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	21.29	37	PASS
Band40a	5	38725	1	#Mid	QPSK	21.43	37	PASS
Band40a	5	38725	1	#Max	QPSK	21.43	37	PASS
Band40a	5	38725	12	#0	QPSK	20.64	37	PASS
Band40a	5	38725	12	#Max	QPSK	20.72	37	PASS
Band40a	5	38725	25	#0	QPSK	20.64	37	PASS
Band40a	5	38725	1	#0	QAM16	21.11	37	PASS
Band40a	5	38725	1	#Mid	QAM16	21.19	37	PASS
Band40a	5	38725	1	#Max	QAM16	21.31	37	PASS
Band40a	5	38725	12	#0	QAM16	19.62	37	PASS
Band40a	5	38725	12	#Max	QAM16	19.70	37	PASS
Band40a	5	38725	25	#0	QAM16	19.60	37	PASS
Band40a	5	38750	1	#0	QPSK	21.35	37	PASS
Band40a	5	38750	1	#Mid	QPSK	21.53	37	PASS
Band40a	5	38750	1	#Max	QPSK	21.77	37	PASS
Band40a	5	38750	12	#0	QPSK	20.74	37	PASS
Band40a	5	38750	12	#Max	QPSK	20.78	37	PASS
Band40a	5	38750	25	#0	QPSK	20.80	37	PASS
Band40a	5	38750	1	#0	QAM16	20.61	37	PASS
Band40a	5	38750	1	#Mid	QAM16	20.87	37	PASS
Band40a	5	38750	1	#Max	QAM16	20.80	37	PASS
Band40a	5	38750	12	#0	QAM16	19.59	37	PASS
Band40a	5	38750	12	#Max	QAM16	19.67	37	PASS
Band40a	5	38750	25	#0	QAM16	19.79	37	PASS
Band40a	5	38775	1	#0	QPSK	21.60	37	PASS
Band40a	5	38775	1	#Mid	QPSK	21.73	37	PASS
Band40a	5	38775	1	#Max	QPSK	21.82	37	PASS
Band40a	5	38775	12	#0	QPSK	20.92	37	PASS
Band40a	5	38775	12	#Max	QPSK	21.01	37	PASS
Band40a	5	38775	25	#0	QPSK	20.97	37	PASS
Band40a	5	38775	1	#0	QAM16	20.47	37	PASS
Band40a	5	38775	1	#Mid	QAM16	20.94	37	PASS
Band40a	5	38775	1	#Max	QAM16	20.92	37	PASS
Band40a	5	38775	12	#0	QAM16	19.87	37	PASS
Band40a	5	38775	12	#Max	QAM16	19.94	37	PASS
Band40a	5	38775	25	#0	QAM16	20.16	37	PASS
Band40a	10	38750	1	#0	QPSK	21.50	37	PASS
Band40a	10	38750	1	#Mid	QPSK	21.56	37	PASS
Band40a	10	38750	1	#Max	QPSK	21.83	37	PASS
Band40a	10	38750	25	#0	QPSK	20.71	37	PASS

Band40a	10	38750	25	#Max	QPSK	21.01	37	PASS
Band40a	10	38750	50	#0	QPSK	20.86	37	PASS
Band40a	10	38750	1	#0	QAM16	20.84	37	PASS
Band40a	10	38750	1	#Mid	QAM16	21.10	37	PASS
Band40a	10	38750	1	#Max	QAM16	21.30	37	PASS
Band40a	10	38750	25	#0	QAM16	19.79	37	PASS
Band40a	10	38750	25	#Max	QAM16	20.05	37	PASS
Band40a	10	38750	50	#0	QAM16	20.05	37	PASS
Band40b	5	39175	1	#0	QPSK	21.41	37	PASS
Band40b	5	39175	1	#Mid	QPSK	21.53	37	PASS
Band40b	5	39175	1	#Max	QPSK	21.55	37	PASS
Band40b	5	39175	12	#0	QPSK	20.73	37	PASS
Band40b	5	39175	12	#Max	QPSK	20.75	37	PASS
Band40b	5	39175	25	#0	QPSK	20.77	37	PASS
Band40b	5	39175	1	#0	QAM16	20.88	37	PASS
Band40b	5	39175	1	#Mid	QAM16	20.95	37	PASS
Band40b	5	39175	1	#Max	QAM16	21.18	37	PASS
Band40b	5	39175	12	#0	QAM16	19.53	37	PASS
Band40b	5	39175	12	#Max	QAM16	19.67	37	PASS
Band40b	5	39175	25	#0	QAM16	19.64	37	PASS
Band40b	5	39200	1	#0	QPSK	21.37	37	PASS
Band40b	5	39200	1	#Mid	QPSK	21.46	37	PASS
Band40b	5	39200	1	#Max	QPSK	21.52	37	PASS
Band40b	5	39200	12	#0	QPSK	20.66	37	PASS
Band40b	5	39200	12	#Max	QPSK	20.64	37	PASS
Band40b	5	39200	25	#0	QPSK	20.72	37	PASS
Band40b	5	39200	1	#0	QAM16	20.88	37	PASS
Band40b	5	39200	1	#Mid	QAM16	20.80	37	PASS
Band40b	5	39200	1	#Max	QAM16	21.11	37	PASS
Band40b	5	39200	12	#0	QAM16	19.64	37	PASS
Band40b	5	39200	12	#Max	QAM16	19.63	37	PASS
Band40b	5	39200	25	#0	QAM16	19.69	37	PASS
Band40b	5	39225	1	#0	QPSK	21.49	37	PASS
Band40b	5	39225	1	#Mid	QPSK	21.59	37	PASS
Band40b	5	39225	1	#Max	QPSK	21.57	37	PASS
Band40b	5	39225	12	#0	QPSK	20.76	37	PASS
Band40b	5	39225	12	#Max	QPSK	20.89	37	PASS
Band40b	5	39225	25	#0	QPSK	20.75	37	PASS
Band40b	5	39225	1	#0	QAM16	20.66	37	PASS
Band40b	5	39225	1	#Mid	QAM16	20.80	37	PASS
Band40b	5	39225	1	#Max	QAM16	20.79	37	PASS
Band40b	5	39225	12	#0	QAM16	19.76	37	PASS
Band40b	5	39225	12	#Max	QAM16	19.81	37	PASS
Band40b	5	39225	25	#0	QAM16	19.90	37	PASS

Band40b	10	39200	1	#0	QPSK	21.48	37	PASS
Band40b	10	39200	1	#Mid	QPSK	21.54	37	PASS
Band40b	10	39200	1	#Max	QPSK	21.78	37	PASS
Band40b	10	39200	25	#0	QPSK	20.67	37	PASS
Band40b	10	39200	25	#Max	QPSK	20.81	37	PASS
Band40b	10	39200	50	#0	QPSK	20.77	37	PASS
Band40b	10	39200	1	#0	QAM16	20.52	37	PASS
Band40b	10	39200	1	#Mid	QAM16	20.92	37	PASS
Band40b	10	39200	1	#Max	QAM16	20.65	37	PASS
Band40b	10	39200	25	#0	QAM16	19.73	37	PASS
Band40b	10	39200	25	#Max	QAM16	19.73	37	PASS
Band40b	10	39200	50	#0	QAM16	19.94	37	PASS

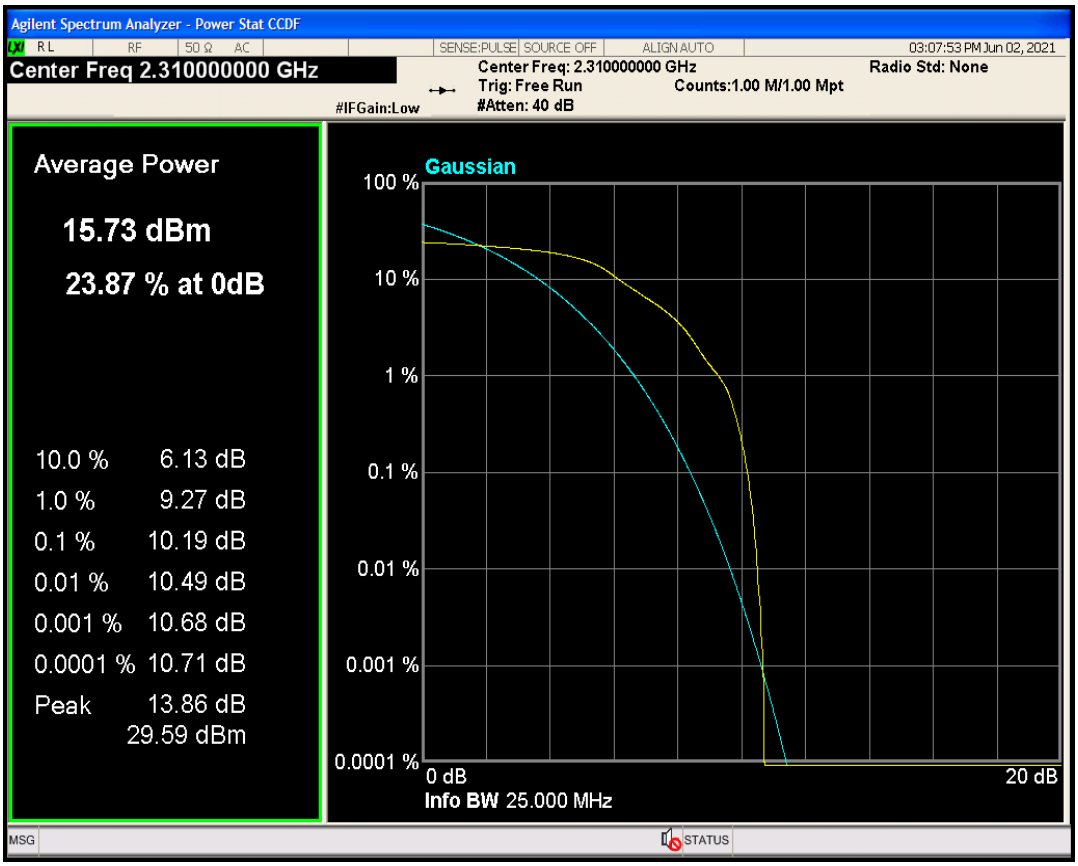
2 Frequency stability

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	-6.70	-0.003	-2.5	2.5	PASS
Band40a	10	38750	50	#0	QAM16	-4.97	-0.002	-2.5	2.5	PASS
Band40b	10	39200	50	#0	QPSK	-5.09	-0.002	-2.5	2.5	PASS
Band40b	10	39200	50	#0	QAM16	-5.22	-0.002	-2.5	2.5	PASS

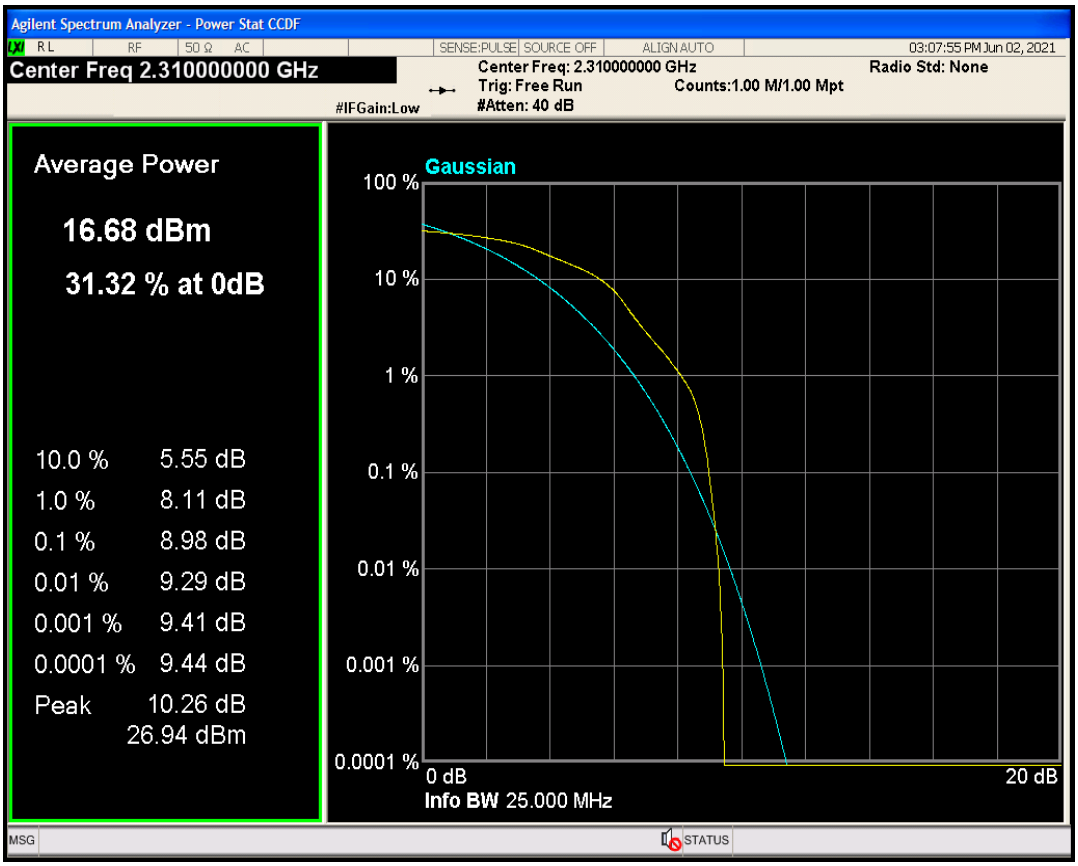
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band40a	5	38750	1	#0	QPSK	10.19	13	PASS
Band40a	5	38750	1	#0	QAM16	8.98	13	PASS
Band40a	10	38750	1	#0	QPSK	7.56	13	PASS
Band40a	10	38750	1	#0	QAM16	7.82	13	PASS
Band40b	5	39200	1	#0	QPSK	8.72	13	PASS
Band40b	5	39200	1	#0	QAM16	9.77	13	PASS
Band40b	10	39200	1	#0	QPSK	8.93	13	PASS
Band40b	10	39200	1	#0	QAM16	9.31	13	PASS

