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1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limt (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	24.14	-2.48	-4.63	19.51	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	24.12	-2.48	-4.63	19.49	34.77	PASS
Band13	5	23205	1	#Max	QPSK	24.12	-2.48	-4.63	19.49	34.77	PASS
Band13	5	23205	12	#0	QPSK	23.04	-2.48	-4.63	18.41	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	23	-2.48	-4.63	18.37	34.77	PASS
Band13	5	23205	12	#Max	QPSK	22.99	-2.48	-4.63	18.36	34.77	PASS
Band13	5	23205	25	#0	QPSK	23.06	-2.48	-4.63	18.43	34.77	PASS
Band13	5	23205	1	#0	QAM16	23.57	-2.48	-4.63	18.94	34.77	PASS
Band13	5	23205	1	#Mid	QAM16	23.51	-2.48	-4.63	18.88	34.77	PASS
Band13	5	23205	1	#Max	QAM16	23.48	-2.48	-4.63	18.85	34.77	PASS
Band13	5	23205	12	#0	QAM16	22.04	-2.48	-4.63	17.41	34.77	PASS
Band13	5	23205	12	#Mid	QAM16	21.99	-2.48	-4.63	17.36	34.77	PASS
Band13	5	23205	12	#Max	QAM16	21.98	-2.48	-4.63	17.35	34.77	PASS
Band13	5	23205	25	#0	QAM16	22	-2.48	-4.63	17.37	34.77	PASS
Band13	5	23230	1	#0	QPSK	24.04	-2.48	-4.63	19.41	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	24.07	-2.48	-4.63	19.44	34.77	PASS
Band13	5	23230	1	#Max	QPSK	24.08	-2.48	-4.63	19.45	34.77	PASS
Band13	5	23230	12	#0	QPSK	22.96	-2.48	-4.63	18.33	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	22.97	-2.48	-4.63	18.34	34.77	PASS
Band13	5	23230	12	#Max	QPSK	22.98	-2.48	-4.63	18.35	34.77	PASS
Band13	5	23230	25	#0	QPSK	23.01	-2.48	-4.63	18.38	34.77	PASS
Band13	5	23230	1	#0	QAM16	23.46	-2.48	-4.63	18.83	34.77	PASS
Band13	5	23230	1	#Mid	QAM16	23.4	-2.48	-4.63	18.77	34.77	PASS
Band13	5	23230	1	#Max	QAM16	23.47	-2.48	-4.63	18.84	34.77	PASS
Band13	5	23230	12	#0	QAM16	21.93	-2.48	-4.63	17.30	34.77	PASS
Band13	5	23230	12	#Mid	QAM16	21.93	-2.48	-4.63	17.30	34.77	PASS
Band13	5	23230	12	#Max	QAM16	21.96	-2.48	-4.63	17.33	34.77	PASS
Band13	5	23230	25	#0	QAM16	22.02	-2.48	-4.63	17.39	34.77	PASS
Band13	5	23255	1	#0	QPSK	24.03	-2.48	-4.63	19.40	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	23.98	-2.48	-4.63	19.35	34.77	PASS
Band13	5	23255	1	#Max	QPSK	23.99	-2.48	-4.63	19.36	34.77	PASS
Band13	5	23255	12	#0	QPSK	23	-2.48	-4.63	18.37	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	22.99	-2.48	-4.63	18.36	34.77	PASS
Band13	5	23255	12	#Max	QPSK	22.98	-2.48	-4.63	18.35	34.77	PASS
Band13	5	23255	25	#0	QPSK	23.02	-2.48	-4.63	18.39	34.77	PASS
Band13	5	23255	1	#0	QAM16	23.36	-2.48	-4.63	18.73	34.77	PASS
Band13	5	23255	1	#Mid	QAM16	23.31	-2.48	-4.63	18.68	34.77	PASS

Band13	5	23255	1	#Max	QAM16	23.36	-2.48	-4.63	18.73	34.77	PASS
Band13	5	23255	12	#0	QAM16	22.06	-2.48	-4.63	17.43	34.77	PASS
Band13	5	23255	12	#Mid	QAM16	22.01	-2.48	-4.63	17.38	34.77	PASS
Band13	5	23255	12	#Max	QAM16	21.99	-2.48	-4.63	17.36	34.77	PASS
Band13	5	23255	25	#0	QAM16	21.98	-2.48	-4.63	17.35	34.77	PASS
Band13	10	23230	1	#0	QPSK	24.07	-2.48	-4.63	19.44	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	24.05	-2.48	-4.63	19.42	34.77	PASS
Band13	10	23230	1	#Max	QPSK	24.06	-2.48	-4.63	19.43	34.77	PASS
Band13	10	23230	25	#0	QPSK	22.99	-2.48	-4.63	18.36	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	23.03	-2.48	-4.63	18.40	34.77	PASS
Band13	10	23230	25	#Max	QPSK	23	-2.48	-4.63	18.37	34.77	PASS
Band13	10	23230	50	#0	QPSK	22.98	-2.48	-4.63	18.35	34.77	PASS
Band13	10	23230	1	#0	QAM16	23.46	-2.48	-4.63	18.83	34.77	PASS
Band13	10	23230	1	#Mid	QAM16	23.4	-2.48	-4.63	18.77	34.77	PASS
Band13	10	23230	1	#Max	QAM16	23.48	-2.48	-4.63	18.85	34.77	PASS
Band13	10	23230	25	#0	QAM16	22.01	-2.48	-4.63	17.38	34.77	PASS
Band13	10	23230	25	#Mid	QAM16	22.03	-2.48	-4.63	17.40	34.77	PASS
Band13	10	23230	25	#Max	QAM16	21.99	-2.48	-4.63	17.36	34.77	PASS
Band13	10	23230	50	#0	QAM16	21.98	-2.48	-4.63	17.35	34.77	PASS

2 Frequency stability

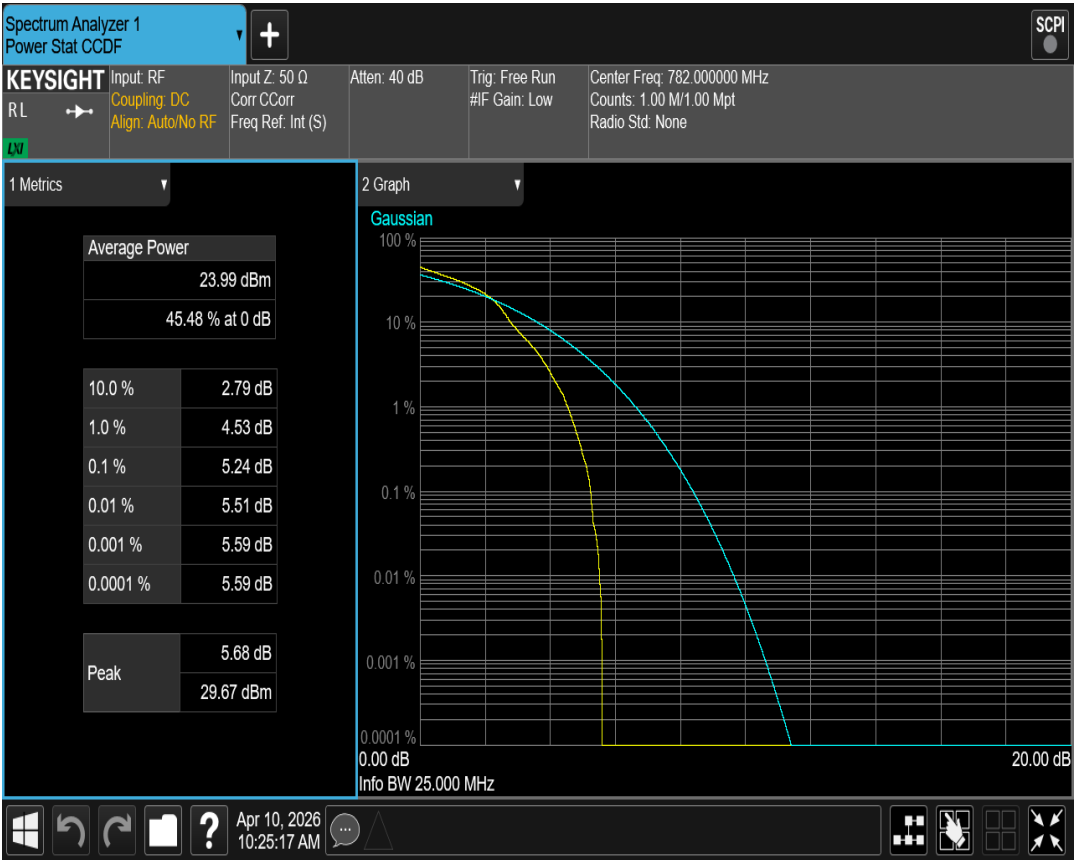
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band13	10	23230	50	#0	QPSK	-3.23	-0.004	-2.5	2.5	PASS
Band13	10	23230	50	#0	QAM16	-4.10	-0.005	-2.5	2.5	PASS

Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

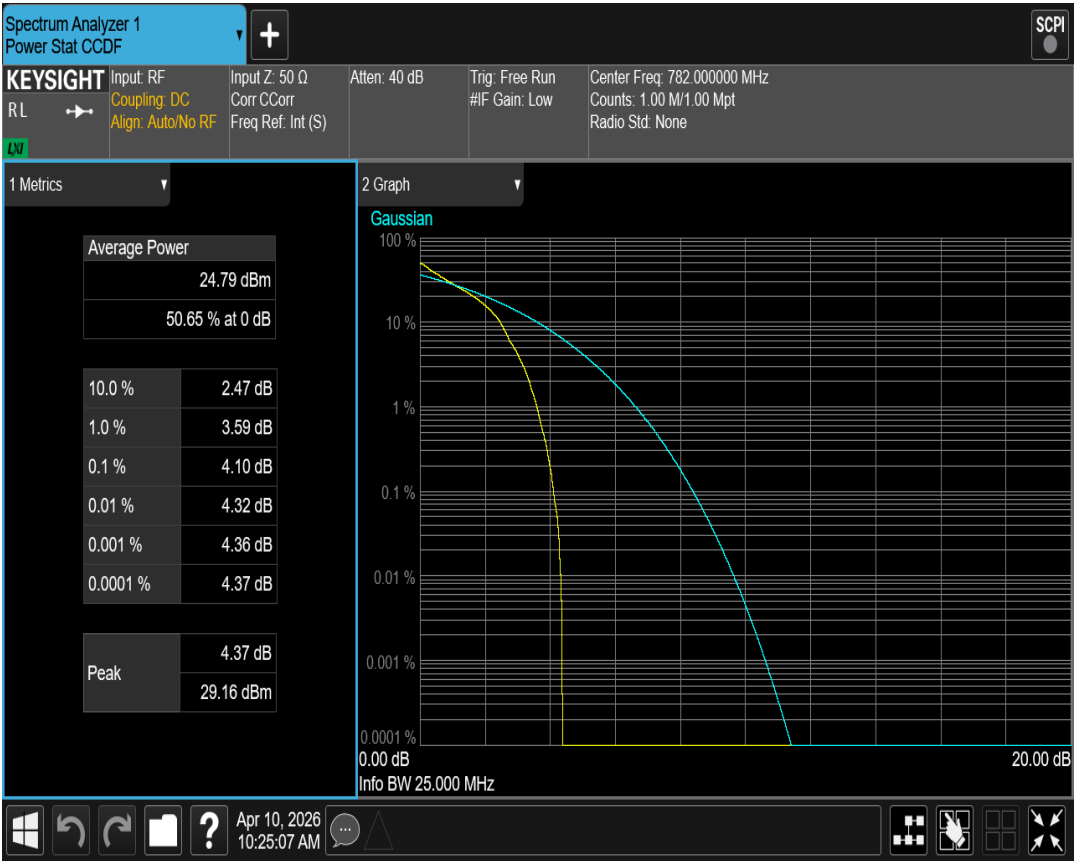
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band13	5	23230	1	#0	QPSK	4.10	13	PASS
Band13	5	23230	1	#0	QAM16	4.92	13	PASS
Band13	10	23230	1	#0	QPSK	4.48	13	PASS
Band13	10	23230	1	#0	QAM16	5.24	13	PASS

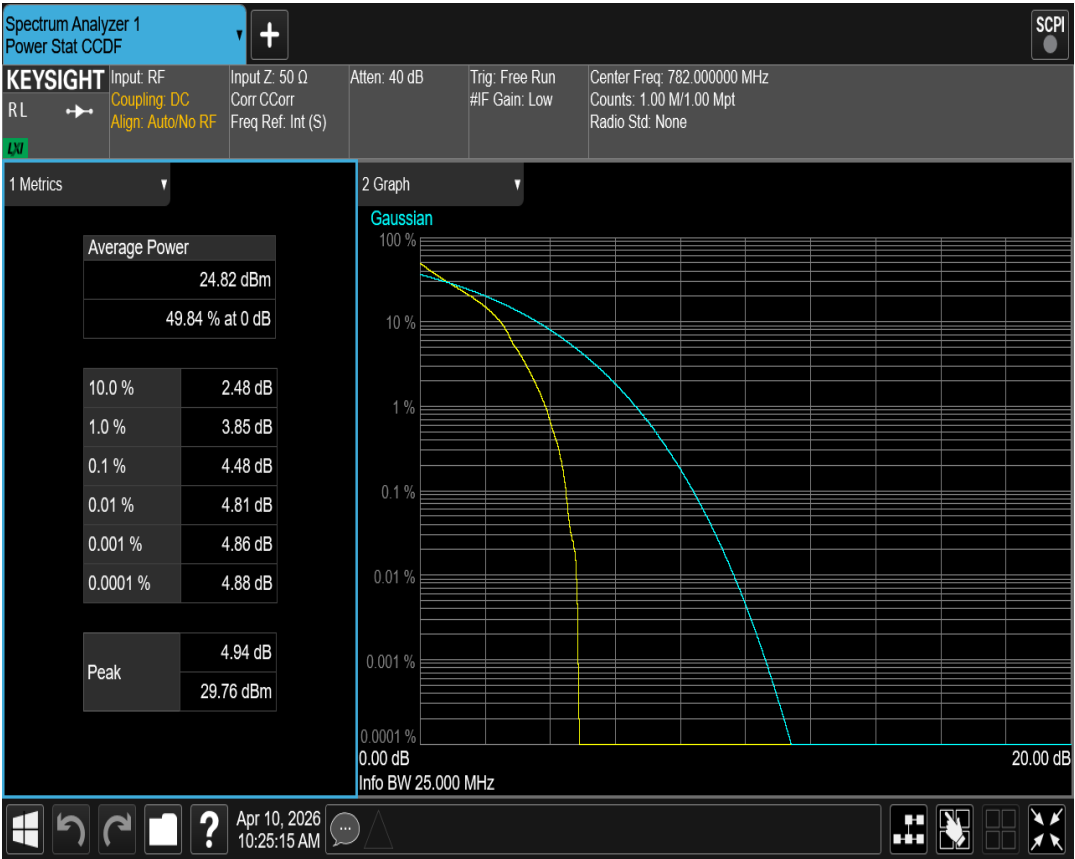
Band13 QAM16 BW=10MHz Channel=23230 RB Size=1 Position=#0



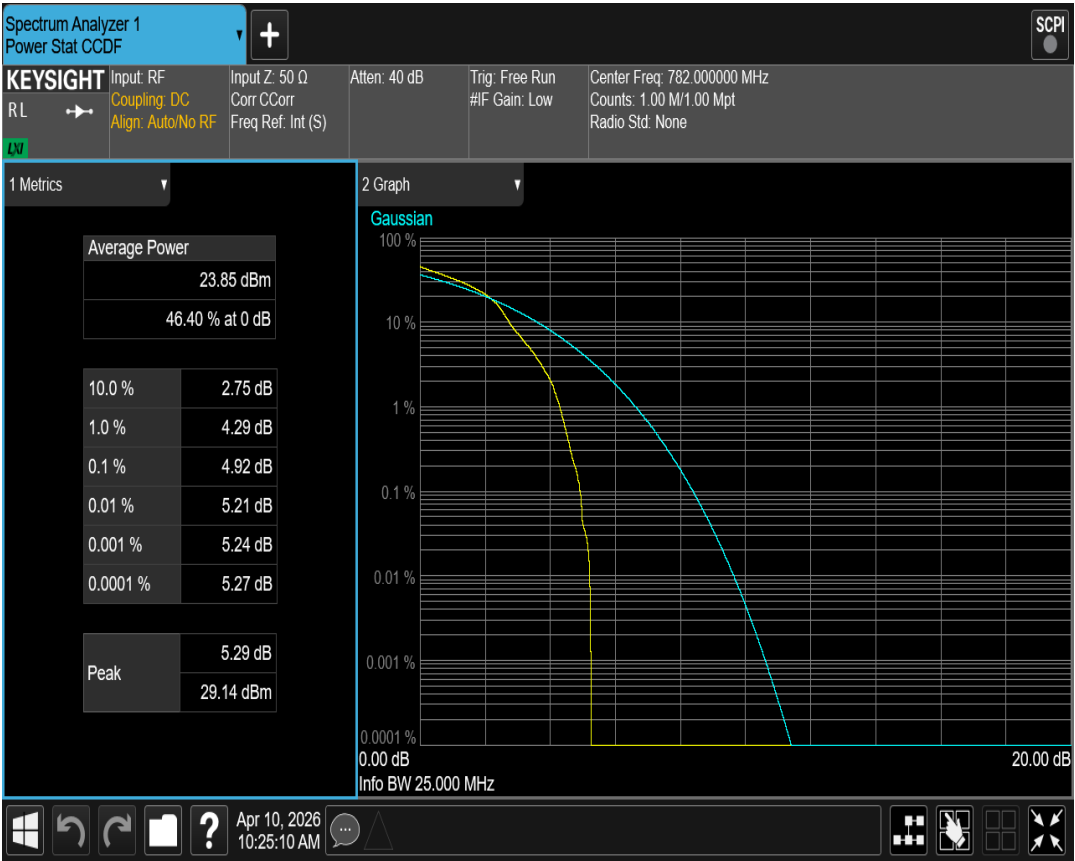
Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0



