

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm)	(Limit) (dBm)	Verdict
Band40a	5	38725	1	#0	QPSK	18.08	23.98	PASS
Band40a	5	38725	1	#Mid	QPSK	18.31	23.98	PASS
Band40a	5	38725	1	#Max	QPSK	18.28	23.98	PASS
Band40a	5	38725	12	#0	QPSK	17.26	23.98	PASS
Band40a	5	38725	12	#Max	QPSK	17.37	23.98	PASS
Band40a	5	38725	25	#0	QPSK	17.31	23.98	PASS
Band40a	5	38725	1	#0	QAM16	17.47	23.98	PASS
Band40a	5	38725	1	#Mid	QAM16	17.70	23.98	PASS
Band40a	5	38725	1	#Max	QAM16	17.65	23.98	PASS
Band40a	5	38725	12	#0	QAM16	17.22	23.98	PASS
Band40a	5	38725	12	#Max	QAM16	17.31	23.98	PASS
Band40a	5	38725	25	#0	QAM16	17.34	23.98	PASS
Band40a	5	38750	1	#0	QPSK	18.20	23.98	PASS
Band40a	5	38750	1	#Mid	QPSK	18.43	23.98	PASS
Band40a	5	38750	1	#Max	QPSK	18.43	23.98	PASS
Band40a	5	38750	12	#0	QPSK	17.36	23.98	PASS
Band40a	5	38750	12	#Max	QPSK	17.50	23.98	PASS
Band40a	5	38750	25	#0	QPSK	17.43	23.98	PASS
Band40a	5	38750	1	#0	QAM16	17.42	23.98	PASS
Band40a	5	38750	1	#Mid	QAM16	17.64	23.98	PASS
Band40a	5	38750	1	#Max	QAM16	17.63	23.98	PASS
Band40a	5	38750	12	#0	QAM16	17.29	23.98	PASS
Band40a	5	38750	12	#Max	QAM16	17.44	23.98	PASS
Band40a	5	38750	25	#0	QAM16	17.43	23.98	PASS
Band40a	5	38775	1	#0	QPSK	18.27	23.98	PASS
Band40a	5	38775	1	#Mid	QPSK	18.53	23.98	PASS
Band40a	5	38775	1	#Max	QPSK	18.48	23.98	PASS
Band40a	5	38775	12	#0	QPSK	17.48	23.98	PASS
Band40a	5	38775	12	#Max	QPSK	17.62	23.98	PASS
Band40a	5	38775	25	#0	QPSK	17.56	23.98	PASS
Band40a	5	38775	1	#0	QAM16	17.60	23.98	PASS
Band40a	5	38775	1	#Mid	QAM16	17.88	23.98	PASS
Band40a	5	38775	1	#Max	QAM16	17.81	23.98	PASS
Band40a	5	38775	12	#0	QAM16	17.52	23.98	PASS
Band40a	5	38775	12	#Max	QAM16	17.64	23.98	PASS
Band40a	5	38775	25	#0	QAM16	17.60	23.98	PASS
Band40a	10	38750	1	#0	QPSK	18.17	23.98	PASS
Band40a	10	38750	1	#Mid	QPSK	18.59	23.98	PASS
Band40a	10	38750	1	#Max	QPSK	18.56	23.98	PASS
Band40a	10	38750	25	#0	QPSK	17.34	23.98	PASS
Band40a	10	38750	25	#Max	QPSK	17.59	23.98	PASS

Band40a	10	38750	50	#0	QPSK	17.47	23.98	PASS
Band40a	10	38750	1	#0	QAM16	17.52	23.98	PASS
Band40a	10	38750	1	#Mid	QAM16	17.93	23.98	PASS
Band40a	10	38750	1	#Max	QAM16	17.95	23.98	PASS
Band40a	10	38750	25	#0	QAM16	17.41	23.98	PASS
Band40a	10	38750	25	#Max	QAM16	17.67	23.98	PASS
Band40a	10	38750	50	#0	QAM16	17.49	23.98	PASS
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm)	(Limit) (dBm)	Verdict
Band40b	5	39175	1	#0	QPSK	18.64	23.98	PASS
Band40b	5	39175	1	#Mid	QPSK	18.80	23.98	PASS
Band40b	5	39175	1	#Max	QPSK	18.70	23.98	PASS
Band40b	5	39175	12	#0	QPSK	17.80	23.98	PASS
Band40b	5	39175	12	#Max	QPSK	17.79	23.98	PASS
Band40b	5	39175	25	#0	QPSK	17.78	23.98	PASS
Band40b	5	39175	1	#0	QAM16	17.89	23.98	PASS
Band40b	5	39175	1	#Mid	QAM16	18.01	23.98	PASS
Band40b	5	39175	1	#Max	QAM16	17.94	23.98	PASS
Band40b	5	39175	12	#0	QAM16	17.74	23.98	PASS
Band40b	5	39175	12	#Max	QAM16	17.73	23.98	PASS
Band40b	5	39175	25	#0	QAM16	17.85	23.98	PASS
Band40b	5	39200	1	#0	QPSK	18.61	23.98	PASS
Band40b	5	39200	1	#Mid	QPSK	18.80	23.98	PASS
Band40b	5	39200	1	#Max	QPSK	18.70	23.98	PASS
Band40b	5	39200	12	#0	QPSK	17.81	23.98	PASS
Band40b	5	39200	12	#Max	QPSK	17.79	23.98	PASS
Band40b	5	39200	25	#0	QPSK	17.90	23.98	PASS
Band40b	5	39200	1	#0	QAM16	17.98	23.98	PASS
Band40b	5	39200	1	#Mid	QAM16	18.14	23.98	PASS
Band40b	5	39200	1	#Max	QAM16	18.05	23.98	PASS
Band40b	5	39200	12	#0	QAM16	17.86	23.98	PASS
Band40b	5	39200	12	#Max	QAM16	17.84	23.98	PASS
Band40b	5	39200	25	#0	QAM16	17.88	23.98	PASS
Band40b	5	39225	1	#0	QPSK	18.73	23.98	PASS
Band40b	5	39225	1	#Mid	QPSK	18.87	23.98	PASS
Band40b	5	39225	1	#Max	QPSK	18.78	23.98	PASS
Band40b	5	39225	12	#0	QPSK	17.88	23.98	PASS
Band40b	5	39225	12	#Max	QPSK	17.84	23.98	PASS
Band40b	5	39225	25	#0	QPSK	17.90	23.98	PASS
Band40b	5	39225	1	#0	QAM16	18.13	23.98	PASS
Band40b	5	39225	1	#Mid	QAM16	18.27	23.98	PASS
Band40b	5	39225	1	#Max	QAM16	18.16	23.98	PASS
Band40b	5	39225	12	#0	QAM16	17.84	23.98	PASS
Band40b	5	39225	12	#Max	QAM16	17.81	23.98	PASS

Band40b	5	39225	25	#0	QAM16	17.94	23.98	PASS
Band40b	10	39200	1	#0	QPSK	18.68	23.98	PASS
Band40b	10	39200	1	#Mid	QPSK	18.00	23.98	PASS
Band40b	10	39200	1	#Max	QPSK	18.81	23.98	PASS
Band40b	10	39200	25	#0	QPSK	17.91	23.98	PASS
Band40b	10	39200	25	#Max	QPSK	17.86	23.98	PASS
Band40b	10	39200	50	#0	QPSK	17.92	23.98	PASS
Band40b	10	39200	1	#0	QAM16	18.10	23.98	PASS
Band40b	10	39200	1	#Mid	QAM16	18.38	23.98	PASS
Band40b	10	39200	1	#Max	QAM16	18.19	23.98	PASS
Band40b	10	39200	25	#0	QAM16	17.01	23.98	PASS
Band40b	10	39200	25	#Max	QAM16	17.95	23.98	PASS
Band40b	10	39200	50	#0	QAM16	17.88	23.98	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band40a	10	38750	50	#0	QPSK	VL	NT	-2.98	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VN	NT	-2.88	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VH	NT	-2.61	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	50	-4.14	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	40	-3.47	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	30	-4.43	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	20	-4.86	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	10	-4.93	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	0	-2.11	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-10	-5.59	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-20	-0.85	0.000	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-30	-3.60	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VL	NT	-1.35	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VN	NT	-4.96	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VH	NT	-0.82	0.000	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	50	-1.78	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	40	-3.90	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	30	-2.47	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	20	-2.84	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	10	-3.76	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	0	-0.20	0.000	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-10	-1.35	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-20	-3.87	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-30	-1.68	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VL	NT	-8.78	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VN	NT	-9.89	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VH	NT	-12.23	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	50	-7.89	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	40	-10.14	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	30	-12.04	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	20	-9.24	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	10	-6.63	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	0	-12.34	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-10	-11.24	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-20	-8.02	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-30	-10.52	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VL	NT	-10.21	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VN	NT	-6.33	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VH	NT	-10.42	-0.004	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	50	-11.55	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	40	-10.60	-0.005	±2.5	PASS

Band40b	10	39200	50	#0	QAM16	NV	30	-10.70	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	20	-5.86	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	10	-11.20	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	0	-10.60	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-10	-6.93	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-20	-10.82	-0.005	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-30	-9.09	-0.004	±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	10.05	13	PASS
Band40a	5	38750	1	#0	QAM16	9.11	13	PASS
Band40a	10	38750	1	#0	QPSK	9.69	13	PASS
Band40a	10	38750	1	#0	QAM16	11.03	13	PASS
Band40b	5	39200	1	#0	QPSK	9.40	13	PASS
Band40b	5	39200	1	#0	QAM16	9.91	13	PASS
Band40b	10	39200	1	#0	QPSK	9.31	13	PASS
Band40b	10	39200	1	#0	QAM16	9.98	13	PASS

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



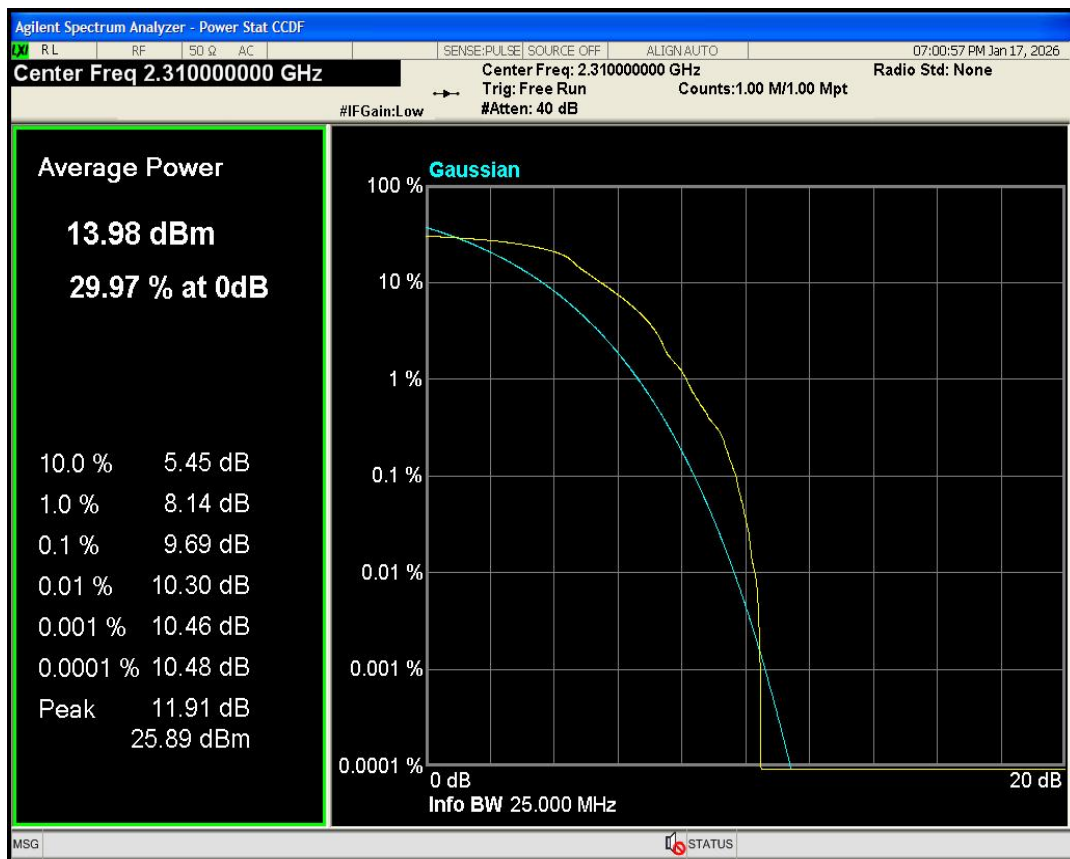
Band40a QAM16 BW=5MHz Channel=38750 RB Size=1 Position=#0



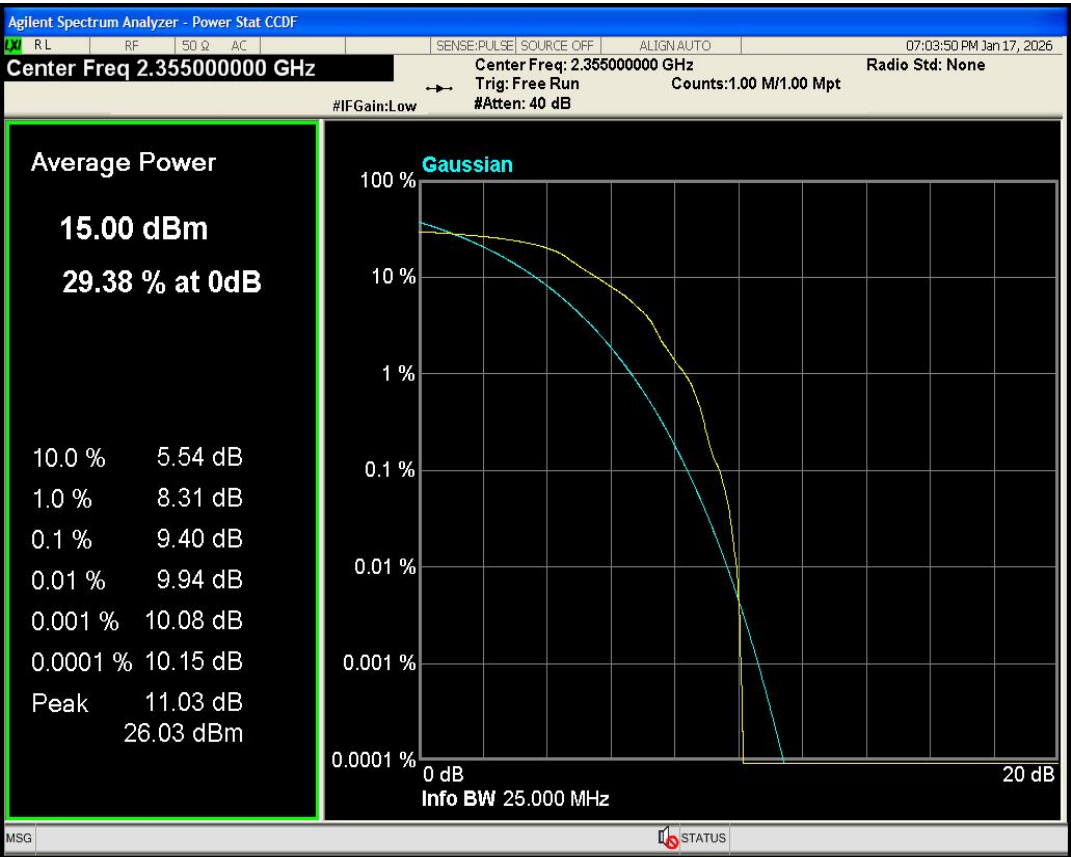
Band40a QAM16 BW=10MHz Channel=38750 RB Size=1 Position=#0