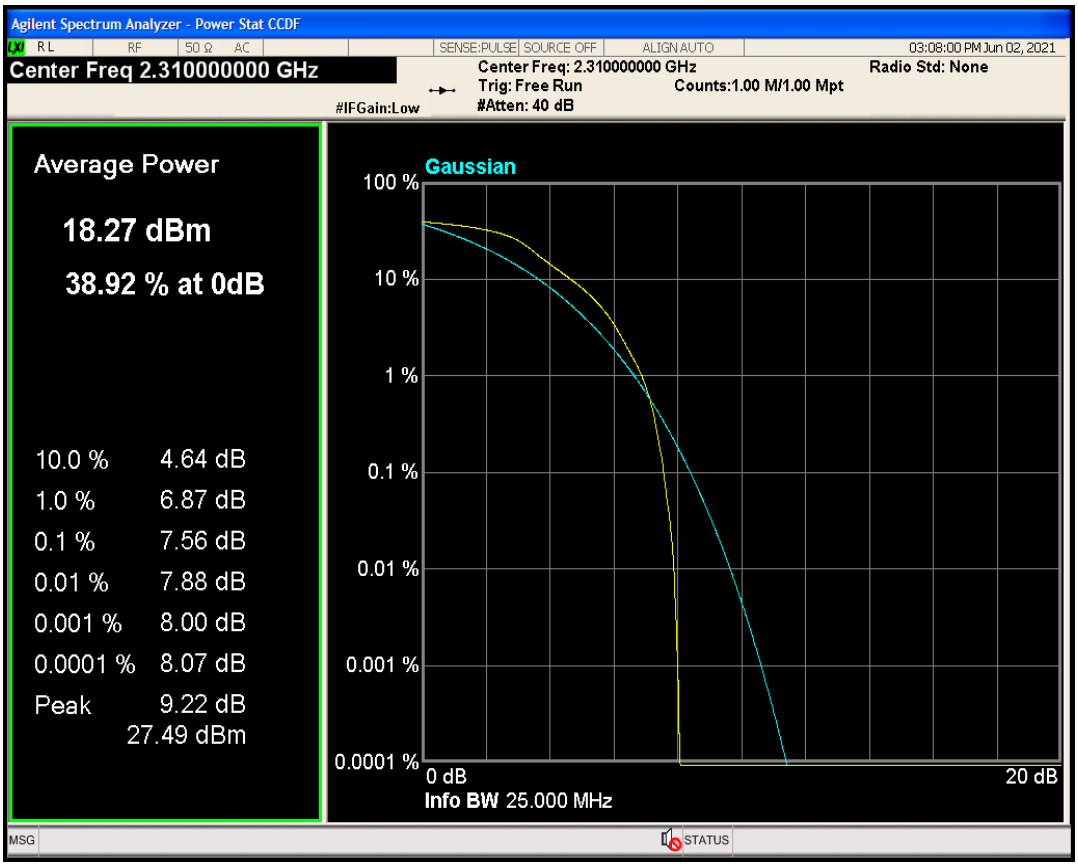
Band40a QPSK BW=5MHz Channel=38750 RB Size=1 Position=#0



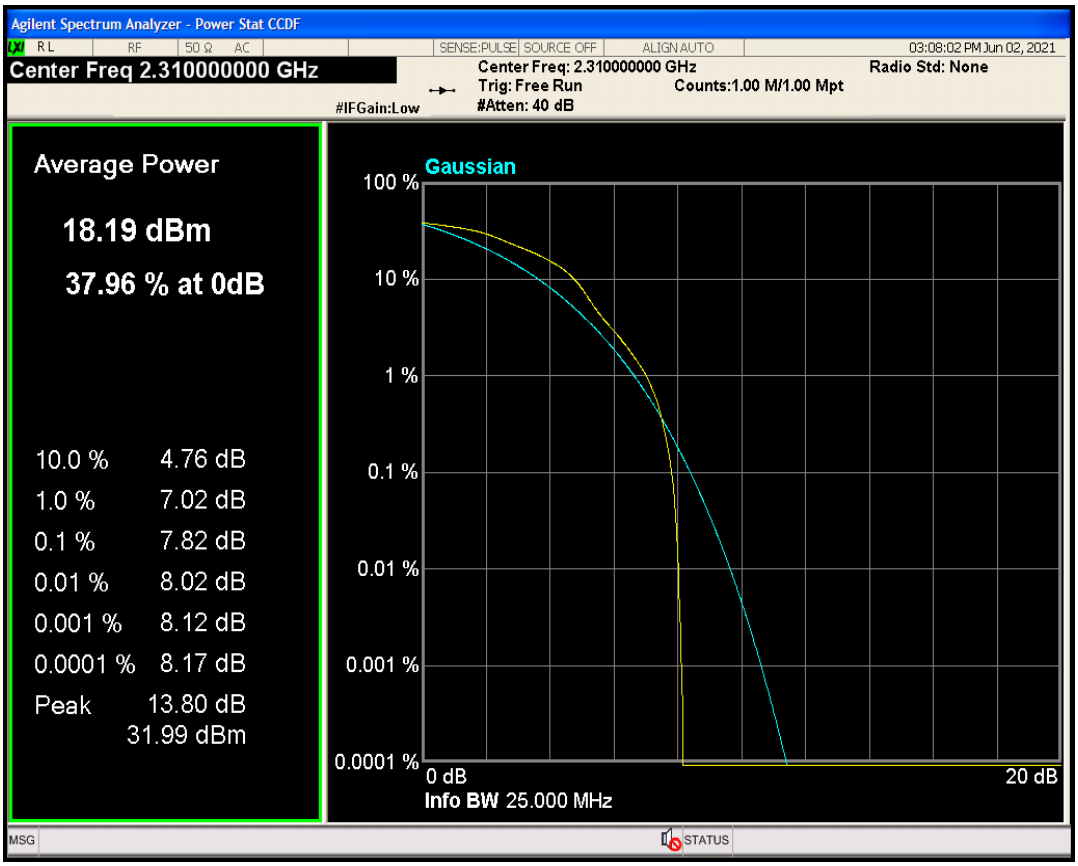
Band40a QAM16 BW=5MHz Channel=38750 RB Size=1 Position=#0



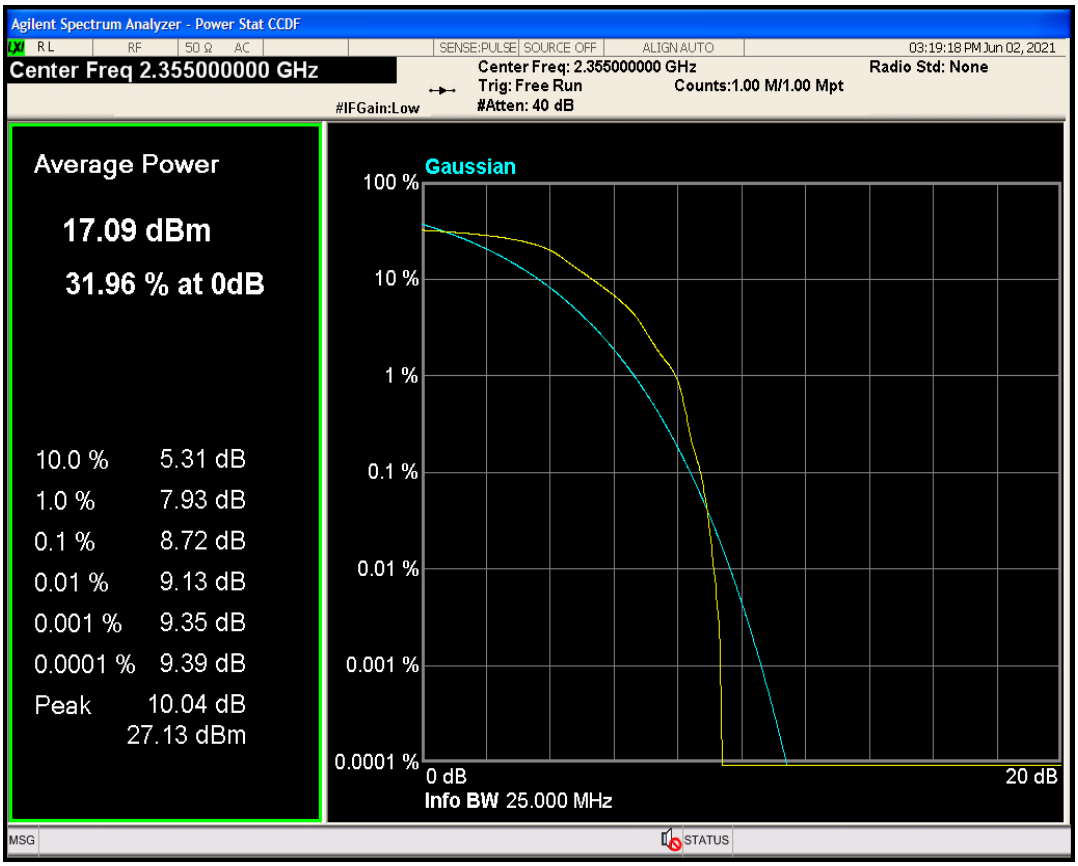
Band40a QPSK BW=10MHz Channel=38750 RB Size=1 Position=#0



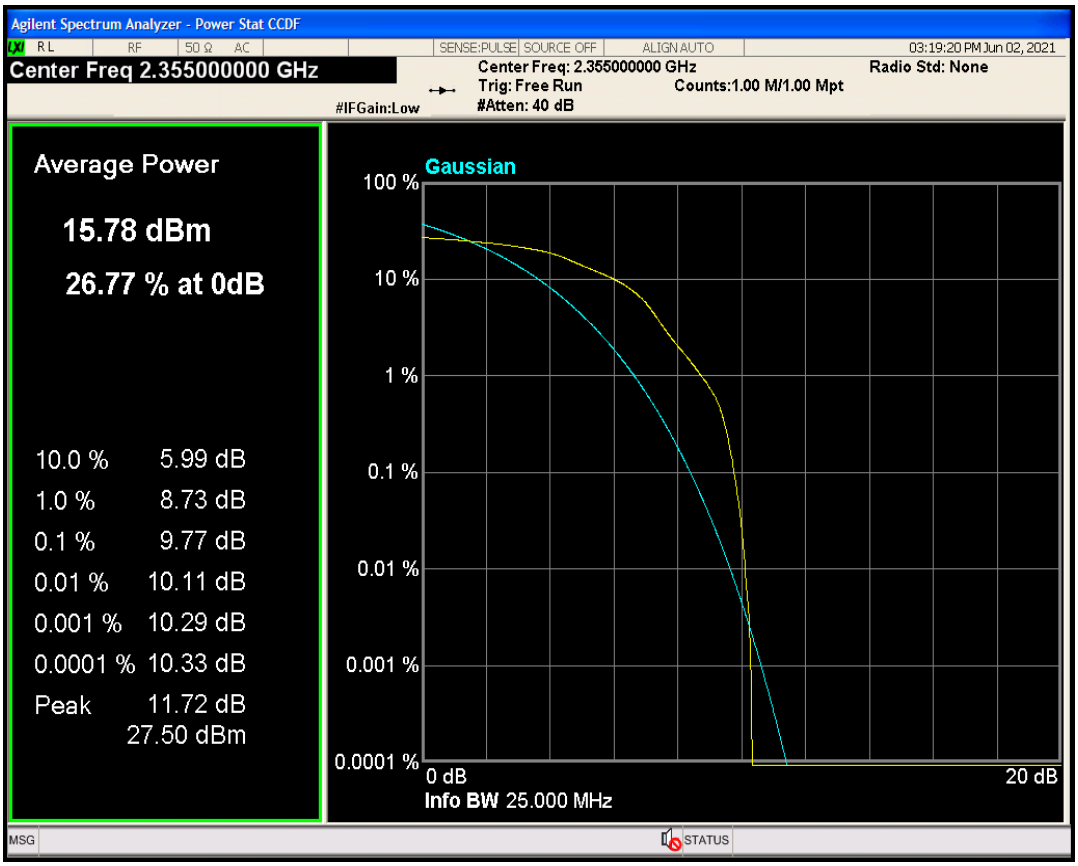
Band40a QAM16 BW=10MHz Channel=38750 RB Size=1 Position=#0



