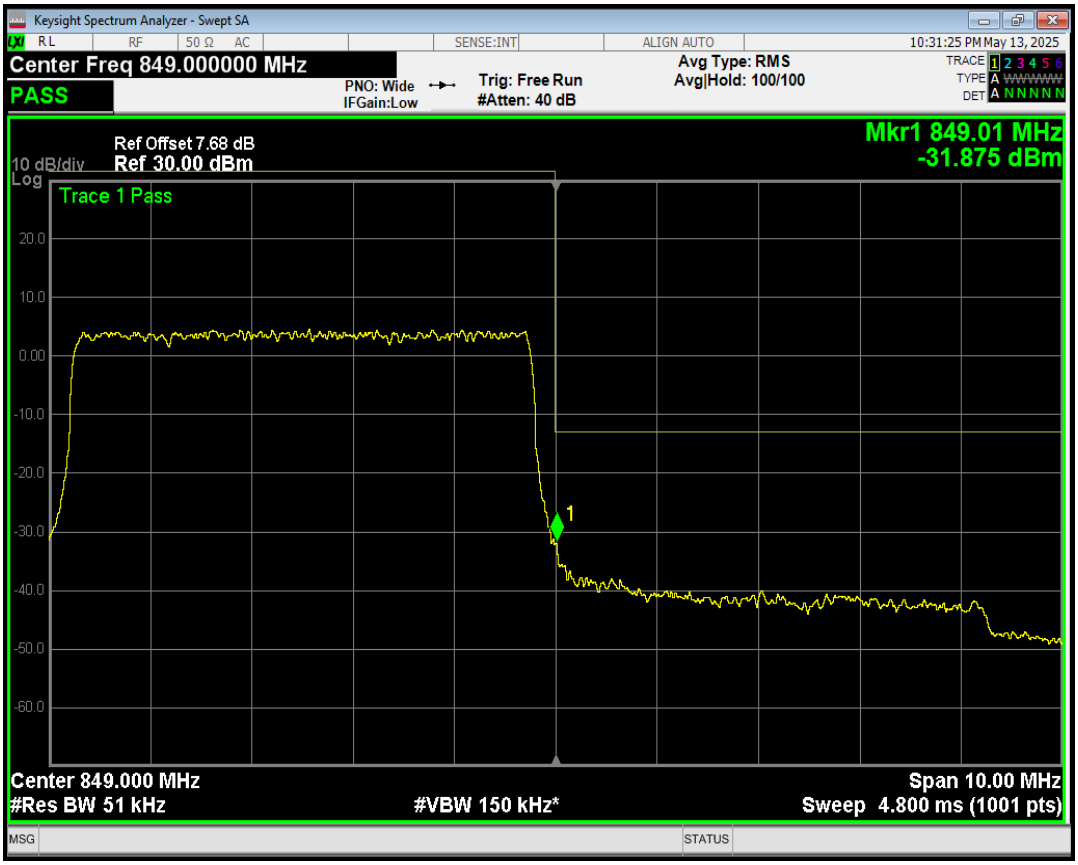
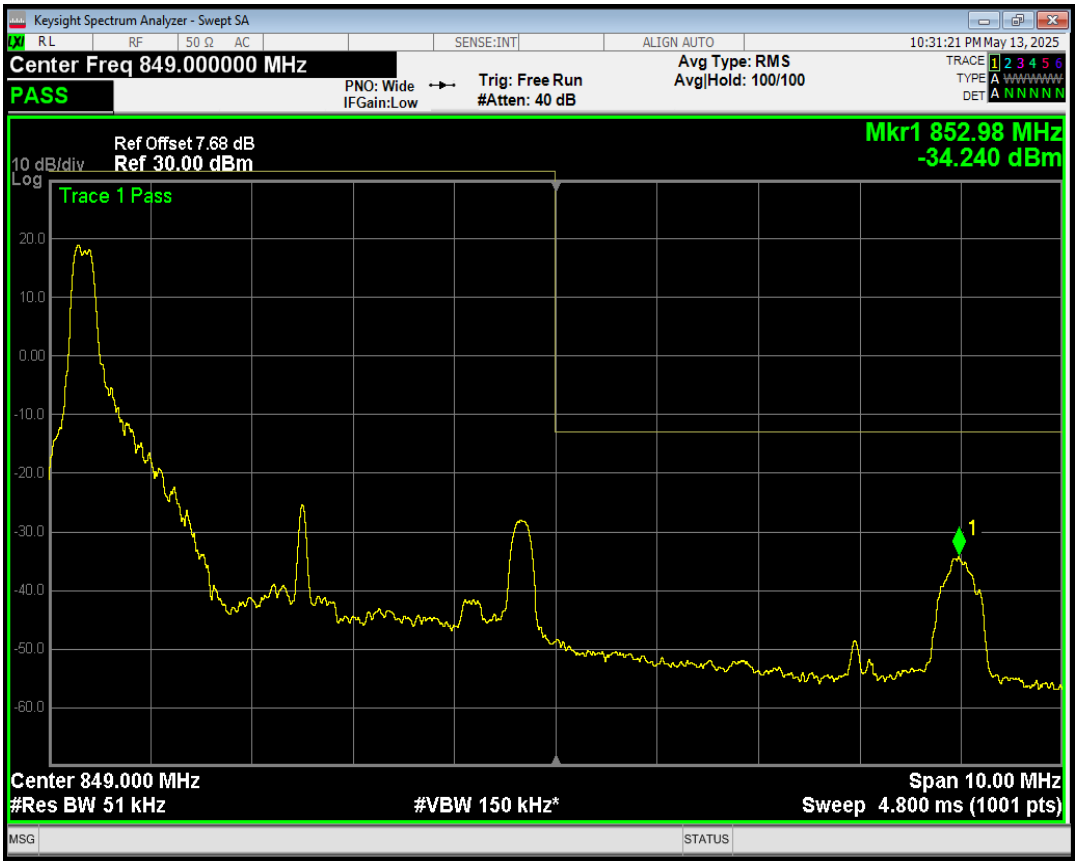
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

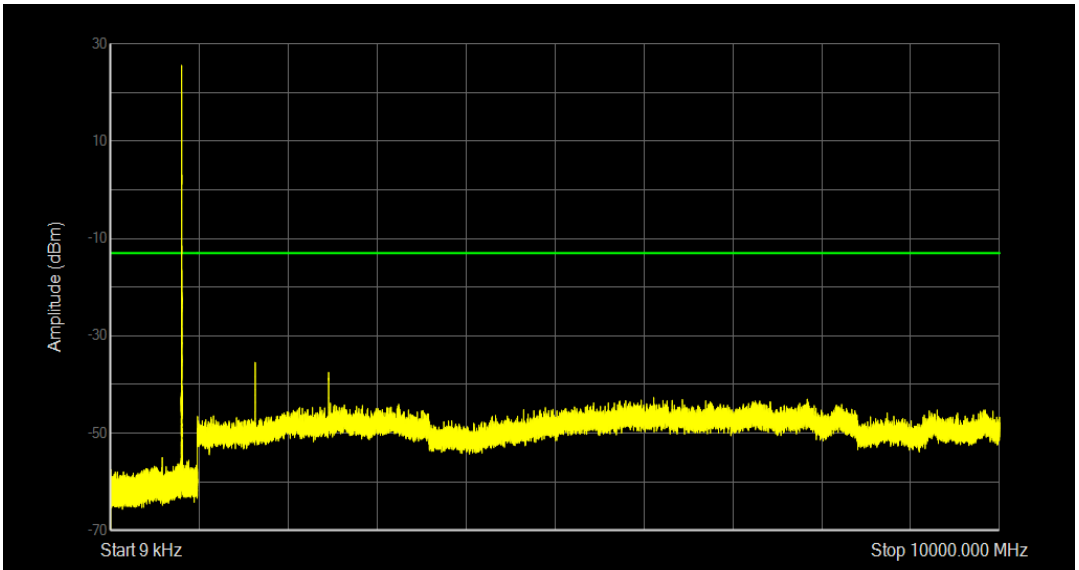


06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	1649.13	-35.47	-13	PASS
Band5	1.4	20407	6	#0	QPSK	1650.03	-38.64	-13	PASS
Band5	1.4	20407	1	#0	QAM16	1649.13	-35.89	-13	PASS
Band5	1.4	20407	6	#0	QAM16	1650.25	-36.67	-13	PASS
Band5	1.4	20525	1	#0	QPSK	1672.75	-36.51	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2510.43	-39.89	-13	PASS
Band5	1.4	20525	1	#0	QAM16	856.44	-32.46	-13	PASS
Band5	1.4	20525	6	#0	QAM16	2510.65	-39.70	-13	PASS
Band5	1.4	20643	1	#0	QPSK	855.98	-28.55	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.75	-37.26	-13	PASS
Band5	1.4	20643	1	#0	QAM16	2543.73	-37.53	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2545.08	-39.89	-13	PASS
Band5	3	20415	1	#0	QPSK	2473.75	-33.38	-13	PASS
Band5	3	20415	15	#0	QPSK	6735.25	-41.52	-13	PASS
Band5	3	20415	1	#0	QAM16	1649.13	-35.06	-13	PASS
Band5	3	20415	15	#0	QAM16	2476.45	-41.29	-13	PASS
Band5	3	20525	1	#0	QPSK	2506.38	-38.93	-13	PASS
Band5	3	20525	15	#0	QPSK	7371.78	-42.77	-13	PASS
Band5	3	20525	1	#0	QAM16	2506.15	-35.63	-13	PASS
Band5	3	20525	15	#0	QAM16	1674.10	-42.21	-13	PASS
Band5	3	20635	1	#0	QPSK	2539.45	-34.05	-13	PASS
Band5	3	20635	15	#0	QPSK	1693.90	-41.25	-13	PASS
Band5	3	20635	1	#0	QAM16	1693.00	-38.88	-13	PASS
Band5	3	20635	15	#0	QAM16	2543.50	-42.07	-13	PASS
Band5	5	20425	1	#0	QPSK	2473.53	-35.20	-13	PASS
Band5	5	20425	25	#0	QPSK	2481.18	-42.75	-13	PASS
Band5	5	20425	1	#0	QAM16	1649.35	-34.00	-13	PASS
Band5	5	20425	25	#0	QAM16	6708.48	-42.04	-13	PASS
Band5	5	20525	1	#0	QPSK	2503.68	-38.00	-13	PASS
Band5	5	20525	25	#0	QPSK	7275.48	-41.70	-13	PASS
Band5	5	20525	1	#0	QAM16	2503.45	-37.29	-13	PASS
Band5	5	20525	25	#0	QAM16	6147.10	-43.03	-13	PASS
Band5	5	20625	1	#0	QPSK	2533.83	-36.75	-13	PASS
Band5	5	20625	25	#0	QPSK	2538.55	-42.35	-13	PASS
Band5	5	20625	1	#0	QAM16	2534.05	-34.99	-13	PASS
Band5	5	20625	25	#0	QAM16	2539.90	-42.62	-13	PASS
Band5	10	20450	1	#0	QPSK	1649.58	-37.16	-13	PASS
Band5	10	20450	50	#0	QPSK	7787.35	-41.60	-13	PASS
Band5	10	20450	1	#0	QAM16	2474.20	-34.46	-13	PASS
Band5	10	20525	1	#0	QPSK	2497.15	-36.29	-13	PASS
Band5	10	20525	50	#0	QPSK	5993.65	-43.04	-13	PASS

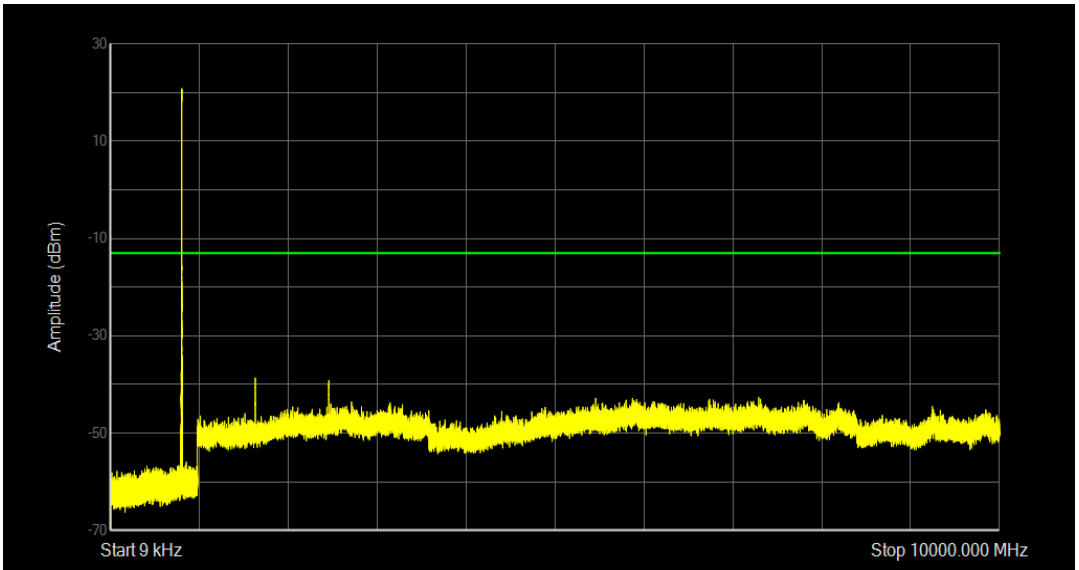
Band5	10	20525	1	#0	QAM16	2496.93	-36.50	-13	PASS
Band5	10	20600	1	#0	QPSK	2519.65	-33.32	-13	PASS
Band5	10	20600	50	#0	QPSK	5934.25	-42.51	-13	PASS
Band5	10	20600	1	#0	QAM16	2519.20	-35.22	-13	PASS
Band41	5	39675	25	#0	QPSK	25980.63	-27.23	-25	PASS
Band41	5	39675	25	#0	QAM16	25227.50	-27.30	-25	PASS
Band41	5	40620	25	#0	QPSK	25870.00	-26.76	-25	PASS
Band41	5	40620	25	#0	QAM16	24660.63	-26.57	-25	PASS
Band41	5	41565	25	#0	QPSK	25270.63	-26.80	-25	PASS
Band41	5	41565	25	#0	QAM16	25988.75	-25.87	-25	PASS
Band41	10	39700	50	#0	QPSK	25906.88	-26.81	-25	PASS
Band41	10	40620	50	#0	QPSK	25855.00	-25.93	-25	PASS
Band41	10	41540	50	#0	QPSK	25866.88	-26.26	-25	PASS
Band41	15	39725	75	#0	QPSK	25410.00	-26.95	-25	PASS
Band41	15	40620	75	#0	QPSK	25965.63	-27.06	-25	PASS
Band41	15	41515	75	#0	QPSK	25980.00	-26.64	-25	PASS
Band41	20	39750	100	#0	QPSK	25963.75	-26.75	-25	PASS
Band41	20	40620	100	#0	QPSK	25895.63	-25.84	-25	PASS
Band41	20	41490	100	#0	QPSK	25226.25	-26.36	-25	PASS
Band41	5	39675	1	#0	QPSK	25968.75	-26.50	-25	PASS
Band41	5	39675	1	#0	QAM16	25986.88	-26.00	-25	PASS
Band41	5	40620	1	#0	QPSK	25876.25	-26.74	-25	PASS
Band41	5	40620	1	#0	QAM16	25949.38	-26.88	-25	PASS
Band41	5	41565	1	#0	QPSK	24725.00	-26.87	-25	PASS
Band41	5	41565	1	#0	QAM16	25928.13	-26.59	-25	PASS
Band41	10	39700	1	#0	QPSK	25251.25	-26.56	-25	PASS
Band41	10	39700	1	#0	QAM16	25909.38	-26.81	-25	PASS
Band41	10	40620	1	#0	QPSK	24740.63	-26.35	-25	PASS
Band41	10	40620	1	#0	QAM16	25236.88	-27.21	-25	PASS
Band41	10	41540	1	#0	QPSK	25798.75	-26.98	-25	PASS
Band41	10	41540	1	#0	QAM16	25936.88	-26.29	-25	PASS
Band41	15	39725	1	#0	QPSK	25916.25	-26.08	-25	PASS
Band41	15	39725	1	#0	QAM16	25926.88	-27.29	-25	PASS
Band41	15	40620	1	#0	QPSK	25923.75	-26.59	-25	PASS
Band41	15	40620	1	#0	QAM16	25963.75	-26.67	-25	PASS
Band41	15	41515	1	#0	QPSK	25961.88	-26.49	-25	PASS
Band41	15	41515	1	#0	QAM16	25931.25	-26.82	-25	PASS
Band41	20	39750	1	#0	QPSK	25969.38	-26.28	-25	PASS
Band41	20	39750	1	#0	QAM16	25876.25	-26.57	-25	PASS
Band41	20	40620	1	#0	QPSK	25230.63	-26.65	-25	PASS
Band41	20	40620	1	#0	QAM16	25902.50	-26.54	-25	PASS
Band41	20	41490	1	#0	QPSK	25974.38	-27.33	-25	PASS
Band41	20	41490	1	#0	QAM16	25948.75	-26.93	-25	PASS

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



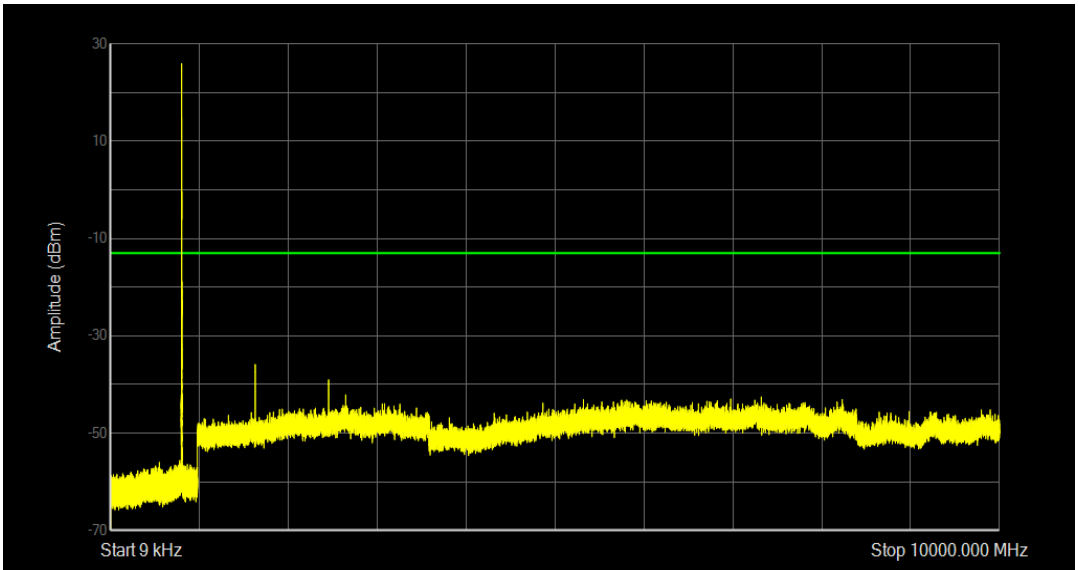
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011538	-51.48	-13
2	0.15	30	10	0.15373125	-51.68	-13
3	30	1000	100	606.93175	-55	-13
4	1000	10000	1000	1649.125	-35.47	-13