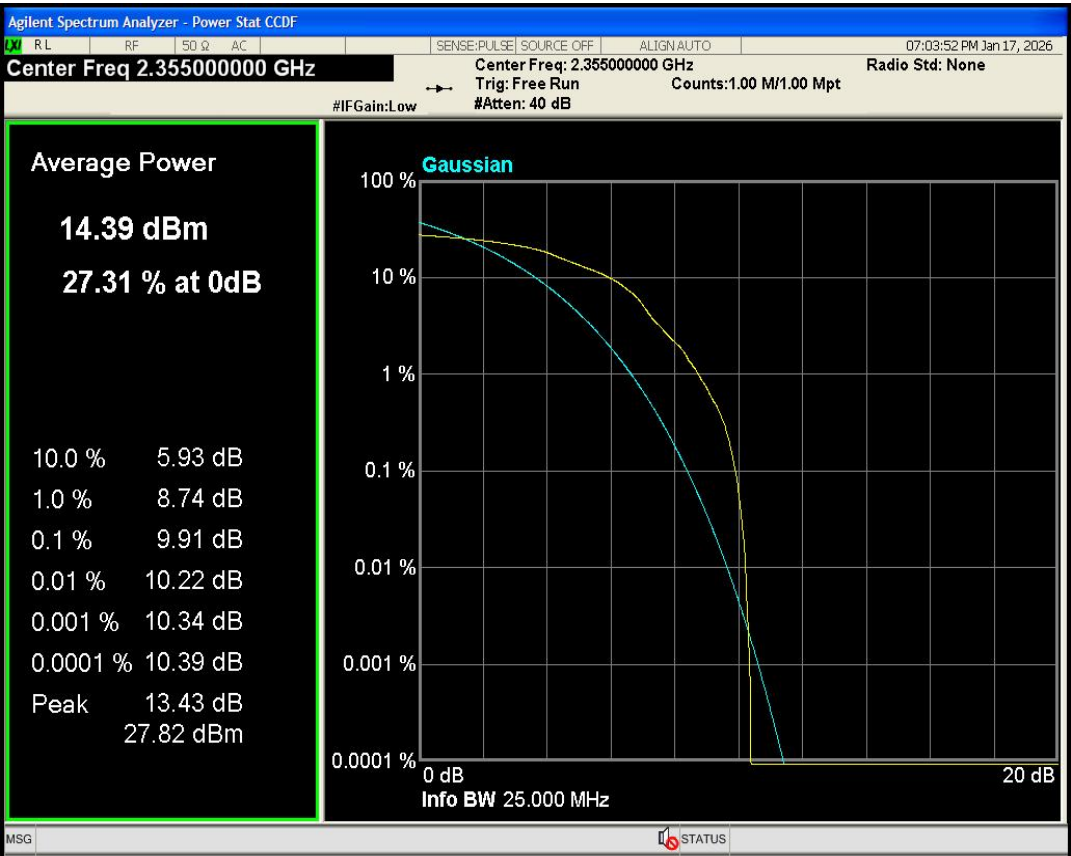
Band40a QPSK BW=10MHz Channel=38750 RB Size=1 Position=#0



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



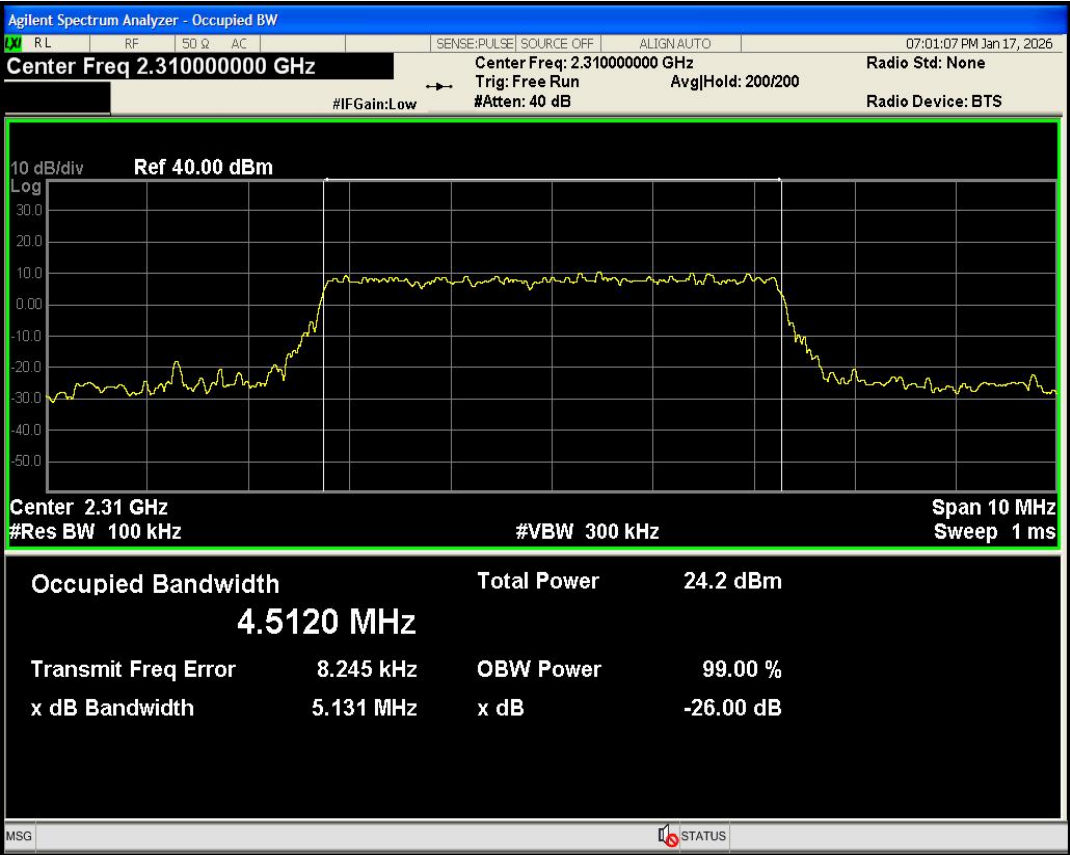
Band40b QAM16 BW=10MHz Channel=39200 RB Size=1 Position=#0



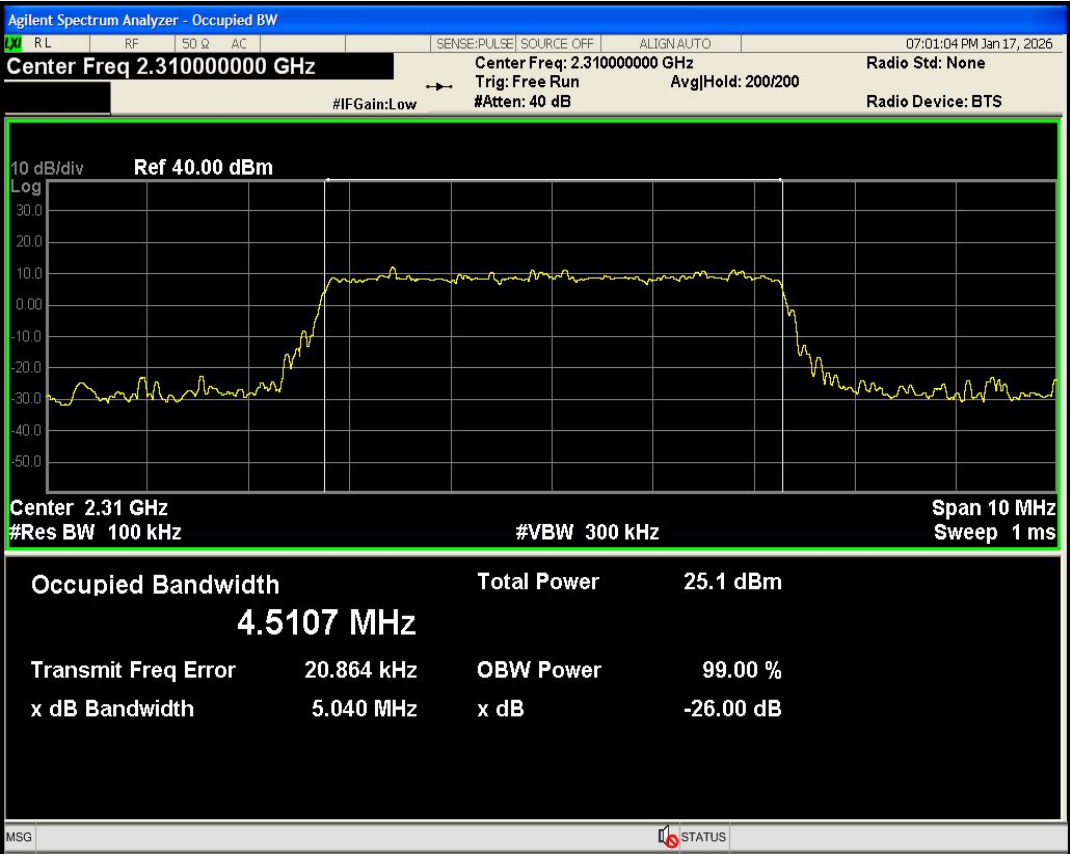
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band40a	5	38750	25	#0	QPSK	4.511	5.040	PASS
Band40a	5	38750	25	#0	QAM16	4.512	5.131	PASS
Band40a	10	38750	50	#0	QPSK	9.006	10.004	PASS
Band40a	10	38750	50	#0	QAM16	9.023	11.293	PASS
Band40b	5	39200	25	#0	QPSK	4.512	5.161	PASS
Band40b	5	39200	25	#0	QAM16	4.518	5.124	PASS
Band40b	10	39200	50	#0	QPSK	9.004	10.128	PASS
Band40b	10	39200	50	#0	QAM16	9.010	9.966	PASS

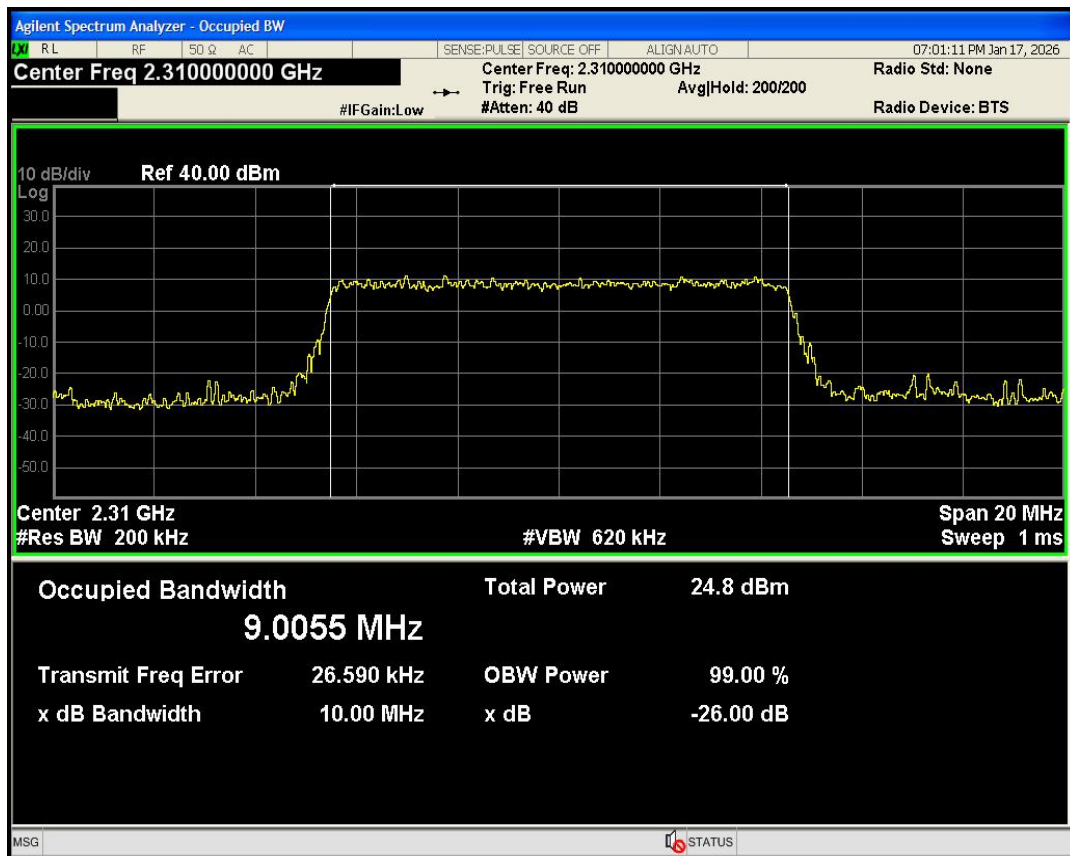
Band40a QAM16 BW=5MHz Channel=38750 RB Size=25 Position=#0



