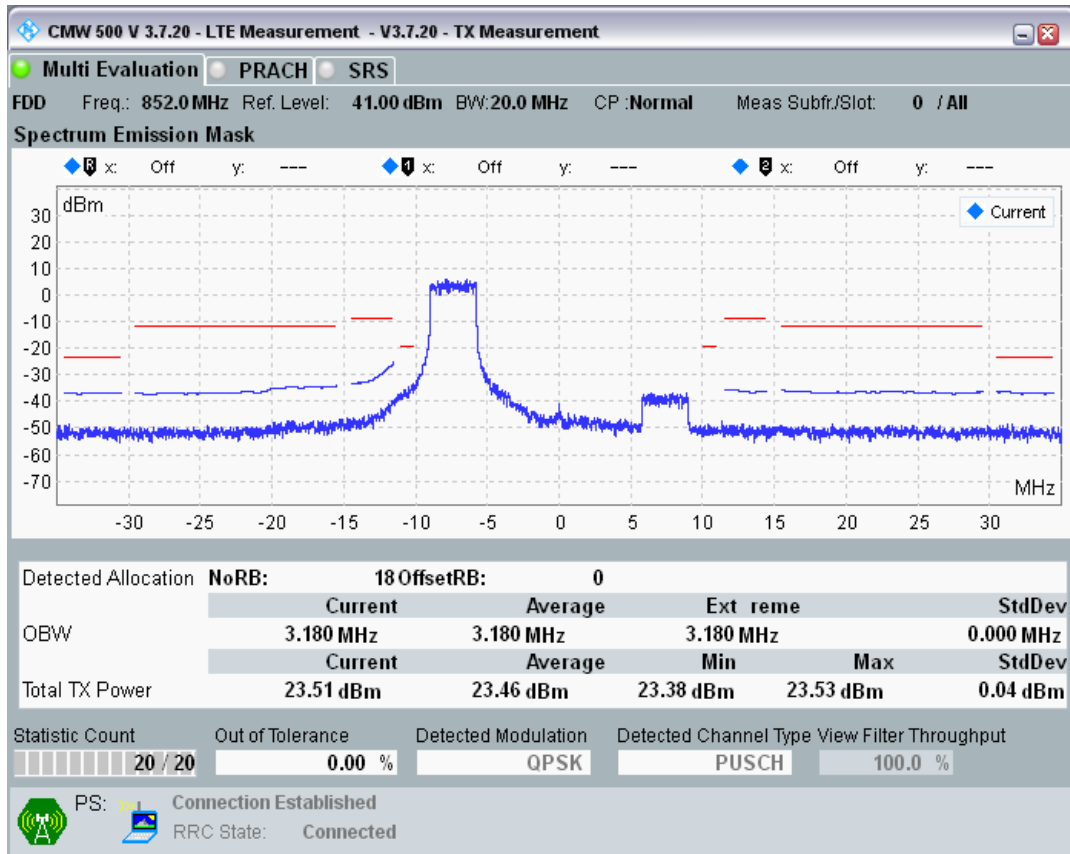
Band20 16QAM BW=20MHz Channel=24300 RB Size=18 Position=#Max



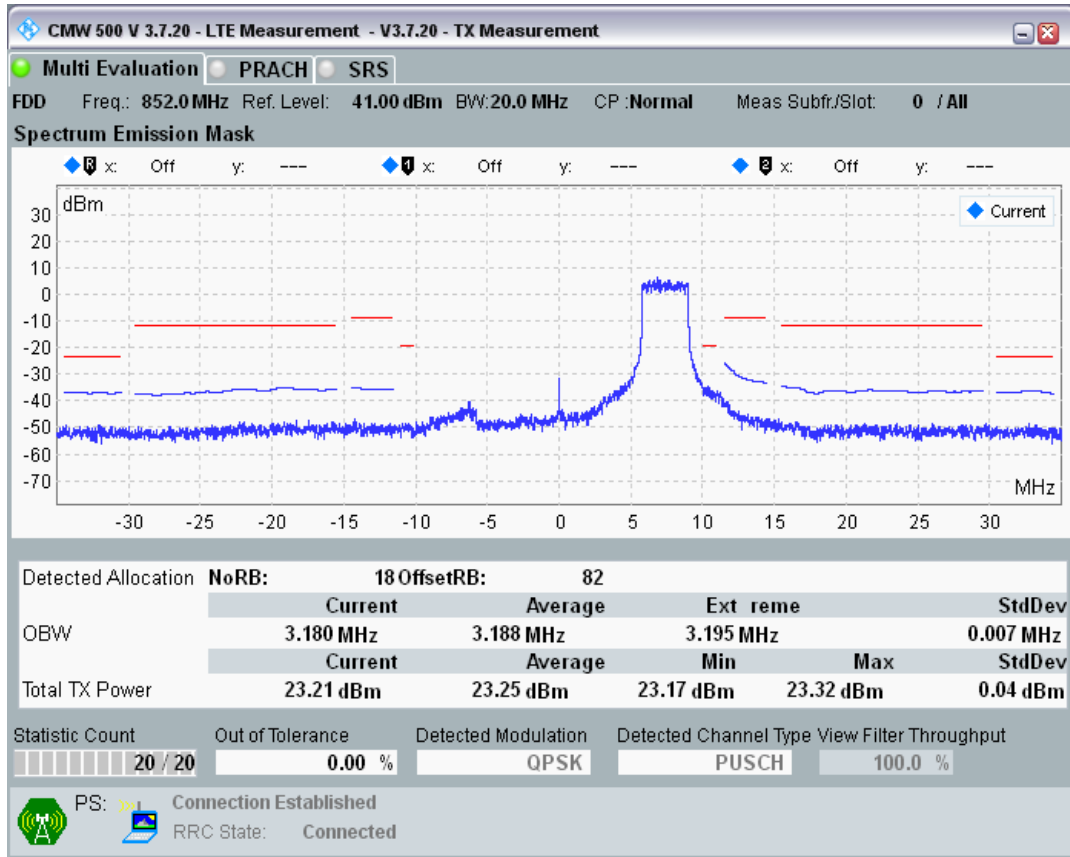
Band20 16QAM BW=20MHz Channel=24300 RB Size=100 Position=#0



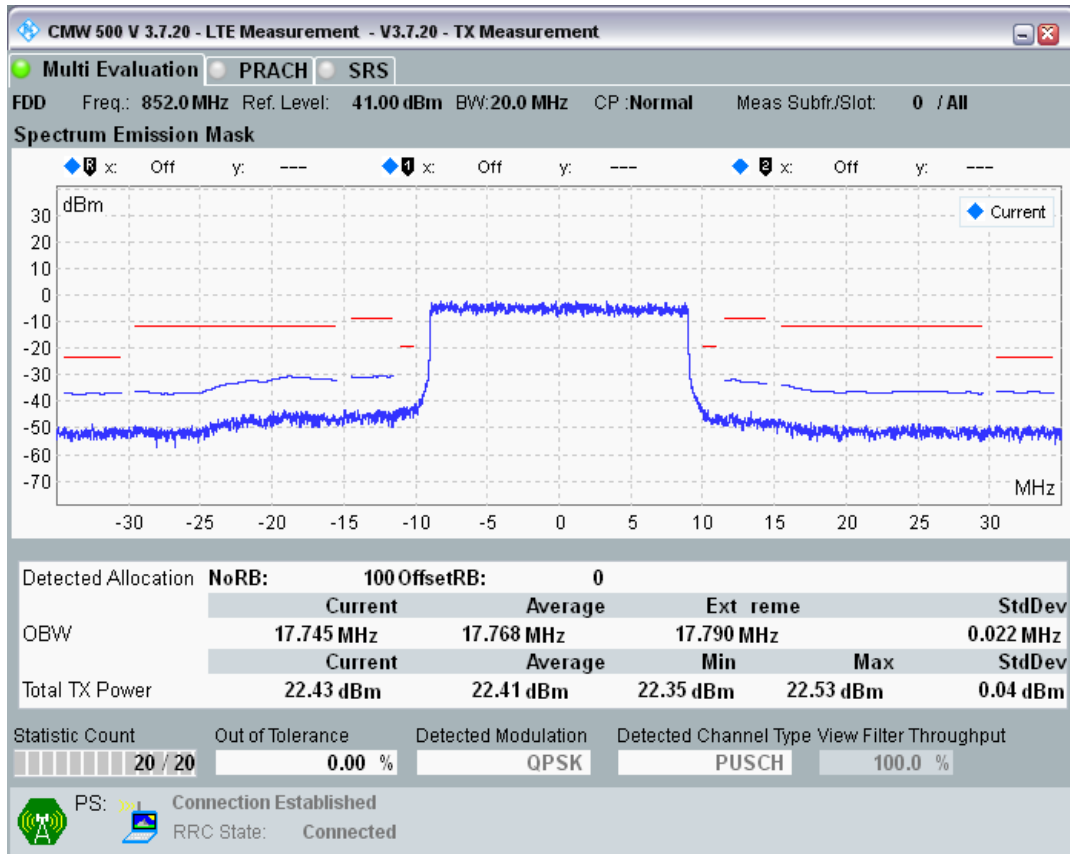
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#0



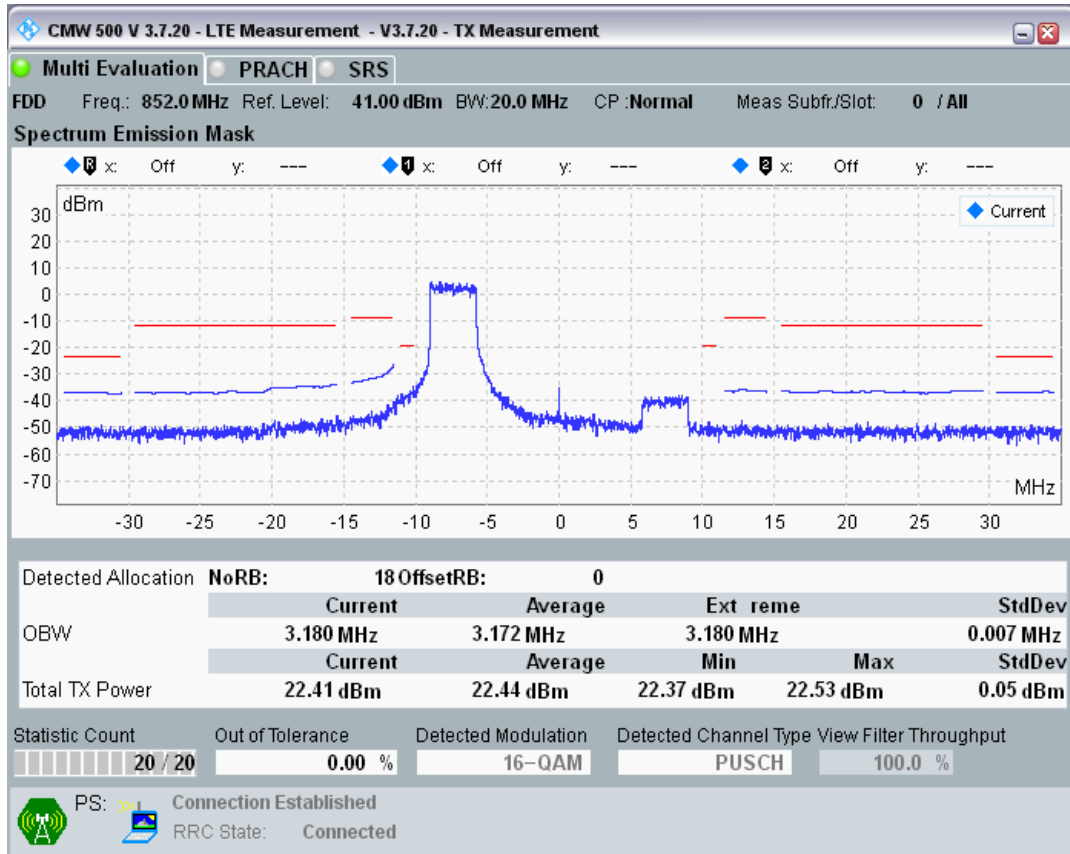
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#Max



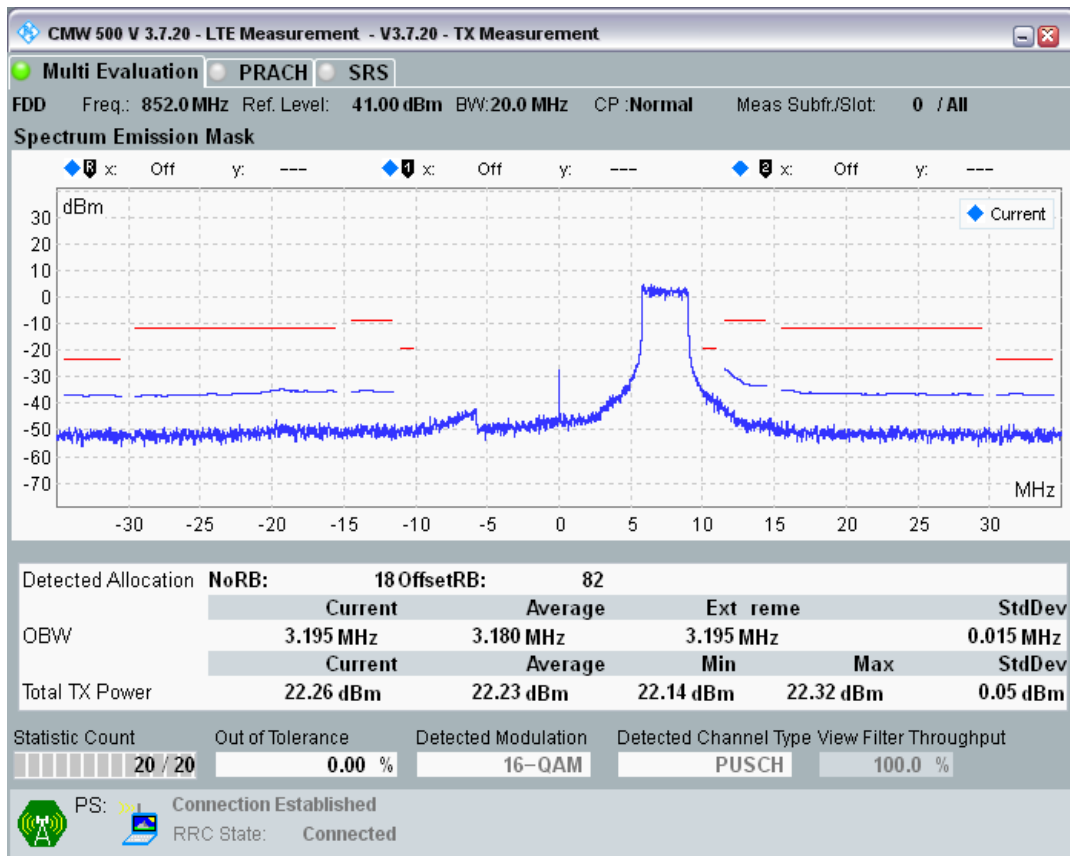
Band20 QPSK BW=20MHz Channel=24350 RB Size=100 Position=#0



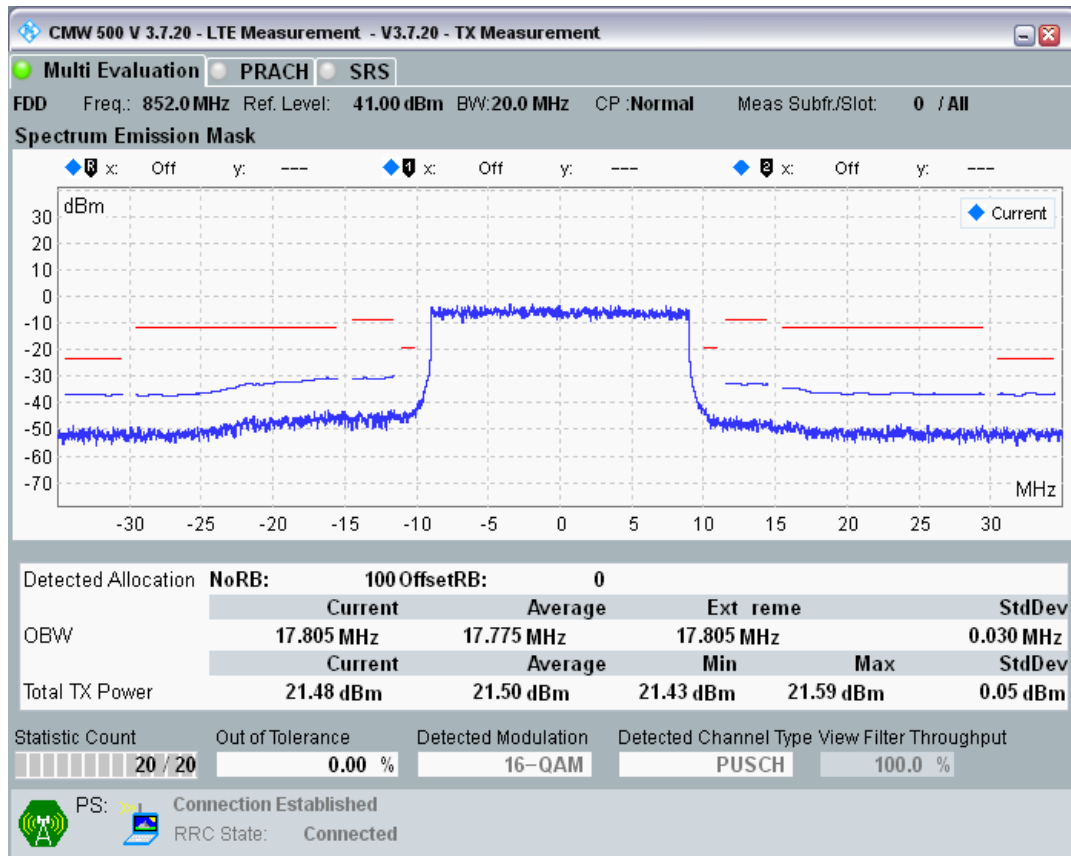
Band20 16QAM BW=20MHz Channel=24350 RB Size=18 Position=#0



Band20 16QAM BW=20MHz Channel=24350 RB Size=18 Position=#Max



Band20 16QAM BW=20MHz Channel=24350 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
Band20	5	24175	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-51.74	-36	PASS
Band20	5	24175	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.69	-56.87	-36	PASS
Band20	5	24175	1	#0	QPSK	30 MHz-822.00 MHz	100 kHz	730.52	-60.11	-36	PASS
Band20	5	24175	1	#0	QPSK	847.00 MHz-1000 MHz	100 kHz	849.45	-62.20	-30	PASS
Band20	5	24175	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1019.00	-60.76	-30	PASS
Band20	5	24175	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5257.50	-51.62	-30	PASS
Band20	5	24175	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2140.60	-58.44	-50	PASS
Band20	5	24175	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1864.78	-58.71	-50	PASS
Band20	5	24175	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2658.43	-57.31	-50	PASS
Band20	5	24175	1	#0	QPSK	925 MHz-960 MHz	1 MHz	947.82	-59.19	-50	PASS
Band20	5	24175	1	#0	QPSK	791 MHz-821 MHz	1 MHz	800.51	-58.99	-50	PASS
Band20	5	24175	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3586.40	-57.65	-50	PASS
Band20	5	24175	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.69	-59.42	-50	PASS
Band20	5	24175	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1481.04	-58.74	-50	PASS

						MHz					
Band20	5	24175	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1919.36	-58.43	-50	PASS
Band20	5	24175	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.17	-58.40	-50	PASS
Band20	5	24175	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.75	-57.30	-50	PASS
Band20	5	24175	1	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2387.20	-58.17	-50	PASS
Band20	5	24175	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3594.20	-57.38	-50	PASS
Band20	5	24175	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.66	-50	PASS
Band20	5	24175	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2157.43	-58.43	-50	PASS
Band20	5	24175	1	#0	QPSK	738 MHz-758 MHz	1 MHz	755.22	-58.69	-50	PASS
Band20	5	24175	1	#0	QPSK	753 MHz-783 MHz	1 MHz	782.19	-58.51	-50	PASS
Band20	5	24175	1	#0	QPSK	758 MHz-788 MHz	1 MHz	787.73	-58.47	-50	PASS
Band20	5	24175	1	#0	QPSK	470 MHz-790 MHz	8 MHz	766.64	-70.73	-50	PASS
Band20	5	24175	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-53.15	-36	PASS
Band20	5	24175	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.24	-55.51	-36	PASS
Band20	5	24175	1	#Max	QPSK	30 MHz-822.00 MHz	100 kHz	805.76	-60.15	-36	PASS
Band20	5	24175	1	#Max	QPSK	847.00 MHz-1000 MHz	100 kHz	934.52	-62.56	-30	PASS
Band20	5	24175	1	#Max	QPSK	1000 MHz-1500 MHz	1 MHz	1030.50	-60.85	-30	PASS

Band20	5	24175	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	6525.29	-53.81	-30	PASS
Band20	5	24175	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2134.90	-58.46	-50	PASS
Band20	5	24175	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1878.95	-58.67	-50	PASS
Band20	5	24175	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2665.22	-57.29	-50	PASS
Band20	5	24175	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	933.82	-59.20	-50	PASS
Band20	5	24175	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	797.75	-58.92	-50	PASS
Band20	5	24175	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3587.52	-57.54	-50	PASS
Band20	5	24175	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.98	-59.32	-50	PASS
Band20	5	24175	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1487.42	-58.75	-50	PASS
Band20	5	24175	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1916.32	-58.42	-50	PASS
Band20	5	24175	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2014.52	-58.35	-50	PASS
Band20	5	24175	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2619.75	-57.32	-50	PASS
Band20	5	24175	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2384.40	-58.03	-50	PASS
Band20	5	24175	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3594.60	-57.47	-50	PASS
Band20	5	24175	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.71	-50	PASS

Band20	5	24175	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2132.77	-58.36	-50	PASS
Band20	5	24175	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	757.28	-58.72	-50	PASS
Band20	5	24175	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	781.35	-58.49	-50	PASS
Band20	5	24175	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	787.19	-58.47	-50	PASS
Band20	5	24175	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	767.60	-70.64	-50	PASS
Band20	5	24175	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-50.95	-36	PASS
Band20	5	24175	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.23	-56.08	-36	PASS
Band20	5	24175	25	#0	QPSK	30 MHz-822.00 MHz	100 kHz	797.76	-60.32	-36	PASS
Band20	5	24175	25	#0	QPSK	847.00 MHz-1000 MHz	100 kHz	847.77	-49.61	-30	PASS
Band20	5	24175	25	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1031.00	-61.17	-30	PASS
Band20	5	24175	25	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	2457.98	-50.76	-30	PASS
Band20	5	24175	25	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2159.98	-58.41	-50	PASS
Band20	5	24175	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1872.05	-58.60	-50	PASS
Band20	5	24175	25	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2670.82	-57.28	-50	PASS
Band20	5	24175	25	#0	QPSK	925 MHz-960 MHz	1 MHz	926.89	-59.21	-50	PASS
Band20	5	24175	25	#0	QPSK	791 MHz-821 MHz	1 MHz	792.47	-59.03	-50	PASS
Band20	5	24175	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.24	-57.56	-50	PASS

Band20	5	24175	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.00	-59.39	-50	PASS
Band20	5	24175	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1492.48	-58.77	-50	PASS
Band20	5	24175	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1915.94	-58.30	-50	PASS
Band20	5	24175	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2012.25	-58.39	-50	PASS
Band20	5	24175	25	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.70	-57.34	-50	PASS
Band20	5	24175	25	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2366.00	-58.13	-50	PASS
Band20	5	24175	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3594.60	-57.51	-50	PASS
Band20	5	24175	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3674.80	-57.72	-50	PASS
Band20	5	24175	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2135.65	-58.41	-50	PASS
Band20	5	24175	25	#0	QPSK	738 MHz-758 MHz	1 MHz	757.34	-58.73	-50	PASS
Band20	5	24175	25	#0	QPSK	753 MHz-783 MHz	1 MHz	775.56	-58.49	-50	PASS
Band20	5	24175	25	#0	QPSK	758 MHz-788 MHz	1 MHz	784.58	-58.44	-50	PASS
Band20	5	24175	25	#0	QPSK	470 MHz-790 MHz	8 MHz	775.60	-69.78	-50	PASS
Band20	5	24175	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.83	-36	PASS
Band20	5	24175	1	#0	16QAM	150 kHz-30 MHz	10 kHz	6.44	-57.32	-36	PASS
Band20	5	24175	1	#0	16QAM	30 MHz-822.00 MHz	100 kHz	783.75	-60.50	-36	PASS
Band20	5	24175	1	#0	16QAM	847.00	100	847.31	-62.55	-30	PASS

						MHz-1000 MHz	kHz				
Band20	5	24175	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1017.00	-60.95	-30	PASS
Band20	5	24175	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5995.67	-53.87	-30	PASS
Band20	5	24175	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2148.70	-58.40	-50	PASS
Band20	5	24175	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1874.30	-58.68	-50	PASS
Band20	5	24175	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2648.28	-57.30	-50	PASS
Band20	5	24175	1	#0	16QAM	925 MHz-960 MHz	1 MHz	927.03	-59.18	-50	PASS
Band20	5	24175	1	#0	16QAM	791 MHz-821 MHz	1 MHz	791.45	-59.01	-50	PASS
Band20	5	24175	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.28	-57.63	-50	PASS
Band20	5	24175	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.29	-59.35	-50	PASS
Band20	5	24175	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1490.28	-58.71	-50	PASS
Band20	5	24175	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1918.04	-58.39	-50	PASS
Band20	5	24175	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2020.19	-58.39	-50	PASS
Band20	5	24175	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2585.25	-50.78	-50	PASS
Band20	5	24175	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2377.20	-58.08	-50	PASS
Band20	5	24175	1	#0	16QAM	3400	1	3595.60	-57.46	-50	PASS

						MHz-3600 MHz	MHz				
Band20	5	24175	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-57.74	-50	PASS
Band20	5	24175	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2140.33	-58.42	-50	PASS
Band20	5	24175	1	#0	16QAM	738 MHz-758 MHz	1 MHz	757.94	-58.63	-50	PASS
Band20	5	24175	1	#0	16QAM	753 MHz-783 MHz	1 MHz	777.48	-58.45	-50	PASS
Band20	5	24175	1	#0	16QAM	758 MHz-788 MHz	1 MHz	785.24	-58.40	-50	PASS
Band20	5	24175	1	#0	16QAM	470 MHz-790 MHz	8 MHz	766.64	-70.59	-50	PASS
Band20	5	24175	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.12	-50.92	-36	PASS
Band20	5	24175	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.62	-36	PASS
Band20	5	24175	1	#Max	16QAM	30 MHz-822.00 MHz	100 kHz	772.10	-60.27	-36	PASS
Band20	5	24175	1	#Max	16QAM	847.00 MHz-1000 MHz	100 kHz	848.68	-62.45	-30	PASS
Band20	5	24175	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1032.00	-61.06	-30	PASS
Band20	5	24175	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	5912.60	-53.85	-30	PASS
Band20	5	24175	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2139.70	-58.42	-50	PASS
Band20	5	24175	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1877.75	-58.55	-50	PASS
Band20	5	24175	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2655.00	-57.25	-50	PASS
Band20	5	24175	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	928.26	-59.18	-50	PASS

Band20	5	24175	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	796.88	-58.97	-50	PASS
Band20	5	24175	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3588.40	-57.61	-50	PASS
Band20	5	24175	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.22	-59.37	-50	PASS
Band20	5	24175	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1471.32	-58.70	-50	PASS
Band20	5	24175	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1916.90	-58.35	-50	PASS
Band20	5	24175	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2013.69	-58.33	-50	PASS
Band20	5	24175	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2617.00	-57.31	-50	PASS
Band20	5	24175	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2385.00	-58.06	-50	PASS
Band20	5	24175	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3508.00	-56.32	-50	PASS
Band20	5	24175	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.80	-57.73	-50	PASS
Band20	5	24175	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2145.10	-58.48	-50	PASS
Band20	5	24175	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	754.38	-58.73	-50	PASS
Band20	5	24175	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	781.56	-58.51	-50	PASS
Band20	5	24175	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	783.02	-58.41	-50	PASS
Band20	5	24175	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	762.80	-70.74	-50	PASS
Band20	5	24175	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.56	-36	PASS
Band20	5	24175	25	#0	16QAM	150 kHz-30	10	0.35	-58.20	-36	PASS

						MHz	kHz				
Band20	5	24175	25	#0	16QAM	30 MHz-822.00 MHz	100 kHz	797.84	-60.54	-36	PASS
Band20	5	24175	25	#0	16QAM	847.00 MHz-1000 MHz	100 kHz	847.15	-51.66	-30	PASS
Band20	5	24175	25	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1025.00	-61.57	-30	PASS
Band20	5	24175	25	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	6599.71	-53.94	-30	PASS
Band20	5	24175	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2140.00	-58.39	-50	PASS
Band20	5	24175	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1866.43	-58.63	-50	PASS
Band20	5	24175	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2653.81	-57.28	-50	PASS
Band20	5	24175	25	#0	16QAM	925 MHz-960 MHz	1 MHz	932.21	-58.57	-50	PASS
Band20	5	24175	25	#0	16QAM	791 MHz-821 MHz	1 MHz	805.79	-59.06	-50	PASS
Band20	5	24175	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.68	-57.56	-50	PASS
Band20	5	24175	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	465.53	-59.33	-50	PASS
Band20	5	24175	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1478.36	-58.77	-50	PASS
Band20	5	24175	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1911.90	-58.42	-50	PASS
Band20	5	24175	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2024.06	-58.24	-50	PASS
Band20	5	24175	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.60	-57.28	-50	PASS

						MHz					
Band20	5	24175	25	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2398.10	-58.15	-50	PASS
Band20	5	24175	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-57.49	-50	PASS
Band20	5	24175	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-57.72	-50	PASS
Band20	5	24175	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2158.60	-58.41	-50	PASS
Band20	5	24175	25	#0	16QAM	738 MHz-758 MHz	1 MHz	756.32	-58.73	-50	PASS
Band20	5	24175	25	#0	16QAM	753 MHz-783 MHz	1 MHz	782.49	-58.52	-50	PASS
Band20	5	24175	25	#0	16QAM	758 MHz-788 MHz	1 MHz	784.07	-58.45	-50	PASS
Band20	5	24175	25	#0	16QAM	470 MHz-790 MHz	8 MHz	777.20	-70.77	-50	PASS
Band20	5	24300	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.70	-36	PASS
Band20	5	24300	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-57.76	-36	PASS
Band20	5	24300	1	#0	QPSK	30 MHz-834.50 MHz	100 kHz	809.56	-60.29	-36	PASS
Band20	5	24300	1	#0	QPSK	859.50 MHz-1000 MHz	100 kHz	863.86	-62.64	-30	PASS
Band20	5	24300	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1023.50	-60.61	-30	PASS
Band20	5	24300	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	2456.25	-53.19	-30	PASS
Band20	5	24300	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2129.98	-58.51	-50	PASS
Band20	5	24300	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1864.40	-58.56	-50	PASS

Band20	5	24300	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2654.79	-57.34	-50	PASS
Band20	5	24300	1	#0	QPSK	925 MHz-960 MHz	1 MHz	929.69	-58.64	-50	PASS
Band20	5	24300	1	#0	QPSK	791 MHz-821 MHz	1 MHz	797.87	-59.02	-50	PASS
Band20	5	24300	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.92	-57.63	-50	PASS
Band20	5	24300	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	466.41	-59.42	-50	PASS
Band20	5	24300	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1493.62	-58.79	-50	PASS
Band20	5	24300	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1917.90	-58.44	-50	PASS
Band20	5	24300	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2019.60	-58.44	-50	PASS
Band20	5	24300	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.55	-57.33	-50	PASS
Band20	5	24300	1	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2373.80	-58.11	-50	PASS
Band20	5	24300	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-57.48	-50	PASS
Band20	5	24300	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3674.60	-57.77	-50	PASS
Band20	5	24300	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2161.66	-58.47	-50	PASS
Band20	5	24300	1	#0	QPSK	738 MHz-758 MHz	1 MHz	754.92	-58.78	-50	PASS
Band20	5	24300	1	#0	QPSK	753 MHz-783 MHz	1 MHz	779.64	-58.54	-50	PASS
Band20	5	24300	1	#0	QPSK	758 MHz-788 MHz	1 MHz	787.67	-58.49	-50	PASS

Band20	5	24300	1	#0	QPSK	470 MHz-790 MHz	8 MHz	769.20	-69.68	-50	PASS
Band20	5	24300	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.24	-36	PASS
Band20	5	24300	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.48	-57.97	-36	PASS
Band20	5	24300	1	#Max	QPSK	30 MHz-834.50 MHz	100 kHz	833.62	-60.14	-36	PASS
Band20	5	24300	1	#Max	QPSK	859.50 MHz-1000 MHz	100 kHz	881.28	-62.44	-30	PASS
Band20	5	24300	1	#Max	QPSK	1000 MHz-1500 MHz	1 MHz	1038.00	-60.43	-30	PASS
Band20	5	24300	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	6479.42	-53.96	-30	PASS
Band20	5	24300	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2139.88	-58.49	-50	PASS
Band20	5	24300	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1861.48	-58.70	-50	PASS
Band20	5	24300	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2666.97	-57.25	-50	PASS
Band20	5	24300	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	928.78	-58.60	-50	PASS
Band20	5	24300	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	800.69	-59.06	-50	PASS
Band20	5	24300	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3588.96	-57.56	-50	PASS
Band20	5	24300	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.37	-59.39	-50	PASS
Band20	5	24300	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1466.26	-58.77	-50	PASS
Band20	5	24300	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1916.58	-58.41	-50	PASS

Band20	5	24300	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2019.56	-58.43	-50	PASS
Band20	5	24300	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2619.30	-57.37	-50	PASS
Band20	5	24300	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2378.30	-58.21	-50	PASS
Band20	5	24300	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3598.00	-57.37	-50	PASS
Band20	5	24300	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.55	-50	PASS
Band20	5	24300	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2134.66	-58.48	-50	PASS
Band20	5	24300	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	751.30	-58.70	-50	PASS
Band20	5	24300	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	773.16	-58.50	-50	PASS
Band20	5	24300	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	785.51	-58.43	-50	PASS
Band20	5	24300	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	776.56	-67.89	-50	PASS
Band20	5	24300	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-52.11	-36	PASS
Band20	5	24300	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.36	-58.69	-36	PASS
Band20	5	24300	25	#0	QPSK	30 MHz-834.50 MHz	100 kHz	833.62	-51.41	-36	PASS
Band20	5	24300	25	#0	QPSK	859.50 MHz-1000 MHz	100 kHz	860.34	-52.99	-30	PASS
Band20	5	24300	25	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1039.50	-60.93	-30	PASS
Band20	5	24300	25	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5947.21	-53.93	-30	PASS
Band20	5	24300	25	#0	QPSK	2110	1	2159.92	-58.50	-50	PASS

						MHz-2170 MHz	MHz				
Band20	5	24300	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1873.03	-58.68	-50	PASS
Band20	5	24300	25	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2652.41	-57.36	-50	PASS
Band20	5	24300	25	#0	QPSK	925 MHz-960 MHz	1 MHz	944.99	-58.61	-50	PASS
Band20	5	24300	25	#0	QPSK	791 MHz-821 MHz	1 MHz	792.80	-59.09	-50	PASS
Band20	5	24300	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.16	-57.64	-50	PASS
Band20	5	24300	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	466.05	-59.45	-50	PASS
Band20	5	24300	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1488.70	-58.77	-50	PASS
Band20	5	24300	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1919.80	-58.37	-50	PASS
Band20	5	24300	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2019.72	-58.43	-50	PASS
Band20	5	24300	25	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-57.35	-50	PASS
Band20	5	24300	25	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2395.40	-58.20	-50	PASS
Band20	5	24300	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.00	-57.45	-50	PASS
Band20	5	24300	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-57.71	-50	PASS
Band20	5	24300	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2147.08	-58.41	-50	PASS
Band20	5	24300	25	#0	QPSK	738 MHz-758	1	756.28	-58.73	-50	PASS

						MHz	MHz				
Band20	5	24300	25	#0	QPSK	753 MHz-783 MHz	1 MHz	781.14	-58.55	-50	PASS
Band20	5	24300	25	#0	QPSK	758 MHz-788 MHz	1 MHz	786.80	-58.52	-50	PASS
Band20	5	24300	25	#0	QPSK	470 MHz-790 MHz	8 MHz	764.72	-70.24	-50	PASS
Band20	5	24300	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.11	-50.54	-36	PASS
Band20	5	24300	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-58.11	-36	PASS
Band20	5	24300	1	#0	16QAM	30 MHz-834.50 MHz	100 kHz	803.37	-60.41	-36	PASS
Band20	5	24300	1	#0	16QAM	859.50 MHz-1000 MHz	100 kHz	903.90	-62.48	-30	PASS
Band20	5	24300	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1027.00	-61.00	-30	PASS
Band20	5	24300	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5940.29	-53.92	-30	PASS
Band20	5	24300	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2139.94	-58.46	-50	PASS
Band20	5	24300	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1874.98	-58.66	-50	PASS
Band20	5	24300	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2669.70	-57.32	-50	PASS
Band20	5	24300	1	#0	16QAM	925 MHz-960 MHz	1 MHz	930.18	-58.61	-50	PASS
Band20	5	24300	1	#0	16QAM	791 MHz-821 MHz	1 MHz	793.34	-59.00	-50	PASS
Band20	5	24300	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3588.88	-57.62	-50	PASS
Band20	5	24300	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.72	-59.39	-50	PASS
Band20	5	24300	1	#0	16QAM	1452	1	1462.12	-58.77	-50	PASS

						MHz-1496 MHz	MHz				
Band20	5	24300	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1917.70	-58.45	-50	PASS
Band20	5	24300	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2021.13	-58.42	-50	PASS
Band20	5	24300	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2618.50	-57.33	-50	PASS
Band20	5	24300	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2389.80	-58.13	-50	PASS
Band20	5	24300	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.60	-57.49	-50	PASS
Band20	5	24300	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.74	-50	PASS
Band20	5	24300	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2188.48	-58.53	-50	PASS
Band20	5	24300	1	#0	16QAM	738 MHz-758 MHz	1 MHz	756.18	-58.77	-50	PASS
Band20	5	24300	1	#0	16QAM	753 MHz-783 MHz	1 MHz	779.43	-58.56	-50	PASS
Band20	5	24300	1	#0	16QAM	758 MHz-788 MHz	1 MHz	784.46	-58.54	-50	PASS
Band20	5	24300	1	#0	16QAM	470 MHz-790 MHz	8 MHz	769.84	-70.13	-50	PASS
Band20	5	24300	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-52.99	-36	PASS
Band20	5	24300	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.67	-36	PASS
Band20	5	24300	1	#Max	16QAM	30 MHz-834.50 MHz	100 kHz	778.02	-60.56	-36	PASS
Band20	5	24300	1	#Max	16QAM	859.50 MHz-1000 MHz	100 kHz	925.39	-62.56	-30	PASS
Band20	5	24300	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1033.50	-60.73	-30	PASS

						MHz					
Band20	5	24300	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	5908.27	-53.99	-30	PASS
Band20	5	24300	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2160.46	-58.54	-50	PASS
Band20	5	24300	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1873.78	-58.20	-50	PASS
Band20	5	24300	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2667.04	-57.40	-50	PASS
Band20	5	24300	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	927.10	-58.72	-50	PASS
Band20	5	24300	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	799.76	-59.07	-50	PASS
Band20	5	24300	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3588.72	-57.73	-50	PASS
Band20	5	24300	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	466.01	-59.51	-50	PASS
Band20	5	24300	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1458.47	-58.89	-50	PASS
Band20	5	24300	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1918.72	-58.44	-50	PASS
Band20	5	24300	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2016.95	-58.47	-50	PASS
Band20	5	24300	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2617.10	-57.49	-50	PASS
Band20	5	24300	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2376.70	-58.20	-50	PASS
Band20	5	24300	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3598.00	-57.58	-50	PASS
Band20	5	24300	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.75	-50	PASS

						MHz					
Band20	5	24300	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2135.20	-58.58	-50	PASS
Band20	5	24300	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	749.50	-58.76	-50	PASS
Band20	5	24300	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	779.64	-58.64	-50	PASS
Band20	5	24300	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	777.32	-58.52	-50	PASS
Band20	5	24300	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	764.08	-70.56	-50	PASS
Band20	5	24300	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.94	-36	PASS
Band20	5	24300	25	#0	16QAM	150 kHz-30 MHz	10 kHz	0.24	-58.44	-36	PASS
Band20	5	24300	25	#0	16QAM	30 MHz-834.50 MHz	100 kHz	834.50	-51.95	-36	PASS
Band20	5	24300	25	#0	16QAM	859.50 MHz-1000 MHz	100 kHz	859.92	-54.14	-30	PASS
Band20	5	24300	25	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1038.50	-61.46	-30	PASS
Band20	5	24300	25	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5914.33	-53.97	-30	PASS
Band20	5	24300	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2162.92	-58.59	-50	PASS
Band20	5	24300	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1876.63	-58.27	-50	PASS
Band20	5	24300	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2659.55	-57.45	-50	PASS
Band20	5	24300	25	#0	16QAM	925 MHz-960 MHz	1 MHz	927.59	-58.64	-50	PASS
Band20	5	24300	25	#0	16QAM	791 MHz-821 MHz	1 MHz	799.61	-59.13	-50	PASS
Band20	5	24300	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3580.24	-57.72	-50	PASS

						MHz					
Band20	5	24300	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.44	-59.49	-50	PASS
Band20	5	24300	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1467.97	-58.88	-50	PASS
Band20	5	24300	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1908.40	-58.53	-50	PASS
Band20	5	24300	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2019.81	-58.47	-50	PASS
Band20	5	24300	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.35	-57.41	-50	PASS
Band20	5	24300	25	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2392.10	-58.22	-50	PASS
Band20	5	24300	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3598.60	-57.53	-50	PASS
Band20	5	24300	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.72	-50	PASS
Band20	5	24300	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2136.64	-58.55	-50	PASS
Band20	5	24300	25	#0	16QAM	738 MHz-758 MHz	1 MHz	757.68	-58.83	-50	PASS
Band20	5	24300	25	#0	16QAM	753 MHz-783 MHz	1 MHz	772.38	-58.55	-50	PASS
Band20	5	24300	25	#0	16QAM	758 MHz-788 MHz	1 MHz	785.27	-58.59	-50	PASS
Band20	5	24300	25	#0	16QAM	470 MHz-790 MHz	8 MHz	782.32	-70.19	-50	PASS
Band20	5	24425	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-52.89	-36	PASS
Band20	5	24425	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.23	-57.88	-36	PASS
Band20	5	24425	1	#0	QPSK	30 MHz-847.00 MHz	100 kHz	809.09	-60.50	-36	PASS

Band20	5	24425	1	#0	QPSK	872.00 MHz-1000 MHz	100 kHz	887.74	-62.43	-30	PASS
Band20	5	24425	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1038.50	-60.33	-30	PASS
Band20	5	24425	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	6621.35	-53.97	-30	PASS
Band20	5	24425	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2140.78	-58.57	-50	PASS
Band20	5	24425	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1870.93	-58.26	-50	PASS
Band20	5	24425	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2657.52	-57.44	-50	PASS
Band20	5	24425	1	#0	QPSK	925 MHz-960 MHz	1 MHz	925.88	-58.71	-50	PASS
Band20	5	24425	1	#0	QPSK	791 MHz-821 MHz	1 MHz	794.36	-59.10	-50	PASS
Band20	5	24425	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.88	-57.77	-50	PASS
Band20	5	24425	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	467.35	-59.50	-50	PASS
Band20	5	24425	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1471.45	-58.90	-50	PASS
Band20	5	24425	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1911.90	-58.55	-50	PASS
Band20	5	24425	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2020.88	-58.44	-50	PASS
Band20	5	24425	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-57.47	-50	PASS
Band20	5	24425	1	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2306.80	-58.28	-50	PASS