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



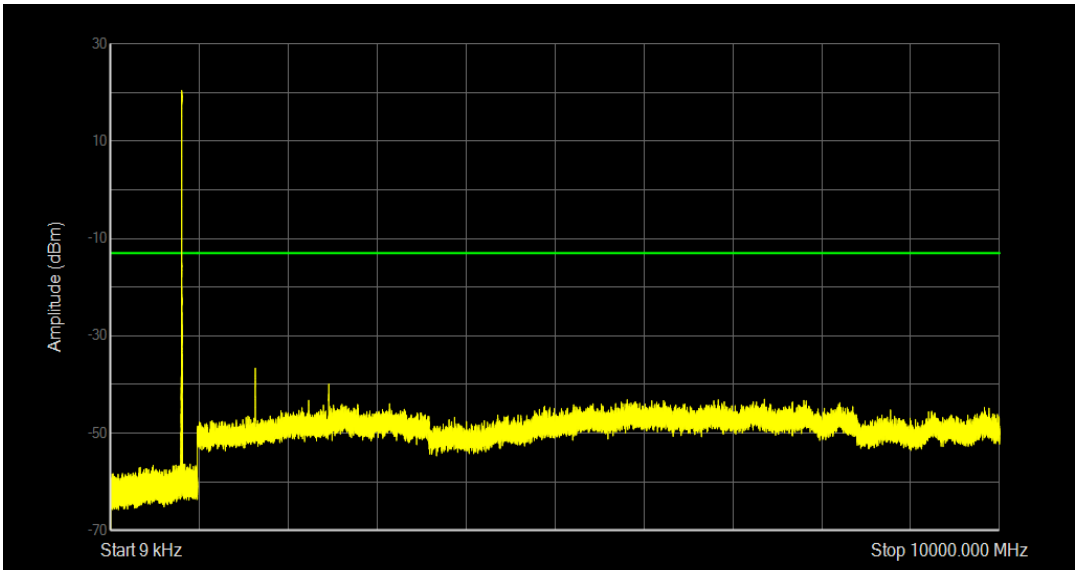
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009489975	-50.74	-13
2	0.15	30	10	0.16119375	-52.22	-13
3	30	1000	100	818.1735	-50.69	-13
4	1000	10000	1000	1650.025	-38.64	-13

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=1 Position=#0



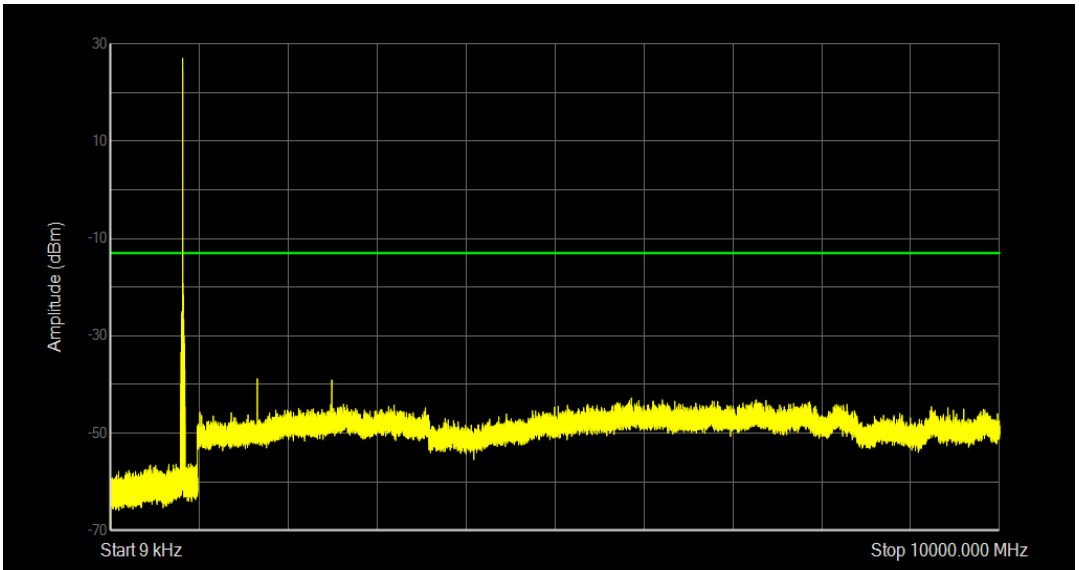
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-52.01	-13
2	0.15	30	10	0.15970125	-51.97	-13
3	30	1000	100	800.20425	-55.64	-13
4	1000	10000	1000	1649.125	-35.89	-13

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



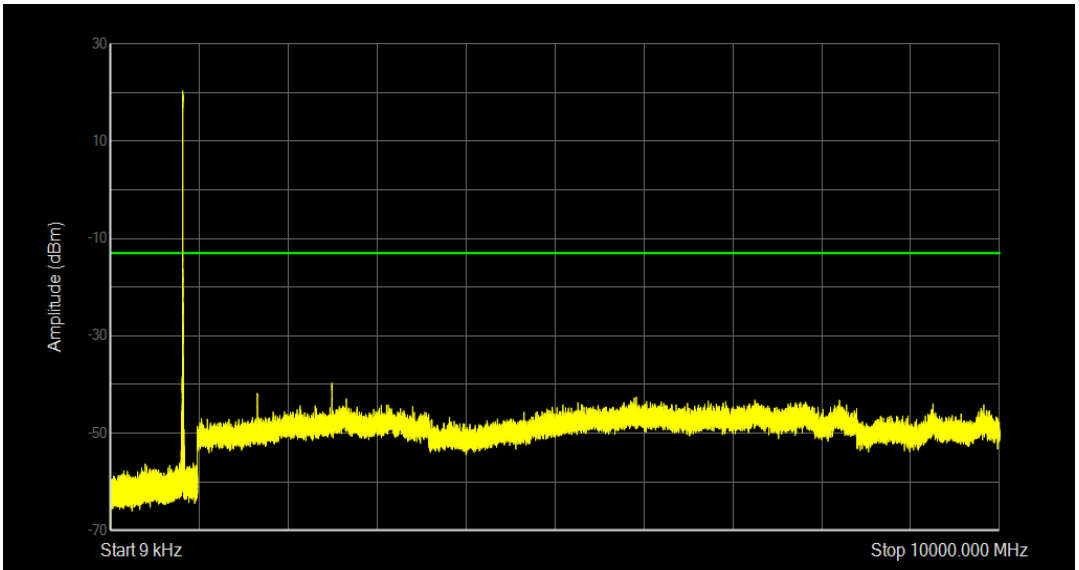
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-50.8	-13
2	0.15	30	10	0.15	-51.99	-13
3	30	1000	100	818.125	-54.5	-13
4	1000	10000	1000	1650.25	-36.67	-13

Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



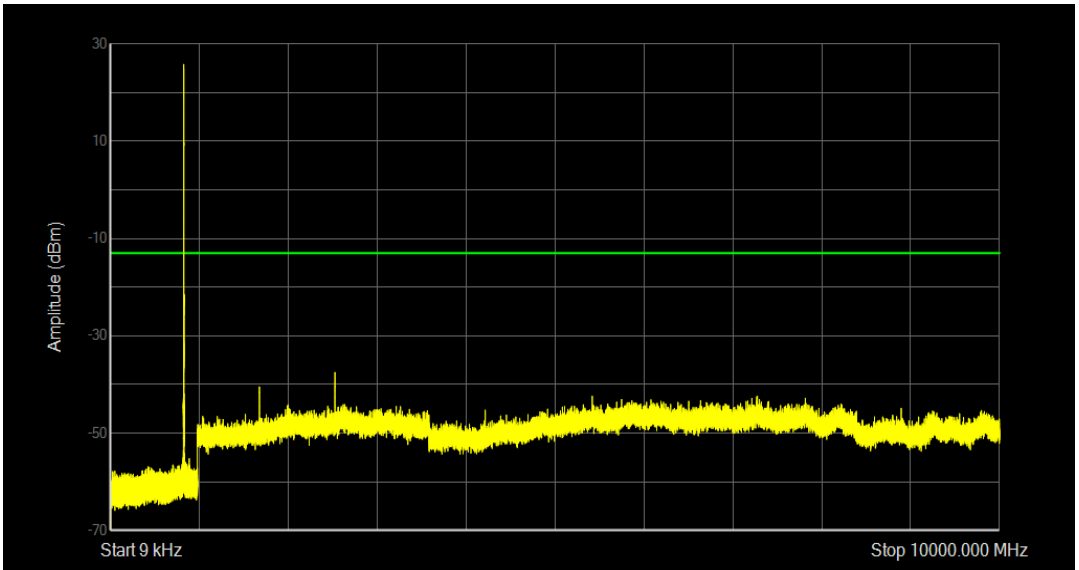
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011957475	-52.07	-13
2	0.15	30	10	0.16417875	-51.39	-13
3	30	1000	100	856.44	-32.46	-13
4	1000	10000	1000	1672.75	-38.83	-13

Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



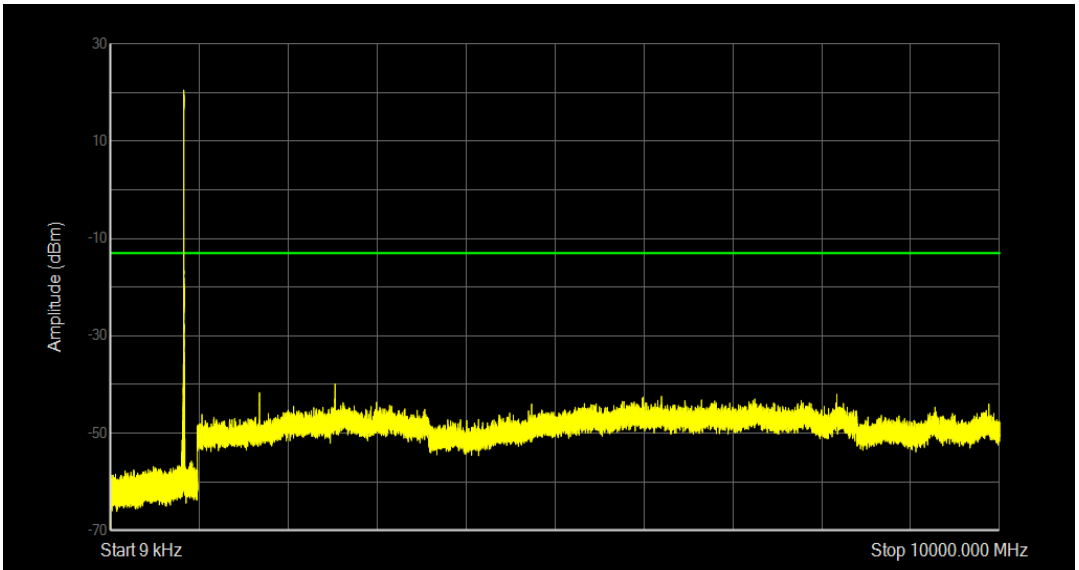
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090282	-50.94	-13
2	0.15	30	10	0.164925	-51.41	-13
3	30	1000	100	817.446	-55.83	-13
4	1000	10000	1000	2510.65	-39.7	-13

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=1 Position=#0



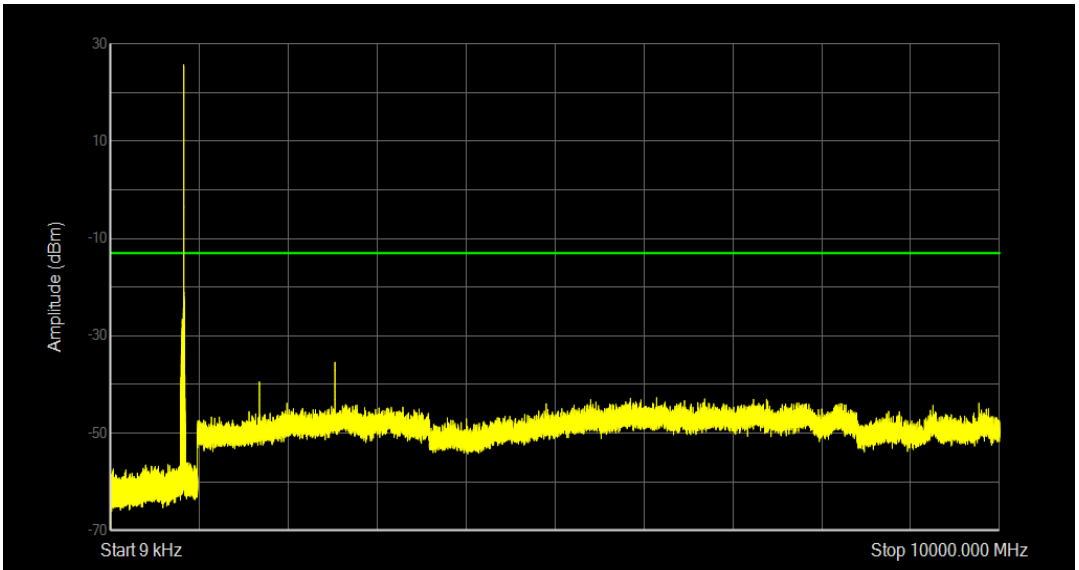
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01023375	-51.74	-13
2	0.15	30	10	0.152985	-50.87	-13
3	30	1000	100	909.014	-55.24	-13
4	1000	10000	1000	2543.725	-37.53	-13

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



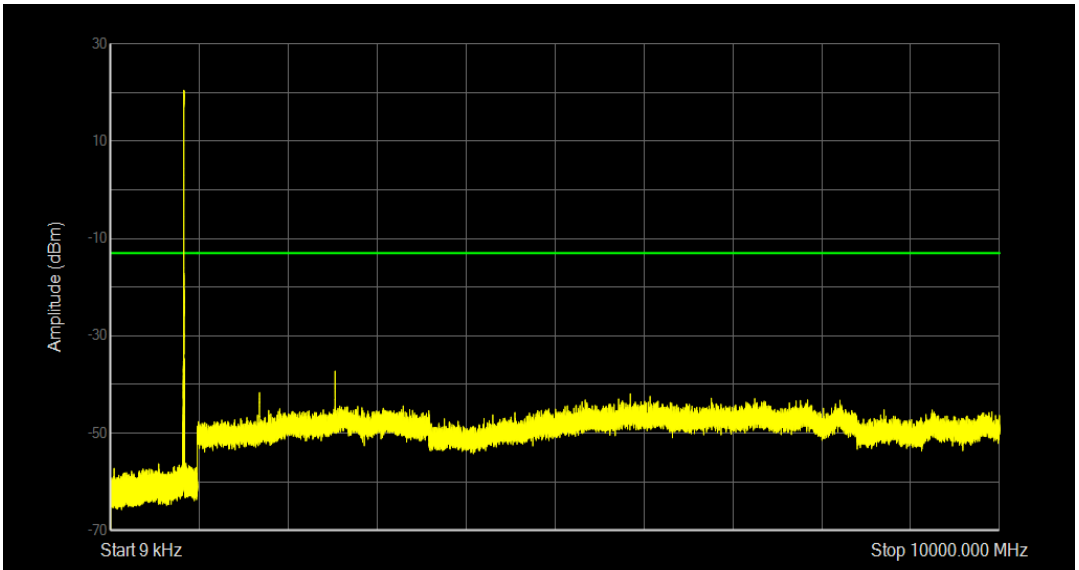
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-50.29	-13
2	0.15	30	10	0.15820875	-52.3	-13
3	30	1000	100	855.44575	-49.49	-13
4	1000	10000	1000	2545.075	-39.89	-13

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



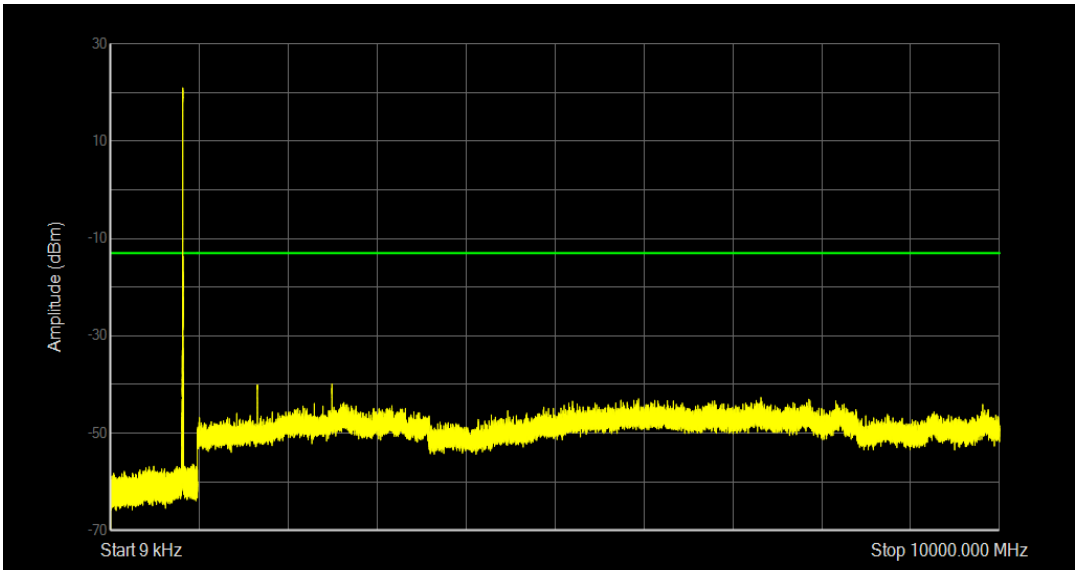
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009532275	-50.54	-13
2	0.15	30	10	0.1544775	-49.17	-13
3	30	1000	100	855.97925	-28.55	-13
4	1000	10000	1000	2544.4	-35.44	-13

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



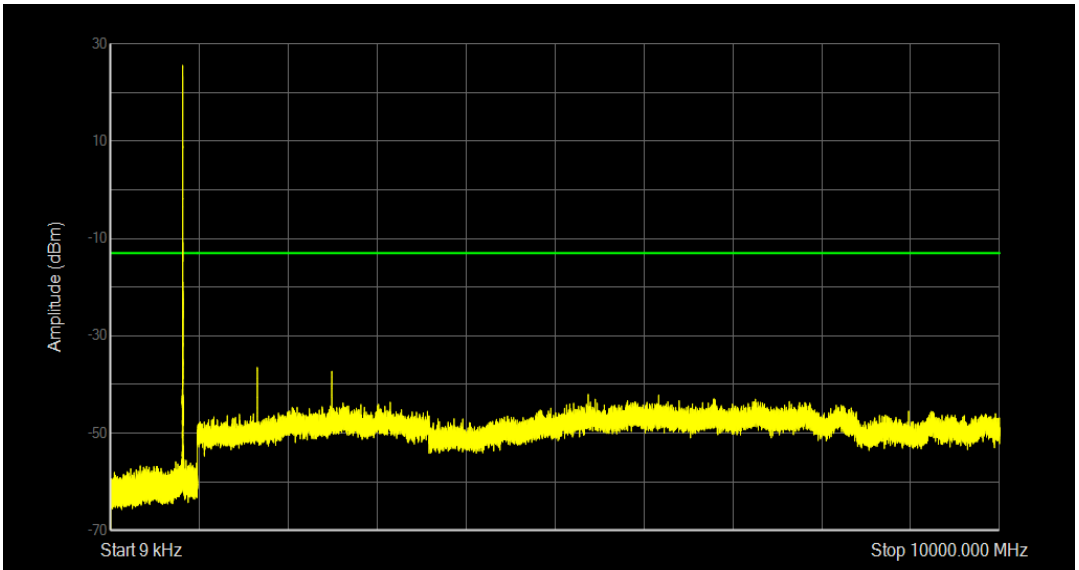
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00965565	-50.1	-13
2	0.15	30	10	0.152985	-51.98	-13
3	30	1000	100	854.66975	-52.83	-13
4	1000	10000	1000	2545.75	-37.26	-13