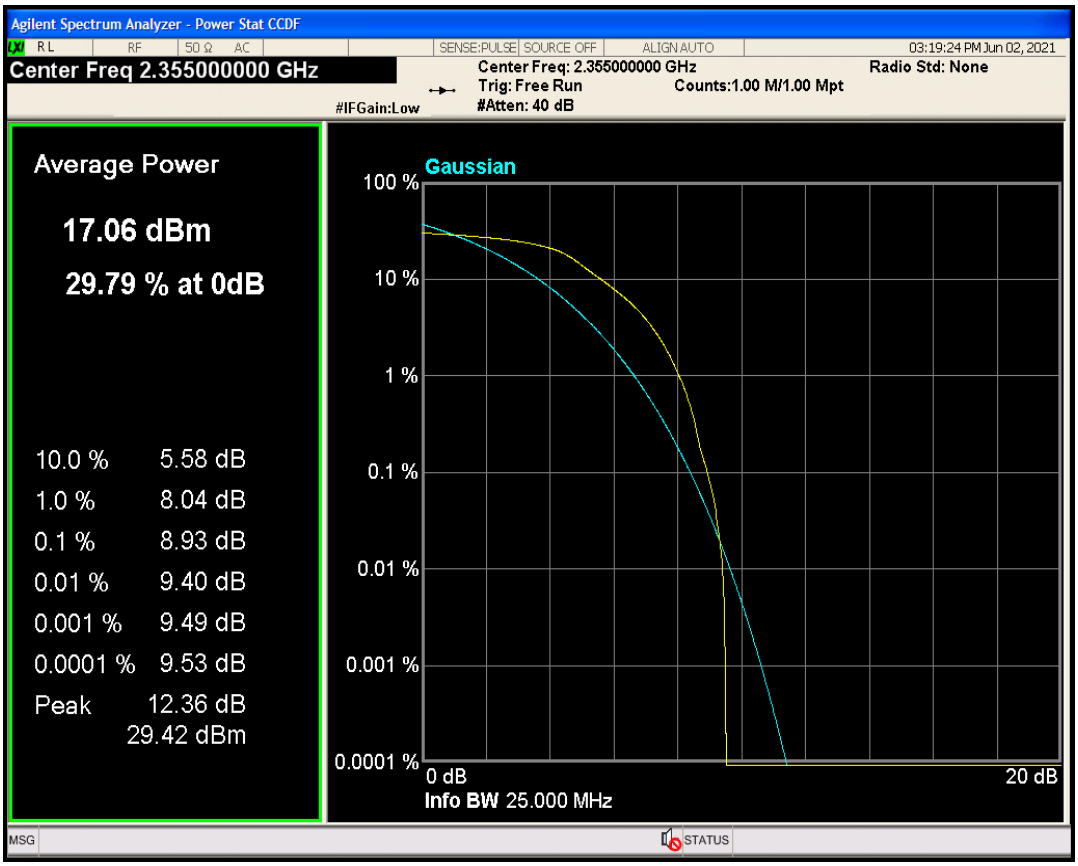
Band40b QPSK BW=5MHz Channel=39200 RB Size=1 Position=#0



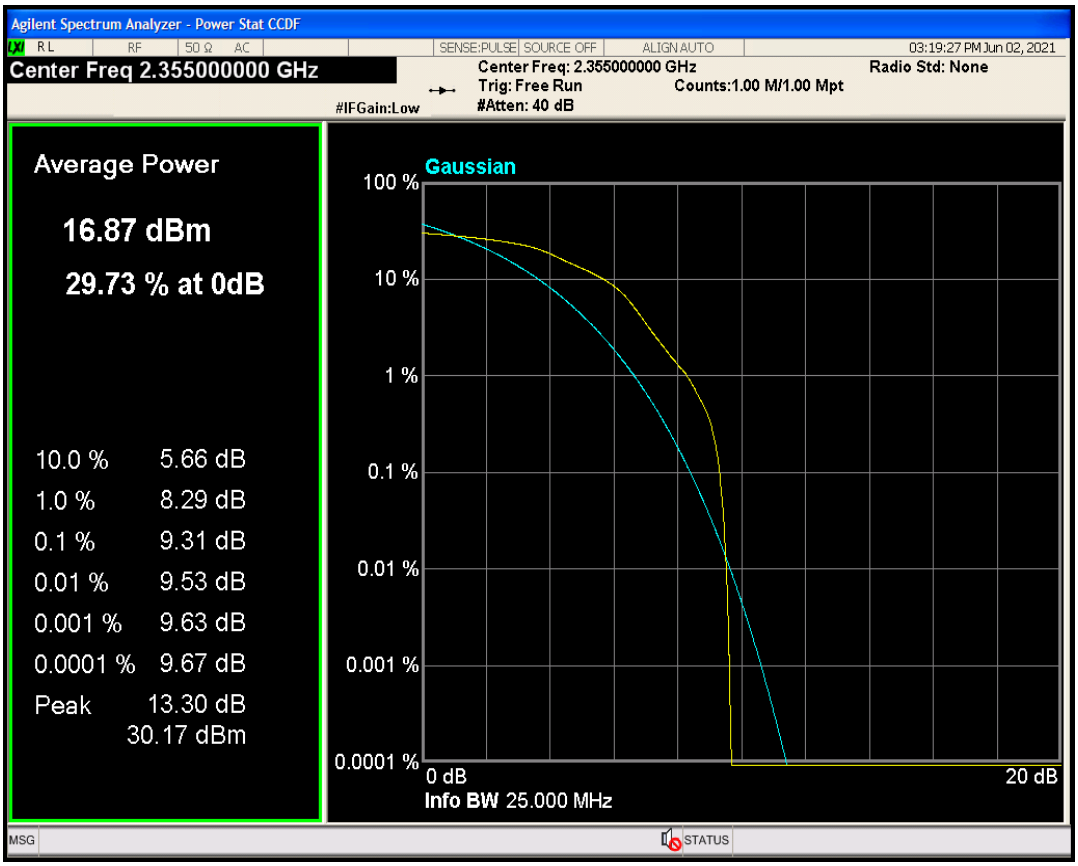
Band40b QAM16 BW=5MHz Channel=39200 RB Size=1 Position=#0



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



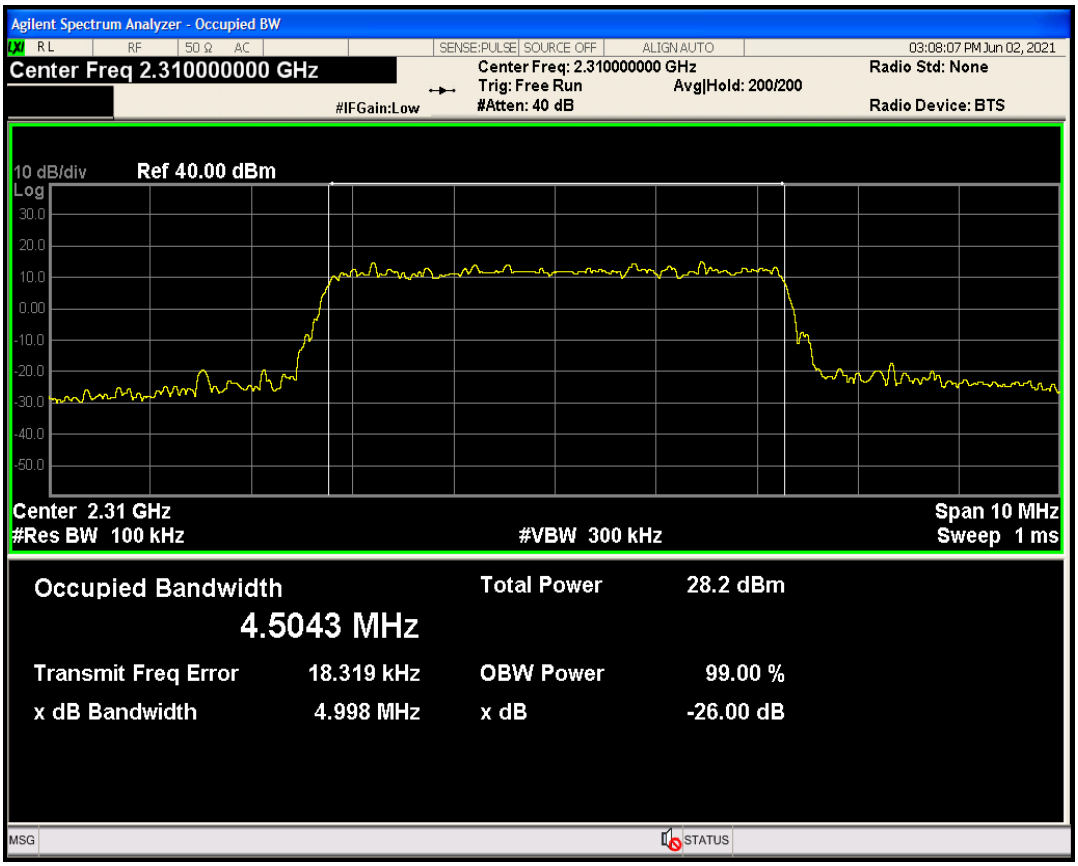
Band40b QAM16 BW=10MHz Channel=39200 RB Size=1 Position=#0



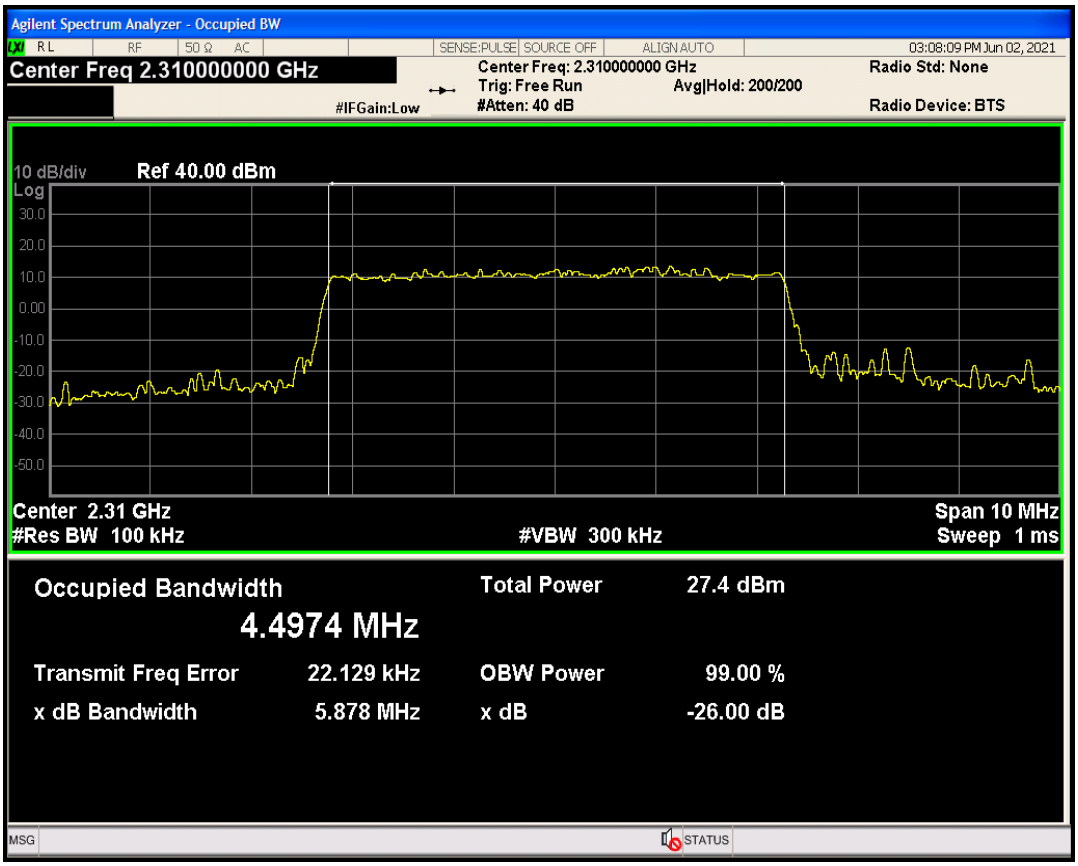
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band40a	5	38750	25	#0	QPSK	4.504	4.998	PASS
Band40a	5	38750	25	#0	QAM16	4.497	5.878	PASS
Band40a	10	38750	50	#0	QPSK	8.968	10.287	PASS
Band40a	10	38750	50	#0	QAM16	8.999	9.829	PASS
Band40b	5	39200	25	#0	QPSK	4.505	4.950	PASS
Band40b	5	39200	25	#0	QAM16	4.497	4.957	PASS
Band40b	10	39200	50	#0	QPSK	8.959	9.708	PASS
Band40b	10	39200	50	#0	QAM16	8.983	9.829	PASS

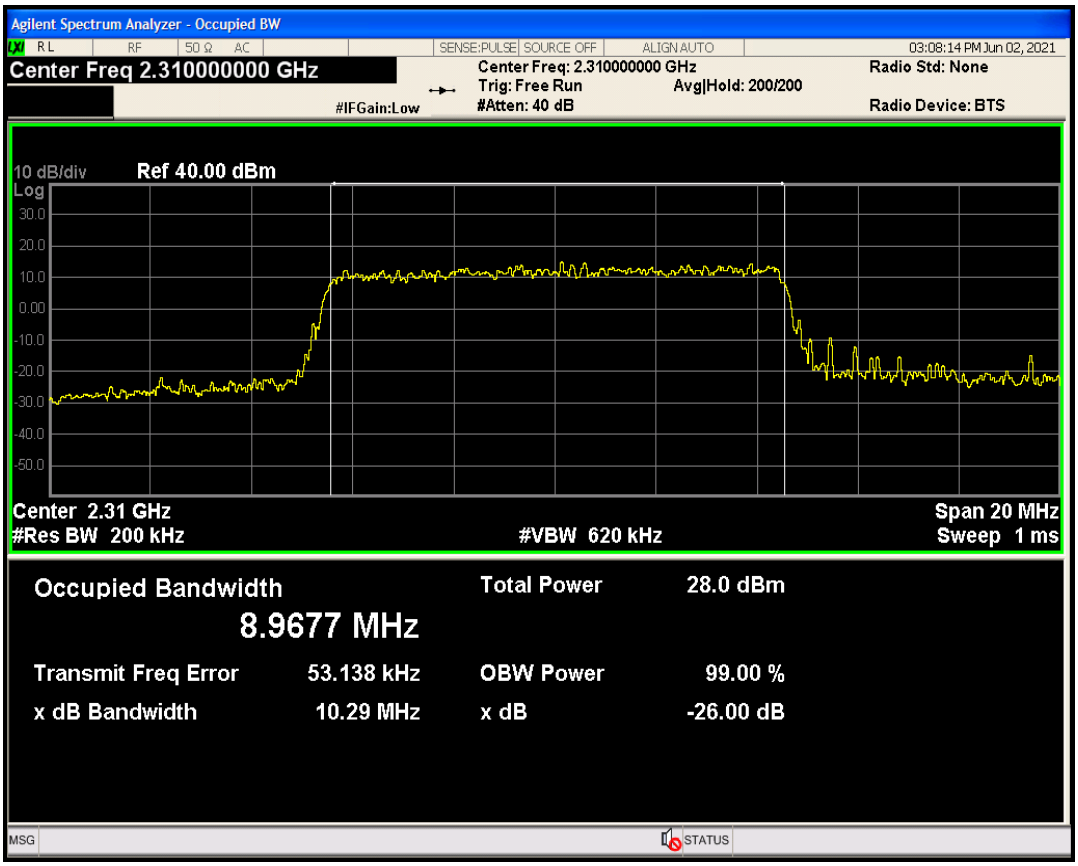
Band40a QPSK BW=5MHz Channel=38750 RB Size=25 Position=#0