Band20	5	24425	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-57.52	-50	PASS
Band20	5	24425	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-57.63	-50	PASS
Band20	5	24425	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2132.14	-58.59	-50	PASS
Band20	5	24425	1	#0	QPSK	738 MHz-758 MHz	1 MHz	755.48	-58.82	-50	PASS
Band20	5	24425	1	#0	QPSK	753 MHz-783 MHz	1 MHz	776.52	-58.60	-50	PASS
Band20	5	24425	1	#0	QPSK	758 MHz-788 MHz	1 MHz	787.97	-58.50	-50	PASS
Band20	5	24425	1	#0	QPSK	470 MHz-790 MHz	8 MHz	764.08	-70.52	-50	PASS
Band20	5	24425	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-53.99	-36	PASS
Band20	5	24425	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	6.41	-57.60	-36	PASS
Band20	5	24425	1	#Max	QPSK	30 MHz-847.00 MHz	100 kHz	835.89	-60.46	-36	PASS
Band20	5	24425	1	#Max	QPSK	872.00 MHz-1000 MHz	100 kHz	900.03	-62.18	-30	PASS
Band20	5	24425	1	#Max	QPSK	1000 MHz-1500 MHz	1 MHz	1045.00	-60.64	-30	PASS
Band20	5	24425	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	5262.69	-52.34	-30	PASS
Band20	5	24425	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2145.28	-58.56	-50	PASS
Band20	5	24425	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1877.68	-58.17	-50	PASS
Band20	5	24425	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2670.26	-57.44	-50	PASS
Band20	5	24425	1	#Max	QPSK	925 MHz-960	1	933.44	-58.75	-50	PASS

						MHz	MHz				
Band20	5	24425	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	794.54	-59.04	-50	PASS
Band20	5	24425	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-57.72	-50	PASS
Band20	5	24425	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.79	-59.49	-50	PASS
Band20	5	24425	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1485.62	-58.85	-50	PASS
Band20	5	24425	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1915.68	-58.50	-50	PASS
Band20	5	24425	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2015.06	-58.46	-50	PASS
Band20	5	24425	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2618.60	-57.50	-50	PASS
Band20	5	24425	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2374.30	-58.25	-50	PASS
Band20	5	24425	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3597.00	-57.50	-50	PASS
Band20	5	24425	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.00	-57.73	-50	PASS
Band20	5	24425	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2142.22	-58.55	-50	PASS
Band20	5	24425	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	756.98	-58.85	-50	PASS
Band20	5	24425	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	775.89	-58.61	-50	PASS
Band20	5	24425	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	784.70	-58.52	-50	PASS
Band20	5	24425	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	785.20	-70.76	-50	PASS
Band20	5	24425	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-53.17	-36	PASS

Band20	5	24425	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-57.69	-36	PASS
Band20	5	24425	25	#0	QPSK	30 MHz-847.00 MHz	100 kHz	845.94	-49.13	-36	PASS
Band20	5	24425	25	#0	QPSK	872.00 MHz-1000 MHz	100 kHz	913.22	-62.73	-30	PASS
Band20	5	24425	25	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1050.50	-60.92	-30	PASS
Band20	5	24425	25	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5261.83	-53.78	-30	PASS
Band20	5	24425	25	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2152.60	-58.55	-50	PASS
Band20	5	24425	25	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1866.05	-58.23	-50	PASS
Band20	5	24425	25	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2657.03	-57.41	-50	PASS
Band20	5	24425	25	#0	QPSK	925 MHz-960 MHz	1 MHz	926.96	-58.67	-50	PASS
Band20	5	24425	25	#0	QPSK	791 MHz-821 MHz	1 MHz	794.90	-59.16	-50	PASS
Band20	5	24425	25	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-57.64	-50	PASS
Band20	5	24425	25	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.86	-59.52	-50	PASS
Band20	5	24425	25	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1472.50	-58.87	-50	PASS
Band20	5	24425	25	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1911.38	-58.49	-50	PASS
Band20	5	24425	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2015.82	-58.52	-50	PASS
Band20	5	24425	25	#0	QPSK	2570	1	2619.80	-57.39	-50	PASS

						MHz-2620 MHz	MHz				
Band20	5	24425	25	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2380.50	-58.22	-50	PASS
Band20	5	24425	25	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3597.00	-57.56	-50	PASS
Band20	5	24425	25	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3648.00	-57.77	-50	PASS
Band20	5	24425	25	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2134.39	-58.55	-50	PASS
Band20	5	24425	25	#0	QPSK	738 MHz-758 MHz	1 MHz	756.56	-58.88	-50	PASS
Band20	5	24425	25	#0	QPSK	753 MHz-783 MHz	1 MHz	780.18	-58.61	-50	PASS
Band20	5	24425	25	#0	QPSK	758 MHz-788 MHz	1 MHz	785.81	-58.60	-50	PASS
Band20	5	24425	25	#0	QPSK	470 MHz-790 MHz	8 MHz	781.36	-70.39	-50	PASS
Band20	5	24425	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-52.94	-36	PASS
Band20	5	24425	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.77	-36	PASS
Band20	5	24425	1	#0	16QAM	30 MHz-847.00 MHz	100 kHz	846.51	-60.28	-36	PASS
Band20	5	24425	1	#0	16QAM	872.00 MHz-1000 MHz	100 kHz	931.65	-62.66	-30	PASS
Band20	5	24425	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1049.00	-60.66	-30	PASS
Band20	5	24425	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	6610.10	-53.98	-30	PASS
Band20	5	24425	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2160.28	-58.53	-50	PASS
Band20	5	24425	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1876.40	-58.19	-50	PASS

						MHz					
Band20	5	24425	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2662.98	-57.46	-50	PASS
Band20	5	24425	1	#0	16QAM	925 MHz-960 MHz	1 MHz	929.17	-58.64	-50	PASS
Band20	5	24425	1	#0	16QAM	791 MHz-821 MHz	1 MHz	793.04	-59.12	-50	PASS
Band20	5	24425	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.84	-57.77	-50	PASS
Band20	5	24425	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	466.70	-59.49	-50	PASS
Band20	5	24425	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1473.96	-58.88	-50	PASS
Band20	5	24425	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1916.14	-58.52	-50	PASS
Band20	5	24425	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2022.18	-58.49	-50	PASS
Band20	5	24425	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2615.05	-57.45	-50	PASS
Band20	5	24425	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2382.70	-58.22	-50	PASS
Band20	5	24425	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3599.60	-57.54	-50	PASS
Band20	5	24425	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-57.74	-50	PASS
Band20	5	24425	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2141.86	-58.55	-50	PASS
Band20	5	24425	1	#0	16QAM	738 MHz-758 MHz	1 MHz	750.50	-58.85	-50	PASS
Band20	5	24425	1	#0	16QAM	753 MHz-783 MHz	1 MHz	771.12	-58.62	-50	PASS
Band20	5	24425	1	#0	16QAM	758 MHz-788	1	784.46	-58.58	-50	PASS

						MHz	MHz				
Band20	5	24425	1	#0	16QAM	470 MHz-790 MHz	8 MHz	779.76	-70.62	-50	PASS
Band20	5	24425	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.50	-36	PASS
Band20	5	24425	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.26	-36	PASS
Band20	5	24425	1	#Max	16QAM	30 MHz-847.00 MHz	100 kHz	832.29	-60.49	-36	PASS
Band20	5	24425	1	#Max	16QAM	872.00 MHz-1000 MHz	100 kHz	926.27	-62.65	-30	PASS
Band20	5	24425	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1051.50	-60.97	-30	PASS
Band20	5	24425	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	2457.98	-51.98	-30	PASS
Band20	5	24425	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2161.54	-58.53	-50	PASS
Band20	5	24425	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1830.13	-58.21	-50	PASS
Band20	5	24425	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2660.25	-57.43	-50	PASS
Band20	5	24425	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	928.36	-58.71	-50	PASS
Band20	5	24425	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	795.14	-59.14	-50	PASS
Band20	5	24425	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.84	-57.73	-50	PASS
Band20	5	24425	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	466.51	-59.49	-50	PASS
Band20	5	24425	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1496.00	-58.89	-50	PASS
Band20	5	24425	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1918.48	-58.50	-50	PASS

						MHz					
Band20	5	24425	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2013.00	-58.49	-50	PASS
Band20	5	24425	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2617.10	-57.48	-50	PASS
Band20	5	24425	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2391.40	-58.20	-50	PASS
Band20	5	24425	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3598.20	-57.58	-50	PASS
Band20	5	24425	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-57.71	-50	PASS
Band20	5	24425	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2132.14	-58.40	-50	PASS
Band20	5	24425	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	755.78	-58.86	-50	PASS
Band20	5	24425	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	781.59	-58.61	-50	PASS
Band20	5	24425	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	785.24	-58.57	-50	PASS
Band20	5	24425	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	771.76	-70.31	-50	PASS
Band20	5	24425	25	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.25	-36	PASS
Band20	5	24425	25	#0	16QAM	150 kHz-30 MHz	10 kHz	0.24	-58.03	-36	PASS
Band20	5	24425	25	#0	16QAM	30 MHz-847.00 MHz	100 kHz	847.00	-49.93	-36	PASS
Band20	5	24425	25	#0	16QAM	872.00 MHz-1000 MHz	100 kHz	897.73	-62.56	-30	PASS
Band20	5	24425	25	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1040.50	-61.30	-30	PASS
Band20	5	24425	25	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	6560.77	-53.86	-30	PASS

Band20	5	24425	25	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2152.06	-58.52	-50	PASS
Band20	5	24425	25	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1879.18	-58.21	-50	PASS
Band20	5	24425	25	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2644.57	-57.44	-50	PASS
Band20	5	24425	25	#0	16QAM	925 MHz-960 MHz	1 MHz	929.31	-58.64	-50	PASS
Band20	5	24425	25	#0	16QAM	791 MHz-821 MHz	1 MHz	802.91	-59.16	-50	PASS
Band20	5	24425	25	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3588.08	-57.72	-50	PASS
Band20	5	24425	25	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.88	-59.48	-50	PASS
Band20	5	24425	25	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1483.77	-58.86	-50	PASS
Band20	5	24425	25	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1918.66	-58.53	-50	PASS
Band20	5	24425	25	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2019.69	-58.48	-50	PASS
Band20	5	24425	25	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2616.15	-57.46	-50	PASS
Band20	5	24425	25	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2335.10	-58.29	-50	PASS
Band20	5	24425	25	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3597.60	-57.59	-50	PASS
Band20	5	24425	25	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.80	-50	PASS
Band20	5	24425	25	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2141.32	-58.52	-50	PASS

Band20	5	24425	25	#0	16QAM	738 MHz-758 MHz	1 MHz	755.64	-58.80	-50	PASS
Band20	5	24425	25	#0	16QAM	753 MHz-783 MHz	1 MHz	770.43	-58.62	-50	PASS
Band20	5	24425	25	#0	16QAM	758 MHz-788 MHz	1 MHz	781.73	-58.54	-50	PASS
Band20	5	24425	25	#0	16QAM	470 MHz-790 MHz	8 MHz	765.36	-70.78	-50	PASS
Band20	20	24250	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-53.03	-36	PASS
Band20	20	24250	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.23	-57.99	-36	PASS
Band20	20	24250	1	#0	QPSK	30 MHz-807.00 MHz	100 kHz	802.80	-60.47	-36	PASS
Band20	20	24250	1	#0	QPSK	877.00 MHz-1000 MHz	100 kHz	938.13	-62.51	-30	PASS
Band20	20	24250	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1025.00	-60.97	-30	PASS
Band20	20	24250	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	6616.15	-53.93	-30	PASS
Band20	20	24250	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2160.52	-58.54	-50	PASS
Band20	20	24250	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1876.18	-58.18	-50	PASS
Band20	20	24250	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2664.10	-57.39	-50	PASS
Band20	20	24250	1	#0	QPSK	925 MHz-960 MHz	1 MHz	927.80	-58.62	-50	PASS
Band20	20	24250	1	#0	QPSK	791 MHz-821 MHz	1 MHz	801.44	-59.15	-50	PASS
Band20	20	24250	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3588.24	-57.69	-50	PASS
Band20	20	24250	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	464.64	-59.41	-50	PASS

Band20	20	24250	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1477.70	-58.85	-50	PASS
Band20	20	24250	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1916.20	-58.47	-50	PASS
Band20	20	24250	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2023.05	-58.49	-50	PASS
Band20	20	24250	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.15	-57.41	-50	PASS
Band20	20	24250	1	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2392.60	-58.13	-50	PASS
Band20	20	24250	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-57.45	-50	PASS
Band20	20	24250	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.77	-50	PASS
Band20	20	24250	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2135.47	-58.57	-50	PASS
Band20	20	24250	1	#0	QPSK	738 MHz-758 MHz	1 MHz	754.36	-58.85	-50	PASS
Band20	20	24250	1	#0	QPSK	753 MHz-783 MHz	1 MHz	782.19	-58.56	-50	PASS
Band20	20	24250	1	#0	QPSK	758 MHz-788 MHz	1 MHz	786.62	-58.54	-50	PASS
Band20	20	24250	1	#0	QPSK	470 MHz-790 MHz	8 MHz	767.92	-70.58	-50	PASS
Band20	20	24250	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-53.41	-36	PASS
Band20	20	24250	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.48	-58.74	-36	PASS
Band20	20	24250	1	#Max	QPSK	30 MHz-807.00 MHz	100 kHz	796.98	-60.31	-36	PASS
Band20	20	24250	1	#Max	QPSK	877.00 MHz-1000 MHz	100 kHz	912.30	-62.51	-30	PASS
Band20	20	24250	1	#Max	QPSK	1000	1	1045.00	-60.31	-30	PASS

						MHz-1500 MHz	MHz				
Band20	20	24250	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	5255.77	-52.90	-30	PASS
Band20	20	24250	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2120.02	-58.51	-50	PASS
Band20	20	24250	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1879.18	-58.75	-50	PASS
Band20	20	24250	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2657.80	-57.39	-50	PASS
Band20	20	24250	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	928.92	-59.21	-50	PASS
Band20	20	24250	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	796.85	-59.12	-50	PASS
Band20	20	24250	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3536.00	-56.84	-50	PASS
Band20	20	24250	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.08	-59.40	-50	PASS
Band20	20	24250	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1495.69	-58.82	-50	PASS
Band20	20	24250	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1919.84	-58.50	-50	PASS
Band20	20	24250	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2016.60	-58.45	-50	PASS
Band20	20	24250	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2618.10	-57.35	-50	PASS
Band20	20	24250	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2390.10	-58.17	-50	PASS
Band20	20	24250	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-57.47	-50	PASS
Band20	20	24250	1	#Max	QPSK	3600	1	3654.40	-57.76	-50	PASS

						MHz-3800 MHz	MHz				
Band20	20	24250	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2136.82	-58.52	-50	PASS
Band20	20	24250	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	756.36	-58.84	-50	PASS
Band20	20	24250	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	780.12	-58.61	-50	PASS
Band20	20	24250	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	781.13	-58.56	-50	PASS
Band20	20	24250	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	765.68	-70.35	-50	PASS
Band20	20	24250	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-52.10	-36	PASS
Band20	20	24250	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-58.12	-36	PASS
Band20	20	24250	100	#0	QPSK	30 MHz-807.00 MHz	100 kHz	780.43	-60.52	-36	PASS
Band20	20	24250	100	#0	QPSK	877.00 MHz-1000 MHz	100 kHz	950.19	-62.61	-30	PASS
Band20	20	24250	100	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1036.00	-61.13	-30	PASS
Band20	20	24250	100	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5967.12	-54.04	-30	PASS
Band20	20	24250	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2135.14	-58.51	-50	PASS
Band20	20	24250	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1877.23	-58.75	-50	PASS
Band20	20	24250	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2661.23	-57.36	-50	PASS
Band20	20	24250	100	#0	QPSK	925 MHz-960 MHz	1 MHz	927.35	-59.30	-50	PASS
Band20	20	24250	100	#0	QPSK	791 MHz-821 MHz	1 MHz	810.17	-59.07	-50	PASS
Band20	20	24250	100	#0	QPSK	3510	1	3589.84	-57.65	-50	PASS

						MHz-3590 MHz	MHz				
Band20	20	24250	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.45	-59.42	-50	PASS
Band20	20	24250	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1471.32	-58.84	-50	PASS
Band20	20	24250	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1915.82	-58.53	-50	PASS
Band20	20	24250	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2024.90	-58.46	-50	PASS
Band20	20	24250	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.45	-57.47	-50	PASS
Band20	20	24250	100	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2375.60	-58.25	-50	PASS
Band20	20	24250	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3593.80	-57.57	-50	PASS
Band20	20	24250	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.80	-57.74	-50	PASS
Band20	20	24250	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2128.90	-58.45	-50	PASS
Band20	20	24250	100	#0	QPSK	738 MHz-758 MHz	1 MHz	757.96	-58.73	-50	PASS
Band20	20	24250	100	#0	QPSK	753 MHz-783 MHz	1 MHz	782.79	-58.60	-50	PASS
Band20	20	24250	100	#0	QPSK	758 MHz-788 MHz	1 MHz	778.58	-58.56	-50	PASS
Band20	20	24250	100	#0	QPSK	470 MHz-790 MHz	8 MHz	771.44	-69.63	-50	PASS
Band20	20	24250	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-52.53	-36	PASS
Band20	20	24250	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-56.70	-36	PASS
Band20	20	24250	1	#0	16QAM	30 MHz-807.00 kHz	100 kHz	759.84	-60.29	-36	PASS

						MHz					
Band20	20	24250	1	#0	16QAM	877.00 MHz-1000 MHz	100 kHz	890.90	-62.67	-30	PASS
Band20	20	24250	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1022.00	-61.26	-30	PASS
Band20	20	24250	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5944.62	-53.99	-30	PASS
Band20	20	24250	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2135.02	-58.56	-50	PASS
Band20	20	24250	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1878.28	-58.75	-50	PASS
Band20	20	24250	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2646.39	-57.43	-50	PASS
Band20	20	24250	1	#0	16QAM	925 MHz-960 MHz	1 MHz	927.63	-59.24	-50	PASS
Band20	20	24250	1	#0	16QAM	791 MHz-821 MHz	1 MHz	801.77	-59.11	-50	PASS
Band20	20	24250	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3587.68	-57.67	-50	PASS
Band20	20	24250	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.62	-59.47	-50	PASS
Band20	20	24250	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1462.87	-58.85	-50	PASS
Band20	20	24250	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1919.06	-58.51	-50	PASS
Band20	20	24250	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2020.65	-58.43	-50	PASS
Band20	20	24250	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2612.20	-57.46	-50	PASS
Band20	20	24250	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2381.60	-58.19	-50	PASS

						MHz					
Band20	20	24250	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3596.40	-57.46	-50	PASS
Band20	20	24250	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-57.62	-50	PASS
Band20	20	24250	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2168.50	-58.54	-50	PASS
Band20	20	24250	1	#0	16QAM	738 MHz-758 MHz	1 MHz	754.28	-58.83	-50	PASS
Band20	20	24250	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.88	-58.63	-50	PASS
Band20	20	24250	1	#0	16QAM	758 MHz-788 MHz	1 MHz	786.08	-58.59	-50	PASS
Band20	20	24250	1	#0	16QAM	470 MHz-790 MHz	8 MHz	760.88	-70.67	-50	PASS
Band20	20	24250	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.75	-36	PASS
Band20	20	24250	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.16	-36	PASS
Band20	20	24250	1	#Max	16QAM	30 MHz-807.00 MHz	100 kHz	799.39	-60.49	-36	PASS
Band20	20	24250	1	#Max	16QAM	877.00 MHz-1000 MHz	100 kHz	941.58	-62.57	-30	PASS
Band20	20	24250	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1040.00	-60.69	-30	PASS
Band20	20	24250	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	6462.98	-53.94	-30	PASS
Band20	20	24250	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2144.26	-58.46	-50	PASS
Band20	20	24250	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1871.15	-58.72	-50	PASS
Band20	20	24250	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2657.38	-57.41	-50	PASS

Band20	20	24250	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	927.17	-59.24	-50	PASS
Band20	20	24250	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	796.07	-59.09	-50	PASS
Band20	20	24250	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3589.44	-57.76	-50	PASS
Band20	20	24250	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.91	-59.46	-50	PASS
Band20	20	24250	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1476.55	-58.82	-50	PASS
Band20	20	24250	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1916.40	-58.50	-50	PASS
Band20	20	24250	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2012.33	-58.50	-50	PASS
Band20	20	24250	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2612.55	-56.63	-50	PASS
Band20	20	24250	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2380.40	-58.14	-50	PASS
Band20	20	24250	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3598.60	-57.52	-50	PASS
Band20	20	24250	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.76	-50	PASS
Band20	20	24250	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2133.40	-58.58	-50	PASS
Band20	20	24250	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	750.66	-58.86	-50	PASS
Band20	20	24250	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	778.98	-58.62	-50	PASS
Band20	20	24250	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	787.55	-58.49	-50	PASS
Band20	20	24250	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	762.80	-70.49	-50	PASS
Band20	20	24250	100	#0	16QAM	9 kHz-150	1	0.01	-54.09	-36	PASS

						kHz	kHz				
Band20	20	24250	100	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-57.58	-36	PASS
Band20	20	24250	100	#0	16QAM	30 MHz-807.00 MHz	100 kHz	804.44	-60.46	-36	PASS
Band20	20	24250	100	#0	16QAM	877.00 MHz-1000 MHz	100 kHz	914.76	-62.52	-30	PASS
Band20	20	24250	100	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1039.50	-61.57	-30	PASS
Band20	20	24250	100	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5256.63	-51.94	-30	PASS
Band20	20	24250	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2139.82	-58.55	-50	PASS
Band20	20	24250	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1869.43	-58.73	-50	PASS
Band20	20	24250	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2666.69	-57.41	-50	PASS
Band20	20	24250	100	#0	16QAM	925 MHz-960 MHz	1 MHz	939.81	-59.25	-50	PASS
Band20	20	24250	100	#0	16QAM	791 MHz-821 MHz	1 MHz	797.09	-59.09	-50	PASS
Band20	20	24250	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3590.00	-57.69	-50	PASS
Band20	20	24250	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	462.81	-59.42	-50	PASS
Band20	20	24250	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1468.06	-58.80	-50	PASS
Band20	20	24250	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1918.60	-58.49	-50	PASS
Band20	20	24250	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2019.11	-58.46	-50	PASS

Band20	20	24250	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2617.70	-57.43	-50	PASS
Band20	20	24250	100	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2380.70	-58.18	-50	PASS
Band20	20	24250	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3599.40	-57.46	-50	PASS
Band20	20	24250	100	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-57.82	-50	PASS
Band20	20	24250	100	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2172.91	-58.51	-50	PASS
Band20	20	24250	100	#0	16QAM	738 MHz-758 MHz	1 MHz	754.00	-58.78	-50	PASS
Band20	20	24250	100	#0	16QAM	753 MHz-783 MHz	1 MHz	781.53	-58.63	-50	PASS
Band20	20	24250	100	#0	16QAM	758 MHz-788 MHz	1 MHz	786.32	-59.12	-50	PASS
Band20	20	24250	100	#0	16QAM	470 MHz-790 MHz	8 MHz	779.44	-70.85	-50	PASS
Band20	20	24300	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-52.98	-36	PASS
Band20	20	24300	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.23	-58.71	-36	PASS
Band20	20	24300	1	#0	QPSK	30 MHz-812.00 MHz	100 kHz	805.43	-60.51	-36	PASS
Band20	20	24300	1	#0	QPSK	882.00 MHz-1000 MHz	100 kHz	903.00	-62.63	-30	PASS
Band20	20	24300	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1035.00	-60.89	-30	PASS
Band20	20	24300	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5912.60	-53.91	-30	PASS
Band20	20	24300	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2147.68	-58.55	-50	PASS
Band20	20	24300	1	#0	QPSK	1805	1	1847.75	-58.70	-50	PASS

						MHz-1880 MHz	MHz				
Band20	20	24300	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2658.57	-57.41	-50	PASS
Band20	20	24300	1	#0	QPSK	925 MHz-960 MHz	1 MHz	925.07	-59.27	-50	PASS
Band20	20	24300	1	#0	QPSK	791 MHz-821 MHz	1 MHz	793.82	-59.03	-50	PASS
Band20	20	24300	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3587.68	-57.64	-50	PASS
Band20	20	24300	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.82	-59.46	-50	PASS
Band20	20	24300	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1469.16	-58.84	-50	PASS
Band20	20	24300	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1919.36	-58.46	-50	PASS
Band20	20	24300	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2018.66	-58.38	-50	PASS
Band20	20	24300	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2618.60	-57.40	-50	PASS
Band20	20	24300	1	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2365.10	-58.15	-50	PASS
Band20	20	24300	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-57.47	-50	PASS
Band20	20	24300	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.60	-57.78	-50	PASS
Band20	20	24300	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2117.92	-58.54	-50	PASS
Band20	20	24300	1	#0	QPSK	738 MHz-758 MHz	1 MHz	755.38	-58.83	-50	PASS
Band20	20	24300	1	#0	QPSK	753 MHz-783 MHz	1 MHz	775.53	-58.57	-50	PASS

Band20	20	24300	1	#0	QPSK	758 MHz-788 MHz	1 MHz	787.61	-59.17	-50	PASS
Band20	20	24300	1	#0	QPSK	470 MHz-790 MHz	8 MHz	764.40	-70.69	-50	PASS
Band20	20	24300	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.96	-36	PASS
Band20	20	24300	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.60	-58.75	-36	PASS
Band20	20	24300	1	#Max	QPSK	30 MHz-812.00 MHz	100 kHz	805.04	-60.57	-36	PASS
Band20	20	24300	1	#Max	QPSK	882.00 MHz-1000 MHz	100 kHz	900.05	-62.15	-30	PASS
Band20	20	24300	1	#Max	QPSK	1000 MHz-1500 MHz	1 MHz	1045.00	-60.24	-30	PASS
Band20	20	24300	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	5924.71	-54.01	-30	PASS
Band20	20	24300	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2138.92	-58.51	-50	PASS
Band20	20	24300	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1861.10	-58.78	-50	PASS
Band20	20	24300	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2655.63	-57.31	-50	PASS
Band20	20	24300	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	926.68	-59.28	-50	PASS
Band20	20	24300	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	795.41	-58.96	-50	PASS
Band20	20	24300	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3589.20	-57.67	-50	PASS
Band20	20	24300	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	463.12	-59.49	-50	PASS
Band20	20	24300	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1472.06	-58.82	-50	PASS
Band20	20	24300	1	#Max	QPSK	1900	1	1919.68	-58.43	-50	PASS

						MHz-1920 MHz	MHz				
Band20	20	24300	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2014.53	-58.48	-50	PASS
Band20	20	24300	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2619.20	-57.33	-50	PASS
Band20	20	24300	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2384.80	-58.16	-50	PASS
Band20	20	24300	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-57.49	-50	PASS
Band20	20	24300	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.00	-57.72	-50	PASS
Band20	20	24300	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2173.18	-58.50	-50	PASS
Band20	20	24300	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	756.90	-58.83	-50	PASS
Band20	20	24300	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	781.77	-58.59	-50	PASS
Band20	20	24300	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	786.77	-59.09	-50	PASS
Band20	20	24300	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	780.72	-70.72	-50	PASS
Band20	20	24300	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.65	-36	PASS
Band20	20	24300	100	#0	QPSK	150 kHz-30 MHz	10 kHz	6.12	-55.24	-36	PASS
Band20	20	24300	100	#0	QPSK	30 MHz-812.00 MHz	100 kHz	803.71	-60.28	-36	PASS
Band20	20	24300	100	#0	QPSK	882.00 MHz-1000 MHz	100 kHz	901.35	-62.64	-30	PASS
Band20	20	24300	100	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1036.00	-61.06	-30	PASS
Band20	20	24300	100	#0	QPSK	1500 MHz-12.75 MHz	1 MHz	5945.48	-54.02	-30	PASS

						GHz					
Band20	20	24300	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2130.64	-58.49	-50	PASS
Band20	20	24300	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1875.65	-58.77	-50	PASS
Band20	20	24300	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2664.94	-57.37	-50	PASS
Band20	20	24300	100	#0	QPSK	925 MHz-960 MHz	1 MHz	929.31	-59.32	-50	PASS
Band20	20	24300	100	#0	QPSK	791 MHz-821 MHz	1 MHz	801.02	-59.07	-50	PASS
Band20	20	24300	100	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3584.24	-57.73	-50	PASS
Band20	20	24300	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.49	-59.47	-50	PASS
Band20	20	24300	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1458.78	-58.85	-50	PASS
Band20	20	24300	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1916.38	-58.49	-50	PASS
Band20	20	24300	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2020.86	-58.48	-50	PASS
Band20	20	24300	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2617.90	-57.37	-50	PASS
Band20	20	24300	100	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2383.40	-58.18	-50	PASS
Band20	20	24300	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-57.58	-50	PASS
Band20	20	24300	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.85	-50	PASS
Band20	20	24300	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2137.54	-58.57	-50	PASS

						MHz					
Band20	20	24300	100	#0	QPSK	738 MHz-758 MHz	1 MHz	757.52	-58.78	-50	PASS
Band20	20	24300	100	#0	QPSK	753 MHz-783 MHz	1 MHz	780.09	-58.54	-50	PASS
Band20	20	24300	100	#0	QPSK	758 MHz-788 MHz	1 MHz	786.26	-59.16	-50	PASS
Band20	20	24300	100	#0	QPSK	470 MHz-790 MHz	8 MHz	777.84	-70.02	-50	PASS
Band20	20	24300	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-53.23	-36	PASS
Band20	20	24300	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.24	-57.66	-36	PASS
Band20	20	24300	1	#0	16QAM	30 MHz-812.00 MHz	100 kHz	789.63	-60.03	-36	PASS
Band20	20	24300	1	#0	16QAM	882.00 MHz-1000 MHz	100 kHz	904.89	-62.73	-30	PASS
Band20	20	24300	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1041.00	-61.32	-30	PASS
Band20	20	24300	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	6000.87	-54.04	-30	PASS
Band20	20	24300	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2120.14	-58.53	-50	PASS
Band20	20	24300	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1862.45	-58.76	-50	PASS
Band20	20	24300	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2658.29	-57.34	-50	PASS
Band20	20	24300	1	#0	16QAM	925 MHz-960 MHz	1 MHz	927.14	-59.27	-50	PASS
Band20	20	24300	1	#0	16QAM	791 MHz-821 MHz	1 MHz	792.71	-59.10	-50	PASS
Band20	20	24300	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.20	-57.68	-50	PASS
Band20	20	24300	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	462.73	-59.46	-50	PASS

						MHz					
Band20	20	24300	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1494.94	-58.76	-50	PASS
Band20	20	24300	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1914.56	-58.51	-50	PASS
Band20	20	24300	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2013.68	-58.45	-50	PASS
Band20	20	24300	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2618.80	-57.41	-50	PASS
Band20	20	24300	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2381.30	-58.25	-50	PASS
Band20	20	24300	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3595.20	-57.54	-50	PASS
Band20	20	24300	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3675.00	-57.84	-50	PASS
Band20	20	24300	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2140.51	-58.55	-50	PASS
Band20	20	24300	1	#0	16QAM	738 MHz-758 MHz	1 MHz	753.18	-58.84	-50	PASS
Band20	20	24300	1	#0	16QAM	753 MHz-783 MHz	1 MHz	782.49	-58.59	-50	PASS
Band20	20	24300	1	#0	16QAM	758 MHz-788 MHz	1 MHz	781.79	-59.19	-50	PASS
Band20	20	24300	1	#0	16QAM	470 MHz-790 MHz	8 MHz	777.84	-69.35	-50	PASS
Band20	20	24300	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-53.77	-36	PASS
Band20	20	24300	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.17	-58.14	-36	PASS
Band20	20	24300	1	#Max	16QAM	30 MHz-812.00 MHz	100 kHz	805.51	-61.29	-36	PASS
Band20	20	24300	1	#Max	16QAM	882.00 MHz-1000 MHz	100 kHz	907.02	-62.65	-30	PASS

Band20	20	24300	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1037.00	-60.79	-30	PASS
Band20	20	24300	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	6452.60	-54.00	-30	PASS
Band20	20	24300	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2136.40	-58.54	-50	PASS
Band20	20	24300	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1862.68	-58.76	-50	PASS
Band20	20	24300	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2668.44	-57.33	-50	PASS
Band20	20	24300	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	929.31	-59.25	-50	PASS
Band20	20	24300	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	796.94	-59.08	-50	PASS
Band20	20	24300	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3588.32	-57.66	-50	PASS
Band20	20	24300	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	467.42	-59.41	-50	PASS
Band20	20	24300	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1479.63	-58.81	-50	PASS
Band20	20	24300	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1917.74	-58.52	-50	PASS
Band20	20	24300	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2019.68	-58.48	-50	PASS
Band20	20	24300	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2619.30	-57.38	-50	PASS
Band20	20	24300	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2382.80	-58.27	-50	PASS
Band20	20	24300	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3598.20	-57.44	-50	PASS

Band20	20	24300	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-57.83	-50	PASS
Band20	20	24300	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2135.92	-58.48	-50	PASS
Band20	20	24300	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	756.34	-58.71	-50	PASS
Band20	20	24300	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	782.43	-59.04	-50	PASS
Band20	20	24300	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	777.08	-59.08	-50	PASS
Band20	20	24300	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	781.68	-71.19	-50	PASS
Band20	20	24300	100	#0	16QAM	9 kHz-150 kHz	1 kHz	0.12	-52.49	-36	PASS
Band20	20	24300	100	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-56.98	-36	PASS
Band20	20	24300	100	#0	16QAM	30 MHz-812.00 MHz	100 kHz	788.62	-61.37	-36	PASS
Band20	20	24300	100	#0	16QAM	882.00 MHz-1000 MHz	100 kHz	900.05	-62.52	-30	PASS
Band20	20	24300	100	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1040.50	-61.42	-30	PASS
Band20	20	24300	100	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5254.90	-52.66	-30	PASS
Band20	20	24300	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2160.34	-58.47	-50	PASS
Band20	20	24300	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1873.93	-58.65	-50	PASS
Band20	20	24300	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2661.37	-57.34	-50	PASS
Band20	20	24300	100	#0	16QAM	925 MHz-960 MHz	1 MHz	939.95	-59.20	-50	PASS
Band20	20	24300	100	#0	16QAM	791 MHz-821 MHz	1 MHz	798.83	-59.05	-50	PASS

Band20	20	24300	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3589.68	-57.56	-50	PASS
Band20	20	24300	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.86	-59.38	-50	PASS
Band20	20	24300	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1470.30	-58.78	-50	PASS
Band20	20	24300	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1913.94	-58.41	-50	PASS
Band20	20	24300	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2014.02	-58.43	-50	PASS
Band20	20	24300	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2620.00	-57.43	-50	PASS
Band20	20	24300	100	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2371.70	-58.17	-50	PASS
Band20	20	24300	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3599.20	-57.42	-50	PASS
Band20	20	24300	100	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3675.60	-57.82	-50	PASS
Band20	20	24300	100	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2130.16	-58.54	-50	PASS
Band20	20	24300	100	#0	16QAM	738 MHz-758 MHz	1 MHz	757.62	-58.71	-50	PASS
Band20	20	24300	100	#0	16QAM	753 MHz-783 MHz	1 MHz	782.73	-59.10	-50	PASS
Band20	20	24300	100	#0	16QAM	758 MHz-788 MHz	1 MHz	785.33	-59.04	-50	PASS
Band20	20	24300	100	#0	16QAM	470 MHz-790 MHz	8 MHz	765.04	-71.12	-50	PASS
Band20	20	24350	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-53.30	-36	PASS
Band20	20	24350	1	#0	QPSK	150 kHz-30 MHz	10 kHz	6.07	-55.22	-36	PASS
Band20	20	24350	1	#0	QPSK	30	100	768.84	-61.24	-36	PASS

						MHz-817.00 MHz	kHz				
Band20	20	24350	1	#0	QPSK	887.00 MHz-1000 MHz	100 kHz	933.90	-62.65	-30	PASS
Band20	20	24350	1	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1030.50	-60.70	-30	PASS
Band20	20	24350	1	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	6514.90	-53.95	-30	PASS
Band20	20	24350	1	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2134.24	-58.46	-50	PASS
Band20	20	24350	1	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1879.33	-58.67	-50	PASS
Band20	20	24350	1	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2663.47	-57.27	-50	PASS
Band20	20	24350	1	#0	QPSK	925 MHz-960 MHz	1 MHz	936.06	-59.18	-50	PASS
Band20	20	24350	1	#0	QPSK	791 MHz-821 MHz	1 MHz	794.06	-59.08	-50	PASS
Band20	20	24350	1	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3586.56	-57.65	-50	PASS
Band20	20	24350	1	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	467.07	-59.43	-50	PASS
Band20	20	24350	1	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1477.08	-58.81	-50	PASS
Band20	20	24350	1	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1917.42	-58.43	-50	PASS
Band20	20	24350	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.05	-58.45	-50	PASS
Band20	20	24350	1	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.25	-57.40	-50	PASS
Band20	20	24350	1	#0	QPSK	2300	1	2390.90	-58.19	-50	PASS

						MHz-2400 MHz	MHz				
Band20	20	24350	1	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.40	-57.49	-50	PASS
Band20	20	24350	1	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.40	-57.80	-50	PASS
Band20	20	24350	1	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2147.08	-58.52	-50	PASS
Band20	20	24350	1	#0	QPSK	738 MHz-758 MHz	1 MHz	756.16	-58.79	-50	PASS
Band20	20	24350	1	#0	QPSK	753 MHz-783 MHz	1 MHz	781.32	-59.03	-50	PASS
Band20	20	24350	1	#0	QPSK	758 MHz-788 MHz	1 MHz	783.74	-59.13	-50	PASS
Band20	20	24350	1	#0	QPSK	470 MHz-790 MHz	8 MHz	765.68	-71.18	-50	PASS
Band20	20	24350	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.12	-51.38	-36	PASS
Band20	20	24350	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-57.74	-36	PASS
Band20	20	24350	1	#Max	QPSK	30 MHz-817.00 MHz	100 kHz	786.15	-61.11	-36	PASS
Band20	20	24350	1	#Max	QPSK	887.00 MHz-1000 MHz	100 kHz	925.99	-62.39	-30	PASS
Band20	20	24350	1	#Max	QPSK	1000 MHz-1500 MHz	1 MHz	1047.50	-60.54	-30	PASS
Band20	20	24350	1	#Max	QPSK	1500 MHz-12.75 GHz	1 MHz	5932.50	-54.04	-30	PASS
Band20	20	24350	1	#Max	QPSK	2110 MHz-2170 MHz	1 MHz	2133.16	-58.48	-50	PASS
Band20	20	24350	1	#Max	QPSK	1805 MHz-1880 MHz	1 MHz	1874.98	-58.70	-50	PASS
Band20	20	24350	1	#Max	QPSK	2620 MHz-2690 MHz	1 MHz	2657.31	-57.33	-50	PASS

						MHz					
Band20	20	24350	1	#Max	QPSK	925 MHz-960 MHz	1 MHz	928.05	-59.25	-50	PASS
Band20	20	24350	1	#Max	QPSK	791 MHz-821 MHz	1 MHz	799.67	-59.07	-50	PASS
Band20	20	24350	1	#Max	QPSK	3510 MHz-3590 MHz	1 MHz	3587.36	-57.64	-50	PASS
Band20	20	24350	1	#Max	QPSK	462.5 MHz-467.5 MHz	1 MHz	462.86	-59.43	-50	PASS
Band20	20	24350	1	#Max	QPSK	1452 MHz-1496 MHz	1 MHz	1494.28	-58.75	-50	PASS
Band20	20	24350	1	#Max	QPSK	1900 MHz-1920 MHz	1 MHz	1916.58	-58.41	-50	PASS
Band20	20	24350	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2010.93	-58.42	-50	PASS
Band20	20	24350	1	#Max	QPSK	2570 MHz-2620 MHz	1 MHz	2615.40	-57.34	-50	PASS
Band20	20	24350	1	#Max	QPSK	2300 MHz-2400 MHz	1 MHz	2390.90	-58.14	-50	PASS
Band20	20	24350	1	#Max	QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-57.45	-50	PASS
Band20	20	24350	1	#Max	QPSK	3600 MHz-3800 MHz	1 MHz	3654.20	-57.88	-50	PASS
Band20	20	24350	1	#Max	QPSK	2110 MHz-2200 MHz	1 MHz	2133.76	-58.50	-50	PASS
Band20	20	24350	1	#Max	QPSK	738 MHz-758 MHz	1 MHz	753.18	-58.79	-50	PASS
Band20	20	24350	1	#Max	QPSK	753 MHz-783 MHz	1 MHz	778.35	-59.18	-50	PASS
Band20	20	24350	1	#Max	QPSK	758 MHz-788 MHz	1 MHz	785.06	-59.14	-50	PASS
Band20	20	24350	1	#Max	QPSK	470 MHz-790 MHz	8 MHz	766.96	-71.26	-50	PASS

Band20	20	24350	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-52.04	-36	PASS
Band20	20	24350	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-58.72	-36	PASS
Band20	20	24350	100	#0	QPSK	30 MHz-817.00 MHz	100 kHz	816.76	-61.04	-36	PASS
Band20	20	24350	100	#0	QPSK	887.00 MHz-1000 MHz	100 kHz	900.00	-62.62	-30	PASS
Band20	20	24350	100	#0	QPSK	1000 MHz-1500 MHz	1 MHz	1040.50	-60.84	-30	PASS
Band20	20	24350	100	#0	QPSK	1500 MHz-12.75 GHz	1 MHz	5262.69	-53.20	-30	PASS
Band20	20	24350	100	#0	QPSK	2110 MHz-2170 MHz	1 MHz	2140.36	-58.43	-50	PASS
Band20	20	24350	100	#0	QPSK	1805 MHz-1880 MHz	1 MHz	1871.68	-58.71	-50	PASS
Band20	20	24350	100	#0	QPSK	2620 MHz-2690 MHz	1 MHz	2657.38	-57.34	-50	PASS
Band20	20	24350	100	#0	QPSK	925 MHz-960 MHz	1 MHz	925.56	-59.24	-50	PASS
Band20	20	24350	100	#0	QPSK	791 MHz-821 MHz	1 MHz	793.97	-59.00	-50	PASS
Band20	20	24350	100	#0	QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-57.66	-50	PASS
Band20	20	24350	100	#0	QPSK	462.5 MHz-467.5 MHz	1 MHz	465.67	-59.46	-50	PASS
Band20	20	24350	100	#0	QPSK	1452 MHz-1496 MHz	1 MHz	1459.57	-58.80	-50	PASS
Band20	20	24350	100	#0	QPSK	1900 MHz-1920 MHz	1 MHz	1917.76	-58.40	-50	PASS
Band20	20	24350	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2024.52	-58.48	-50	PASS

						MHz					
Band20	20	24350	100	#0	QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-57.28	-50	PASS
Band20	20	24350	100	#0	QPSK	2300 MHz-2400 MHz	1 MHz	2374.90	-58.16	-50	PASS
Band20	20	24350	100	#0	QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-57.47	-50	PASS
Band20	20	24350	100	#0	QPSK	3600 MHz-3800 MHz	1 MHz	3654.80	-57.81	-50	PASS
Band20	20	24350	100	#0	QPSK	2110 MHz-2200 MHz	1 MHz	2141.95	-58.43	-50	PASS
Band20	20	24350	100	#0	QPSK	738 MHz-758 MHz	1 MHz	754.38	-58.78	-50	PASS
Band20	20	24350	100	#0	QPSK	753 MHz-783 MHz	1 MHz	781.89	-59.12	-50	PASS
Band20	20	24350	100	#0	QPSK	758 MHz-788 MHz	1 MHz	781.07	-59.04	-50	PASS
Band20	20	24350	100	#0	QPSK	470 MHz-790 MHz	8 MHz	776.88	-71.23	-50	PASS
Band20	20	24350	1	#0	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.72	-36	PASS
Band20	20	24350	1	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-58.11	-36	PASS
Band20	20	24350	1	#0	16QAM	30 MHz-817.00 MHz	100 kHz	812.44	-61.39	-36	PASS
Band20	20	24350	1	#0	16QAM	887.00 MHz-1000 MHz	100 kHz	910.50	-62.44	-30	PASS
Band20	20	24350	1	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1031.50	-61.11	-30	PASS
Band20	20	24350	1	#0	16QAM	1500 MHz-12.75 GHz	1 MHz	5980.10	-54.04	-30	PASS
Band20	20	24350	1	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2153.08	-58.45	-50	PASS

Band20	20	24350	1	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1876.33	-58.68	-50	PASS
Band20	20	24350	1	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2667.67	-57.28	-50	PASS
Band20	20	24350	1	#0	16QAM	925 MHz-960 MHz	1 MHz	927.07	-59.22	-50	PASS
Band20	20	24350	1	#0	16QAM	791 MHz-821 MHz	1 MHz	796.94	-59.08	-50	PASS
Band20	20	24350	1	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3588.80	-57.62	-50	PASS
Band20	20	24350	1	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	463.22	-59.41	-50	PASS
Band20	20	24350	1	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1470.83	-58.80	-50	PASS
Band20	20	24350	1	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1916.56	-58.45	-50	PASS
Band20	20	24350	1	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2019.15	-58.40	-50	PASS
Band20	20	24350	1	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2615.10	-57.35	-50	PASS
Band20	20	24350	1	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2368.90	-58.14	-50	PASS
Band20	20	24350	1	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3598.60	-57.45	-50	PASS
Band20	20	24350	1	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.20	-57.85	-50	PASS
Band20	20	24350	1	#0	16QAM	2110 MHz-2200 MHz	1 MHz	2174.26	-58.44	-50	PASS
Band20	20	24350	1	#0	16QAM	738 MHz-758 MHz	1 MHz	755.98	-58.76	-50	PASS
Band20	20	24350	1	#0	16QAM	753 MHz-783	1	782.43	-59.06	-50	PASS