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



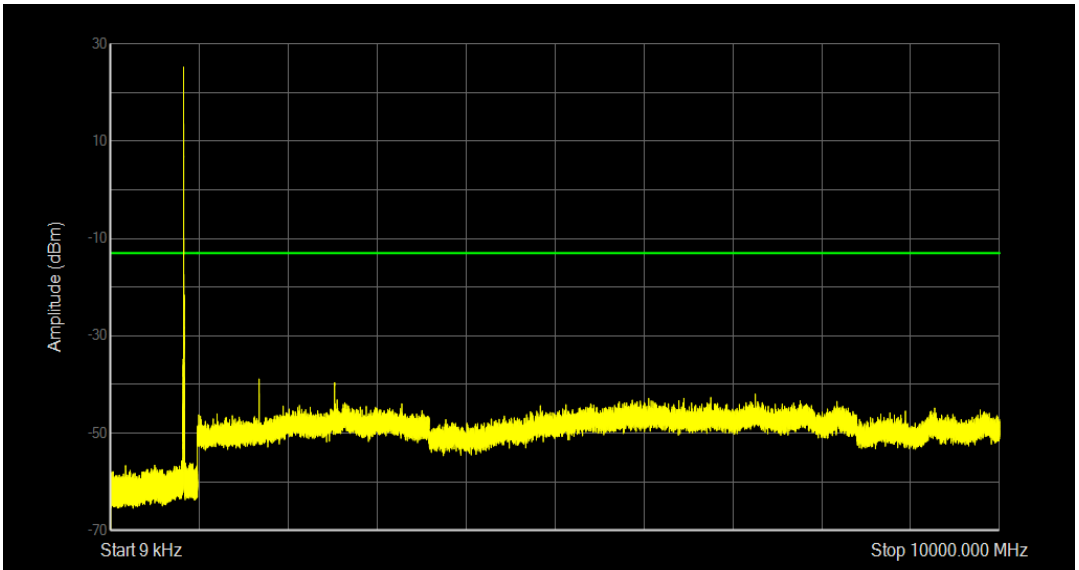
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530766	-52.04	-13
2	0.15	30	10	0.15	-50.81	-13
3	30	1000	100	947.98375	-56.38	-13
4	1000	10000	1000	2510.425	-39.89	-13

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



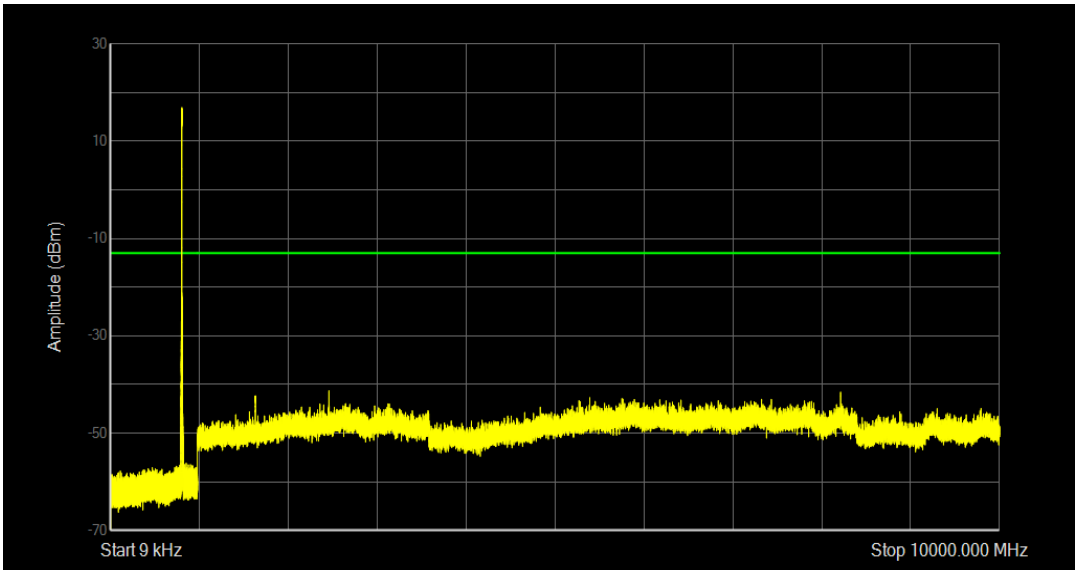
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010237275	-51.22	-13
2	0.15	30	10	0.15373125	-51.52	-13
3	30	1000	100	873.7545	-55.57	-13
4	1000	10000	1000	1672.75	-36.51	-13

Band5 QAM16 BW=3MHz Channel=20635 RB Size=1 Position=#0



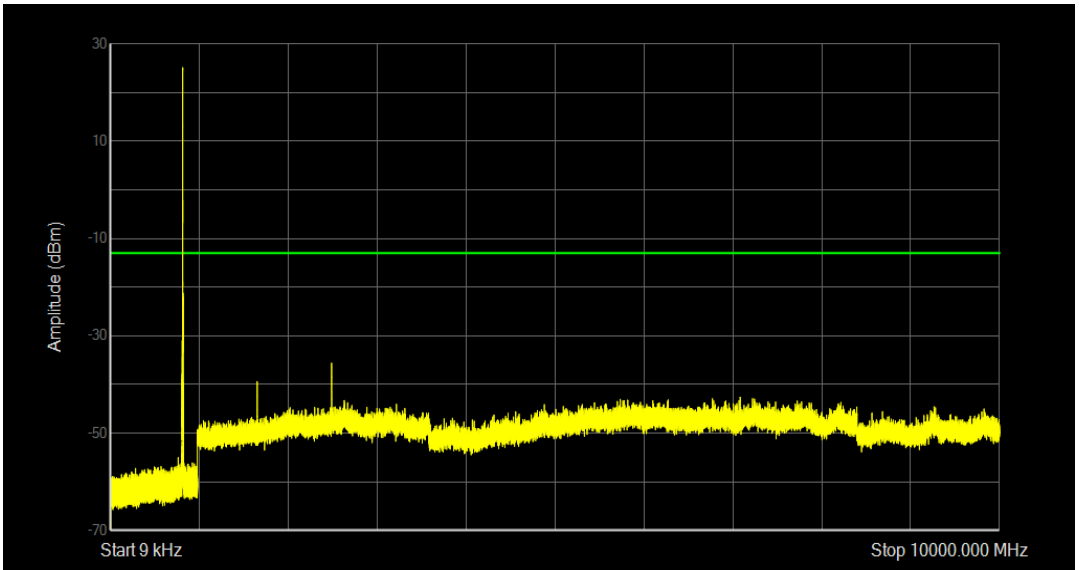
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010554525	-50.8	-13
2	0.15	30	10	0.15	-50.48	-13
3	30	1000	100	867.7405	-56.18	-13
4	1000	10000	1000	1693	-38.88	-13

Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



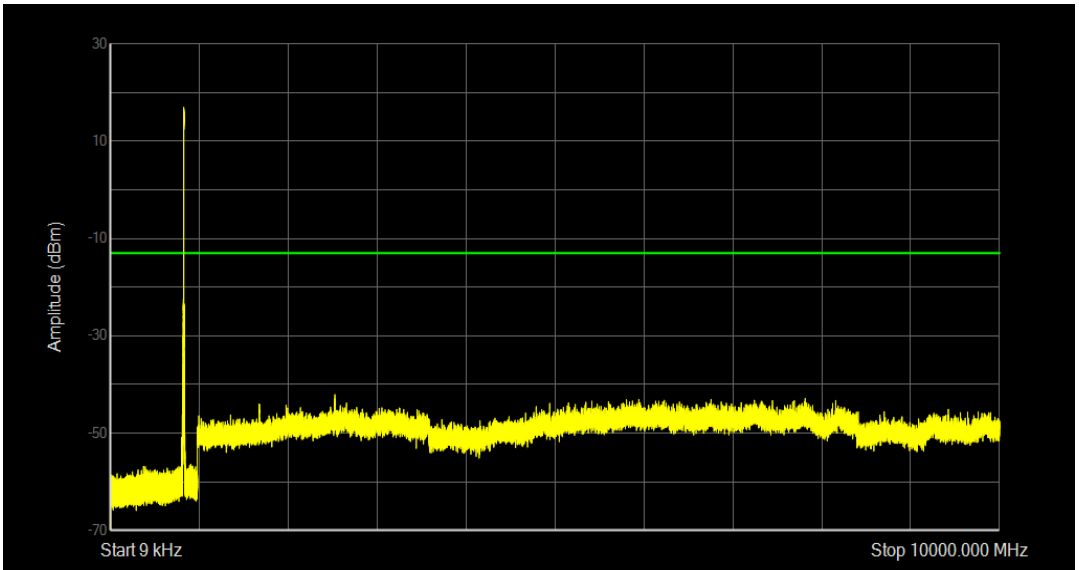
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0141183	-50.8	-13
2	0.15	30	10	0.15	-51.99	-13
3	30	1000	100	875.0155	-56.21	-13
4	1000	10000	1000	2476.45	-41.29	-13

Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



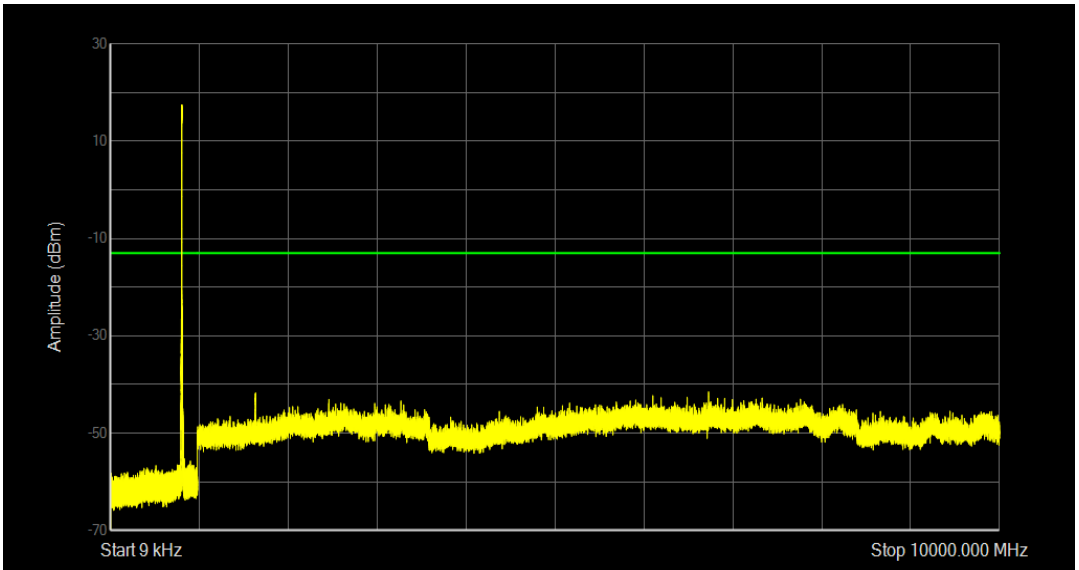
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011294775	-50.8	-13
2	0.15	30	10	0.15522375	-52.34	-13
3	30	1000	100	784.854	-54.99	-13
4	1000	10000	1000	2506.15	-35.63	-13

Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



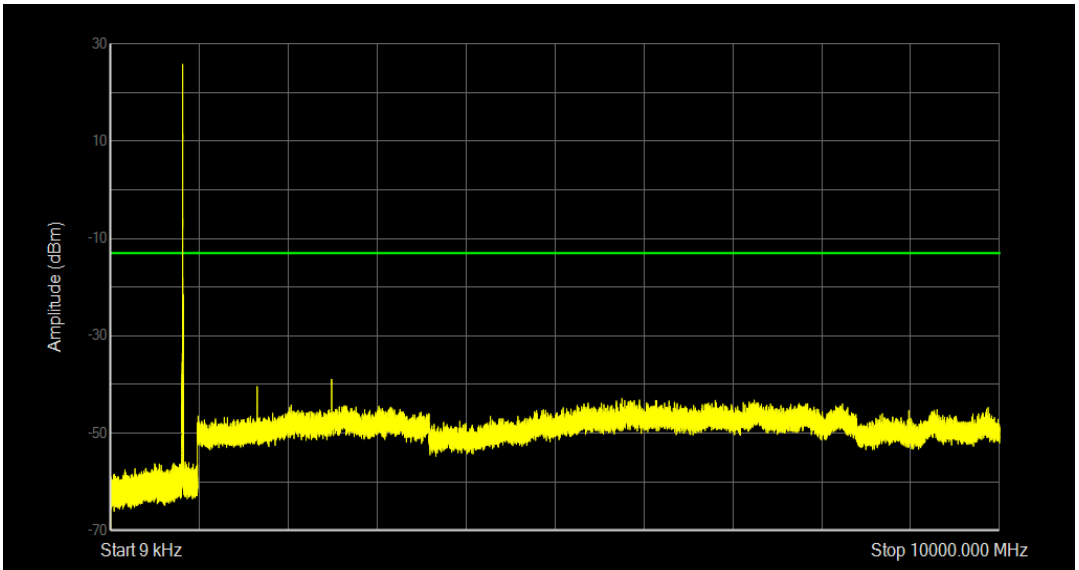
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011879925	-51.64	-13
2	0.15	30	10	0.15	-50.82	-13
3	30	1000	100	926.40125	-56.37	-13
4	1000	10000	1000	2543.5	-42.07	-13

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



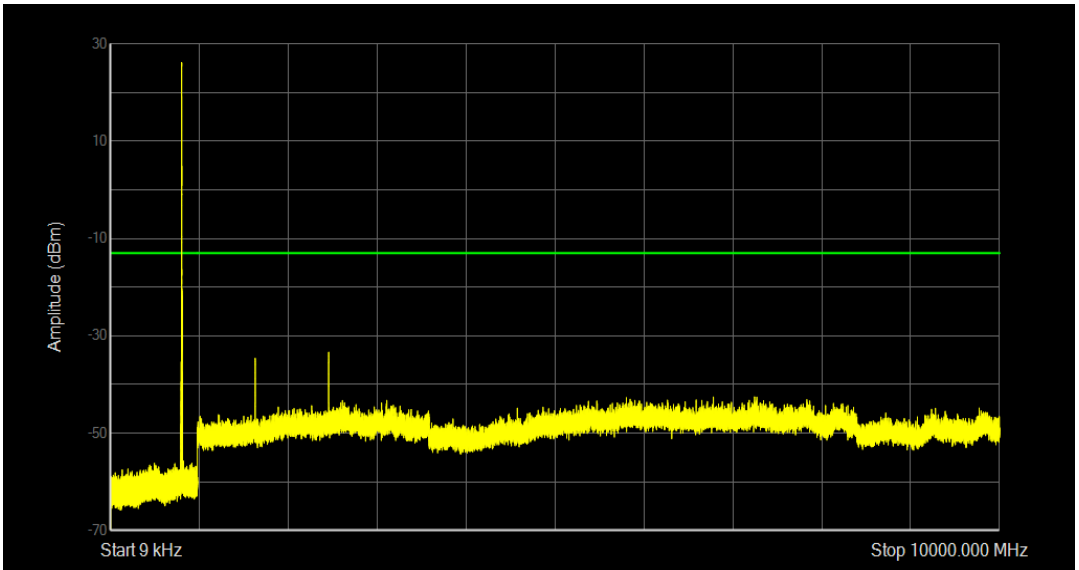
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-52.06	-13
2	0.15	30	10	0.15597	-51.24	-13
3	30	1000	100	921.93925	-55.74	-13
4	1000	10000	1000	6735.25	-41.52	-13

Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



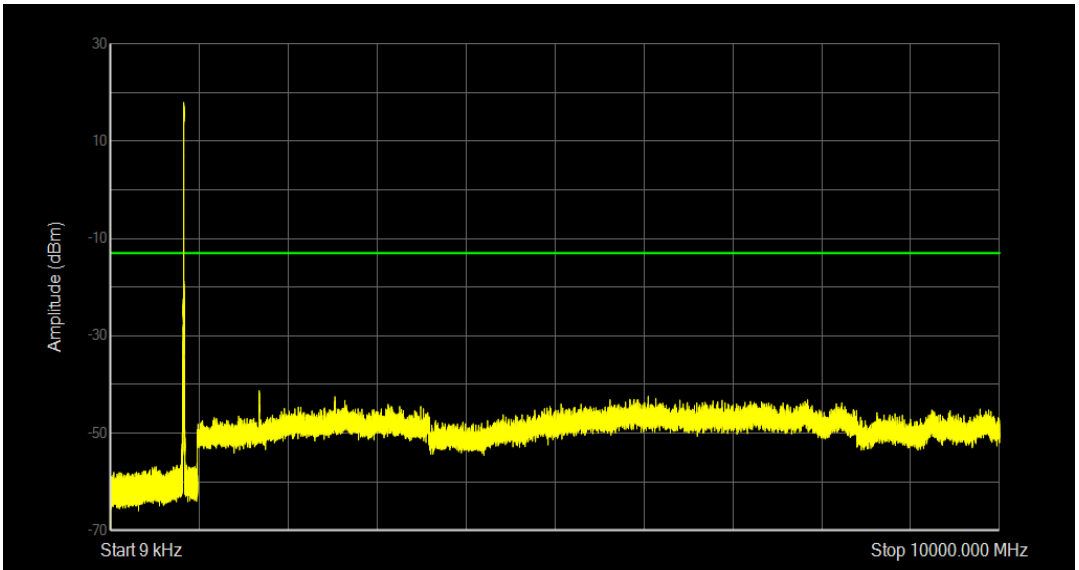
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102549	-50.96	-13
2	0.15	30	10	0.152985	-50.45	-13
3	30	1000	100	865.17	-55.93	-13
4	1000	10000	1000	2506.375	-38.93	-13

Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



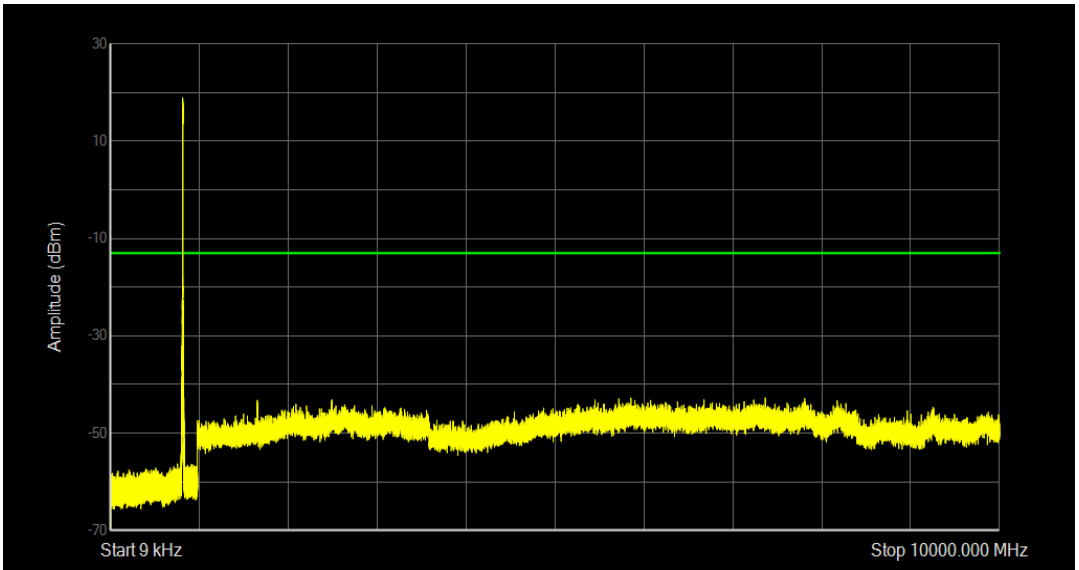
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01450605	-50.69	-13
2	0.15	30	10	0.15671625	-51.34	-13
3	30	1000	100	940.22375	-56.15	-13
4	1000	10000	1000	2473.75	-33.38	-13

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



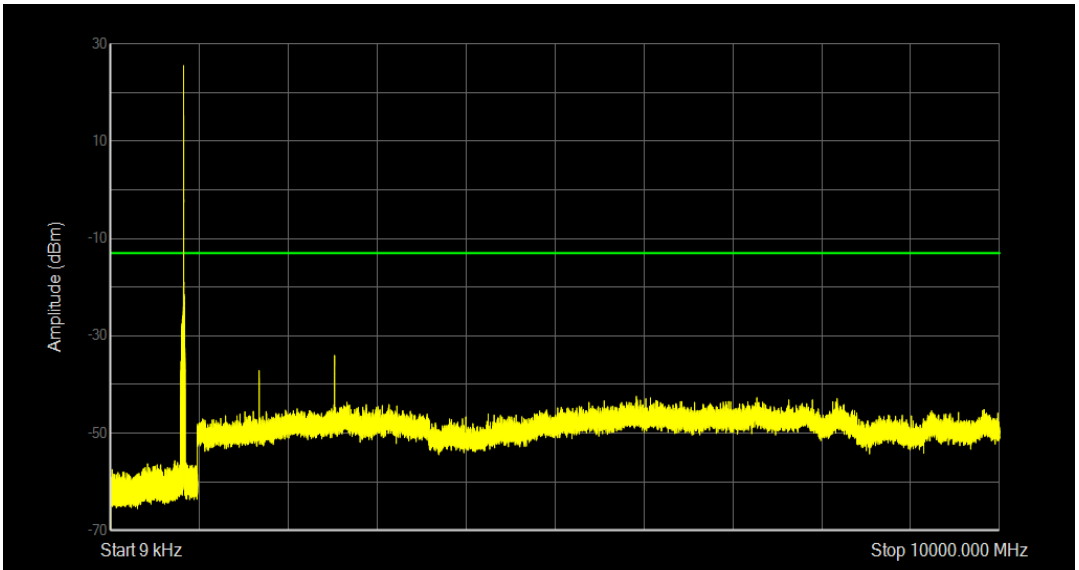
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009282	-51.48	-13
2	0.15	30	10	0.15	-50.22	-13
3	30	1000	100	997.45375	-56.2	-13
4	1000	10000	1000	1693.9	-41.25	-13

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



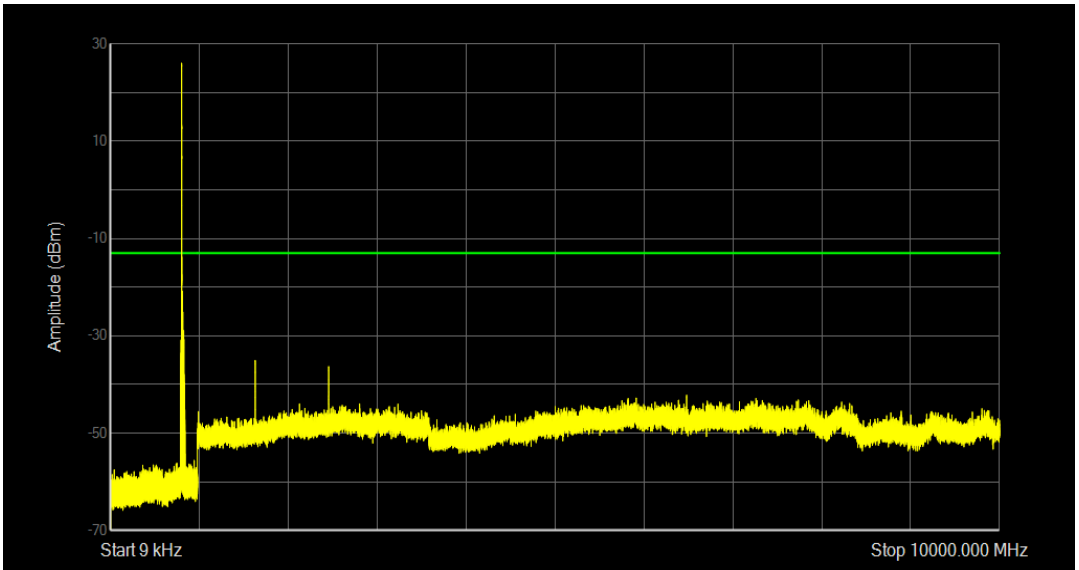
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011534475	-52.28	-13
2	0.15	30	10	0.16194	-51.11	-13
3	30	1000	100	777.9185	-56.3	-13
4	1000	10000	1000	7371.775	-42.77	-13

Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



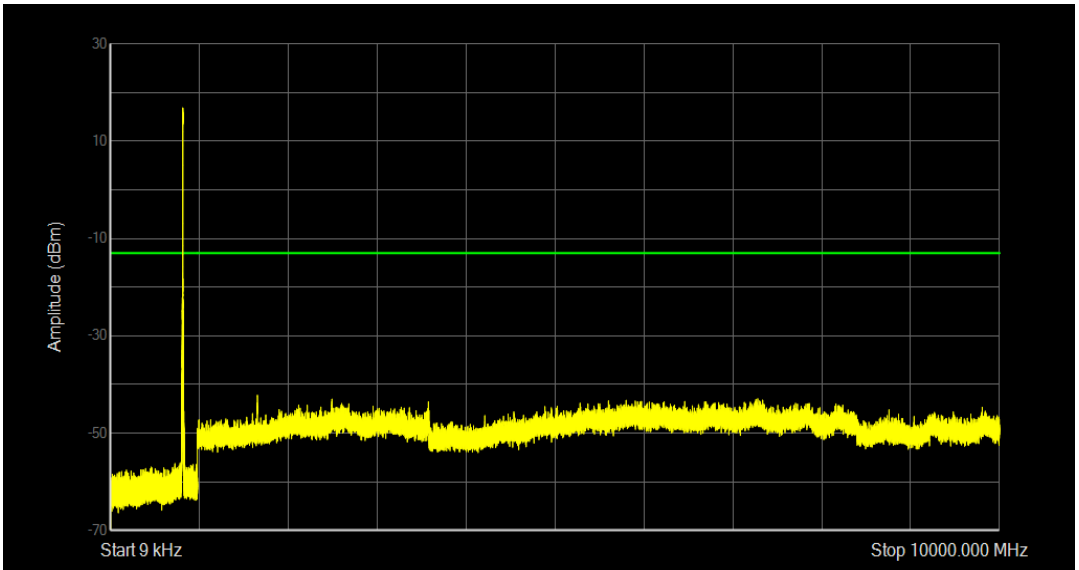
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010914075	-51.66	-13
2	0.15	30	10	0.1574625	-51.96	-13
3	30	1000	100	747.121	-55.66	-13
4	1000	10000	1000	2539.45	-34.05	-13

Band5 QAM16 BW=3MHz Channel=20415 RB Size=1 Position=#0



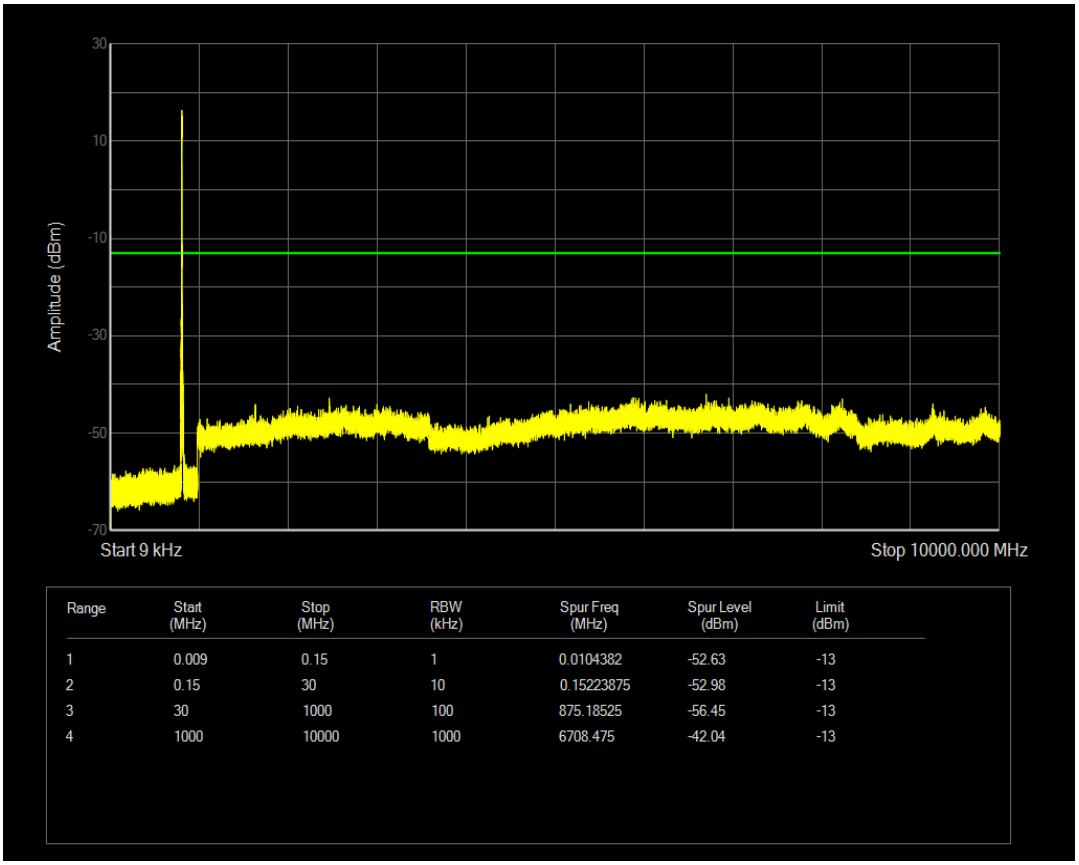
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013371	-52.22	-13
2	0.15	30	10	0.1544775	-49.12	-13
3	30	1000	100	964.013	-55.61	-13
4	1000	10000	1000	1649.125	-35.06	-13

Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



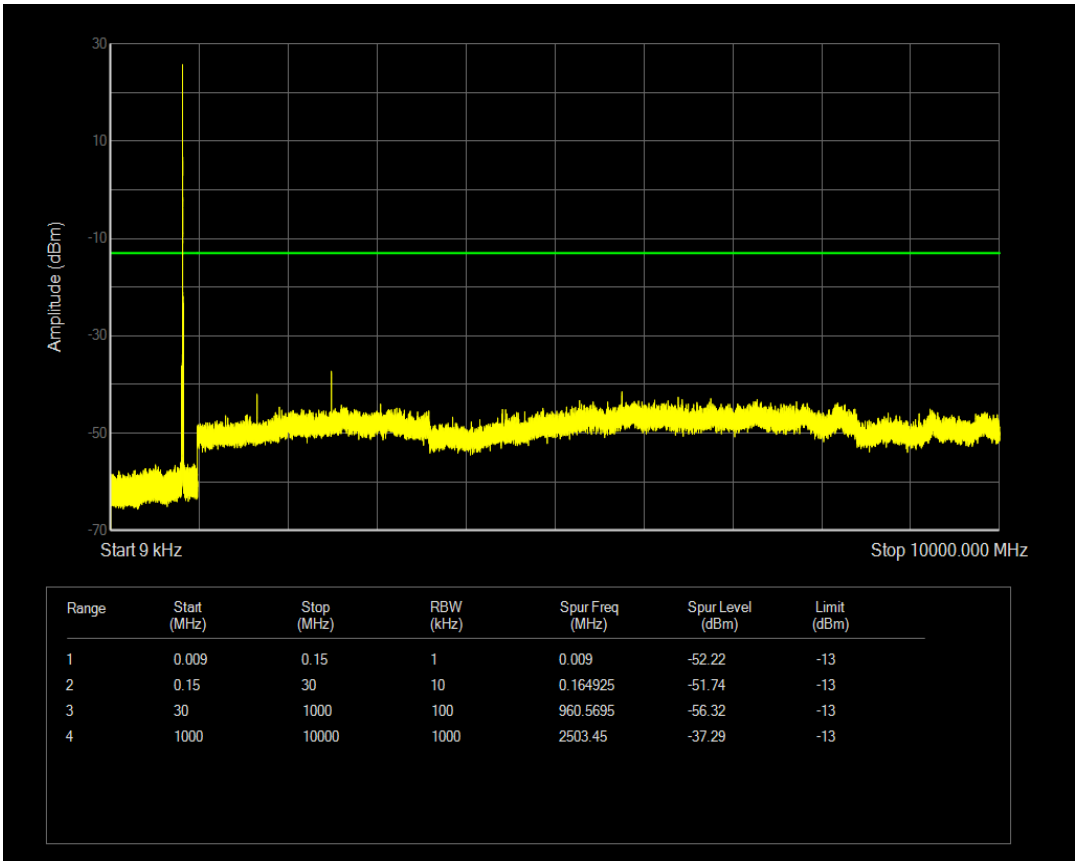
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010350075	-50.94	-13
2	0.15	30	10	0.16119375	-50.66	-13
3	30	1000	100	806.16975	-56.19	-13
4	1000	10000	1000	1674.1	-42.21	-13

Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



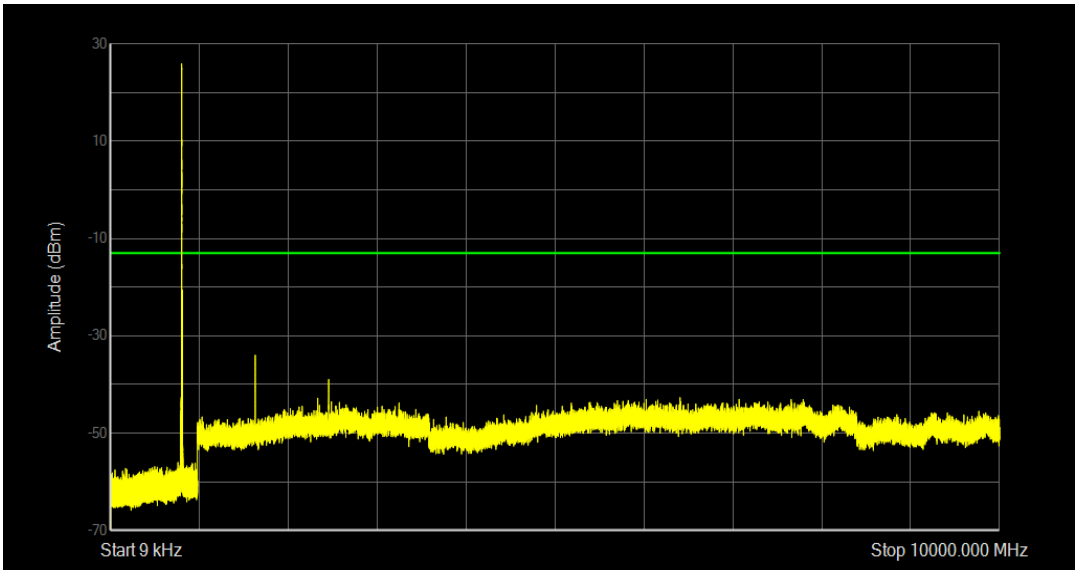
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104382	-52.63	-13
2	0.15	30	10	0.15223875	-52.98	-13
3	30	1000	100	875.18525	-56.45	-13
4	1000	10000	1000	6708.475	-42.04	-13

Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



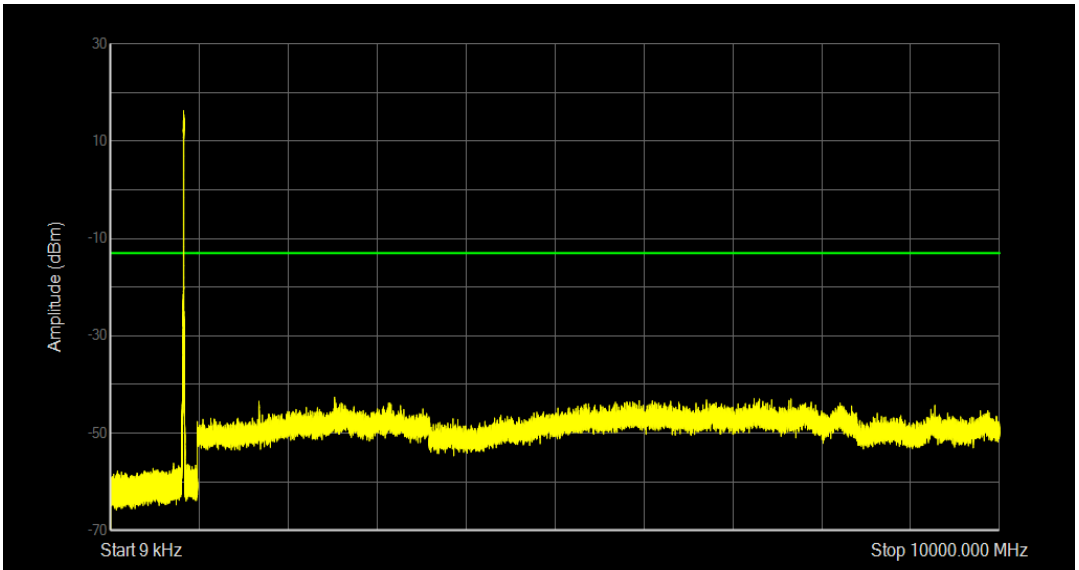
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-52.22	-13
2	0.15	30	10	0.164925	-51.74	-13
3	30	1000	100	960.5695	-56.32	-13
4	1000	10000	1000	2503.45	-37.29	-13

