

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band40a	5	38725	1	#0	QPSK	20.29	37	PASS
Band40a	5	38725	1	#Mid	QPSK	20.39	37	PASS
Band40a	5	38725	1	#Max	QPSK	20.31	37	PASS
Band40a	5	38725	12	#0	QPSK	19.42	37	PASS
Band40a	5	38725	12	#Max	QPSK	19.25	37	PASS
Band40a	5	38725	25	#0	QPSK	19.36	37	PASS
Band40a	5	38725	1	#0	QAM16	19.65	37	PASS
Band40a	5	38725	1	#Mid	QAM16	19.78	37	PASS
Band40a	5	38725	1	#Max	QAM16	19.68	37	PASS
Band40a	5	38725	12	#0	QAM16	18.38	37	PASS
Band40a	5	38725	12	#Max	QAM16	18.23	37	PASS
Band40a	5	38725	25	#0	QAM16	18.40	37	PASS
Band40a	5	38750	1	#0	QPSK	20.28	37	PASS
Band40a	5	38750	1	#Mid	QPSK	20.43	37	PASS
Band40a	5	38750	1	#Max	QPSK	20.26	37	PASS
Band40a	5	38750	12	#0	QPSK	19.42	37	PASS
Band40a	5	38750	12	#Max	QPSK	19.30	37	PASS
Band40a	5	38750	25	#0	QPSK	19.41	37	PASS
Band40a	5	38750	1	#0	QAM16	19.50	37	PASS
Band40a	5	38750	1	#Mid	QAM16	19.64	37	PASS
Band40a	5	38750	1	#Max	QAM16	19.51	37	PASS
Band40a	5	38750	12	#0	QAM16	18.36	37	PASS
Band40a	5	38750	12	#Max	QAM16	18.24	37	PASS
Band40a	5	38750	25	#0	QAM16	18.36	37	PASS
Band40a	5	38775	1	#0	QPSK	20.26	37	PASS
Band40a	5	38775	1	#Mid	QPSK	20.39	37	PASS
Band40a	5	38775	1	#Max	QPSK	20.24	37	PASS
Band40a	5	38775	12	#0	QPSK	19.44	37	PASS
Band40a	5	38775	12	#Max	QPSK	19.30	37	PASS
Band40a	5	38775	25	#0	QPSK	19.40	37	PASS
Band40a	5	38775	1	#0	QAM16	19.59	37	PASS
Band40a	5	38775	1	#Mid	QAM16	19.73	37	PASS
Band40a	5	38775	1	#Max	QAM16	19.55	37	PASS
Band40a	5	38775	12	#0	QAM16	18.48	37	PASS
Band40a	5	38775	12	#Max	QAM16	18.34	37	PASS
Band40a	5	38775	25	#0	QAM16	18.45	37	PASS
Band40a	10	38750	1	#0	QPSK	20.32	37	PASS
Band40a	10	38750	1	#Mid	QPSK	20.50	37	PASS
Band40a	10	38750	1	#Max	QPSK	20.30	37	PASS
Band40a	10	38750	25	#0	QPSK	19.60	37	PASS

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Band40a	10	38750	25	#Max	QPSK	19.28	37	PASS
Band40a	10	38750	50	#0	QPSK	19.50	37	PASS
Band40a	10	38750	1	#0	QAM16	19.69	37	PASS
Band40a	10	38750	1	#Mid	QAM16	19.89	37	PASS
Band40a	10	38750	1	#Max	QAM16	19.70	37	PASS
Band40a	10	38750	25	#0	QAM16	18.69	37	PASS
Band40a	10	38750	25	#Max	QAM16	18.38	37	PASS
Band40a	10	38750	50	#0	QAM16	18.53	37	PASS
Band40b	5	39175	1	#0	QPSK	20.50	37	PASS
Band40b	5	39175	1	#Mid	QPSK	20.64	37	PASS
Band40b	5	39175	1	#Max	QPSK	20.52	37	PASS
Band40b	5	39175	12	#0	QPSK	19.49	37	PASS
Band40b	5	39175	12	#Max	QPSK	19.63	37	PASS
Band40b	5	39175	25	#0	QPSK	19.57	37	PASS
Band40b	5	39175	1	#0	QAM16	19.65	37	PASS
Band40b	5	39175	1	#Mid	QAM16	19.79	37	PASS
Band40b	5	39175	1	#Max	QAM16	19.67	37	PASS
Band40b	5	39175	12	#0	QAM16	18.44	37	PASS
Band40b	5	39175	12	#Max	QAM16	18.56	37	PASS
Band40b	5	39175	25	#0	QAM16	18.54	37	PASS
Band40b	5	39200	1	#0	QPSK	20.44	37	PASS
Band40b	5	39200	1	#Mid	QPSK	20.57	37	PASS
Band40b	5	39200	1	#Max	QPSK	20.44	37	PASS
Band40b	5	39200	12	#0	QPSK	19.50	37	PASS
Band40b	5	39200	12	#Max	QPSK	19.56	37	PASS
Band40b	5	39200	25	#0	QPSK	19.55	37	PASS
Band40b	5	39200	1	#0	QAM16	19.74	37	PASS
Band40b	5	39200	1	#Mid	QAM16	19.87	37	PASS
Band40b	5	39200	1	#Max	QAM16	19.73	37	PASS
Band40b	5	39200	12	#0	QAM16	18.51	37	PASS
Band40b	5	39200	12	#Max	QAM16	18.60	37	PASS
Band40b	5	39200	25	#0	QAM16	18.55	37	PASS
Band40b	5	39225	1	#0	QPSK	20.52	37	PASS
Band40b	5	39225	1	#Mid	QPSK	20.63	37	PASS
Band40b	5	39225	1	#Max	QPSK	20.49	37	PASS
Band40b	5	39225	12	#0	QPSK	19.55	37	PASS
Band40b	5	39225	12	#Max	QPSK	19.56	37	PASS
Band40b	5	39225	25	#0	QPSK	19.60	37	PASS
Band40b	5	39225	1	#0	QAM16	19.83	37	PASS
Band40b	5	39225	1	#Mid	QAM16	19.94	37	PASS
Band40b	5	39225	1	#Max	QAM16	19.82	37	PASS
Band40b	5	39225	12	#0	QAM16	18.52	37	PASS
Band40b	5	39225	12	#Max	QAM16	18.50	37	PASS
Band40b	5	39225	25	#0	QAM16	18.58	37	PASS

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Band40b	10	39200	1	#0	QPSK	20.54	37	PASS
Band40b	10	39200	1	#Mid	QPSK	20.76	37	PASS
Band40b	10	39200	1	#Max	QPSK	20.54	37	PASS
Band40b	10	39200	25	#0	QPSK	19.51	37	PASS
Band40b	10	39200	25	#Max	QPSK	19.63	37	PASS
Band40b	10	39200	50	#0	QPSK	19.58	37	PASS
Band40b	10	39200	1	#0	QAM16	19.87	37	PASS
Band40b	10	39200	1	#Mid	QAM16	20.06	37	PASS
Band40b	10	39200	1	#Max	QAM16	19.87	37	PASS
Band40b	10	39200	25	#0	QAM16	18.59	37	PASS
Band40b	10	39200	25	#Max	QAM16	18.70	37	PASS
Band40b	10	39200	50	#0	QAM16	18.57	37	PASS

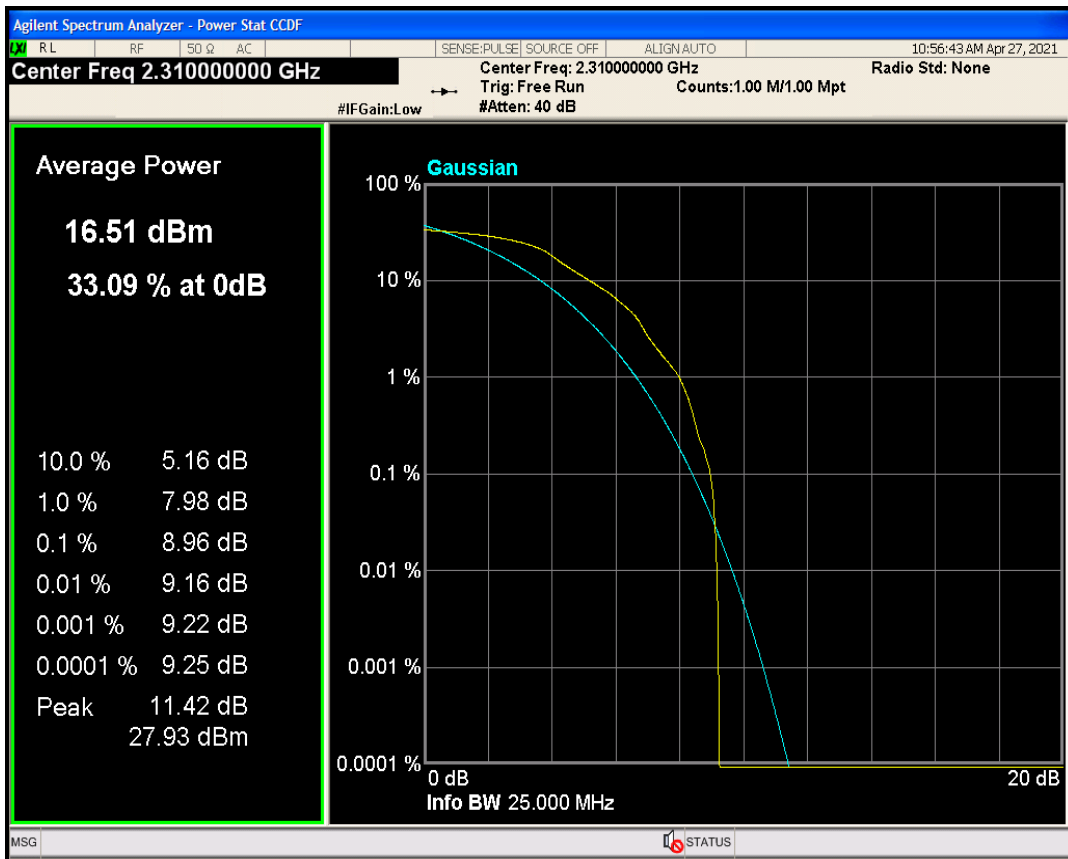
2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band40a	10	38750	50	#0	QPSK	-2.74	-0.001	-2.5	2.5	PASS
Band40a	10	38750	50	#0	QAM16	-2.84	-0.001	-2.5	2.5	PASS
Band40b	10	39200	50	#0	QPSK	-6.52	-0.003	-2.5	2.5	PASS
Band40b	10	39200	50	#0	QAM16	-9.68	-0.004	-2.5	2.5	PASS

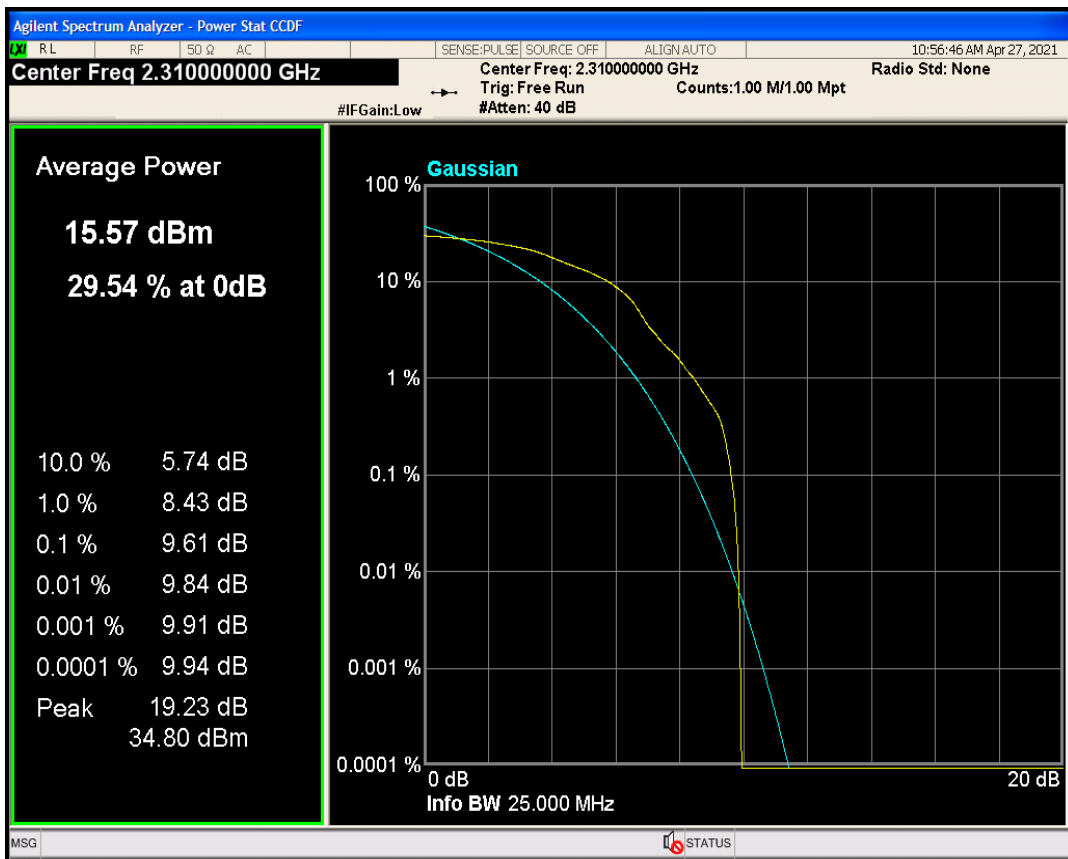
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band40a	5	38750	1	#0	QPSK	8.96	13	PASS
Band40a	5	38750	1	#0	QAM16	9.61	13	PASS
Band40a	10	38750	1	#0	QPSK	8.49	13	PASS
Band40a	10	38750	1	#0	QAM16	8.63	13	PASS
Band40b	5	39200	1	#0	QPSK	8.56	13	PASS
Band40b	5	39200	1	#0	QAM16	9.89	13	PASS
Band40b	10	39200	1	#0	QPSK	9.76	13	PASS
Band40b	10	39200	1	#0	QAM16	9.59	13	PASS