						MHz	MHz				
Band20	20	24350	1	#0	16QAM	758 MHz-788 MHz	1 MHz	777.11	-59.16	-50	PASS
Band20	20	24350	1	#0	16QAM	470 MHz-790 MHz	8 MHz	771.44	-70.94	-50	PASS
Band20	20	24350	1	#Max	16QAM	9 kHz-150 kHz	1 kHz	0.01	-51.37	-36	PASS
Band20	20	24350	1	#Max	16QAM	150 kHz-30 MHz	10 kHz	0.16	-58.58	-36	PASS
Band20	20	24350	1	#Max	16QAM	30 MHz-817.00 MHz	100 kHz	799.76	-61.18	-36	PASS
Band20	20	24350	1	#Max	16QAM	887.00 MHz-1000 MHz	100 kHz	912.31	-62.54	-30	PASS
Band20	20	24350	1	#Max	16QAM	1000 MHz-1500 MHz	1 MHz	1058.00	-60.94	-30	PASS
Band20	20	24350	1	#Max	16QAM	1500 MHz-12.75 GHz	1 MHz	6086.54	-54.01	-30	PASS
Band20	20	24350	1	#Max	16QAM	2110 MHz-2170 MHz	1 MHz	2150.44	-58.49	-50	PASS
Band20	20	24350	1	#Max	16QAM	1805 MHz-1880 MHz	1 MHz	1872.35	-58.73	-50	PASS
Band20	20	24350	1	#Max	16QAM	2620 MHz-2690 MHz	1 MHz	2674.32	-57.32	-50	PASS
Band20	20	24350	1	#Max	16QAM	925 MHz-960 MHz	1 MHz	927.38	-59.18	-50	PASS
Band20	20	24350	1	#Max	16QAM	791 MHz-821 MHz	1 MHz	800.00	-59.03	-50	PASS
Band20	20	24350	1	#Max	16QAM	3510 MHz-3590 MHz	1 MHz	3588.64	-57.63	-50	PASS
Band20	20	24350	1	#Max	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.98	-59.40	-50	PASS
Band20	20	24350	1	#Max	16QAM	1452 MHz-1496 MHz	1 MHz	1489.84	-58.70	-50	PASS

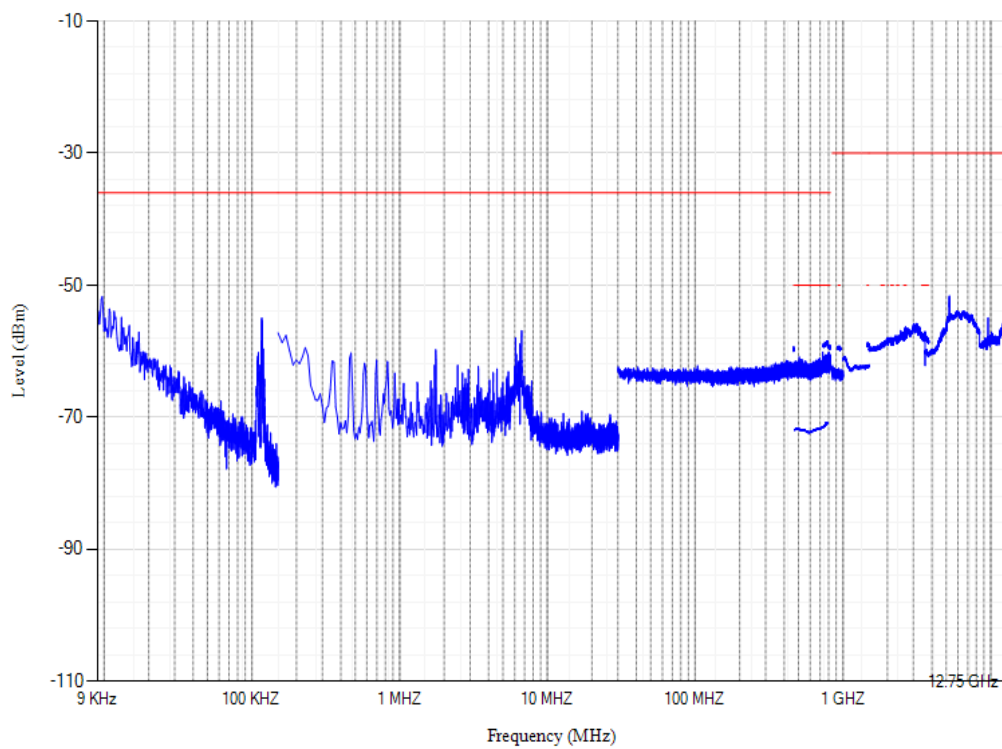
Band20	20	24350	1	#Max	16QAM	1900 MHz-1920 MHz	1 MHz	1916.54	-58.44	-50	PASS
Band20	20	24350	1	#Max	16QAM	2010 MHz-2025 MHz	1 MHz	2011.31	-58.44	-50	PASS
Band20	20	24350	1	#Max	16QAM	2570 MHz-2620 MHz	1 MHz	2619.10	-57.37	-50	PASS
Band20	20	24350	1	#Max	16QAM	2300 MHz-2400 MHz	1 MHz	2388.60	-58.09	-50	PASS
Band20	20	24350	1	#Max	16QAM	3400 MHz-3600 MHz	1 MHz	3600.00	-57.41	-50	PASS
Band20	20	24350	1	#Max	16QAM	3600 MHz-3800 MHz	1 MHz	3654.60	-57.82	-50	PASS
Band20	20	24350	1	#Max	16QAM	2110 MHz-2200 MHz	1 MHz	2144.74	-58.47	-50	PASS
Band20	20	24350	1	#Max	16QAM	738 MHz-758 MHz	1 MHz	752.70	-58.70	-50	PASS
Band20	20	24350	1	#Max	16QAM	753 MHz-783 MHz	1 MHz	781.47	-59.09	-50	PASS
Band20	20	24350	1	#Max	16QAM	758 MHz-788 MHz	1 MHz	778.61	-59.11	-50	PASS
Band20	20	24350	1	#Max	16QAM	470 MHz-790 MHz	8 MHz	775.60	-69.29	-50	PASS
Band20	20	24350	100	#0	16QAM	9 kHz-150 kHz	1 kHz	0.11	-53.43	-36	PASS
Band20	20	24350	100	#0	16QAM	150 kHz-30 MHz	10 kHz	0.16	-58.51	-36	PASS
Band20	20	24350	100	#0	16QAM	30 MHz-817.00 MHz	100 kHz	813.54	-61.28	-36	PASS
Band20	20	24350	100	#0	16QAM	887.00 MHz-1000 MHz	100 kHz	892.31	-62.46	-30	PASS
Band20	20	24350	100	#0	16QAM	1000 MHz-1500 MHz	1 MHz	1037.00	-61.23	-30	PASS
Band20	20	24350	100	#0	16QAM	1500	1	6067.50	-54.02	-30	PASS

						MHz-12.75 GHz	MHz				
Band20	20	24350	100	#0	16QAM	2110 MHz-2170 MHz	1 MHz	2133.10	-58.50	-50	PASS
Band20	20	24350	100	#0	16QAM	1805 MHz-1880 MHz	1 MHz	1873.78	-58.69	-50	PASS
Band20	20	24350	100	#0	16QAM	2620 MHz-2690 MHz	1 MHz	2676.84	-57.36	-50	PASS
Band20	20	24350	100	#0	16QAM	925 MHz-960 MHz	1 MHz	925.49	-59.21	-50	PASS
Band20	20	24350	100	#0	16QAM	791 MHz-821 MHz	1 MHz	797.69	-59.04	-50	PASS
Band20	20	24350	100	#0	16QAM	3510 MHz-3590 MHz	1 MHz	3586.24	-57.68	-50	PASS
Band20	20	24350	100	#0	16QAM	462.5 MHz-467.5 MHz	1 MHz	464.79	-59.44	-50	PASS
Band20	20	24350	100	#0	16QAM	1452 MHz-1496 MHz	1 MHz	1490.98	-58.81	-50	PASS
Band20	20	24350	100	#0	16QAM	1900 MHz-1920 MHz	1 MHz	1912.94	-58.44	-50	PASS
Band20	20	24350	100	#0	16QAM	2010 MHz-2025 MHz	1 MHz	2011.86	-58.45	-50	PASS
Band20	20	24350	100	#0	16QAM	2570 MHz-2620 MHz	1 MHz	2619.85	-57.37	-50	PASS
Band20	20	24350	100	#0	16QAM	2300 MHz-2400 MHz	1 MHz	2387.40	-58.20	-50	PASS
Band20	20	24350	100	#0	16QAM	3400 MHz-3600 MHz	1 MHz	3593.80	-57.58	-50	PASS
Band20	20	24350	100	#0	16QAM	3600 MHz-3800 MHz	1 MHz	3654.40	-57.83	-50	PASS
Band20	20	24350	100	#0	16QAM	2110	1	2136.64	-58.48	-50	PASS

						MHz-2200 MHz	MHz				
Band20	20	24350	100	#0	16QAM	738 MHz-758 MHz	1 MHz	752.04	-58.81	-50	PASS
Band20	20	24350	100	#0	16QAM	753 MHz-783 MHz	1 MHz	781.14	-59.14	-50	PASS
Band20	20	24350	100	#0	16QAM	758 MHz-788 MHz	1 MHz	786.65	-59.09	-50	PASS
Band20	20	24350	100	#0	16QAM	470 MHz-790 MHz	8 MHz	774.96	-70.08	-50	PASS

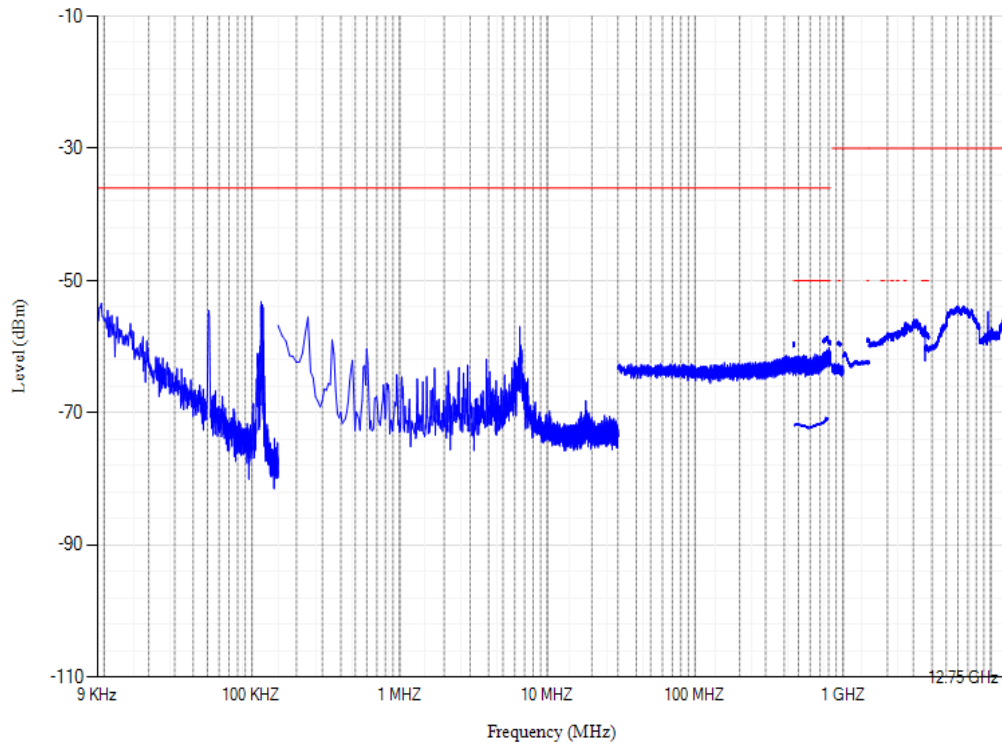
Band20 QPSK BW=5MHz Channel=24175 RB Size=1 Position=#0

Conducted spurious emissions



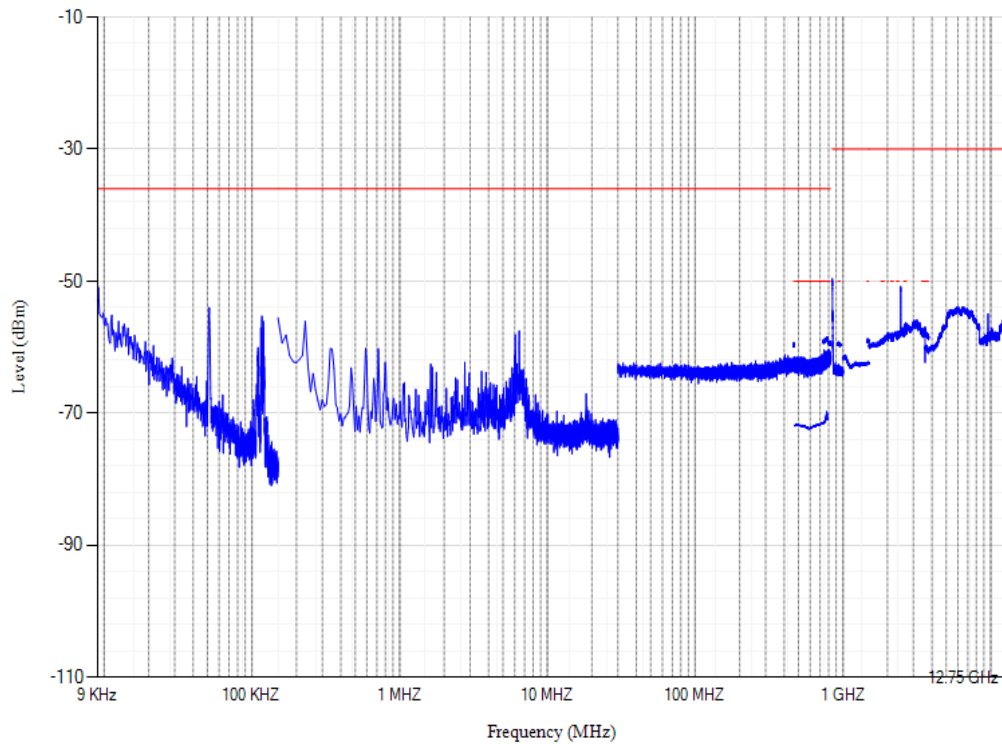
Band20 QPSK BW=5MHz Channel=24175 RB Size=1 Position=#Max

Conducted spurious emissions

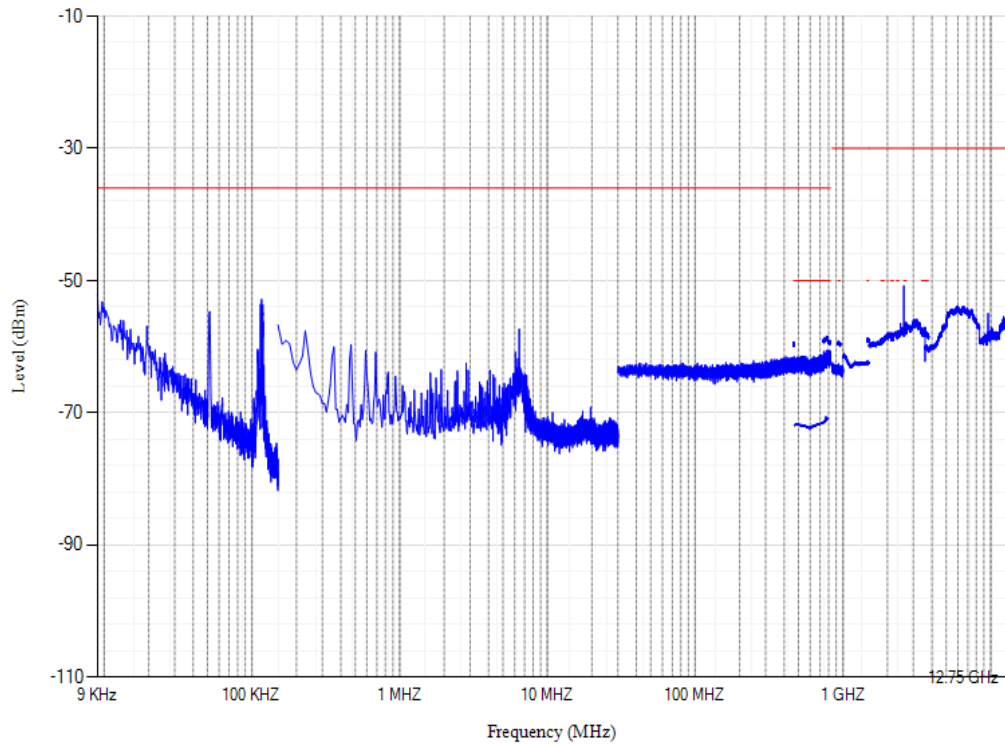


Band20 QPSK BW=5MHz Channel=24175 RB Size=25 Position=#0

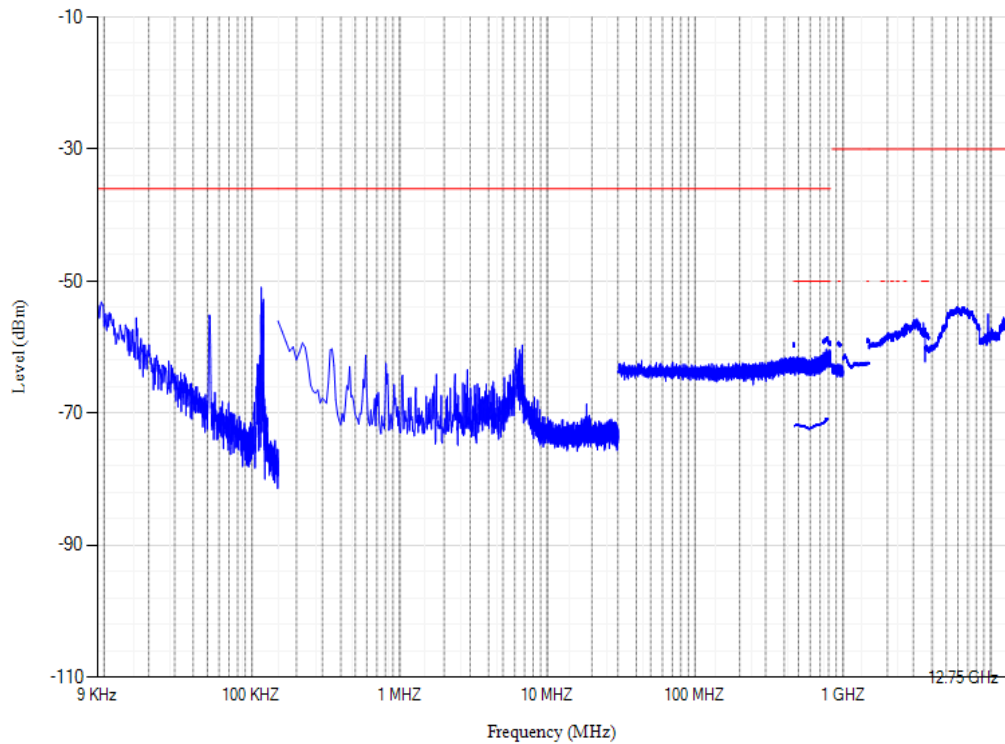
Conducted spurious emissions



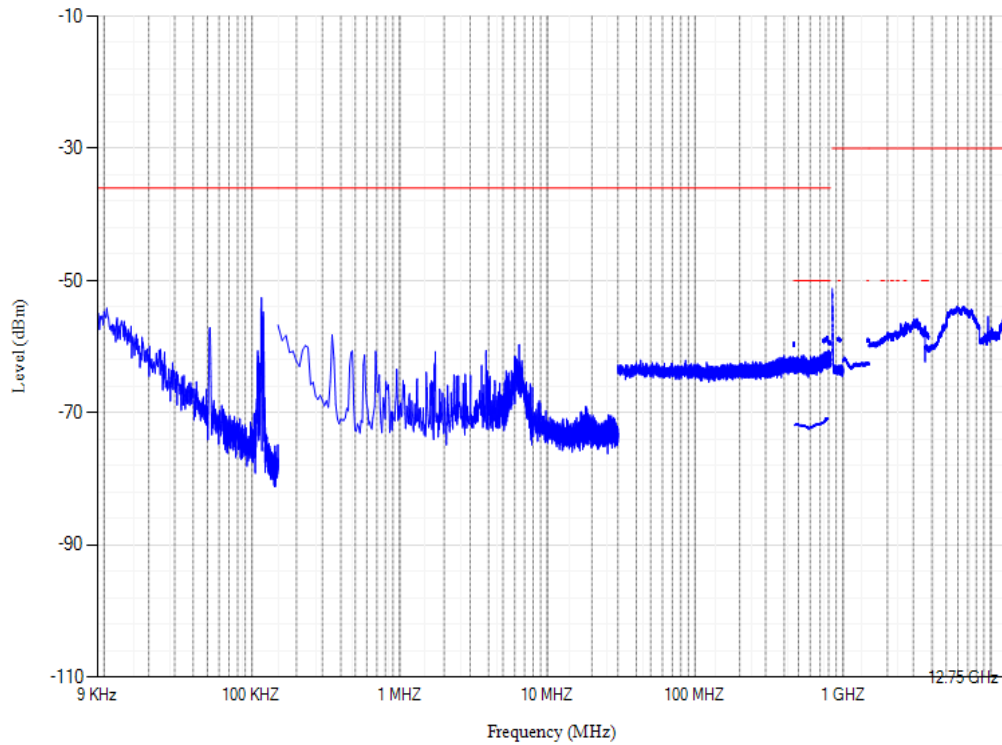
Band20 16QAM BW=5MHz Channel=24175 RB Size=1 Position=#0

Conducted spurious emissions


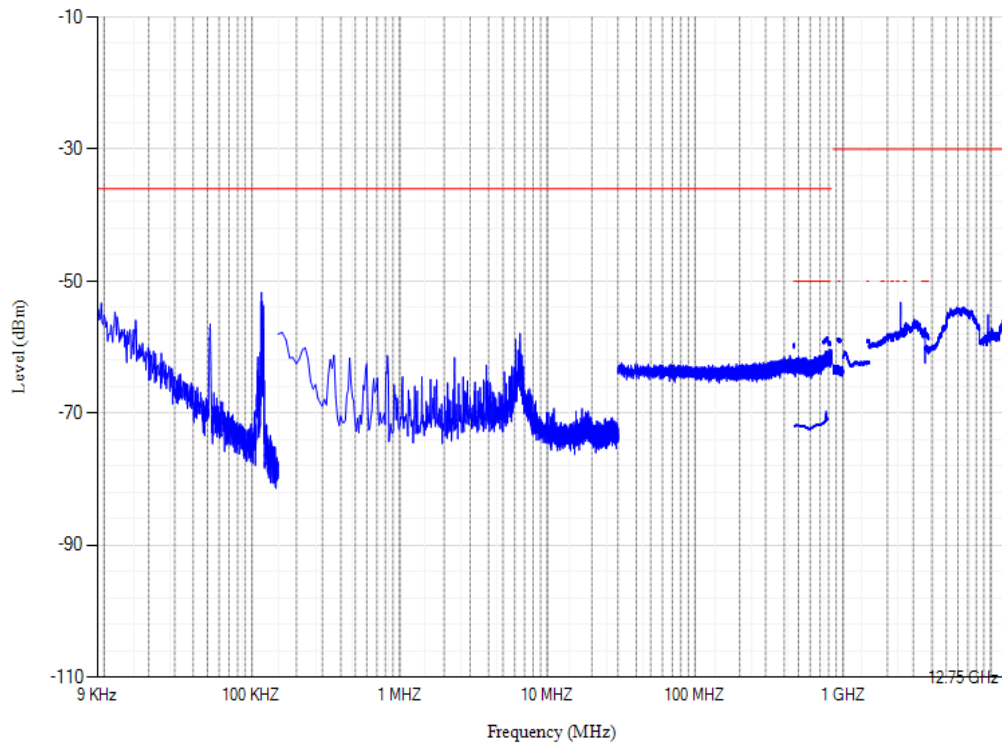
Band20 16QAM BW=5MHz Channel=24175 RB Size=1 Position=#Max

Conducted spurious emissions


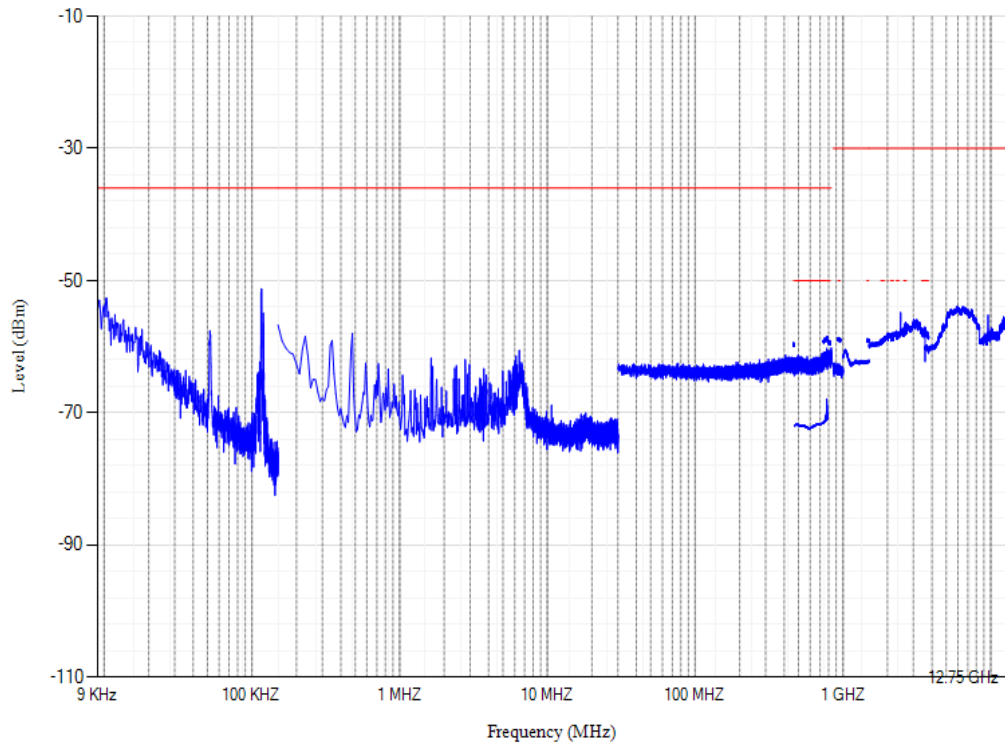
Band20 16QAM BW=5MHz Channel=24175 RB Size=25 Position=#0

Conducted spurious emissions


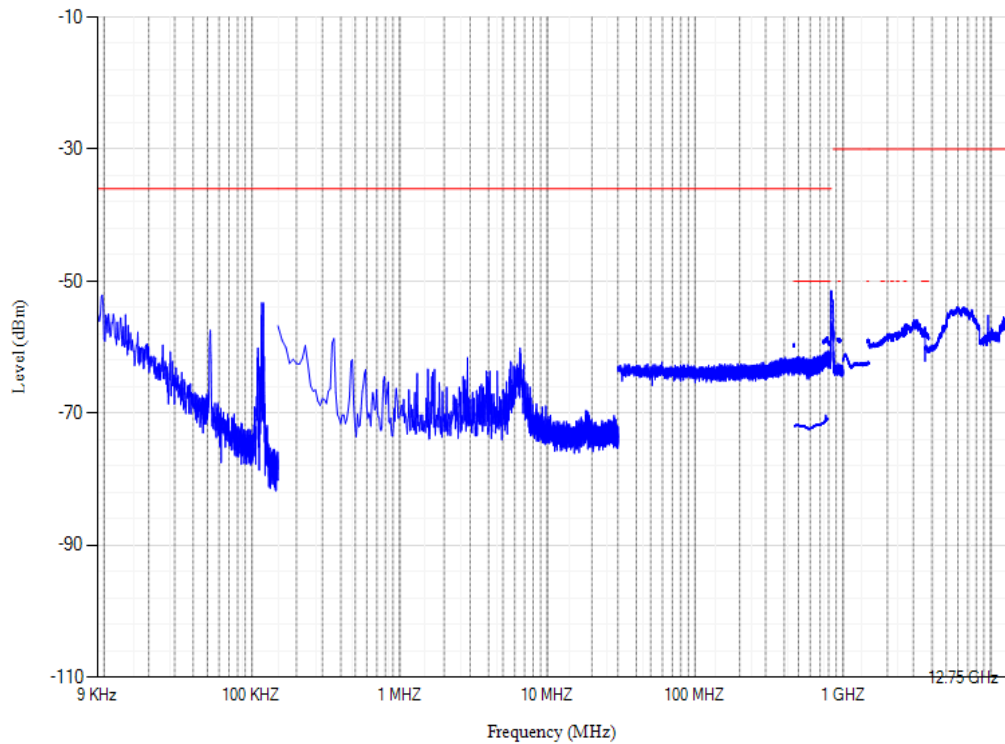
Band20 QPSK BW=5MHz Channel=24300 RB Size=1 Position=#0

Conducted spurious emissions


Band20 QPSK BW=5MHz Channel=24300 RB Size=1 Position=#Max

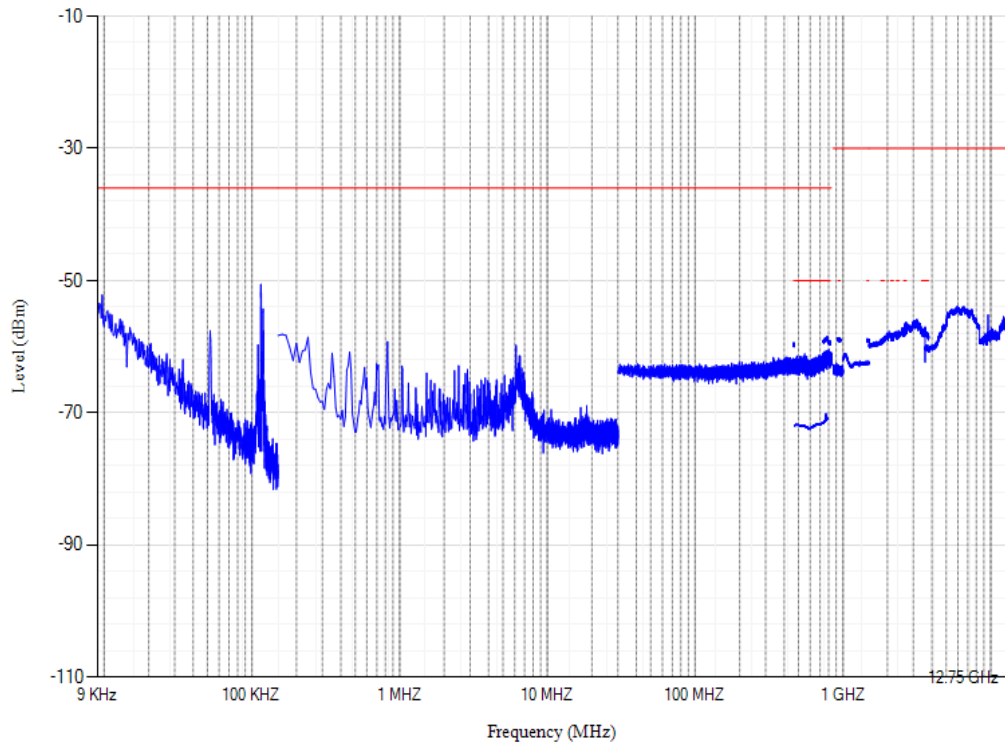
Conducted spurious emissions


Band20 QPSK BW=5MHz Channel=24300 RB Size=25 Position=#0

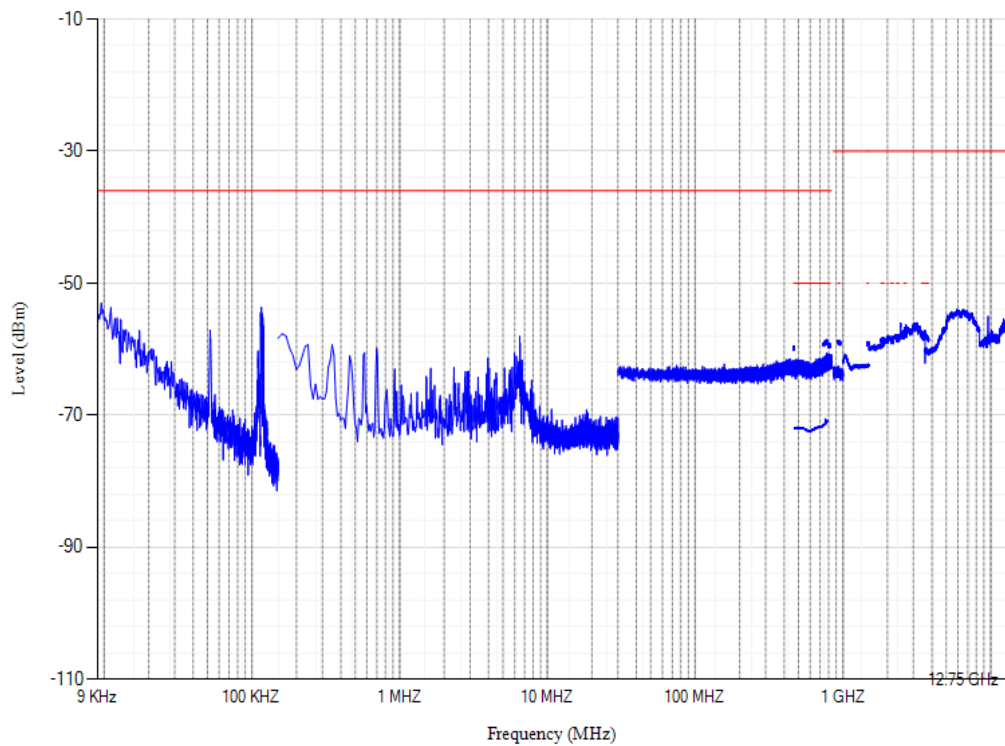
Conducted spurious emissions


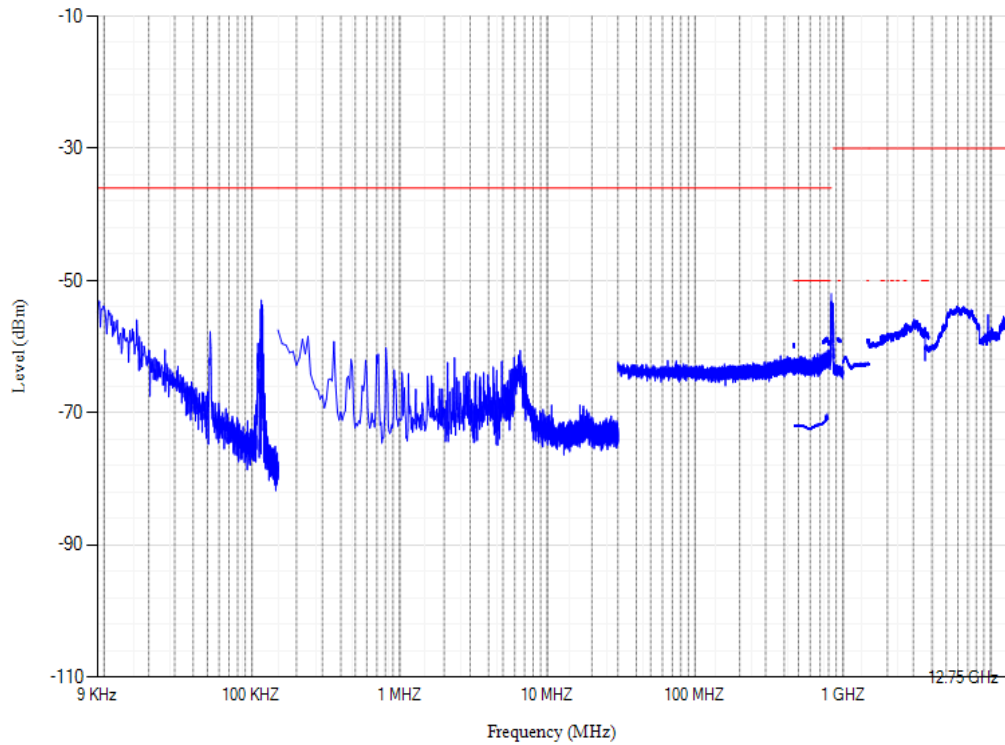
Band20 16QAM BW=5MHz Channel=24300 RB Size=1 Position=#0

Conducted spurious emissions

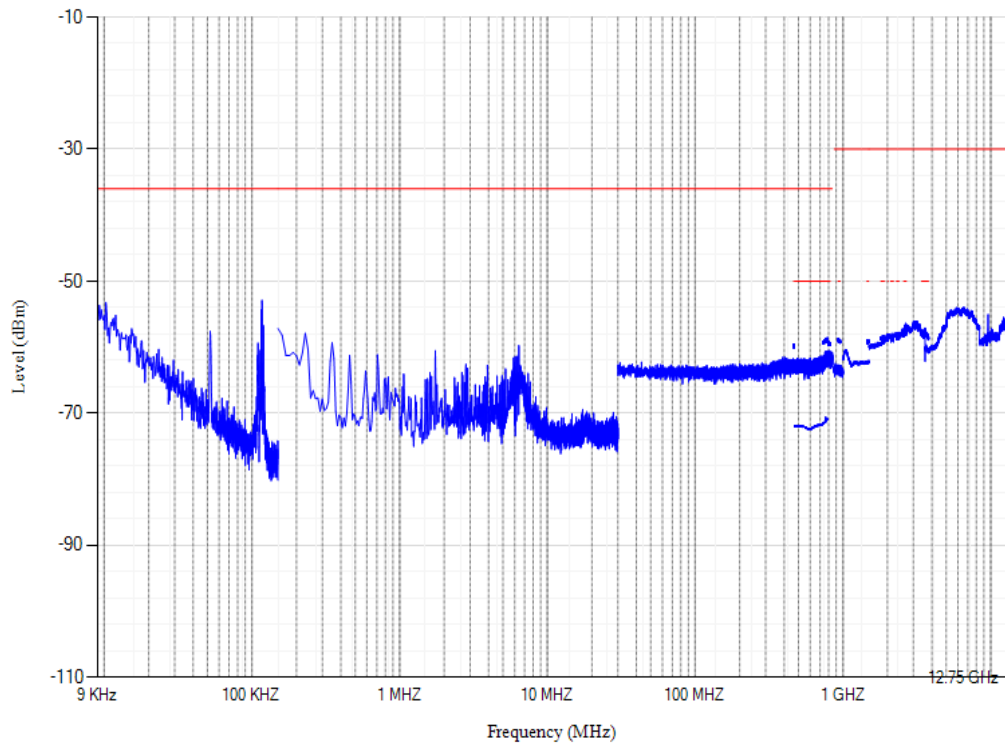


Conducted spurious emissions



Conducted spurious emissions


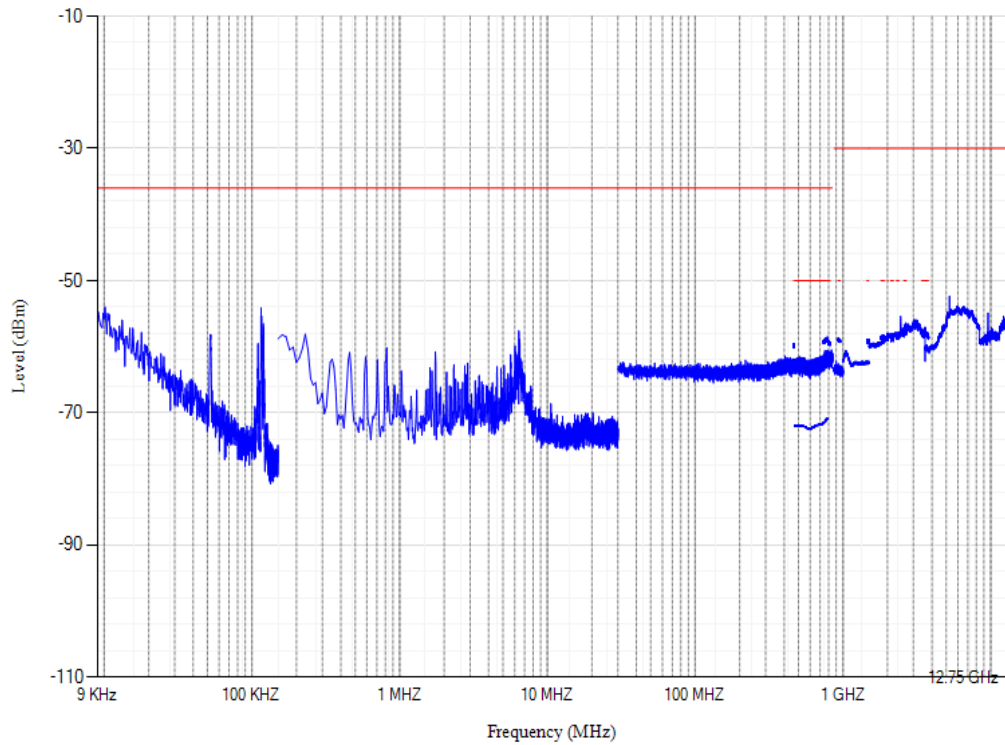
Band20 QPSK BW=5MHz Channel=24425 RB Size=1 Position=#0