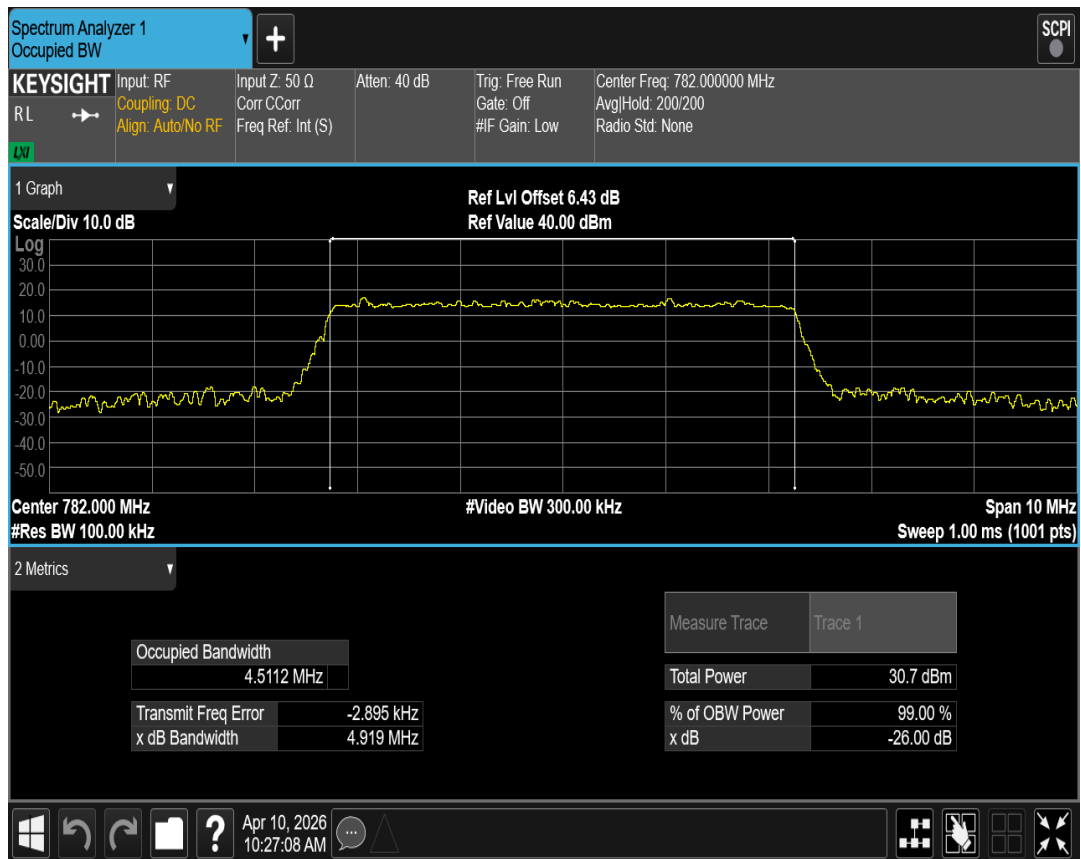
Band13 QAM16 BW=5MHz Channel=23230 RB Size=1 Position=#0



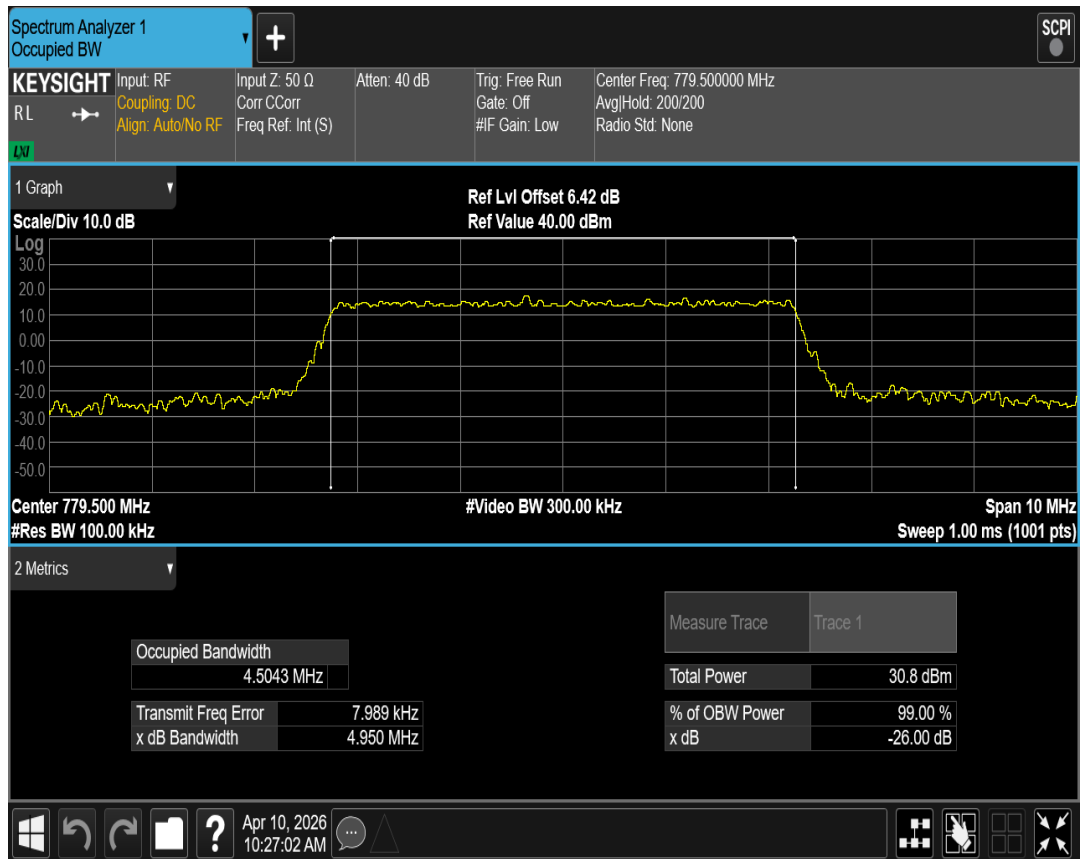
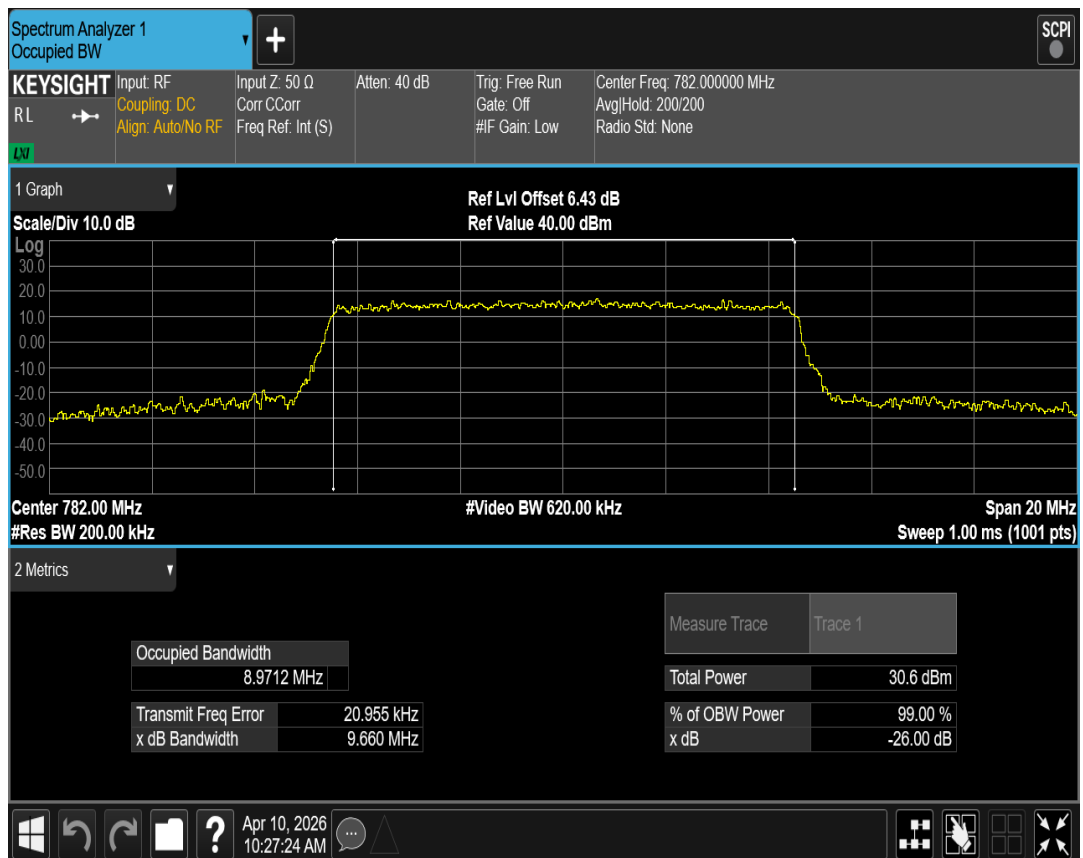
4 Occupied bandwidth