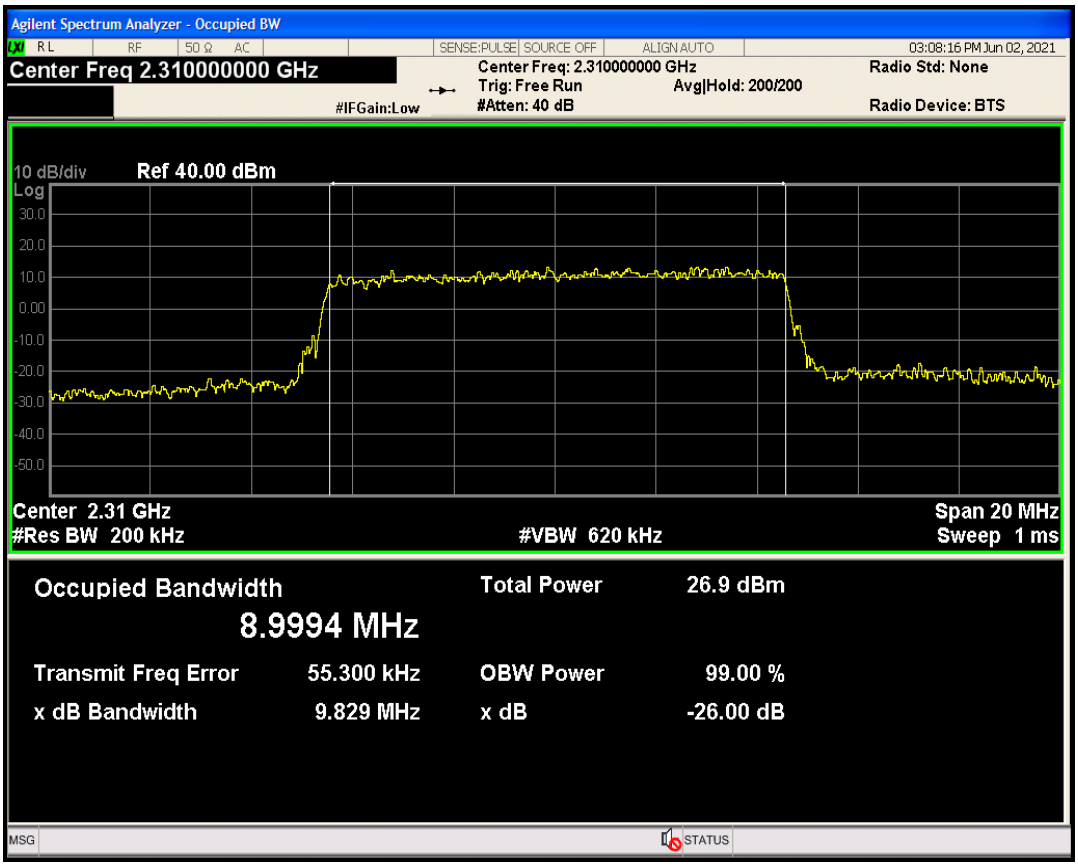
Band40a QAM16 BW=5MHz Channel=38750 RB Size=25 Position=#0



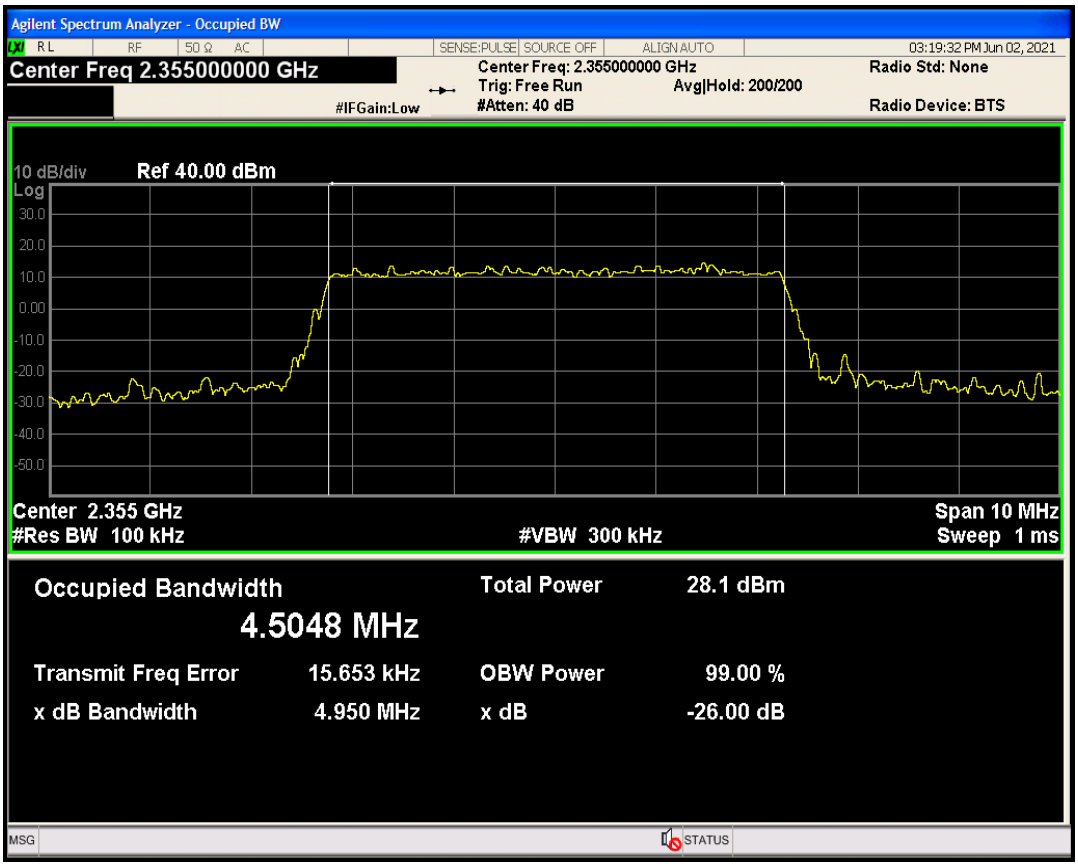
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



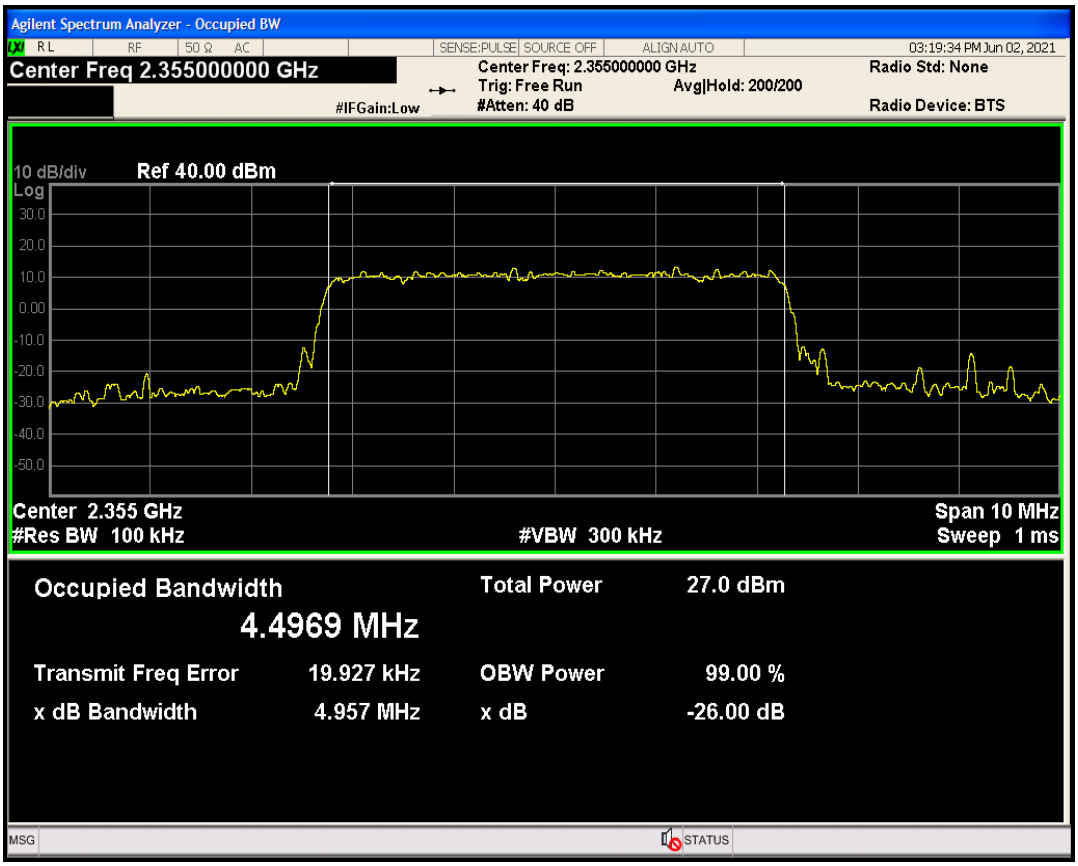
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



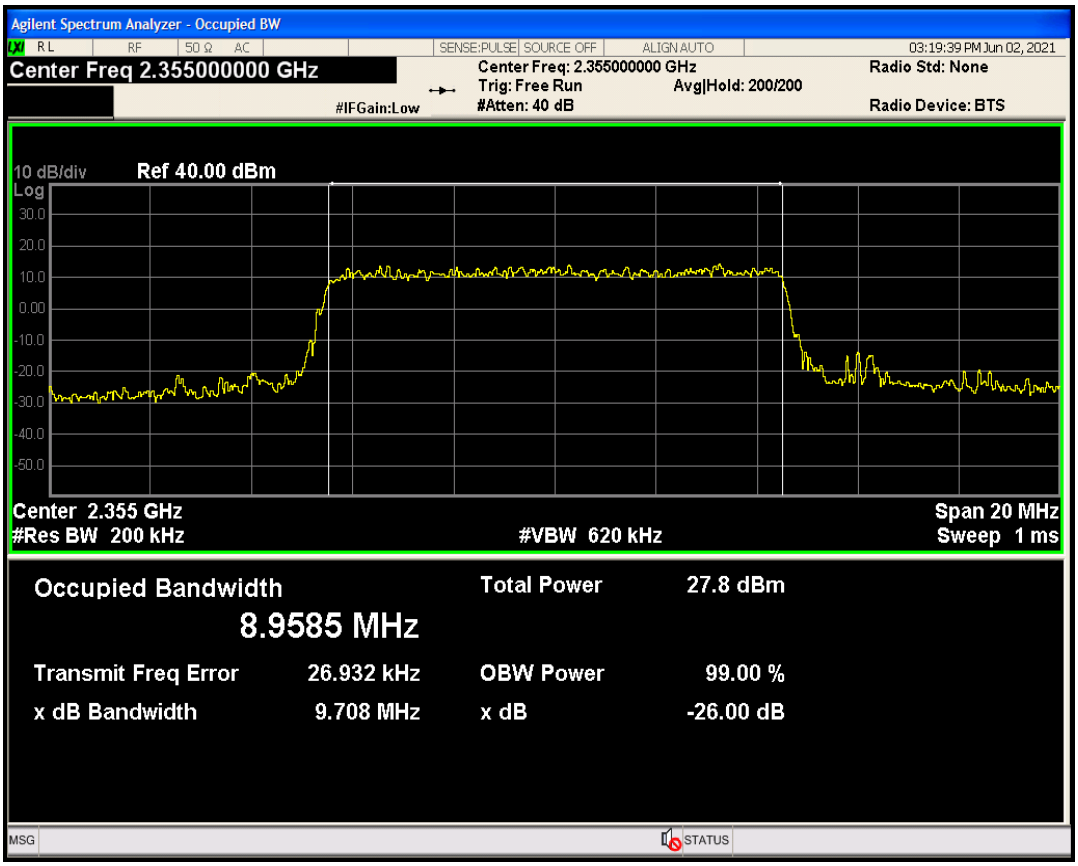
Band40b QPSK BW=5MHz Channel=39200 RB Size=25 Position=#0