Conducted spurious emissions


Band20 QPSK BW=5MHz Channel=24425 RB Size=1 Position=#Max

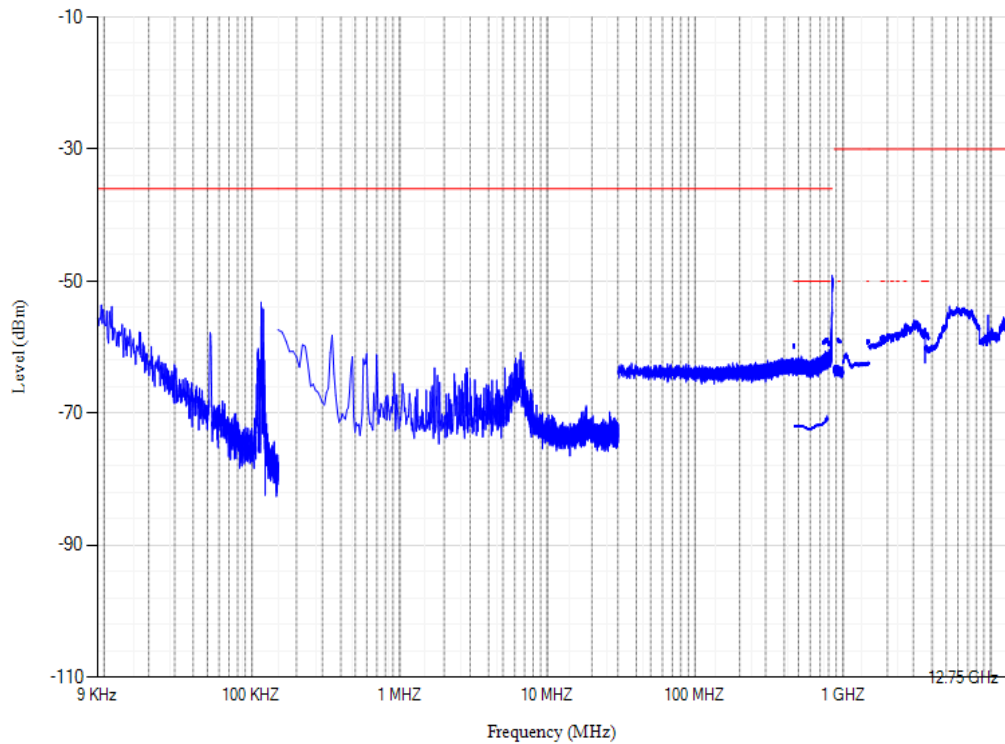


Conducted spurious emissions

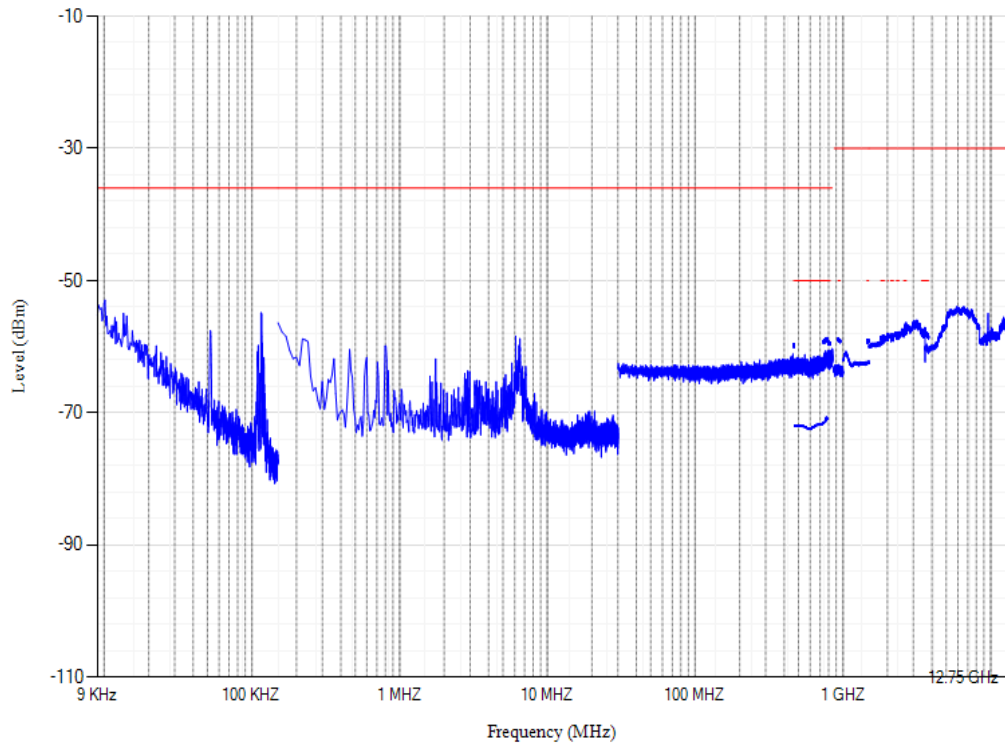
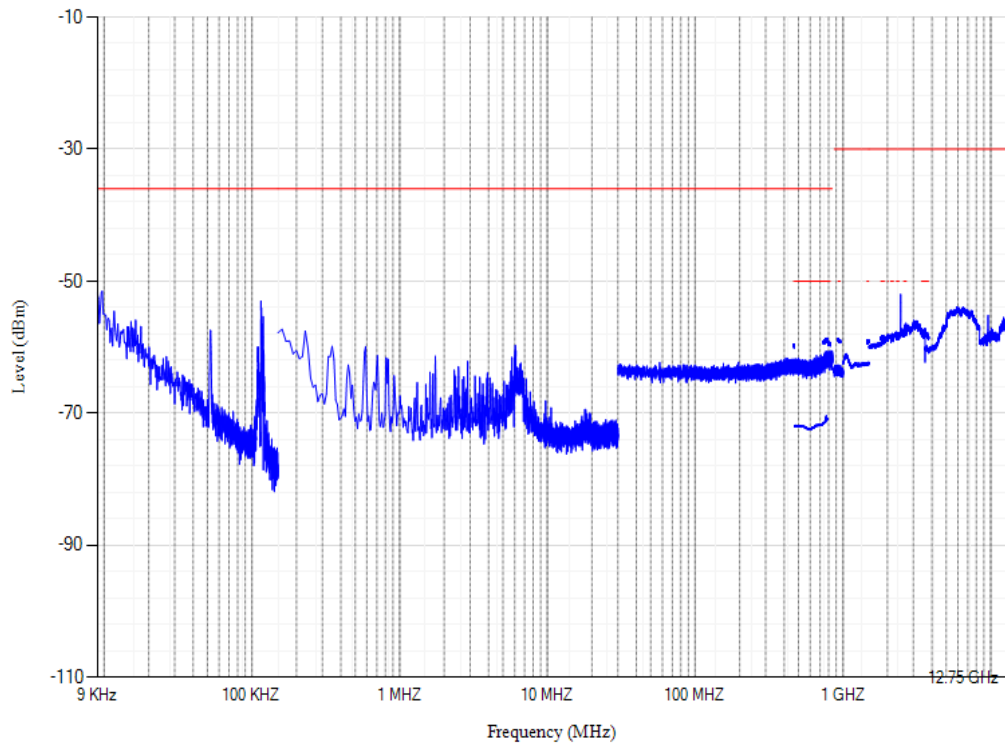


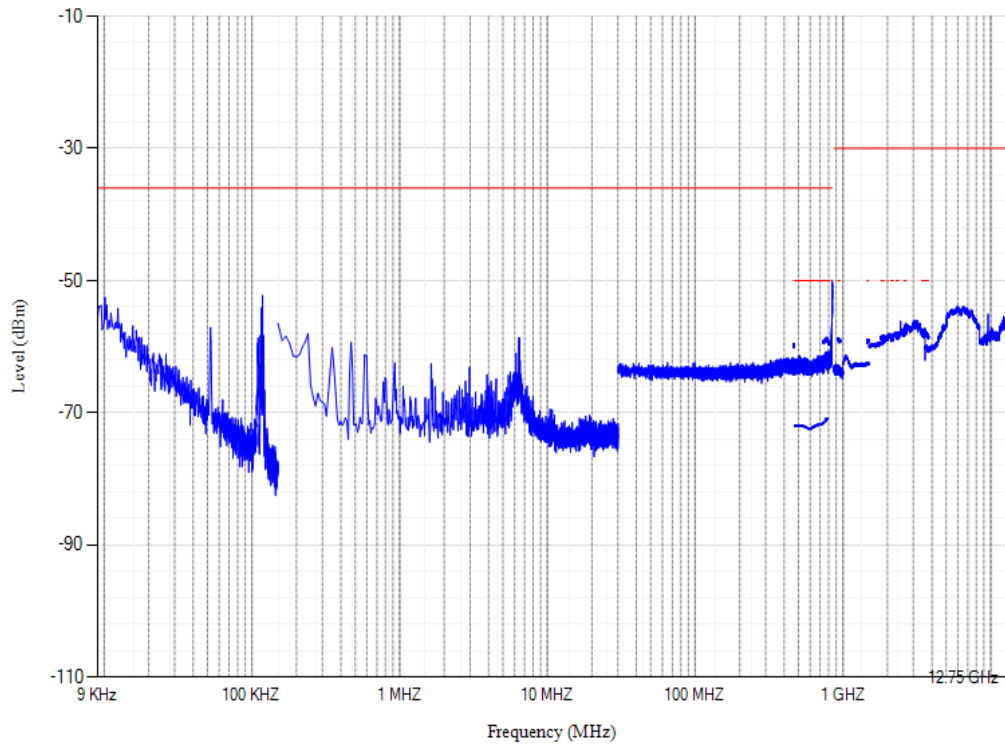
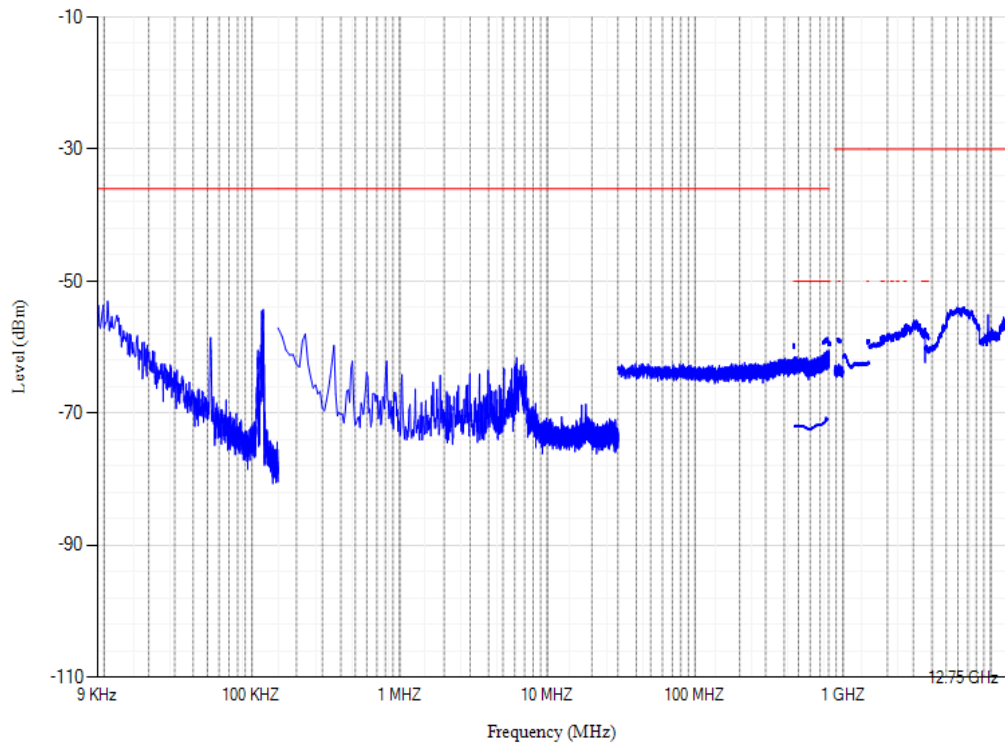
Band20 QPSK BW=5MHz Channel=24425 RB Size=25 Position=#0

Conducted spurious emissions



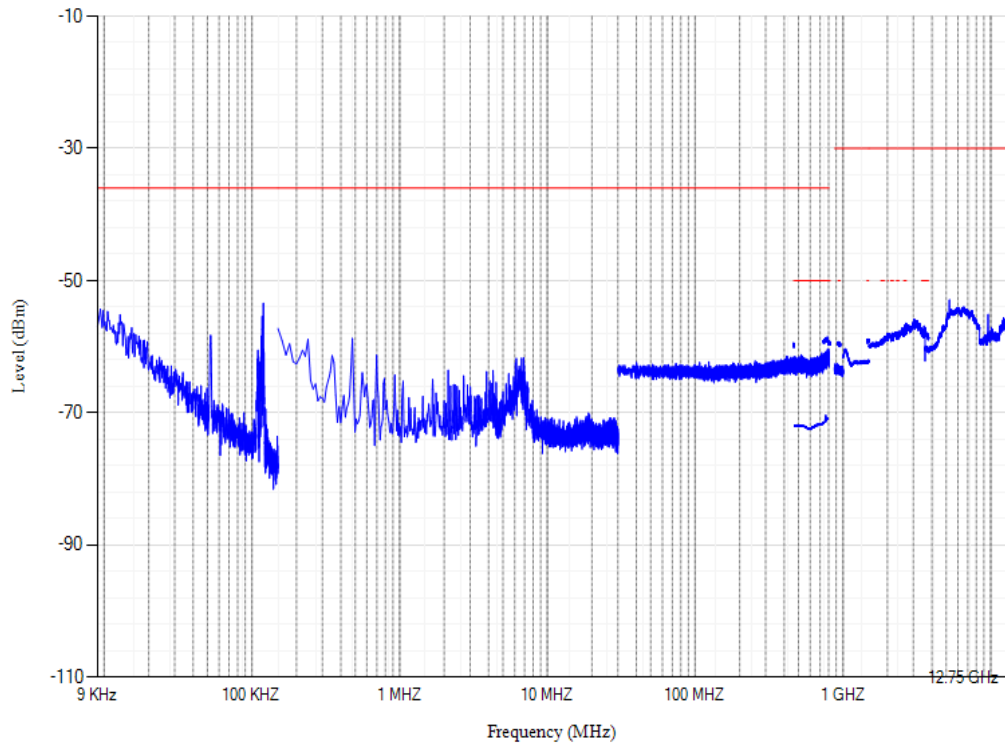
Band20 16QAM BW=5MHz Channel=24425 RB Size=1 Position=#0

Conducted spurious emissions

Conducted spurious emissions


Conducted spurious emissions

Conducted spurious emissions


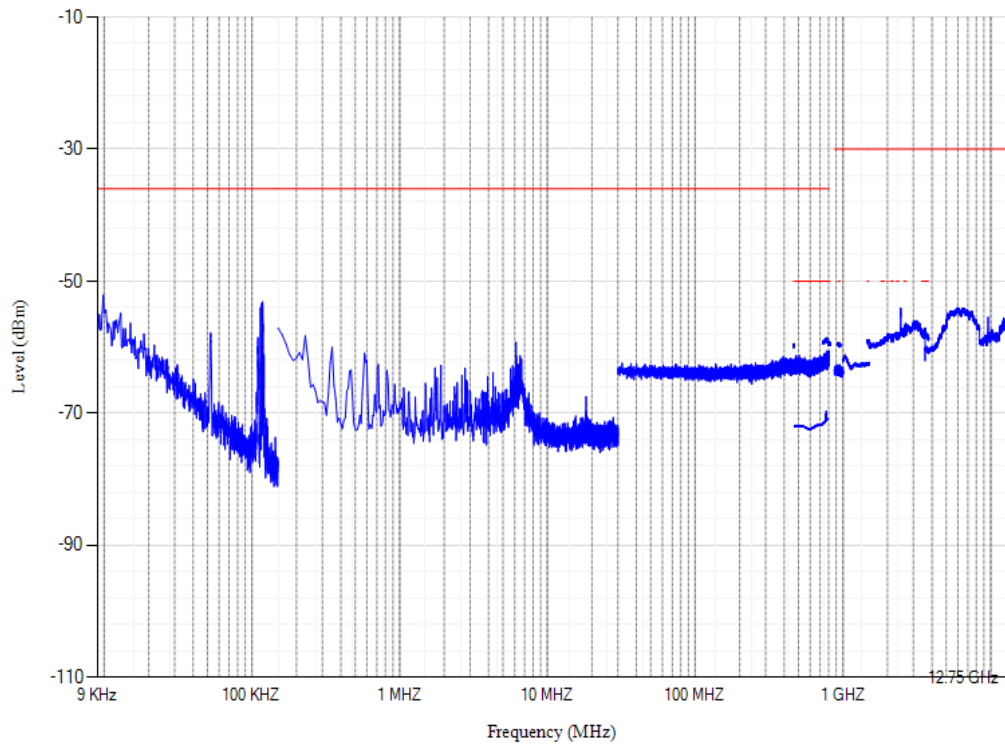


Conducted spurious emissions



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

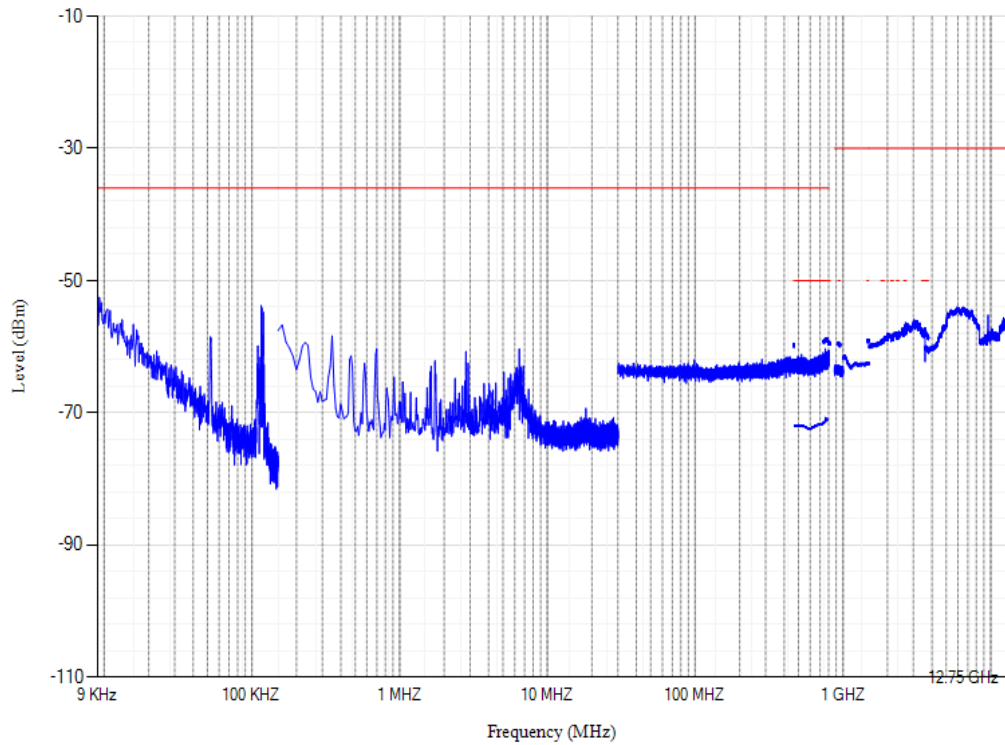
Conducted spurious emissions



Band20 16QAM BW=20MHz Channel=24250 RB Size=1 Position=#0

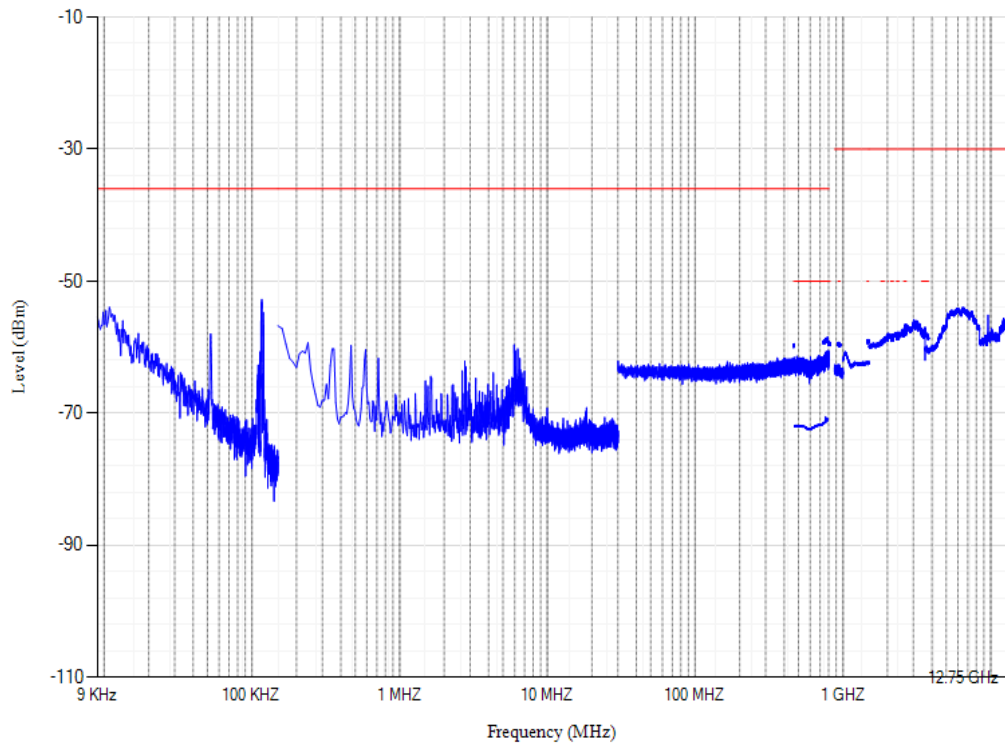


Conducted spurious emissions

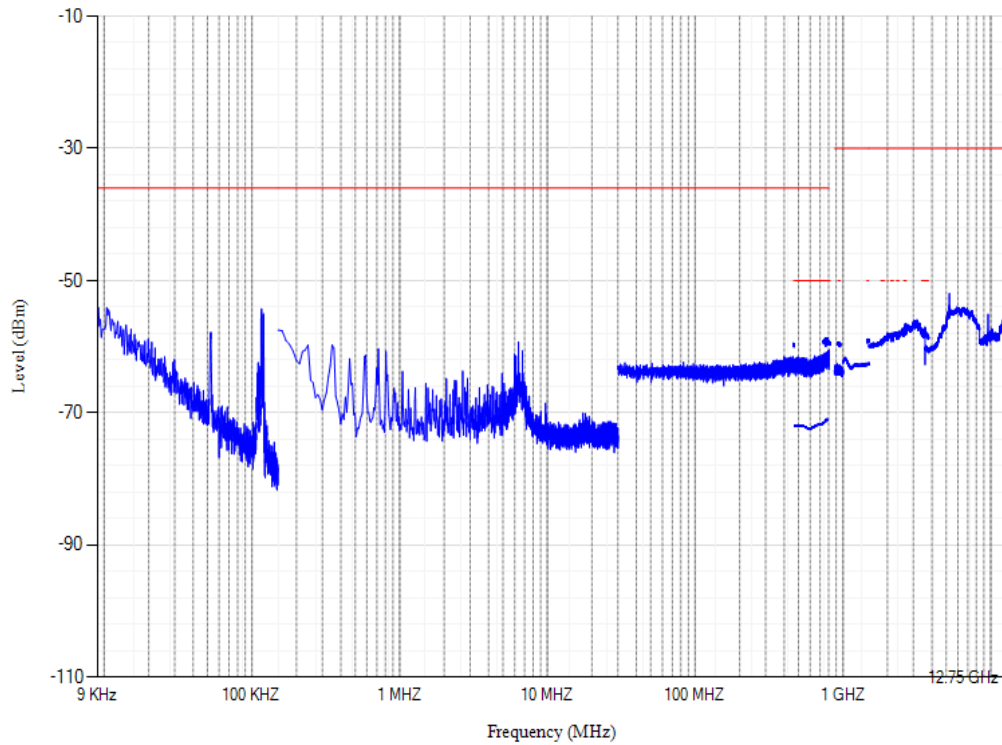
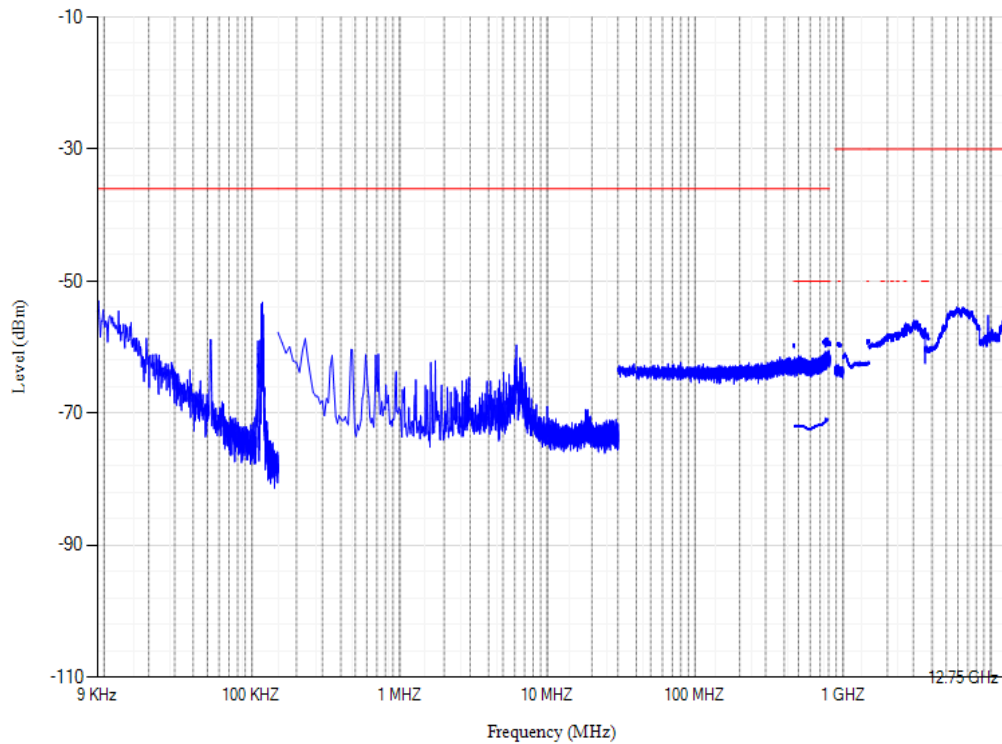


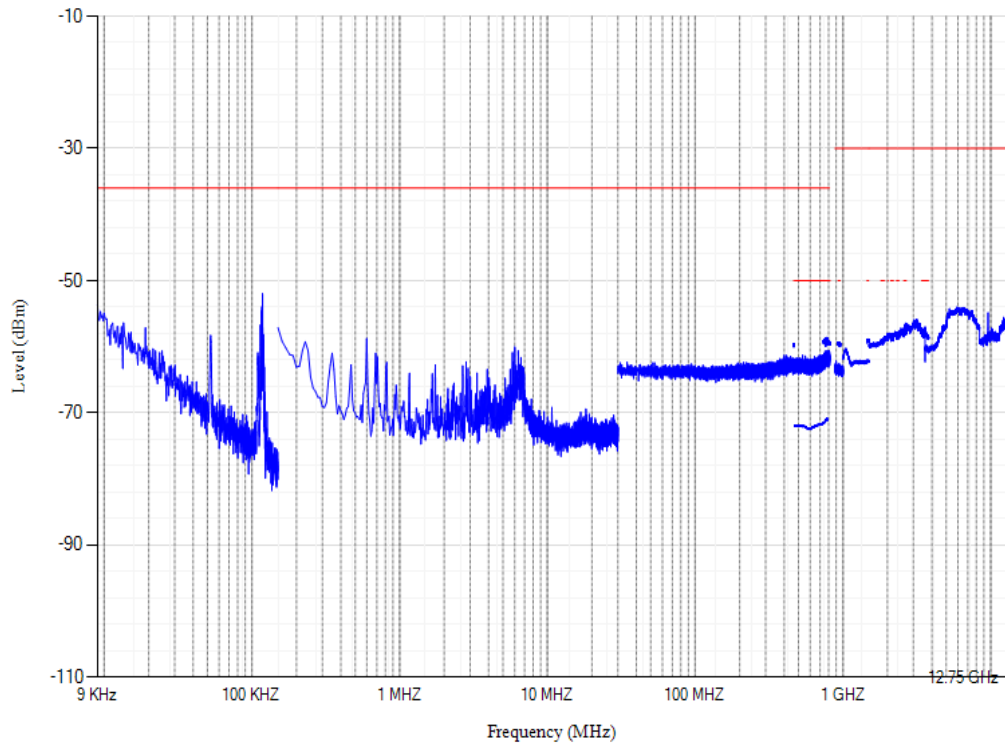
Band20 16QAM BW=20MHz Channel=24250 RB Size=1 Position=#Max

Conducted spurious emissions

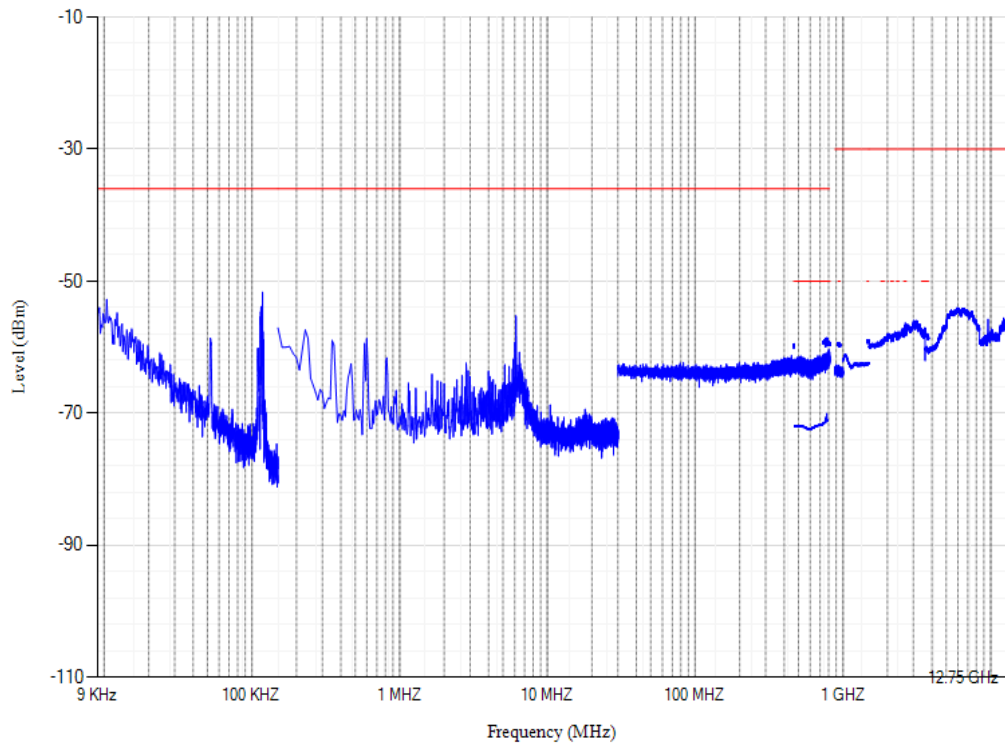


Band20 16QAM BW=20MHz Channel=24250 RB Size=100 Position=#0

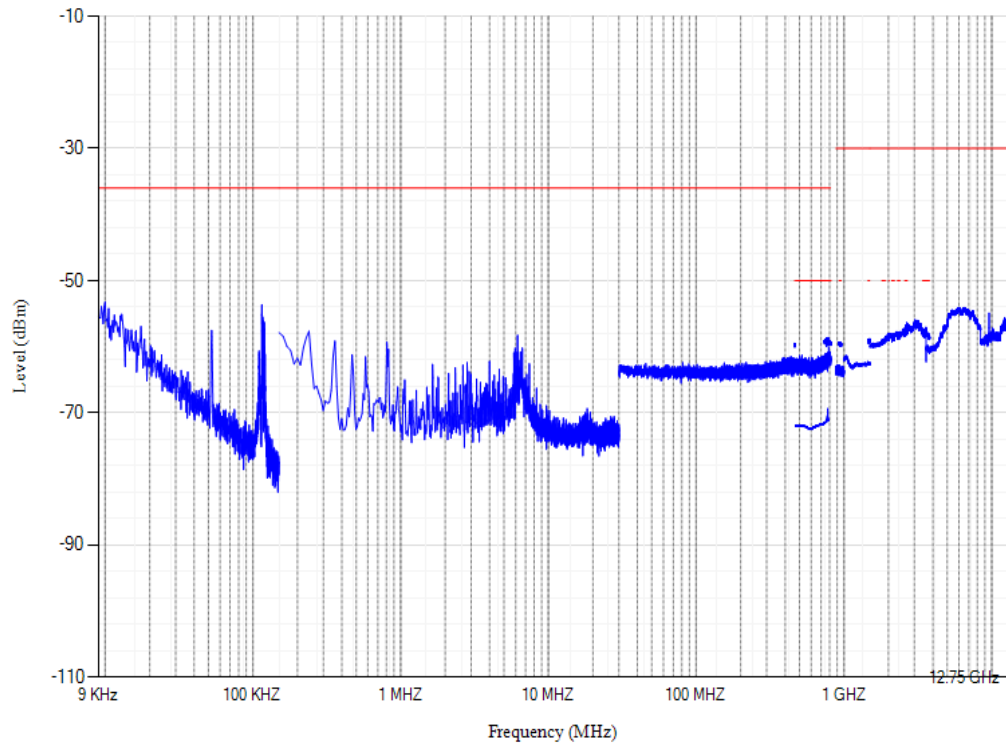
Conducted spurious emissions

Conducted spurious emissions


Conducted spurious emissions


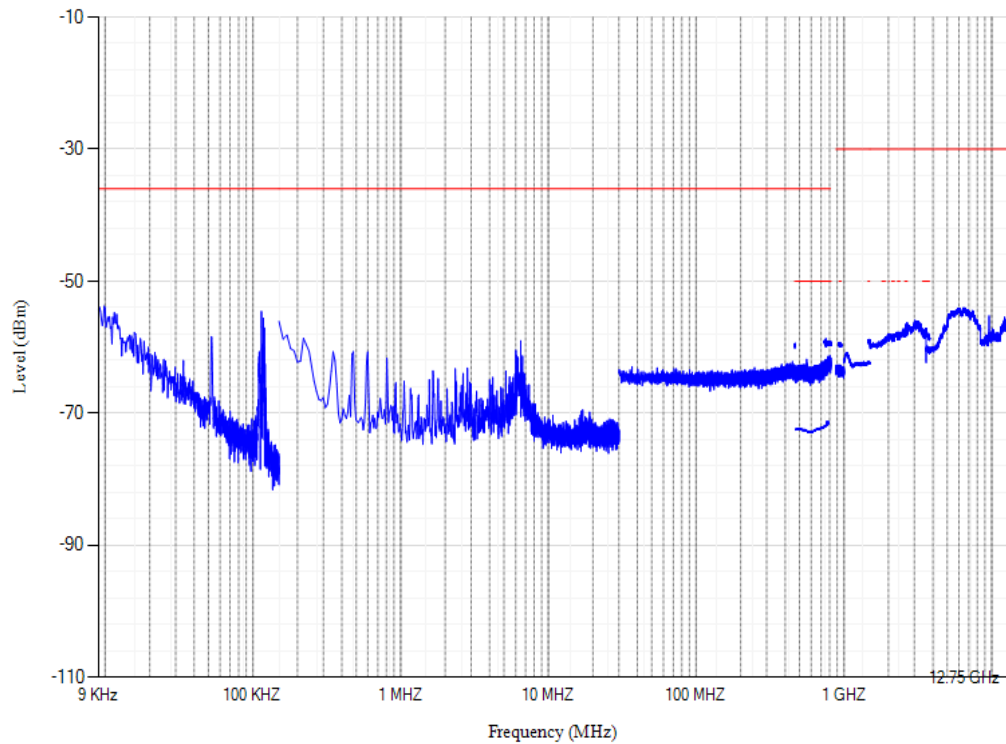
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0

Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24300 RB Size=1 Position=#0

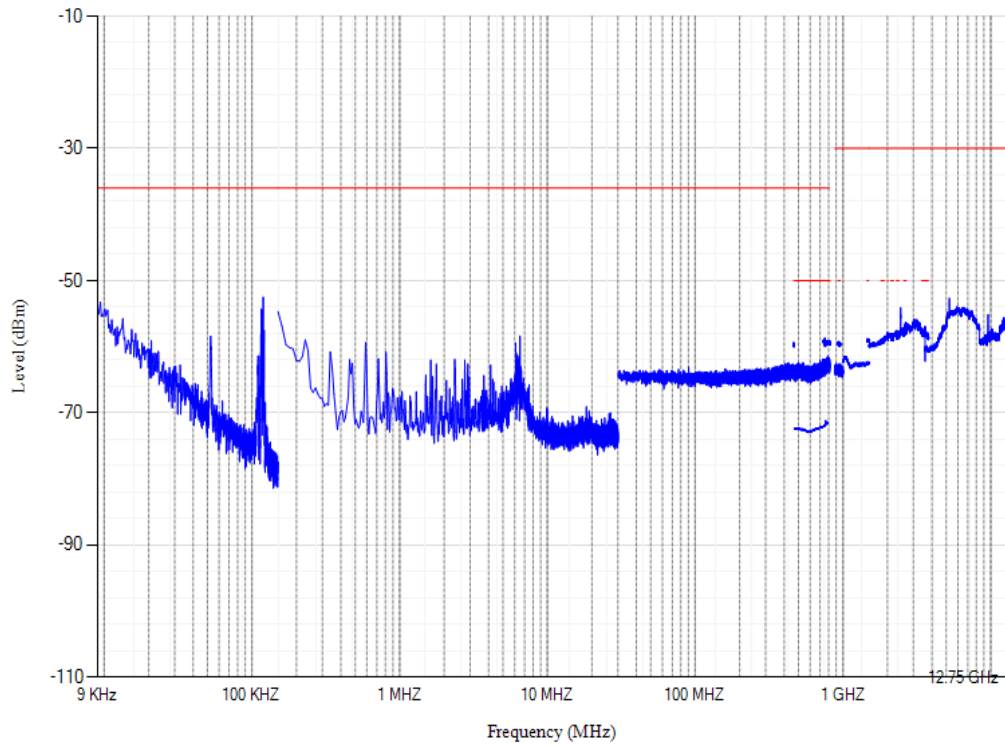
Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24300 RB Size=1 Position=#Max

Conducted spurious emissions


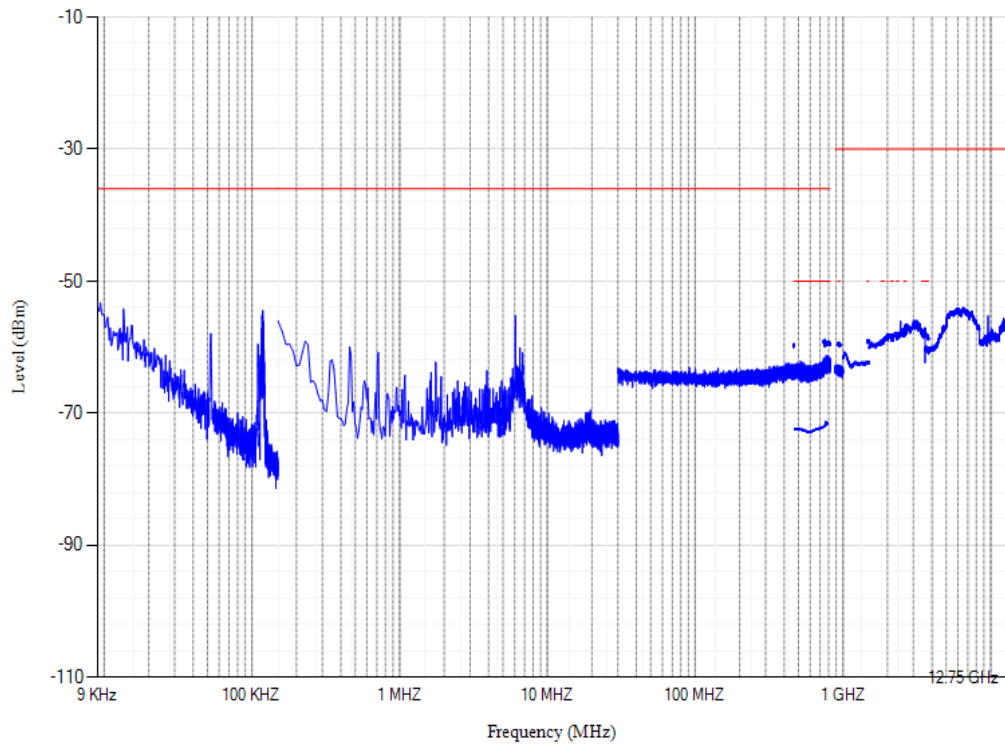
Band20 16QAM BW=20MHz Channel=24300 RB Size=100 Position=#0

Conducted spurious emissions

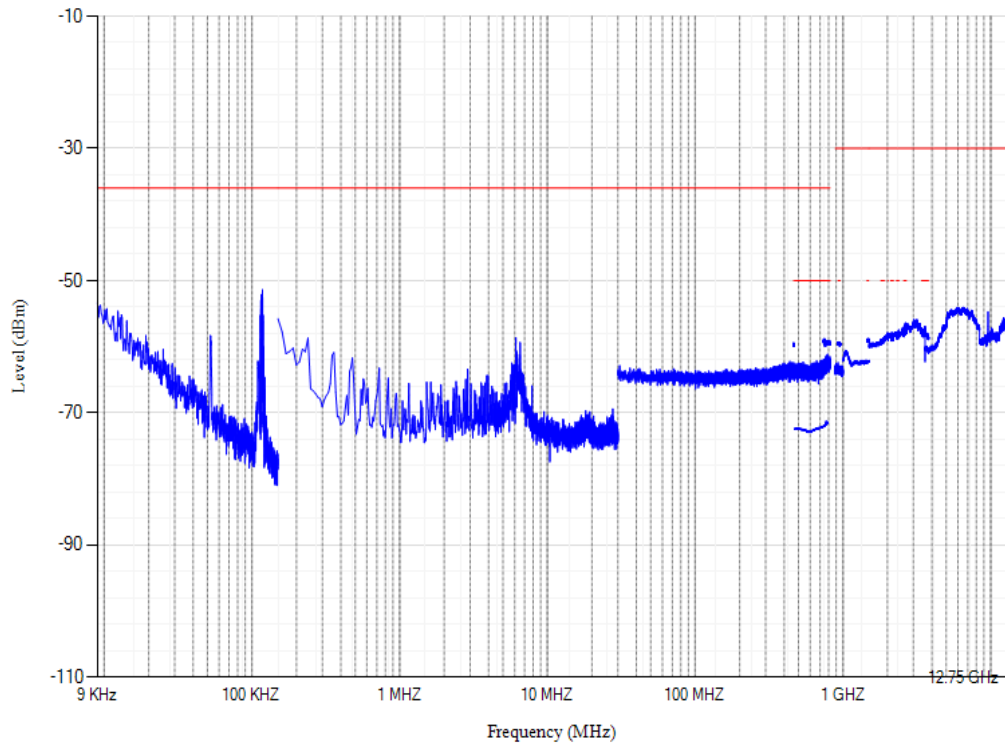


Band20 QPSK BW=20MHz Channel=24350 RB Size=1 Position=#0

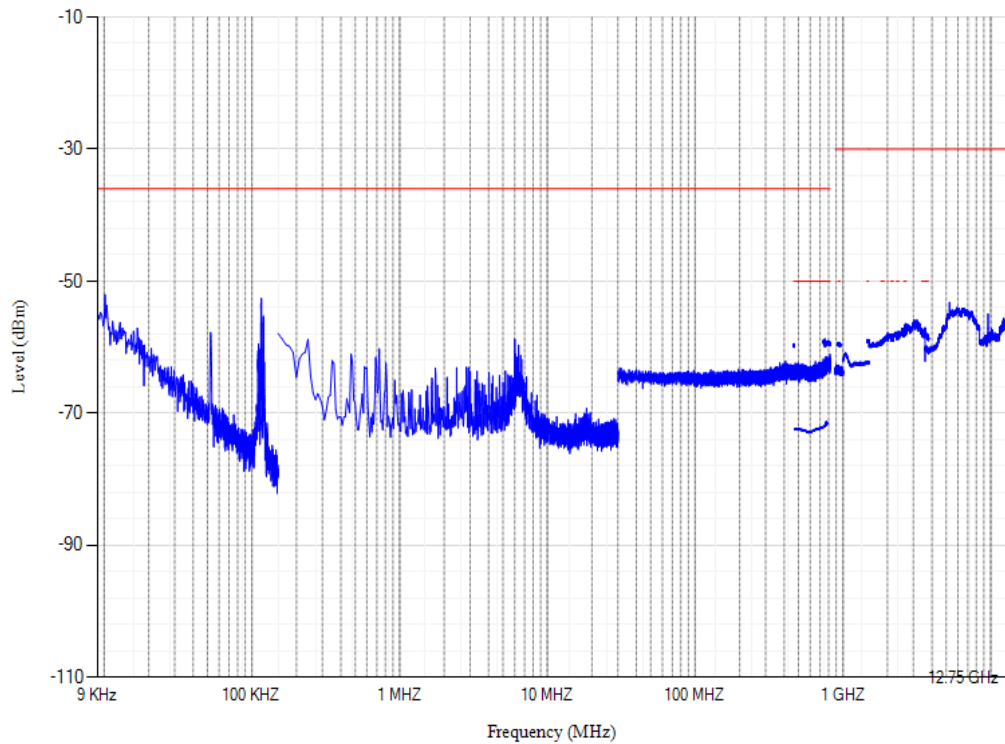
Conducted spurious emissions



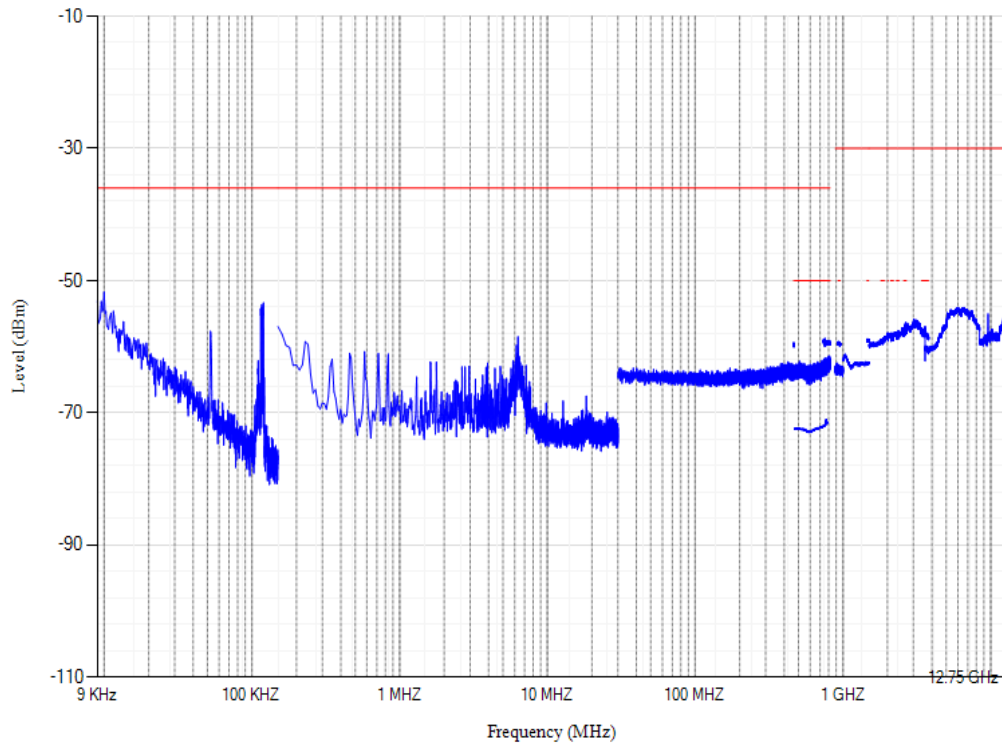
Band20 QPSK BW=20MHz Channel=24350 RB Size=1 Position=#Max