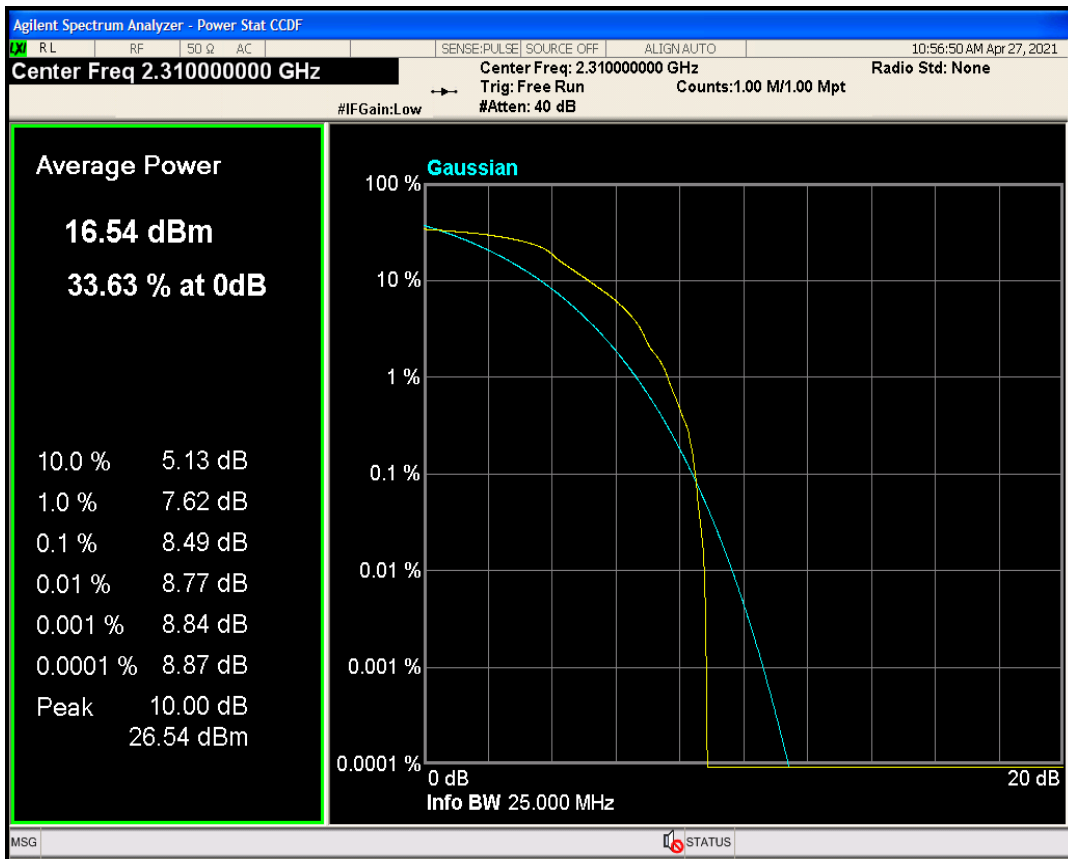
Band40a QPSK BW=5MHz Channel=38750 RB Size=1 Position=#0



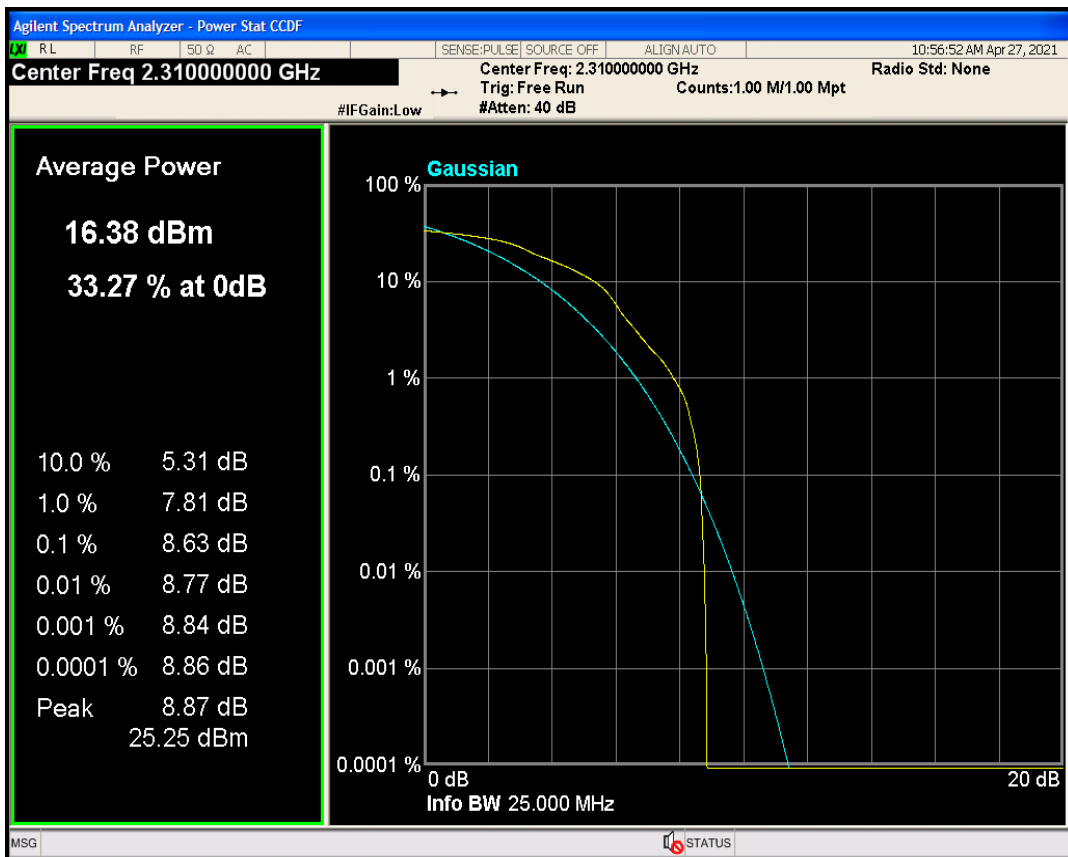
Band40a QAM16 BW=5MHz Channel=38750 RB Size=1 Position=#0



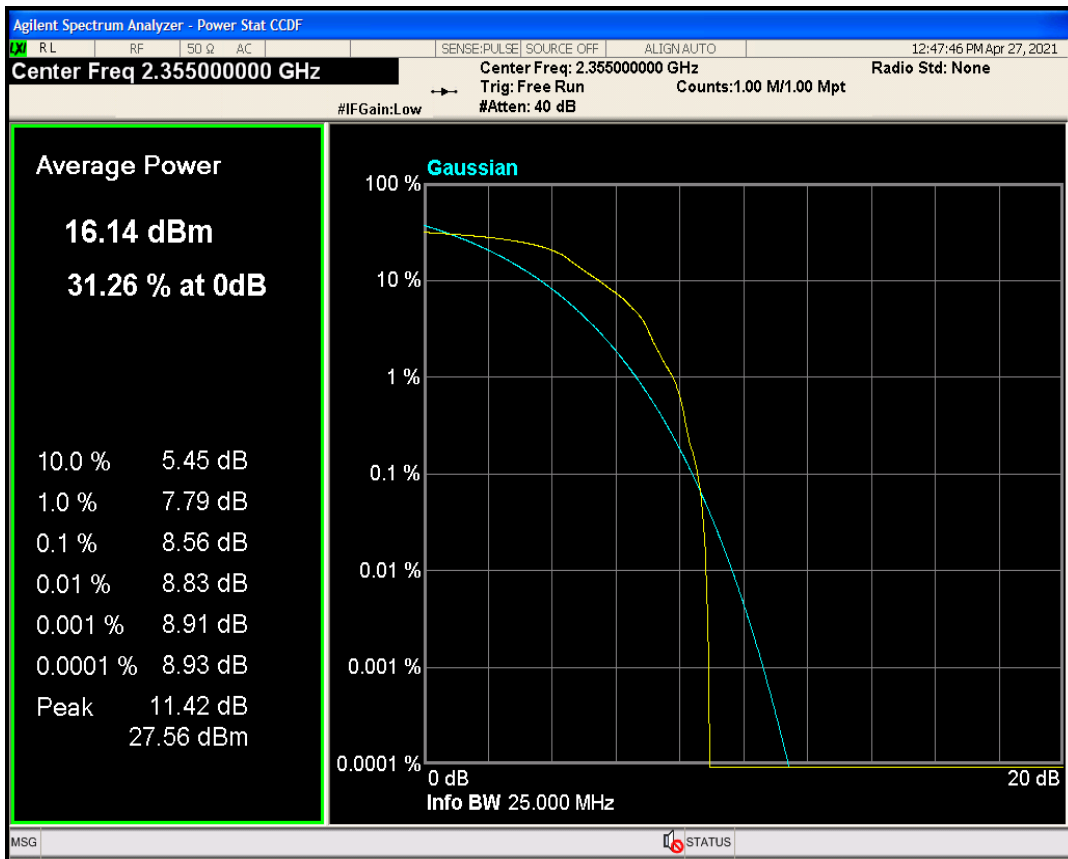
Band40a QPSK BW=10MHz Channel=38750 RB Size=1 Position=#0



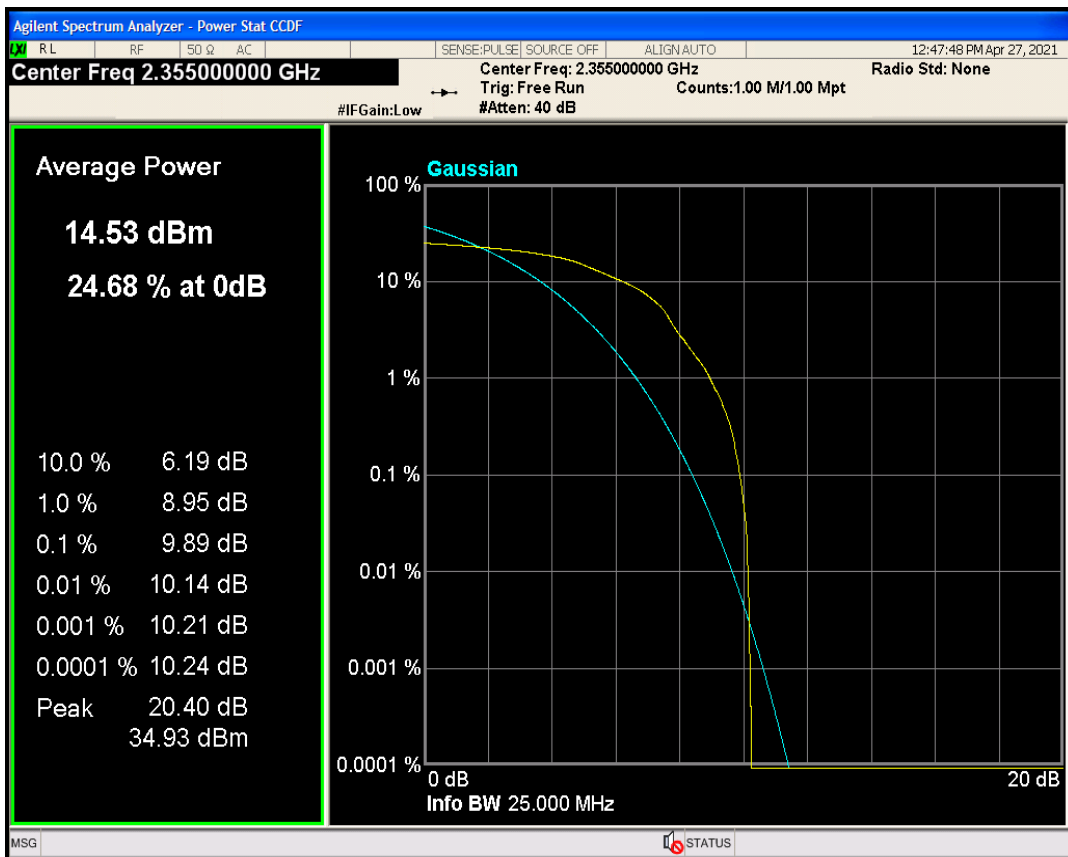
Band40a QAM16 BW=10MHz Channel=38750 RB Size=1 Position=#0



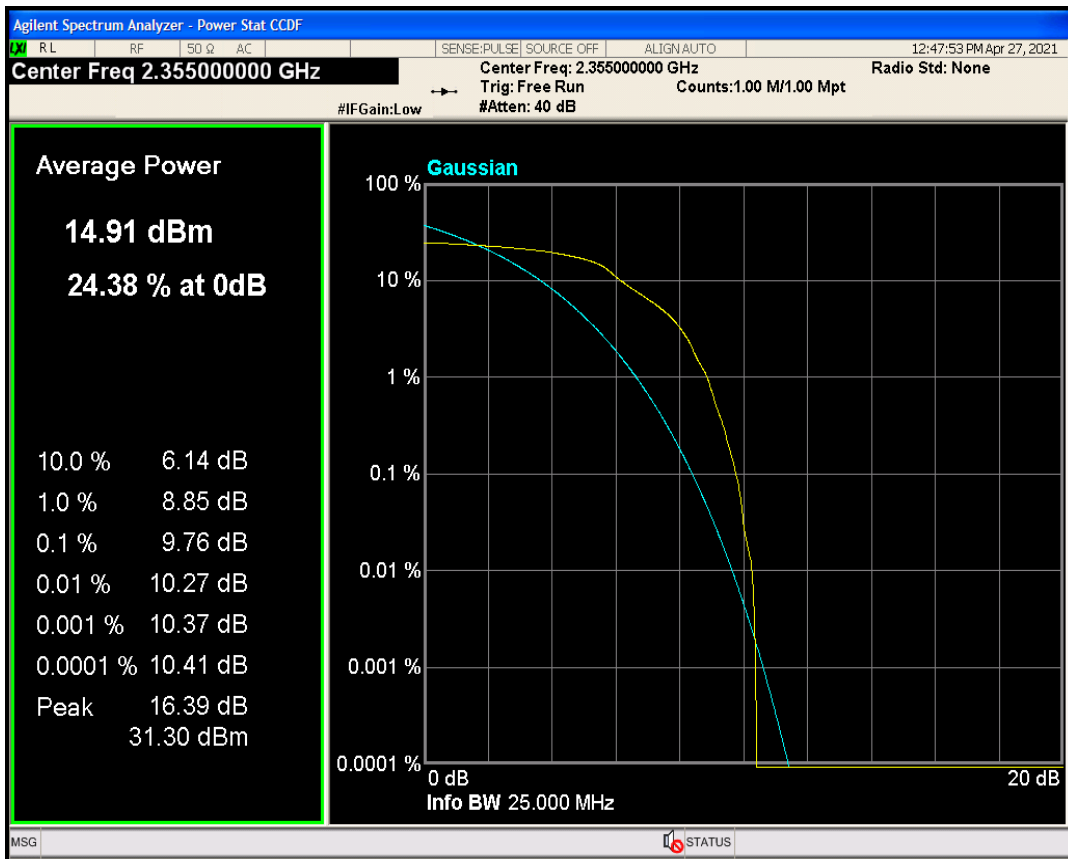
Band40b QPSK BW=5MHz Channel=39200 RB Size=1 Position=#0