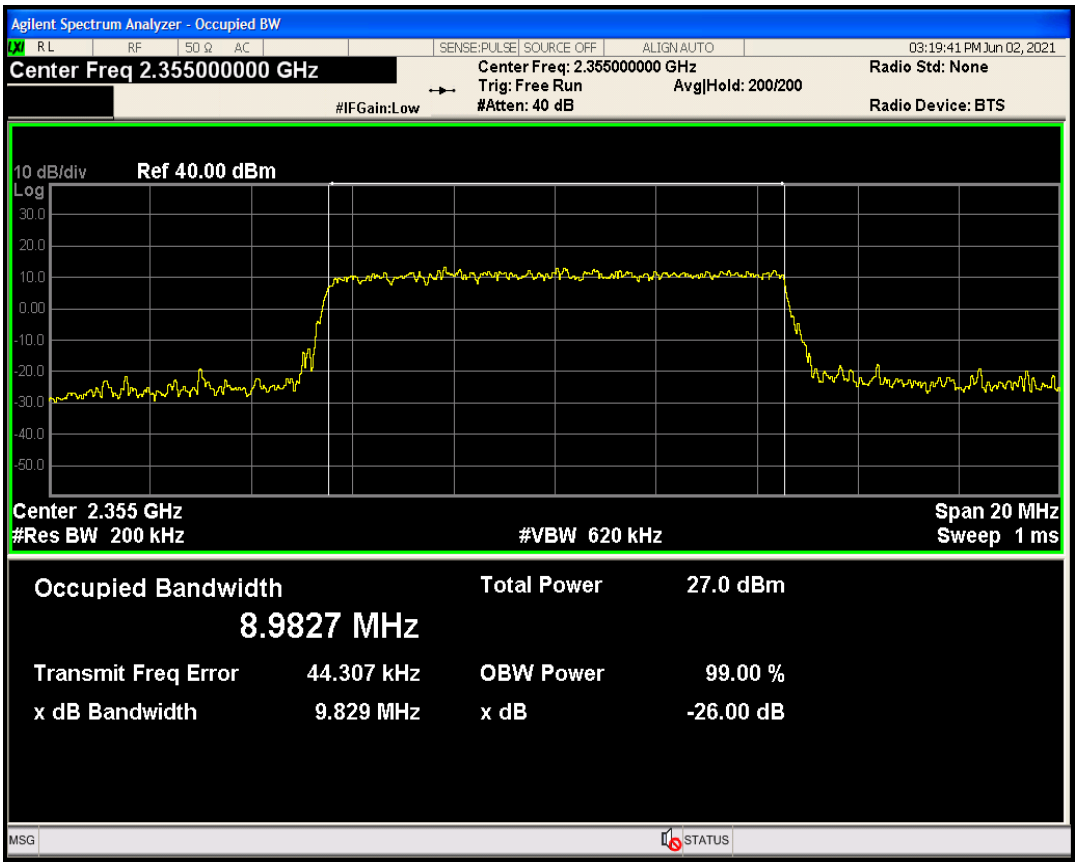
Band40b QAM16 BW=5MHz Channel=39200 RB Size=25 Position=#0



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	2304.99	-34.65	-13	PASS
Band40a	5	38725	25	#0	QAM16	2304.94	-34.77	-13	PASS
Band40a	5	38775	25	#0	QPSK	2315.02	-32.51	-13	PASS
Band40a	5	38775	25	#0	QAM16	2315.00	-31.31	-13	PASS
Band40a	10	38750	50	#0	QPSK	2305.00	-35.67	-13	PASS
Band40a	10	38750	50	#0	QAM16	2305.00	-36.93	-13	PASS
Band40b	5	39175	25	#0	QPSK	2349.96	-36.04	-13	PASS
Band40b	5	39175	25	#0	QAM16	2349.98	-35.02	-13	PASS
Band40b	5	39225	25	#0	QPSK	2360.00	-31.68	-13	PASS
Band40b	5	39225	25	#0	QAM16	2360.02	-33.17	-13	PASS
Band40b	10	39200	50	#0	QPSK	2350.00	-36.72	-13	PASS
Band40b	10	39200	50	#0	QAM16	2349.90	-37.44	-13	PASS

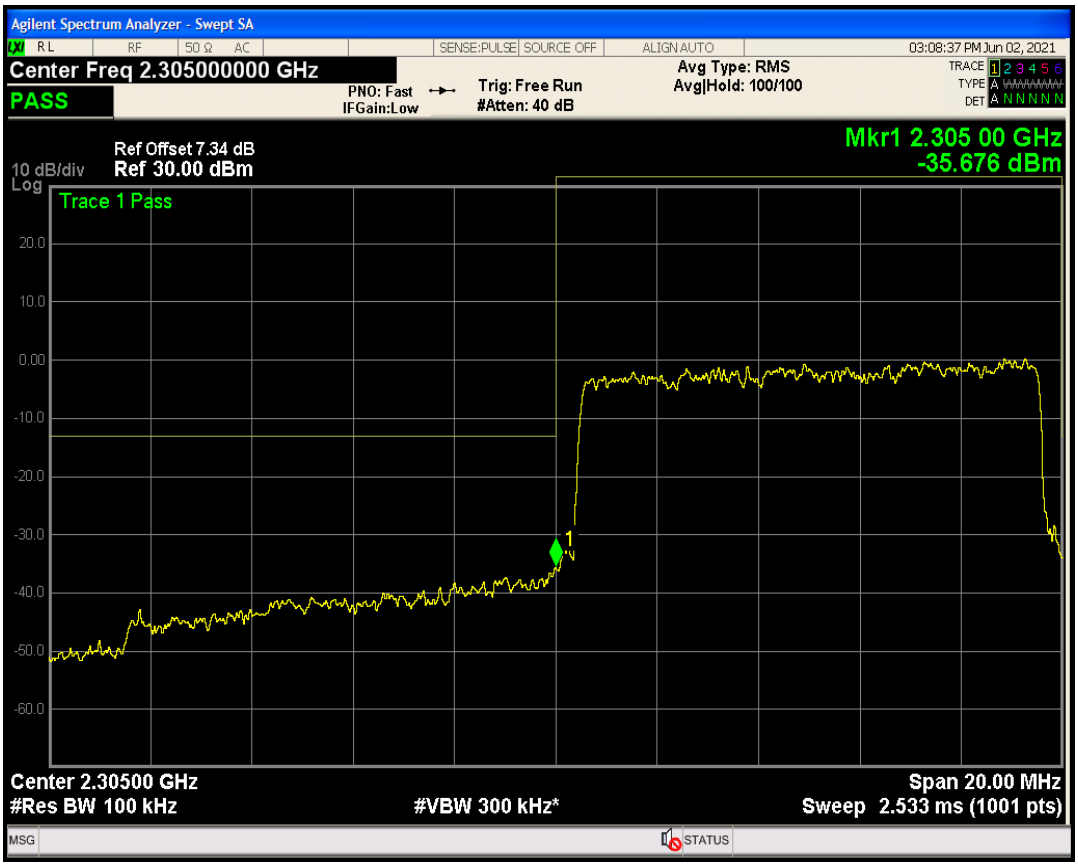
Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0

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

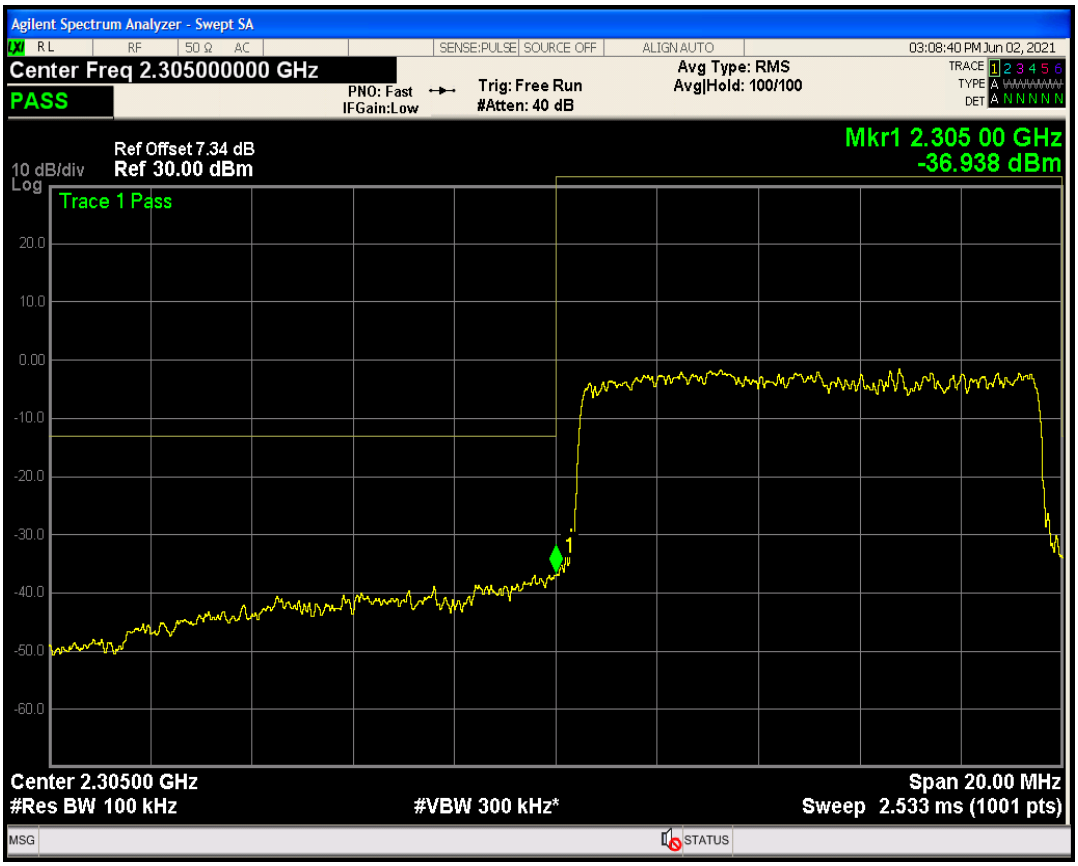
Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0

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

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



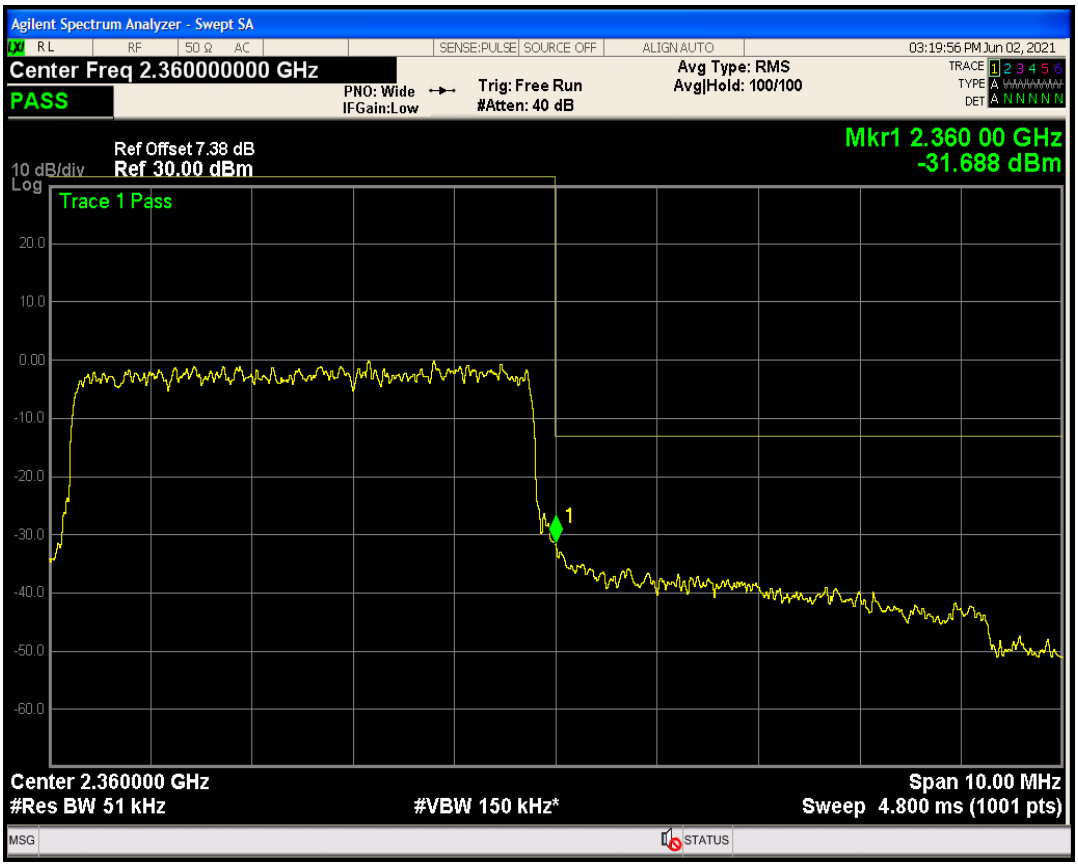
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



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

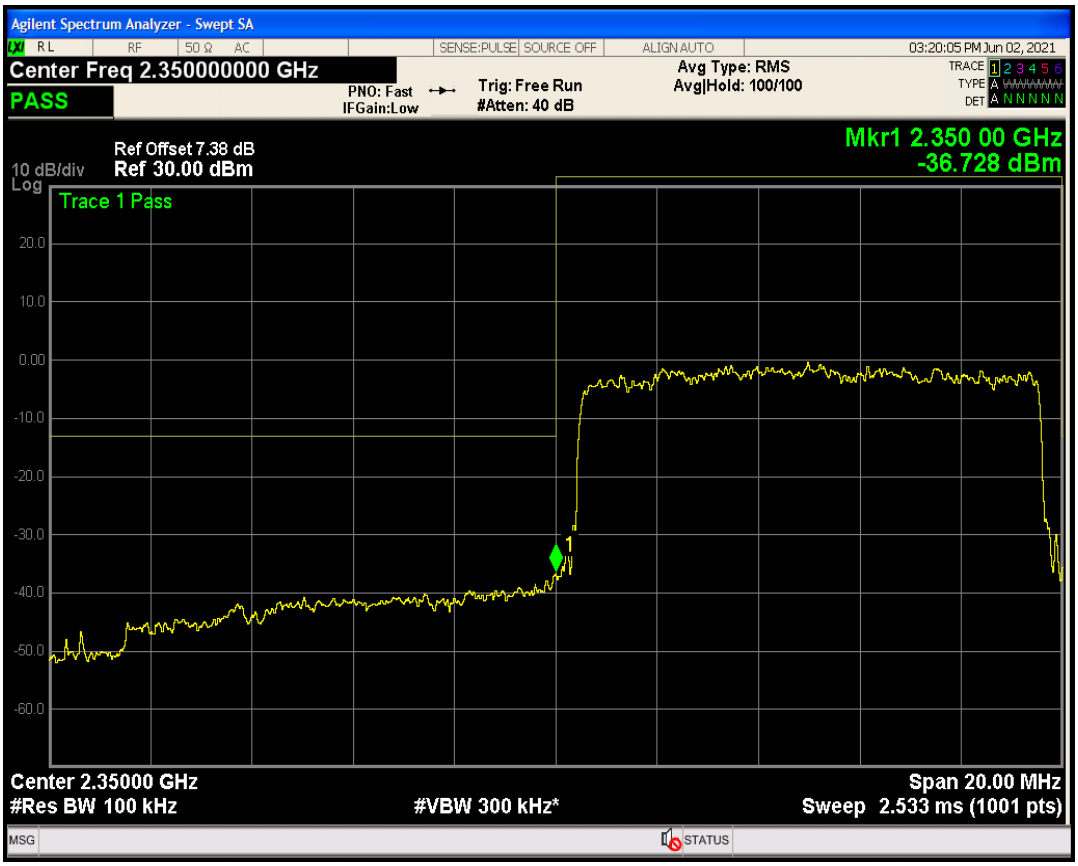
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0