Conducted spurious emissions


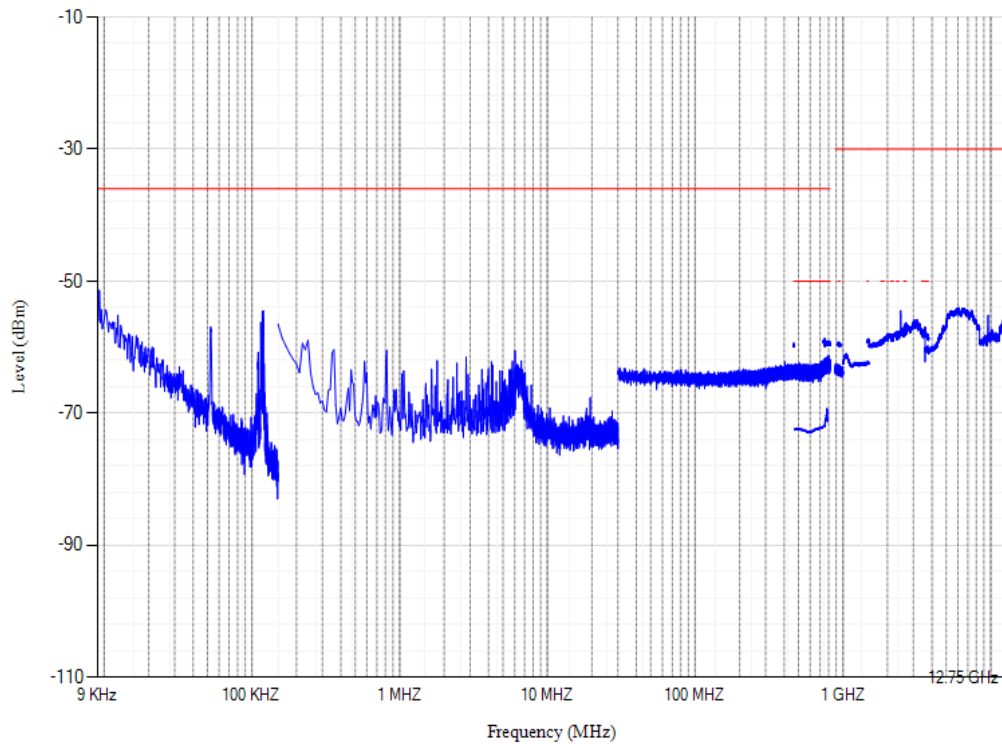
Band20 QPSK BW=20MHz Channel=24350 RB Size=100 Position=#0

Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24350 RB Size=1 Position=#0

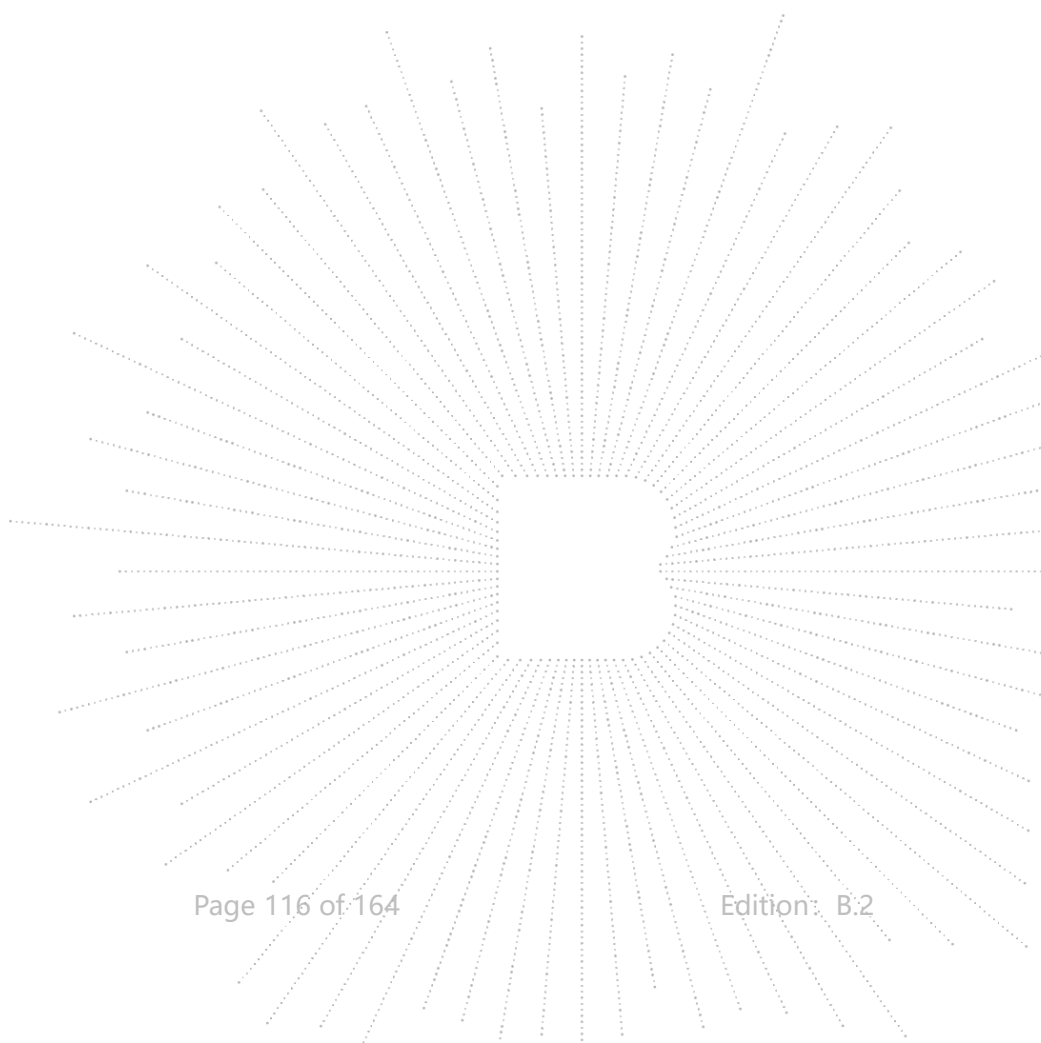
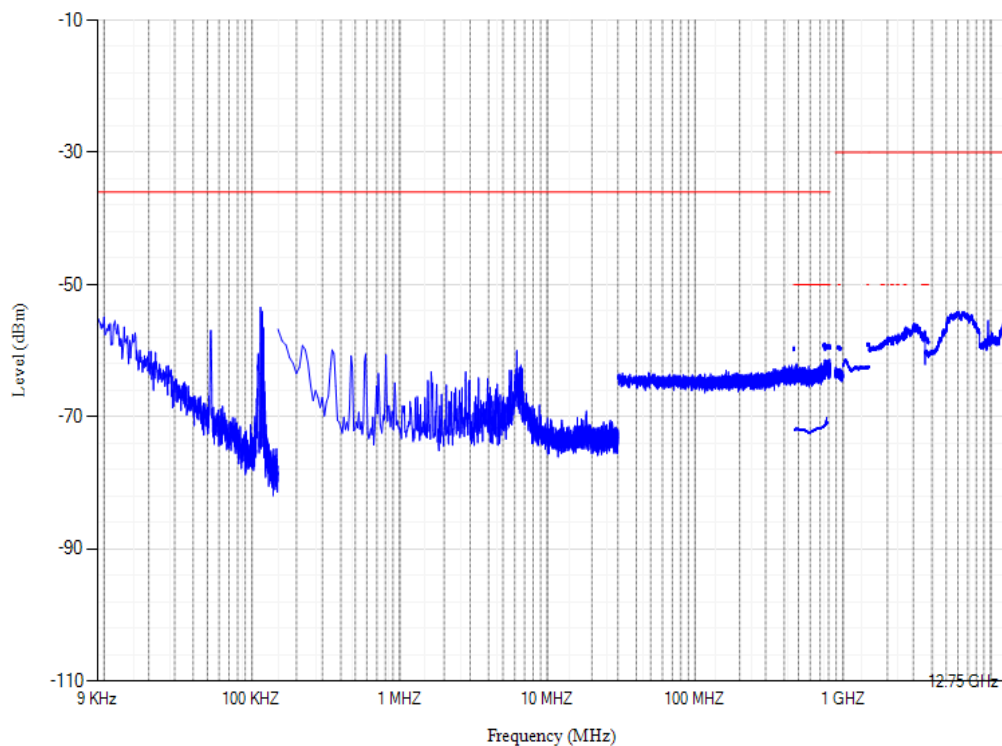
Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24350 RB Size=1 Position=#Max

Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24350 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
Band20	5	24175	25	#0	QPSK	-49.72	-39	PASS
Band20	5	24300	25	#0	QPSK	-49.83	-39	PASS
Band20	5	24425	25	#0	QPSK	-49.73	-39	PASS
Band20	20	24250	100	#0	QPSK	-49.53	-39	PASS
Band20	20	24300	100	#0	QPSK	-49.54	-39	PASS
Band20	20	24350	100	#0	QPSK	-49.53	-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
Band20	5	24300	25	QPSK	Case1	800.9975	-51.5	100.00	95	PASS
Band20	5	24300	25	QPSK	Case1	811.0025	-51.5	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	800.9975	-25	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	811.0025	-25	100.00	95	PASS
Band20	5	24300	25	16QAM	Case1	800.9975	-51.5	100.00	95	PASS
Band20	5	24300	25	16QAM	Case1	811.0025	-51.5	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	800.9975	-25	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	811.0025	-25	100.00	95	PASS
Band20	20	24300	100	QPSK	Case1	793.4975	-50.5	100.00	95	PASS
Band20	20	24300	100	QPSK	Case1	818.5025	-50.5	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	793.4975	-25	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	818.5025	-25	100.00	95	PASS
Band20	20	24300	100	16QAM	Case1	793.4975	-50.5	100.00	95	PASS
Band20	20	24300	100	16QAM	Case1	818.5025	-50.5	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	793.4975	-25	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	818.5025	-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
Band20	5	24300	25	QPSK	Case1	795.9875	-56	100.00	95	PASS
Band20	5	24300	25	QPSK	Case1	816.0125	-56	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	790.9925	-44	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	785.9925	-44	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	780.9925	-44	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	821.0075	-44	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	826.0075	-44	100.00	95	PASS
Band20	5	24300	25	QPSK	Case2	831.0075	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case1	795.9875	-56	100.00	95	PASS
Band20	5	24300	25	16QAM	Case1	816.0125	-56	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	790.9925	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	785.9925	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	780.9925	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	821.0075	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	826.0075	-44	100.00	95	PASS
Band20	5	24300	25	16QAM	Case2	831.0075	-44	100.00	95	PASS
Band20	20	24300	100	QPSK	Case1	788.4875	-56	100.00	95	PASS
Band20	20	24300	100	QPSK	Case1	823.5125	-56	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	783.4925	-44	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	778.4925	-44	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	828.5075	-44	100.00	95	PASS
Band20	20	24300	100	QPSK	Case2	833.5075	-44	100.00	95	PASS
Band20	20	24300	100	16QAM	Case1	788.4875	-56	100.00	95	PASS
Band20	20	24300	100	16QAM	Case1	823.5125	-56	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	783.4925	-44	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	778.4925	-44	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	828.5075	-44	100.00	95	PASS
Band20	20	24300	100	16QAM	Case2	833.5075	-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
Band20	5	24300	25	QPSK	803.2925	-55	100.00	95	PASS
Band20	5	24300	25	QPSK	808.7075	-55	100.00	95	PASS
Band20	5	24300	25	16QAM	803.2925	-55	100.00	95	PASS
Band20	5	24300	25	16QAM	808.7075	-55	100.00	95	PASS
Band20	20	24300	100	QPSK	795.7925	-55	100.00	95	PASS
Band20	20	24300	100	QPSK	816.2075	-55	100.00	95	PASS
Band20	20	24300	100	16QAM	795.7925	-55	100.00	95	PASS
Band20	20	24300	100	16QAM	816.2075	-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
Band20	5	24300	25	QPSK	796	-46	786	-46	100.00	95	PASS
Band20	5	24300	25	QPSK	816	-46	826	-46	100.00	95	PASS
Band20	5	24300	25	16QAM	796	-46	786	-46	100.00	95	PASS
Band20	5	24300	25	16QAM	816	-46	826	-46	100.00	95	PASS
Band20	20	24300	100	QPSK	788.5	-46	771	-46	100.00	95	PASS
Band20	20	24300	100	QPSK	823.5	-46	841	-46	100.00	95	PASS
Band20	20	24300	100	16QAM	788.5	-46	771	-46	100.00	95	PASS
Band20	20	24300	100	16QAM	823.5	-46	841	-46	100.00	95	PASS

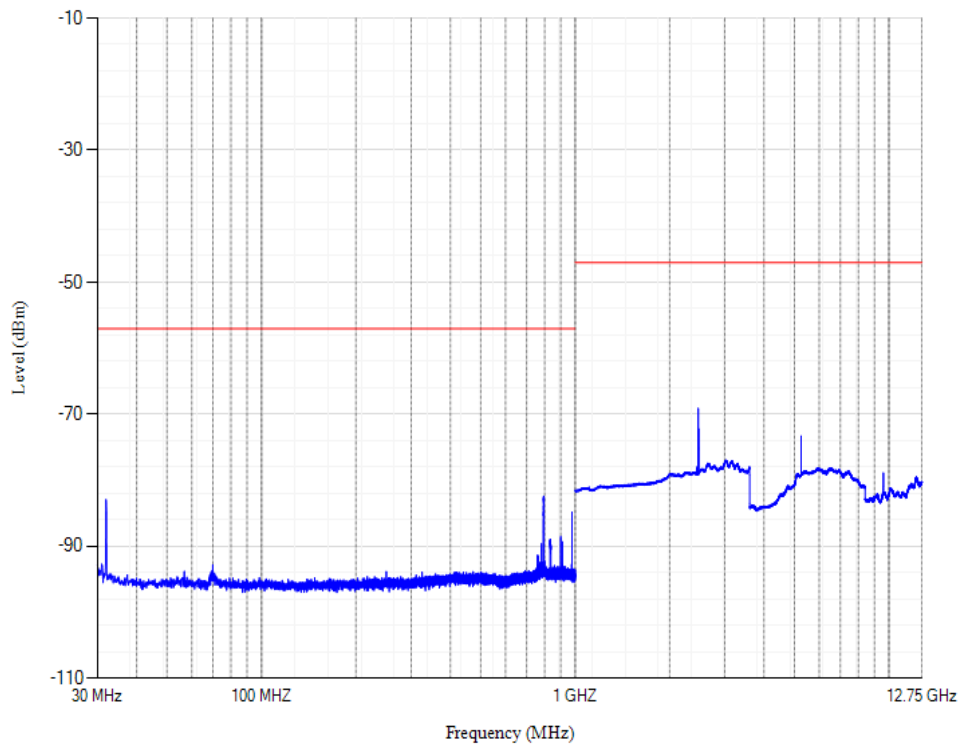
Appendix 9. Receiver spurious emissions

Band	Bandwidth (MHz)	UL Channel	Modulation	Range (MHz)	RBW	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band20	5	24175	QPSK	30 MHz-1000 MHz	100 kHz	793.78	-82.39	-57	PASS
Band20	5	24175	QPSK	1000 MHz-12.75 GHz	1 MHz	2466.79	-69.09	-47	PASS
Band20	5	24175	16QAM	30 MHz-1000 MHz	100 kHz	31.94	-82.13	-57	PASS
Band20	5	24175	16QAM	1000 MHz-12.75 GHz	1 MHz	3021.00	-76.93	-47	PASS
Band20	5	24300	QPSK	30 MHz-1000 MHz	100 kHz	31.94	-82.96	-57	PASS
Band20	5	24300	QPSK	1000 MHz-12.75 GHz	1 MHz	2460.92	-72.87	-47	PASS
Band20	5	24300	16QAM	30 MHz-1000 MHz	100 kHz	31.94	-83.16	-57	PASS
Band20	5	24300	16QAM	1000 MHz-12.75 GHz	1 MHz	5255.46	-70.56	-47	PASS
Band20	5	24425	QPSK	30 MHz-1000 MHz	100 kHz	31.94	-83.31	-57	PASS
Band20	5	24425	QPSK	1000 MHz-12.75 GHz	1 MHz	2456.02	-57.00	-47	PASS
Band20	5	24425	16QAM	30 MHz-1000 MHz	100 kHz	31.94	-83.05	-57	PASS
Band20	5	24425	16QAM	1000 MHz-12.75 GHz	1 MHz	2463.85	-68.05	-47	PASS
Band20	20	24250	QPSK	30 MHz-1000 MHz	100 kHz	794.07	-82.40	-57	PASS
Band20	20	24250	QPSK	1000 MHz-12.75 GHz	1 MHz	2424.69	-60.98	-47	PASS
Band20	20	24250	16QAM	30 MHz-1000 MHz	100 kHz	794.07	-82.53	-57	PASS
Band20	20	24250	16QAM	1000 MHz-12.75 GHz	1 MHz	2456.02	-59.03	-47	PASS
Band20	20	24300	QPSK	30 MHz-1000 MHz	100 kHz	899.99	-83.00	-57	PASS
Band20	20	24300	QPSK	1000 MHz-12.75 GHz	1 MHz	2449.17	-69.83	-47	PASS
Band20	20	24300	16QAM	30 MHz-1000 MHz	100 kHz	31.94	-83.16	-57	PASS

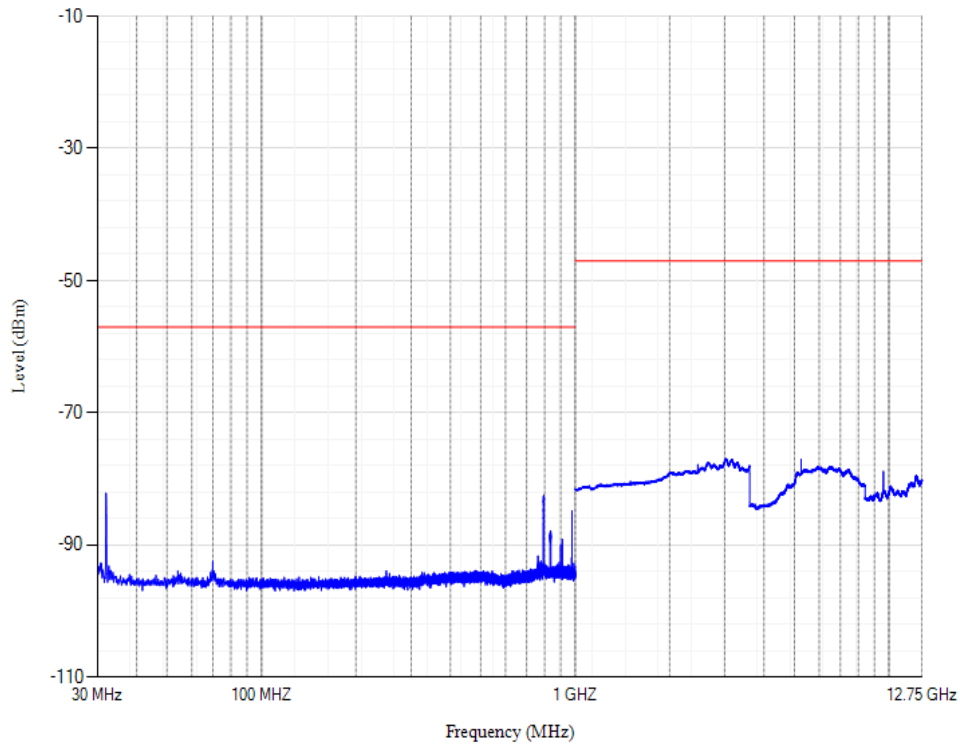
Band20	20	24300	16QAM	1000 MHz-12.75 GHz	1 MHz	5255.46	-73.26	-47	PASS
Band20	20	24350	QPSK	30 MHz-1000 MHz	100 kHz	31.94	-82.86	-57	PASS
Band20	20	24350	QPSK	1000 MHz-12.75 GHz	1 MHz	5252.52	-76.17	-47	PASS
Band20	20	24350	16QAM	30 MHz-1000 MHz	100 kHz	899.99	-82.71	-57	PASS
Band20	20	24350	16QAM	1000 MHz-12.75 GHz	1 MHz	3025.90	-76.98	-47	PASS

Band20 QPSK BW=5MHz Channel=24175

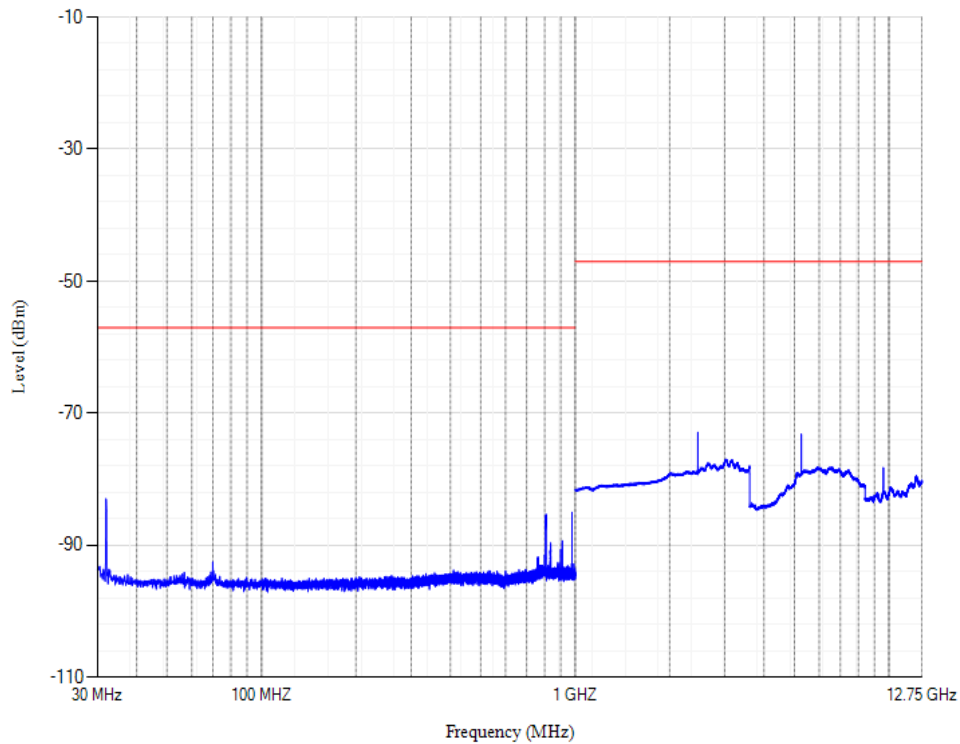
Conducted spurious emissions



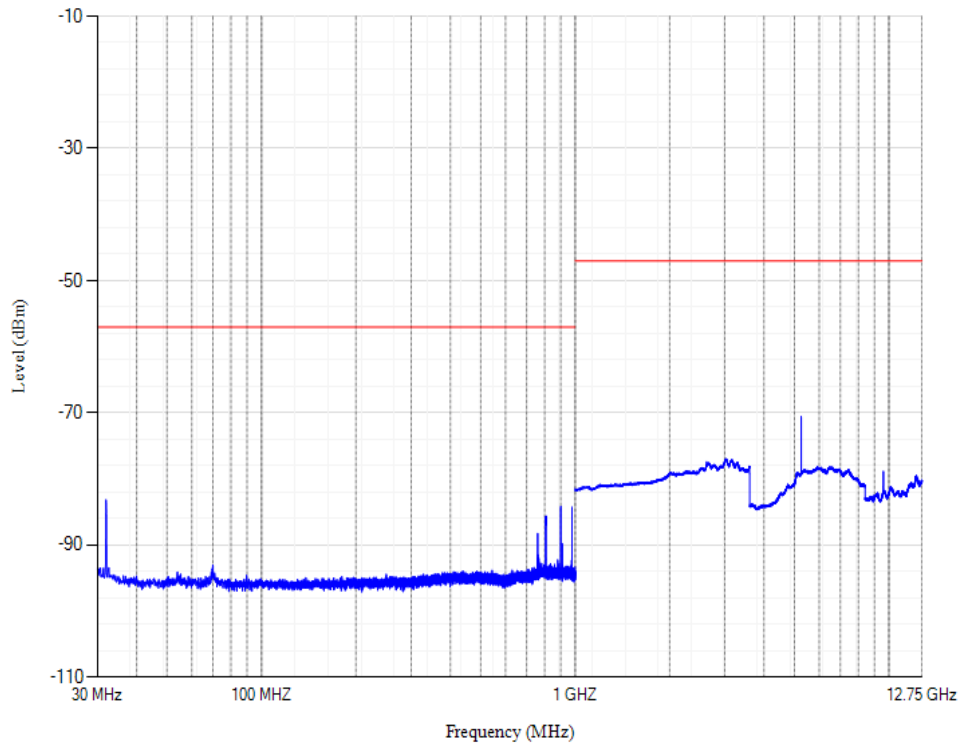
Band20 16QAM BW=5MHz Channel=24175

Conducted spurious emissions


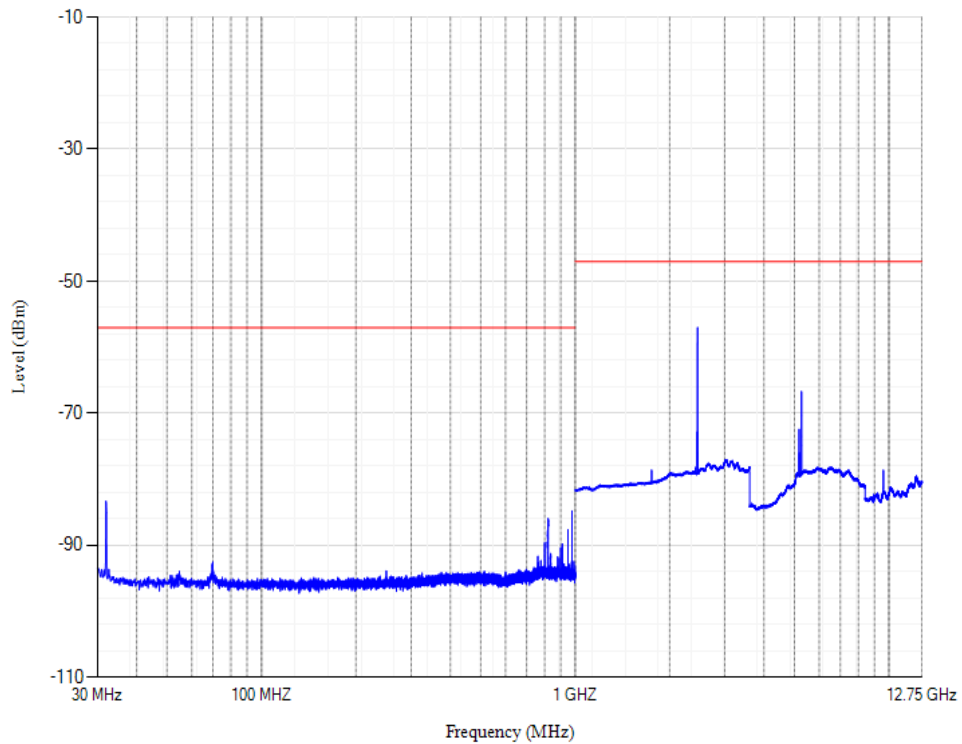
Band20 QPSK BW=5MHz Channel=24300

Conducted spurious emissions


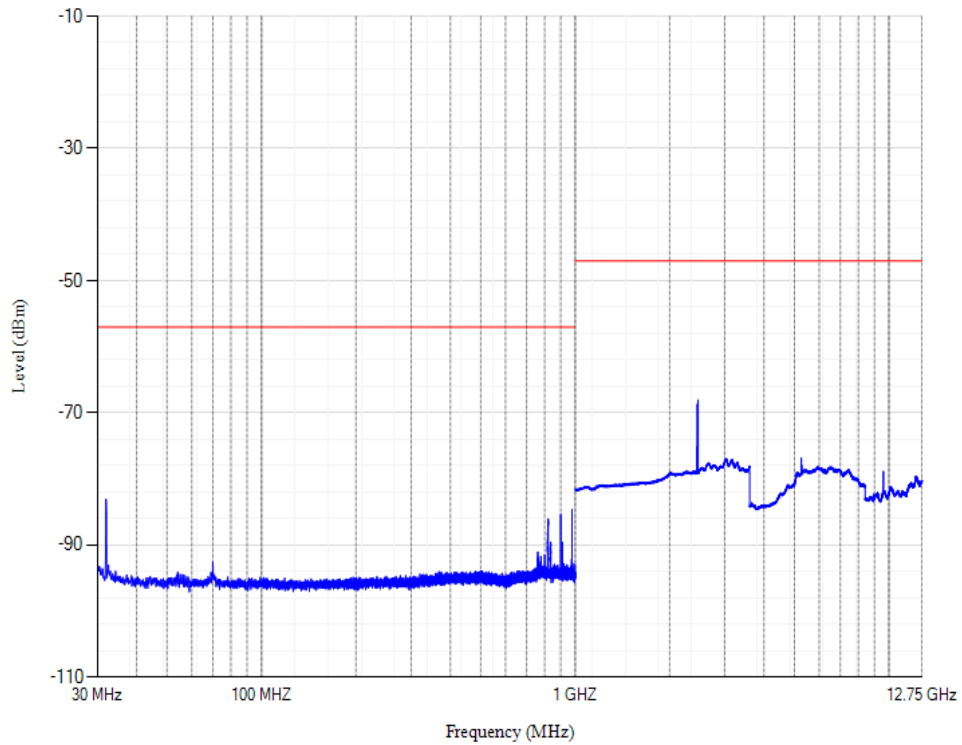
Band20 16QAM BW=5MHz Channel=24300

Conducted spurious emissions


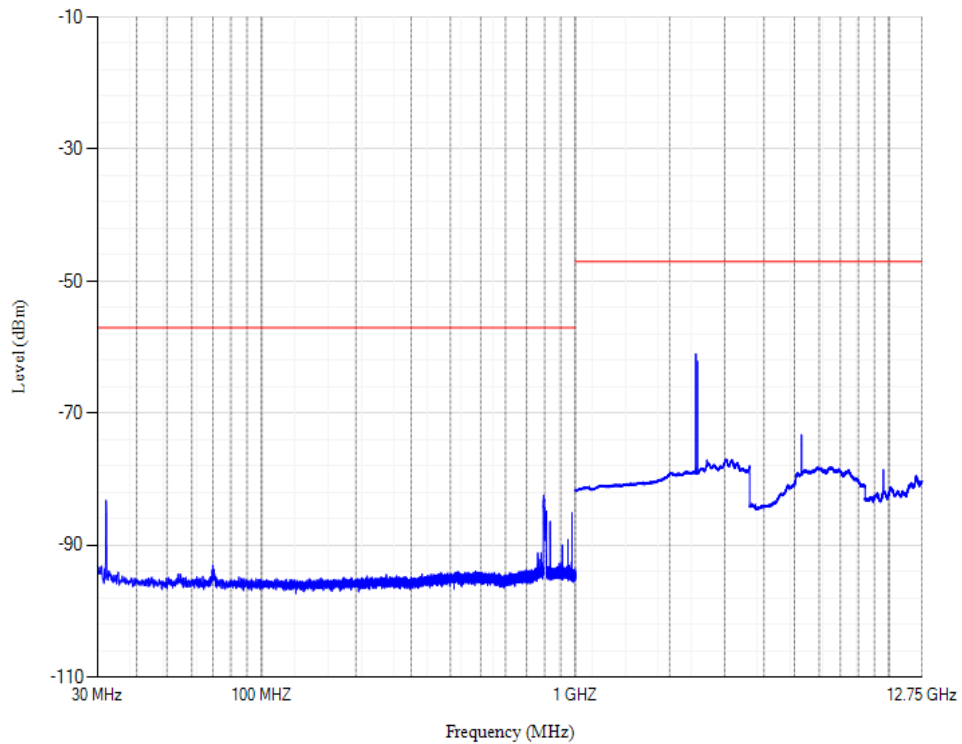
Band20 QPSK BW=5MHz Channel=24425

Conducted spurious emissions


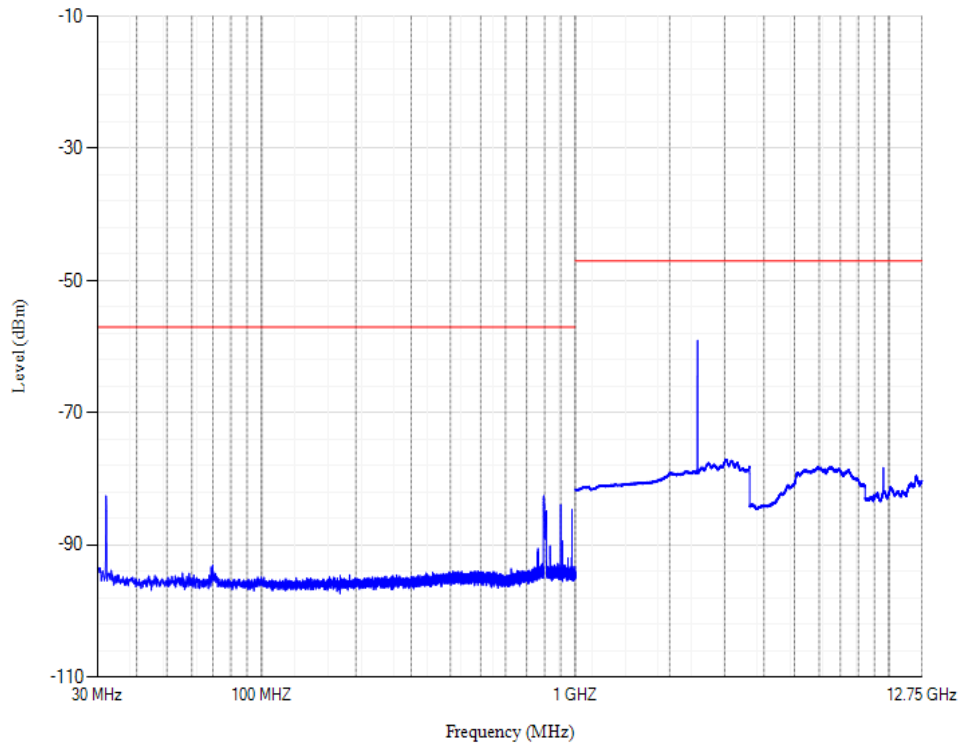
Band20 16QAM BW=5MHz Channel=24425

Conducted spurious emissions


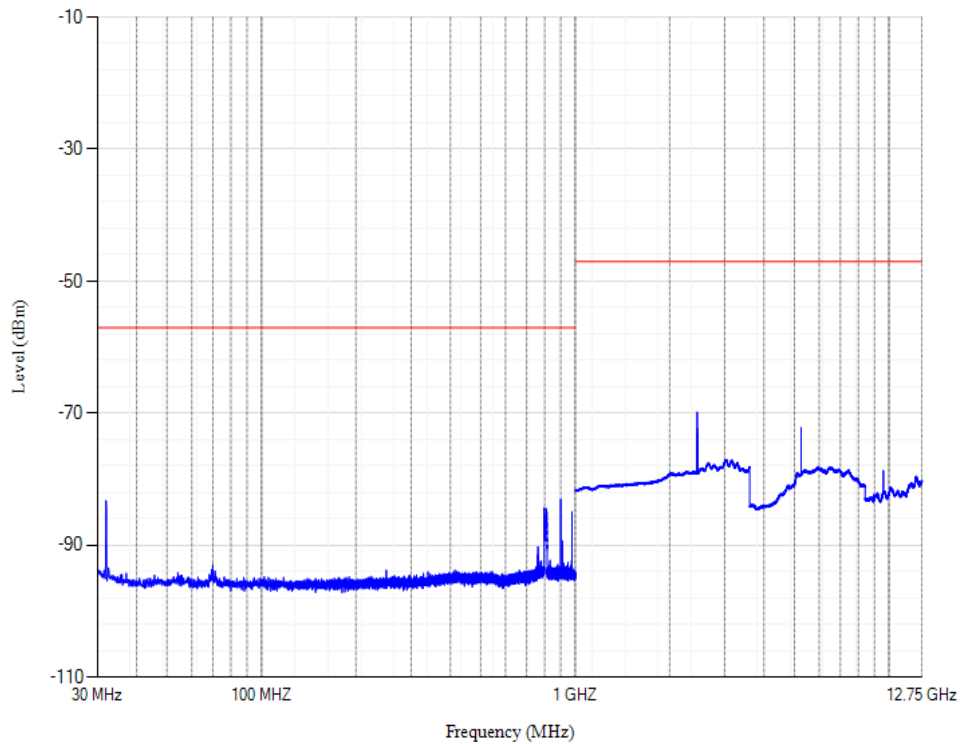
Band20 QPSK BW=20MHz Channel=24250

Conducted spurious emissions


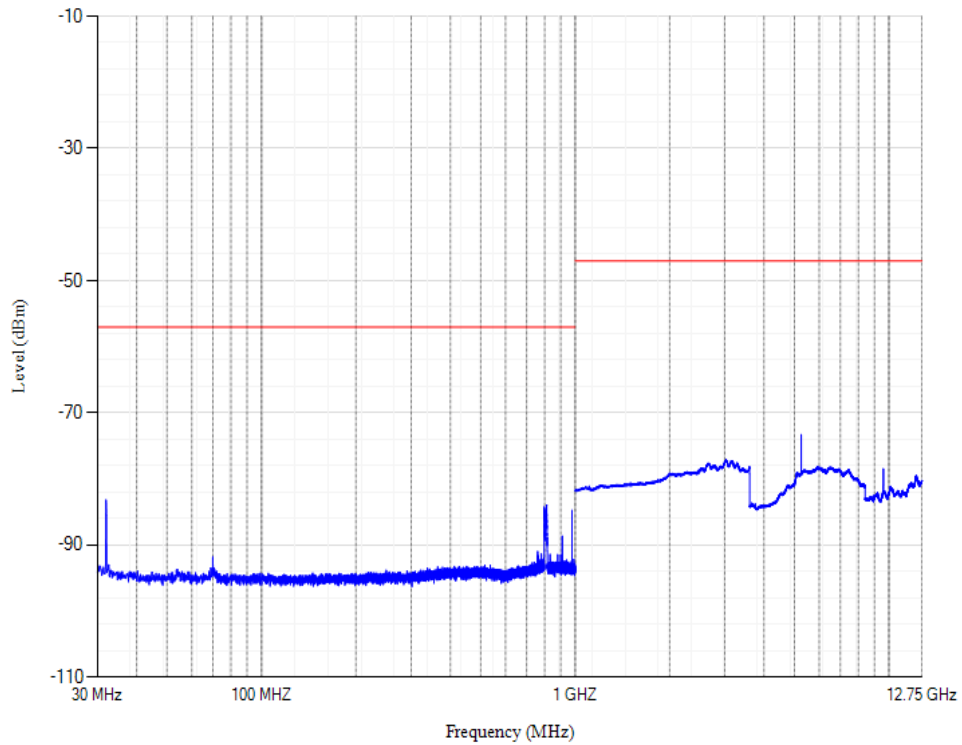
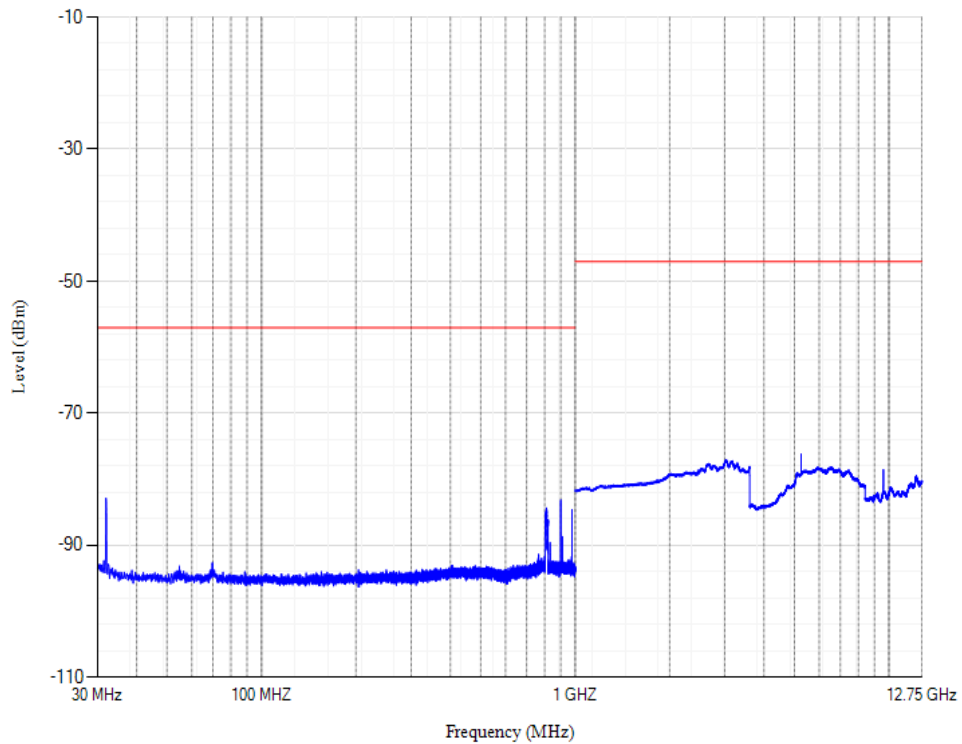
Band20 16QAM BW=20MHz Channel=24250