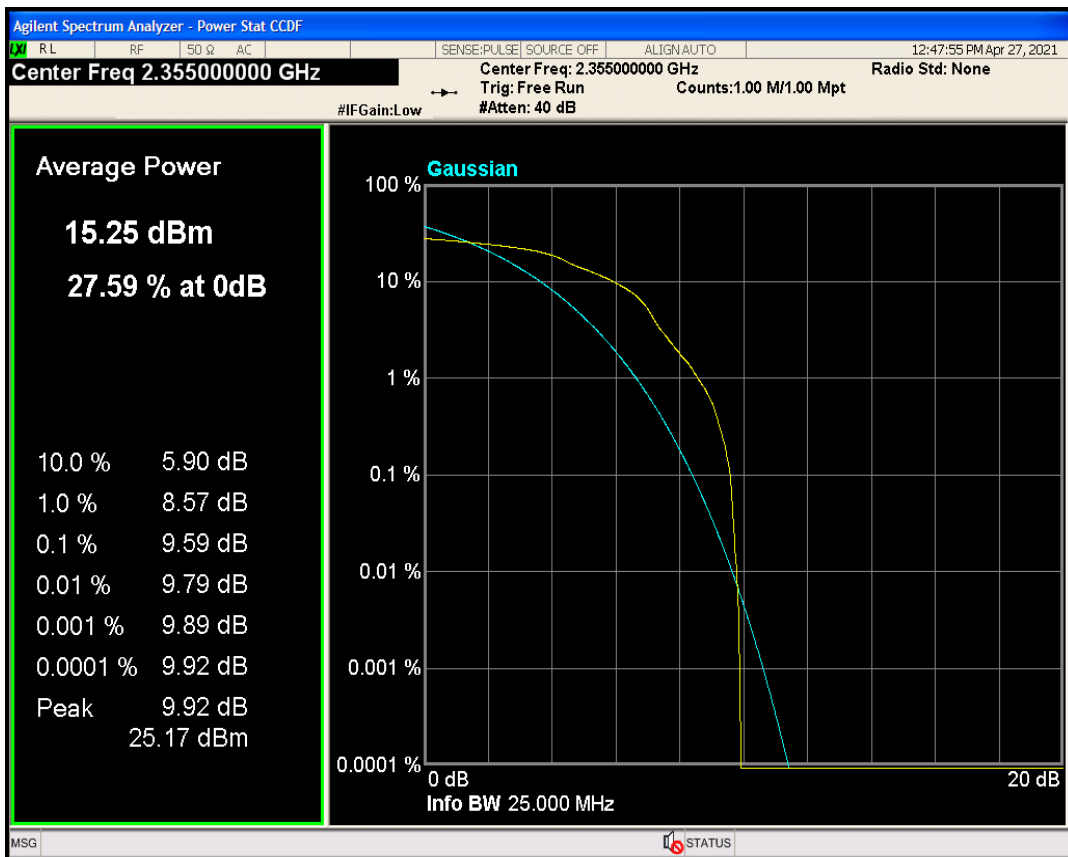
Band40b QAM16 BW=5MHz Channel=39200 RB Size=1 Position=#0



Band40b QPSK BW=10MHz Channel=39200 RB Size=1 Position=#0



Band40b QAM16 BW=10MHz Channel=39200 RB Size=1 Position=#0

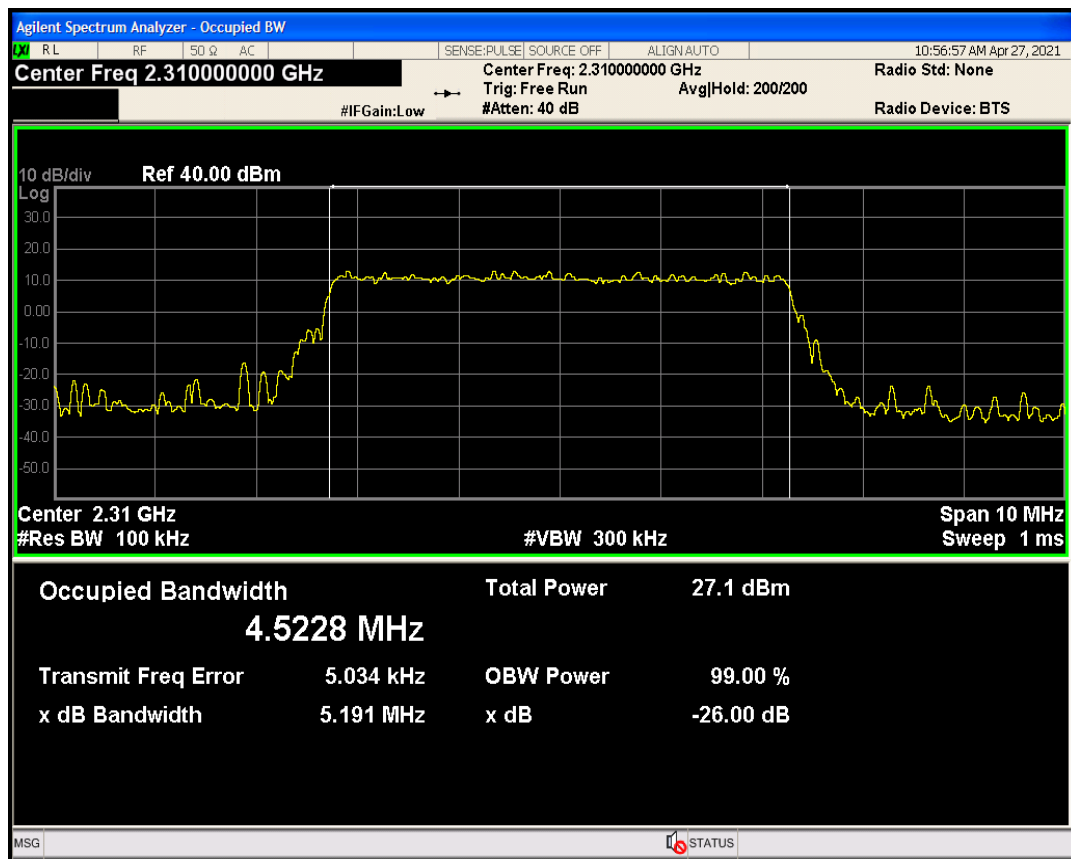


4 Occupied bandwidth

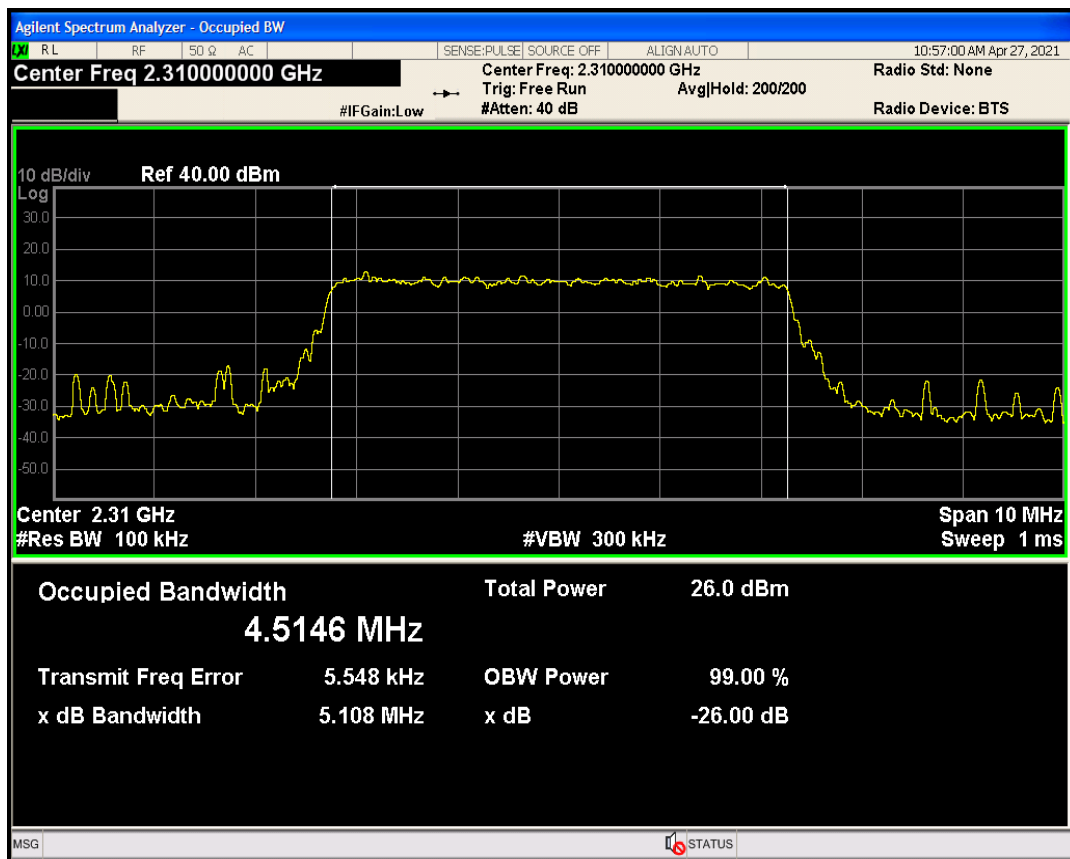
Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band40a	5	38750	25	#0	QPSK	4.523	5.191	PASS
Band40a	5	38750	25	#0	QAM16	4.515	5.108	PASS
Band40a	10	38750	50	#0	QPSK	9.028	9.915	PASS
Band40a	10	38750	50	#0	QAM16	9.006	9.873	PASS
Band40b	5	39200	25	#0	QPSK	4.531	5.062	PASS
Band40b	5	39200	25	#0	QAM16	4.514	5.206	PASS
Band40b	10	39200	50	#0	QPSK	8.989	9.748	PASS
Band40b	10	39200	50	#0	QAM16	8.989	9.924	PASS

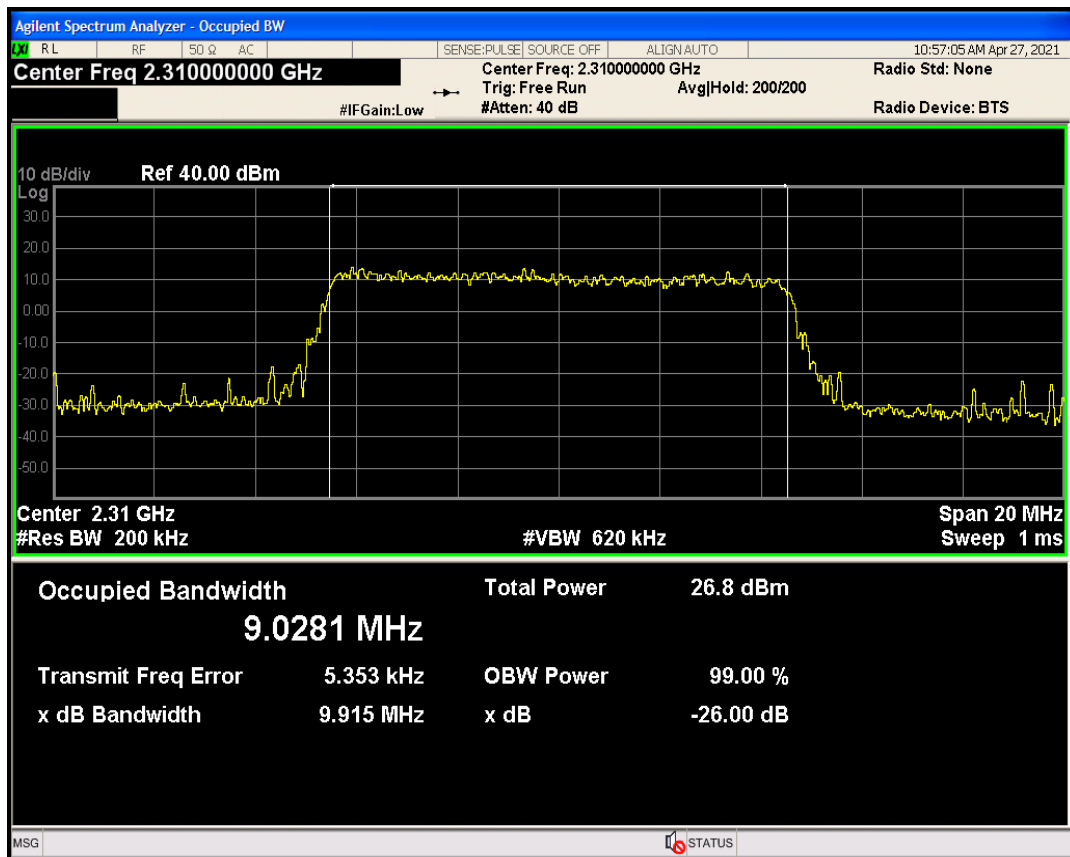
Band40a QPSK BW=5MHz Channel=38750 RB Size=25 Position=#0



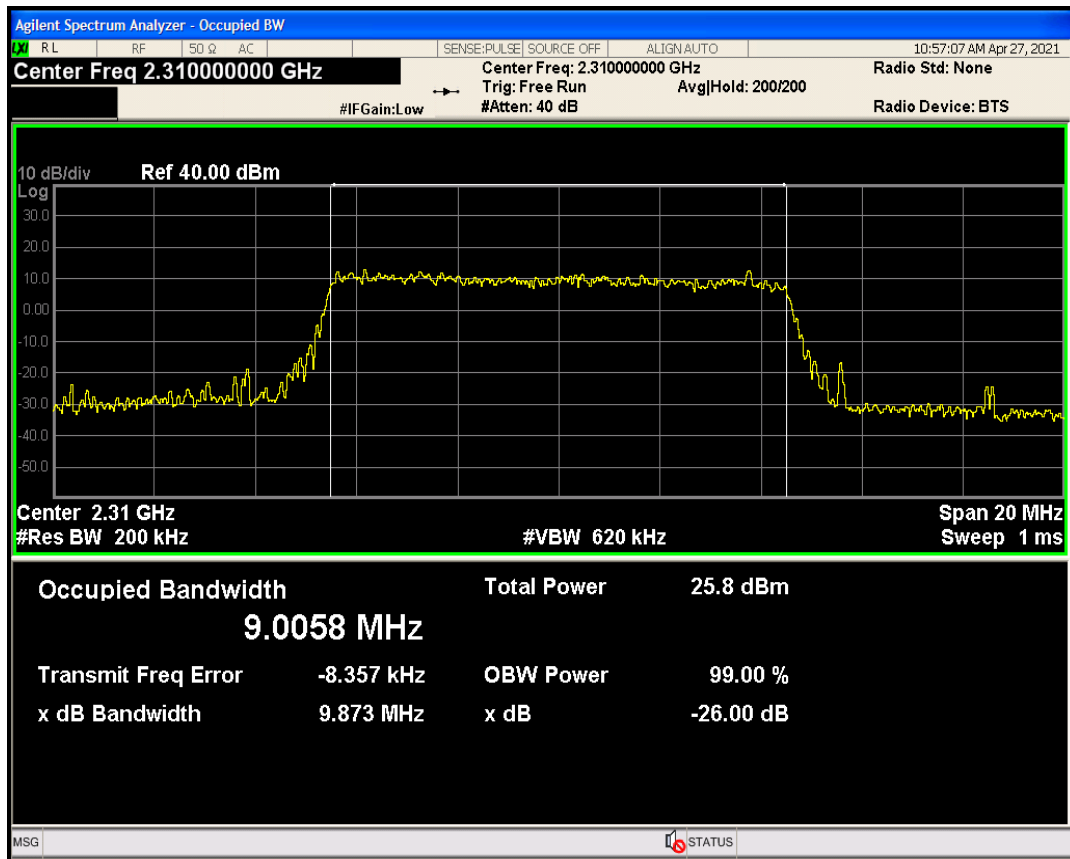
Band40a QAM16 BW=5MHz Channel=38750 RB Size=25 Position=#0