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

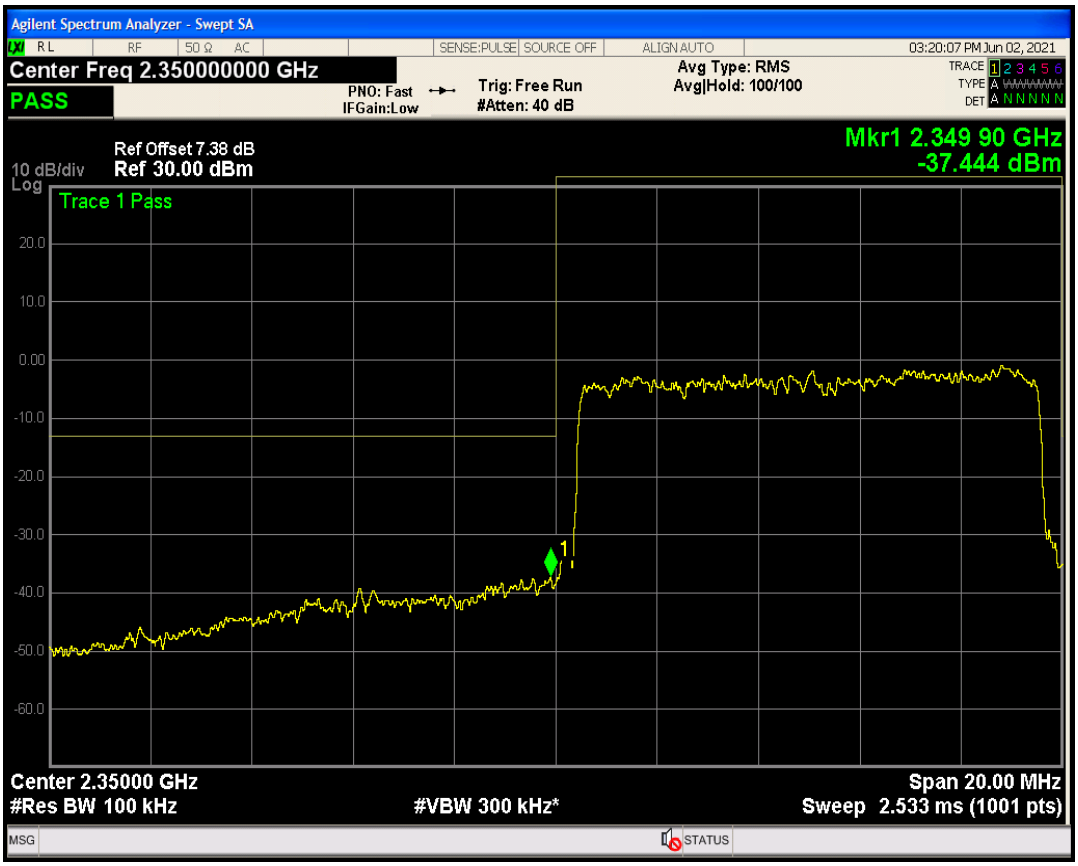


Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0

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



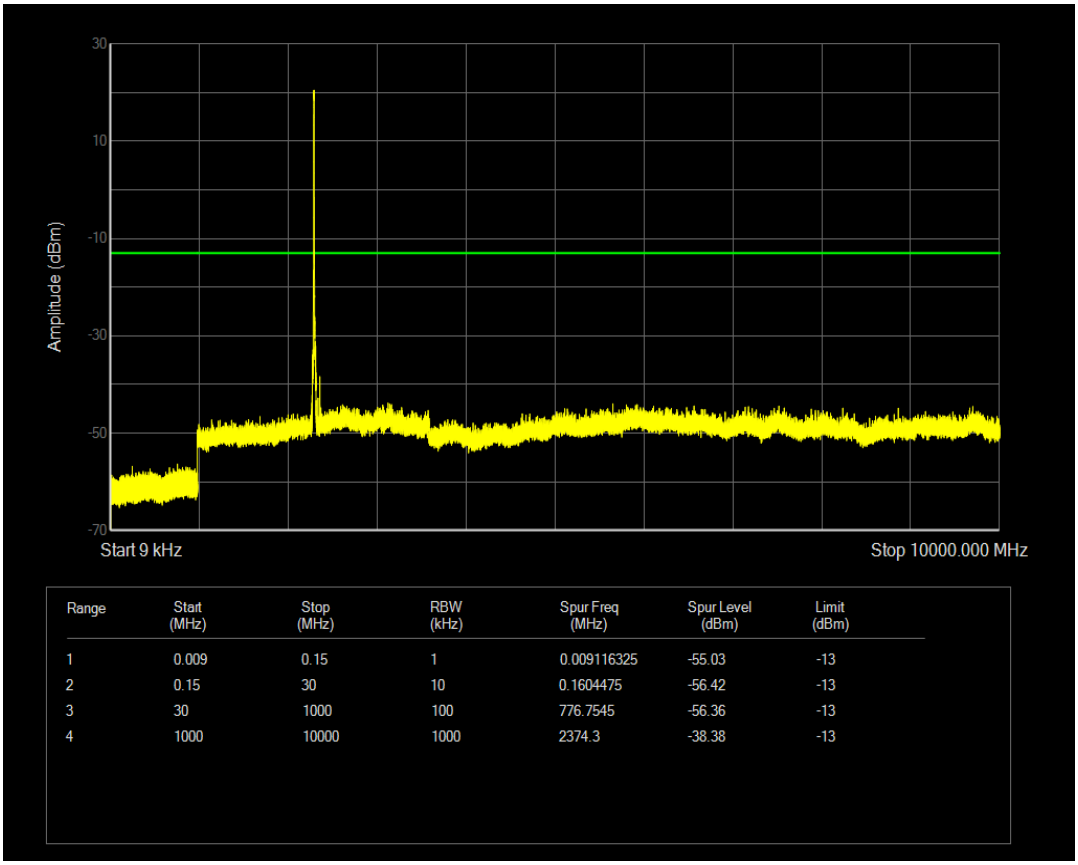
Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0



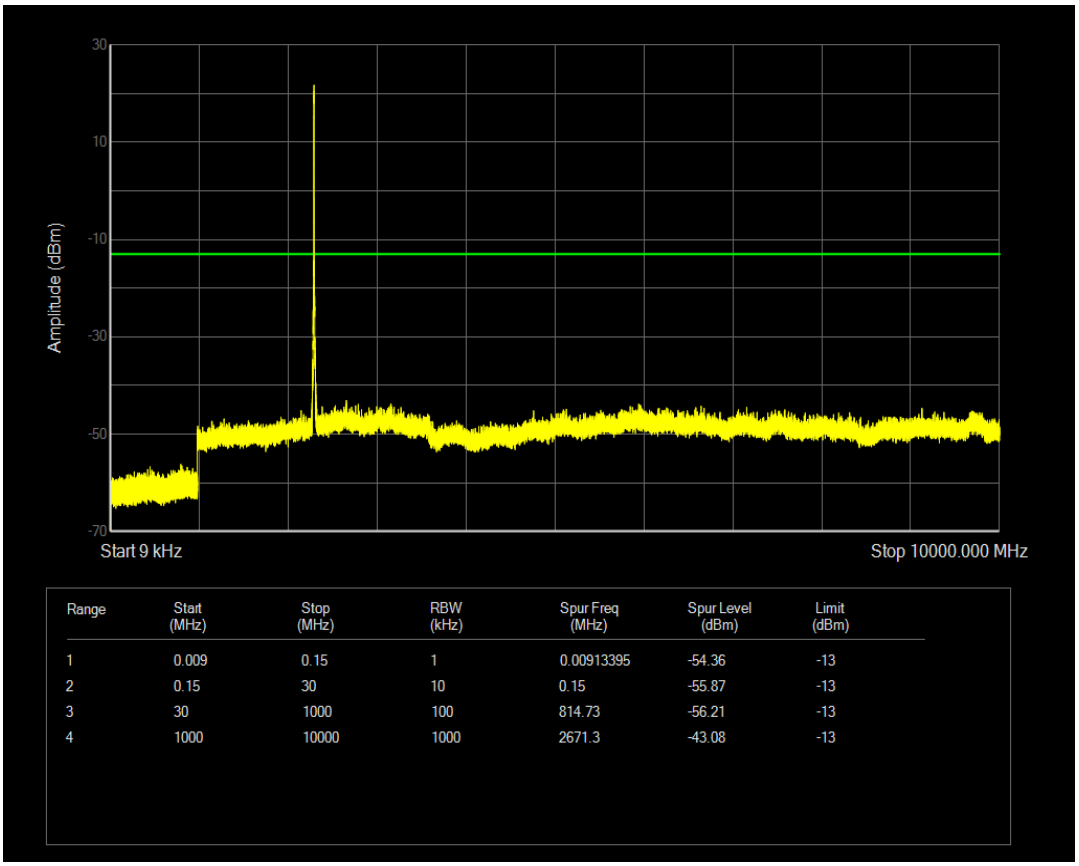
6 Out-of-band emissions

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	2374.30	-38.38	-13	PASS
Band40a	5	38725	25	#0	QAM16	2671.30	-43.08	-13	PASS
Band40a	5	38775	25	#0	QPSK	2335.15	-42.96	-13	PASS
Band40a	5	38775	25	#0	QAM16	3175.98	-42.50	-13	PASS
Band40a	10	38750	50	#0	QPSK	2715.63	-43.71	-13	PASS
Band40a	10	38750	50	#0	QAM16	6045.85	-43.88	-13	PASS
Band40b	5	39175	25	#0	QPSK	2327.05	-40.98	-13	PASS
Band40b	5	39175	25	#0	QAM16	2328.85	-39.37	-13	PASS
Band40b	5	39225	25	#0	QPSK	2382.18	-42.56	-13	PASS
Band40b	5	39225	25	#0	QAM16	2677.15	-43.28	-13	PASS
Band40b	10	39200	50	#0	QPSK	2416.60	-36.33	-13	PASS
Band40b	10	39200	50	#0	QAM16	2309.73	-31.86	-13	PASS