Band5 QAM16 BW=5MHz Channel=20425 RB Size=1 Position=#0



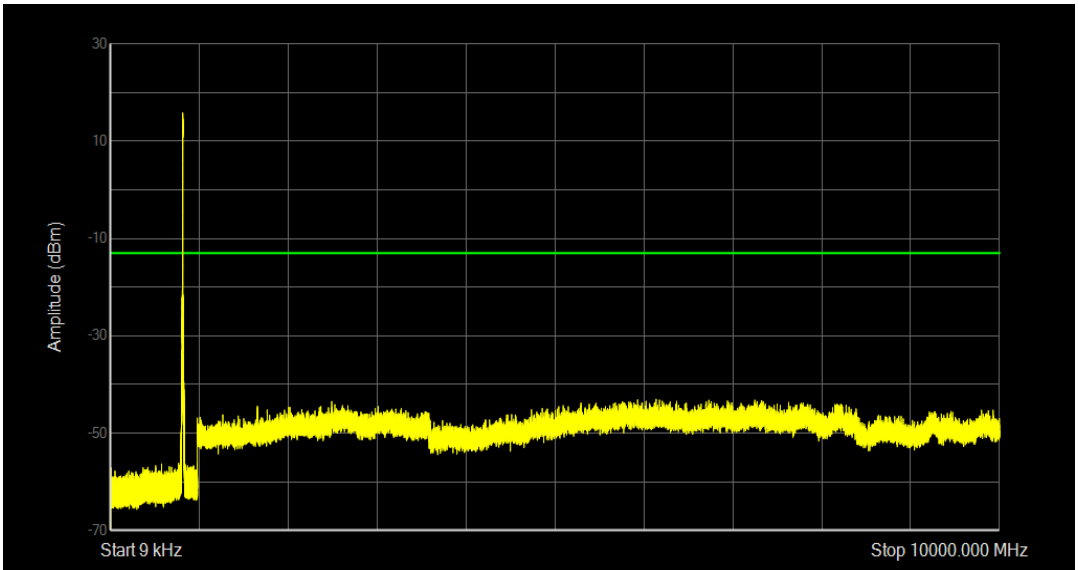
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010899975	-51.14	-13
2	0.15	30	10	0.15522375	-51.37	-13
3	30	1000	100	782.64725	-56.04	-13
4	1000	10000	1000	1649.35	-34	-13

Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0



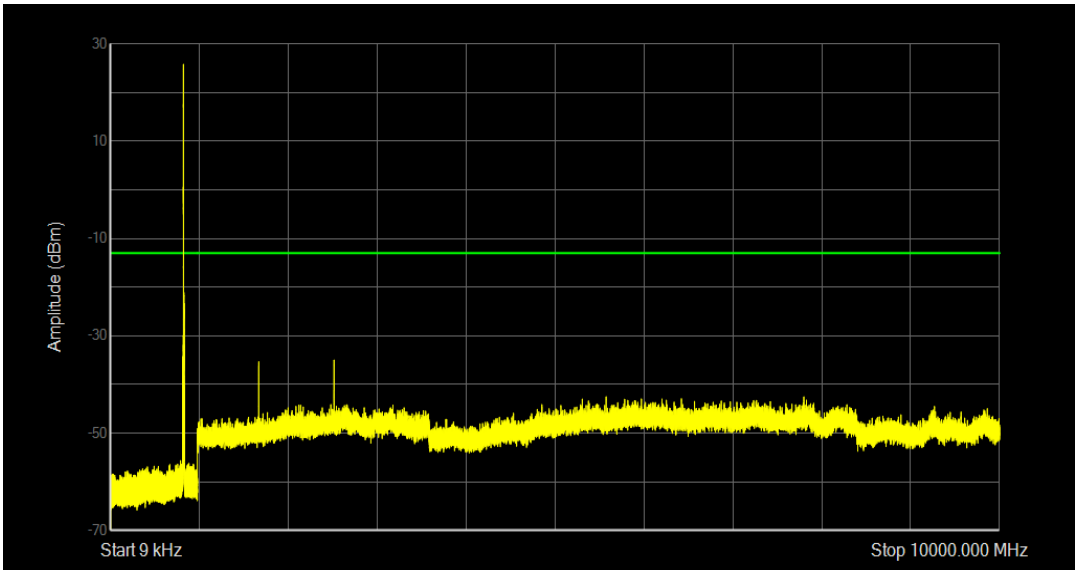
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05318235	-52.88	-13
2	0.15	30	10	0.16194	-52.88	-13
3	30	1000	100	734.026	-56.22	-13
4	1000	10000	1000	2539.9	-42.62	-13

Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



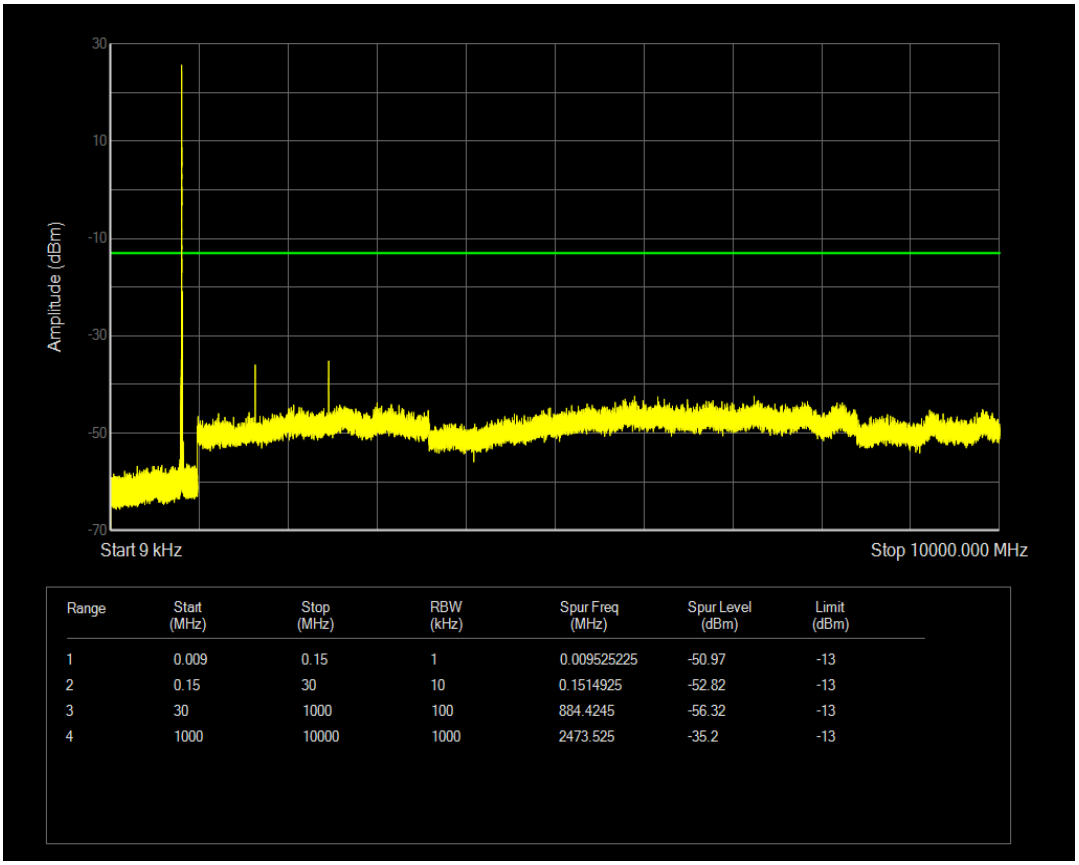
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100998	-51.3	-13
2	0.15	30	10	0.1604475	-51.95	-13
3	30	1000	100	790.55275	-56.18	-13
4	1000	10000	1000	6147.1	-43.03	-13

Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#0



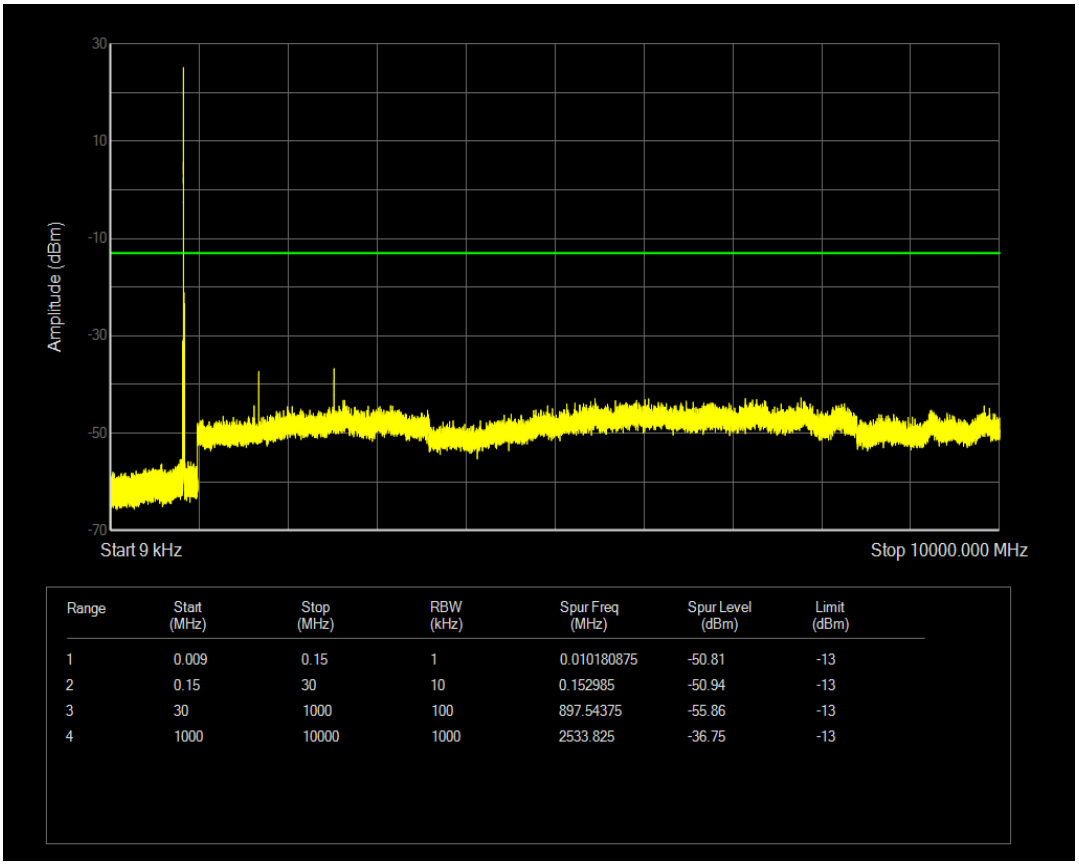
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0128211	-52.24	-13
2	0.15	30	10	0.15	-52.57	-13
3	30	1000	100	905.231	-56.24	-13
4	1000	10000	1000	2534.05	-34.99	-13

Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



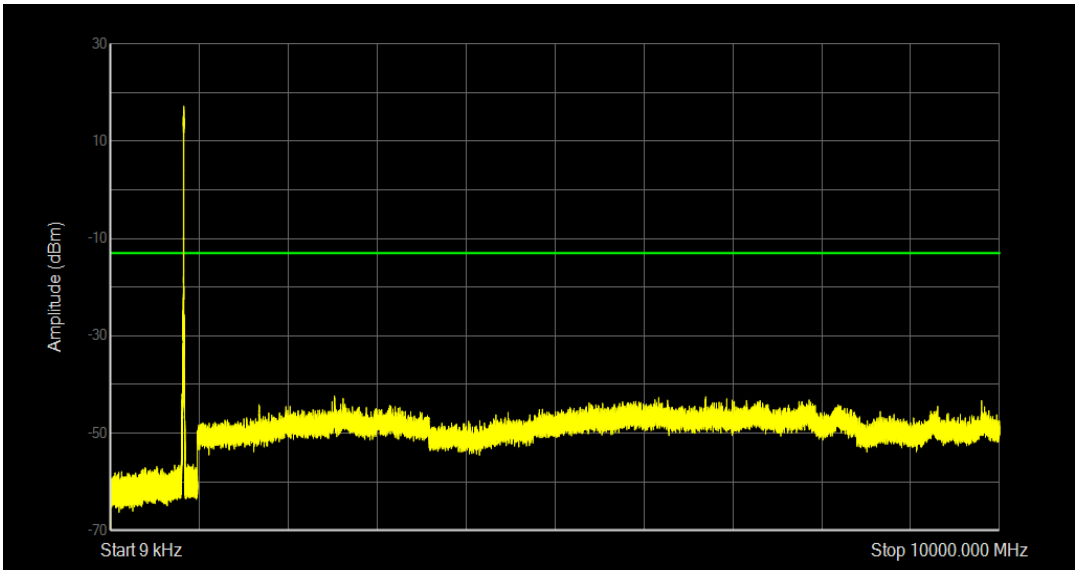
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009525225	-50.97	-13
2	0.15	30	10	0.1514925	-52.82	-13
3	30	1000	100	884.4245	-56.32	-13
4	1000	10000	1000	2473.525	-35.2	-13

Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



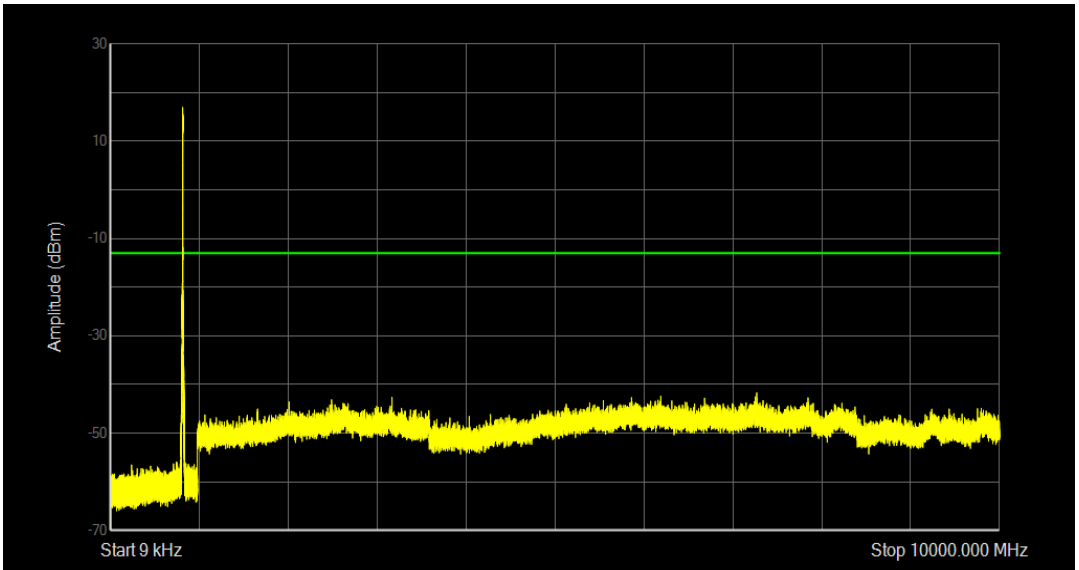
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010180875	-50.81	-13
2	0.15	30	10	0.152985	-50.94	-13
3	30	1000	100	897.54375	-55.86	-13
4	1000	10000	1000	2533.825	-36.75	-13

Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



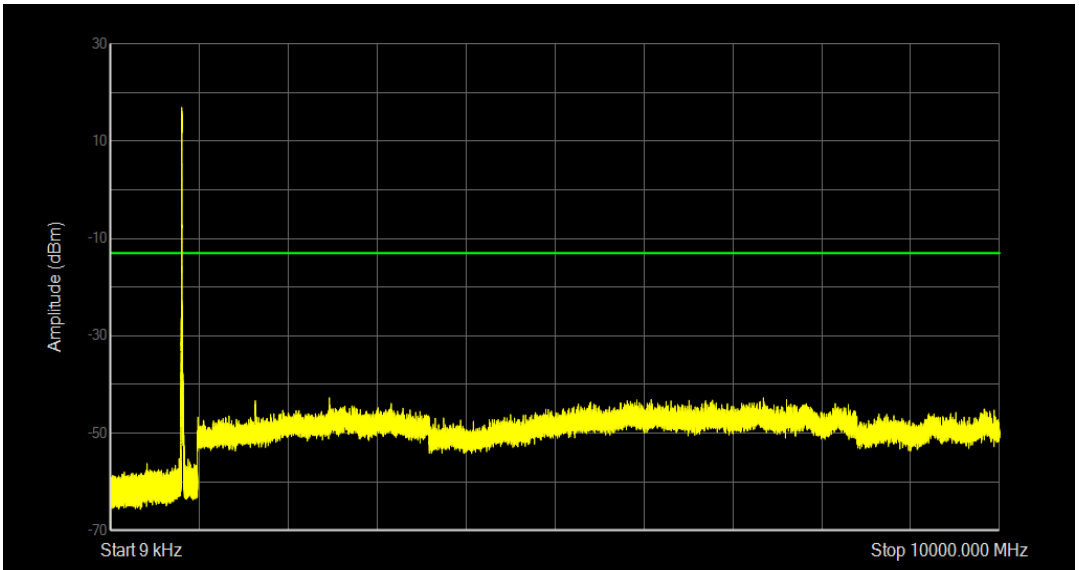
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010131525	-51.56	-13
2	0.15	30	10	0.16716375	-53.02	-13
3	30	1000	100	894.97325	-56.43	-13
4	1000	10000	1000	2538.55	-42.35	-13

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



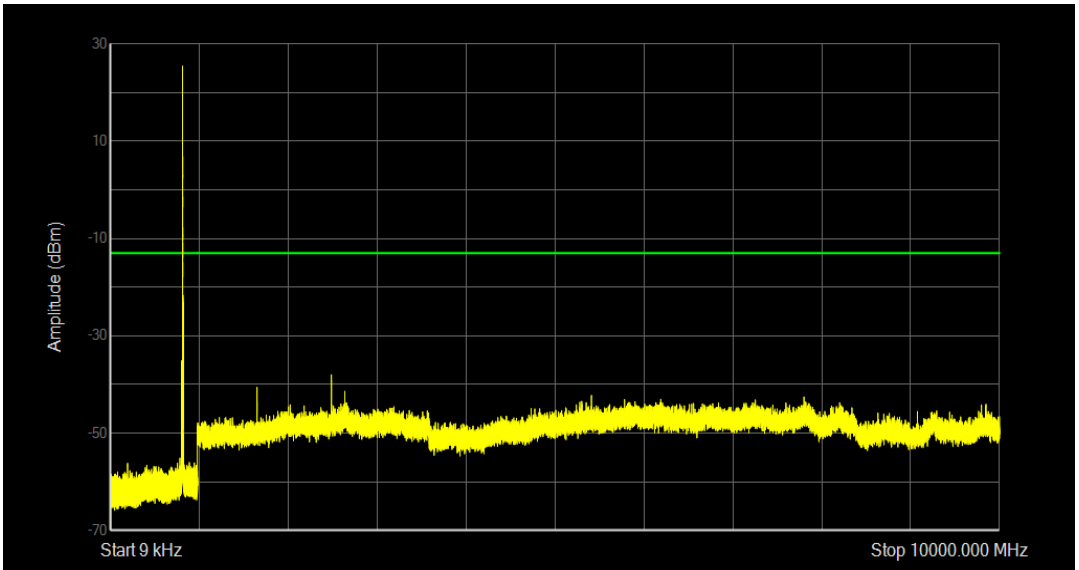
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-51.67	-13
2	0.15	30	10	0.1544775	-51.13	-13
3	30	1000	100	764.387	-55.93	-13
4	1000	10000	1000	7275.475	-41.7	-13