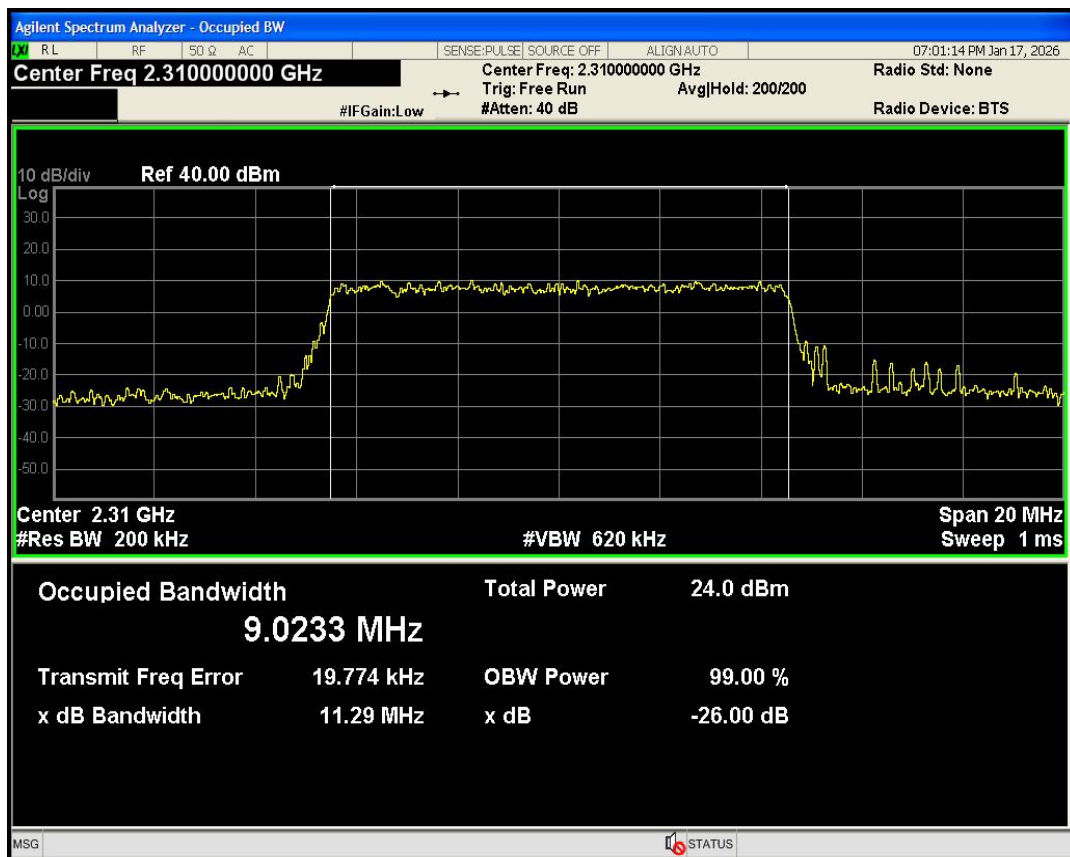
Band40a QPSK BW=5MHz Channel=38750 RB Size=25 Position=#0



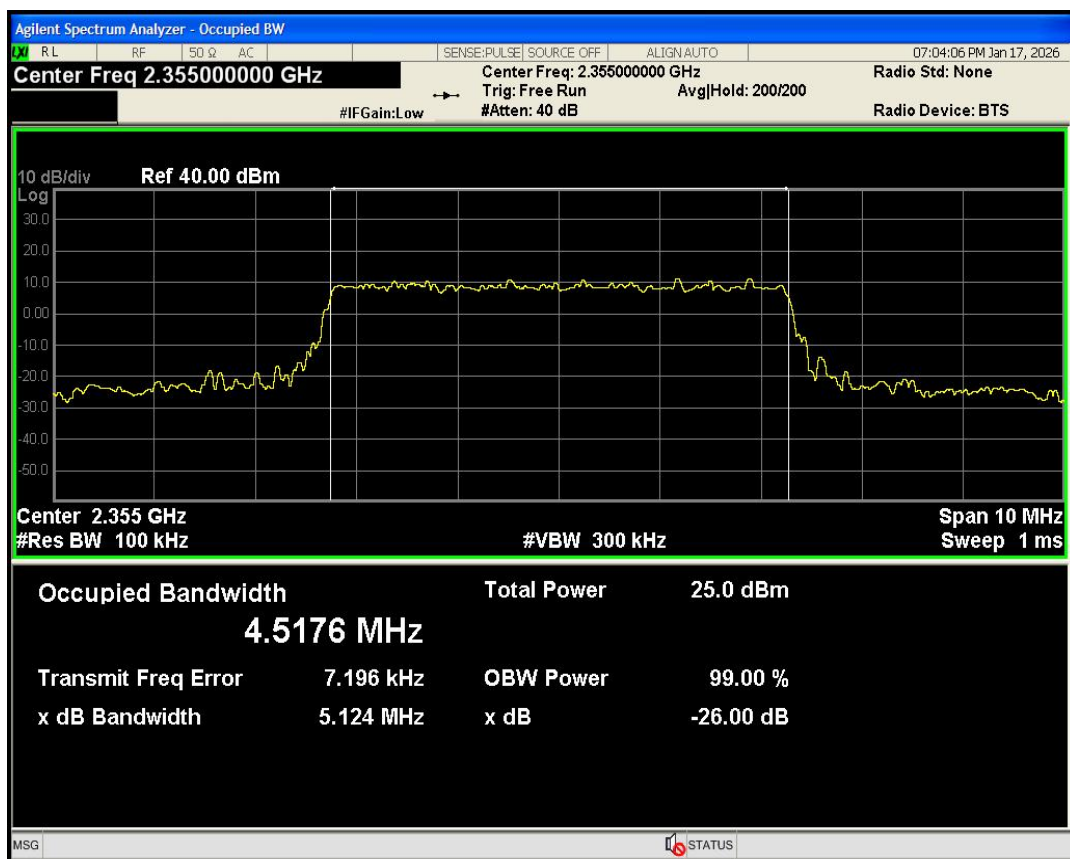
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



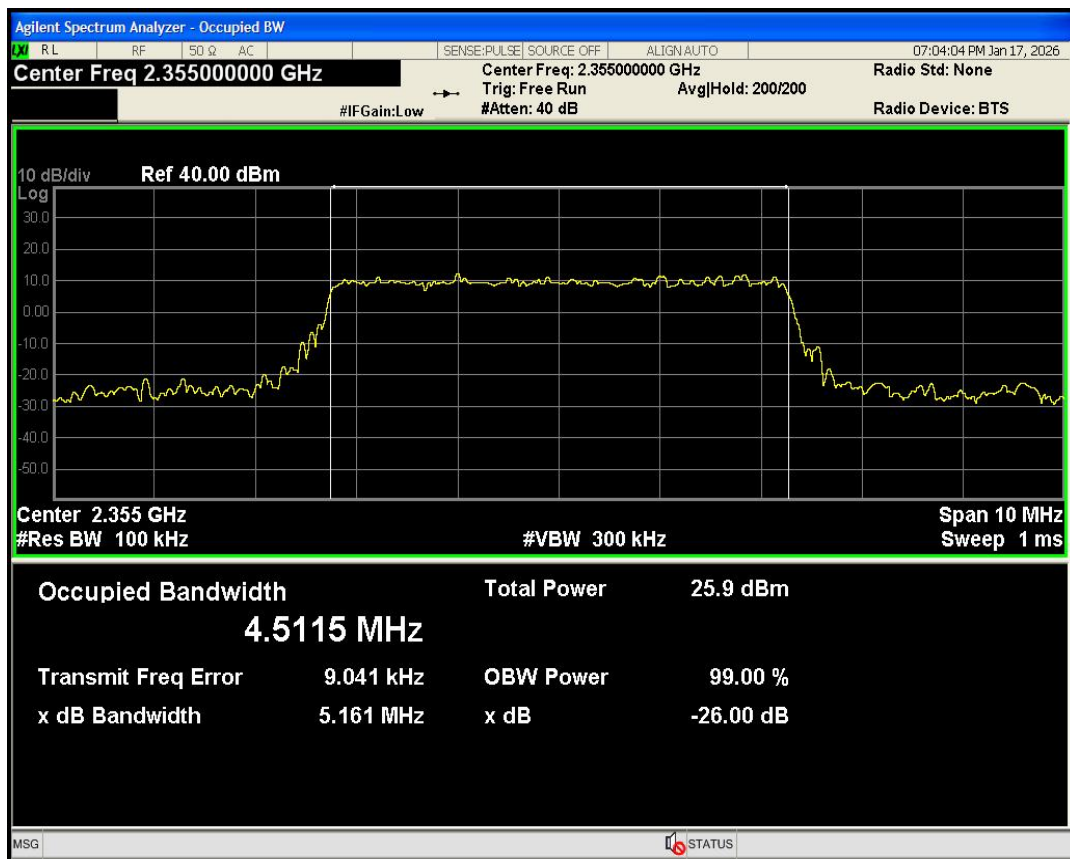
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



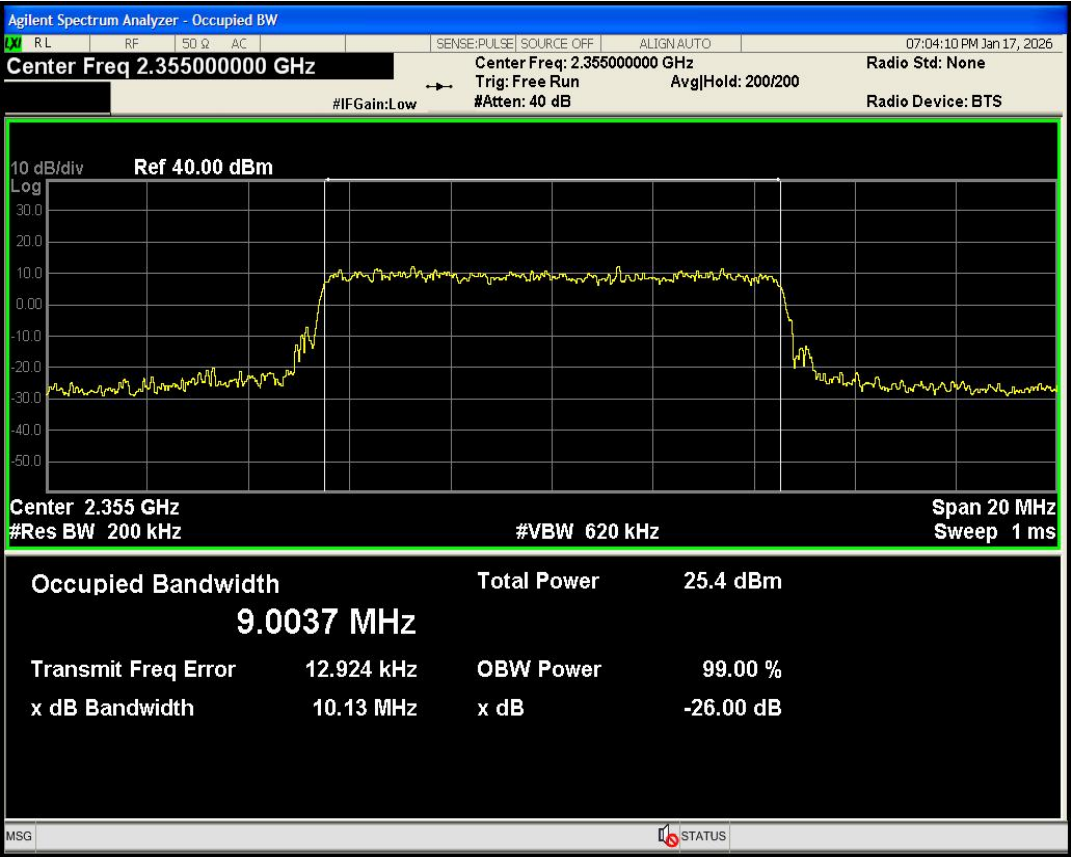
Band40b QAM16 BW=5MHz Channel=39200 RB Size=25 Position=#0



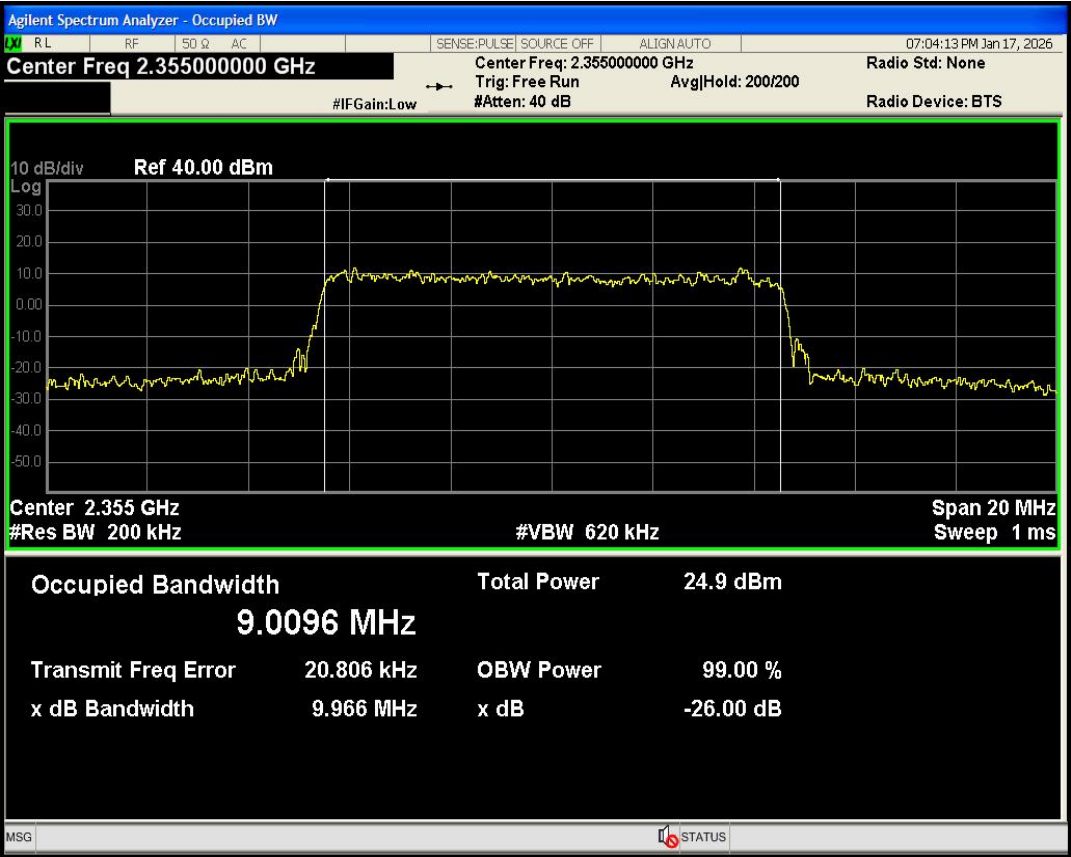
Band40b QPSK BW=5MHz Channel=39200 RB Size=25 Position=#0