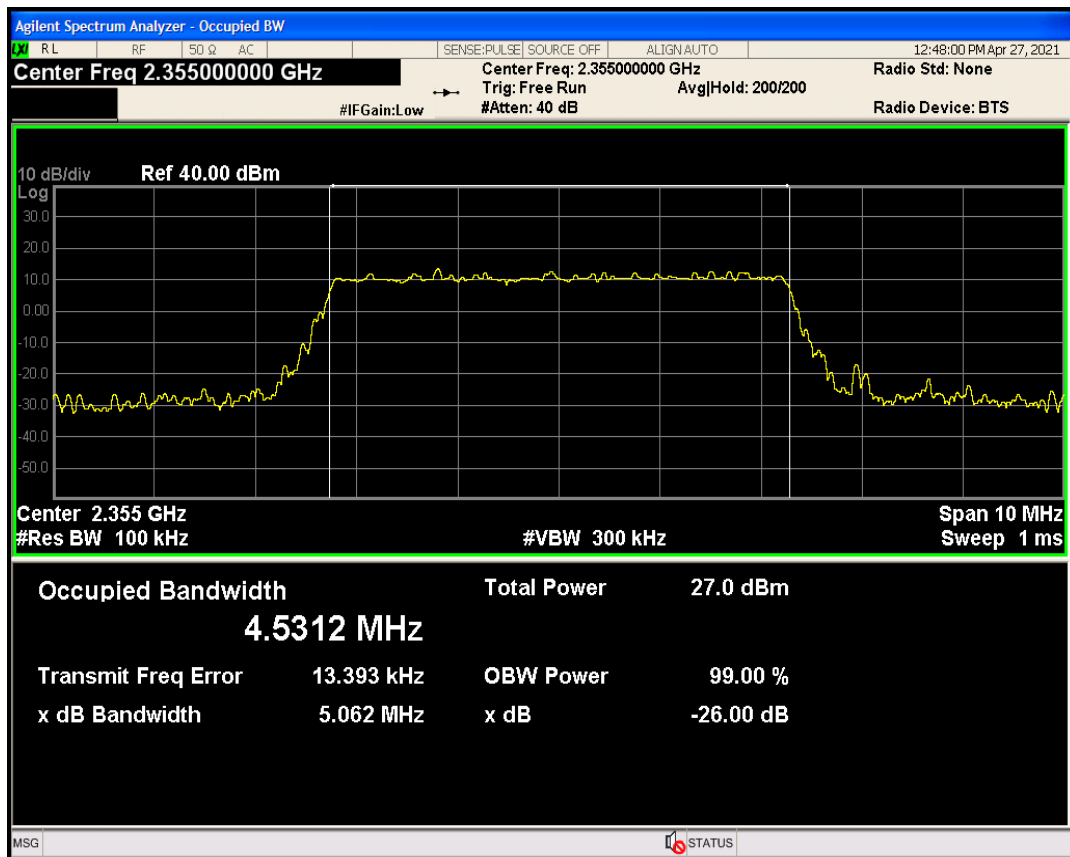
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



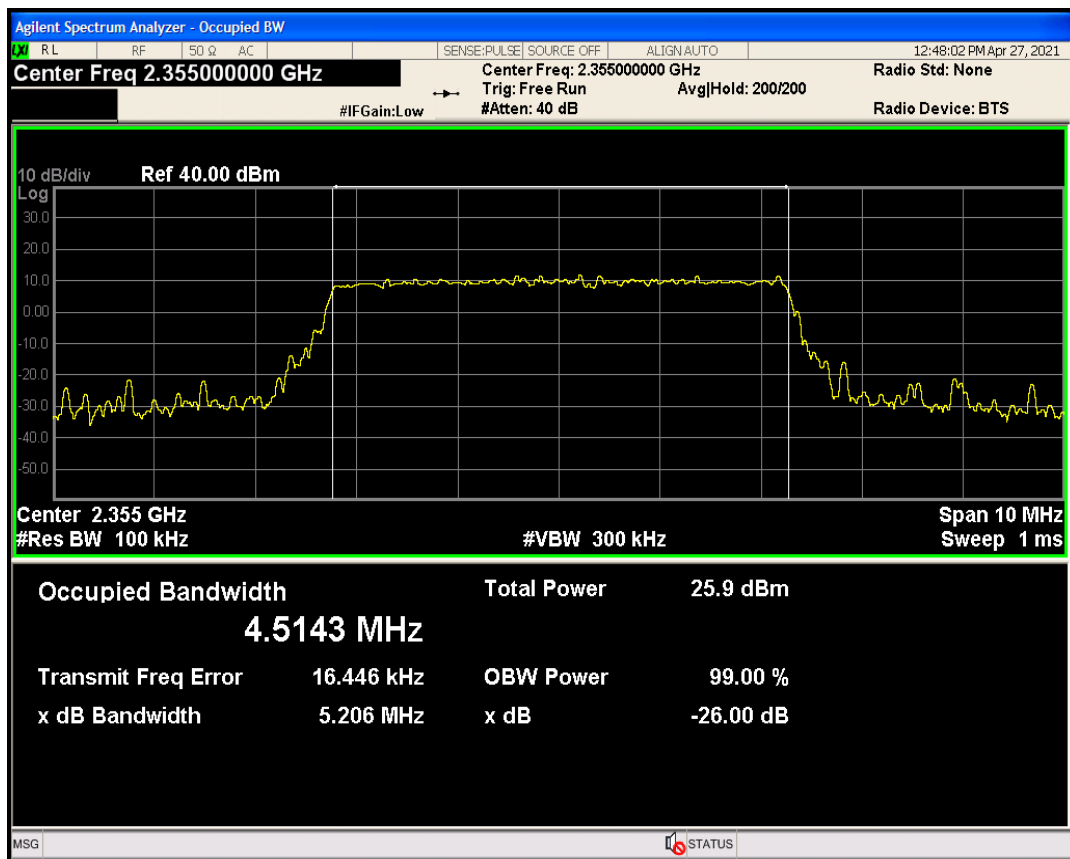
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



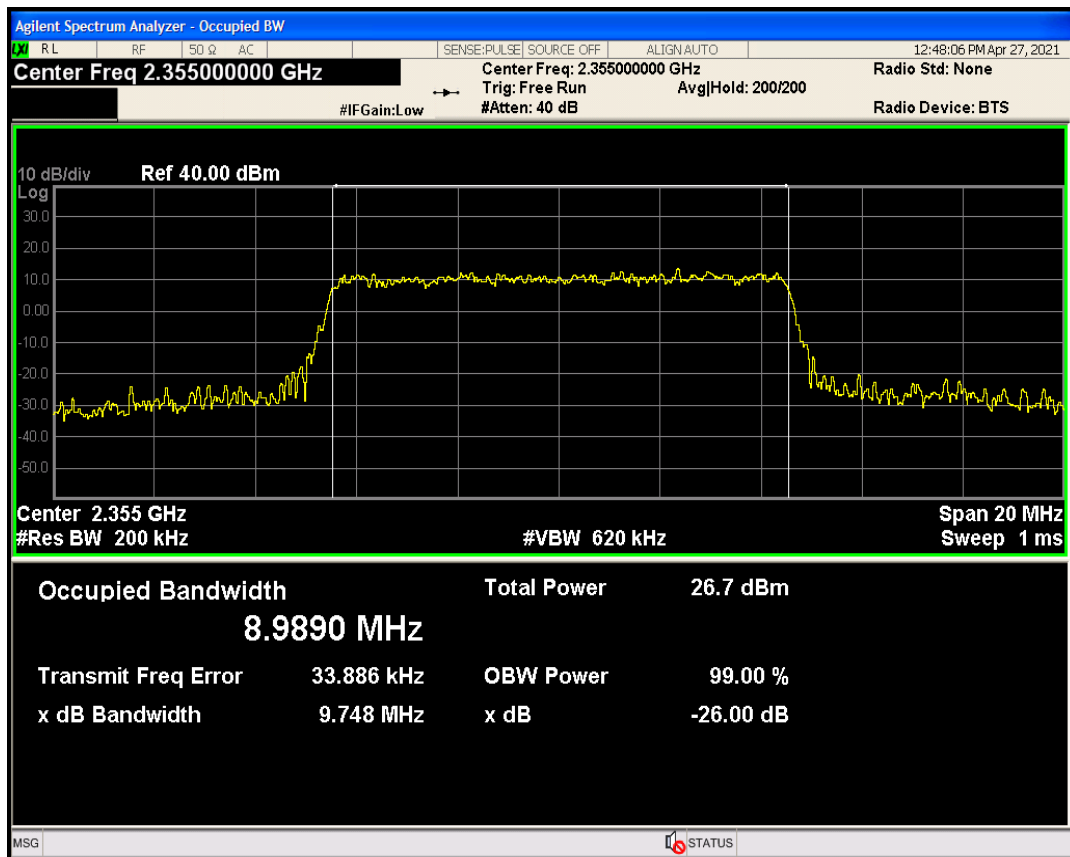
Band40b QPSK BW=5MHz Channel=39200 RB Size=25 Position=#0



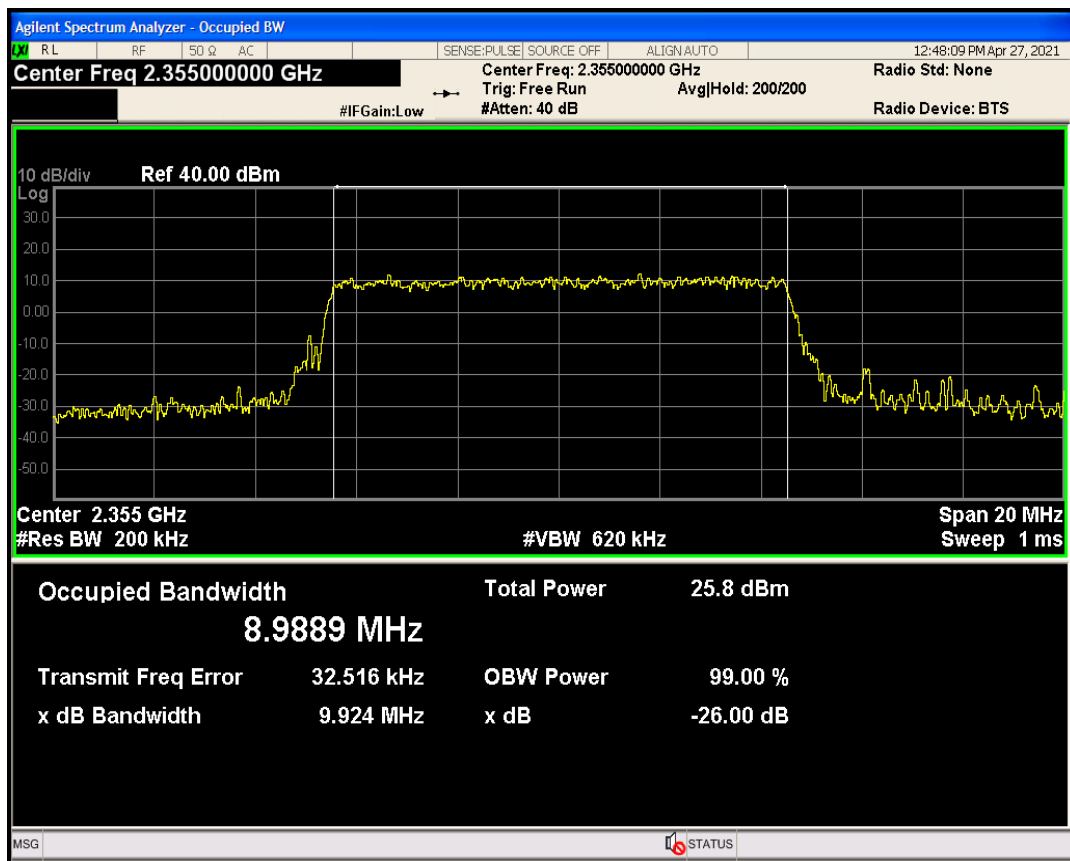
Band40b QAM16 BW=5MHz Channel=39200 RB Size=25 Position=#0



Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



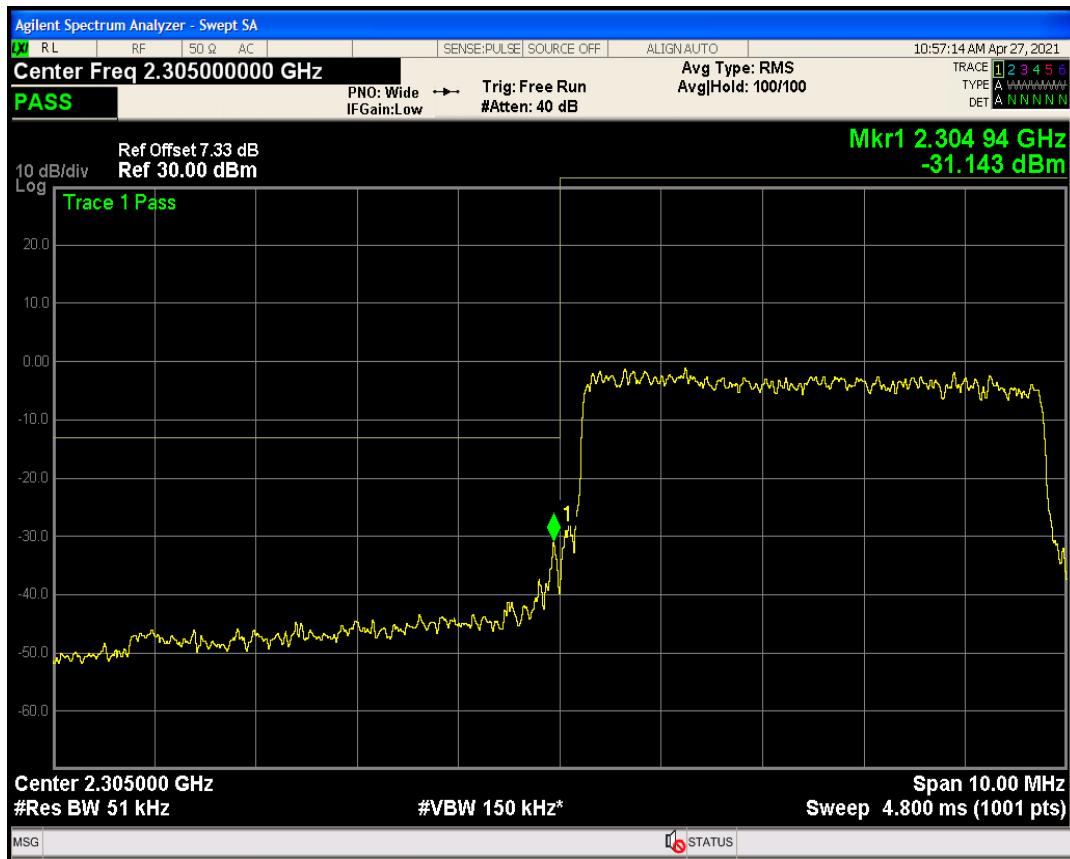
Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0