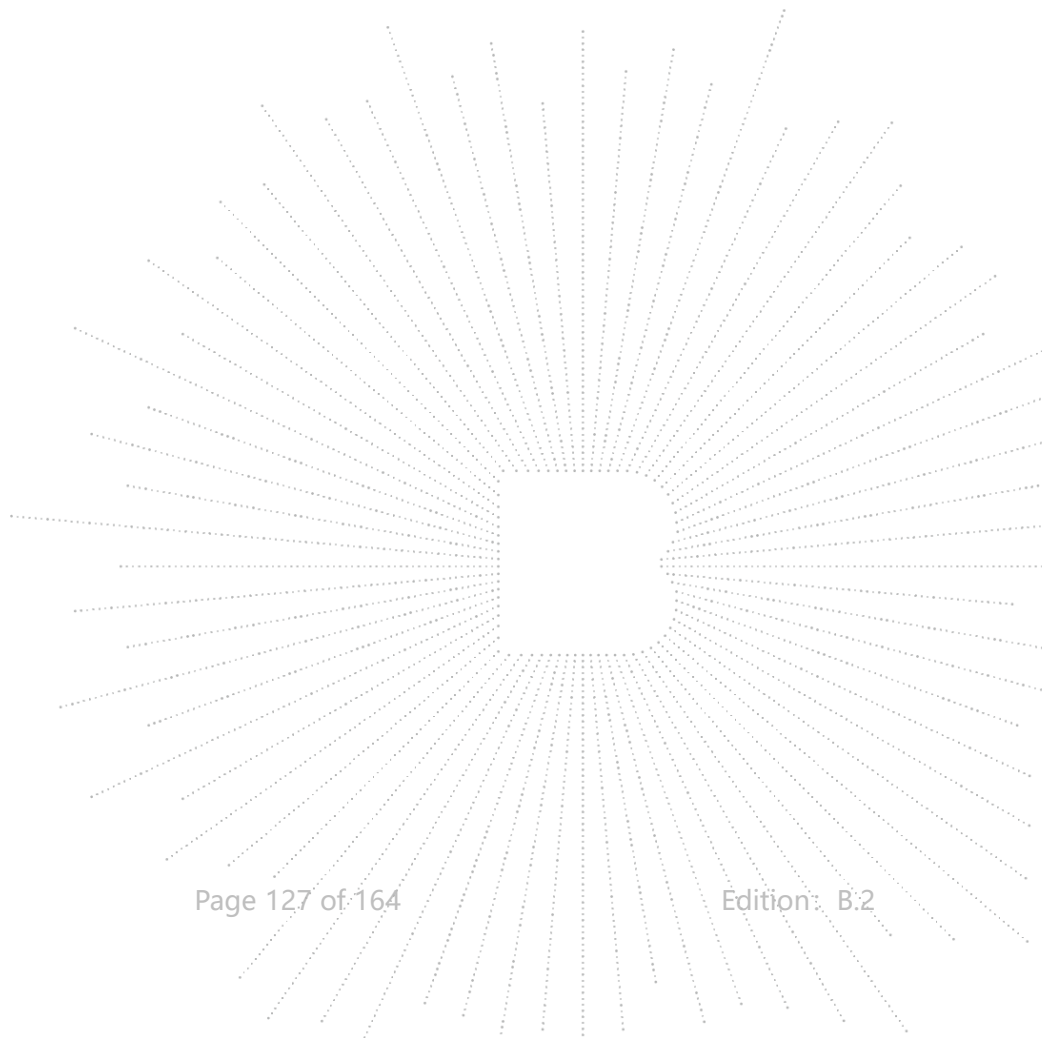
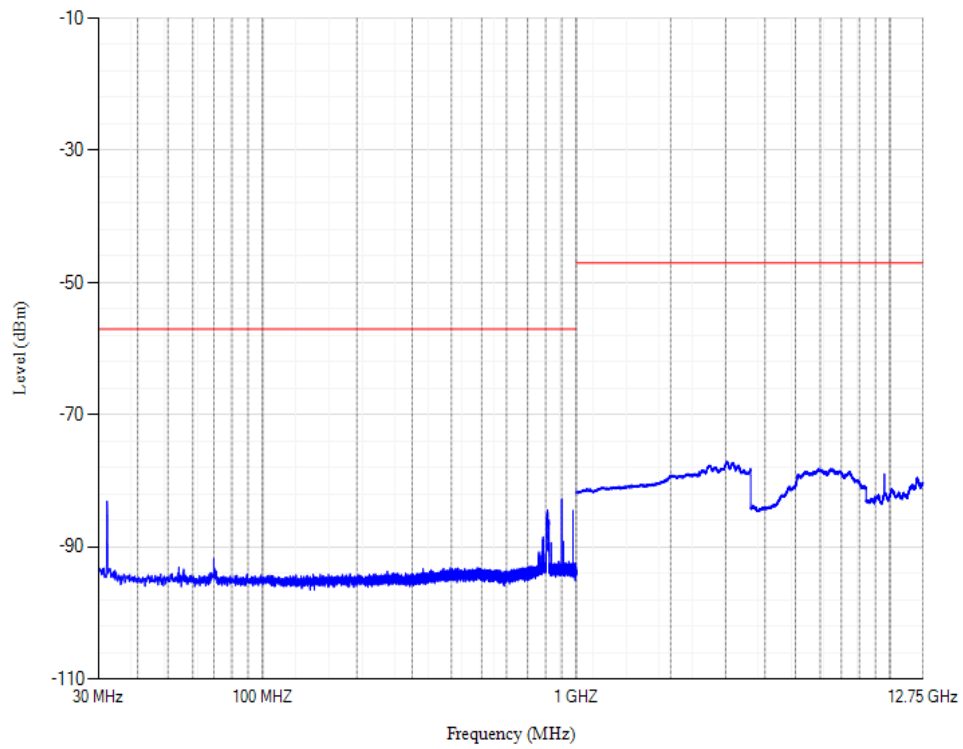
Conducted spurious emissions


Band20 QPSK BW=20MHz Channel=24300

Conducted spurious emissions


Band20 16QAM BW=20MHz Channel=24300

Conducted spurious emissions

Conducted spurious emissions


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
Band20	5	24175	8	#0	QPSK	U-ACLR2-	54.13	35.2	PASS
Band20	5	24175	8	#0	QPSK	U-ACLR1-	45.21	32.2	PASS
Band20	5	24175	8	#0	QPSK	E-ACLR-	42.36	29.2	PASS
Band20	5	24175	8	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24175	8	#0	QPSK	E-ACLR+	51.14	29.2	PASS
Band20	5	24175	8	#0	QPSK	U-ACLR+	51.99	32.2	PASS
Band20	5	24175	8	#0	QPSK	U-ACLR2+	54.28	35.2	PASS
Band20	5	24175	8	#Max	QPSK	U-ACLR2-	54.19	35.2	PASS
Band20	5	24175	8	#Max	QPSK	U-ACLR1-	52.40	32.2	PASS
Band20	5	24175	8	#Max	QPSK	E-ACLR-	51.58	29.2	PASS
Band20	5	24175	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	5	24175	8	#Max	QPSK	E-ACLR+	42.06	29.2	PASS
Band20	5	24175	8	#Max	QPSK	U-ACLR+	44.75	32.2	PASS
Band20	5	24175	8	#Max	QPSK	U-ACLR2+	54.12	35.2	PASS
Band20	5	24175	25	#0	QPSK	U-ACLR2-	53.23	35.2	PASS
Band20	5	24175	25	#0	QPSK	U-ACLR1-	44.34	32.2	PASS
Band20	5	24175	25	#0	QPSK	E-ACLR-	43.43	29.2	PASS
Band20	5	24175	25	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24175	25	#0	QPSK	E-ACLR+	43.21	29.2	PASS
Band20	5	24175	25	#0	QPSK	U-ACLR+	44.10	32.2	PASS
Band20	5	24175	25	#0	QPSK	U-ACLR2+	51.44	35.2	PASS
Band20	5	24175	8	#0	16QAM	U-ACLR2-	53.20	35.2	PASS
Band20	5	24175	8	#0	16QAM	U-ACLR1-	46.46	32.2	PASS
Band20	5	24175	8	#0	16QAM	E-ACLR-	43.66	29.2	PASS
Band20	5	24175	8	#0	16QAM	EUTRA	0.00	0	PASS
Band20	5	24175	8	#0	16QAM	E-ACLR+	50.55	29.2	PASS
Band20	5	24175	8	#0	16QAM	U-ACLR+	51.37	32.2	PASS
Band20	5	24175	8	#0	16QAM	U-ACLR2+	53.40	35.2	PASS
Band20	5	24175	8	#Max	16QAM	U-ACLR2-	53.33	35.2	PASS
Band20	5	24175	8	#Max	16QAM	U-ACLR1-	51.86	32.2	PASS
Band20	5	24175	8	#Max	16QAM	E-ACLR-	51.09	29.2	PASS
Band20	5	24175	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	5	24175	8	#Max	16QAM	E-ACLR+	44.14	29.2	PASS
Band20	5	24175	8	#Max	16QAM	U-ACLR+	46.47	32.2	PASS
Band20	5	24175	8	#Max	16QAM	U-ACLR2+	53.38	35.2	PASS
Band20	5	24175	25	#0	16QAM	U-ACLR2-	52.28	35.2	PASS
Band20	5	24175	25	#0	16QAM	U-ACLR1-	45.52	32.2	PASS
Band20	5	24175	25	#0	16QAM	E-ACLR-	44.62	29.2	PASS
Band20	5	24175	25	#0	16QAM	EUTRA	0.00	0	PASS

Band20	5	24175	25	#0	16QAM	E-ACLR+	44.58	29.2	PASS
Band20	5	24175	25	#0	16QAM	U-ACLR+	45.62	32.2	PASS
Band20	5	24175	25	#0	16QAM	U-ACLR2+	50.76	35.2	PASS
Band20	5	24300	8	#0	QPSK	U-ACLR2-	53.90	35.2	PASS
Band20	5	24300	8	#0	QPSK	U-ACLR1-	44.53	32.2	PASS
Band20	5	24300	8	#0	QPSK	E-ACLR-	41.83	29.2	PASS
Band20	5	24300	8	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24300	8	#0	QPSK	E-ACLR+	51.52	29.2	PASS
Band20	5	24300	8	#0	QPSK	U-ACLR+	52.36	32.2	PASS
Band20	5	24300	8	#0	QPSK	U-ACLR2+	54.35	35.2	PASS
Band20	5	24300	8	#Max	QPSK	U-ACLR2-	54.02	35.2	PASS
Band20	5	24300	8	#Max	QPSK	U-ACLR1-	51.80	32.2	PASS
Band20	5	24300	8	#Max	QPSK	E-ACLR-	50.95	29.2	PASS
Band20	5	24300	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	5	24300	8	#Max	QPSK	E-ACLR+	42.26	29.2	PASS
Band20	5	24300	8	#Max	QPSK	U-ACLR+	44.94	32.2	PASS
Band20	5	24300	8	#Max	QPSK	U-ACLR2+	54.07	35.2	PASS
Band20	5	24300	25	#0	QPSK	U-ACLR2-	50.88	35.2	PASS
Band20	5	24300	25	#0	QPSK	U-ACLR1-	45.31	32.2	PASS
Band20	5	24300	25	#0	QPSK	E-ACLR-	44.41	29.2	PASS
Band20	5	24300	25	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24300	25	#0	QPSK	E-ACLR+	45.11	29.2	PASS
Band20	5	24300	25	#0	QPSK	U-ACLR+	46.13	32.2	PASS
Band20	5	24300	25	#0	QPSK	U-ACLR2+	51.19	35.2	PASS
Band20	5	24300	8	#0	16QAM	U-ACLR2-	53.02	35.2	PASS
Band20	5	24300	8	#0	16QAM	U-ACLR1-	45.21	32.2	PASS
Band20	5	24300	8	#0	16QAM	E-ACLR-	42.87	29.2	PASS
Band20	5	24300	8	#0	16QAM	EUTRA	0.00	0	PASS
Band20	5	24300	8	#0	16QAM	E-ACLR+	50.70	29.2	PASS
Band20	5	24300	8	#0	16QAM	U-ACLR+	51.53	32.2	PASS
Band20	5	24300	8	#0	16QAM	U-ACLR2+	53.36	35.2	PASS
Band20	5	24300	8	#Max	16QAM	U-ACLR2-	53.08	35.2	PASS
Band20	5	24300	8	#Max	16QAM	U-ACLR1-	51.18	32.2	PASS
Band20	5	24300	8	#Max	16QAM	E-ACLR-	50.39	29.2	PASS
Band20	5	24300	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	5	24300	8	#Max	16QAM	E-ACLR+	43.34	29.2	PASS
Band20	5	24300	8	#Max	16QAM	U-ACLR+	45.69	32.2	PASS
Band20	5	24300	8	#Max	16QAM	U-ACLR2+	53.21	35.2	PASS
Band20	5	24300	25	#0	16QAM	U-ACLR2-	50.17	35.2	PASS
Band20	5	24300	25	#0	16QAM	U-ACLR1-	45.03	32.2	PASS
Band20	5	24300	25	#0	16QAM	E-ACLR-	44.12	29.2	PASS
Band20	5	24300	25	#0	16QAM	EUTRA	0.00	0	PASS
Band20	5	24300	25	#0	16QAM	E-ACLR+	44.74	29.2	PASS

Band20	5	24300	25	#0	16QAM	U-ACLR+	45.62	32.2	PASS
Band20	5	24300	25	#0	16QAM	U-ACLR2+	50.41	35.2	PASS
Band20	5	24425	8	#0	QPSK	U-ACLR2-	53.52	35.2	PASS
Band20	5	24425	8	#0	QPSK	U-ACLR1-	44.11	32.2	PASS
Band20	5	24425	8	#0	QPSK	E-ACLR-	41.44	29.2	PASS
Band20	5	24425	8	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24425	8	#0	QPSK	E-ACLR+	50.97	29.2	PASS
Band20	5	24425	8	#0	QPSK	U-ACLR+	51.89	32.2	PASS
Band20	5	24425	8	#0	QPSK	U-ACLR2+	54.09	35.2	PASS
Band20	5	24425	8	#Max	QPSK	U-ACLR2-	53.81	35.2	PASS
Band20	5	24425	8	#Max	QPSK	U-ACLR1-	51.27	32.2	PASS
Band20	5	24425	8	#Max	QPSK	E-ACLR-	50.40	29.2	PASS
Band20	5	24425	8	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	5	24425	8	#Max	QPSK	E-ACLR+	40.80	29.2	PASS
Band20	5	24425	8	#Max	QPSK	U-ACLR+	43.54	32.2	PASS
Band20	5	24425	8	#Max	QPSK	U-ACLR2+	53.93	35.2	PASS
Band20	5	24425	25	#0	QPSK	U-ACLR2-	50.21	35.2	PASS
Band20	5	24425	25	#0	QPSK	U-ACLR1-	44.31	32.2	PASS
Band20	5	24425	25	#0	QPSK	E-ACLR-	43.46	29.2	PASS
Band20	5	24425	25	#0	QPSK	EUTRA	0.00	0	PASS
Band20	5	24425	25	#0	QPSK	E-ACLR+	43.94	29.2	PASS
Band20	5	24425	25	#0	QPSK	U-ACLR+	44.90	32.2	PASS
Band20	5	24425	25	#0	QPSK	U-ACLR2+	52.25	35.2	PASS
Band20	5	24425	8	#0	16QAM	U-ACLR2-	52.75	35.2	PASS
Band20	5	24425	8	#0	16QAM	U-ACLR1-	45.87	32.2	PASS
Band20	5	24425	8	#0	16QAM	E-ACLR-	43.57	29.2	PASS
Band20	5	24425	8	#0	16QAM	EUTRA	0.00	0	PASS
Band20	5	24425	8	#0	16QAM	E-ACLR+	50.58	29.2	PASS
Band20	5	24425	8	#0	16QAM	U-ACLR+	51.37	32.2	PASS
Band20	5	24425	8	#0	16QAM	U-ACLR2+	53.11	35.2	PASS
Band20	5	24425	8	#Max	16QAM	U-ACLR2-	52.80	35.2	PASS
Band20	5	24425	8	#Max	16QAM	U-ACLR1-	50.90	32.2	PASS
Band20	5	24425	8	#Max	16QAM	E-ACLR-	50.13	29.2	PASS
Band20	5	24425	8	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	5	24425	8	#Max	16QAM	E-ACLR+	43.27	29.2	PASS
Band20	5	24425	8	#Max	16QAM	U-ACLR+	45.69	32.2	PASS
Band20	5	24425	8	#Max	16QAM	U-ACLR2+	52.98	35.2	PASS
Band20	5	24425	25	#0	16QAM	U-ACLR2-	49.49	35.2	PASS
Band20	5	24425	25	#0	16QAM	U-ACLR1-	44.12	32.2	PASS
Band20	5	24425	25	#0	16QAM	E-ACLR-	43.29	29.2	PASS
Band20	5	24425	25	#0	16QAM	EUTRA	0.00	0	PASS
Band20	5	24425	25	#0	16QAM	E-ACLR+	43.75	29.2	PASS
Band20	5	24425	25	#0	16QAM	U-ACLR+	44.71	32.2	PASS

Band20	5	24425	25	#0	16QAM	U-ACLR2+	51.26	35.2	PASS
Band20	10	24200	12	#0	QPSK	U-ACLR2-	53.97	35.2	PASS
Band20	10	24200	12	#0	QPSK	U-ACLR1-	44.08	32.2	PASS
Band20	10	24200	12	#0	QPSK	E-ACLR-	43.15	29.2	PASS
Band20	10	24200	12	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24200	12	#0	QPSK	E-ACLR+	49.59	29.2	PASS
Band20	10	24200	12	#0	QPSK	U-ACLR+	53.02	32.2	PASS
Band20	10	24200	12	#0	QPSK	U-ACLR2+	53.69	35.2	PASS
Band20	10	24200	12	#Max	QPSK	U-ACLR2-	54.13	35.2	PASS
Band20	10	24200	12	#Max	QPSK	U-ACLR1-	53.51	32.2	PASS
Band20	10	24200	12	#Max	QPSK	E-ACLR-	50.10	29.2	PASS
Band20	10	24200	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	10	24200	12	#Max	QPSK	E-ACLR+	43.55	29.2	PASS
Band20	10	24200	12	#Max	QPSK	U-ACLR+	44.54	32.2	PASS
Band20	10	24200	12	#Max	QPSK	U-ACLR2+	53.49	35.2	PASS
Band20	10	24200	50	#0	QPSK	U-ACLR2-	52.91	35.2	PASS
Band20	10	24200	50	#0	QPSK	U-ACLR1-	45.37	32.2	PASS
Band20	10	24200	50	#0	QPSK	E-ACLR-	44.16	29.2	PASS
Band20	10	24200	50	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24200	50	#0	QPSK	E-ACLR+	43.18	29.2	PASS
Band20	10	24200	50	#0	QPSK	U-ACLR+	45.32	32.2	PASS
Band20	10	24200	50	#0	QPSK	U-ACLR2+	49.12	35.2	PASS
Band20	10	24200	12	#0	16QAM	U-ACLR2-	53.01	35.2	PASS
Band20	10	24200	12	#0	16QAM	U-ACLR1-	44.73	32.2	PASS
Band20	10	24200	12	#0	16QAM	E-ACLR-	43.69	29.2	PASS
Band20	10	24200	12	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24200	12	#0	16QAM	E-ACLR+	48.83	29.2	PASS
Band20	10	24200	12	#0	16QAM	U-ACLR+	52.22	32.2	PASS
Band20	10	24200	12	#0	16QAM	U-ACLR2+	52.97	35.2	PASS
Band20	10	24200	12	#Max	16QAM	U-ACLR2-	53.15	35.2	PASS
Band20	10	24200	12	#Max	16QAM	U-ACLR1-	52.60	32.2	PASS
Band20	10	24200	12	#Max	16QAM	E-ACLR-	49.18	29.2	PASS
Band20	10	24200	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	10	24200	12	#Max	16QAM	E-ACLR+	43.81	29.2	PASS
Band20	10	24200	12	#Max	16QAM	U-ACLR+	45.04	32.2	PASS
Band20	10	24200	12	#Max	16QAM	U-ACLR2+	52.81	35.2	PASS
Band20	10	24200	50	#0	16QAM	U-ACLR2-	52.02	35.2	PASS
Band20	10	24200	50	#0	16QAM	U-ACLR1-	45.79	32.2	PASS
Band20	10	24200	50	#0	16QAM	E-ACLR-	44.37	29.2	PASS
Band20	10	24200	50	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24200	50	#0	16QAM	E-ACLR+	43.79	29.2	PASS
Band20	10	24200	50	#0	16QAM	U-ACLR+	46.10	32.2	PASS
Band20	10	24200	50	#0	16QAM	U-ACLR2+	49.43	35.2	PASS

Band20	10	24300	12	#0	QPSK	U-ACLR2-	53.02	35.2	PASS
Band20	10	24300	12	#0	QPSK	U-ACLR1-	43.83	32.2	PASS
Band20	10	24300	12	#0	QPSK	E-ACLR-	42.87	29.2	PASS
Band20	10	24300	12	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24300	12	#0	QPSK	E-ACLR+	49.78	29.2	PASS
Band20	10	24300	12	#0	QPSK	U-ACLR+	53.22	32.2	PASS
Band20	10	24300	12	#0	QPSK	U-ACLR2+	53.85	35.2	PASS
Band20	10	24300	12	#Max	QPSK	U-ACLR2-	53.37	35.2	PASS
Band20	10	24300	12	#Max	QPSK	U-ACLR1-	52.95	32.2	PASS
Band20	10	24300	12	#Max	QPSK	E-ACLR-	49.43	29.2	PASS
Band20	10	24300	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	10	24300	12	#Max	QPSK	E-ACLR+	43.18	29.2	PASS
Band20	10	24300	12	#Max	QPSK	U-ACLR+	44.21	32.2	PASS
Band20	10	24300	12	#Max	QPSK	U-ACLR2+	53.31	35.2	PASS
Band20	10	24300	50	#0	QPSK	U-ACLR2-	49.48	35.2	PASS
Band20	10	24300	50	#0	QPSK	U-ACLR1-	45.92	32.2	PASS
Band20	10	24300	50	#0	QPSK	E-ACLR-	43.59	29.2	PASS
Band20	10	24300	50	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24300	50	#0	QPSK	E-ACLR+	44.57	29.2	PASS
Band20	10	24300	50	#0	QPSK	U-ACLR+	46.89	32.2	PASS
Band20	10	24300	50	#0	QPSK	U-ACLR2+	50.18	35.2	PASS
Band20	10	24300	12	#0	16QAM	U-ACLR2-	52.30	35.2	PASS
Band20	10	24300	12	#0	16QAM	U-ACLR1-	44.62	32.2	PASS
Band20	10	24300	12	#0	16QAM	E-ACLR-	43.38	29.2	PASS
Band20	10	24300	12	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24300	12	#0	16QAM	E-ACLR+	48.95	29.2	PASS
Band20	10	24300	12	#0	16QAM	U-ACLR+	52.37	32.2	PASS
Band20	10	24300	12	#0	16QAM	U-ACLR2+	53.01	35.2	PASS
Band20	10	24300	12	#Max	16QAM	U-ACLR2-	52.50	35.2	PASS
Band20	10	24300	12	#Max	16QAM	U-ACLR1-	52.15	32.2	PASS
Band20	10	24300	12	#Max	16QAM	E-ACLR-	48.61	29.2	PASS
Band20	10	24300	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	10	24300	12	#Max	16QAM	E-ACLR+	43.71	29.2	PASS
Band20	10	24300	12	#Max	16QAM	U-ACLR+	45.03	32.2	PASS
Band20	10	24300	12	#Max	16QAM	U-ACLR2+	52.62	35.2	PASS
Band20	10	24300	50	#0	16QAM	U-ACLR2-	48.97	35.2	PASS
Band20	10	24300	50	#0	16QAM	U-ACLR1-	45.44	32.2	PASS
Band20	10	24300	50	#0	16QAM	E-ACLR-	43.12	29.2	PASS
Band20	10	24300	50	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24300	50	#0	16QAM	E-ACLR+	44.18	29.2	PASS
Band20	10	24300	50	#0	16QAM	U-ACLR+	46.55	32.2	PASS
Band20	10	24300	50	#0	16QAM	U-ACLR2+	49.68	35.2	PASS
Band20	10	24400	12	#0	QPSK	U-ACLR2-	52.70	35.2	PASS

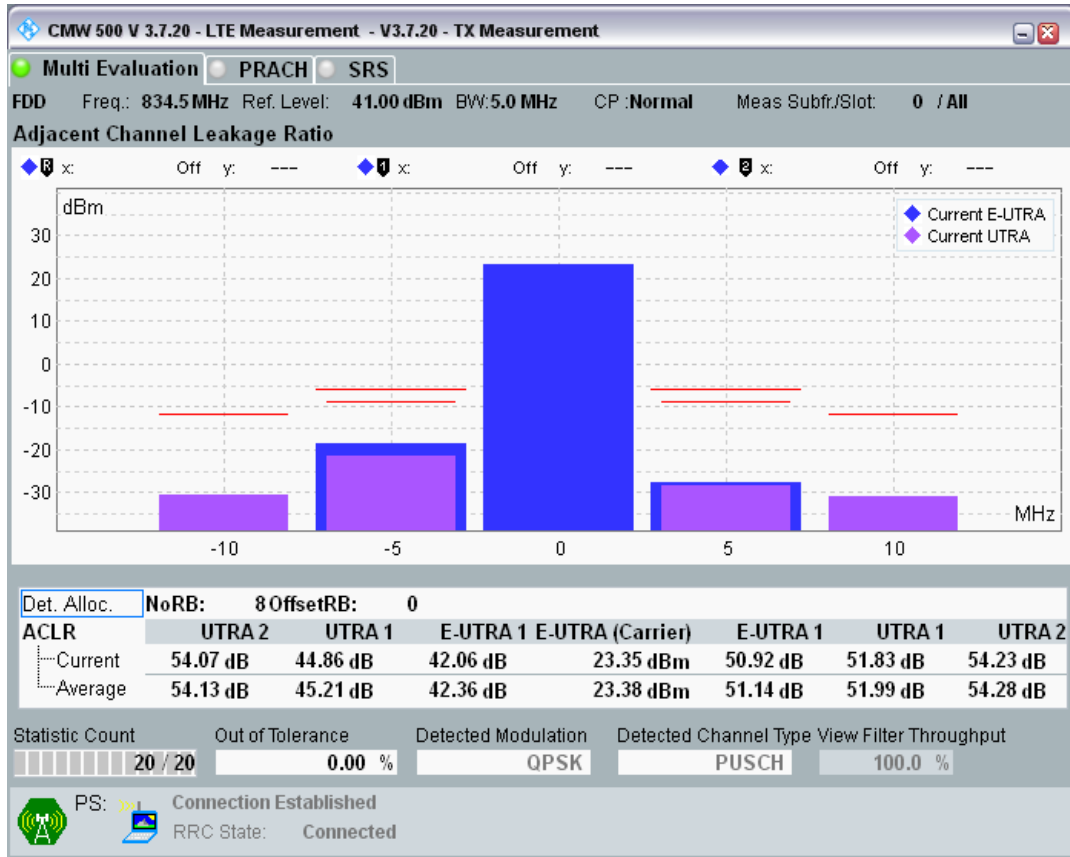
Band20	10	24400	12	#0	QPSK	U-ACLR1-	44.52	32.2	PASS
Band20	10	24400	12	#0	QPSK	E-ACLR-	43.39	29.2	PASS
Band20	10	24400	12	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24400	12	#0	QPSK	E-ACLR+	49.86	29.2	PASS
Band20	10	24400	12	#0	QPSK	U-ACLR+	53.11	32.2	PASS
Band20	10	24400	12	#0	QPSK	U-ACLR2+	54.11	35.2	PASS
Band20	10	24400	12	#Max	QPSK	U-ACLR2-	53.09	35.2	PASS
Band20	10	24400	12	#Max	QPSK	U-ACLR1-	52.59	32.2	PASS
Band20	10	24400	12	#Max	QPSK	E-ACLR-	49.09	29.2	PASS
Band20	10	24400	12	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	10	24400	12	#Max	QPSK	E-ACLR+	43.01	29.2	PASS
Band20	10	24400	12	#Max	QPSK	U-ACLR+	43.95	32.2	PASS
Band20	10	24400	12	#Max	QPSK	U-ACLR2+	53.68	35.2	PASS
Band20	10	24400	50	#0	QPSK	U-ACLR2-	49.21	35.2	PASS
Band20	10	24400	50	#0	QPSK	U-ACLR1-	46.32	32.2	PASS
Band20	10	24400	50	#0	QPSK	E-ACLR-	43.80	29.2	PASS
Band20	10	24400	50	#0	QPSK	EUTRA	0.00	0	PASS
Band20	10	24400	50	#0	QPSK	E-ACLR+	45.18	29.2	PASS
Band20	10	24400	50	#0	QPSK	U-ACLR+	47.12	32.2	PASS
Band20	10	24400	50	#0	QPSK	U-ACLR2+	51.94	35.2	PASS
Band20	10	24400	12	#0	16QAM	U-ACLR2-	52.07	35.2	PASS
Band20	10	24400	12	#0	16QAM	U-ACLR1-	45.06	32.2	PASS
Band20	10	24400	12	#0	16QAM	E-ACLR-	43.77	29.2	PASS
Band20	10	24400	12	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24400	12	#0	16QAM	E-ACLR+	48.98	29.2	PASS
Band20	10	24400	12	#0	16QAM	U-ACLR+	52.33	32.2	PASS
Band20	10	24400	12	#0	16QAM	U-ACLR2+	53.12	35.2	PASS
Band20	10	24400	12	#Max	16QAM	U-ACLR2-	52.29	35.2	PASS
Band20	10	24400	12	#Max	16QAM	U-ACLR1-	51.84	32.2	PASS
Band20	10	24400	12	#Max	16QAM	E-ACLR-	48.33	29.2	PASS
Band20	10	24400	12	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	10	24400	12	#Max	16QAM	E-ACLR+	43.56	29.2	PASS
Band20	10	24400	12	#Max	16QAM	U-ACLR+	44.70	32.2	PASS
Band20	10	24400	12	#Max	16QAM	U-ACLR2+	52.92	35.2	PASS
Band20	10	24400	50	#0	16QAM	U-ACLR2-	48.48	35.2	PASS
Band20	10	24400	50	#0	16QAM	U-ACLR1-	45.01	32.2	PASS
Band20	10	24400	50	#0	16QAM	E-ACLR-	42.69	29.2	PASS
Band20	10	24400	50	#0	16QAM	EUTRA	0.00	0	PASS
Band20	10	24400	50	#0	16QAM	E-ACLR+	44.01	29.2	PASS
Band20	10	24400	50	#0	16QAM	U-ACLR+	45.81	32.2	PASS
Band20	10	24400	50	#0	16QAM	U-ACLR2+	51.09	35.2	PASS
Band20	20	24250	18	#0	QPSK	U-ACLR2-	53.34	35.2	PASS
Band20	20	24250	18	#0	QPSK	U-ACLR1-	44.58	32.2	PASS

Band20	20	24250	18	#0	QPSK	E-ACLR-	44.27	29.2	PASS
Band20	20	24250	18	#0	QPSK	EUTRA	0.00	0	PASS
Band20	20	24250	18	#0	QPSK	E-ACLR+	47.18	29.2	PASS
Band20	20	24250	18	#0	QPSK	U-ACLR+	53.65	32.2	PASS
Band20	20	24250	18	#0	QPSK	U-ACLR2+	53.91	35.2	PASS
Band20	20	24250	18	#Max	QPSK	U-ACLR2-	53.46	35.2	PASS
Band20	20	24250	18	#Max	QPSK	U-ACLR1-	53.52	32.2	PASS
Band20	20	24250	18	#Max	QPSK	E-ACLR-	47.28	29.2	PASS
Band20	20	24250	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	20	24250	18	#Max	QPSK	E-ACLR+	44.20	29.2	PASS
Band20	20	24250	18	#Max	QPSK	U-ACLR+	45.29	32.2	PASS
Band20	20	24250	18	#Max	QPSK	U-ACLR2+	52.53	35.2	PASS
Band20	20	24250	100	#0	QPSK	U-ACLR2-	52.46	35.2	PASS
Band20	20	24250	100	#0	QPSK	U-ACLR1-	47.31	32.2	PASS
Band20	20	24250	100	#0	QPSK	E-ACLR-	44.56	29.2	PASS
Band20	20	24250	100	#0	QPSK	EUTRA	0.00	0	PASS
Band20	20	24250	100	#0	QPSK	E-ACLR+	43.14	29.2	PASS
Band20	20	24250	100	#0	QPSK	U-ACLR+	47.94	32.2	PASS
Band20	20	24250	100	#0	QPSK	U-ACLR2+	49.22	35.2	PASS
Band20	20	24250	18	#0	16QAM	U-ACLR2-	52.31	35.2	PASS
Band20	20	24250	18	#0	16QAM	U-ACLR1-	44.97	32.2	PASS
Band20	20	24250	18	#0	16QAM	E-ACLR-	44.06	29.2	PASS
Band20	20	24250	18	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24250	18	#0	16QAM	E-ACLR+	46.20	29.2	PASS
Band20	20	24250	18	#0	16QAM	U-ACLR+	52.66	32.2	PASS
Band20	20	24250	18	#0	16QAM	U-ACLR2+	52.89	35.2	PASS
Band20	20	24250	18	#Max	16QAM	U-ACLR2-	52.37	35.2	PASS
Band20	20	24250	18	#Max	16QAM	U-ACLR1-	52.49	32.2	PASS
Band20	20	24250	18	#Max	16QAM	E-ACLR-	46.23	29.2	PASS
Band20	20	24250	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	20	24250	18	#Max	16QAM	E-ACLR+	43.89	29.2	PASS
Band20	20	24250	18	#Max	16QAM	U-ACLR+	45.76	32.2	PASS
Band20	20	24250	18	#Max	16QAM	U-ACLR2+	51.77	35.2	PASS
Band20	20	24250	100	#0	16QAM	U-ACLR2-	51.45	35.2	PASS
Band20	20	24250	100	#0	16QAM	U-ACLR1-	47.44	32.2	PASS
Band20	20	24250	100	#0	16QAM	E-ACLR-	44.08	29.2	PASS
Band20	20	24250	100	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24250	100	#0	16QAM	E-ACLR+	43.19	29.2	PASS
Band20	20	24250	100	#0	16QAM	U-ACLR+	48.41	32.2	PASS
Band20	20	24250	100	#0	16QAM	U-ACLR2+	49.35	35.2	PASS
Band20	20	24300	18	#0	QPSK	U-ACLR2-	52.40	35.2	PASS
Band20	20	24300	18	#0	QPSK	U-ACLR1-	45.04	32.2	PASS
Band20	20	24300	18	#0	QPSK	E-ACLR-	44.16	29.2	PASS

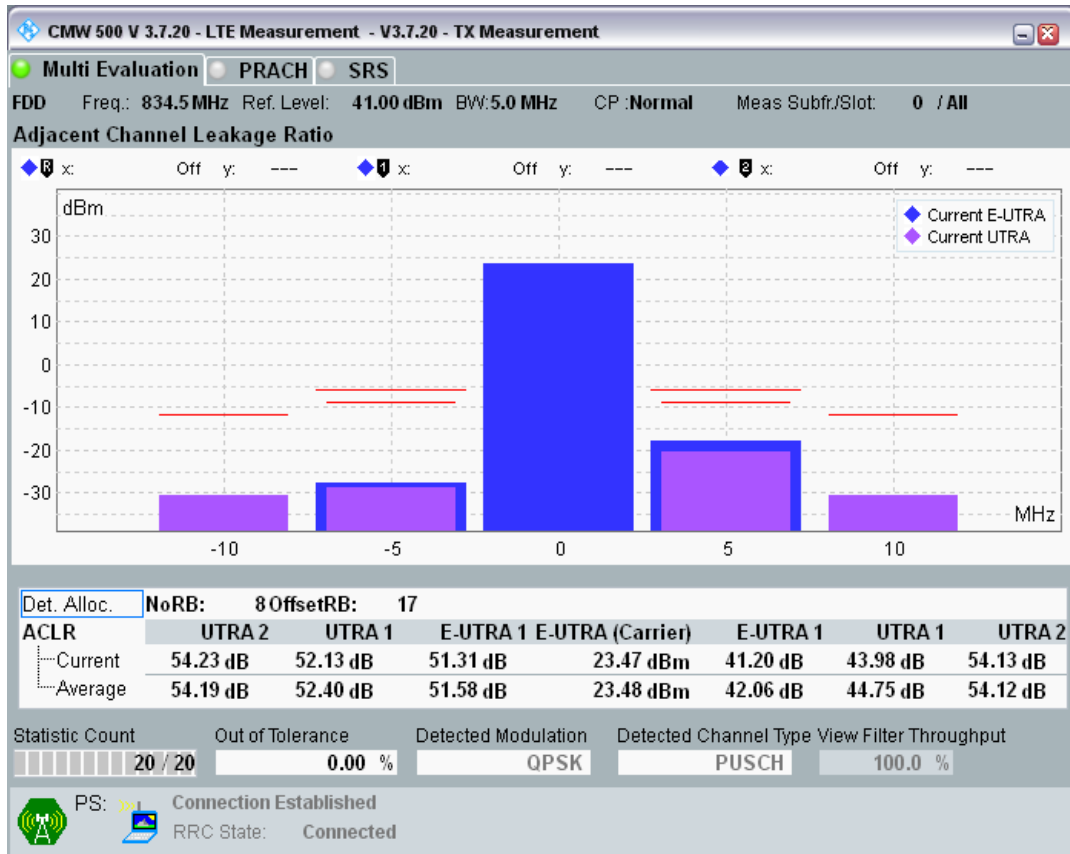
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Band20	20	24300	18	#0	QPSK	E-ACLR+	47.34	29.2	PASS
Band20	20	24300	18	#0	QPSK	U-ACLR+	53.76	32.2	PASS
Band20	20	24300	18	#0	QPSK	U-ACLR2+	53.99	35.2	PASS
Band20	20	24300	18	#Max	QPSK	U-ACLR2-	52.99	35.2	PASS
Band20	20	24300	18	#Max	QPSK	U-ACLR1-	53.19	32.2	PASS
Band20	20	24300	18	#Max	QPSK	E-ACLR-	46.99	29.2	PASS
Band20	20	24300	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	20	24300	18	#Max	QPSK	E-ACLR+	44.13	29.2	PASS
Band20	20	24300	18	#Max	QPSK	U-ACLR+	45.39	32.2	PASS
Band20	20	24300	18	#Max	QPSK	U-ACLR2+	52.41	35.2	PASS
Band20	20	24300	100	#0	QPSK	U-ACLR2-	48.71	35.2	PASS
Band20	20	24300	100	#0	QPSK	U-ACLR1-	46.98	32.2	PASS
Band20	20	24300	100	#0	QPSK	E-ACLR-	43.23	29.2	PASS
Band20	20	24300	100	#0	QPSK	EUTRA	0.00	0	PASS
Band20	20	24300	100	#0	QPSK	E-ACLR+	44.10	29.2	PASS
Band20	20	24300	100	#0	QPSK	U-ACLR+	48.73	32.2	PASS
Band20	20	24300	100	#0	QPSK	U-ACLR2+	50.15	35.2	PASS
Band20	20	24300	18	#0	16QAM	U-ACLR2-	51.56	35.2	PASS
Band20	20	24300	18	#0	16QAM	U-ACLR1-	45.76	32.2	PASS
Band20	20	24300	18	#0	16QAM	E-ACLR-	44.06	29.2	PASS
Band20	20	24300	18	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24300	18	#0	16QAM	E-ACLR+	46.41	29.2	PASS
Band20	20	24300	18	#0	16QAM	U-ACLR+	52.85	32.2	PASS
Band20	20	24300	18	#0	16QAM	U-ACLR2+	53.06	35.2	PASS
Band20	20	24300	18	#Max	16QAM	U-ACLR2-	52.09	35.2	PASS
Band20	20	24300	18	#Max	16QAM	U-ACLR1-	52.20	32.2	PASS
Band20	20	24300	18	#Max	16QAM	E-ACLR-	46.03	29.2	PASS
Band20	20	24300	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	20	24300	18	#Max	16QAM	E-ACLR+	44.05	29.2	PASS
Band20	20	24300	18	#Max	16QAM	U-ACLR+	46.38	32.2	PASS
Band20	20	24300	18	#Max	16QAM	U-ACLR2+	51.79	35.2	PASS
Band20	20	24300	100	#0	16QAM	U-ACLR2-	48.28	35.2	PASS
Band20	20	24300	100	#0	16QAM	U-ACLR1-	46.68	32.2	PASS
Band20	20	24300	100	#0	16QAM	E-ACLR-	42.74	29.2	PASS
Band20	20	24300	100	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24300	100	#0	16QAM	E-ACLR+	43.59	29.2	PASS
Band20	20	24300	100	#0	16QAM	U-ACLR+	48.31	32.2	PASS
Band20	20	24300	100	#0	16QAM	U-ACLR2+	49.80	35.2	PASS
Band20	20	24350	18	#0	QPSK	U-ACLR2-	51.97	35.2	PASS
Band20	20	24350	18	#0	QPSK	U-ACLR1-	44.40	32.2	PASS
Band20	20	24350	18	#0	QPSK	E-ACLR-	43.67	29.2	PASS
Band20	20	24350	18	#0	QPSK	EUTRA	0.00	0	PASS

Band20	20	24350	18	#0	QPSK	E-ACLR+	47.46	29.2	PASS
Band20	20	24350	18	#0	QPSK	U-ACLR+	53.82	32.2	PASS
Band20	20	24350	18	#0	QPSK	U-ACLR2+	54.21	35.2	PASS
Band20	20	24350	18	#Max	QPSK	U-ACLR2-	52.83	35.2	PASS
Band20	20	24350	18	#Max	QPSK	U-ACLR1-	53.03	32.2	PASS
Band20	20	24350	18	#Max	QPSK	E-ACLR-	46.64	29.2	PASS
Band20	20	24350	18	#Max	QPSK	EUTRA	0.00	0	PASS
Band20	20	24350	18	#Max	QPSK	E-ACLR+	43.93	29.2	PASS
Band20	20	24350	18	#Max	QPSK	U-ACLR+	44.52	32.2	PASS
Band20	20	24350	18	#Max	QPSK	U-ACLR2+	53.25	35.2	PASS
Band20	20	24350	100	#0	QPSK	U-ACLR2-	47.77	35.2	PASS
Band20	20	24350	100	#0	QPSK	U-ACLR1-	47.06	32.2	PASS
Band20	20	24350	100	#0	QPSK	E-ACLR-	42.24	29.2	PASS
Band20	20	24350	100	#0	QPSK	EUTRA	0.00	0	PASS
Band20	20	24350	100	#0	QPSK	E-ACLR+	44.72	29.2	PASS
Band20	20	24350	100	#0	QPSK	U-ACLR+	48.60	32.2	PASS
Band20	20	24350	100	#0	QPSK	U-ACLR2+	51.96	35.2	PASS
Band20	20	24350	18	#0	16QAM	U-ACLR2-	51.12	35.2	PASS
Band20	20	24350	18	#0	16QAM	U-ACLR1-	45.04	32.2	PASS
Band20	20	24350	18	#0	16QAM	E-ACLR-	43.57	29.2	PASS
Band20	20	24350	18	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24350	18	#0	16QAM	E-ACLR+	46.42	29.2	PASS
Band20	20	24350	18	#0	16QAM	U-ACLR+	52.82	32.2	PASS
Band20	20	24350	18	#0	16QAM	U-ACLR2+	53.13	35.2	PASS
Band20	20	24350	18	#Max	16QAM	U-ACLR2-	51.85	35.2	PASS
Band20	20	24350	18	#Max	16QAM	U-ACLR1-	52.07	32.2	PASS
Band20	20	24350	18	#Max	16QAM	E-ACLR-	45.69	29.2	PASS
Band20	20	24350	18	#Max	16QAM	EUTRA	0.00	0	PASS
Band20	20	24350	18	#Max	16QAM	E-ACLR+	43.79	29.2	PASS
Band20	20	24350	18	#Max	16QAM	U-ACLR+	45.29	32.2	PASS
Band20	20	24350	18	#Max	16QAM	U-ACLR2+	52.38	35.2	PASS
Band20	20	24350	100	#0	16QAM	U-ACLR2-	47.15	35.2	PASS
Band20	20	24350	100	#0	16QAM	U-ACLR1-	46.24	32.2	PASS
Band20	20	24350	100	#0	16QAM	E-ACLR-	41.65	29.2	PASS
Band20	20	24350	100	#0	16QAM	EUTRA	0.00	0	PASS
Band20	20	24350	100	#0	16QAM	E-ACLR+	44.02	29.2	PASS
Band20	20	24350	100	#0	16QAM	U-ACLR+	48.07	32.2	PASS
Band20	20	24350	100	#0	16QAM	U-ACLR2+	51.13	35.2	PASS