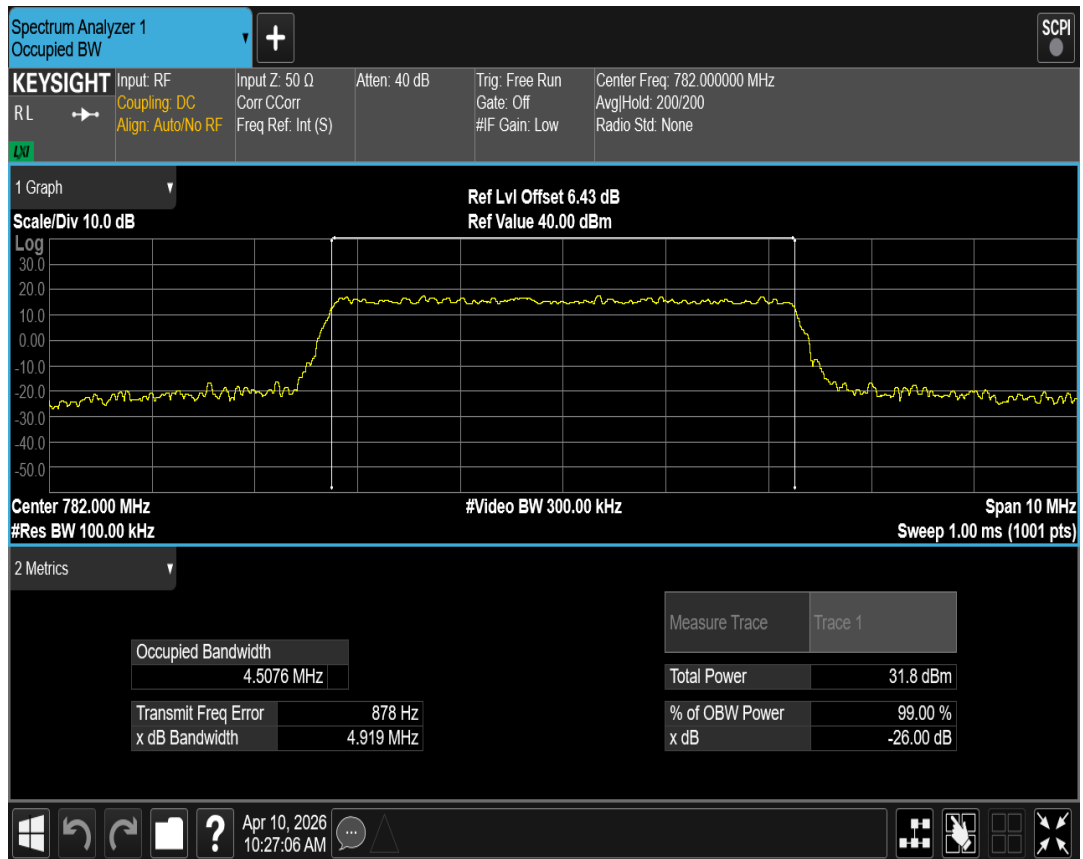
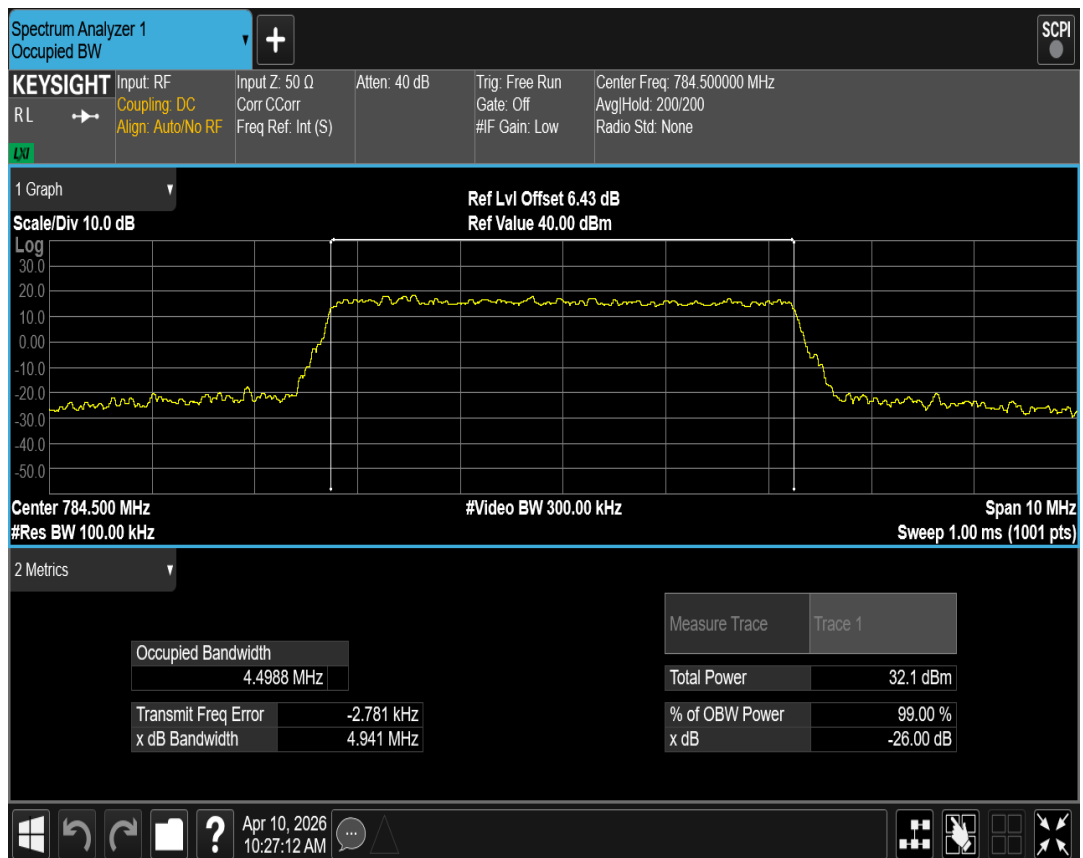
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band13	5	23205	25	#0	QPSK	4.523	4.913	PASS
Band13	5	23205	25	#0	QAM16	4.504	4.950	PASS
Band13	5	23230	25	#0	QPSK	4.508	4.919	PASS
Band13	5	23230	25	#0	QAM16	4.511	4.919	PASS
Band13	5	23255	25	#0	QPSK	4.499	4.941	PASS
Band13	5	23255	25	#0	QAM16	4.525	4.938	PASS
Band13	10	23230	50	#0	QPSK	8.971	9.727	PASS
Band13	10	23230	50	#0	QAM16	8.971	9.660	PASS

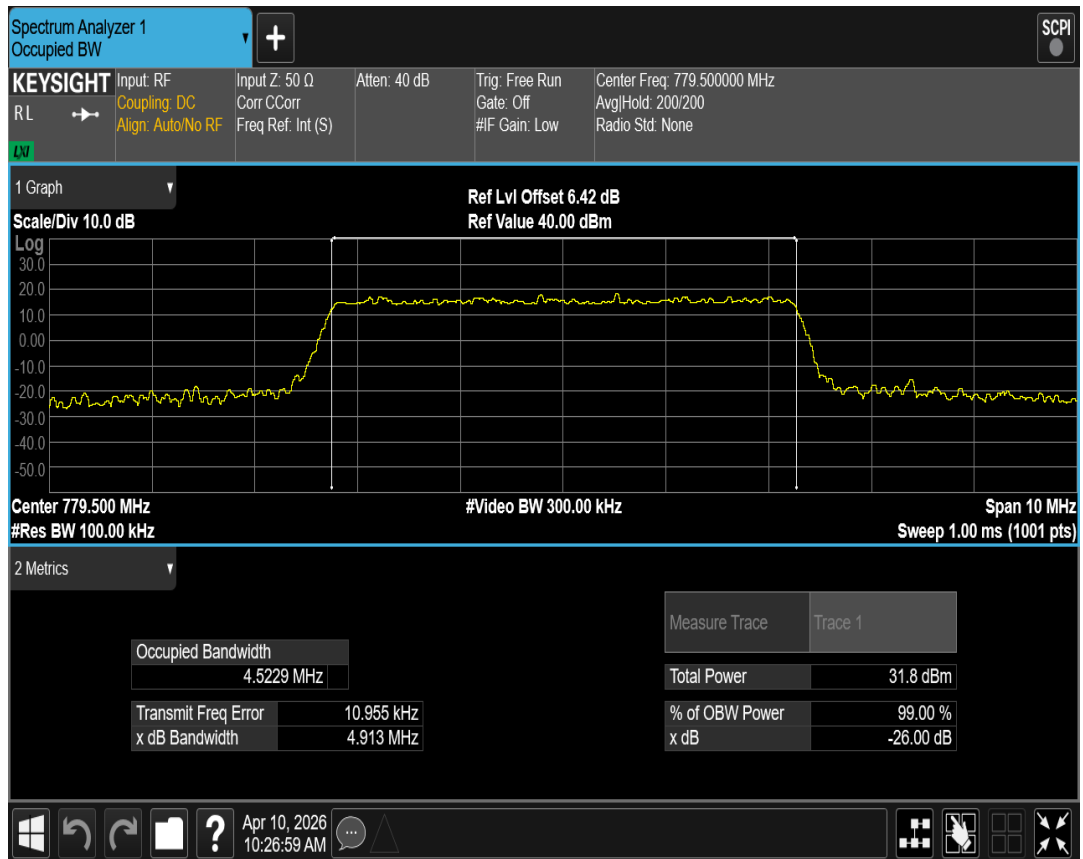
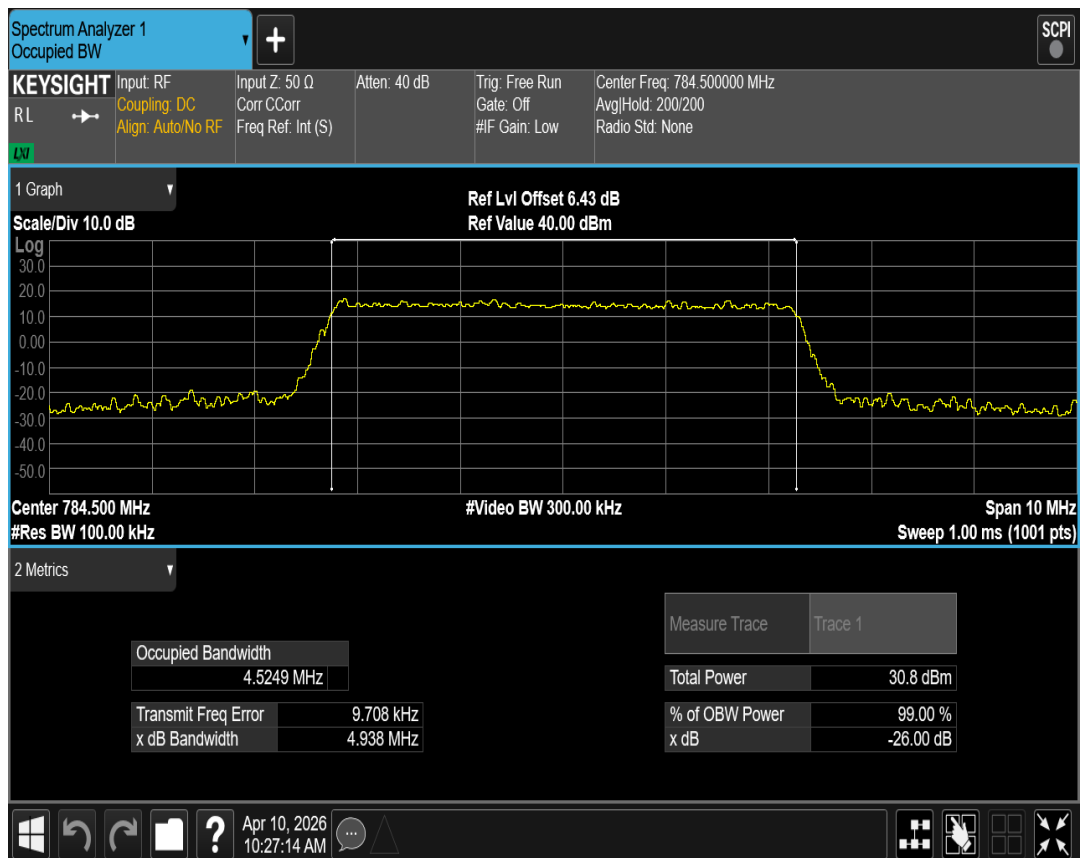
Band13 QAM16 BW=5MHz Channel=23230 RB Size=25 Position=#0