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

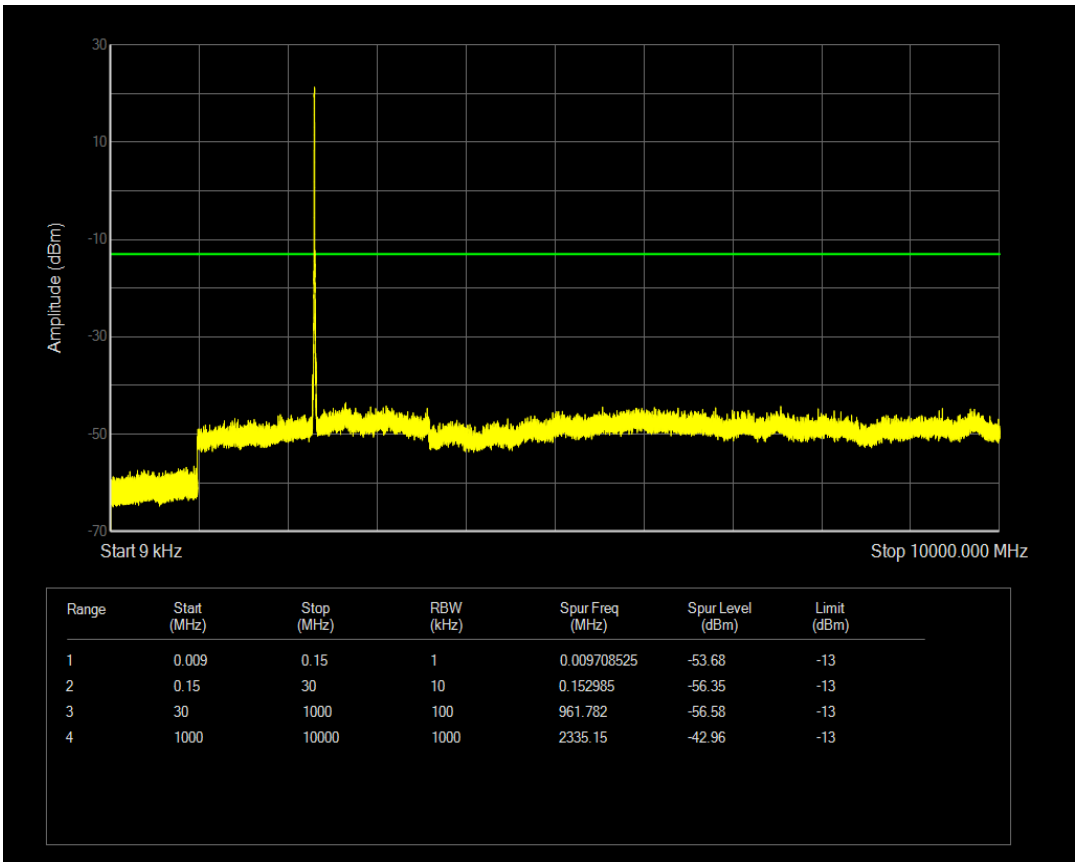


Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



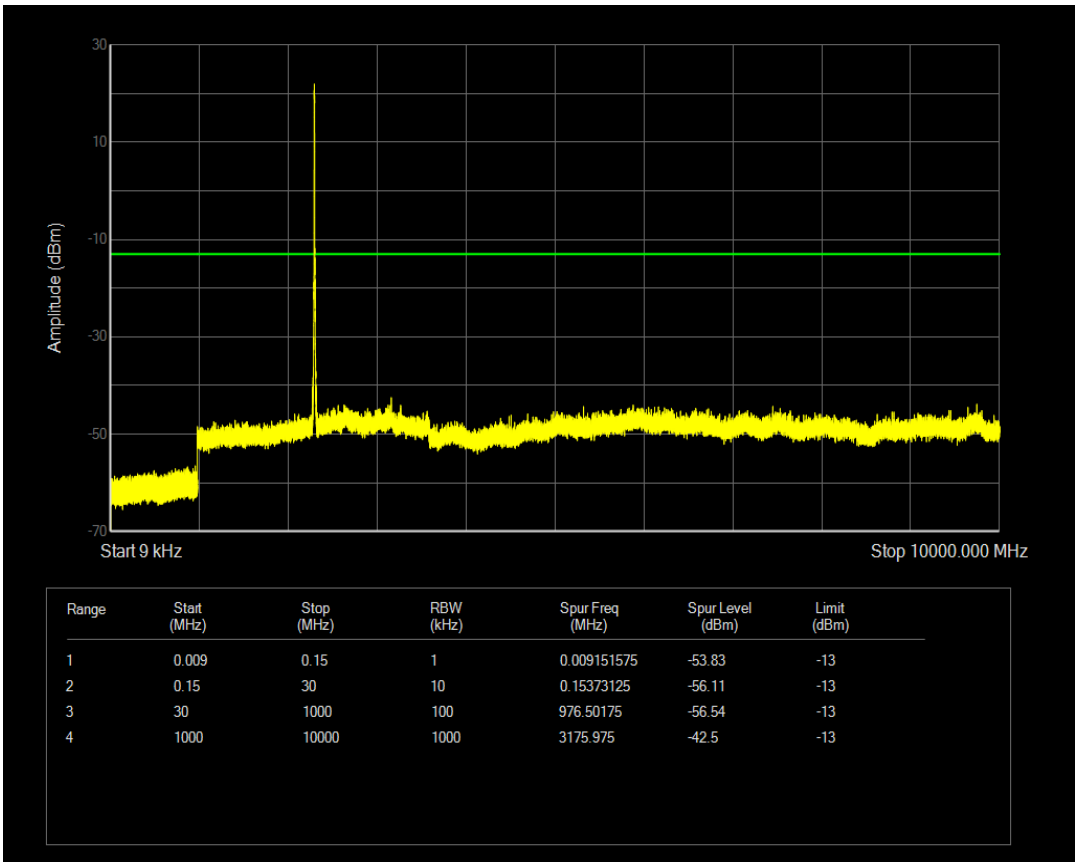
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00913395	-54.36	-13
2	0.15	30	10	0.15	-55.87	-13
3	30	1000	100	814.73	-56.21	-13
4	1000	10000	1000	2671.3	-43.08	-13

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



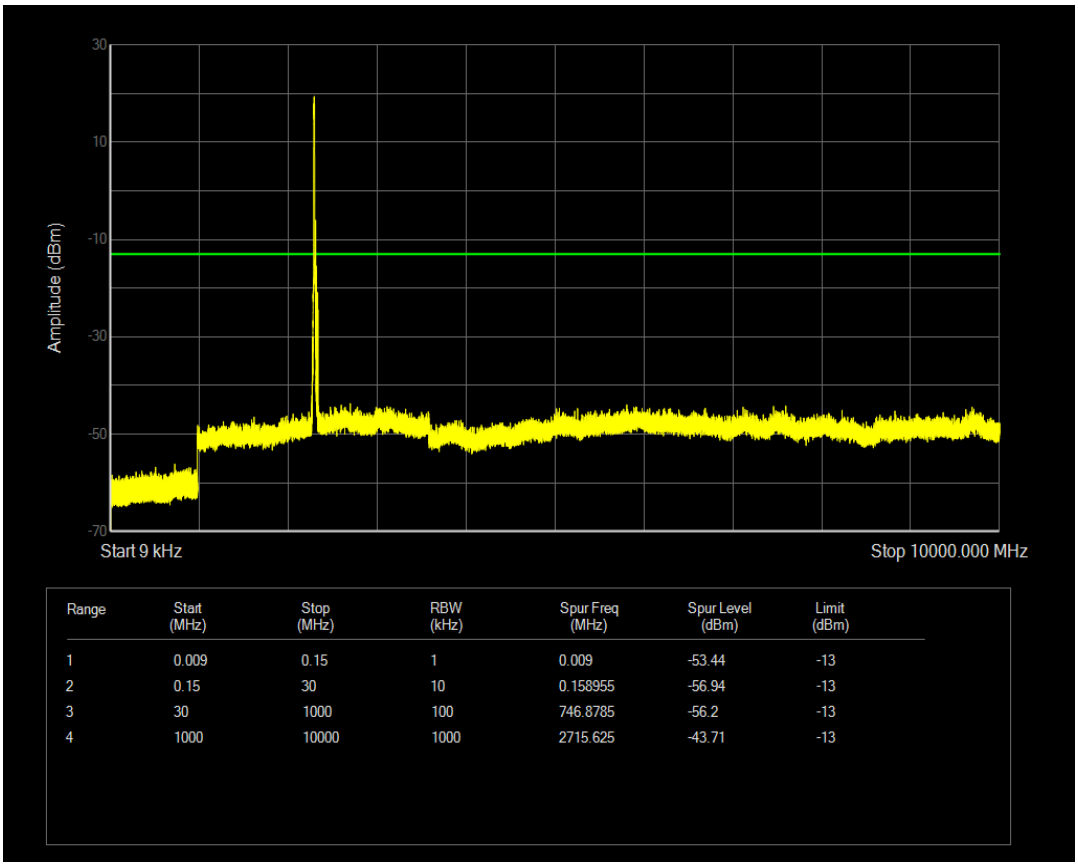
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009708525	-53.68	-13
2	0.15	30	10	0.152985	-56.35	-13
3	30	1000	100	961.782	-56.58	-13
4	1000	10000	1000	2335.15	-42.96	-13

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



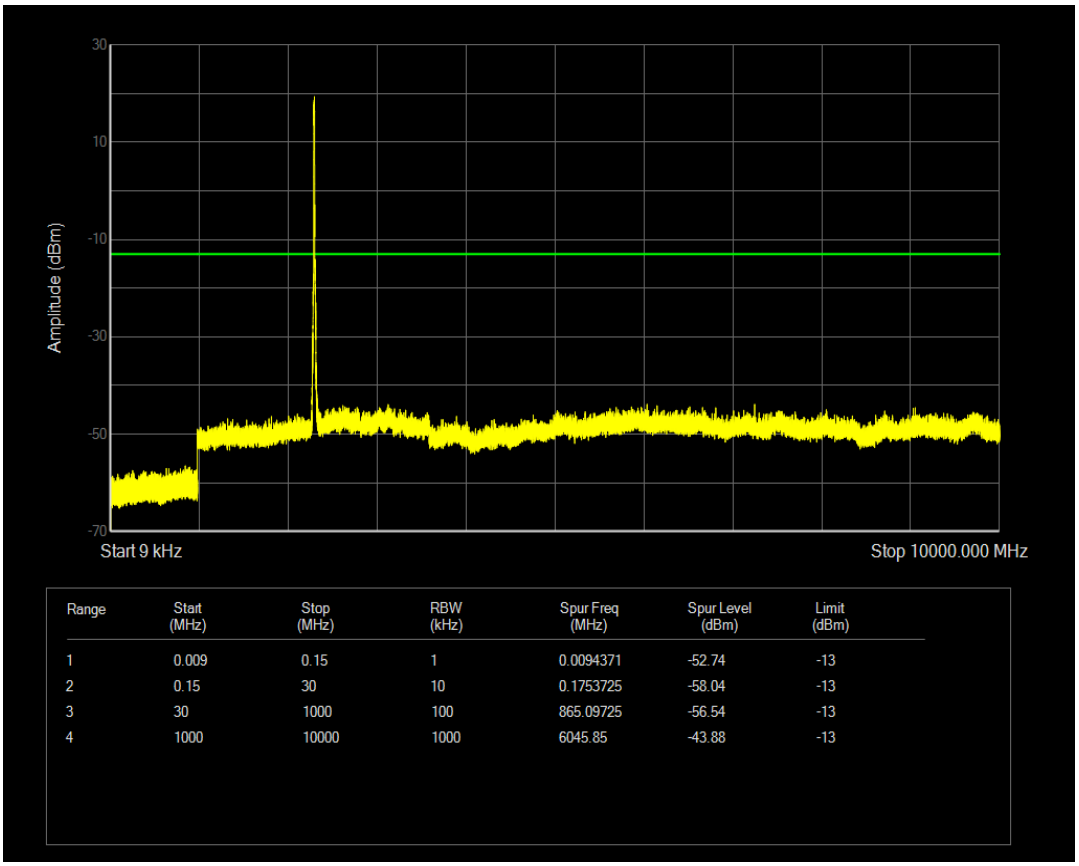
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009151575	-53.83	-13
2	0.15	30	10	0.15373125	-56.11	-13
3	30	1000	100	976.50175	-56.54	-13
4	1000	10000	1000	3175.975	-42.5	-13

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



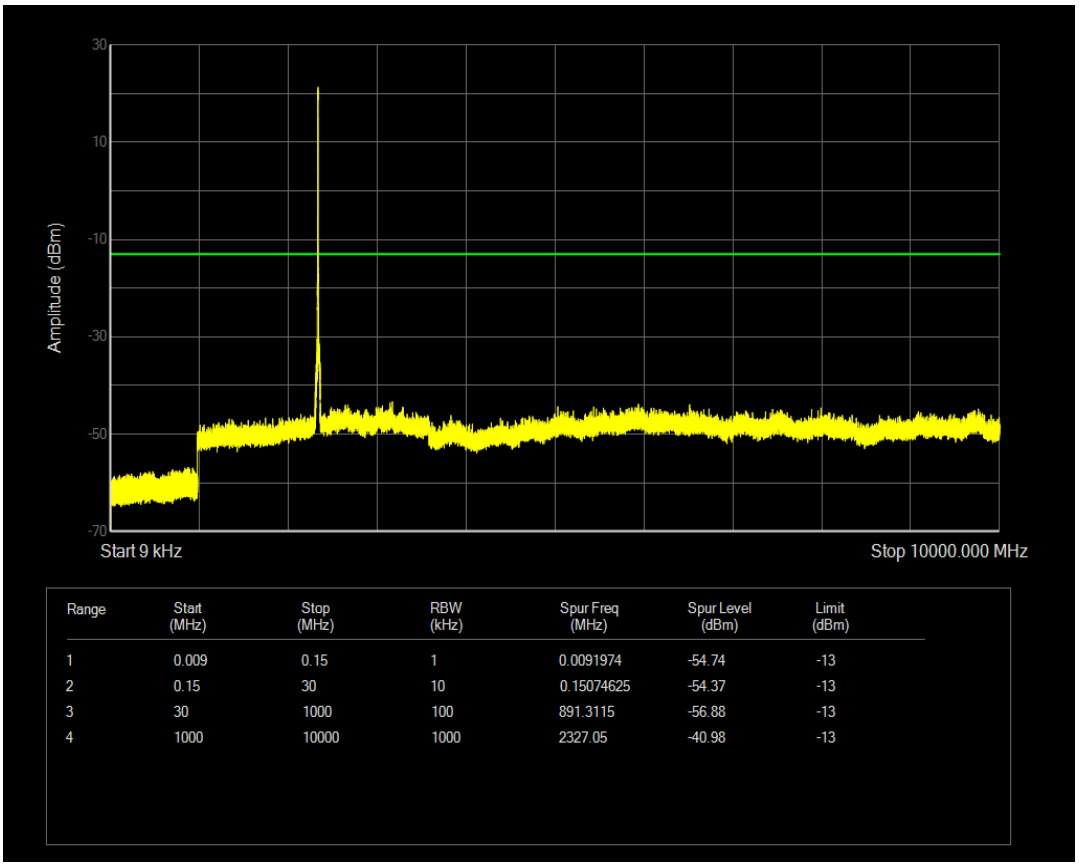
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.44	-13
2	0.15	30	10	0.158955	-56.94	-13
3	30	1000	100	746.8785	-56.2	-13
4	1000	10000	1000	2715.625	-43.71	-13