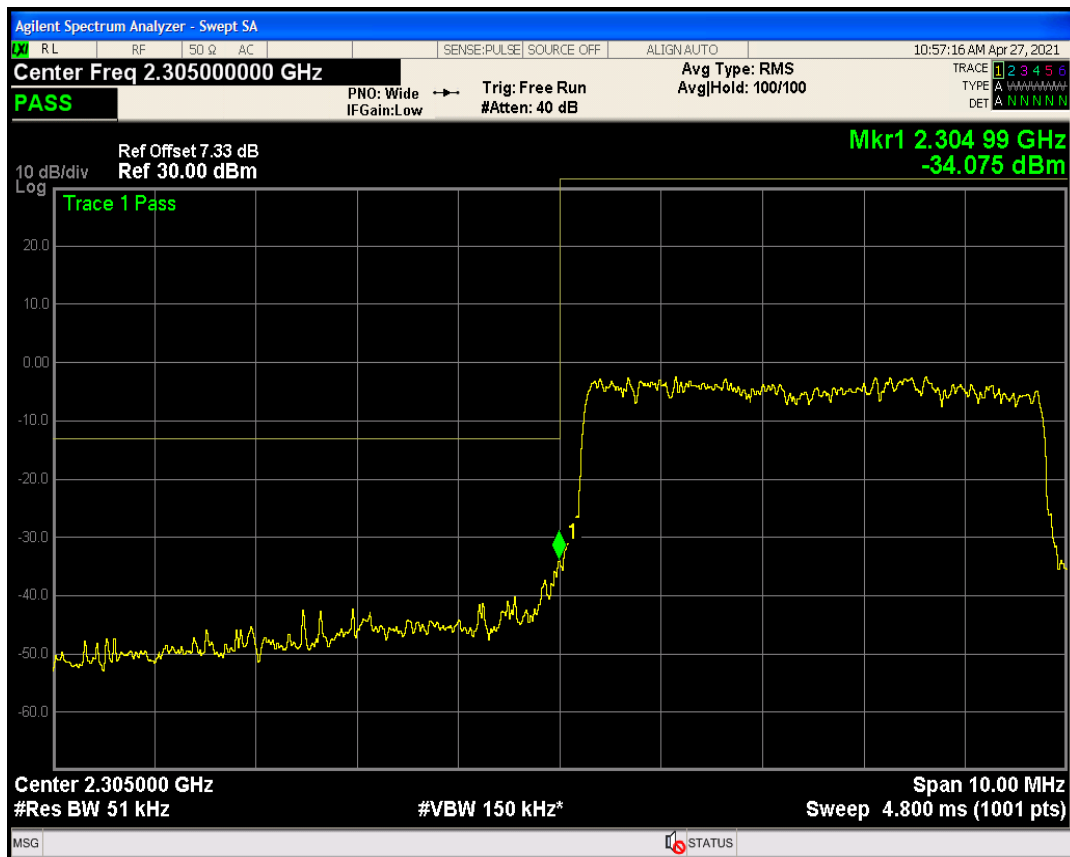
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band40a	5	38725	25	#0	QPSK	2304.94	-31.14	-13	PASS
Band40a	5	38725	25	#0	QAM16	2304.99	-34.07	-13	PASS
Band40a	5	38775	25	#0	QPSK	2315.00	-33.68	-13	PASS
Band40a	5	38775	25	#0	QAM16	2315.09	-34.85	-13	PASS
Band40a	10	38750	50	#0	QPSK	2305.00	-33.98	-13	PASS
Band40a	10	38750	50	#0	QAM16	2304.96	-36.79	-13	PASS
Band40b	5	39175	25	#0	QPSK	2349.92	-32.71	-13	PASS
Band40b	5	39175	25	#0	QAM16	2349.98	-36.29	-13	PASS
Band40b	5	39225	25	#0	QPSK	2360.00	-32.82	-13	PASS
Band40b	5	39225	25	#0	QAM16	2360.06	-35.66	-13	PASS
Band40b	10	39200	50	#0	QPSK	2349.96	-35.14	-13	PASS
Band40b	10	39200	50	#0	QAM16	2350.00	-38.77	-13	PASS

Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



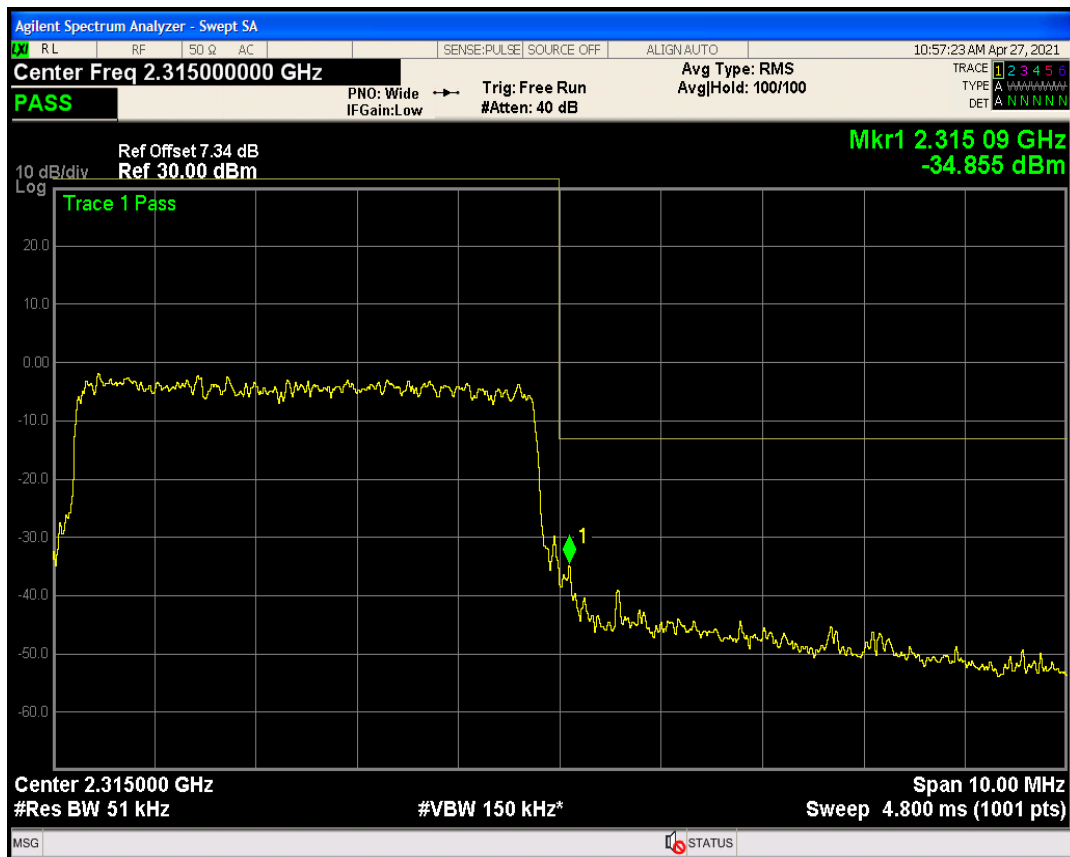
Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0



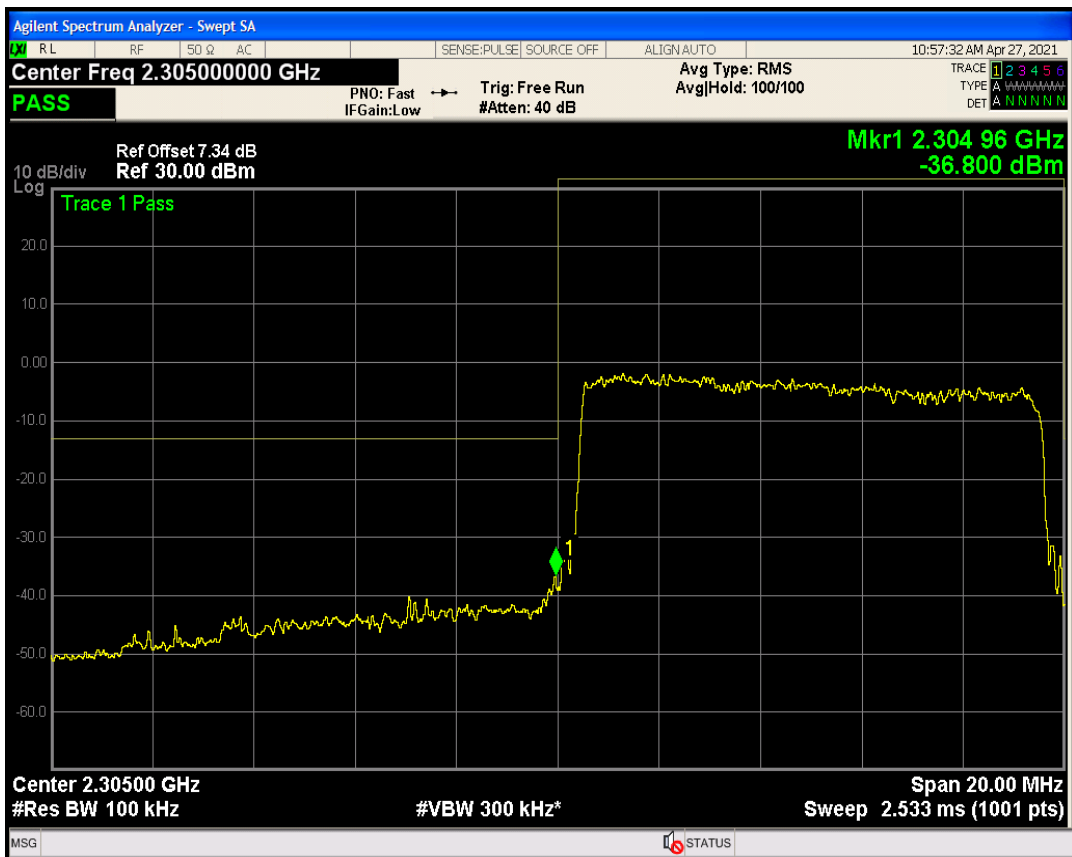
Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



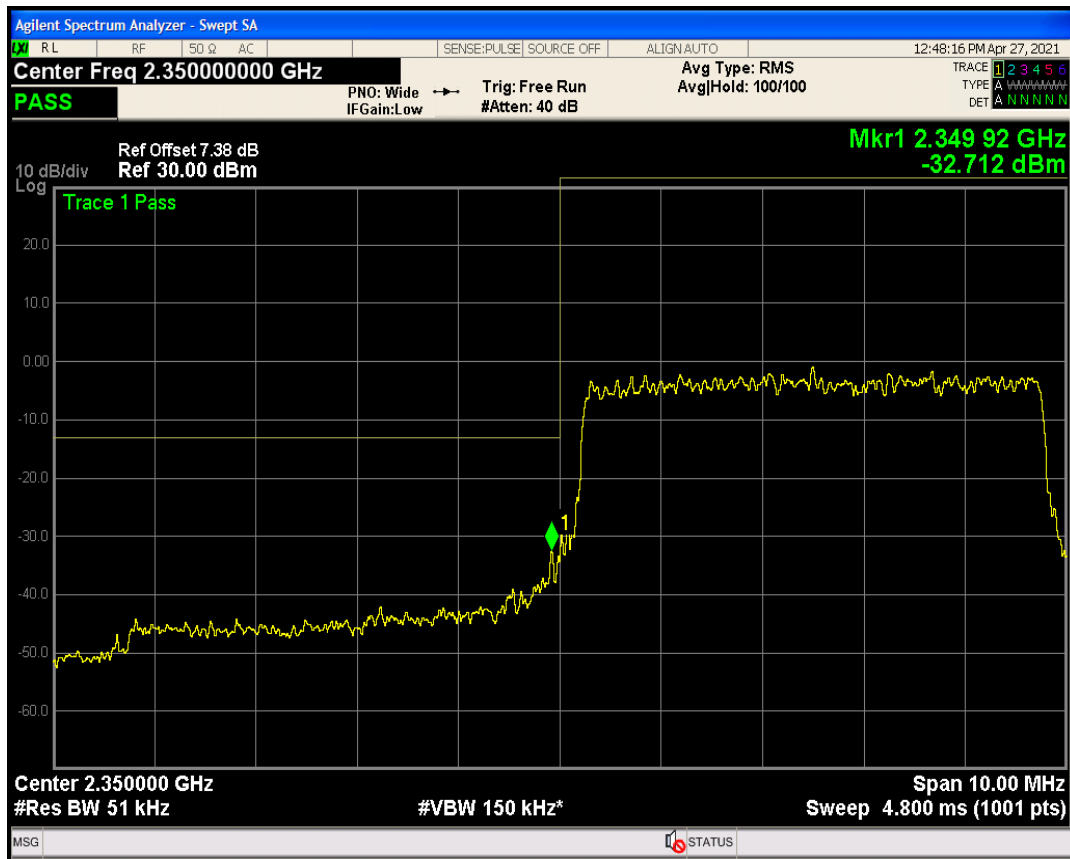
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



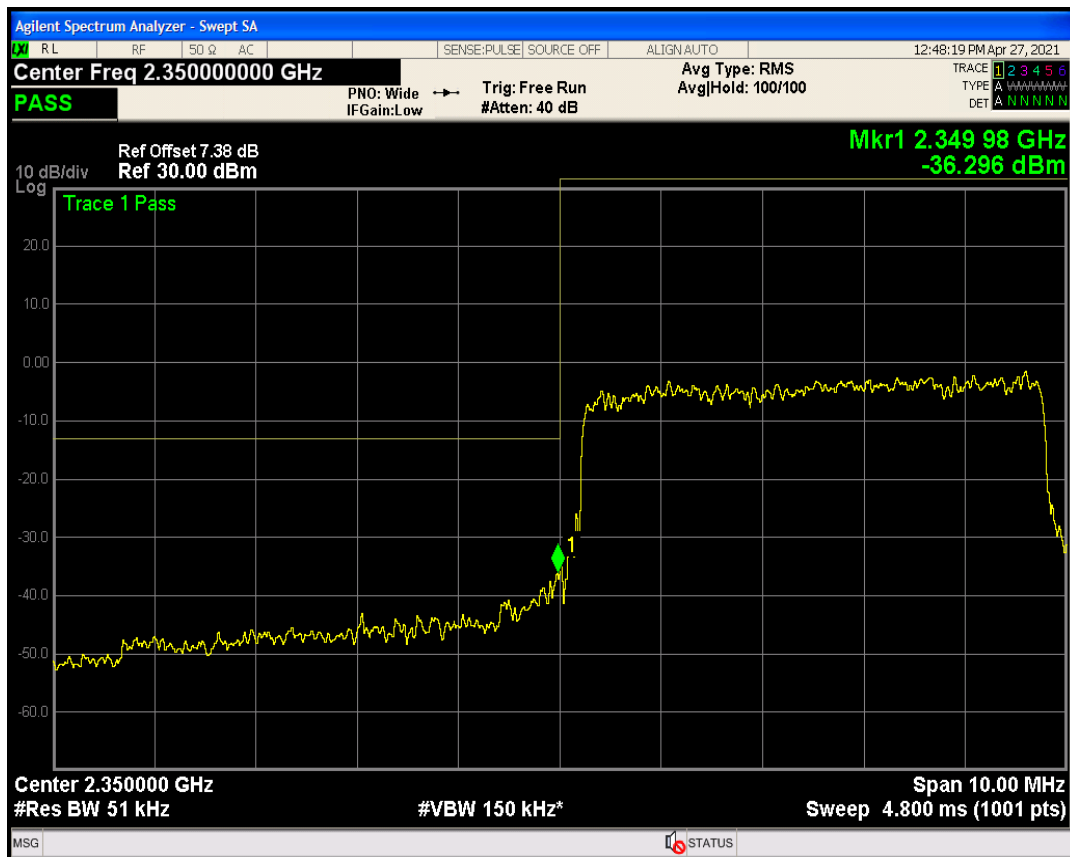
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