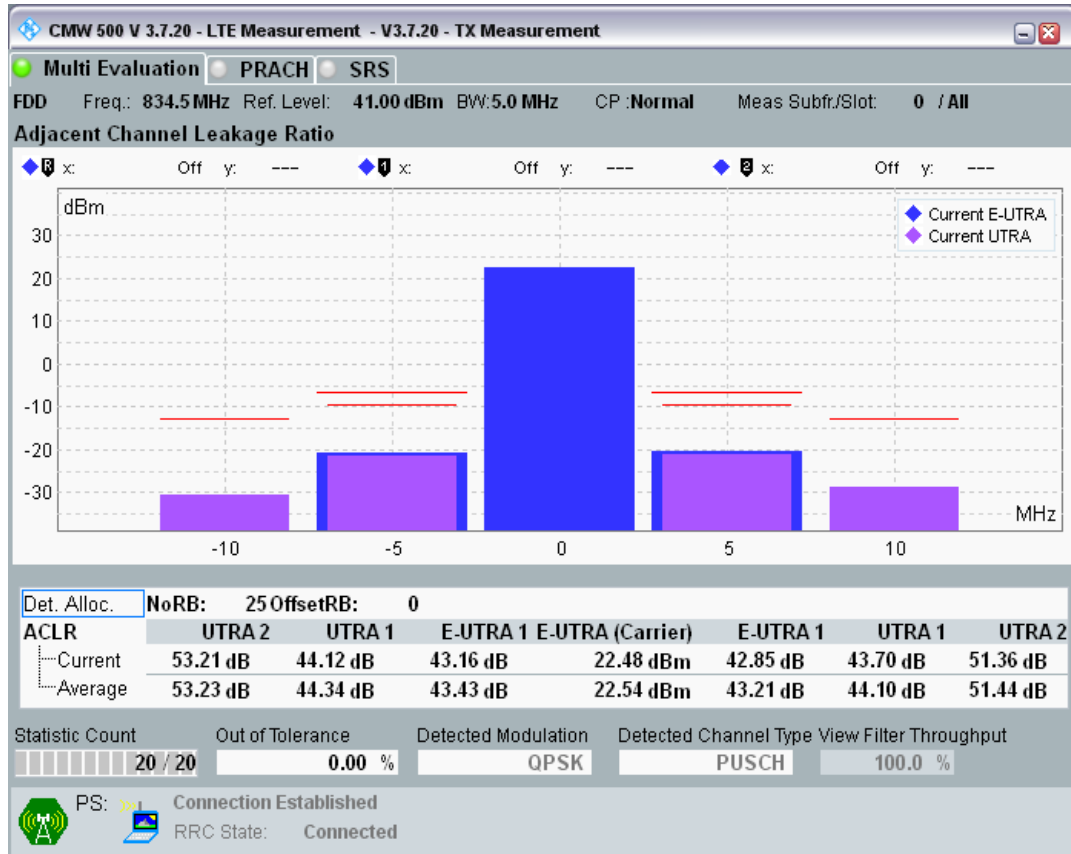
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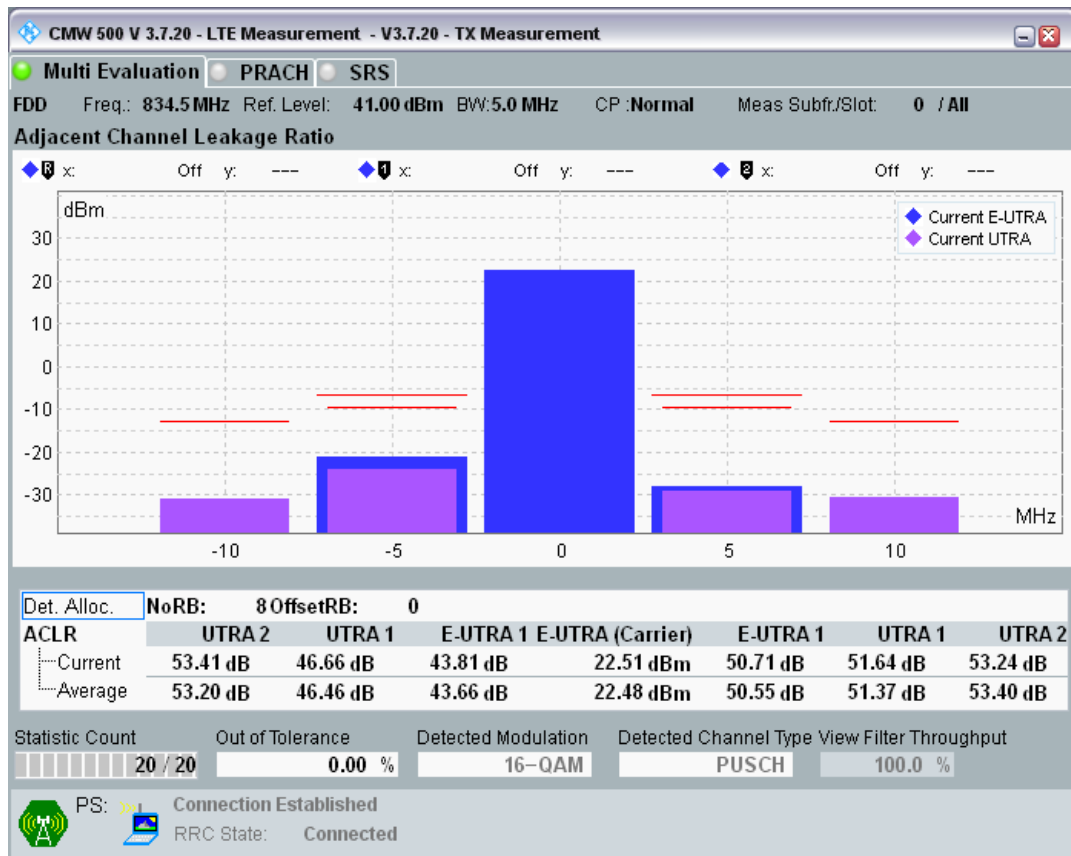
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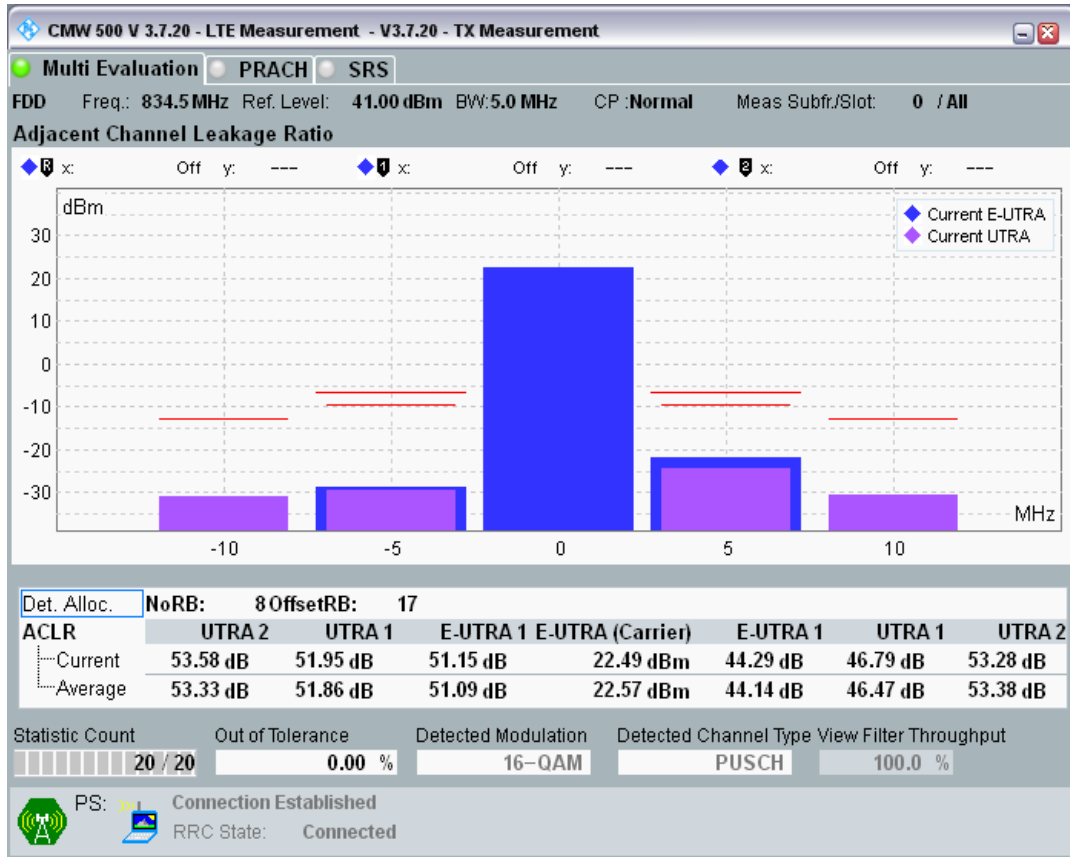
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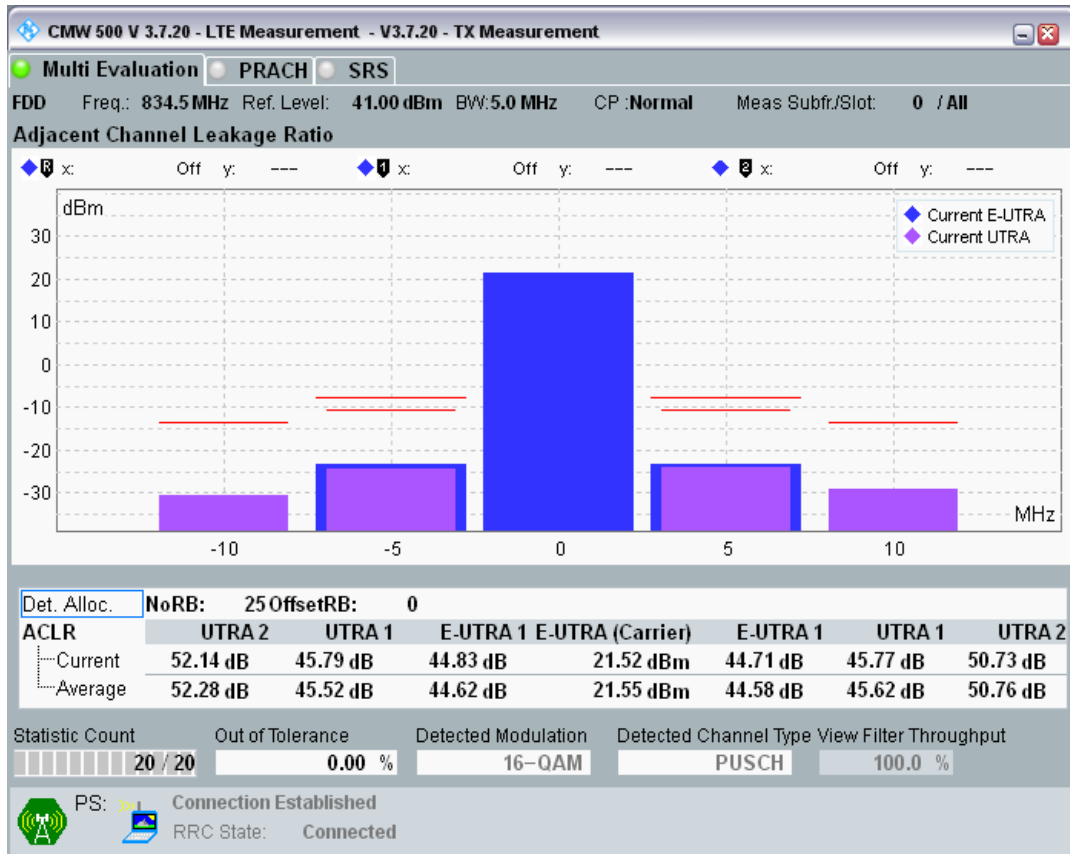
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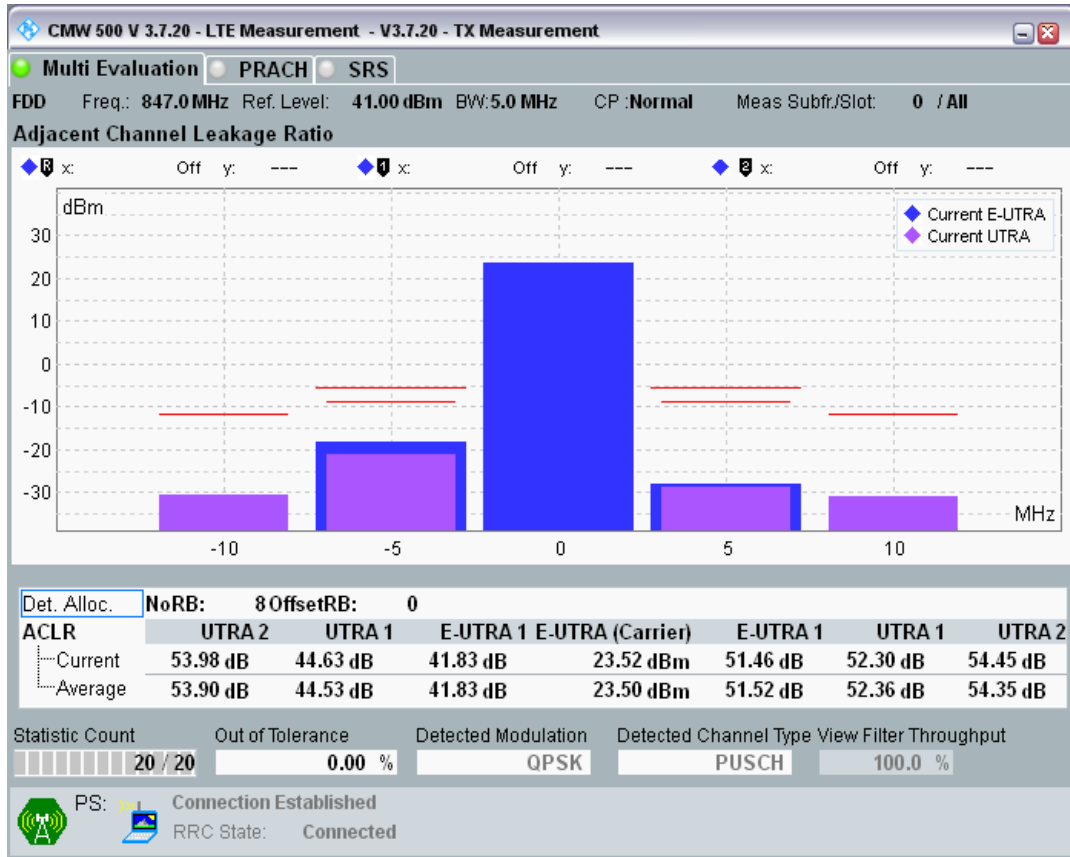
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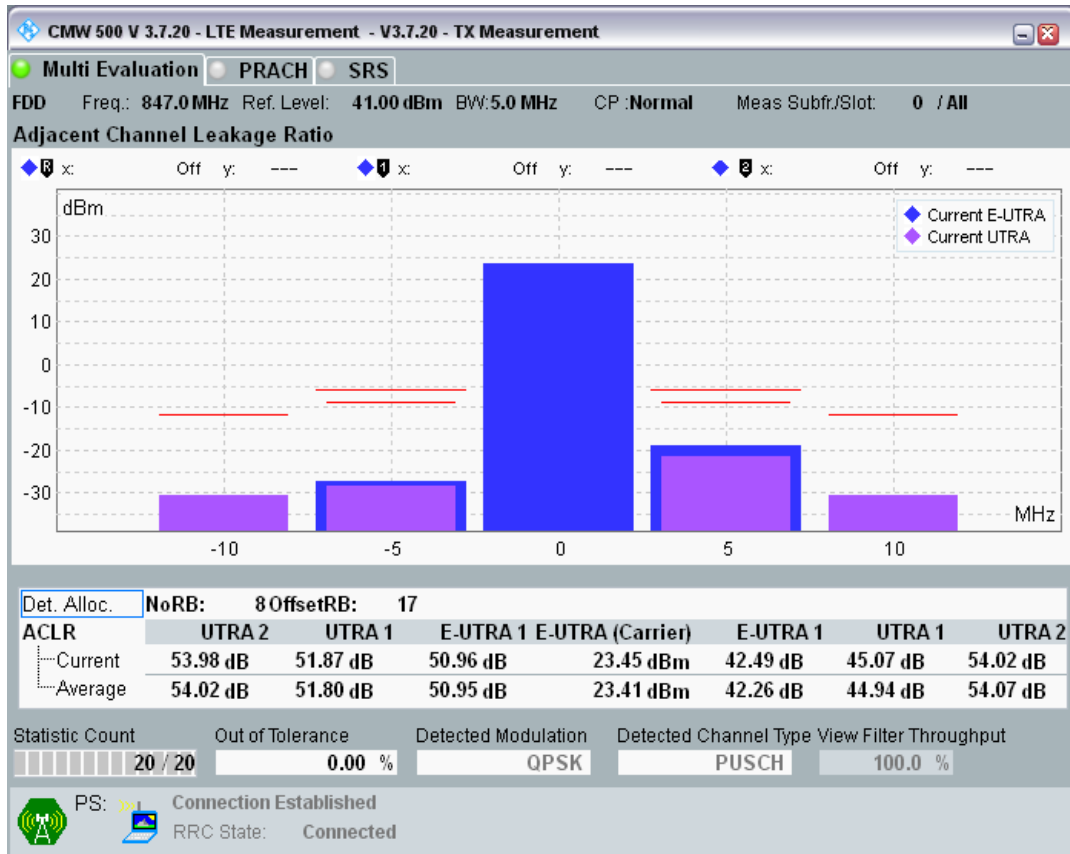
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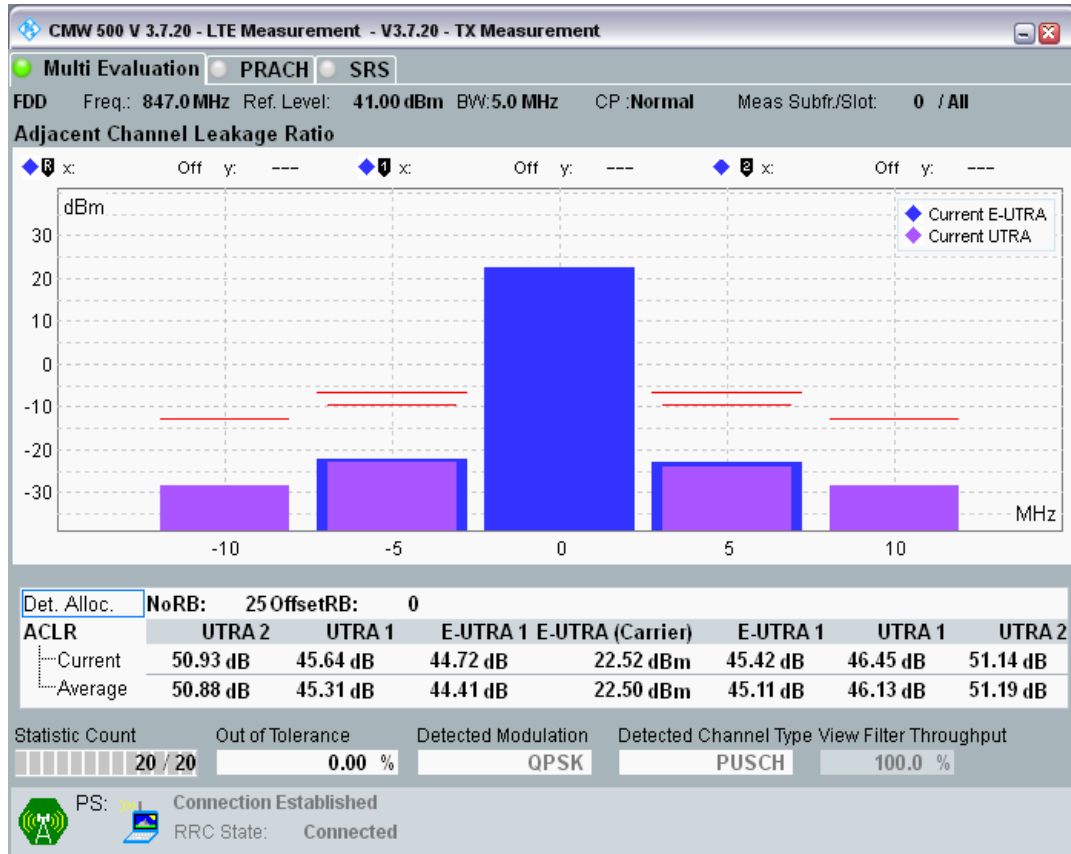
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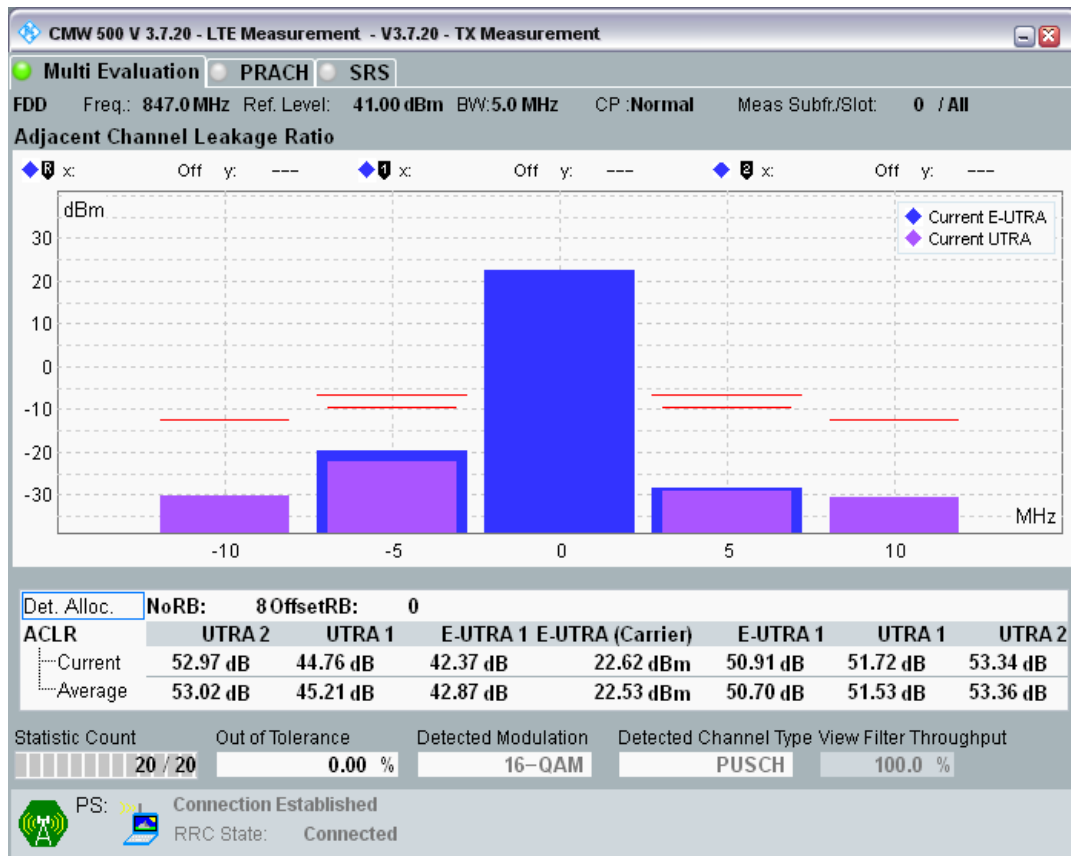
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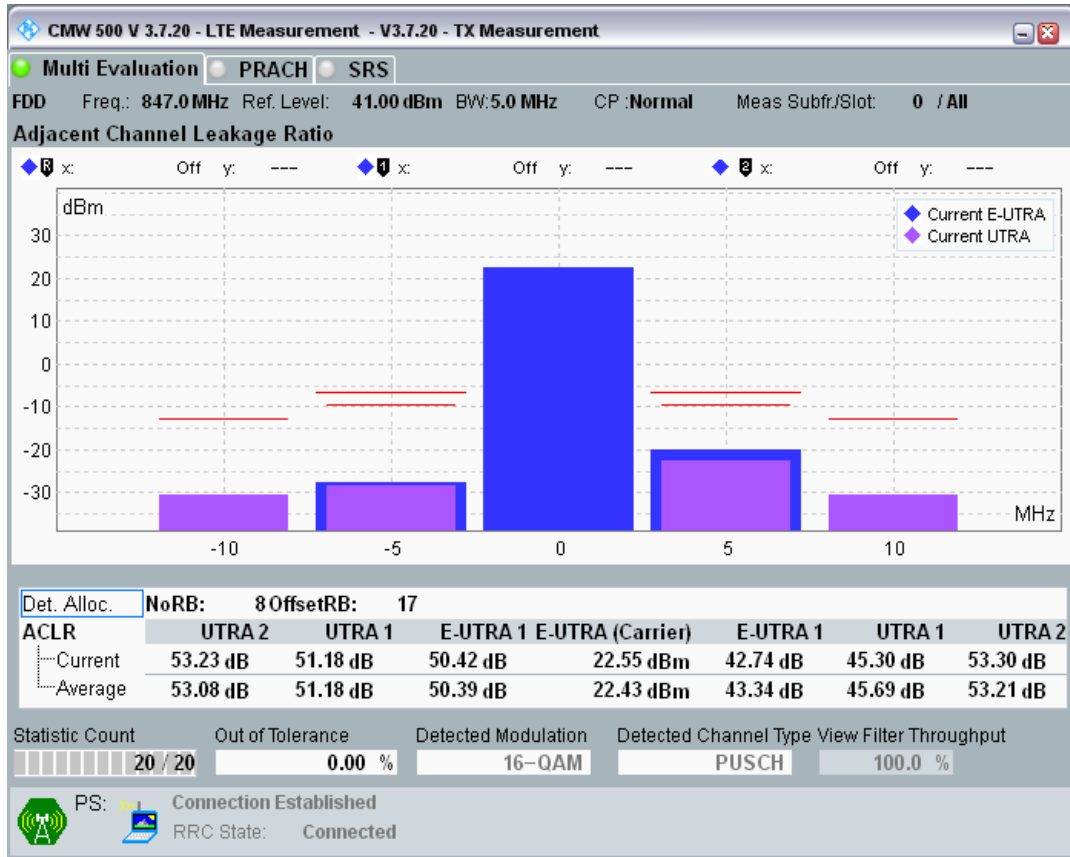
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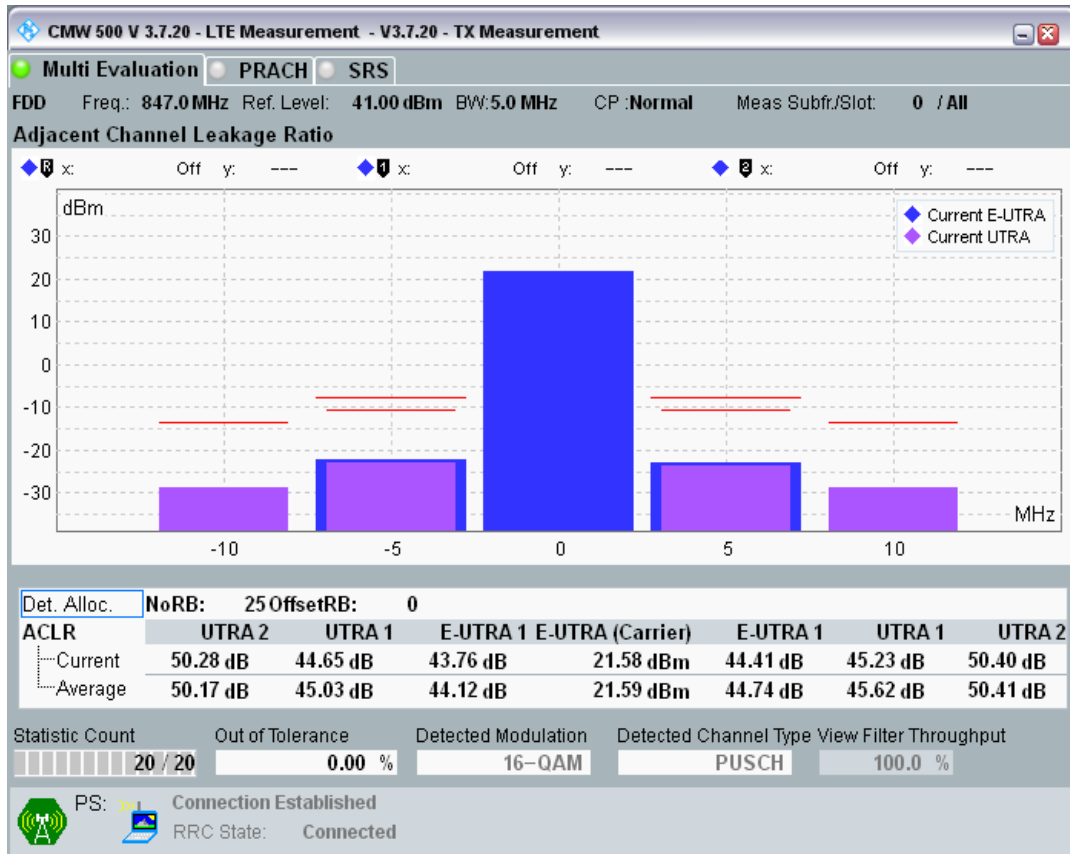
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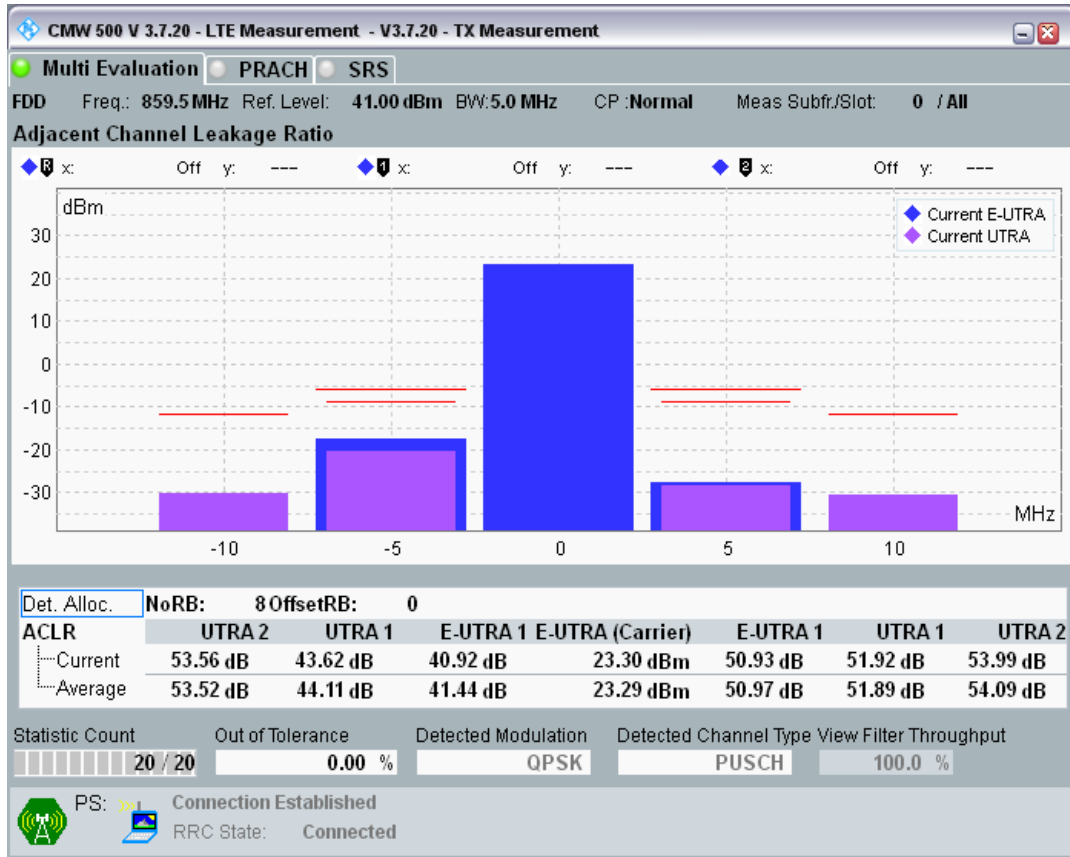
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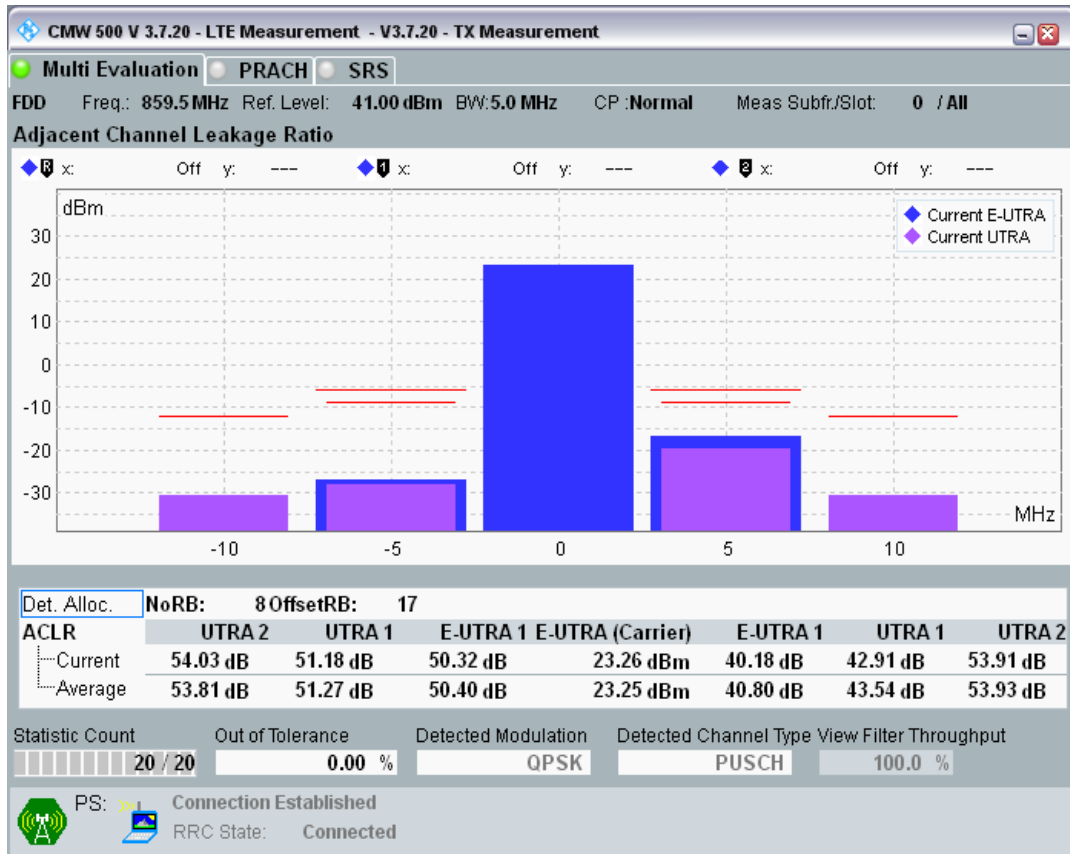
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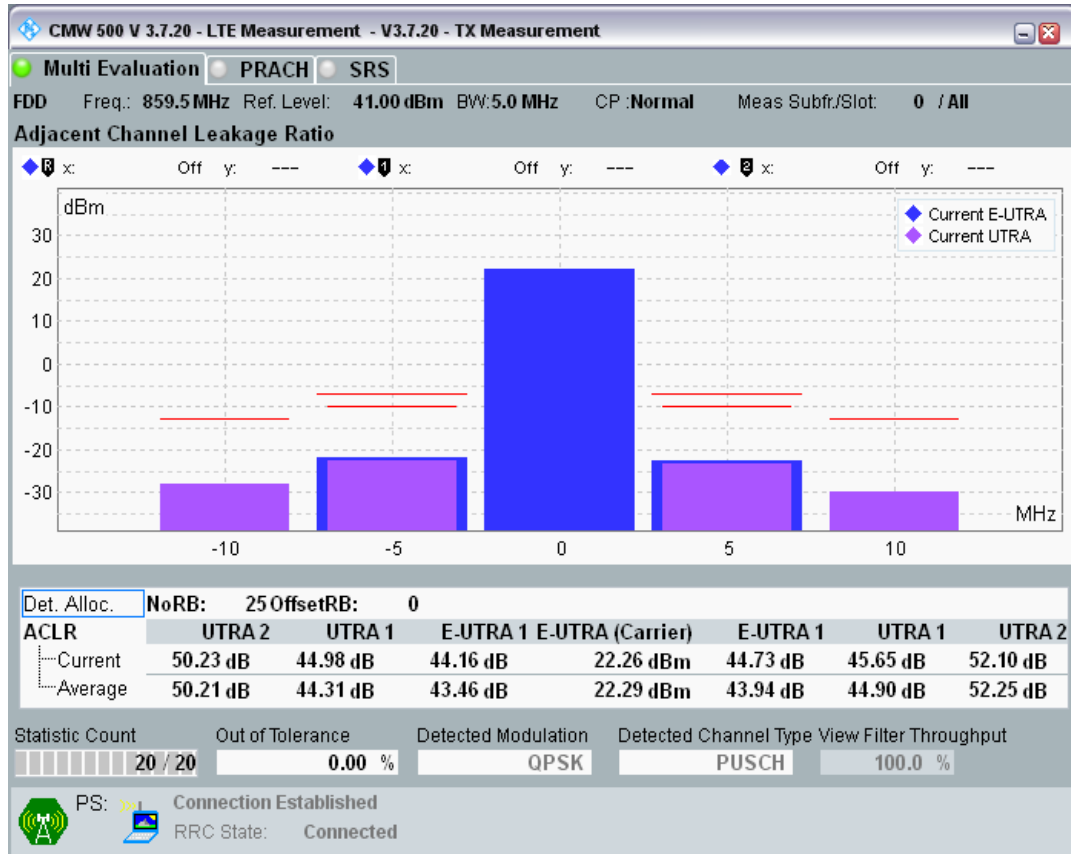
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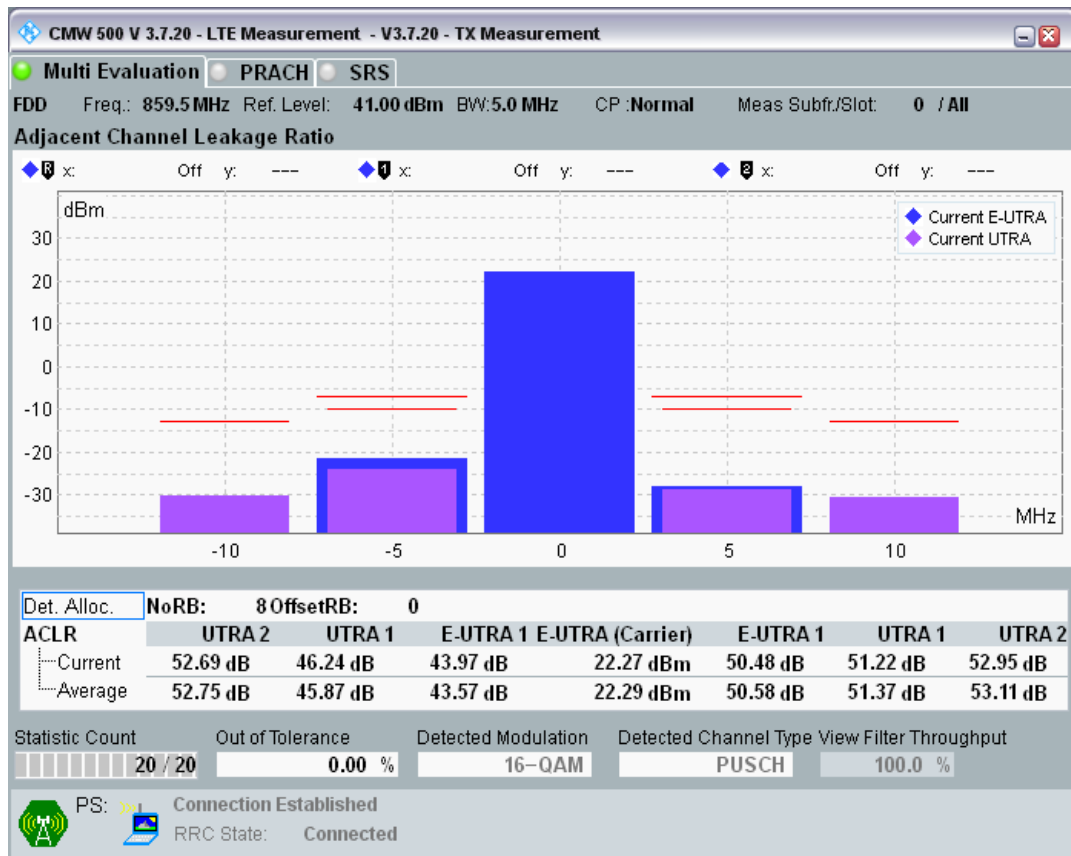
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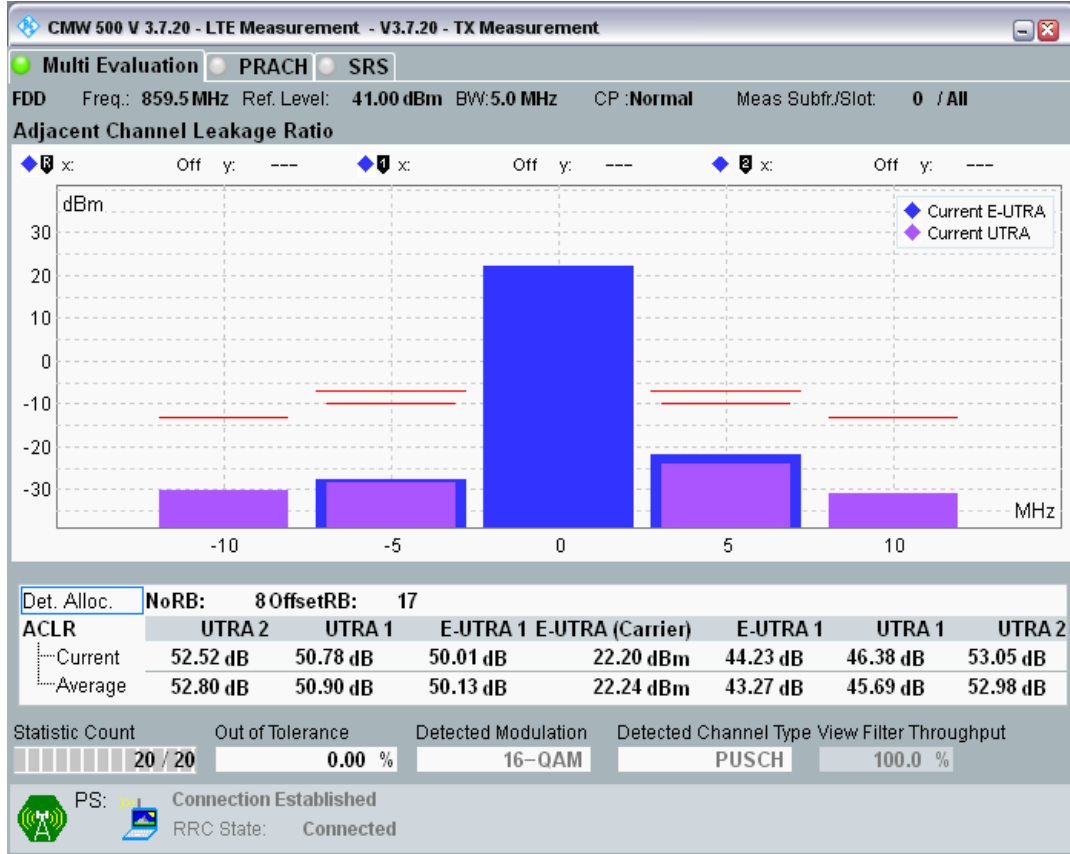
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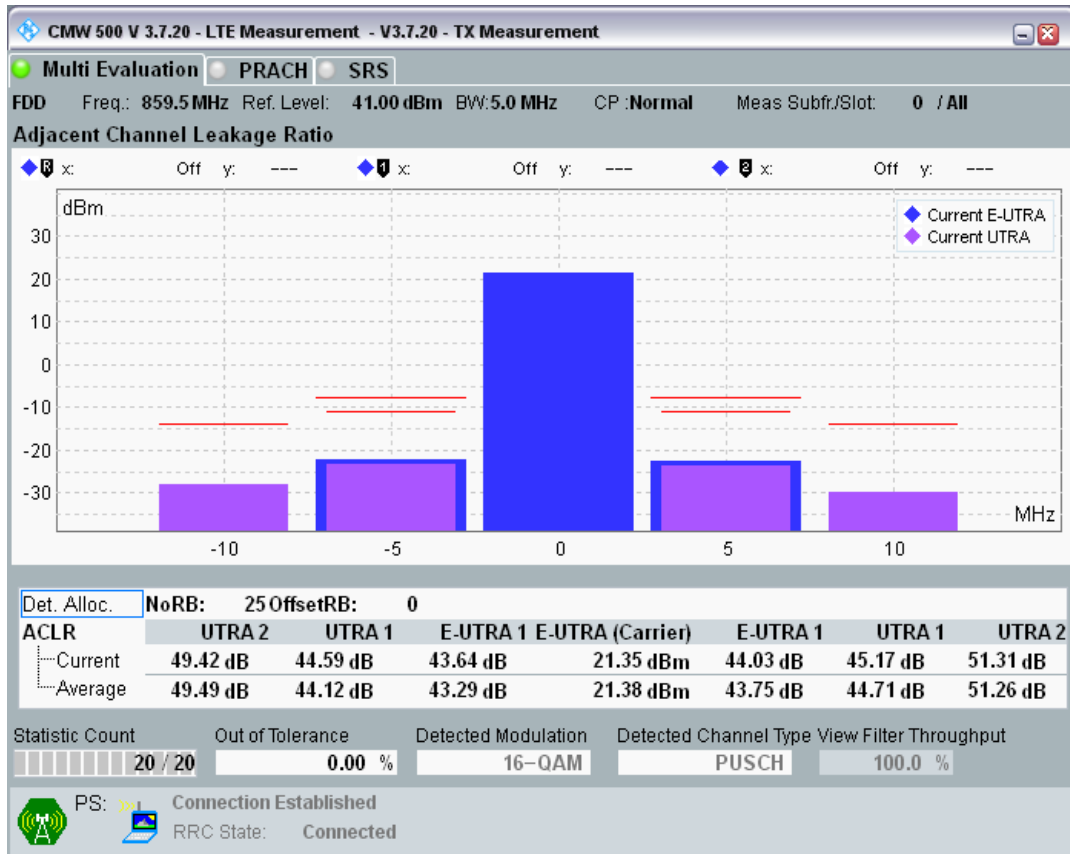
Band20 16QAM BW=5MHz Channel=24425 RB Size=8 Position=#0