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



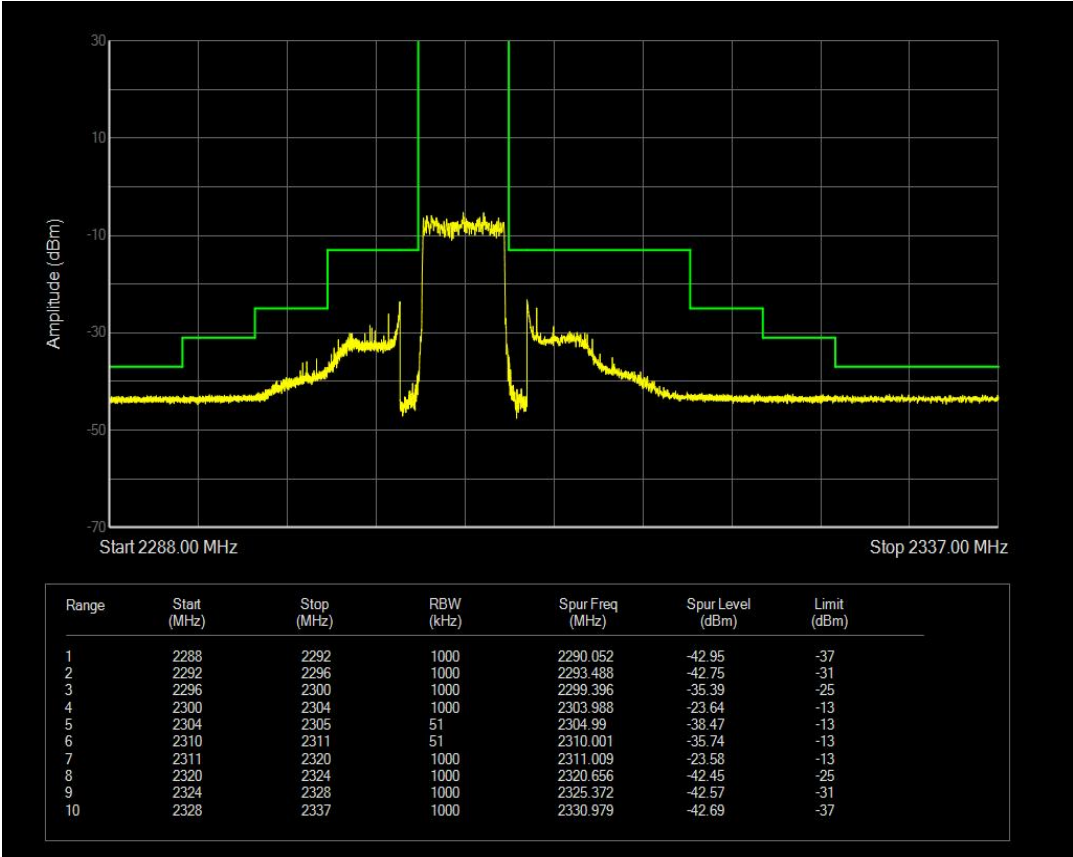
Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0



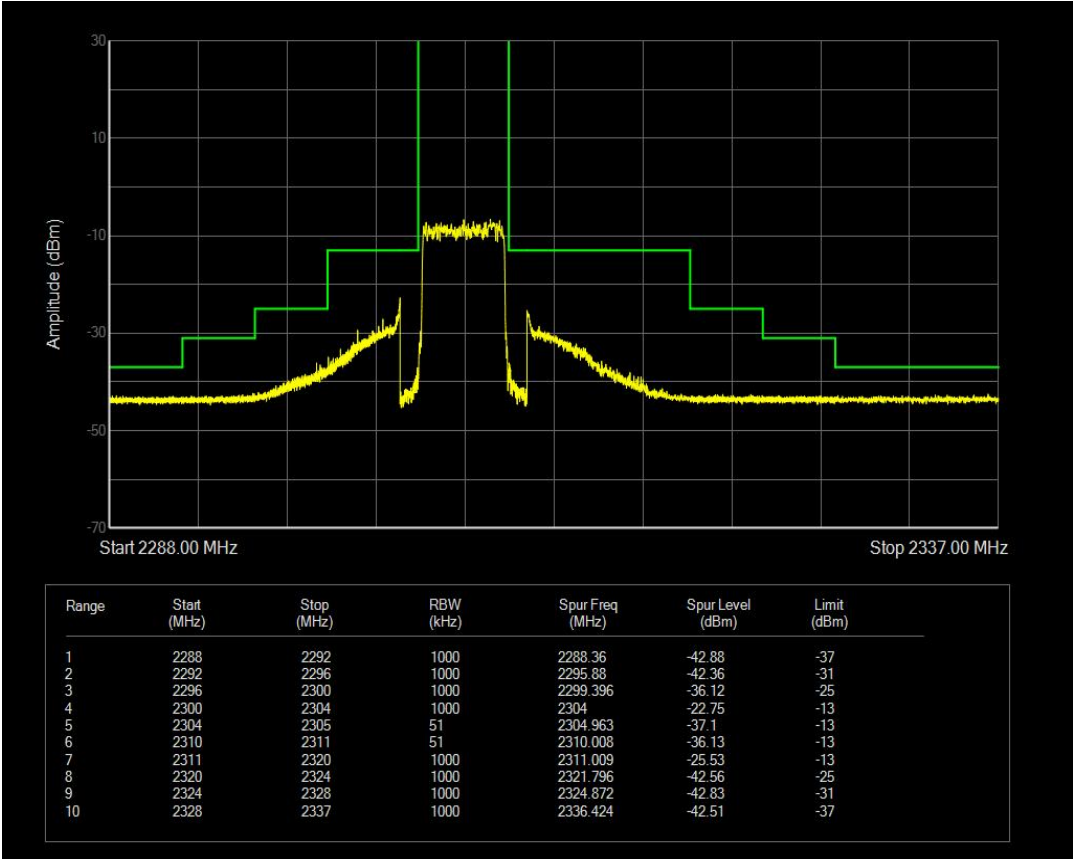
5 Band edge

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	2330.98	-42.69	-37	PASS
Band40a	5	38725	25	#0	QAM16	2336.42	-42.51	-37	PASS
Band40a	5	38775	25	#0	QPSK	2330.71	-42.47	-37	PASS
Band40a	5	38775	25	#0	QAM16	2332.56	-42.55	-37	PASS
Band40a	10	38750	50	#0	QPSK	2328.95	-39.12	-37	PASS
Band40a	10	38750	50	#0	QAM16	2328.08	-40.04	-37	PASS
Band40b	5	39175	25	#0	QPSK	2371.15	-42.38	-40	PASS
Band40b	5	39175	25	#0	QAM16	2375.17	-42.04	-40	PASS
Band40b	5	39225	25	#0	QPSK	2365.32	-41.84	-40	PASS
Band40b	5	39225	25	#0	QAM16	2365.44	-41.71	-40	PASS
Band40b	10	39200	50	#0	QPSK	2372.94	-42.38	-40	PASS
Band40b	10	39200	50	#0	QAM16	2366.29	-42.34	-40	PASS

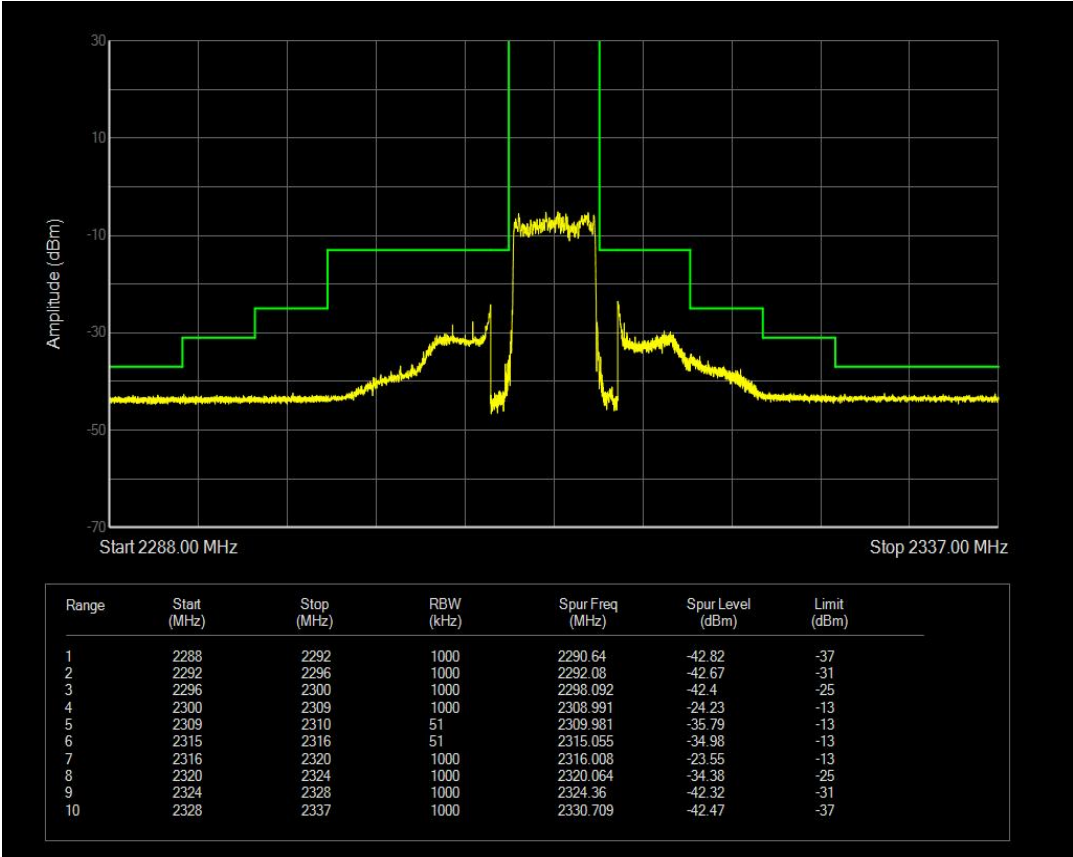
Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



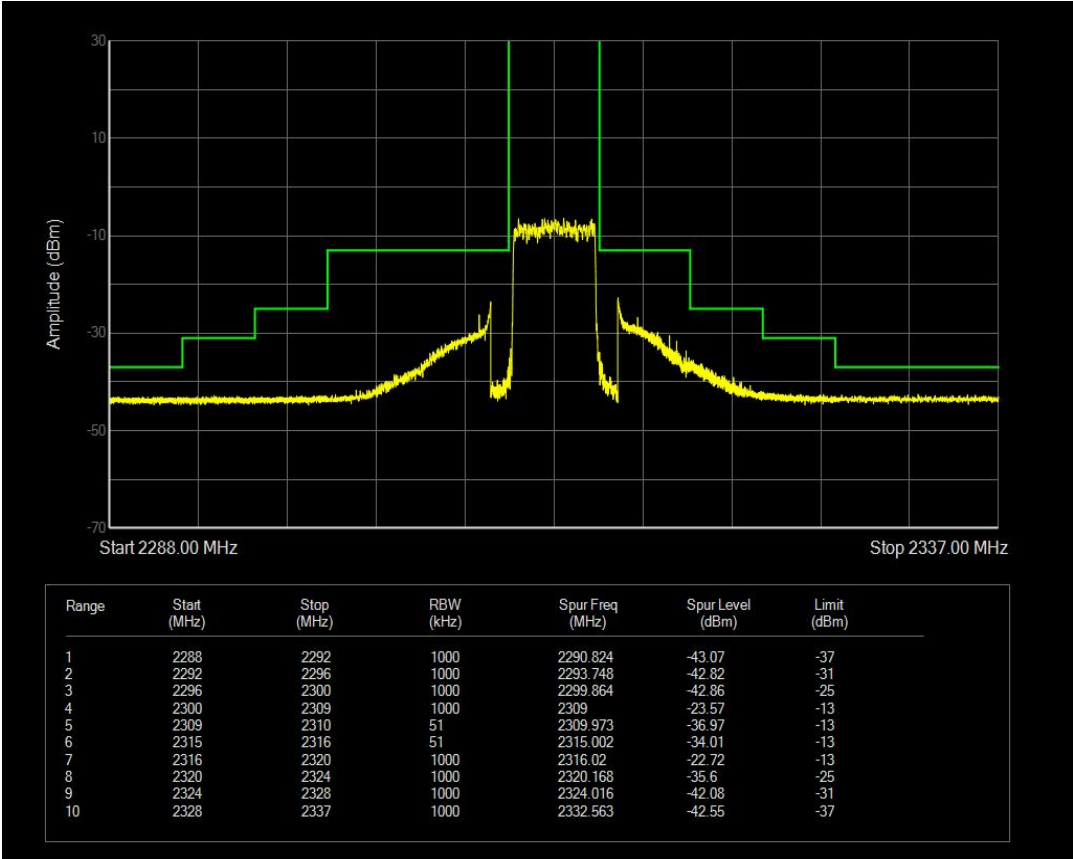
Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