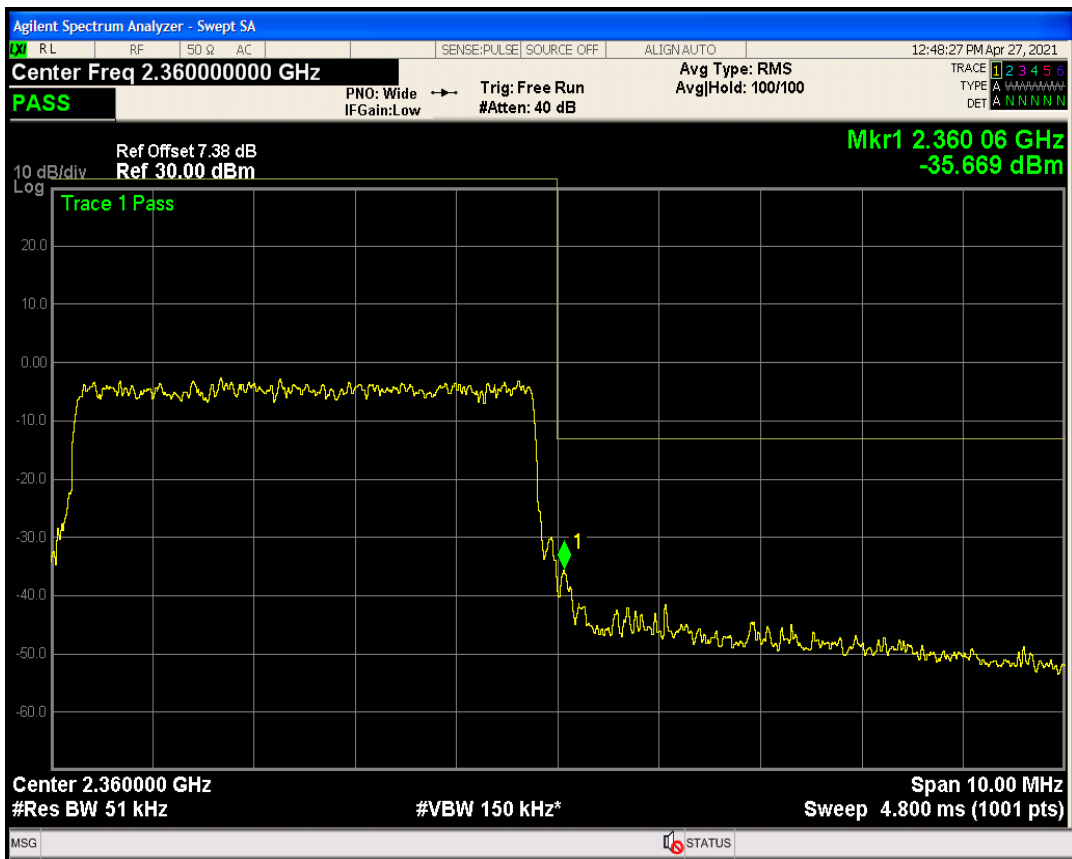
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



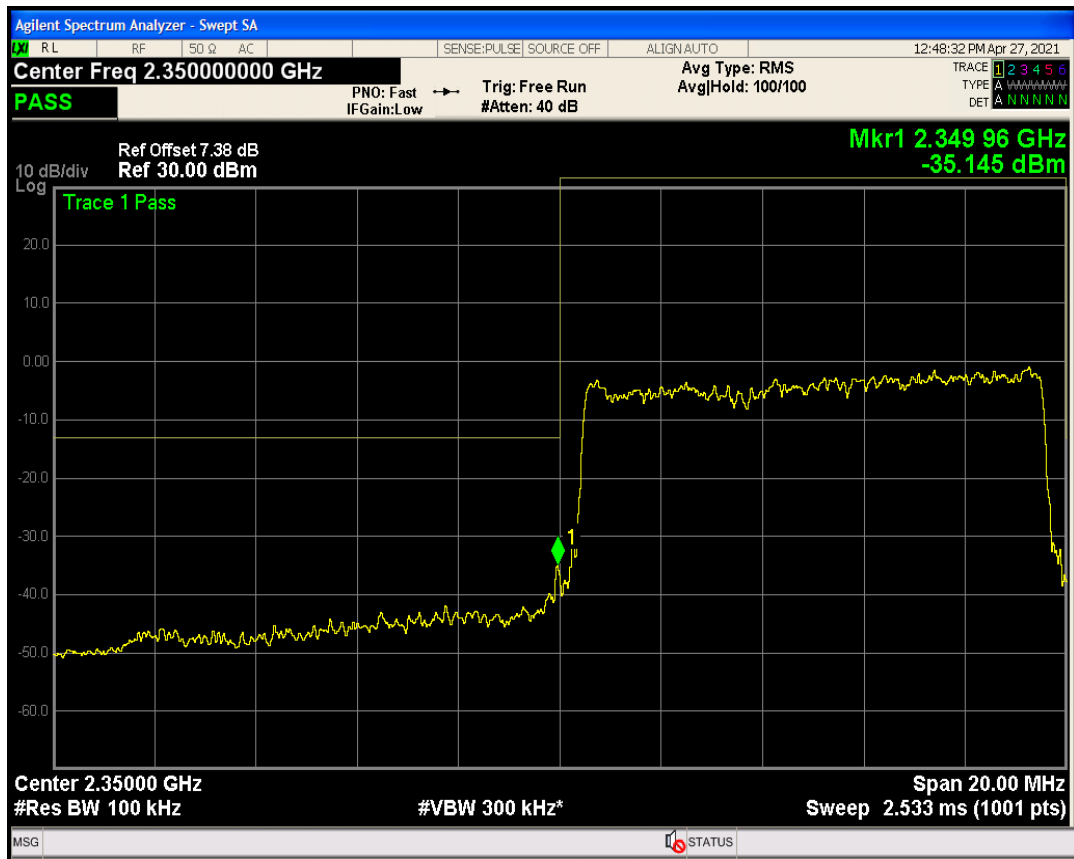
Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



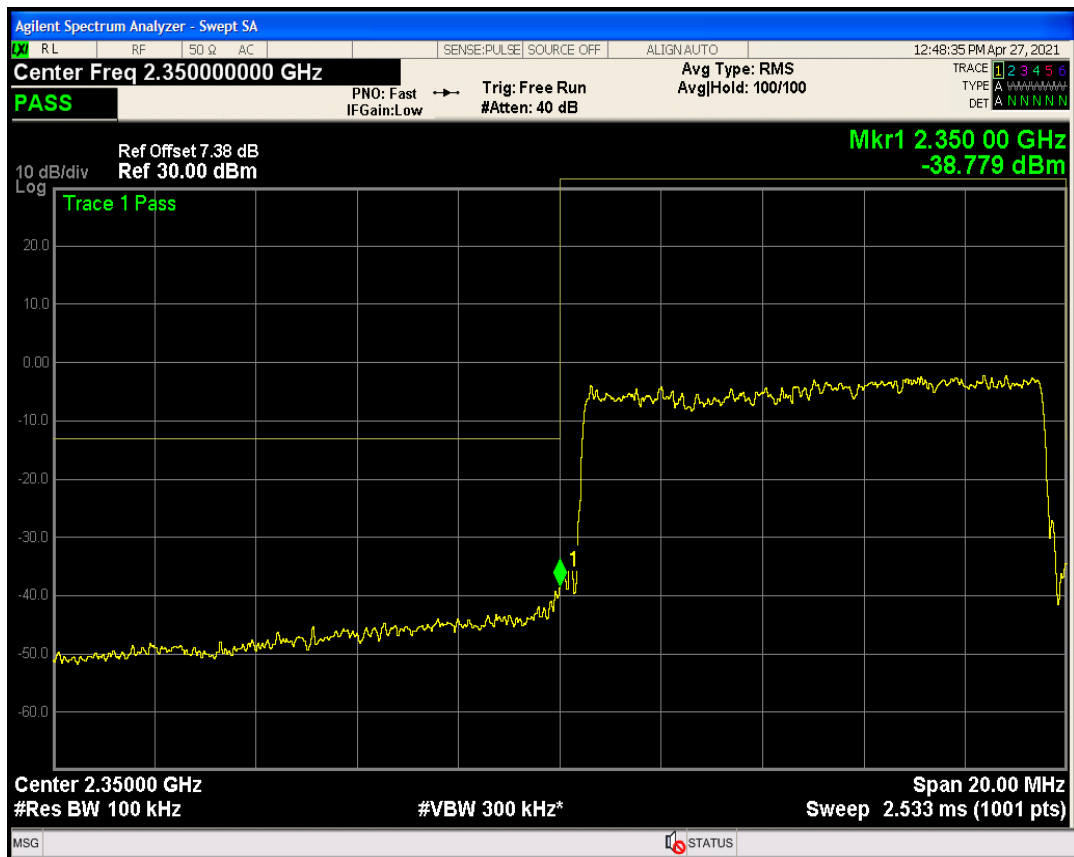
Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0



Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0

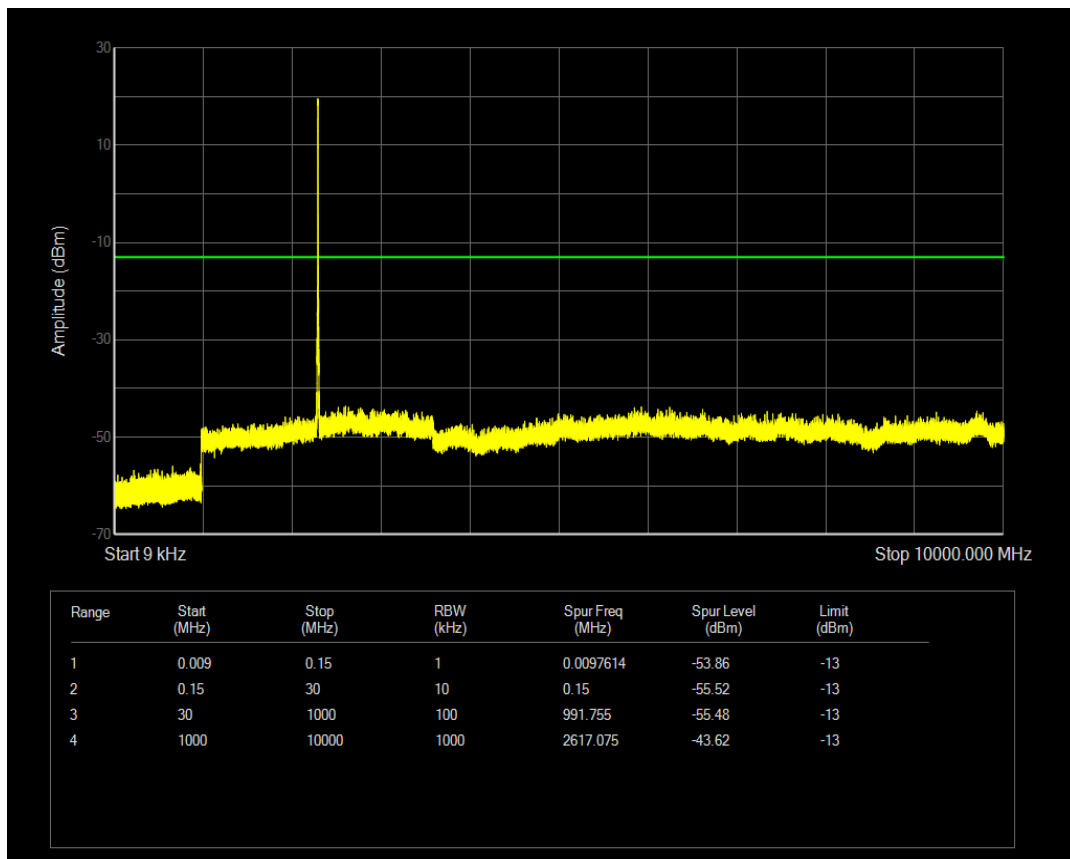


6 Out-of-band emissions

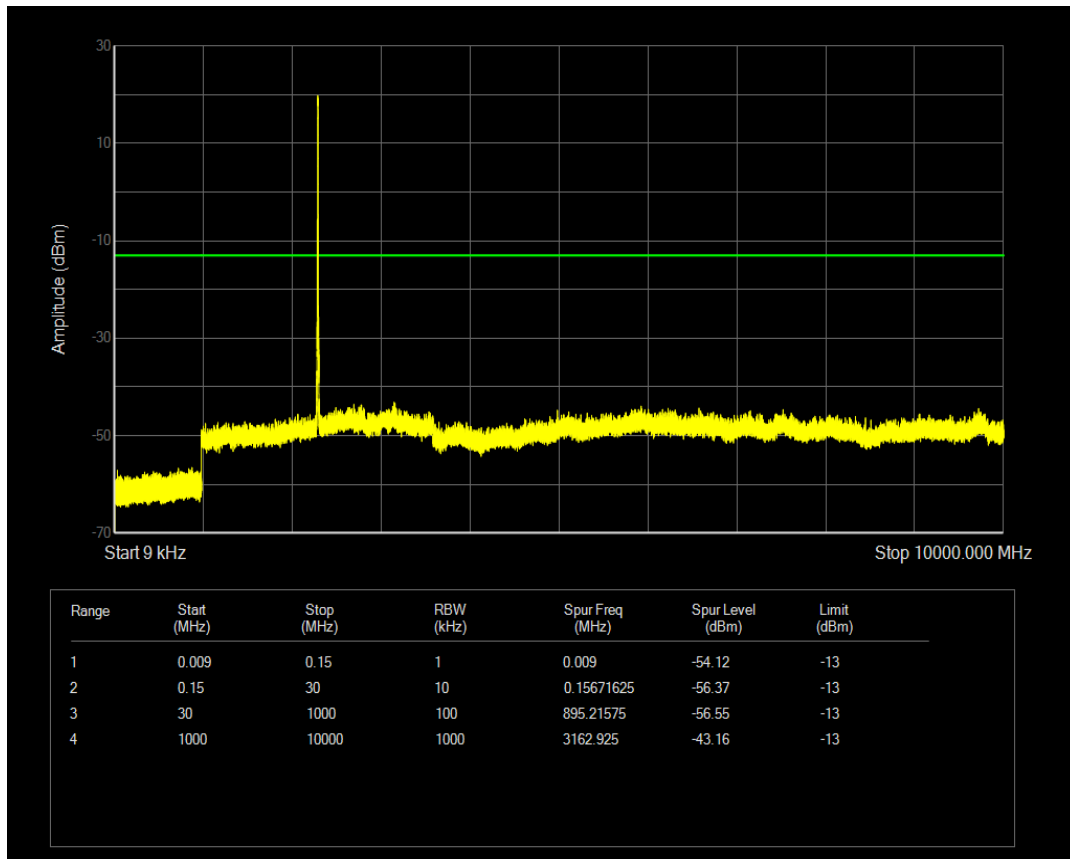
Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band40a	5	38725	25	#0	QPSK	2617.08	-43.62	-13	PASS
Band40a	5	38725	25	#0	QAM16	3162.93	-43.16	-13	PASS
Band40a	5	38775	25	#0	QPSK	2616.85	-43.00	-13	PASS
Band40a	5	38775	25	#0	QAM16	2436.63	-36.83	-13	PASS
Band40a	10	38750	50	#0	QPSK	2676.48	-43.23	-13	PASS
Band40a	10	38750	50	#0	QAM16	2638.00	-43.19	-13	PASS
Band40b	5	39175	25	#0	QPSK	3143.80	-42.48	-13	PASS
Band40b	5	39175	25	#0	QAM16	3133.00	-43.50	-13	PASS
Band40b	5	39225	25	#0	QPSK	5778.55	-43.17	-13	PASS
Band40b	5	39225	25	#0	QAM16	5960.58	-43.55	-13	PASS
Band40b	10	39200	50	#0	QPSK	3193.08	-43.11	-13	PASS
Band40b	10	39200	50	#0	QAM16	3155.95	-43.41	-13	PASS