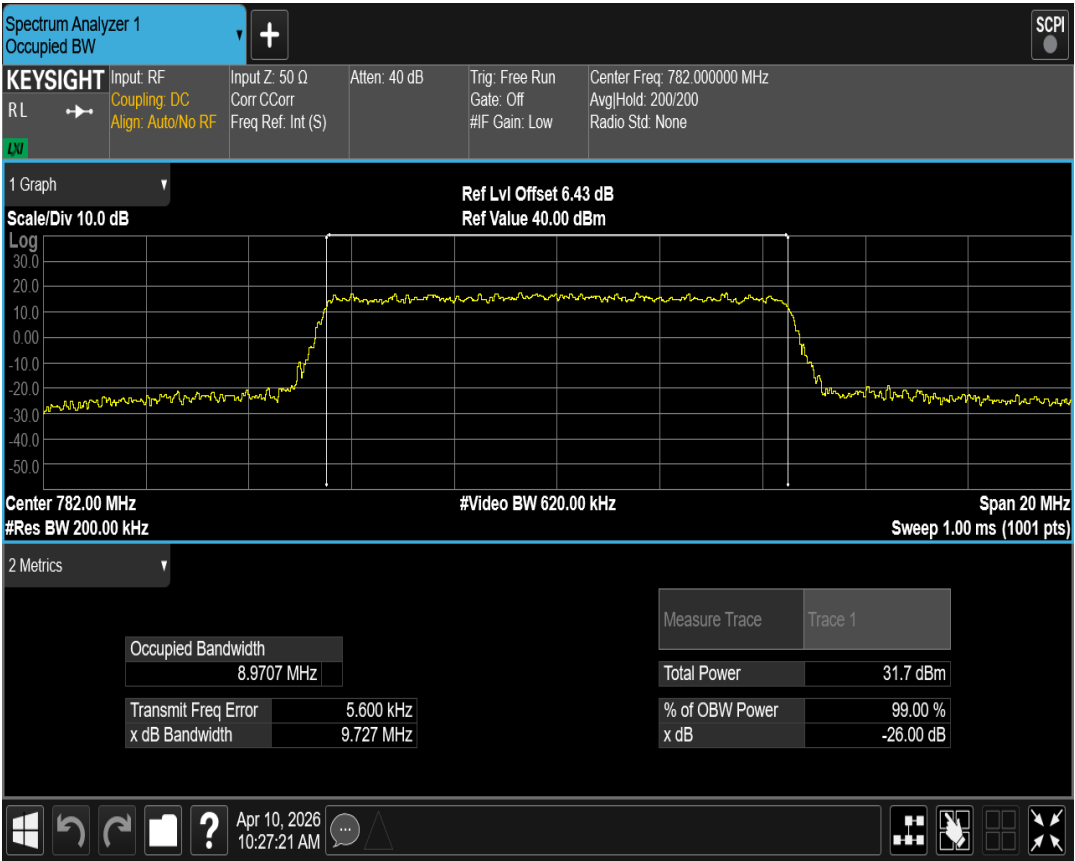


Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0

**Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0****Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0**

**Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0****Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0**

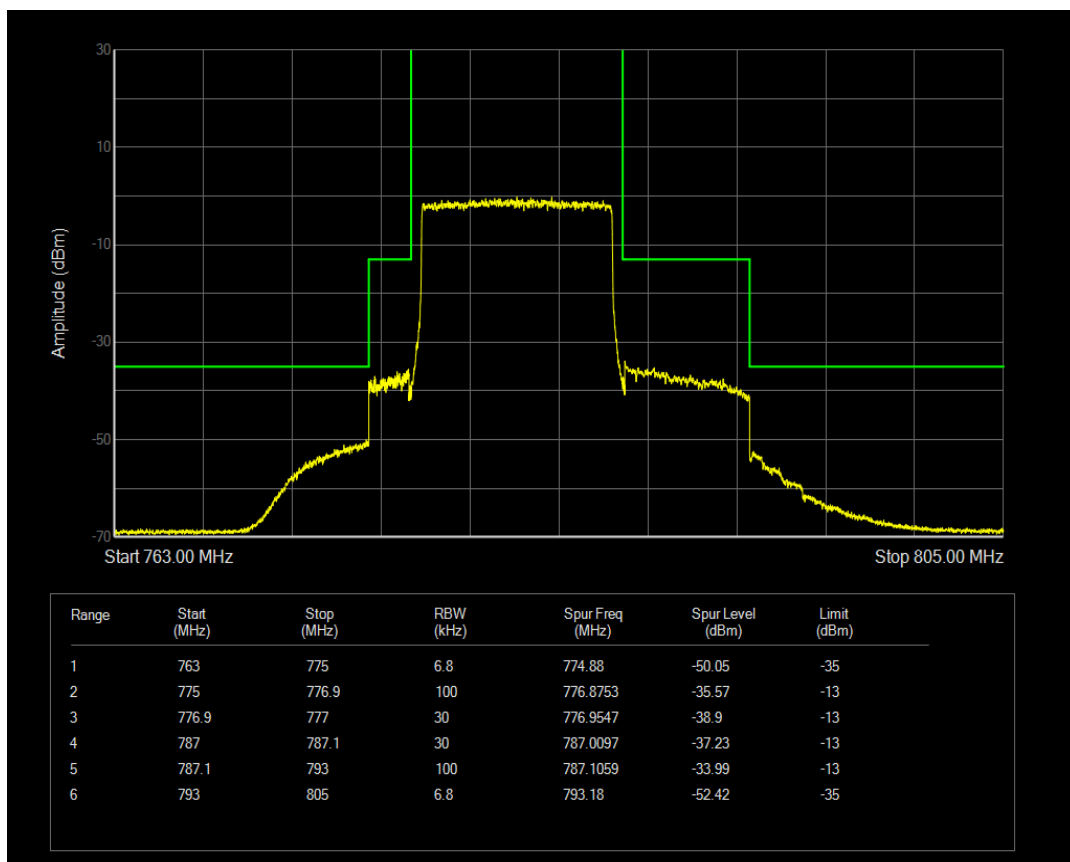
**Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0****Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0**



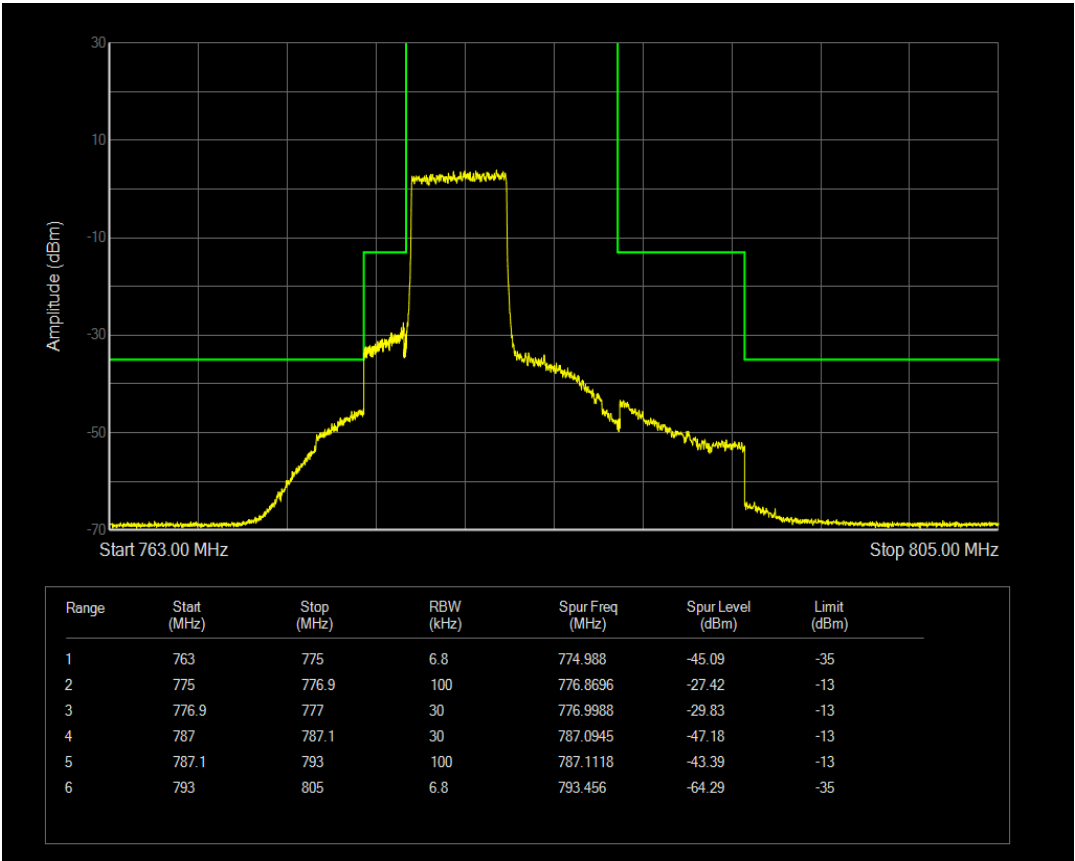
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	774.99	-45.09	-35	PASS
Band13	5	23205	25	#0	QAM16	774.93	-47.90	-35	PASS
Band13	5	23255	25	#0	QPSK	787.11	-29.86	-13	PASS
Band13	5	23255	25	#0	QAM16	787.14	-32.41	-13	PASS
Band13	10	23230	50	#0	QPSK	774.72	-47.87	-35	PASS
Band13	10	23230	50	#0	QAM16	774.88	-50.05	-35	PASS