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



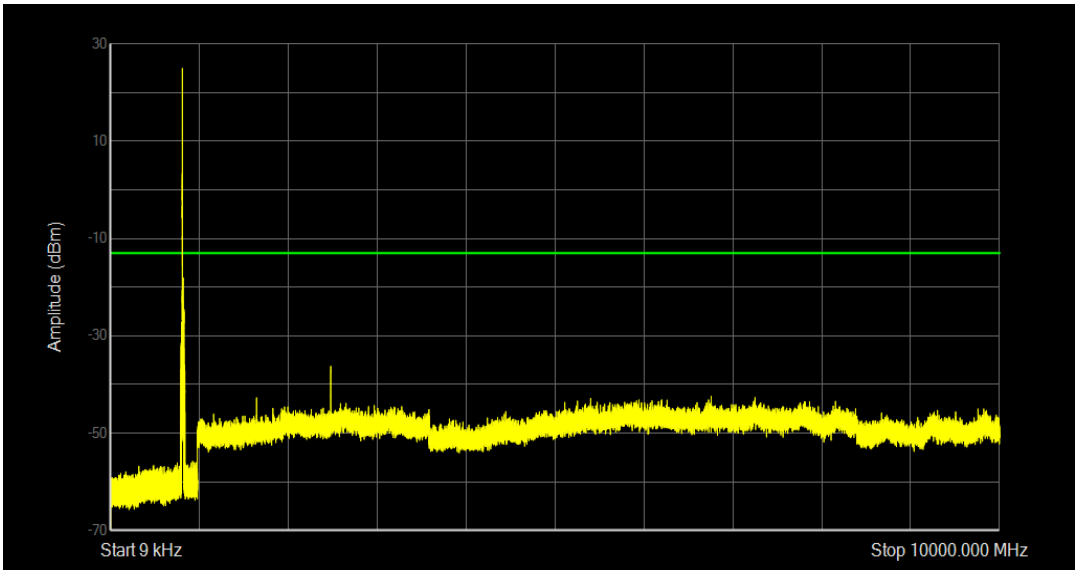
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009081075	-51.43	-13
2	0.15	30	10	0.1544775	-53.4	-13
3	30	1000	100	796.22725	-55.21	-13
4	1000	10000	1000	2481.175	-42.75	-13

Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



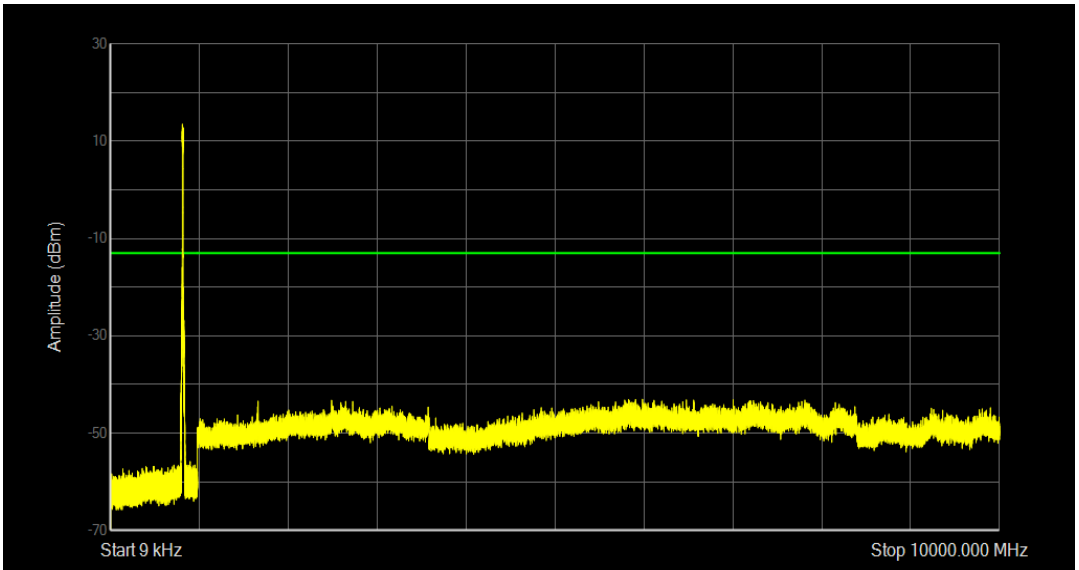
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010547475	-51.61	-13
2	0.15	30	10	0.15	-50.93	-13
3	30	1000	100	910.6145	-56.03	-13
4	1000	10000	1000	2503.675	-38	-13

Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



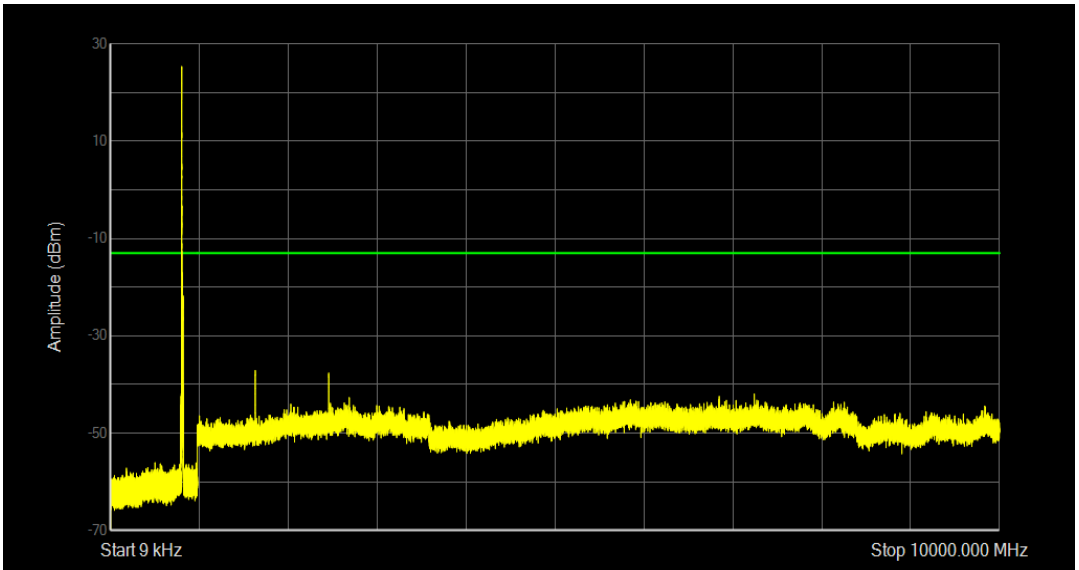
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00902115	-50.73	-13
2	0.15	30	10	0.16567125	-51.63	-13
3	30	1000	100	946.6015	-55.8	-13
4	1000	10000	1000	2497.15	-36.29	-13

Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



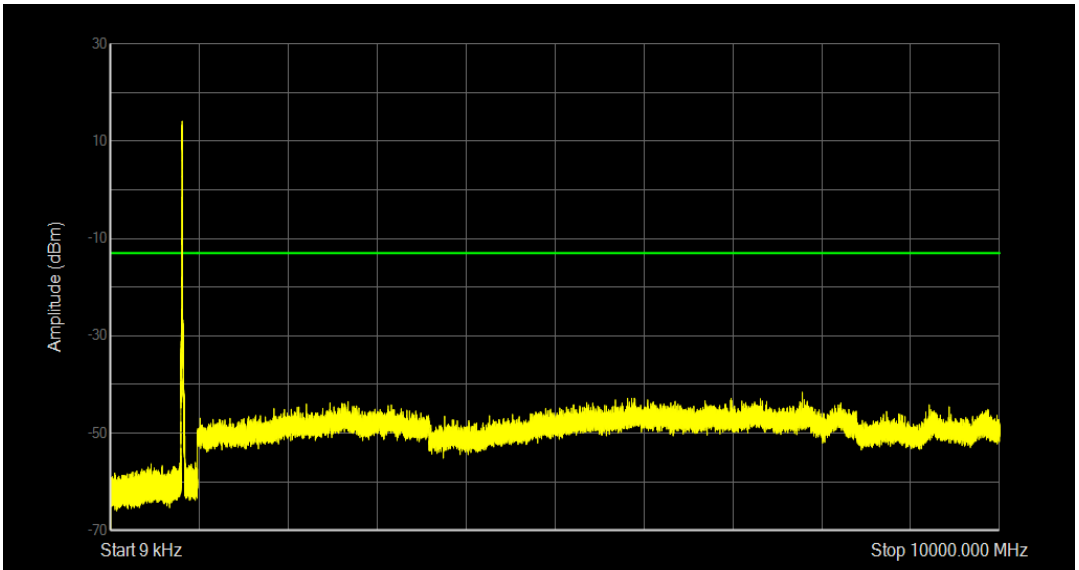
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009282	-51.93	-13
2	0.15	30	10	0.15074625	-51.32	-13
3	30	1000	100	919.587	-55.85	-13
4	1000	10000	1000	5993.65	-43.04	-13

Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



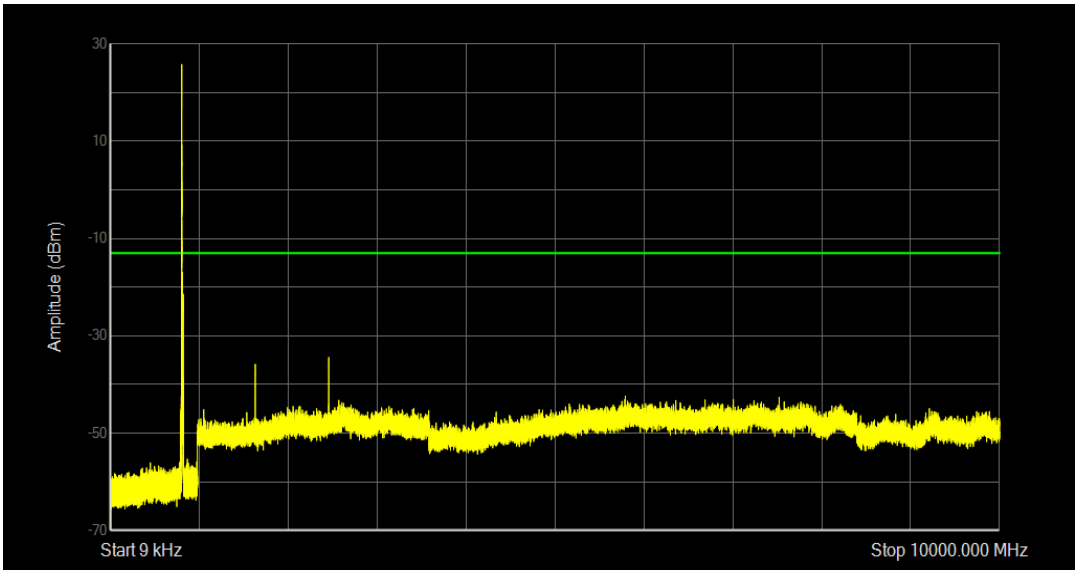
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090846	-50.45	-13
2	0.15	30	10	0.15	-52.14	-13
3	30	1000	100	525.3305	-56.08	-13
4	1000	10000	1000	1649.575	-37.16	-13

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



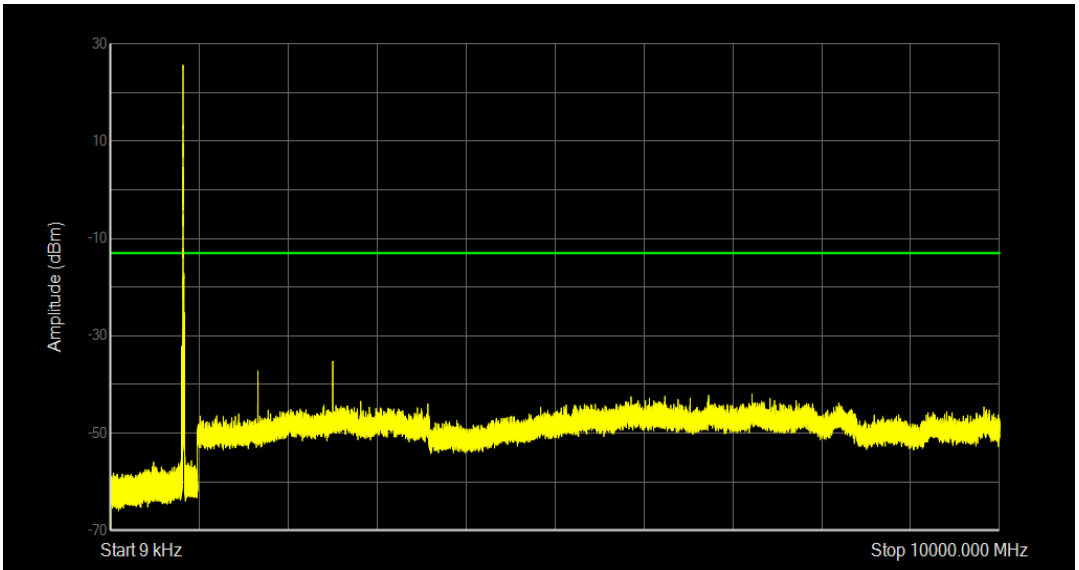
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092538	-52.03	-13
2	0.15	30	10	0.15820875	-52.1	-13
3	30	1000	100	977.8355	-56.03	-13
4	1000	10000	1000	7787.35	-41.6	-13

Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#0



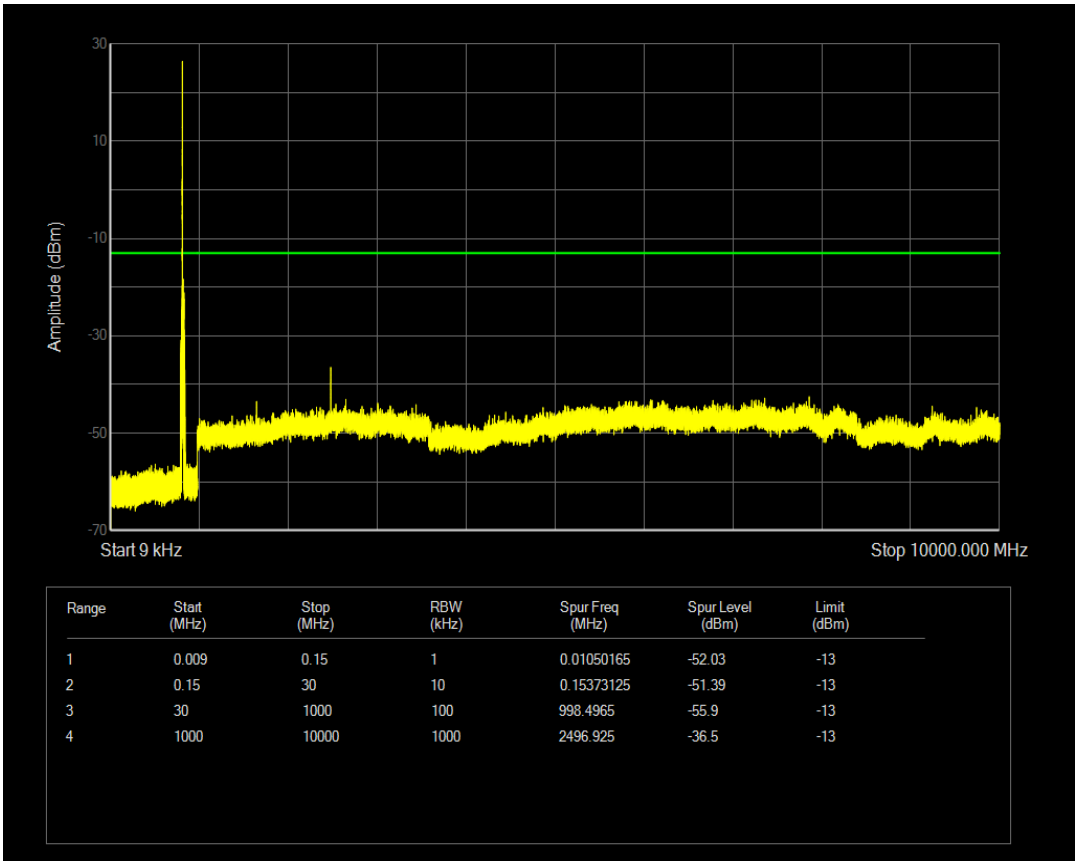
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-52.18	-13
2	0.15	30	10	0.16567125	-51.78	-13
3	30	1000	100	993.76775	-55.91	-13
4	1000	10000	1000	2474.2	-34.46	-13

Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#0



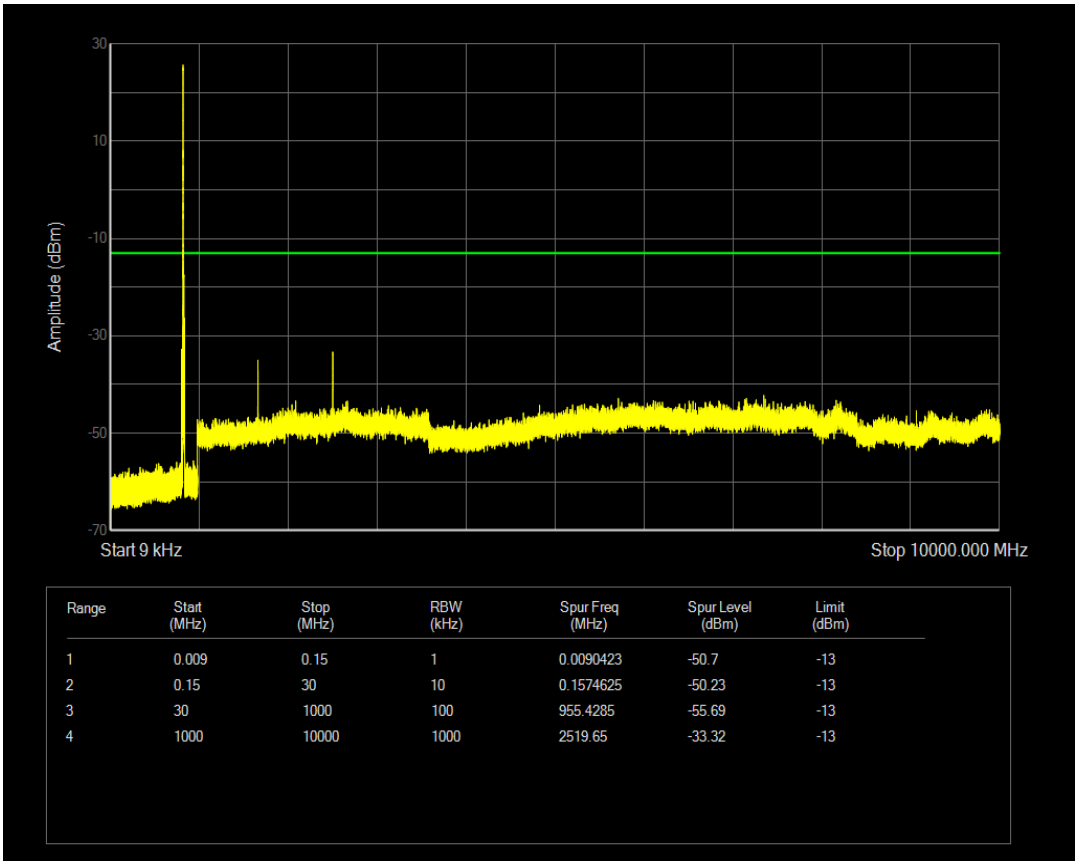
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009497025	-51.87	-13
2	0.15	30	10	0.1514925	-51.41	-13
3	30	1000	100	933.943	-55.73	-13
4	1000	10000	1000	2519.2	-35.22	-13

Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



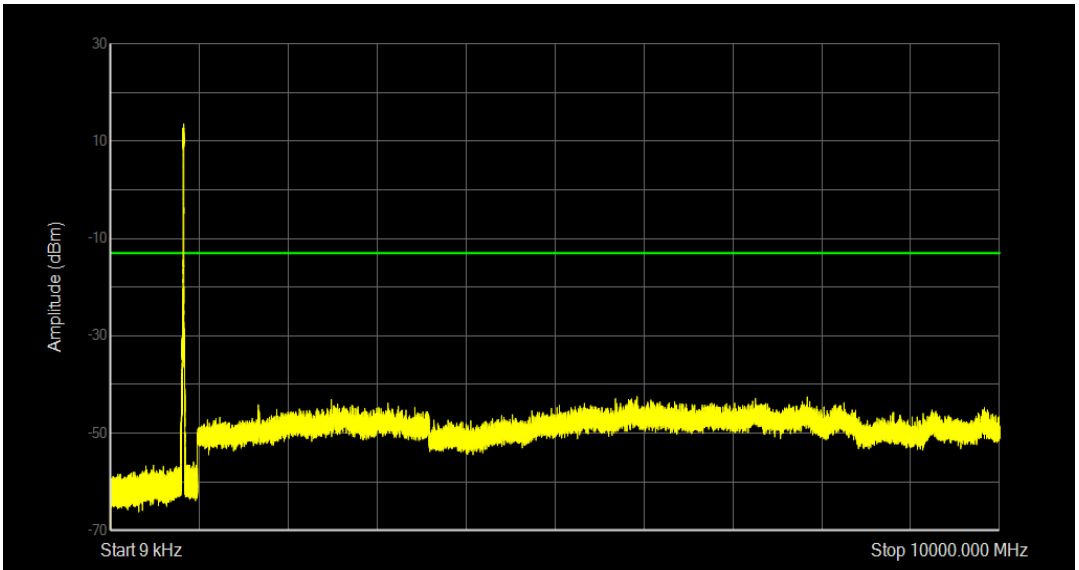
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01050165	-52.03	-13
2	0.15	30	10	0.15373125	-51.39	-13
3	30	1000	100	998.4965	-55.9	-13
4	1000	10000	1000	2496.925	-36.5	-13

Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



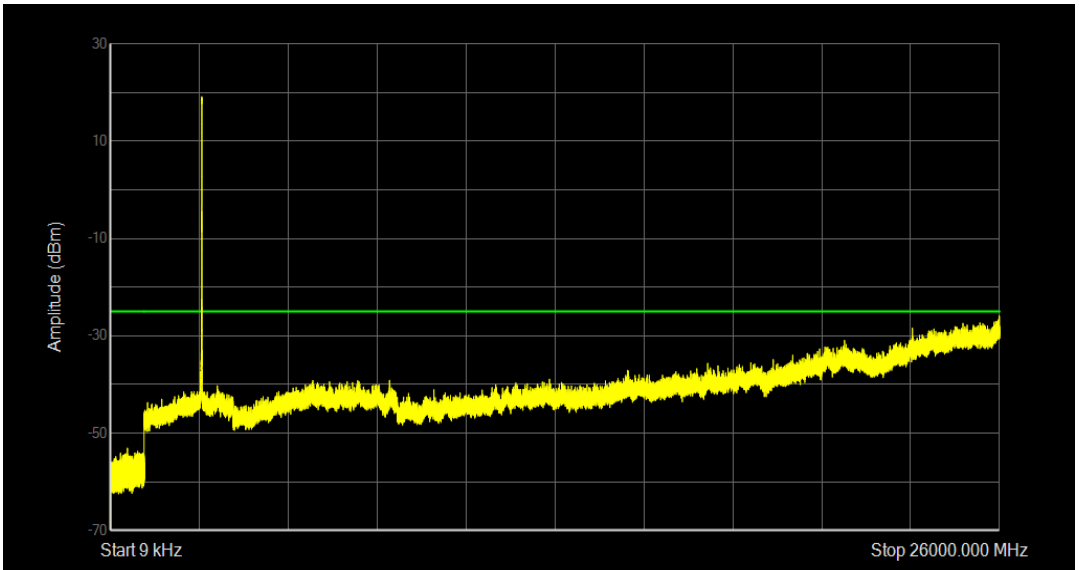
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090423	-50.7	-13
2	0.15	30	10	0.1574625	-50.23	-13
3	30	1000	100	955.4285	-55.69	-13
4	1000	10000	1000	2519.65	-33.32	-13

Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



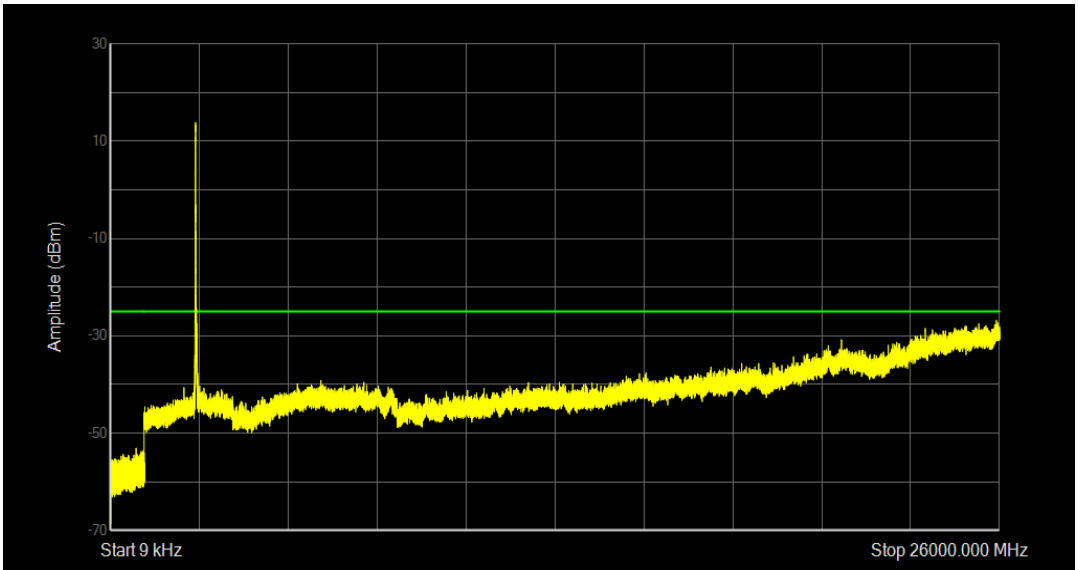
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011421675	-51.7	-13
2	0.15	30	10	0.1902975	-51.48	-13
3	30	1000	100	957.126	-55.92	-13
4	1000	10000	1000	5934.25	-42.51	-13

Band41 QAM16 BW=5MHz Channel=41565 RB Size=25 Position=#0



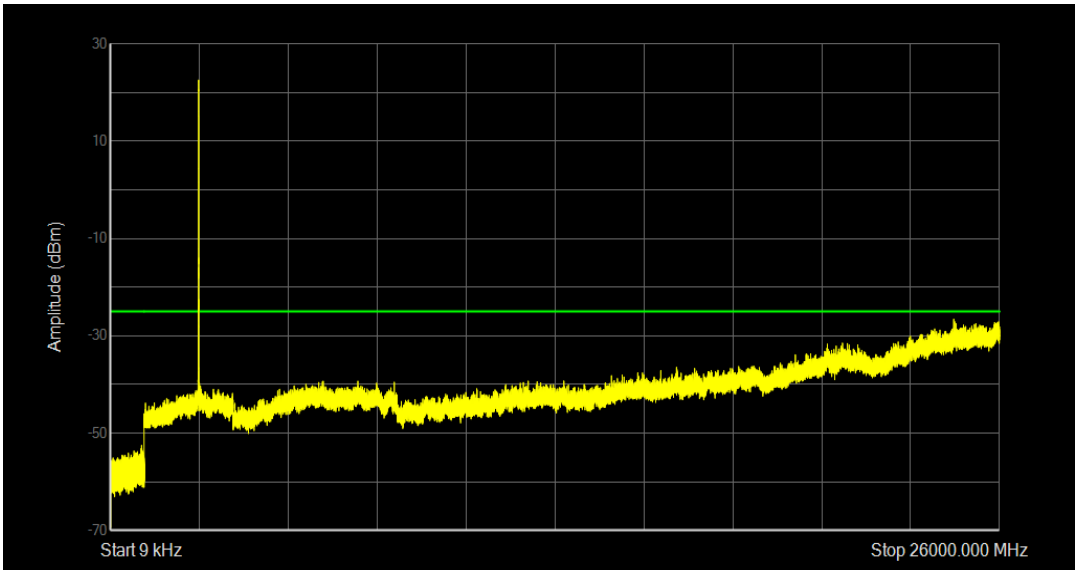
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530766	-39.41	-25
2	0.15	30	10	0.15597	-45.71	-25
3	30	1000	100	515.8245	-53.08	-25
4	1000	26000	1000	25988.75	-25.87	-25

Band41 QPSK BW=10MHz Channel=39700 RB Size=50 Position=#0



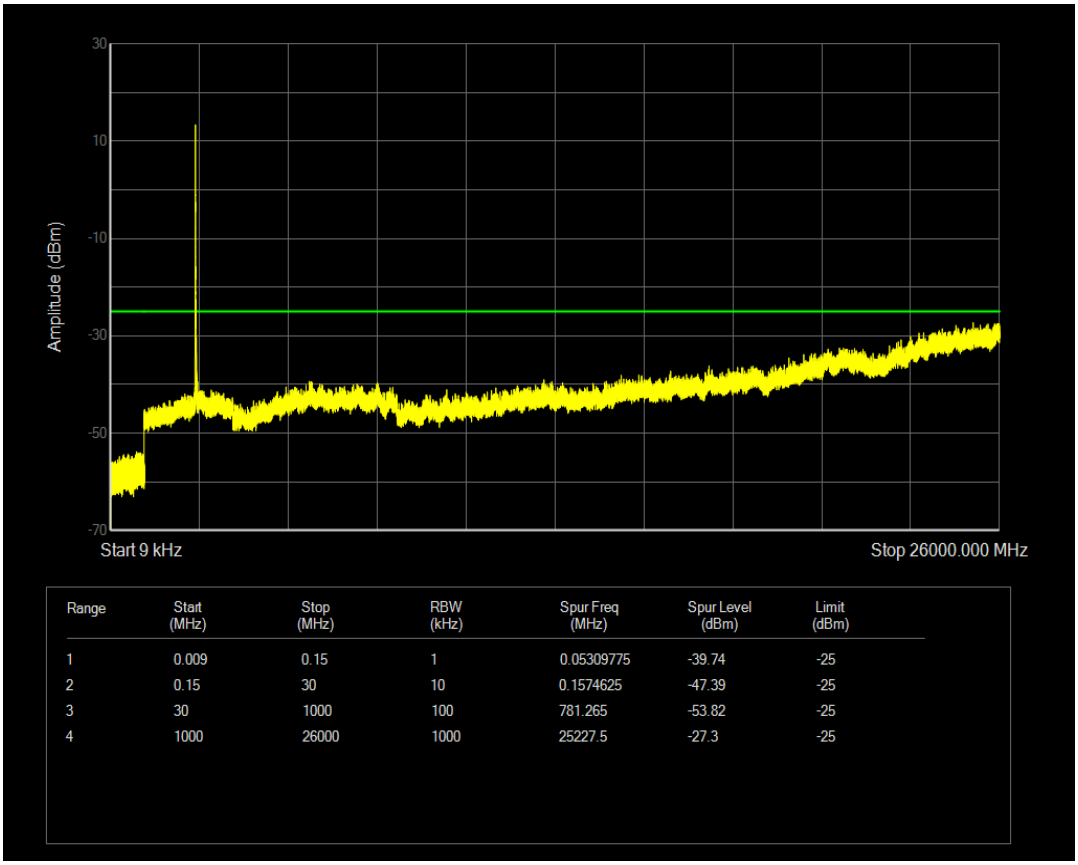
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05306955	-40.05	-25
2	0.15	30	10	0.15522375	-46.2	-25
3	30	1000	100	765.648	-53.11	-25
4	1000	26000	1000	25906.875	-26.81	-25

Band41 QAM16 BW=5MHz Channel=40620 RB Size=25 Position=#0



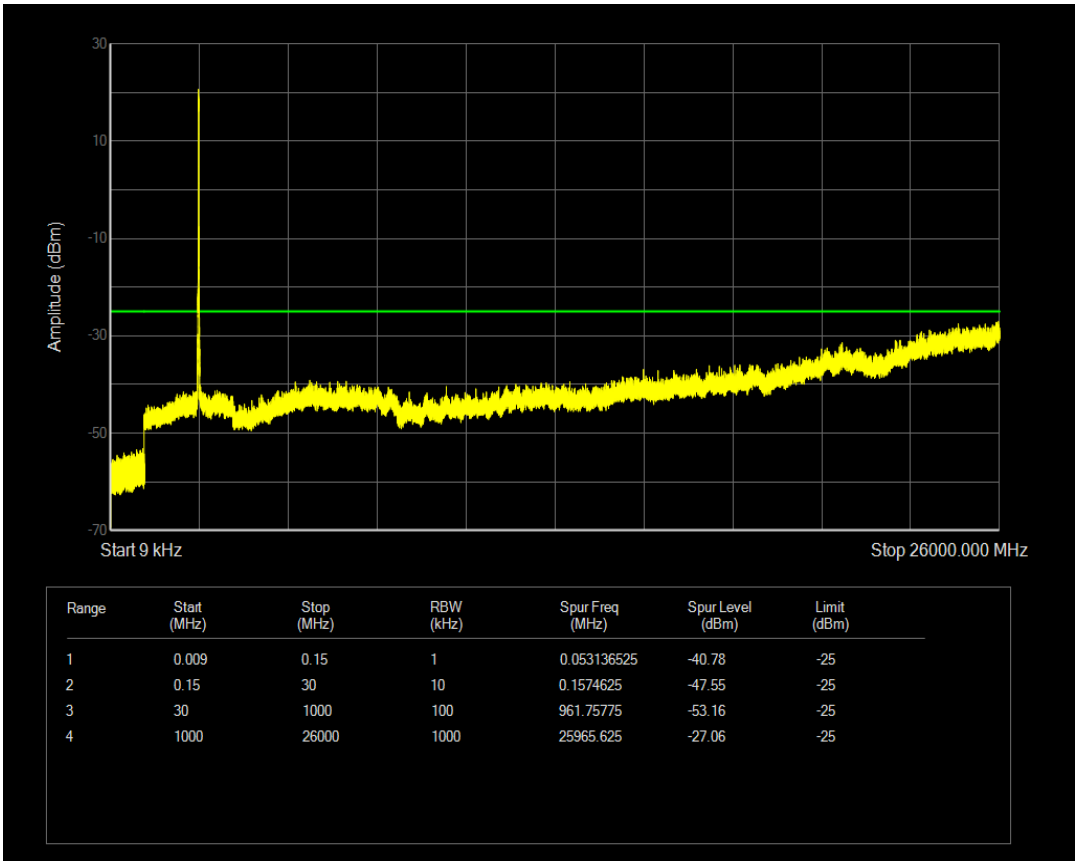
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05311185	-39.42	-25
2	0.15	30	10	0.1544775	-46.94	-25
3	30	1000	100	927.12875	-52.55	-25
4	1000	26000	1000	24660.625	-26.57	-25

Band41 QAM16 BW=5MHz Channel=39675 RB Size=25 Position=#0



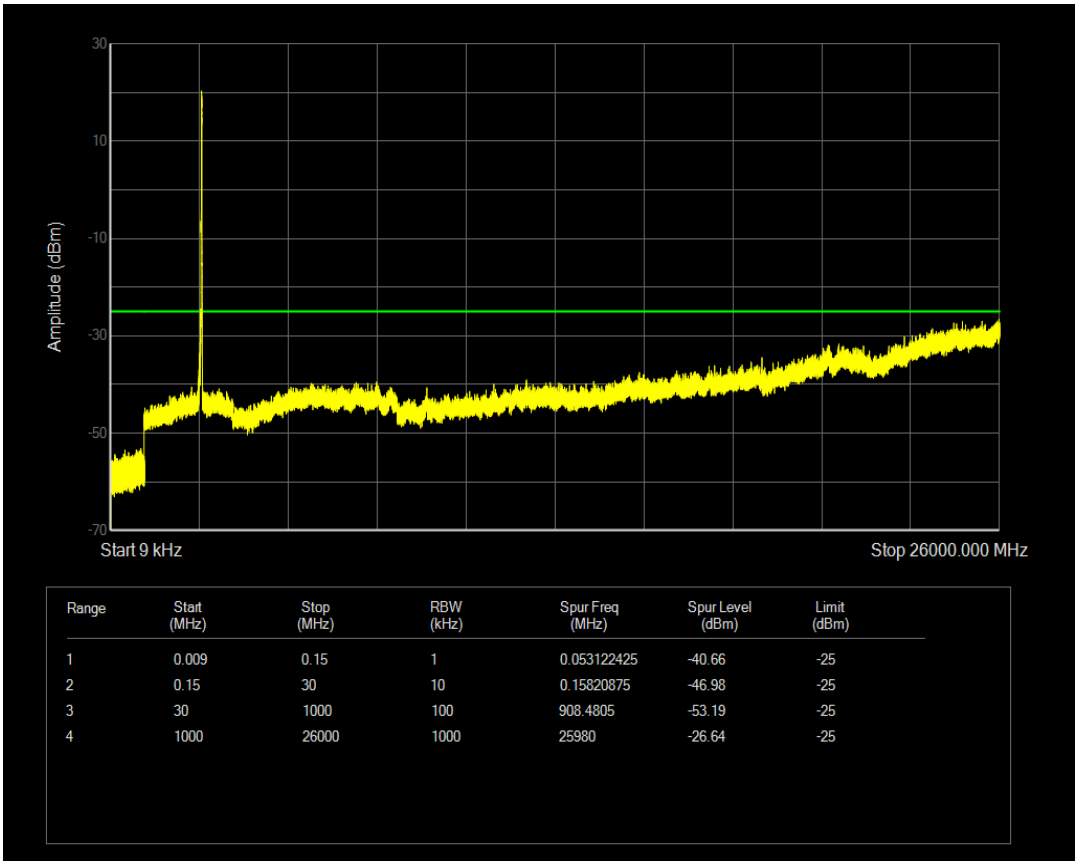
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-39.74	-25
2	0.15	30	10	0.1574625	-47.39	-25
3	30	1000	100	781.265	-53.82	-25
4	1000	26000	1000	25227.5	-27.3	-25