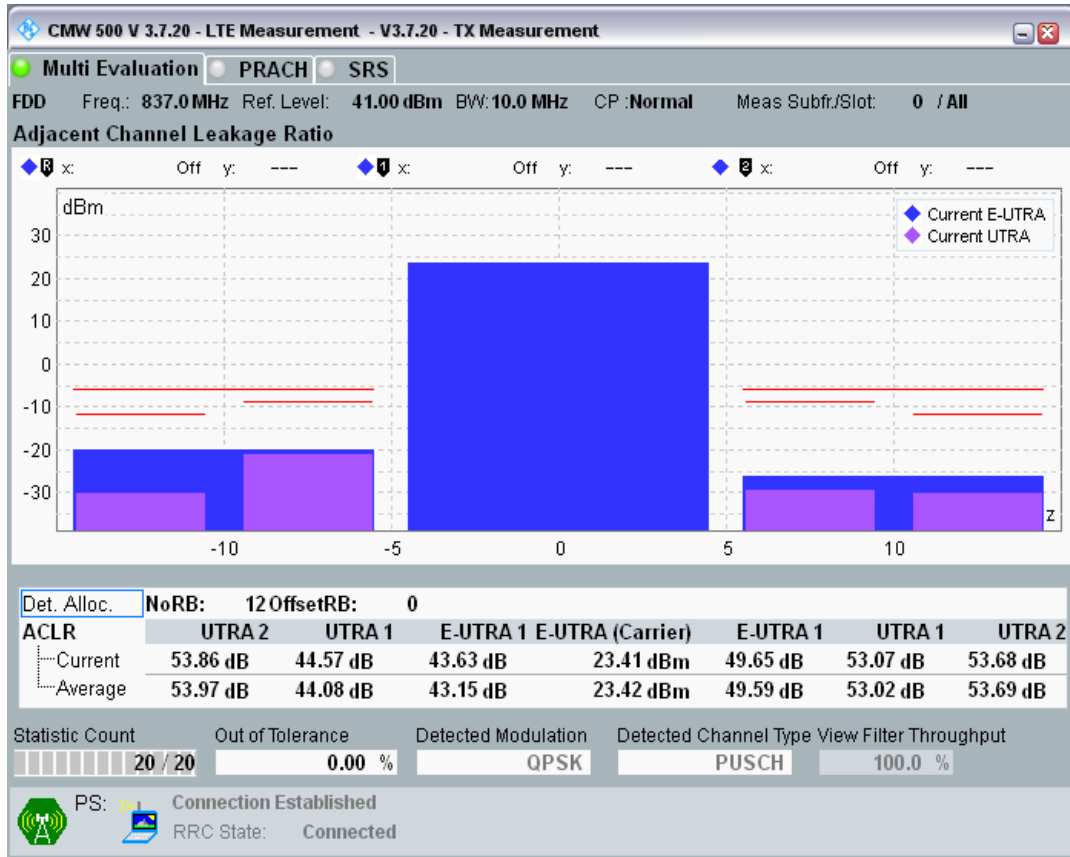
Band20 16QAM BW=5MHz Channel=24425 RB Size=8 Position=#Max



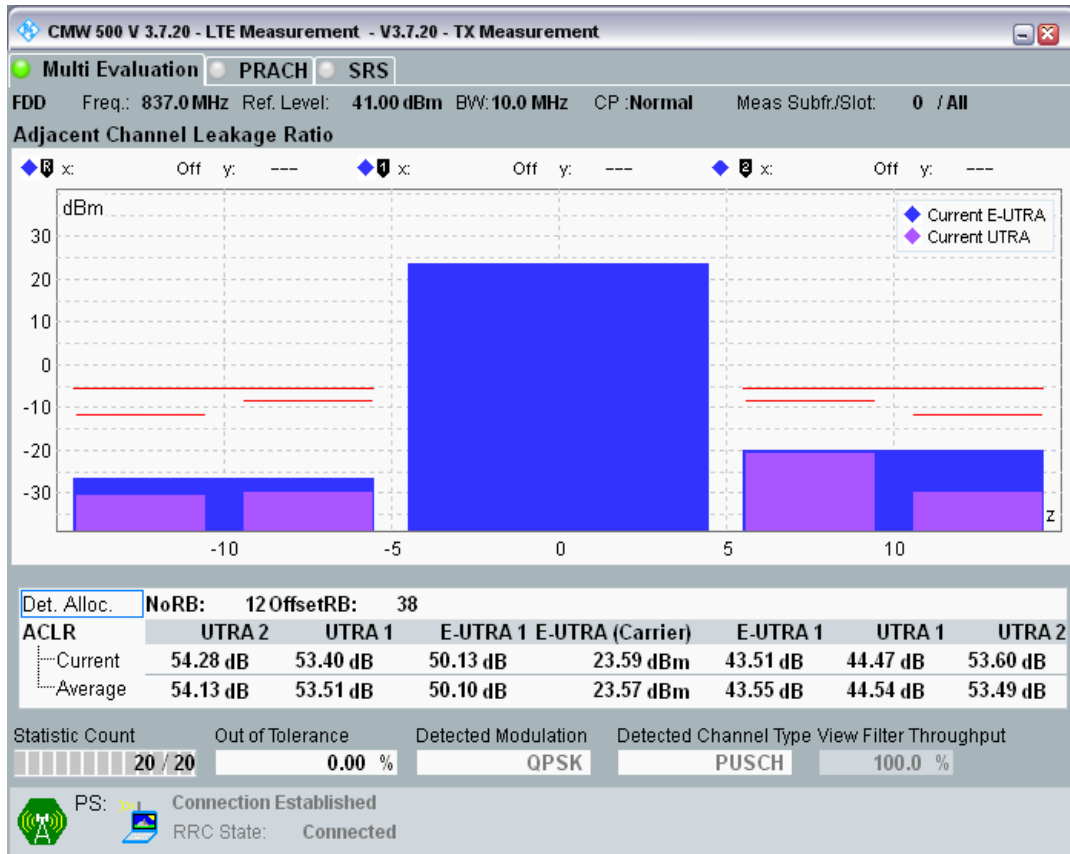
Band20 16QAM BW=5MHz Channel=24425 RB Size=25 Position=#0



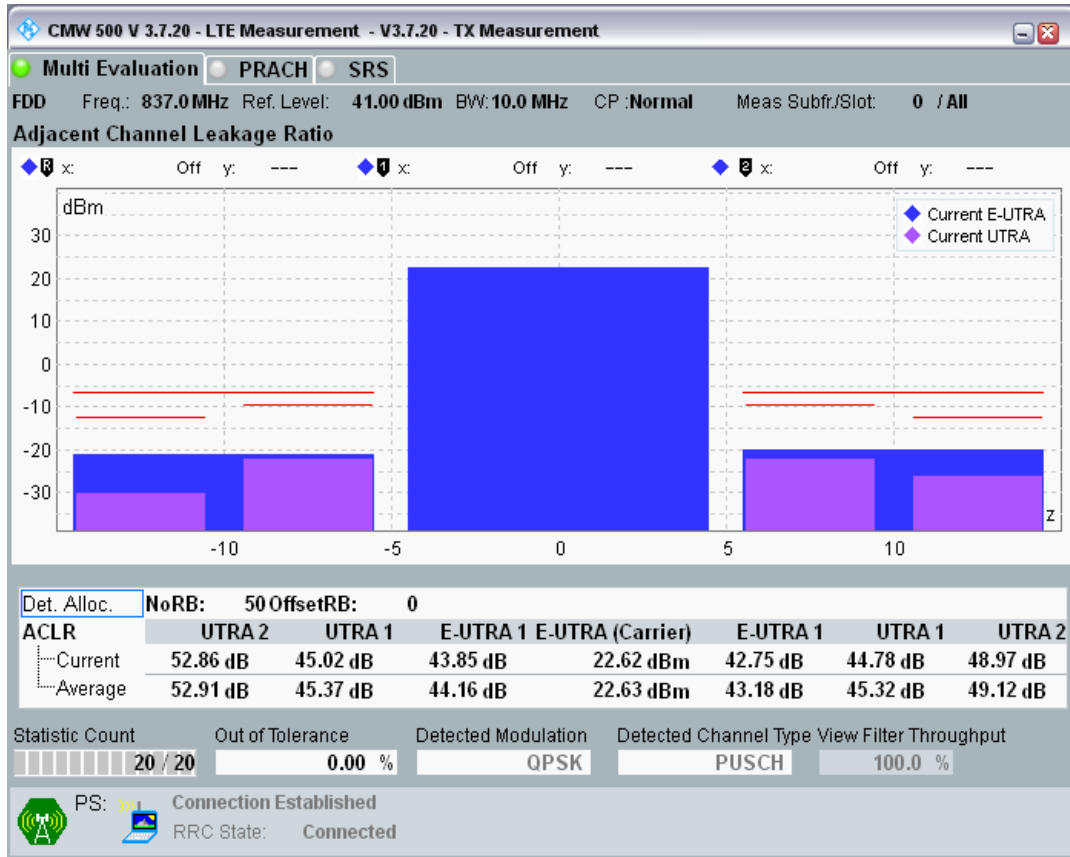
Band20 QPSK BW=10MHz Channel=24200 RB Size=12 Position=#0



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



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



Band20 16QAM BW=10MHz Channel=24200 RB Size=12 Position=#0



Band20 16QAM BW=10MHz Channel=24200 RB Size=12 Position=#Max



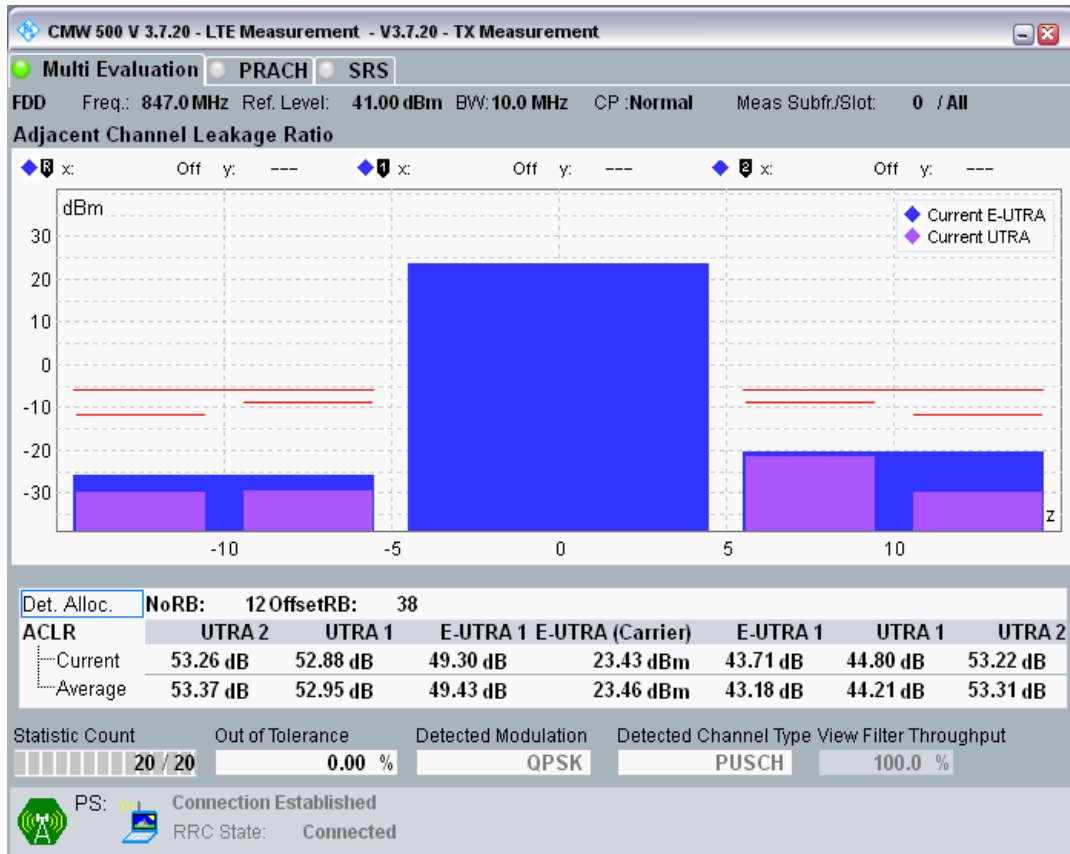
Band20 16QAM BW=10MHz Channel=24200 RB Size=50 Position=#0



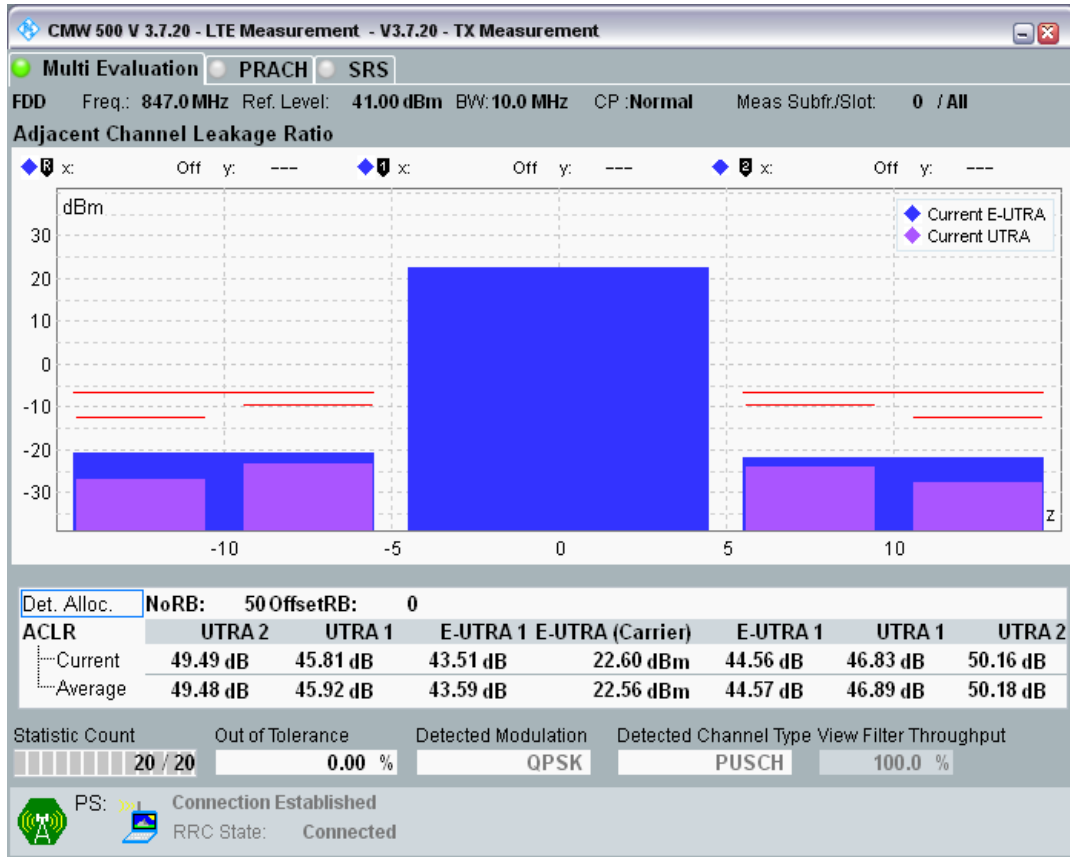
Band20 QPSK BW=10MHz Channel=24300 RB Size=12 Position=#0



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



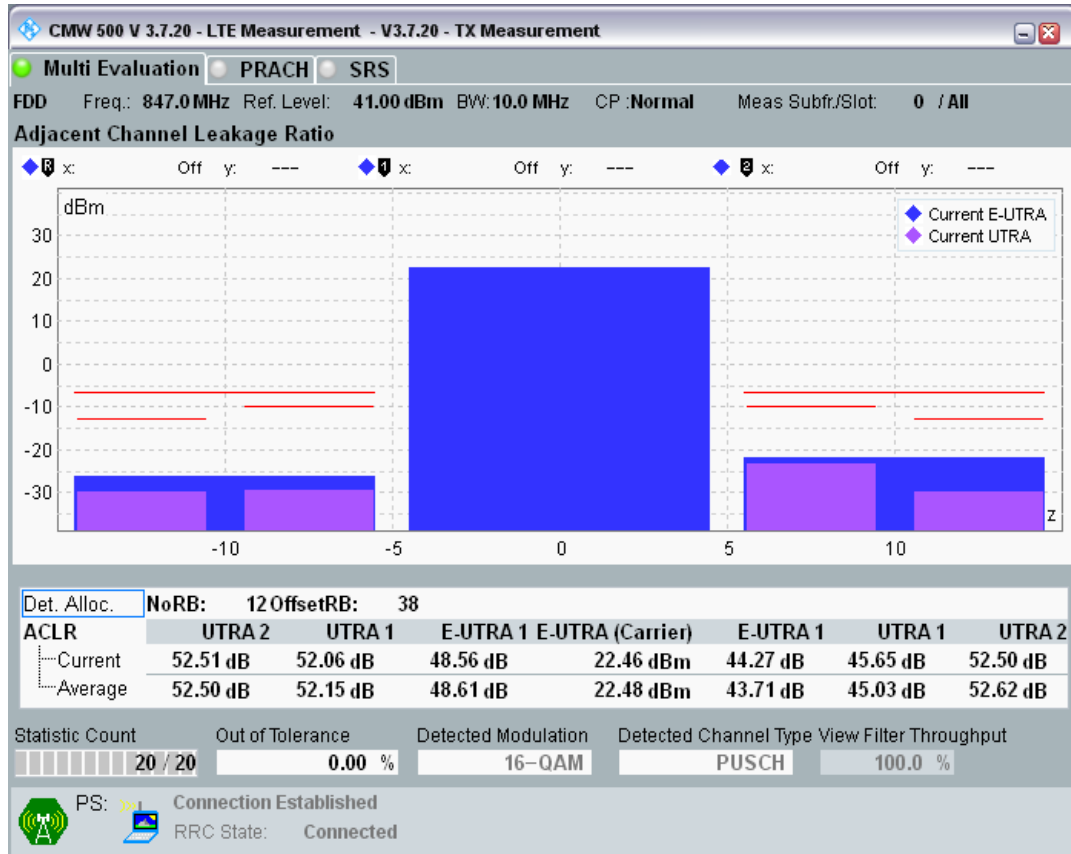
Band20 QPSK BW=10MHz Channel=24300 RB Size=50 Position=#0



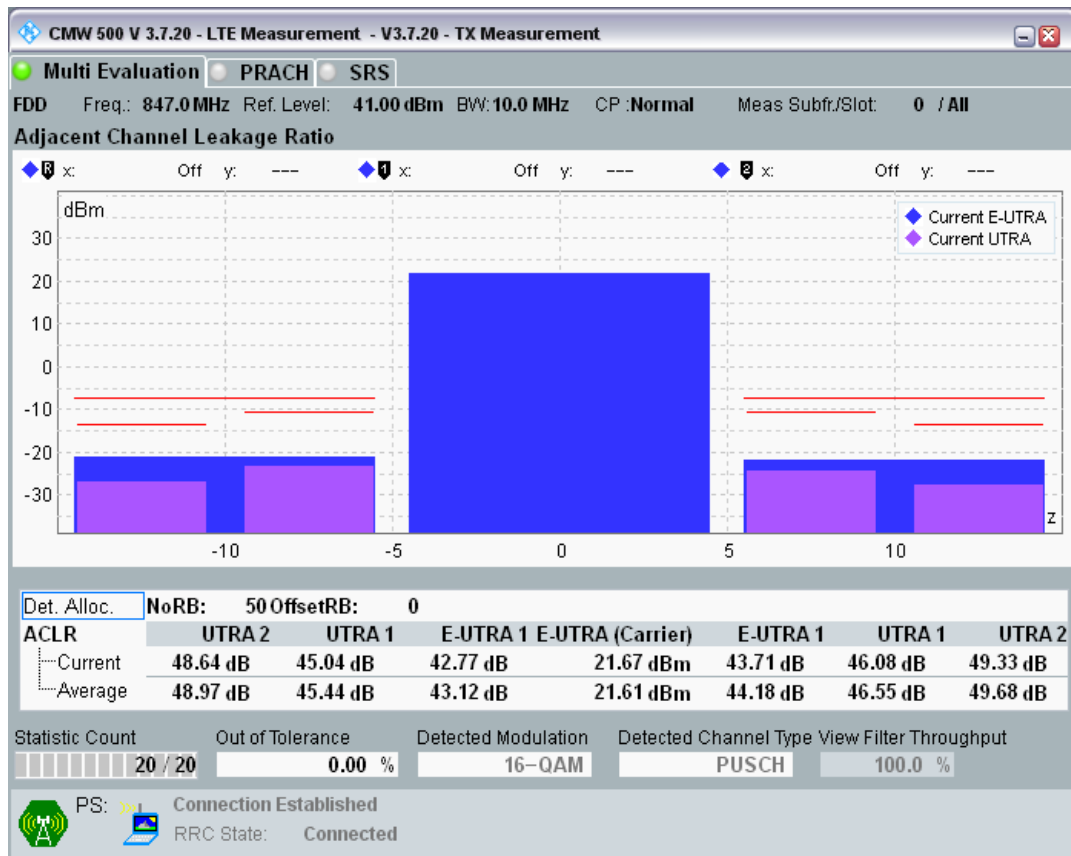
Band20 16QAM BW=10MHz Channel=24300 RB Size=12 Position=#0



Band20 16QAM BW=10MHz Channel=24300 RB Size=12 Position=#Max



Band20 16QAM BW=10MHz Channel=24300 RB Size=50 Position=#0



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



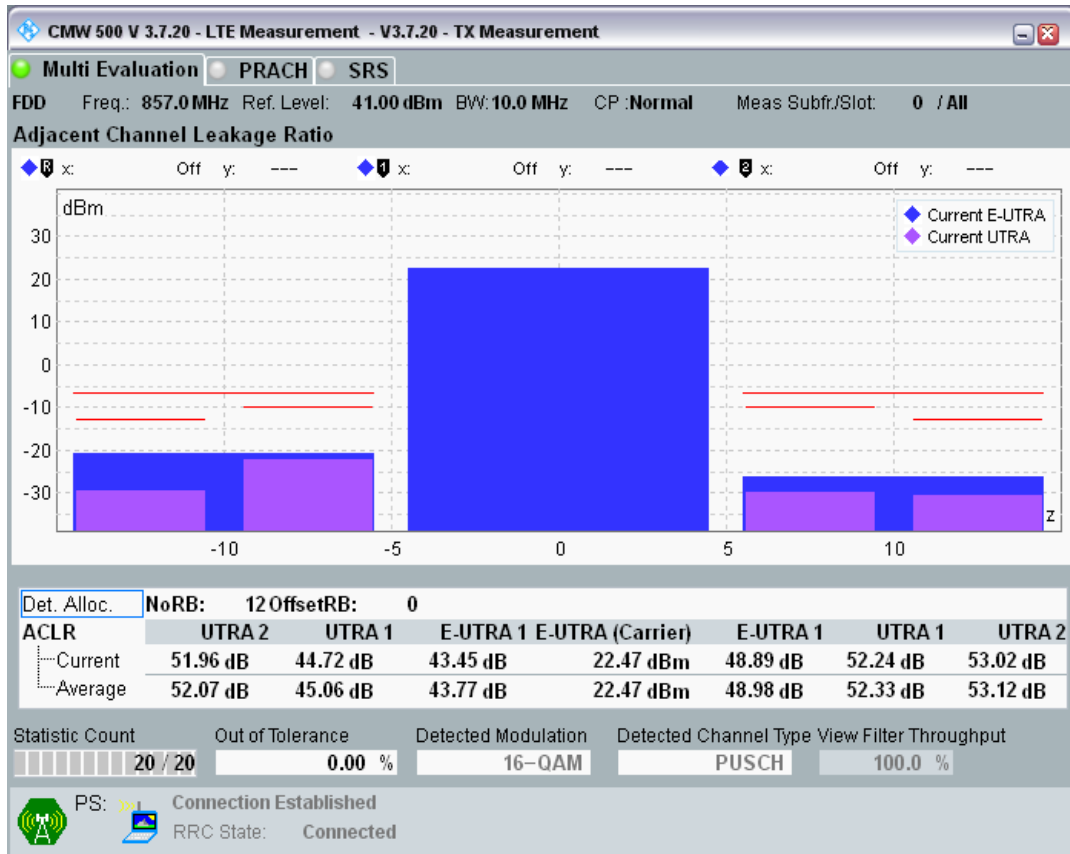
Band20 QPSK BW=10MHz Channel=24400 RB Size=12 Position=#Max



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



Band20 16QAM BW=10MHz Channel=24400 RB Size=12 Position=#0



Band20 16QAM BW=10MHz Channel=24400 RB Size=12 Position=#Max



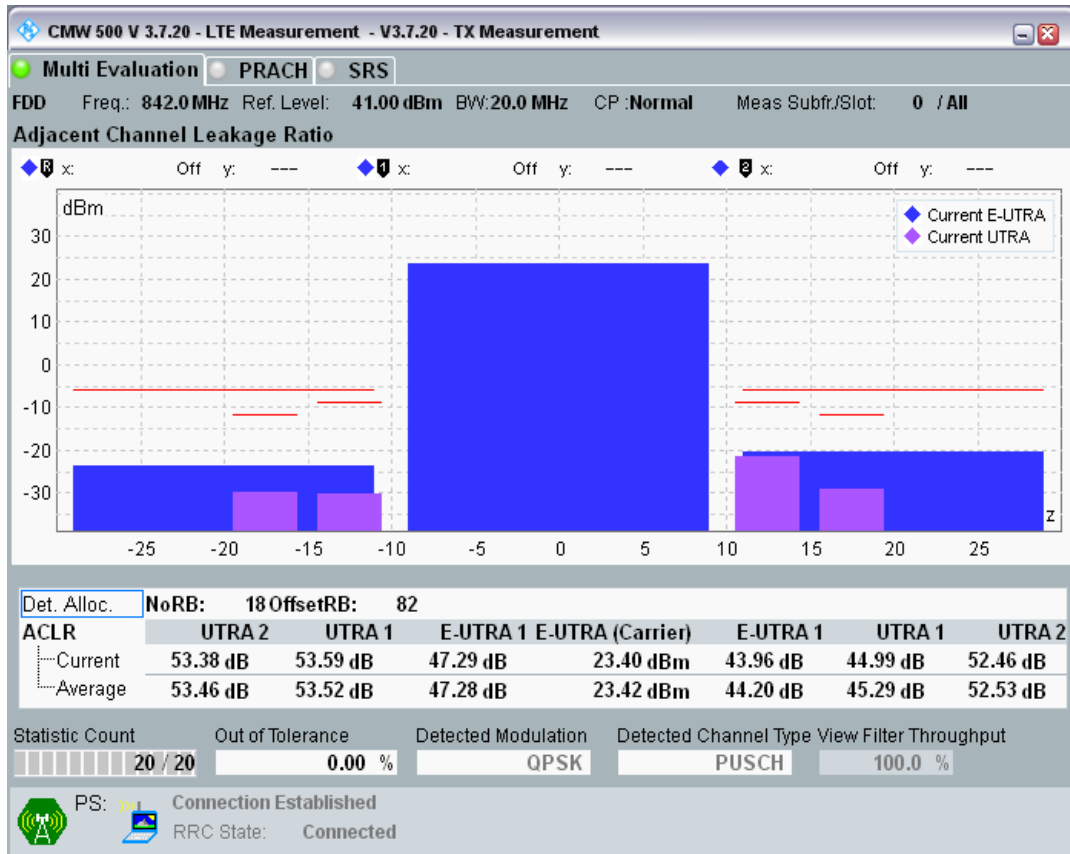
Band20 16QAM BW=10MHz Channel=24400 RB Size=50 Position=#0



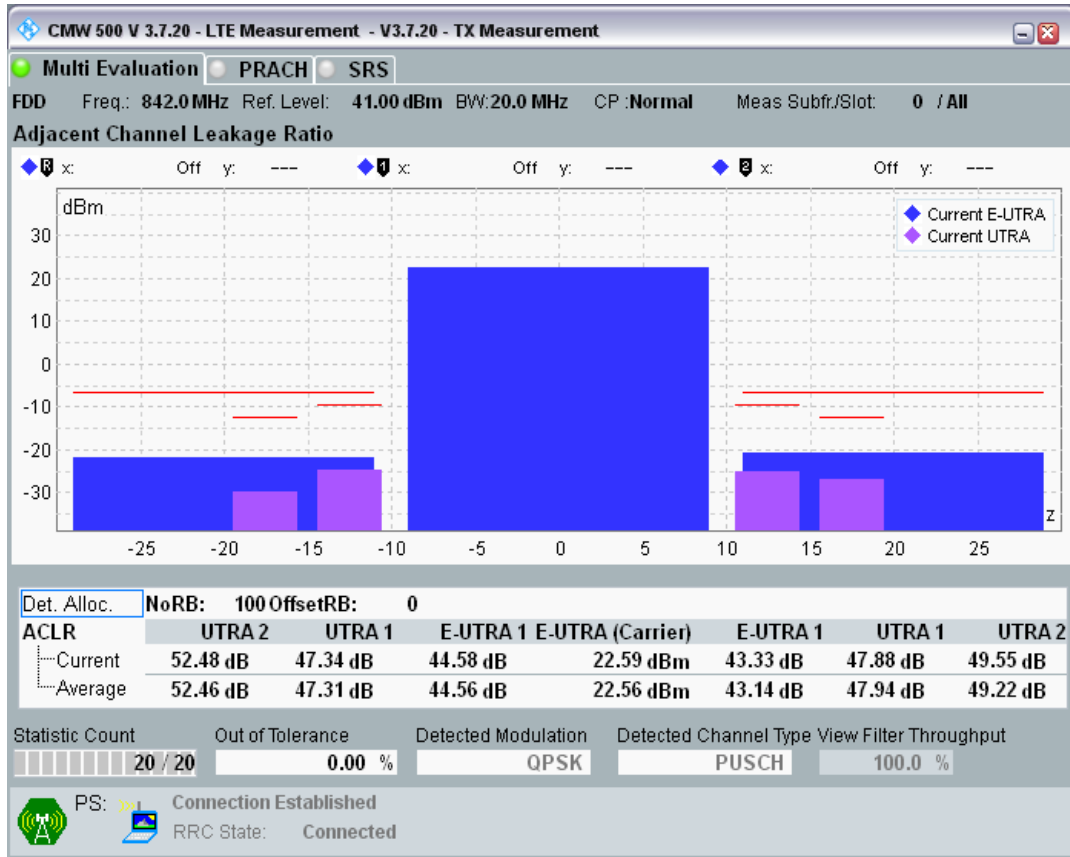
Band20 QPSK BW=20MHz Channel=24250 RB Size=18 Position=#0



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



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



Band20 16QAM BW=20MHz Channel=24250 RB Size=18 Position=#0



Band20 16QAM BW=20MHz Channel=24250 RB Size=18 Position=#Max



Band20 16QAM BW=20MHz Channel=24250 RB Size=100 Position=#0



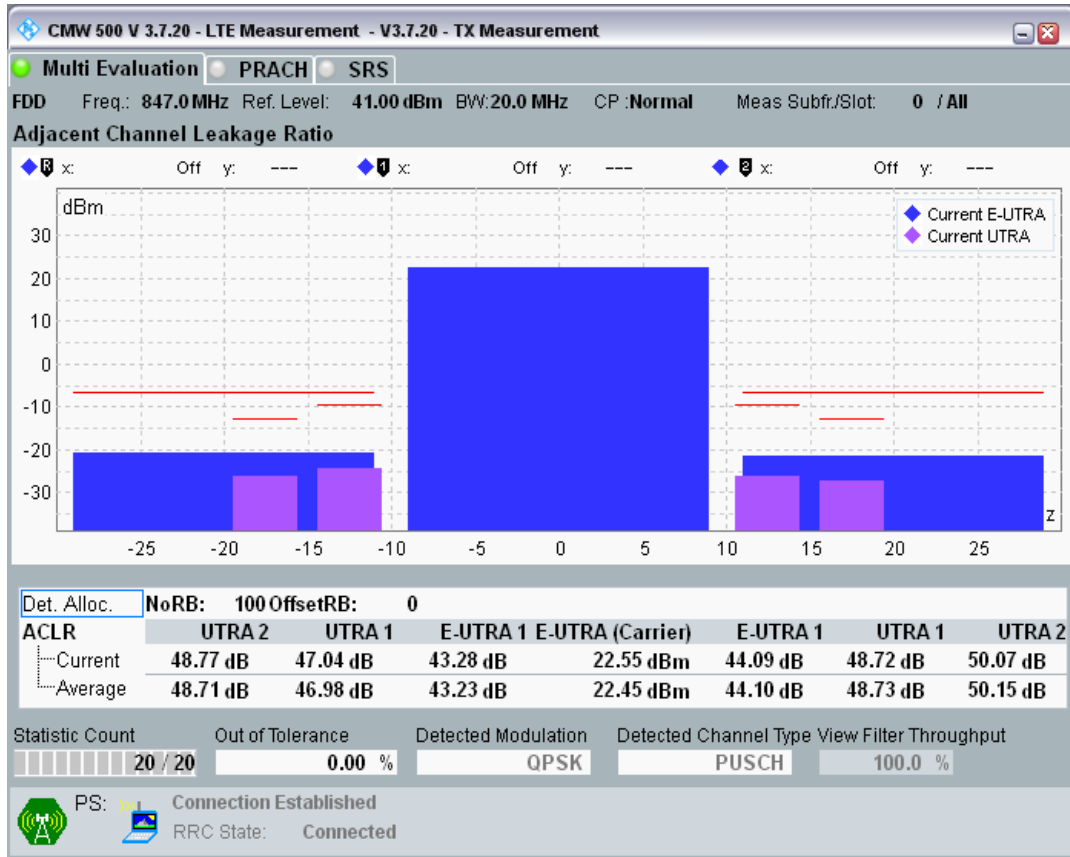
Band20 QPSK BW=20MHz Channel=24300 RB Size=18 Position=#0



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



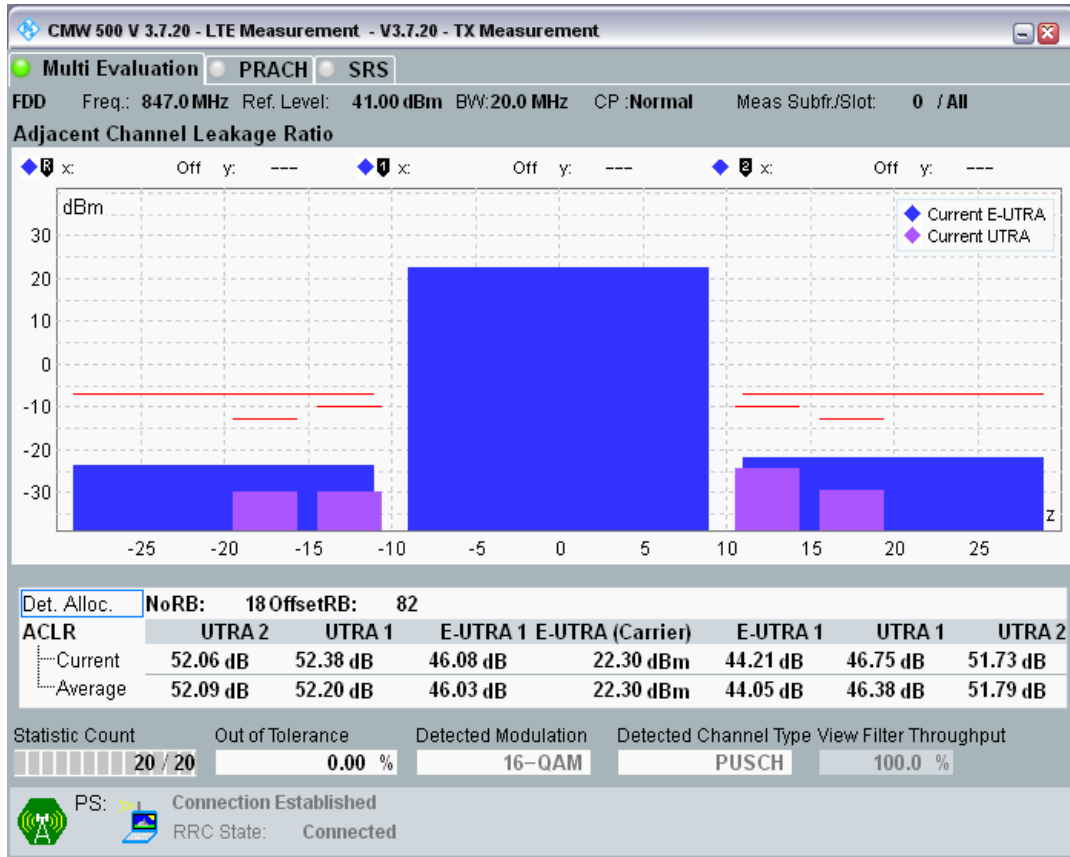
Band20 QPSK BW=20MHz Channel=24300 RB Size=100 Position=#0



Band20 16QAM BW=20MHz Channel=24300 RB Size=18 Position=#0



Band20 16QAM BW=20MHz Channel=24300 RB Size=18 Position=#Max



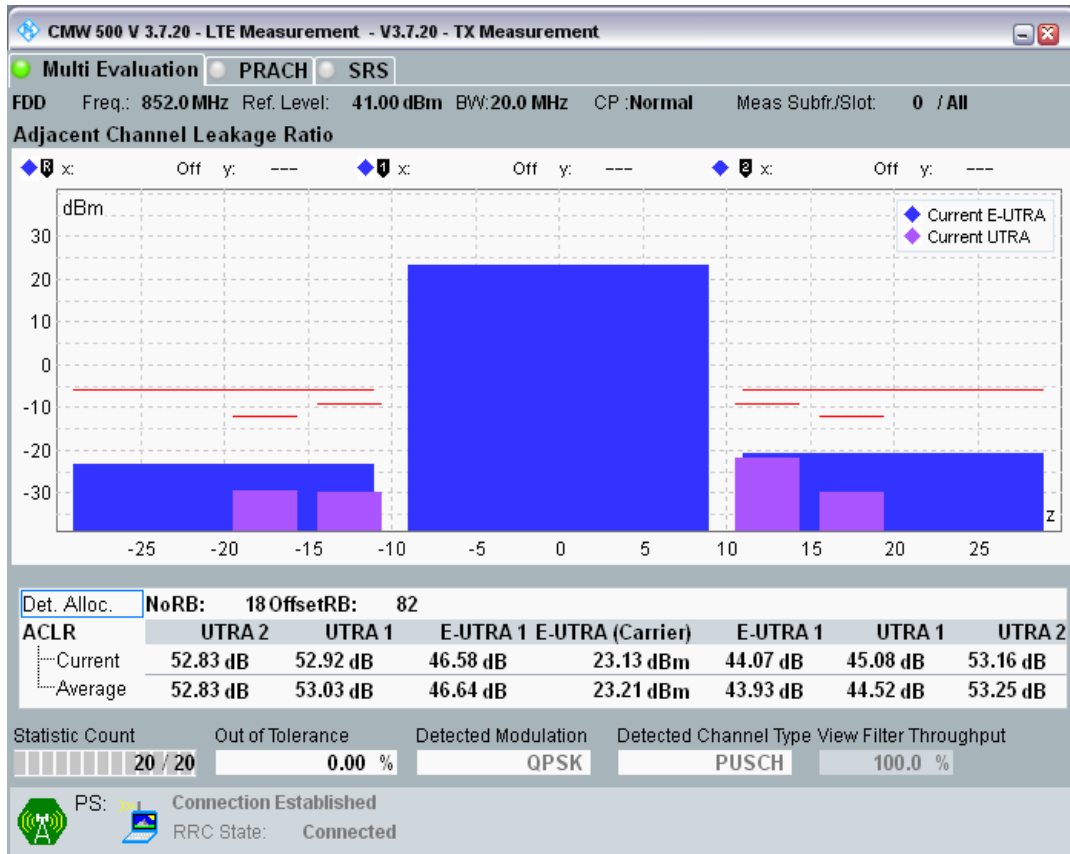
Band20 16QAM BW=20MHz Channel=24300 RB Size=100 Position=#0



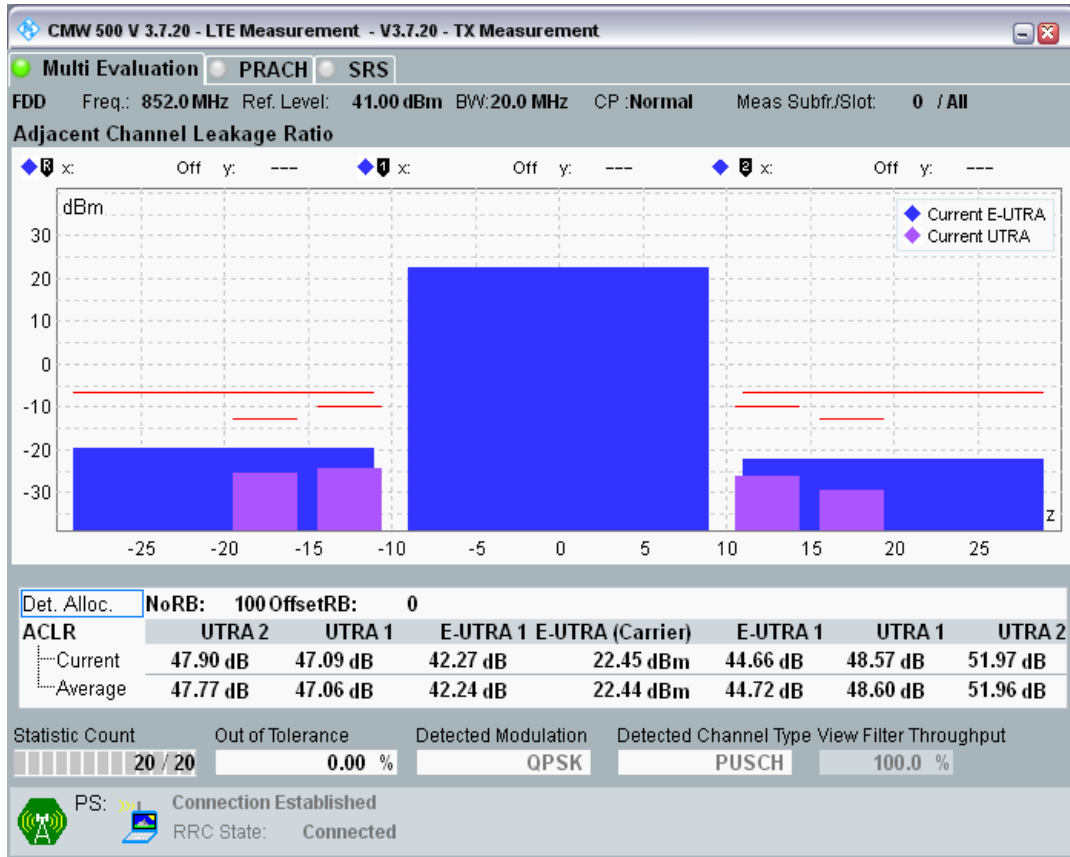
Band20 QPSK BW=20MHz Channel=24350 RB Size=18 Position=#0



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



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



Band20 16QAM BW=20MHz Channel=24350 RB Size=18 Position=#0



Band20 16QAM BW=20MHz Channel=24350 RB Size=18 Position=#Max



Band20 16QAM BW=20MHz Channel=24350 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
Band20	5	24175	25	QPSK	-95.6	100.00	95	PASS
Band20	5	24175	25	16QAM	-95.6	100.00	95	PASS
Band20	5	24300	25	QPSK	-95.6	100.00	95	PASS
Band20	5	24300	25	16QAM	-95.6	100.00	95	PASS
Band20	5	24425	25	QPSK	-95.6	100.00	95	PASS
Band20	5	24425	25	16QAM	-95.6	100.00	95	PASS
Band20	20	24250	100	QPSK	-88.6	100.00	95	PASS
Band20	20	24250	100	16QAM	-88.6	100.00	95	PASS
Band20	20	24300	100	QPSK	-88.6	100.00	95	PASS
Band20	20	24300	100	16QAM	-88.6	100.00	95	PASS
Band20	20	24350	100	QPSK	-88.6	100.00	95	PASS
Band20	20	24350	100	16QAM	-88.6	100.00	95	PASS