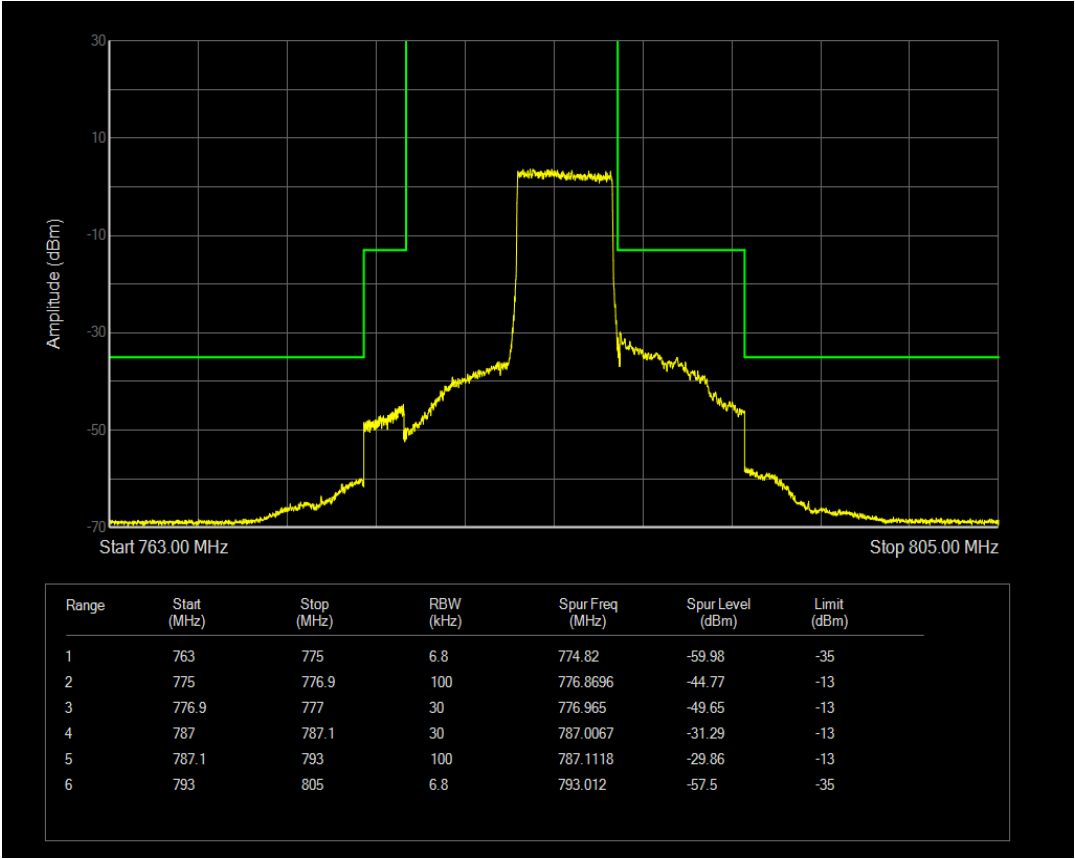
Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0



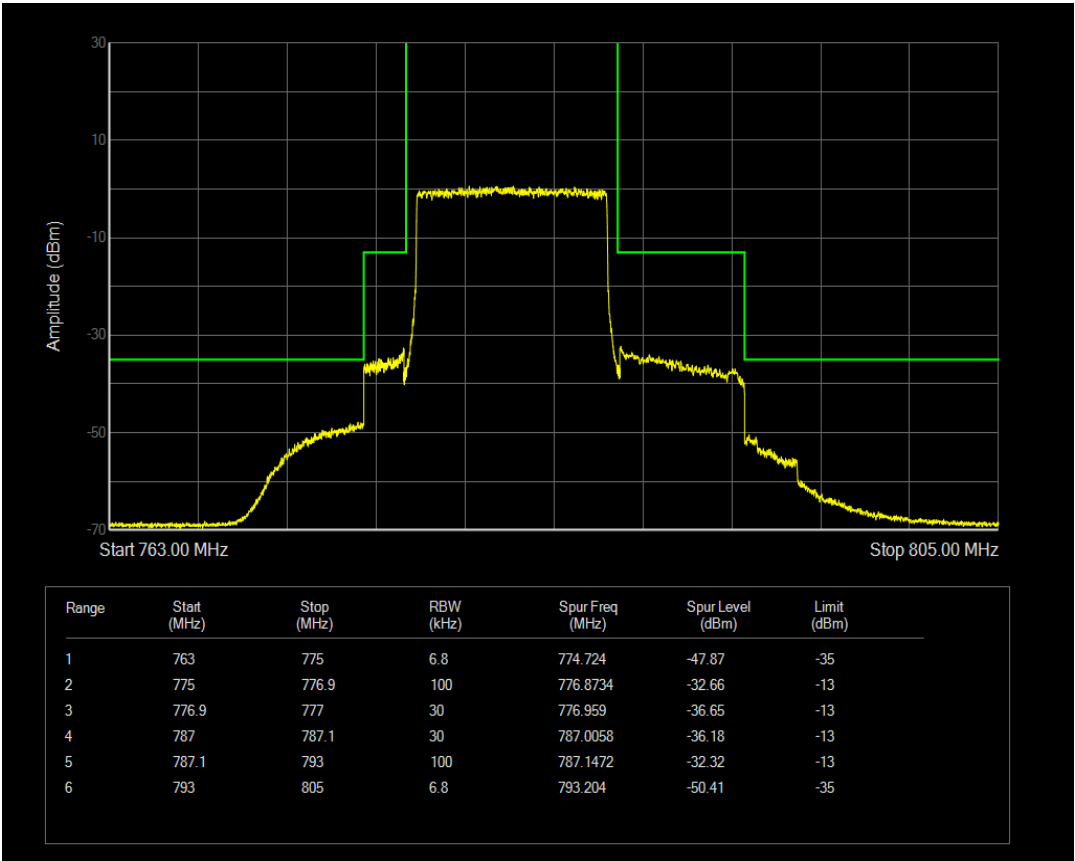
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



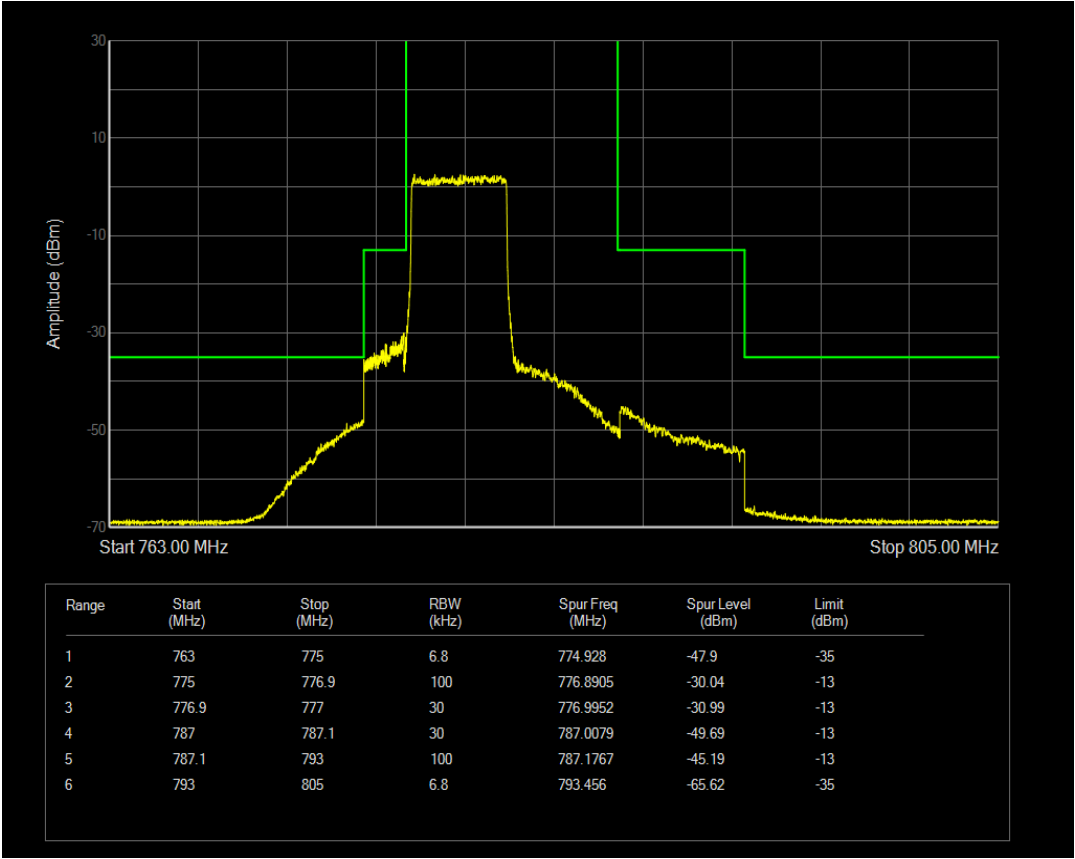
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