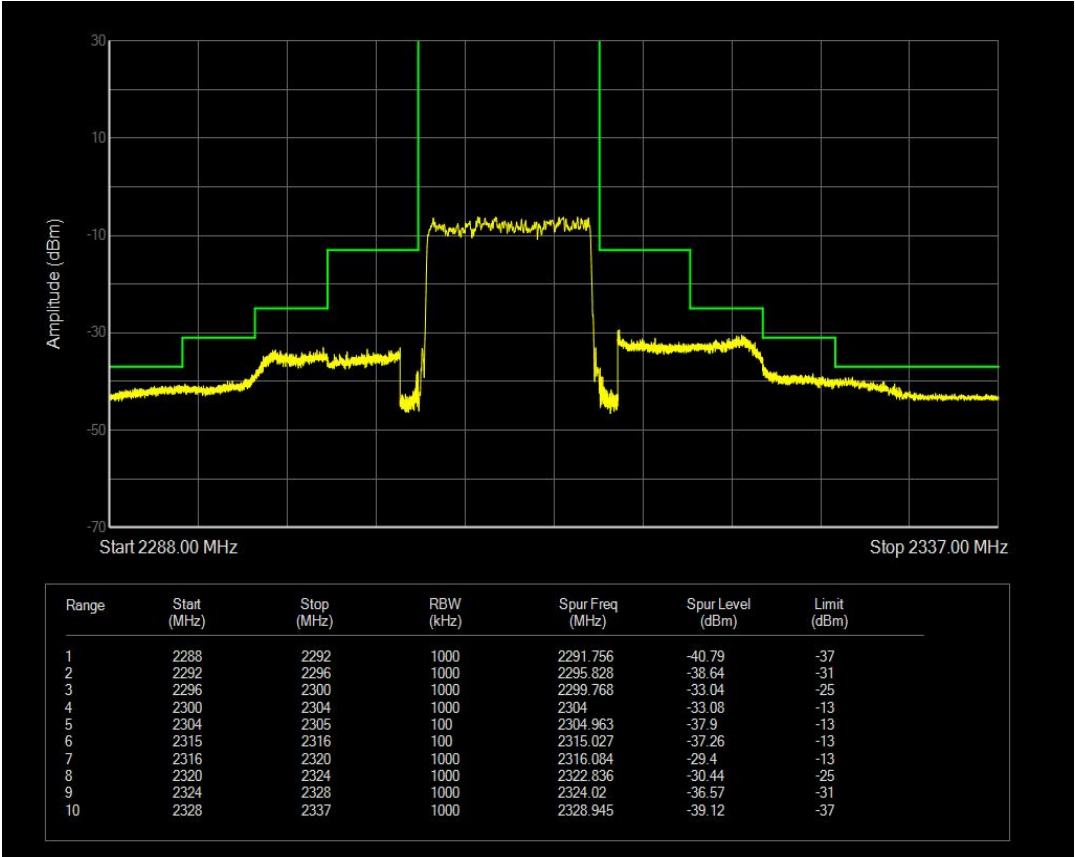
Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0



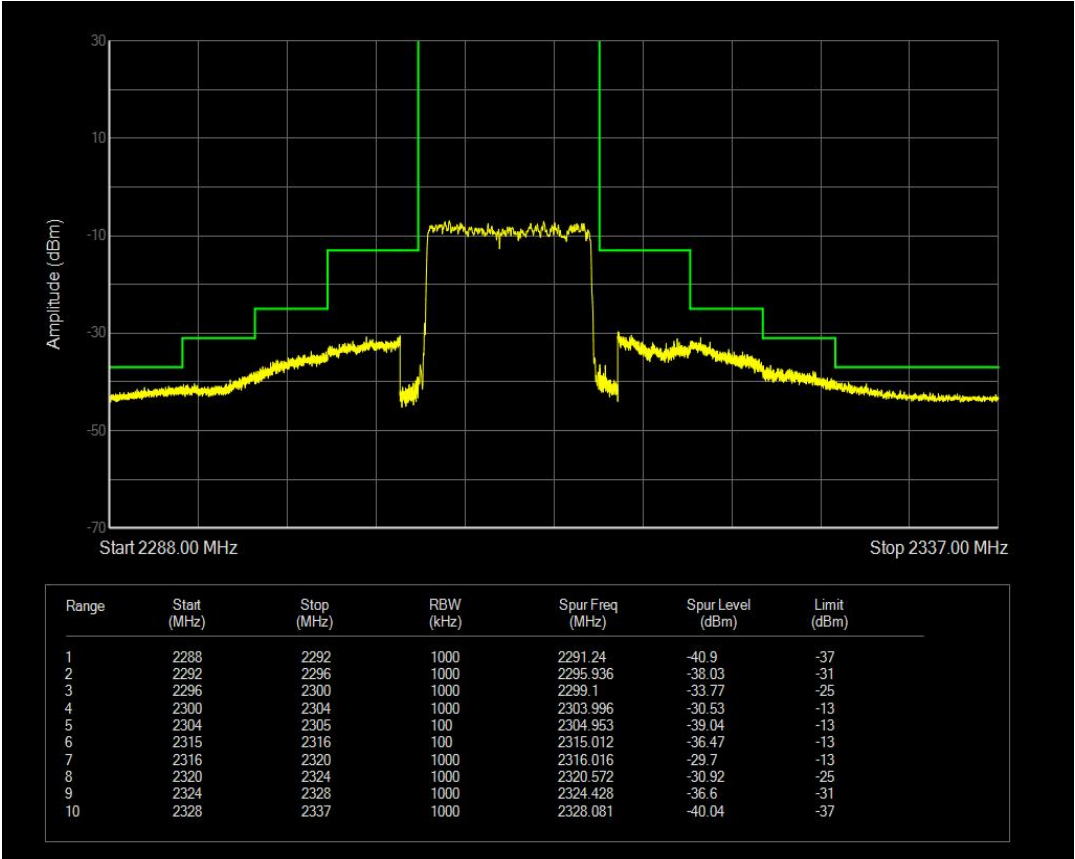
Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



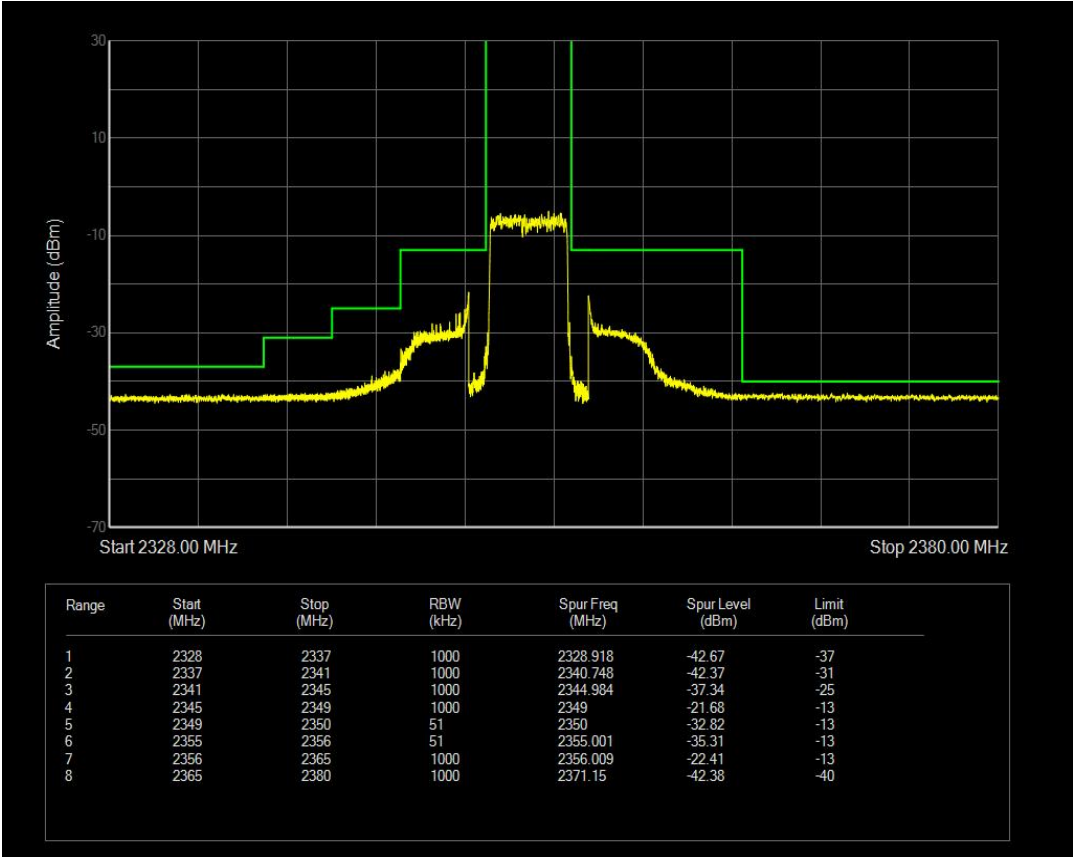
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



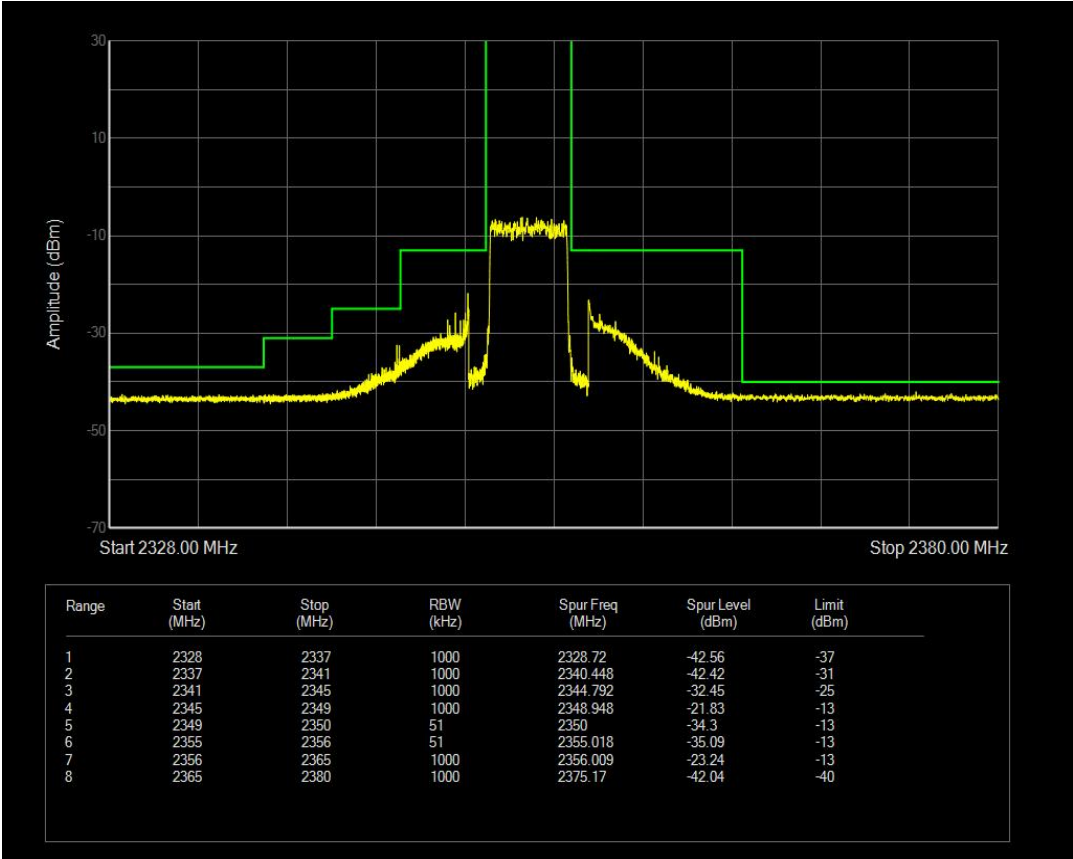
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



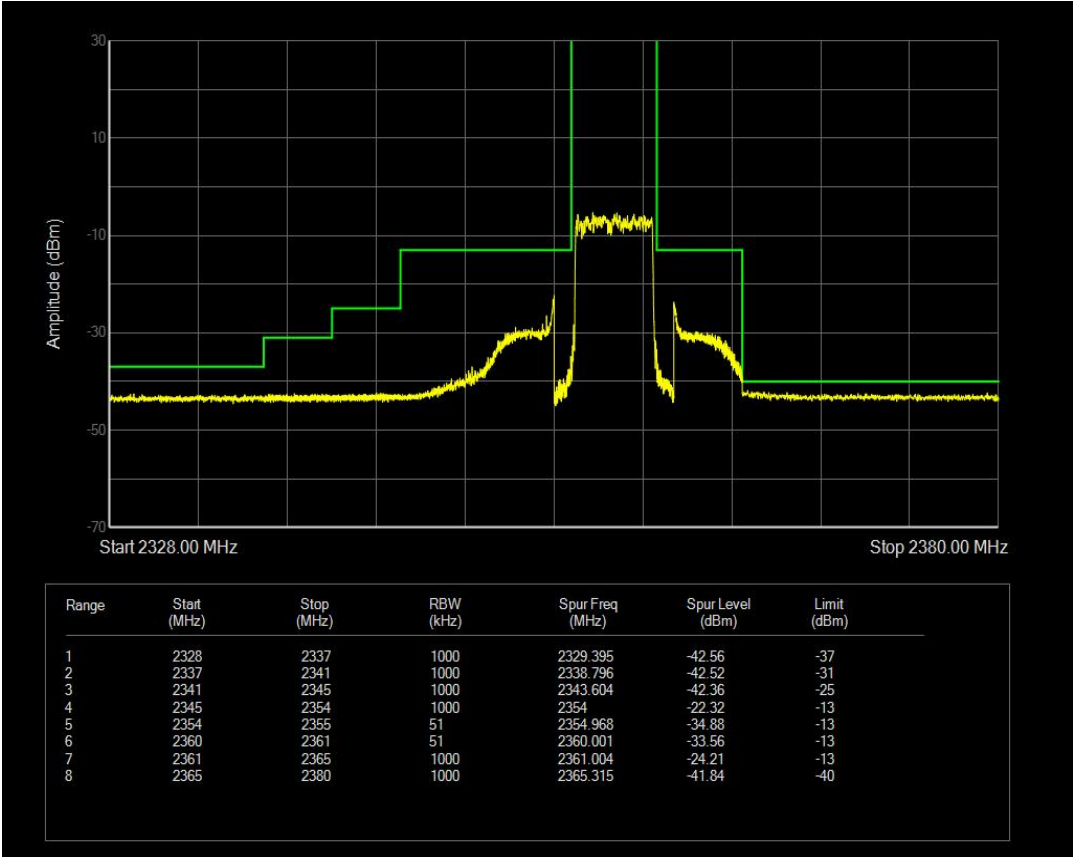
Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