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



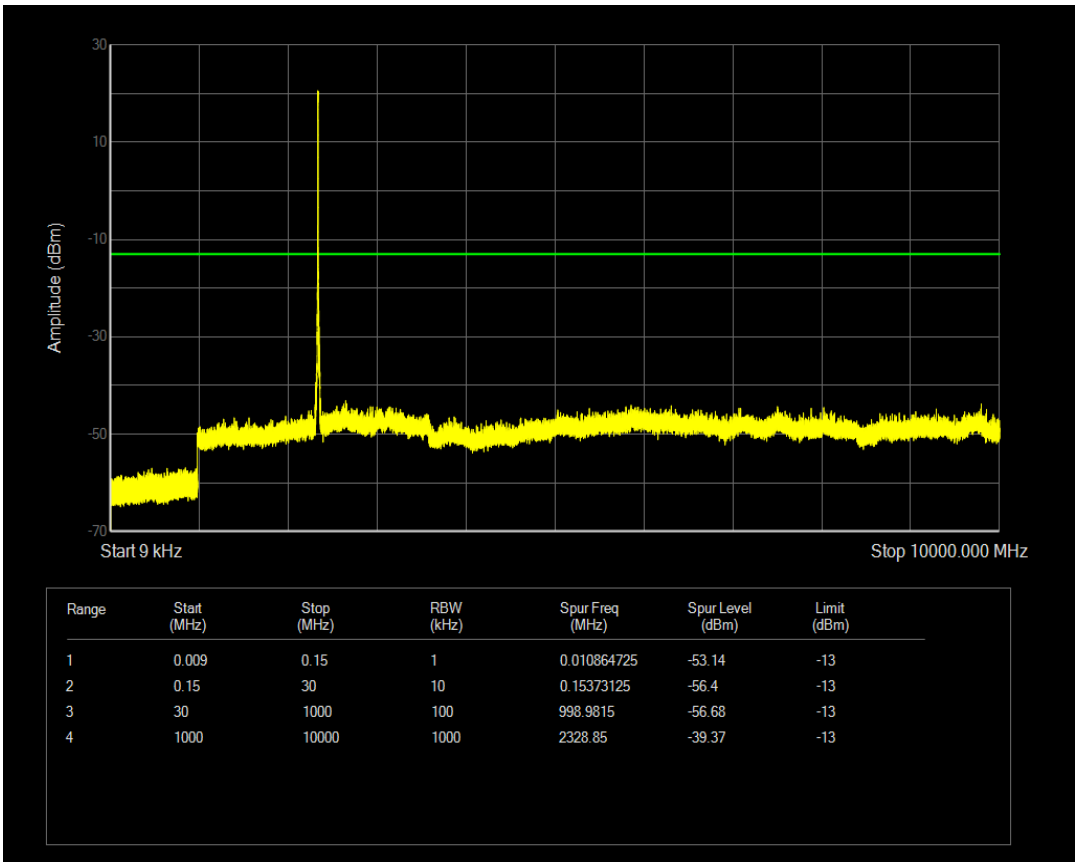
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-52.74	-13
2	0.15	30	10	0.1753725	-58.04	-13
3	30	1000	100	865.09725	-56.54	-13
4	1000	10000	1000	6045.85	-43.88	-13

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



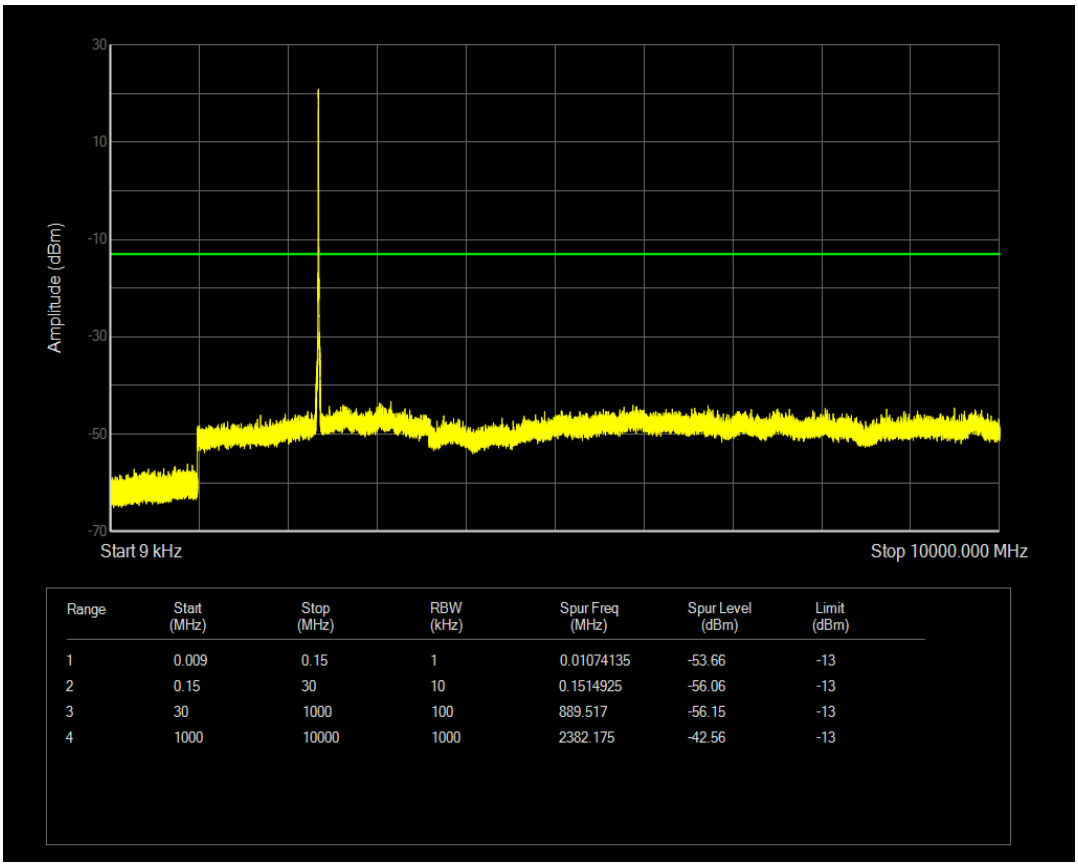
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091974	-54.74	-13
2	0.15	30	10	0.15074625	-54.37	-13
3	30	1000	100	891.3115	-56.88	-13
4	1000	10000	1000	2327.05	-40.98	-13

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



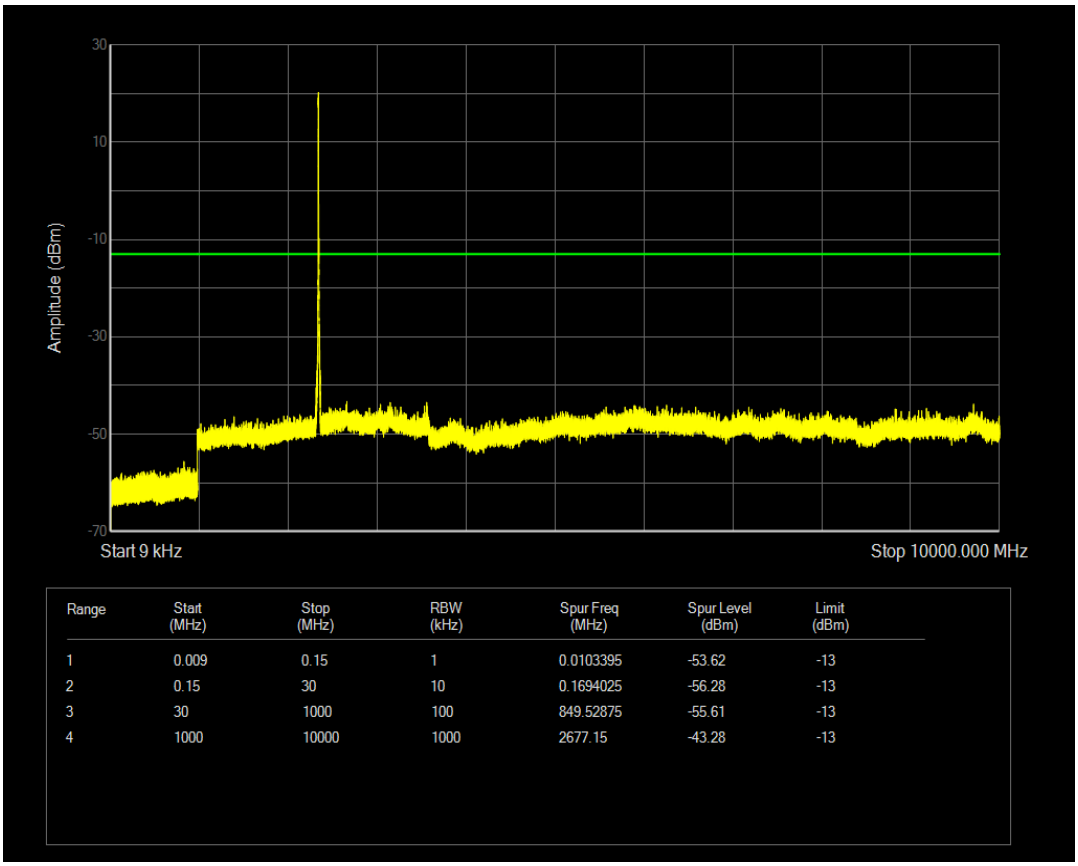
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010864725	-53.14	-13
2	0.15	30	10	0.15373125	-56.4	-13
3	30	1000	100	998.9815	-56.68	-13
4	1000	10000	1000	2328.85	-39.37	-13

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



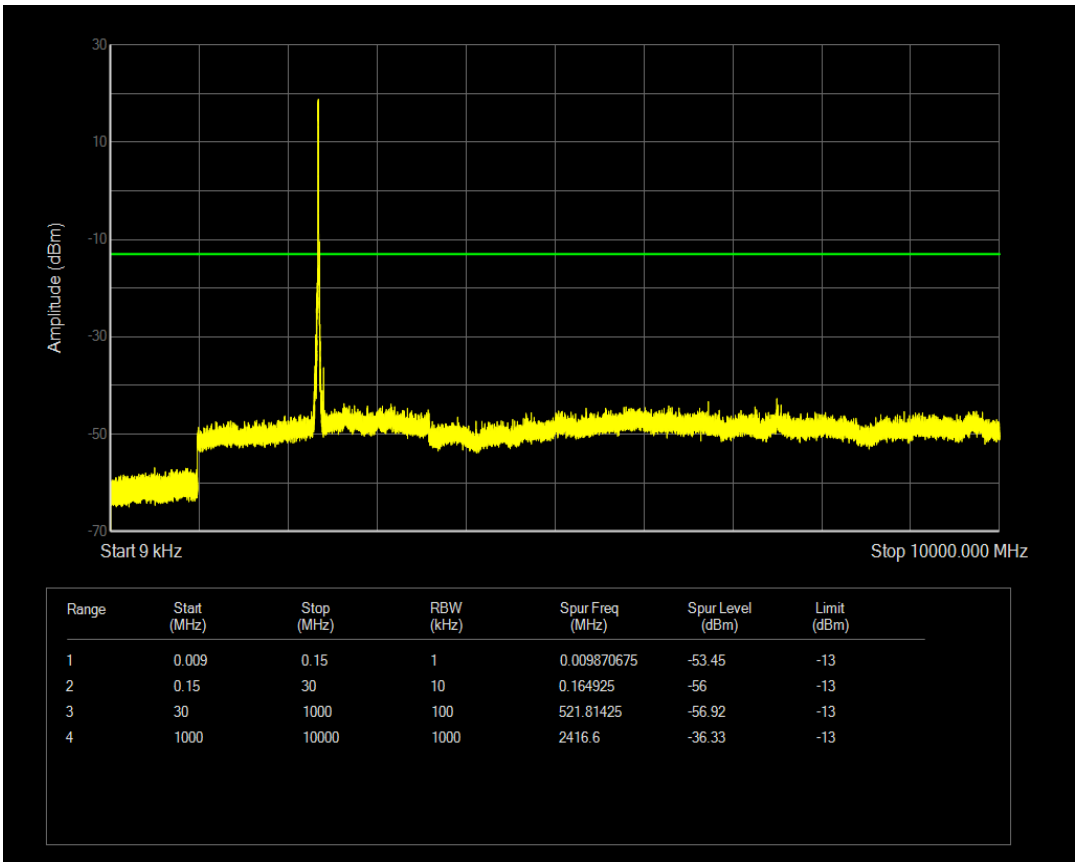
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01074135	-53.66	-13
2	0.15	30	10	0.1514925	-56.06	-13
3	30	1000	100	889.517	-56.15	-13
4	1000	10000	1000	2382.175	-42.56	-13

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



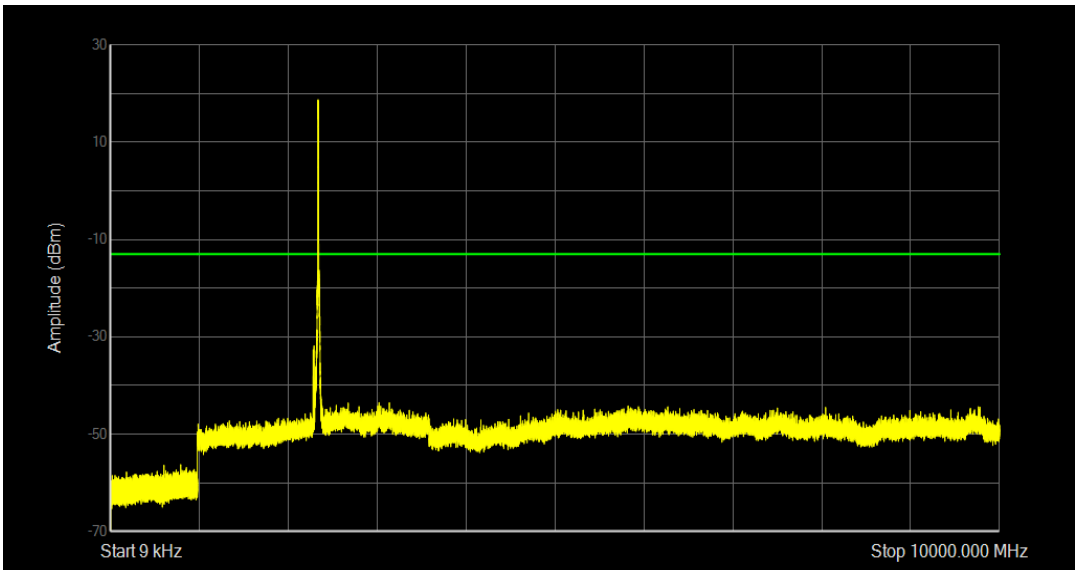
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103395	-53.62	-13
2	0.15	30	10	0.1694025	-56.28	-13
3	30	1000	100	849.52875	-55.61	-13
4	1000	10000	1000	2677.15	-43.28	-13

Band40b QPSK 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	0.009870675	-53.45	-13
2	0.15	30	10	0.164925	-56	-13
3	30	1000	100	521.81425	-56.92	-13
4	1000	10000	1000	2416.6	-36.33	-13

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	0.00948645	-54.55	-13
2	0.15	30	10	0.1514925	-56.21	-13
3	30	1000	100	814.02675	-56.28	-13
4	1000	10000	1000	2309.725	-31.86	-13