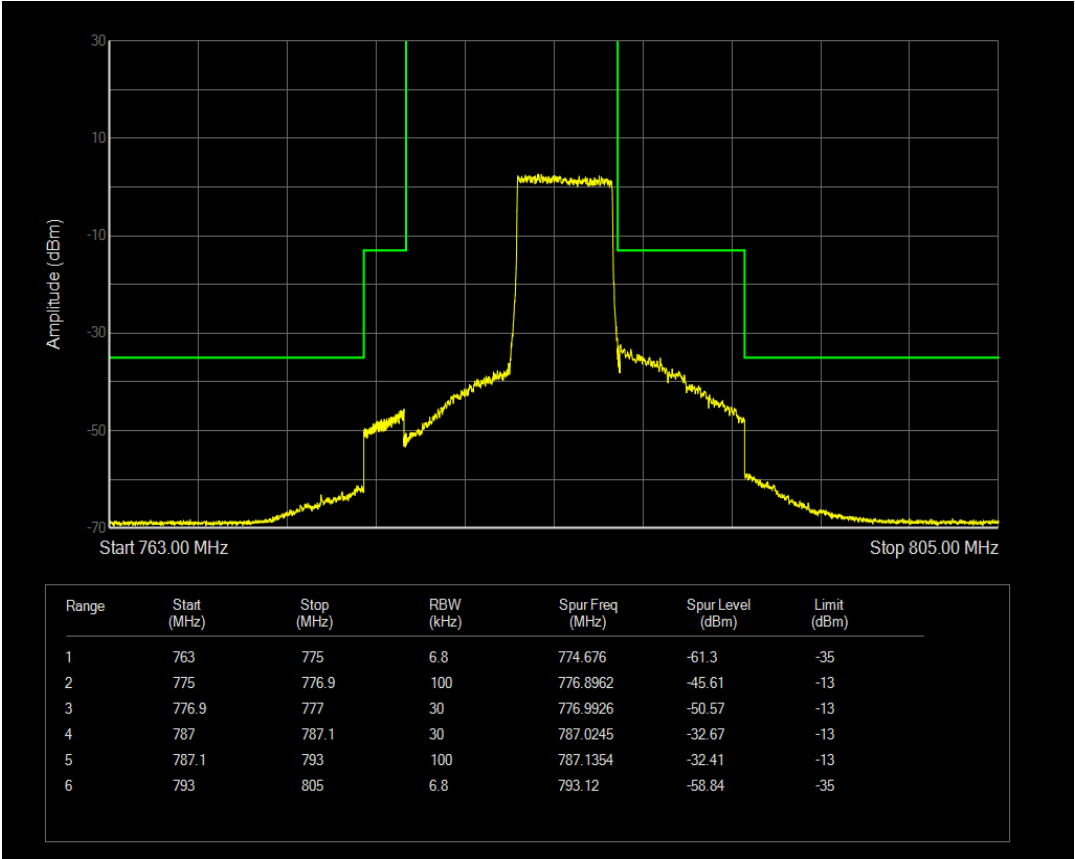
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



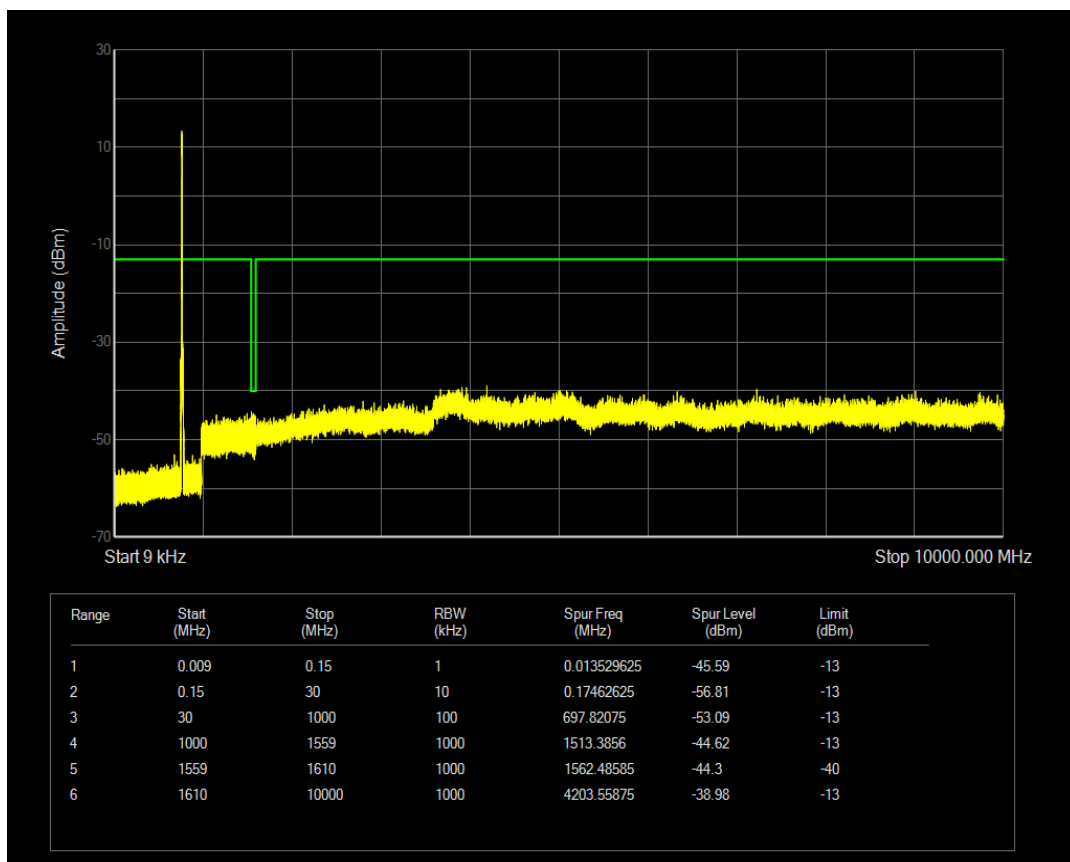
Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0



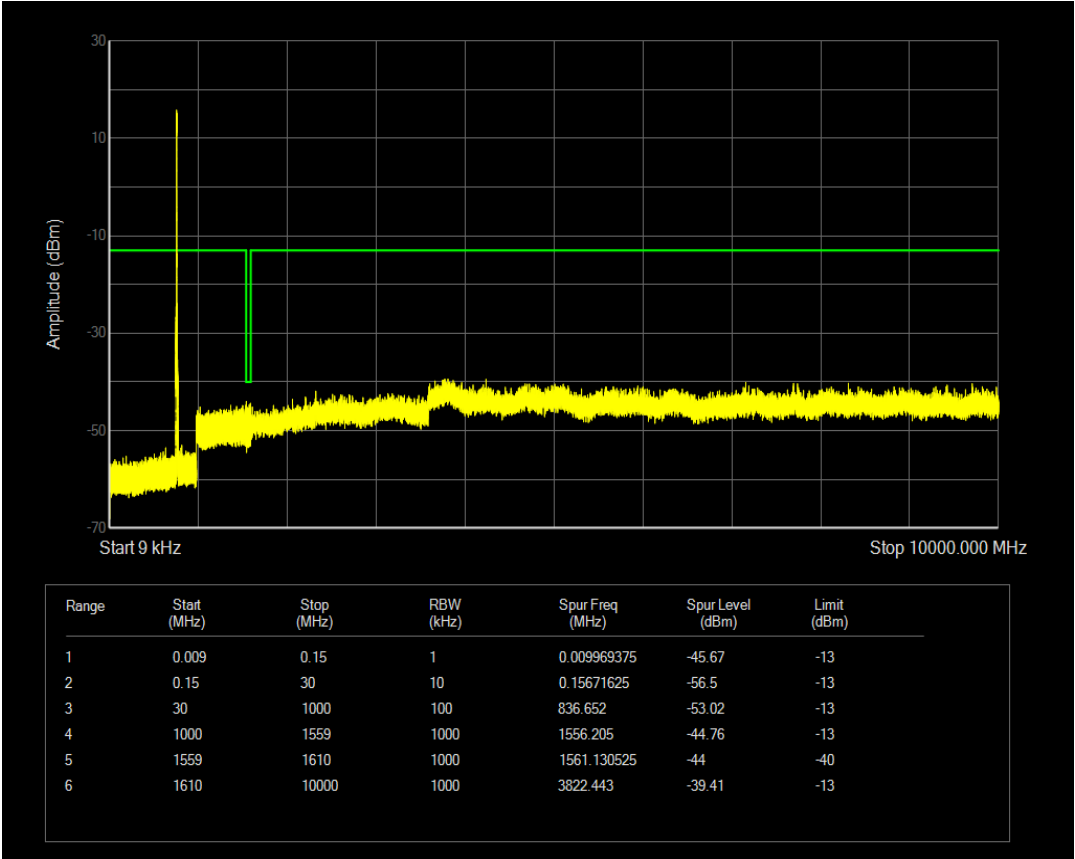
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	1560.05	-44.56	-40	PASS
Band13	5	23205	25	#0	QAM16	1561.13	-44.00	-40	PASS
Band13	5	23255	25	#0	QPSK	1567.22	-44.20	-40	PASS
Band13	5	23255	25	#0	QAM16	1571.91	-43.83	-40	PASS
Band13	10	23230	50	#0	QPSK	1569.53	-44.70	-40	PASS
Band13	10	23230	50	#0	QAM16	1562.49	-44.30	-40	PASS