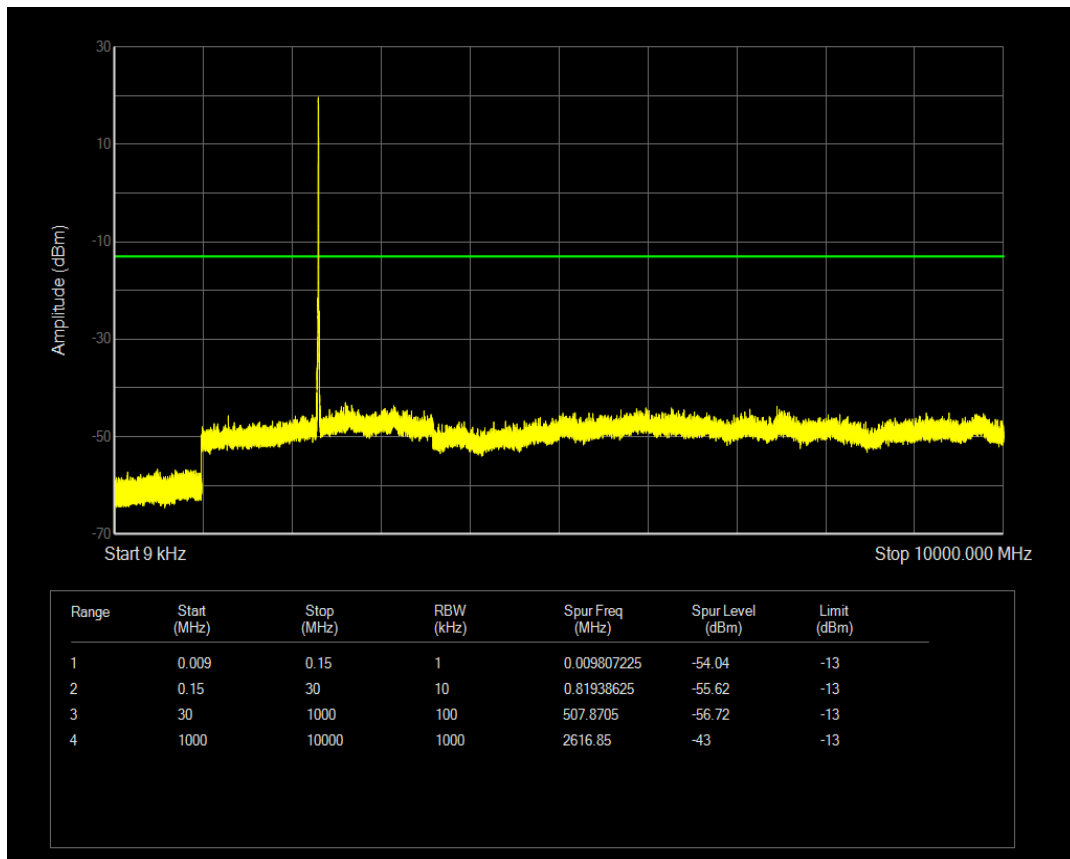
Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



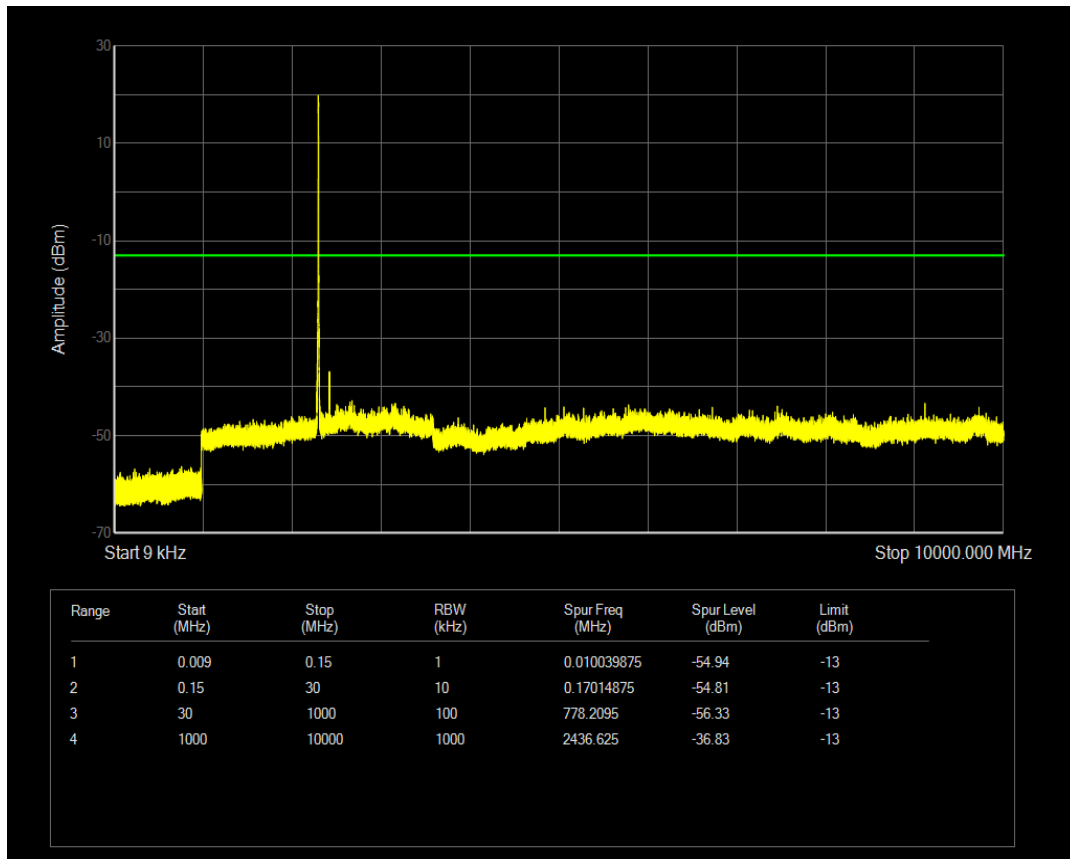
Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



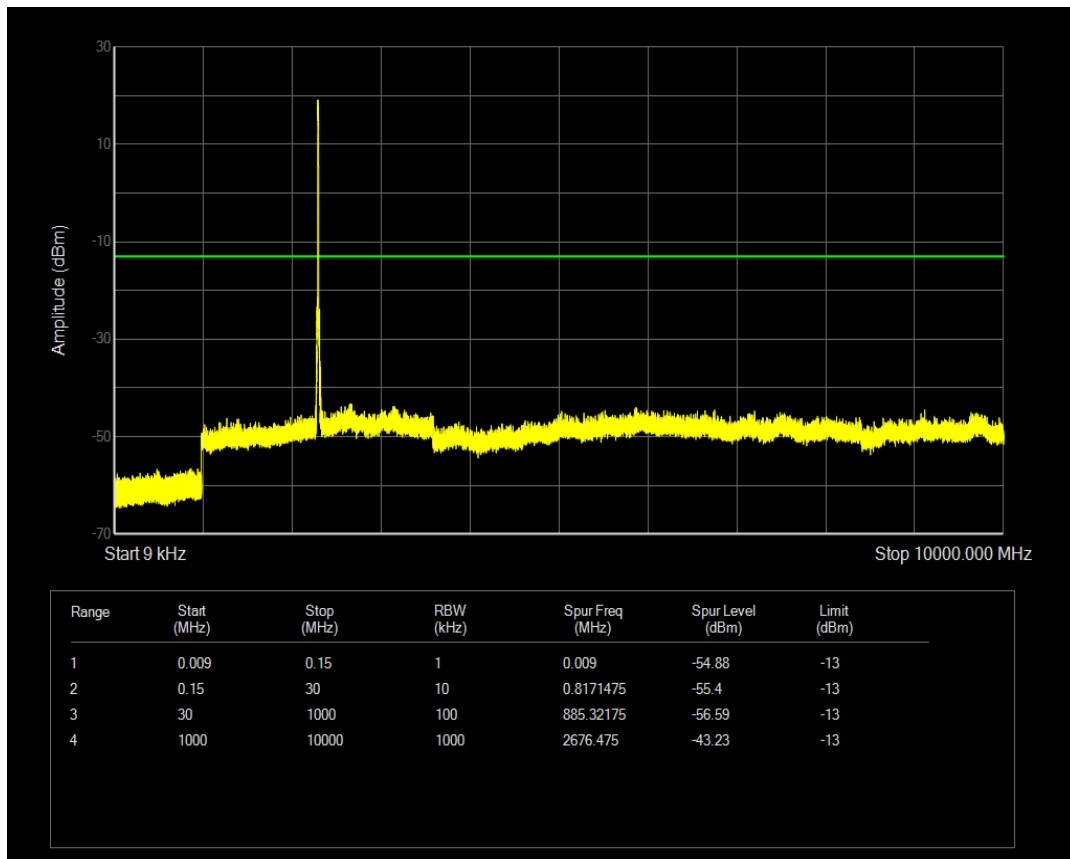
Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0



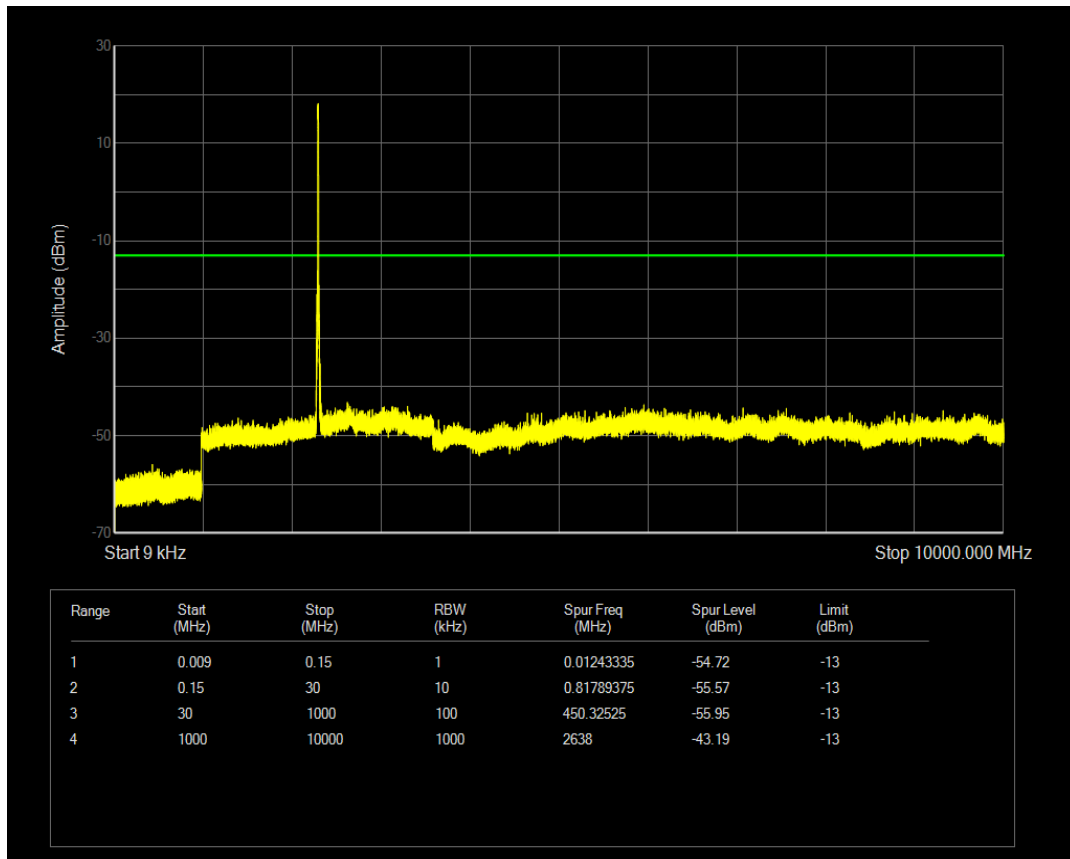
Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



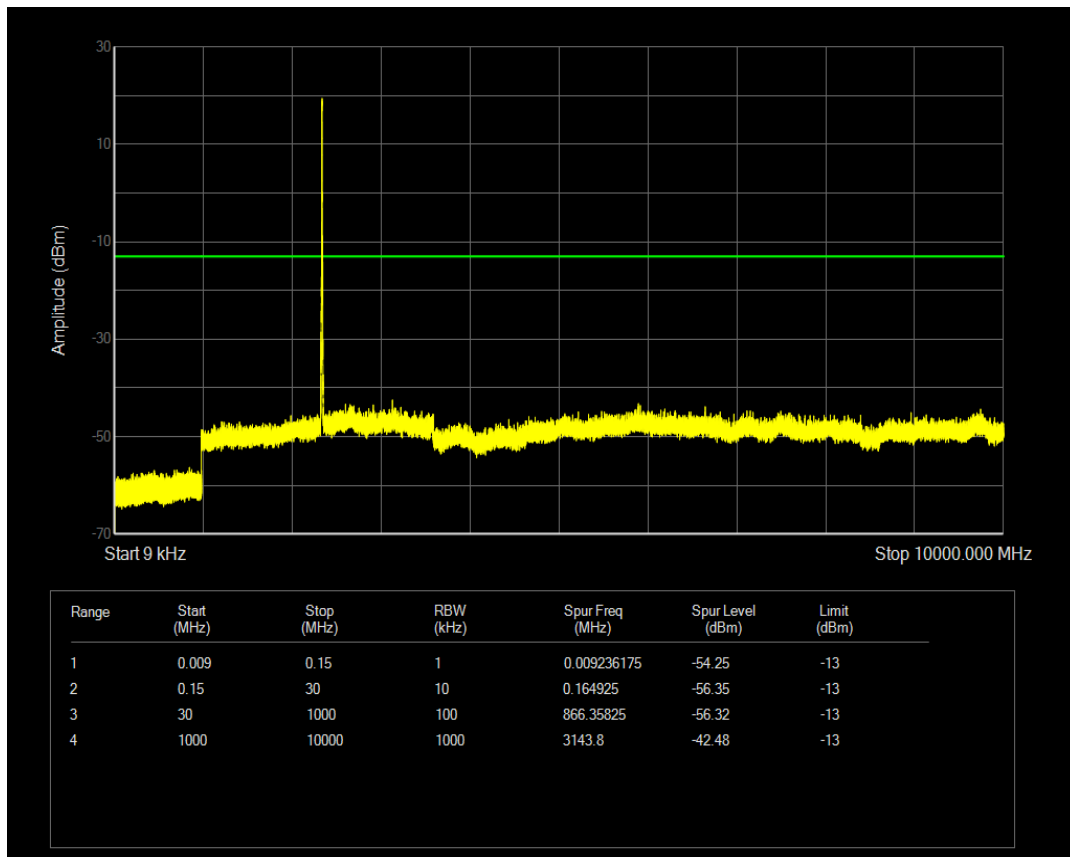
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