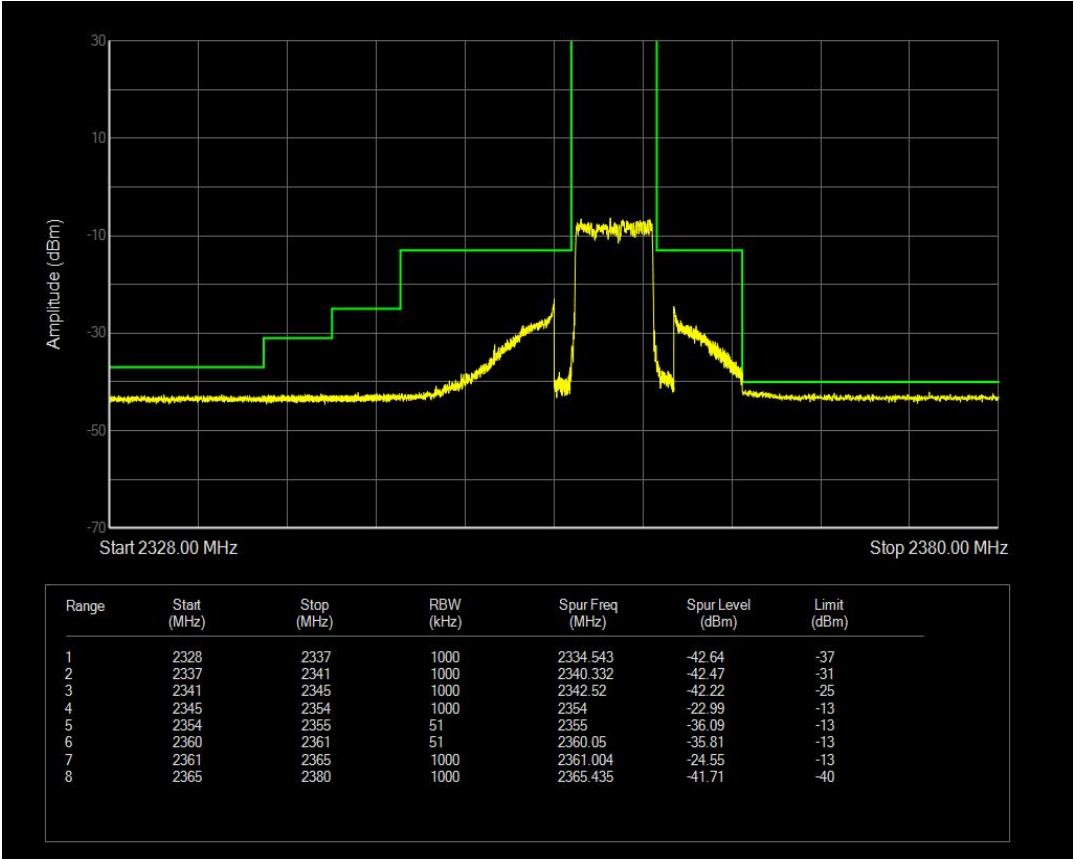
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



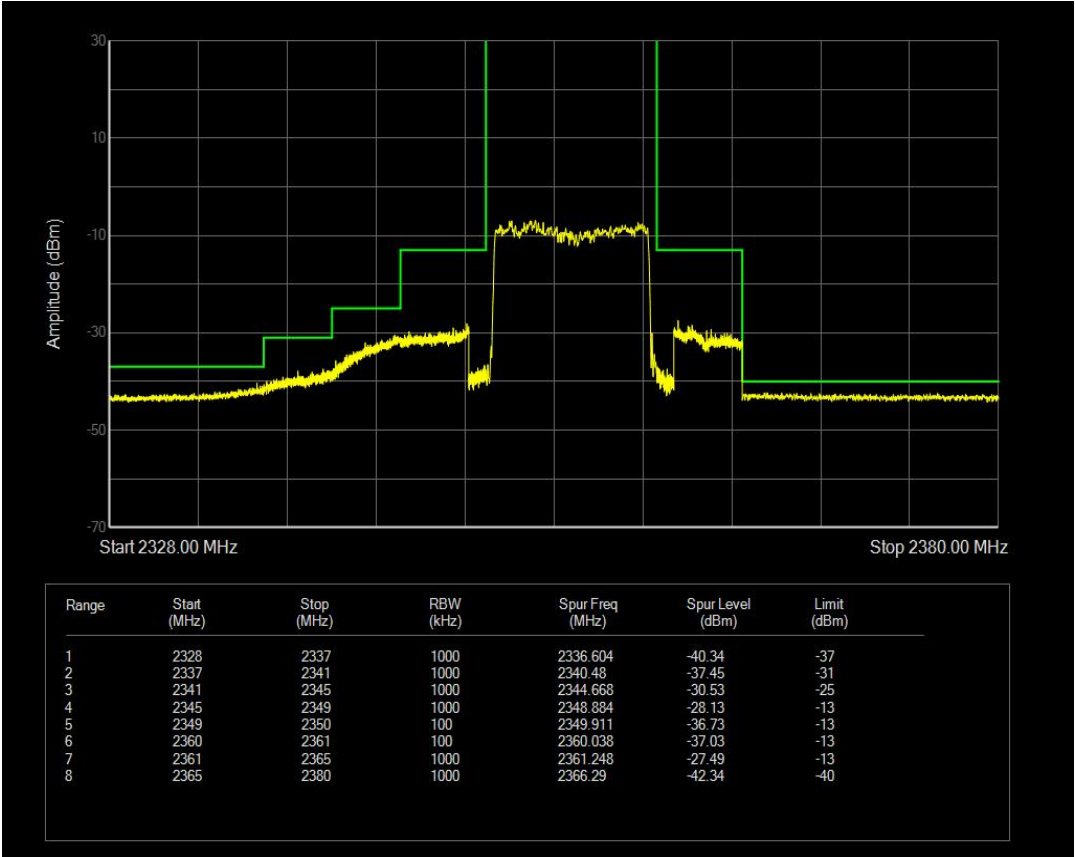
Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



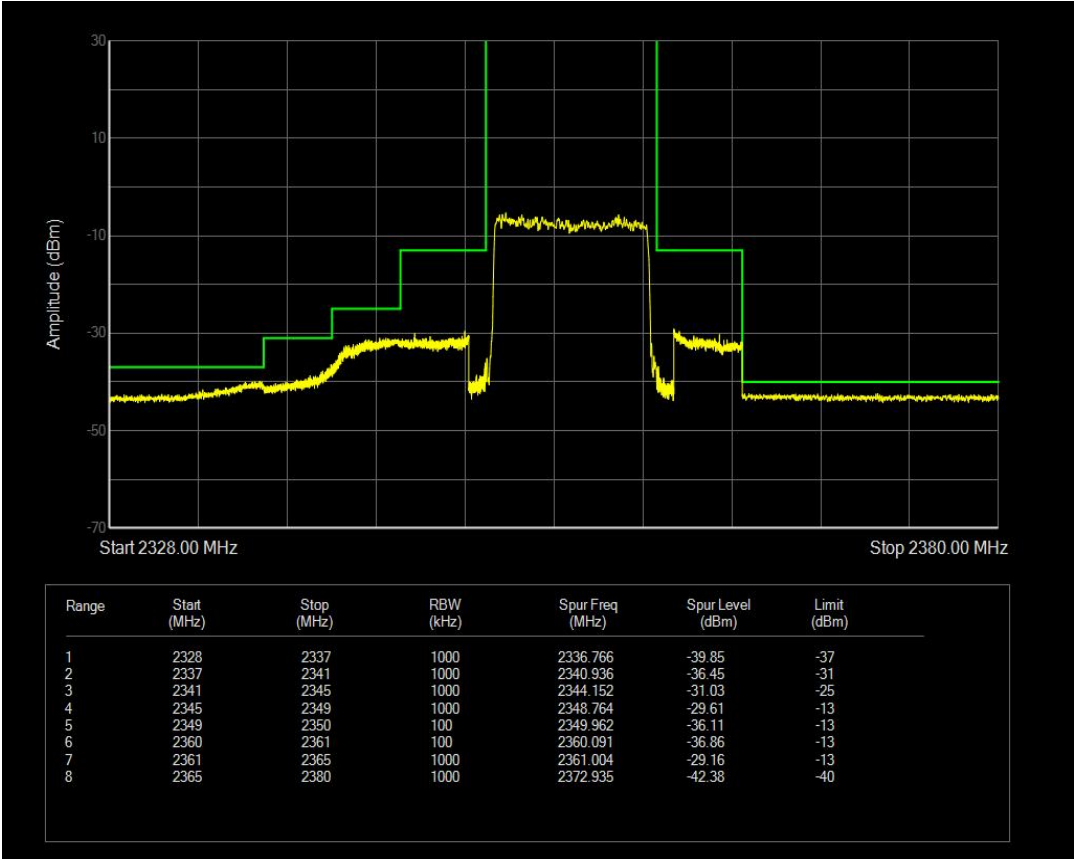
Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0



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



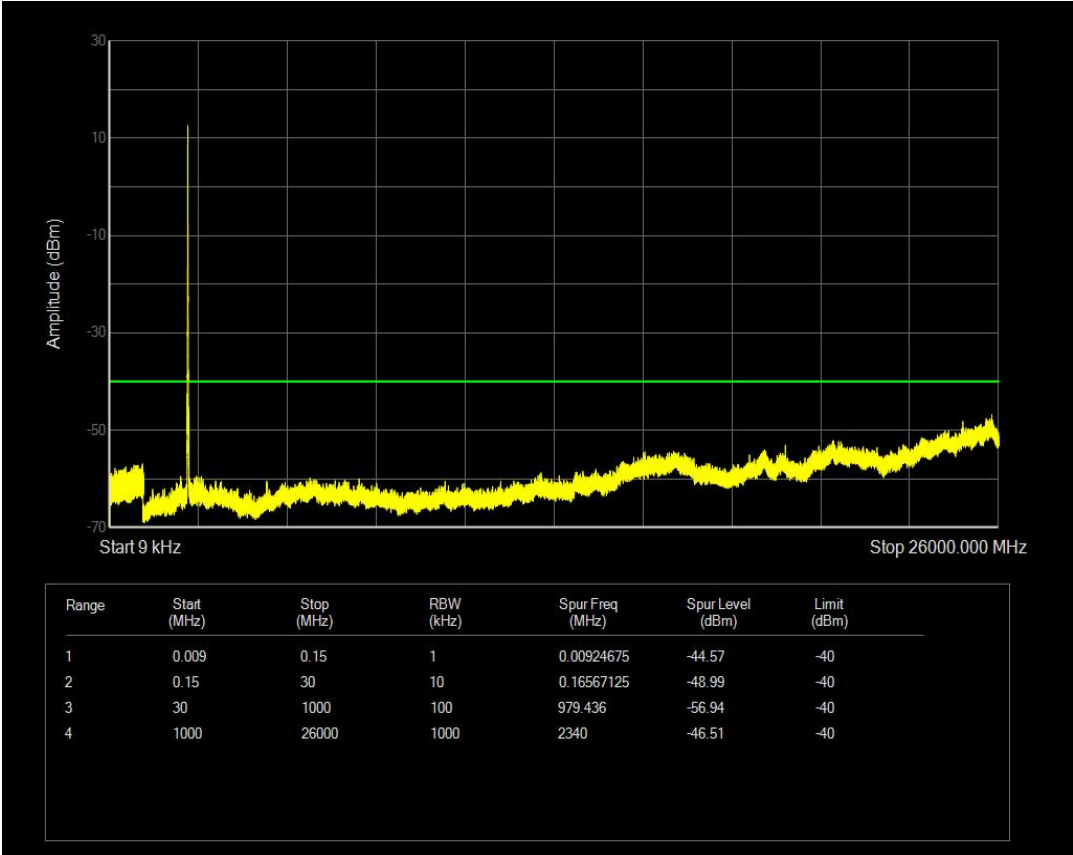
Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



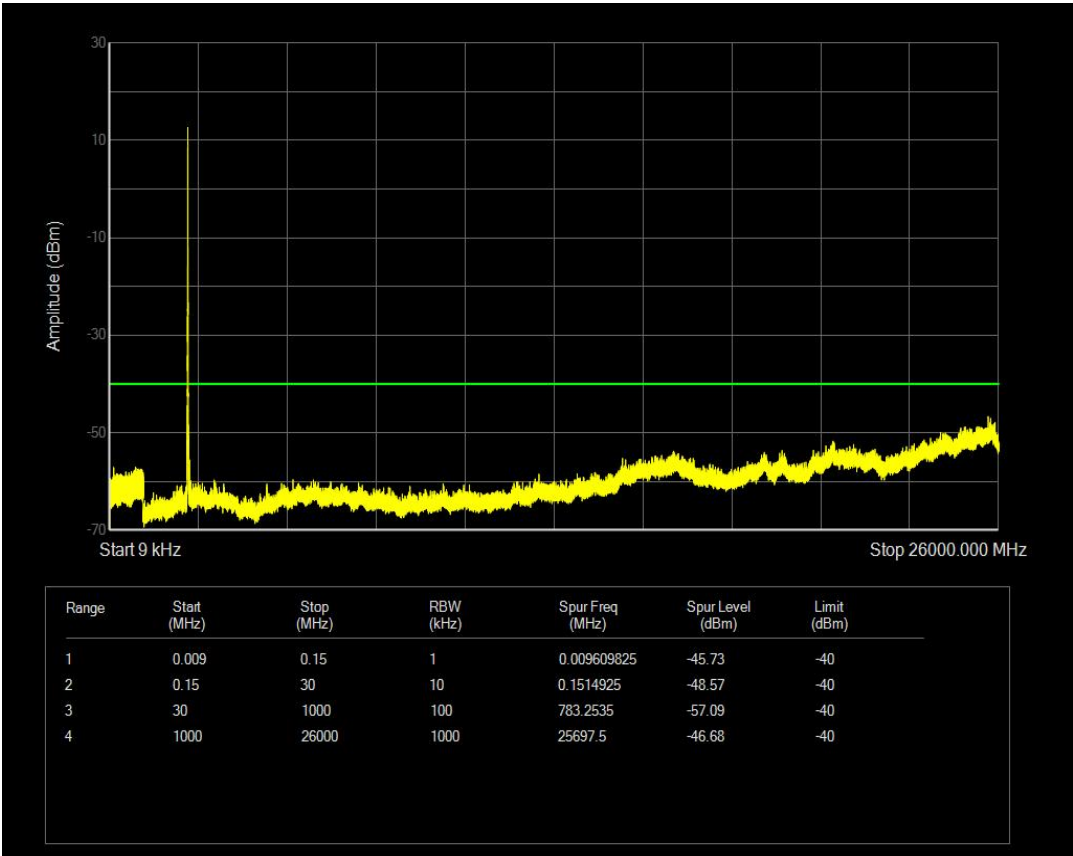
6 Out-of-band emissions

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	0.01	-44.57	-40	PASS
Band40a	5	38725	25	#0	QAM16	0.01	-45.73	-40	PASS
Band40a	5	38775	25	#0	QPSK	0.01	-45.90	-40	PASS
Band40a	5	38775	25	#0	QAM16	0.01	-46.50	-40	PASS
Band40a	10	38750	50	#0	QPSK	2553.75	-46.43	-40	PASS
Band40a	10	38750	50	#0	QAM16	0.01	-46.56	-40	PASS
Band40b	5	39175	25	#0	QPSK	2310.00	-40.70	-40	PASS
Band40b	5	39175	25	#0	QAM16	0.01	-45.09	-40	PASS
Band40b	5	39225	25	#0	QPSK	0.01	-44.55	-40	PASS
Band40b	5	39225	25	#0	QAM16	0.01	-43.71	-40	PASS
Band40b	10	39200	50	#0	QPSK	0.01	-46.22	-40	PASS
Band40b	10	39200	50	#0	QAM16	0.01	-44.07	-40	PASS