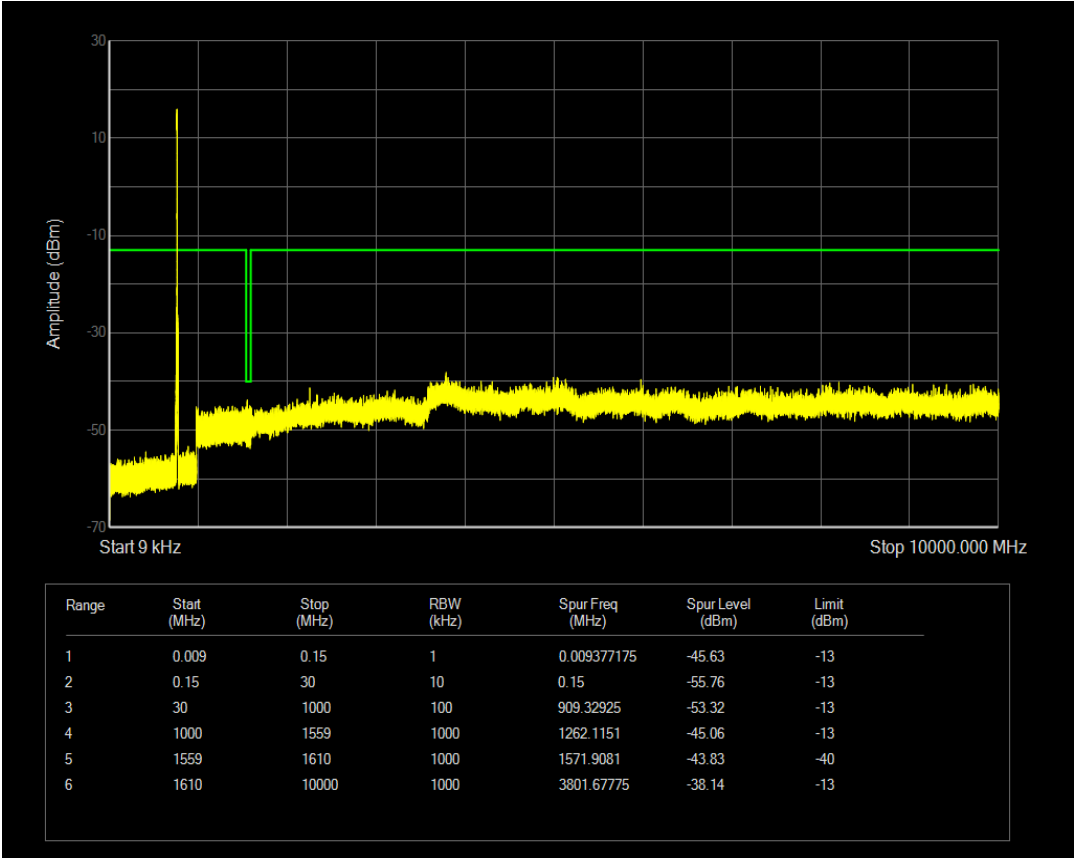
Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0



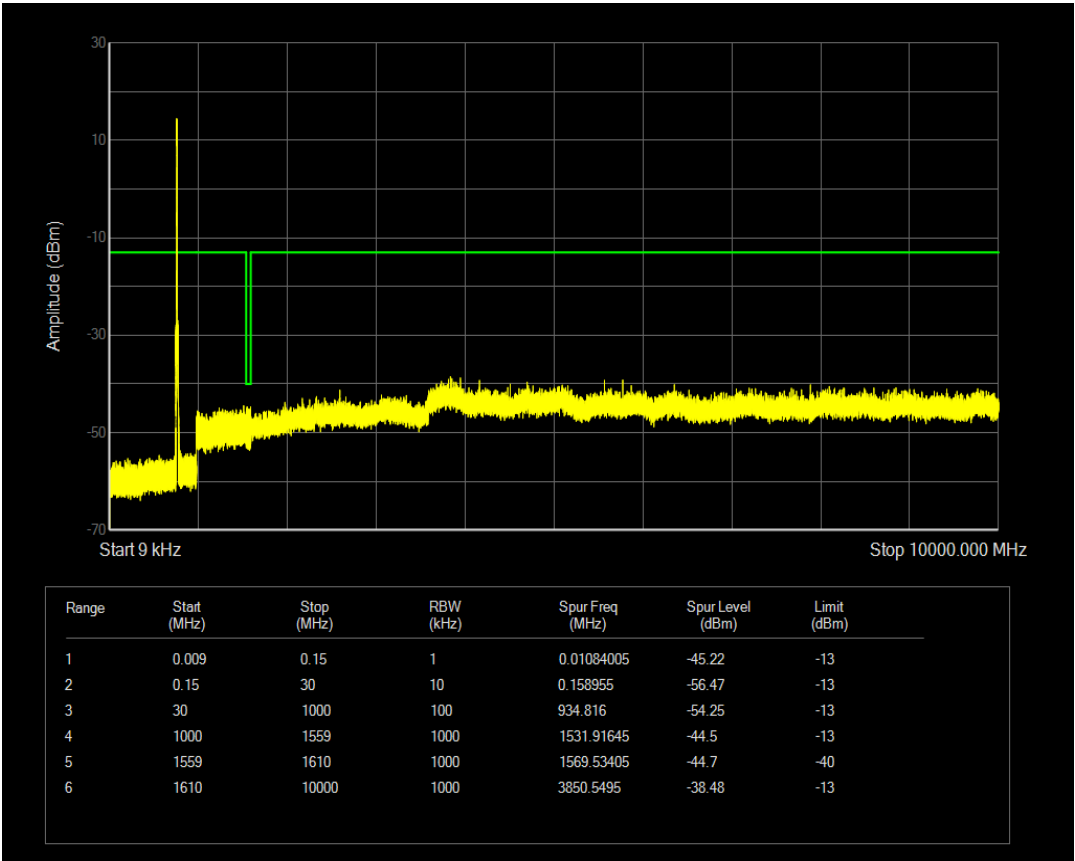
Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



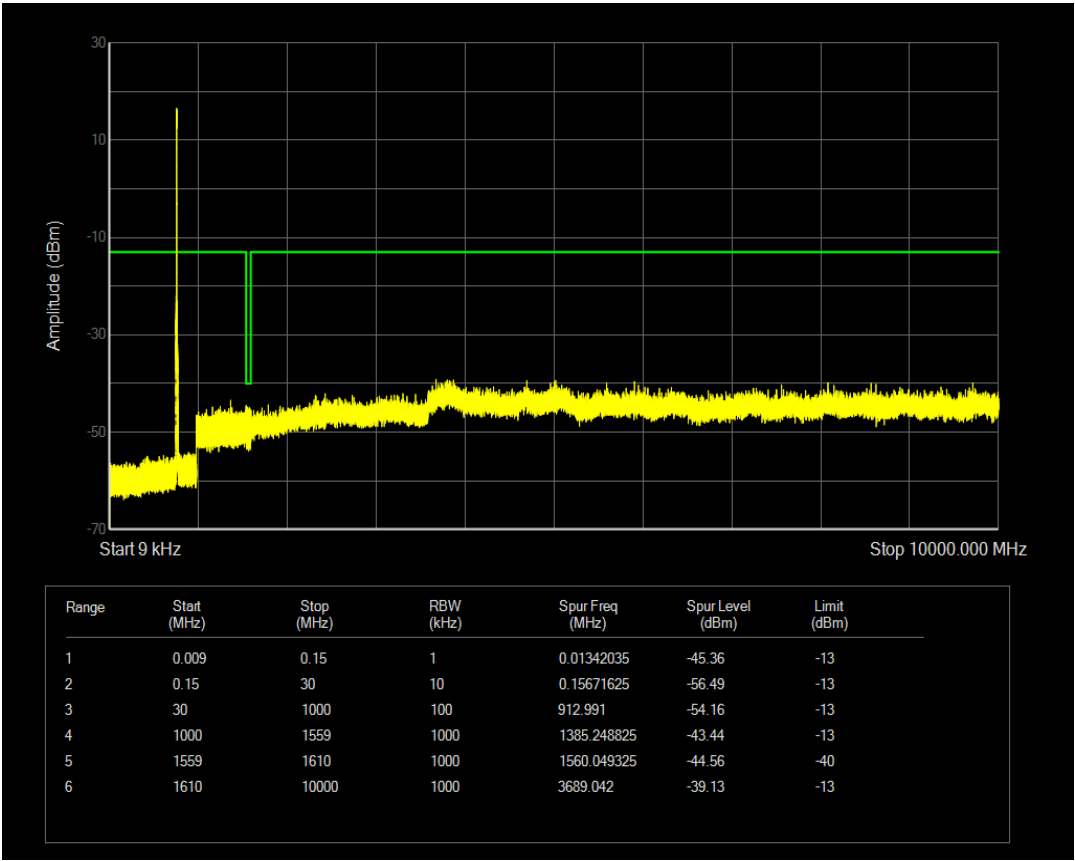
Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0



Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0