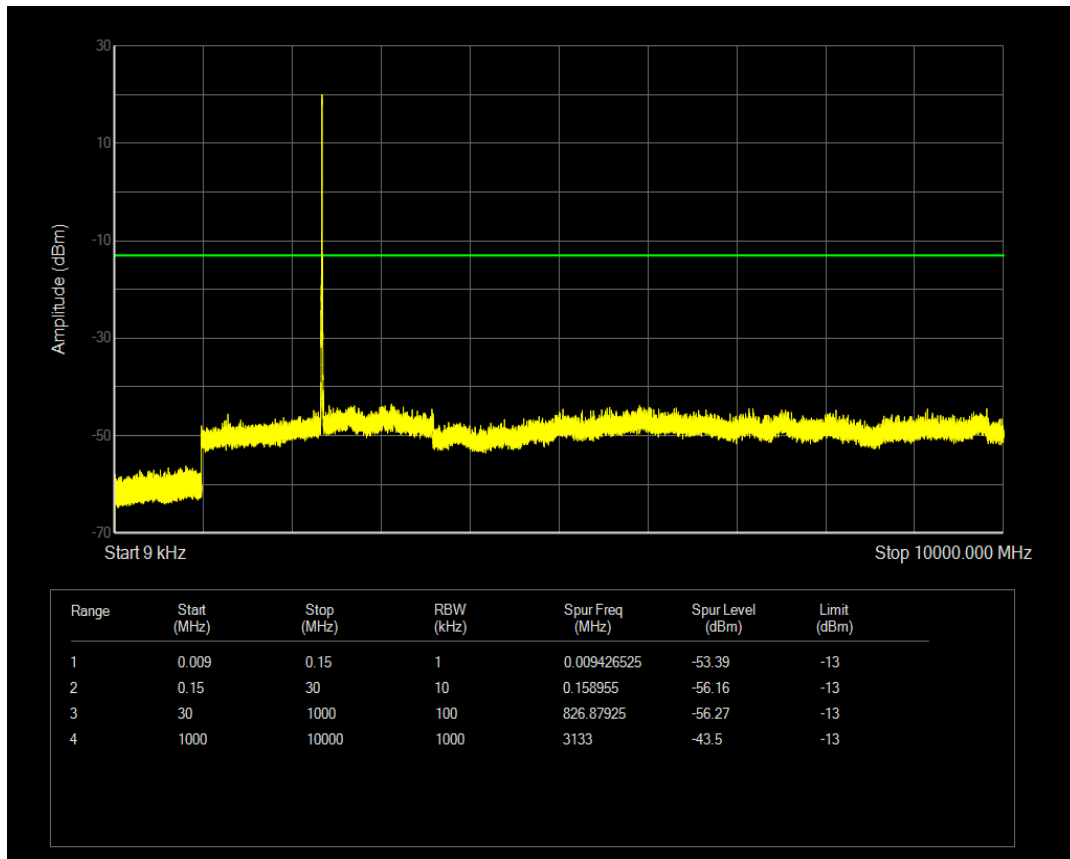
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



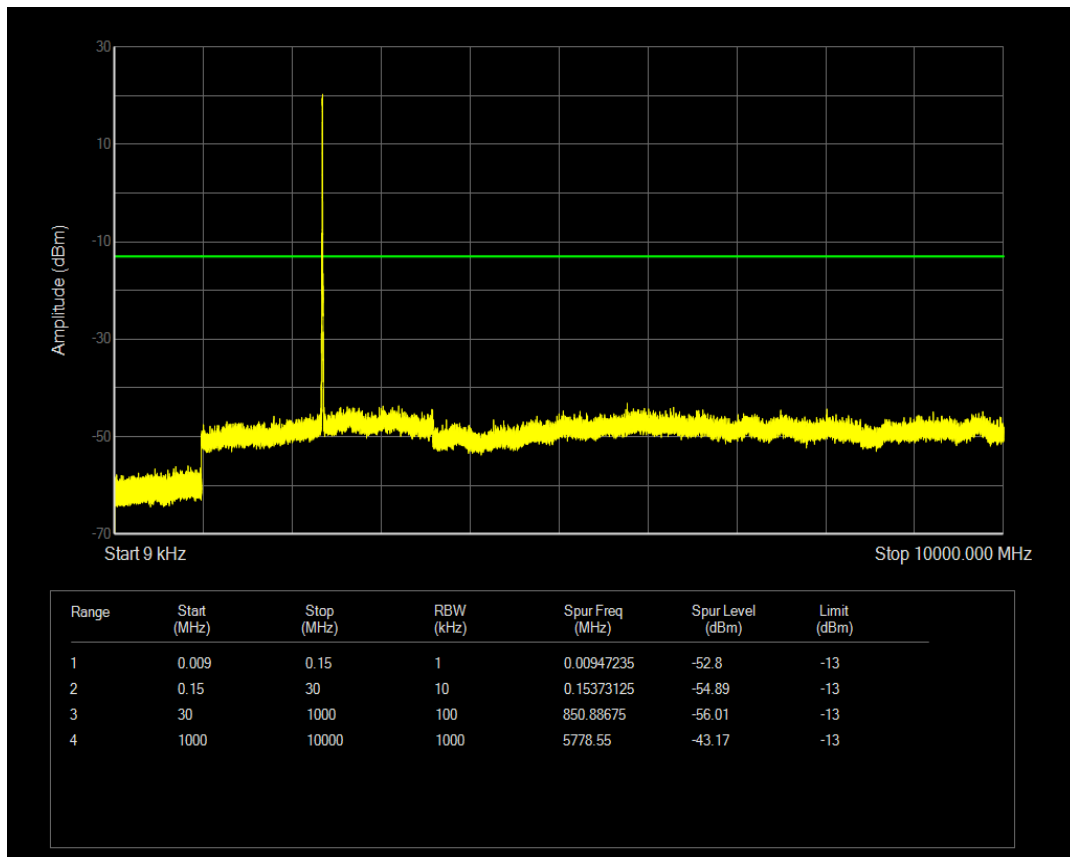
Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



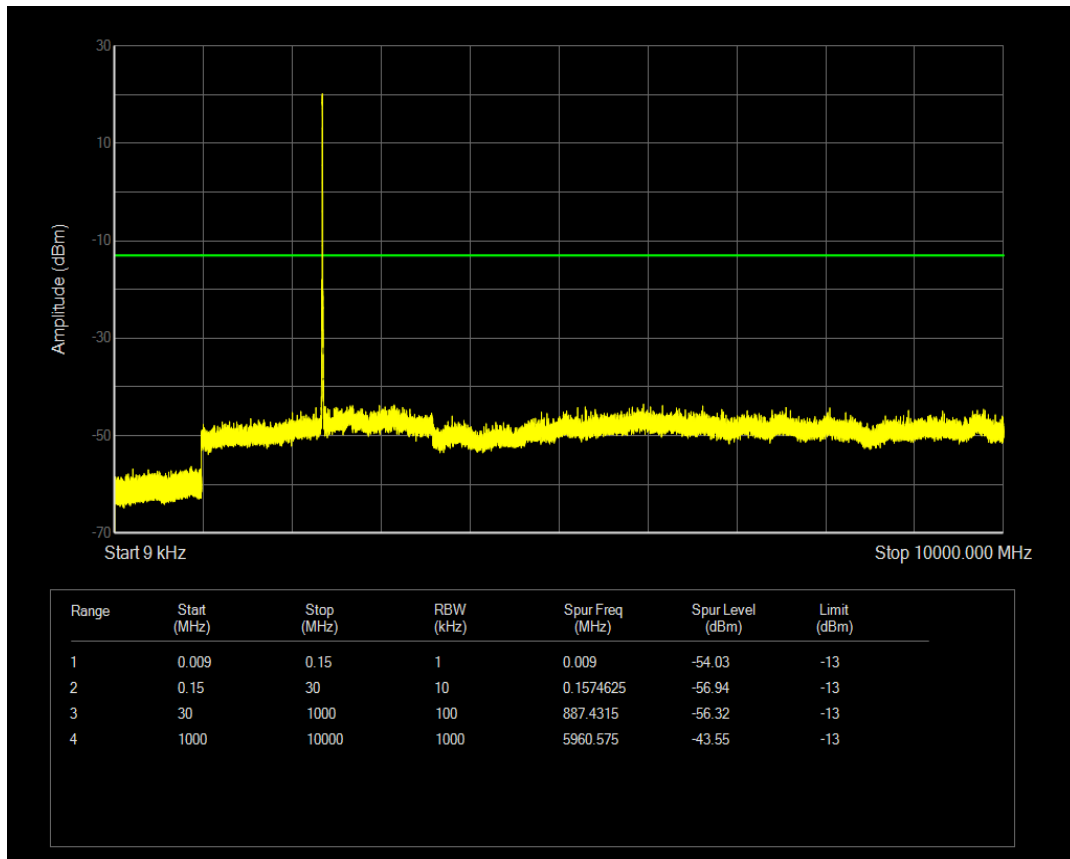
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



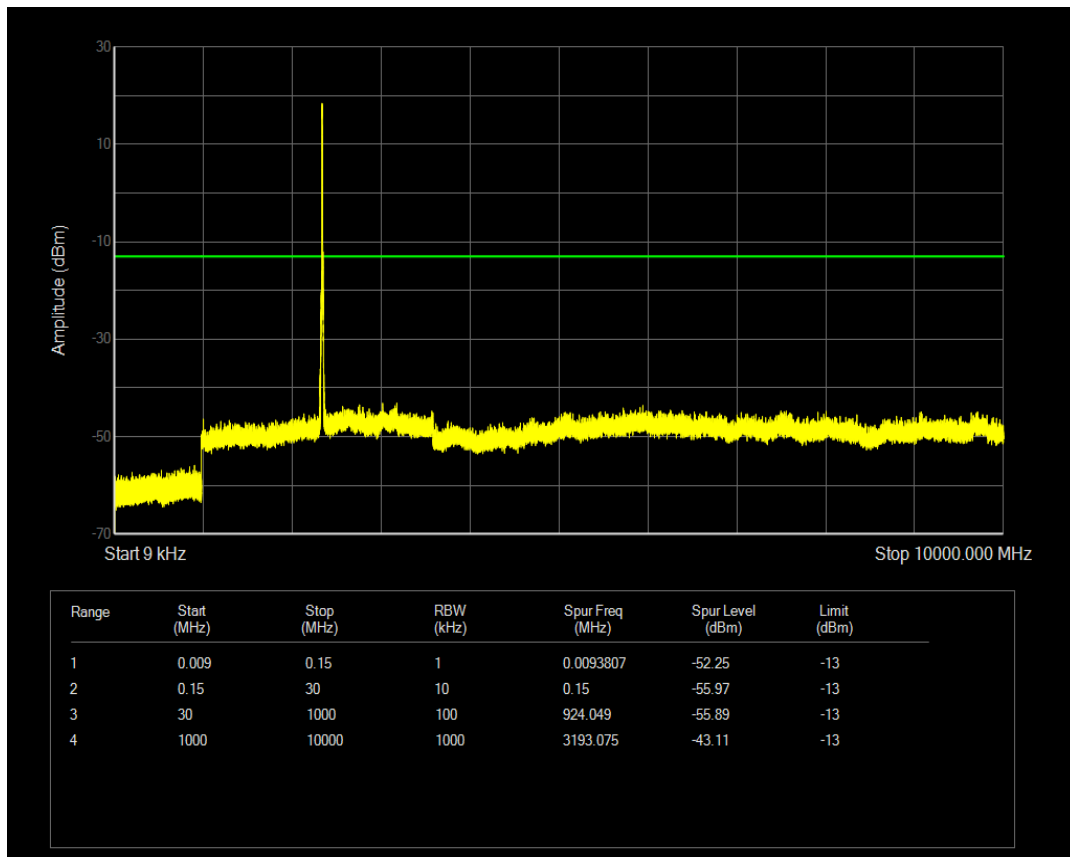
Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



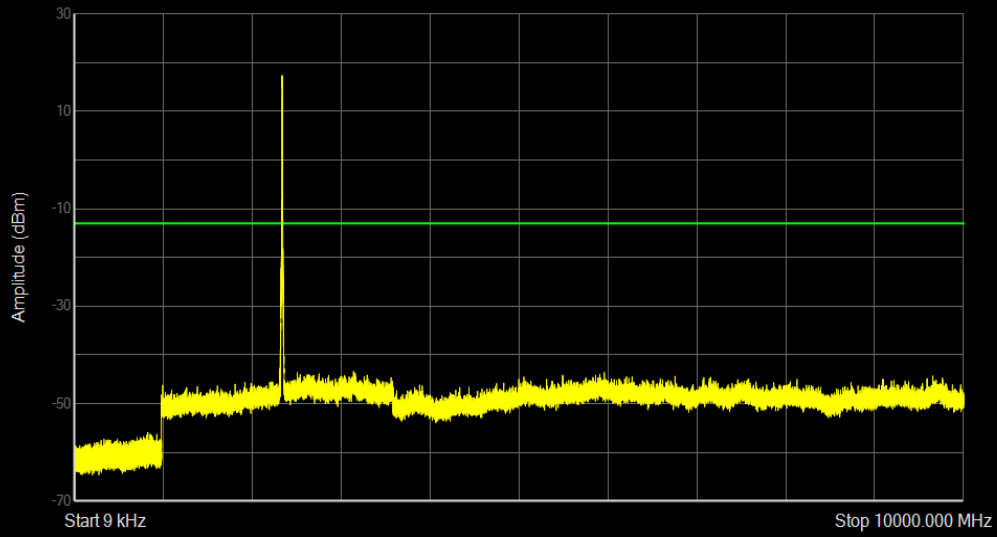
Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0



Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01188345	-54.55	-13
2	0.15	30	10	0.15597	-54.28	-13
3	30	1000	100	848.17075	-55.91	-13
4	1000	10000	1000	3155.95	-43.41	-13