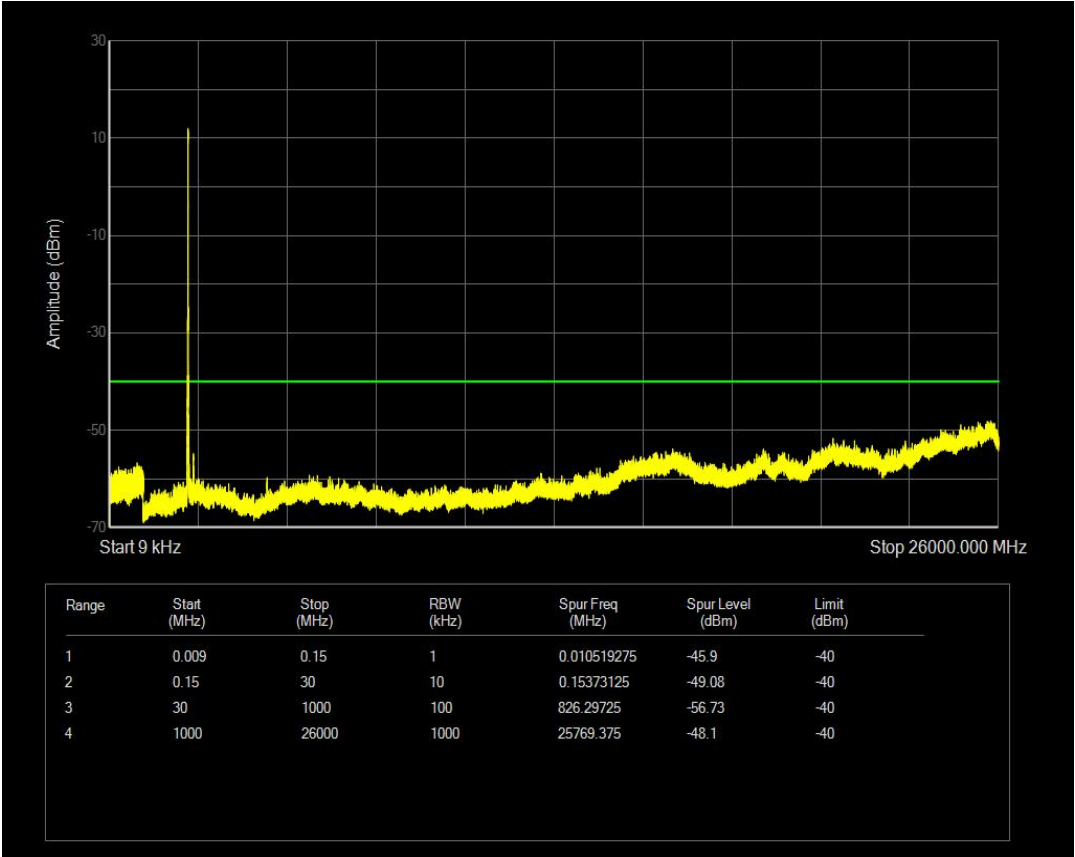
Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



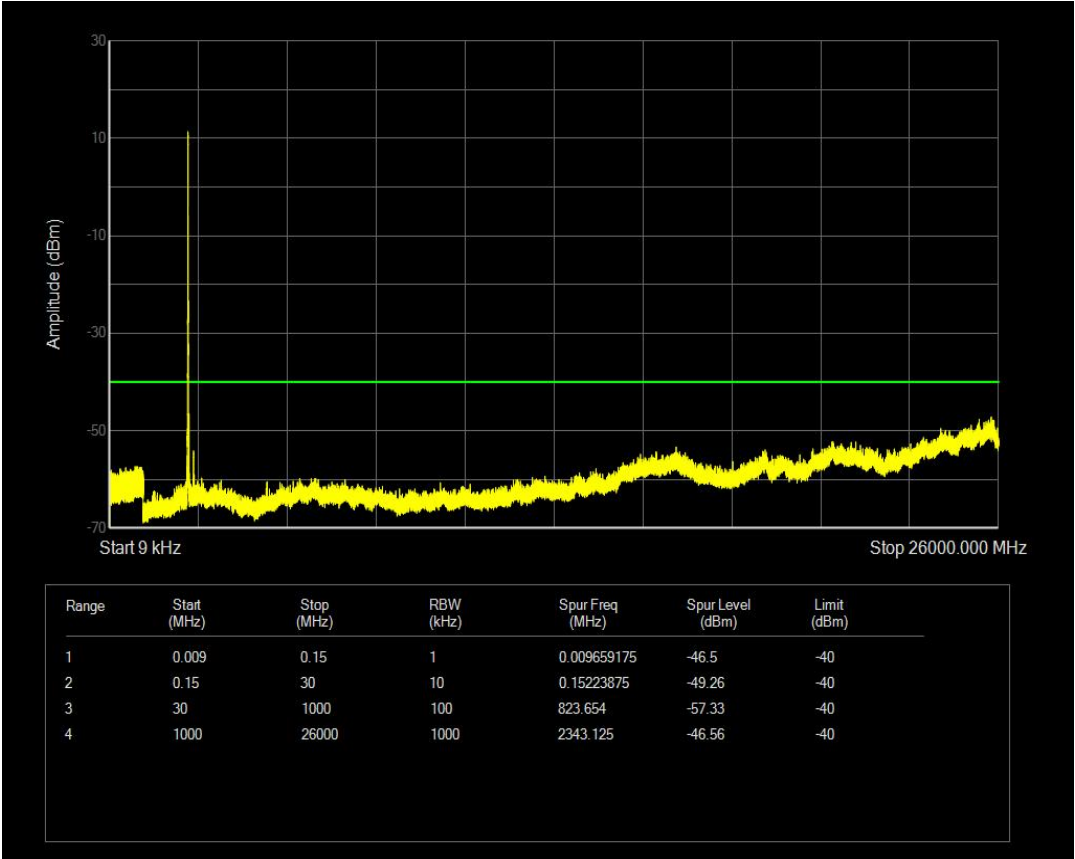
Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



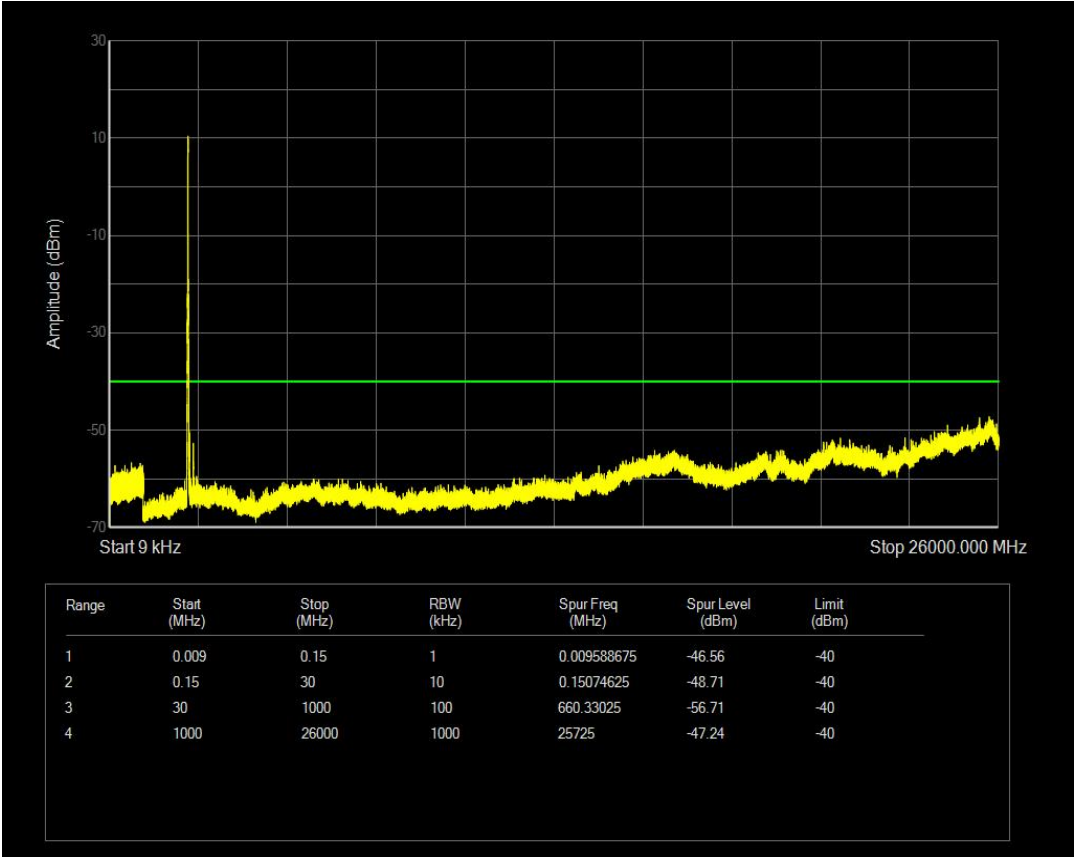
Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0



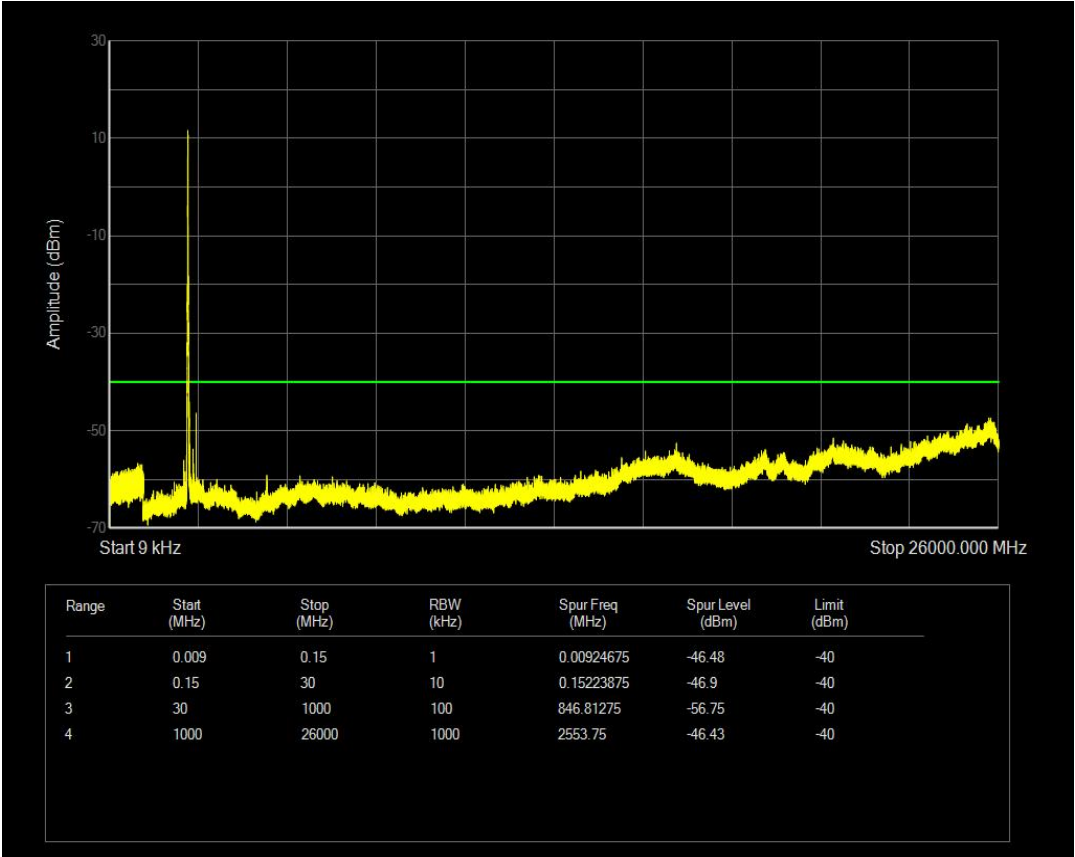
Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



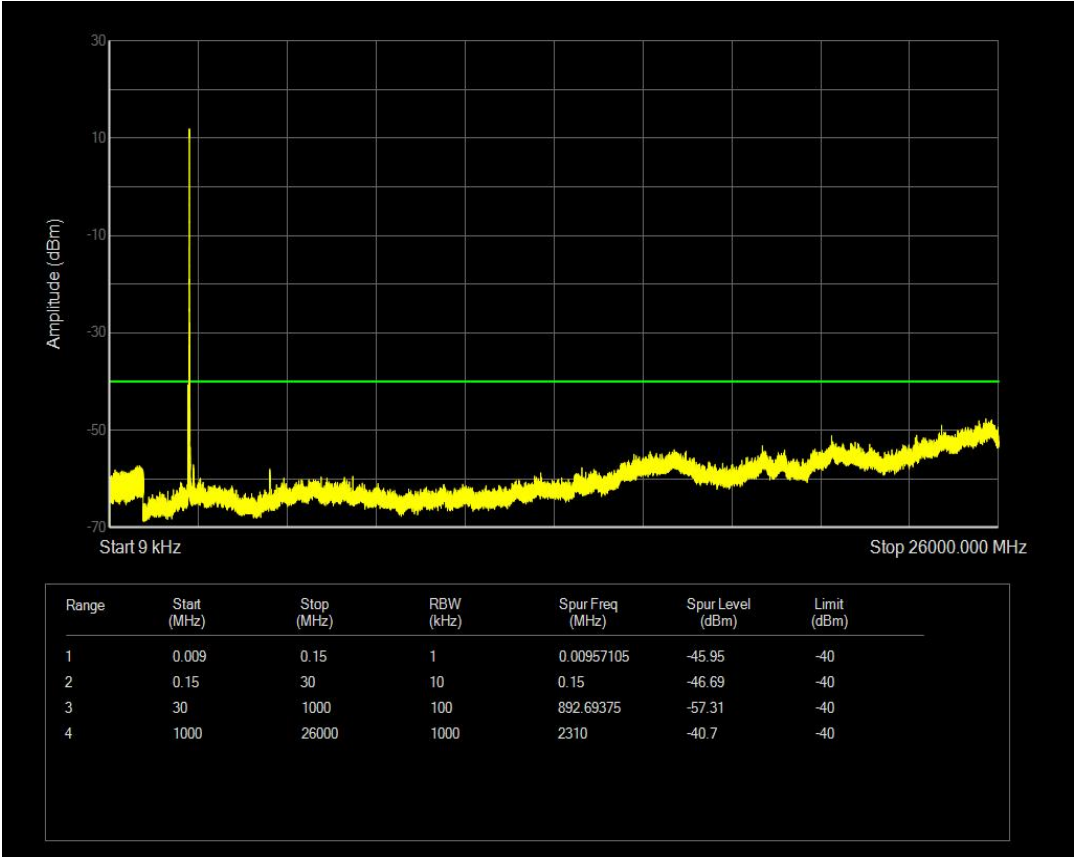
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



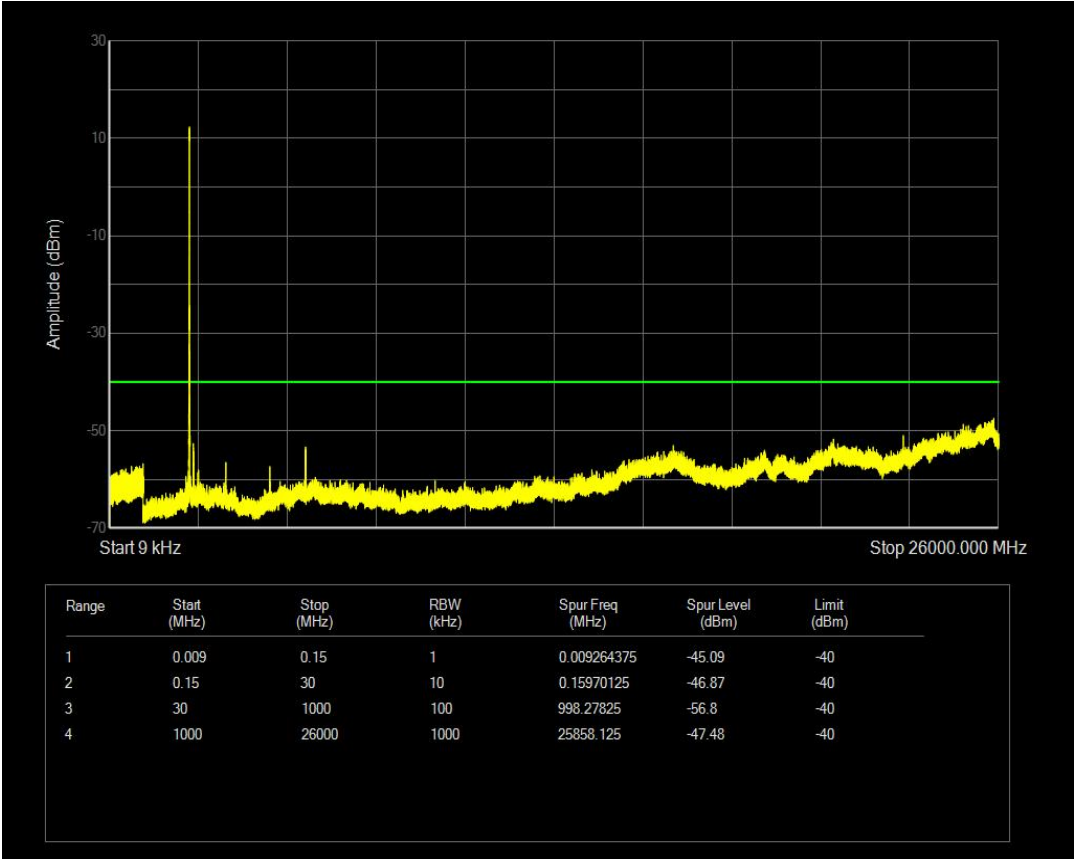
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



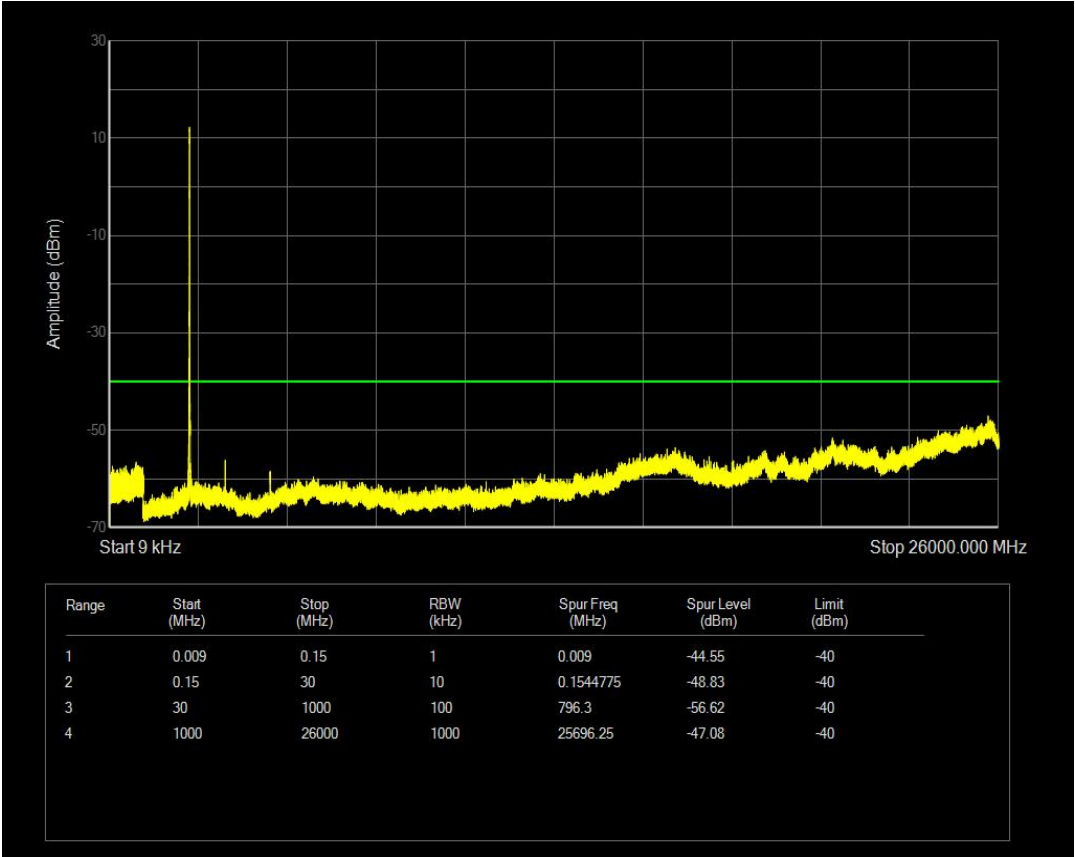
Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



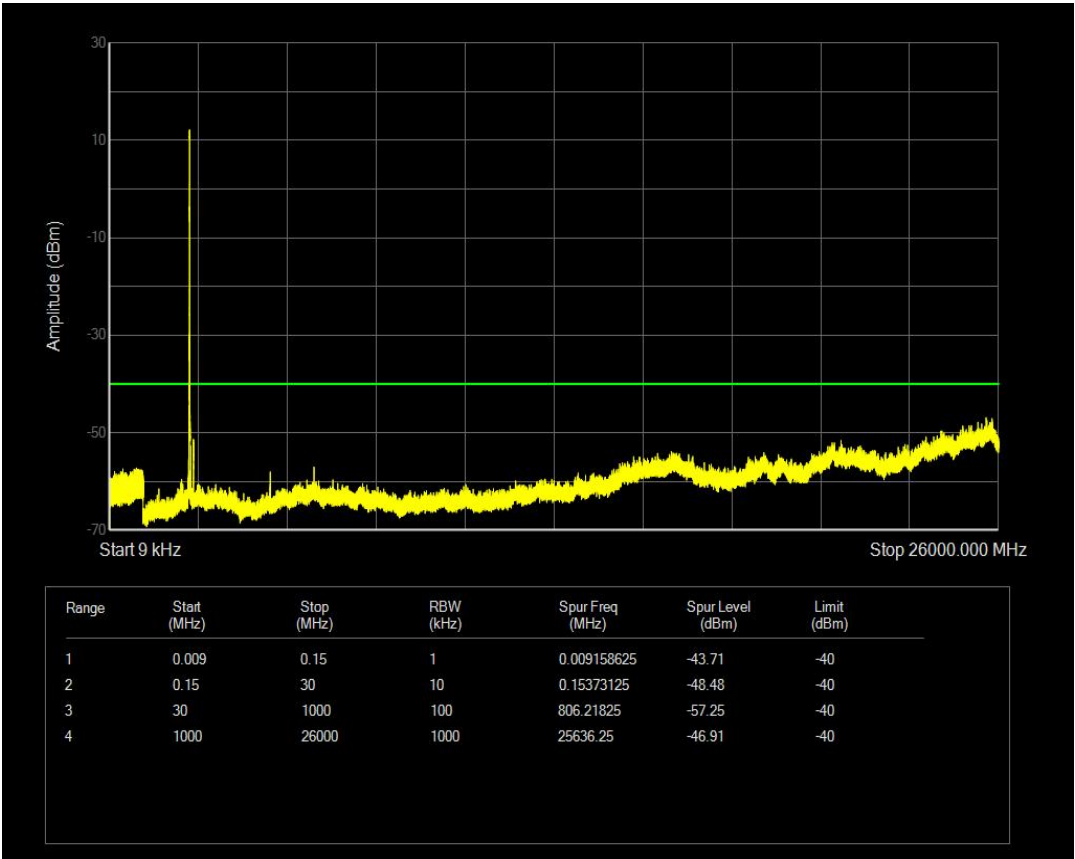
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



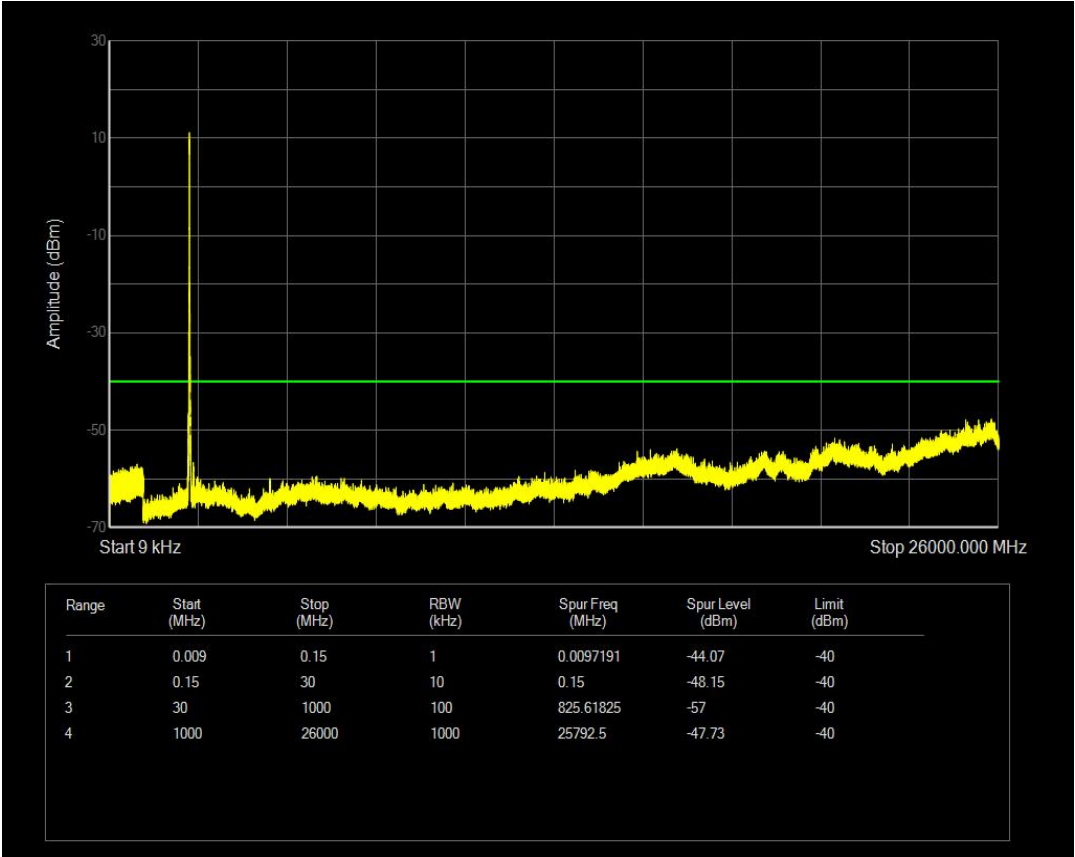
Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



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



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



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