Band41 QPSK BW=15MHz Channel=40620 RB Size=75 Position=#0



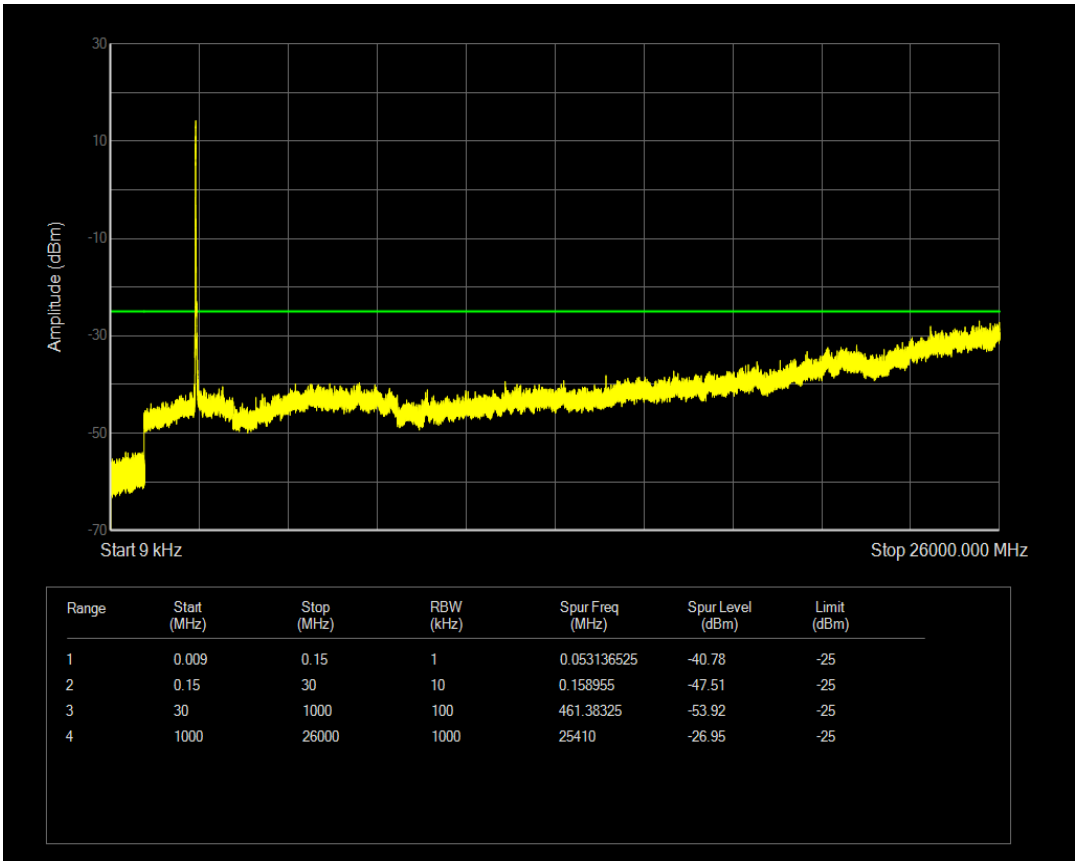
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053136525	-40.78	-25
2	0.15	30	10	0.1574625	-47.55	-25
3	30	1000	100	961.75775	-53.16	-25
4	1000	26000	1000	25965.625	-27.06	-25

Band41 QPSK BW=15MHz Channel=41515 RB Size=75 Position=#0



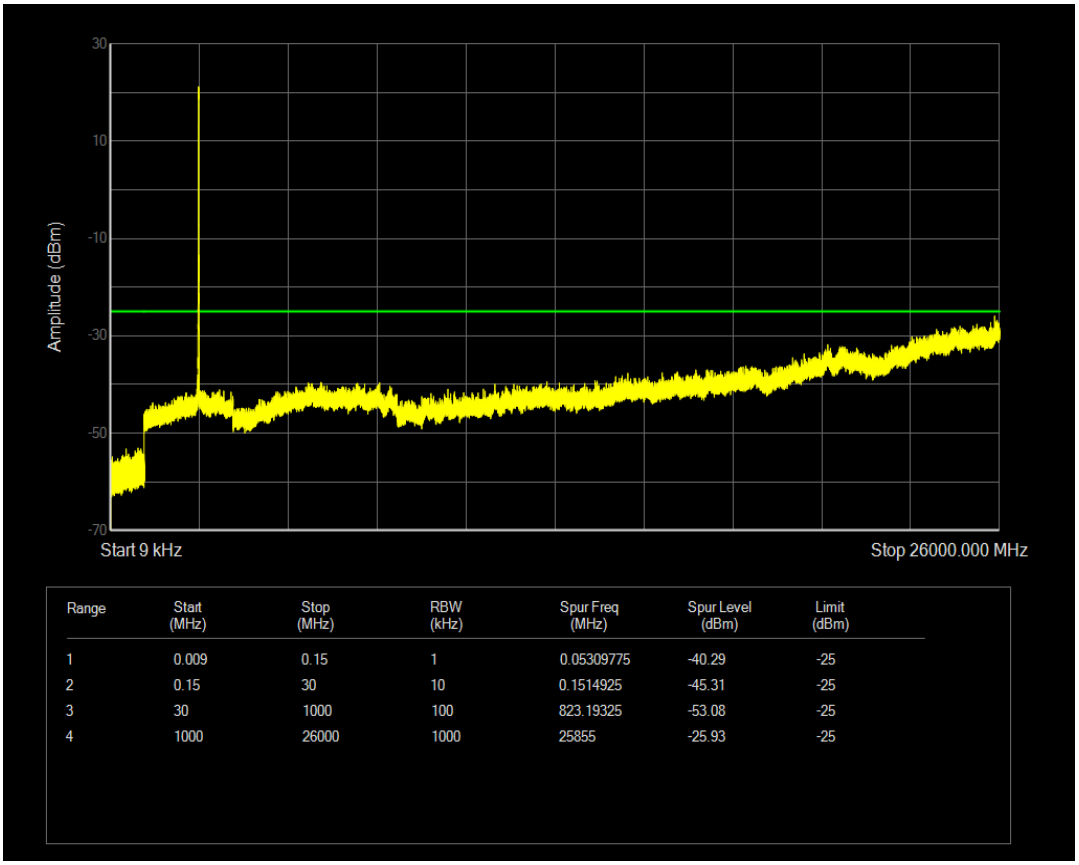
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-40.66	-25
2	0.15	30	10	0.15820875	-46.98	-25
3	30	1000	100	908.4805	-53.19	-25
4	1000	26000	1000	25980	-26.64	-25

Band41 QPSK BW=15MHz Channel=39725 RB Size=75 Position=#0



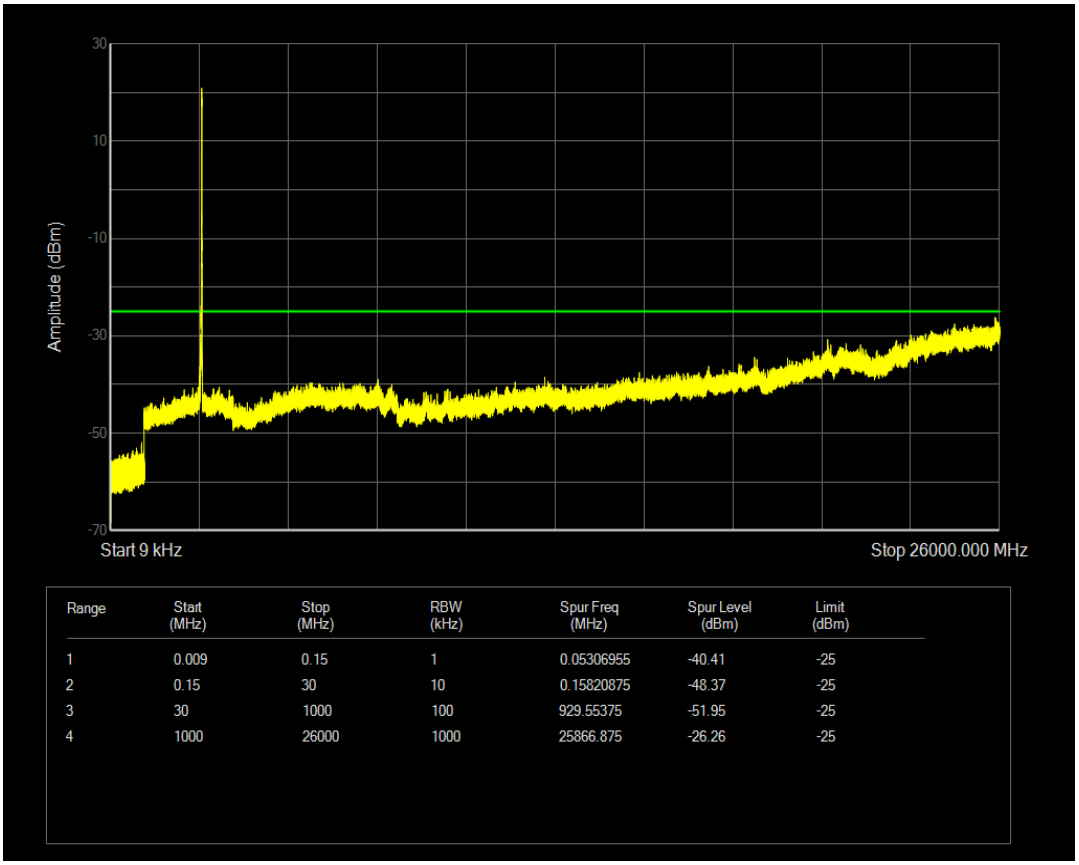
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053136525	-40.78	-25
2	0.15	30	10	0.158955	-47.51	-25
3	30	1000	100	461.38325	-53.92	-25
4	1000	26000	1000	25410	-26.95	-25

Band41 QPSK BW=10MHz Channel=40620 RB Size=50 Position=#0



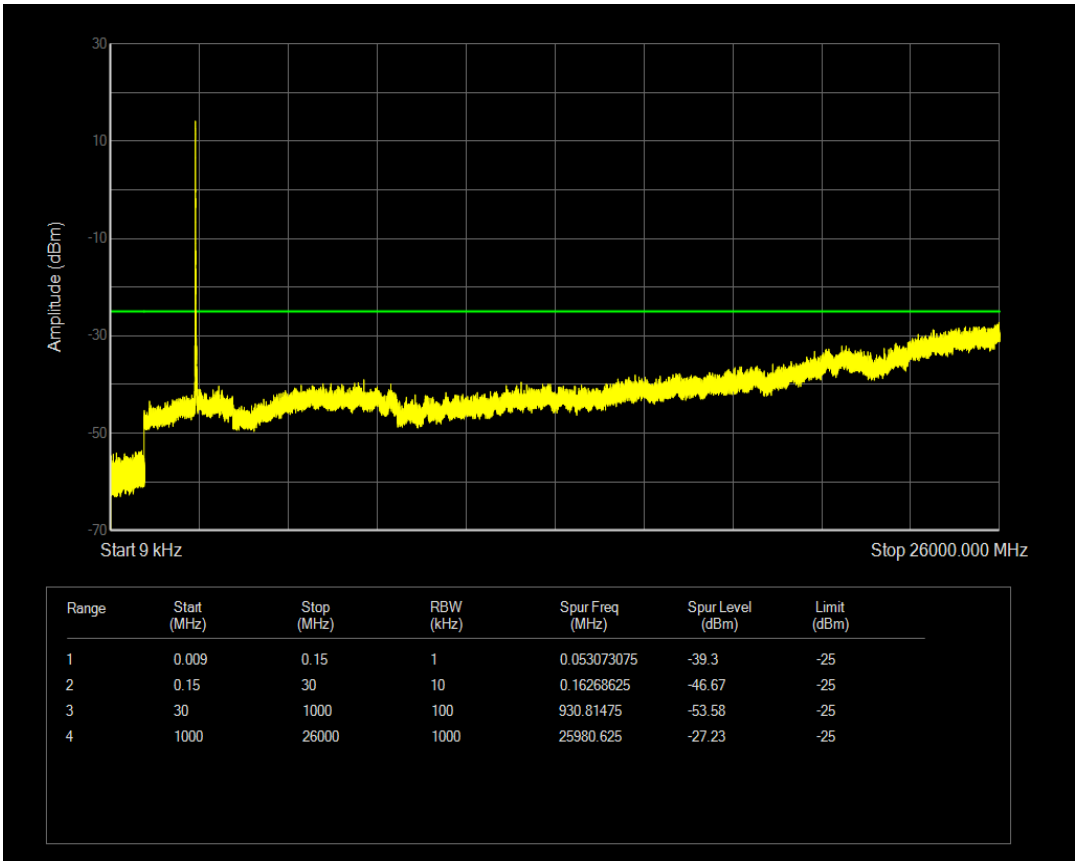
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-40.29	-25
2	0.15	30	10	0.1514925	-45.31	-25
3	30	1000	100	823.19325	-53.08	-25
4	1000	26000	1000	25855	-25.93	-25

Band41 QPSK BW=10MHz Channel=41540 RB Size=50 Position=#0



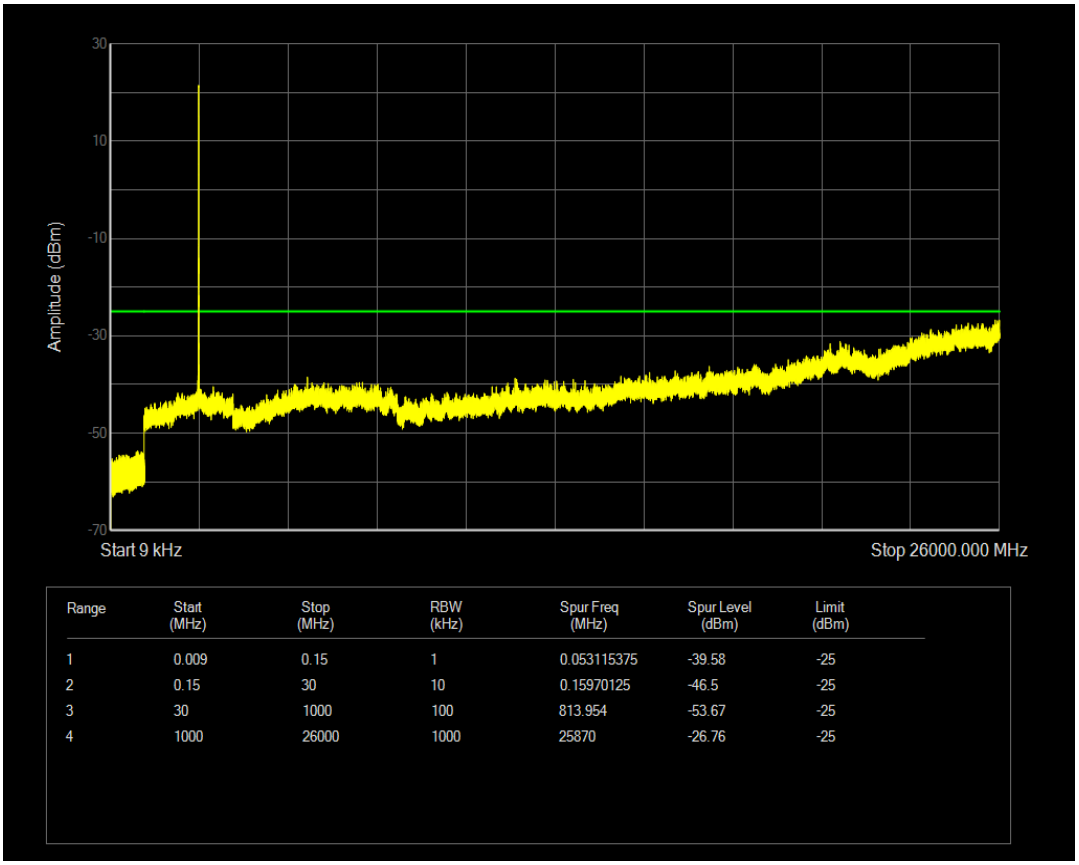
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05306955	-40.41	-25
2	0.15	30	10	0.15820875	-48.37	-25
3	30	1000	100	929.55375	-51.95	-25
4	1000	26000	1000	25866.875	-26.26	-25

Band41 QPSK BW=5MHz Channel=39675 RB Size=25 Position=#0



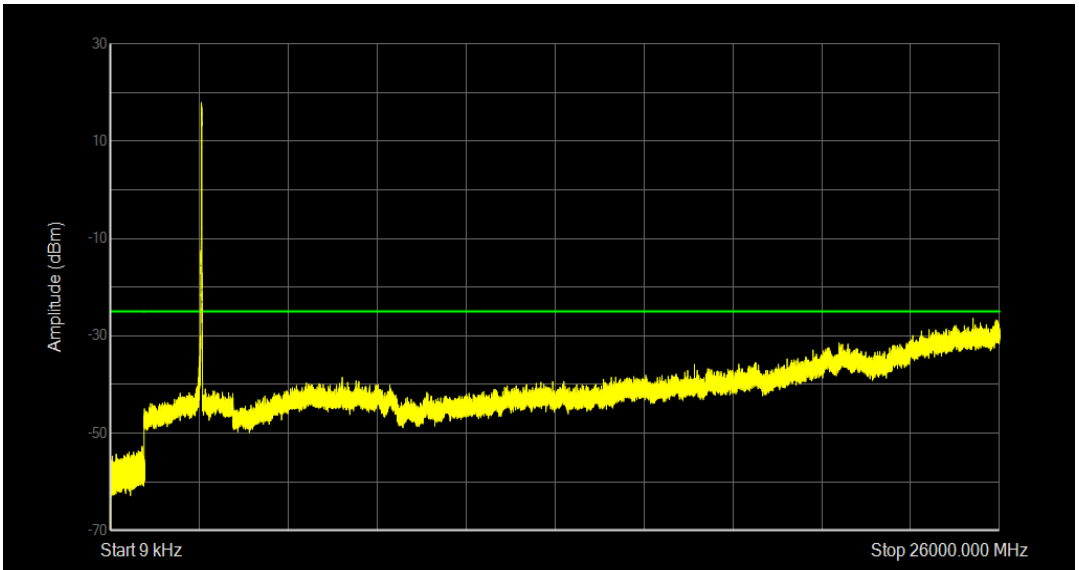
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053073075	-39.3	-25
2	0.15	30	10	0.16268625	-46.67	-25
3	30	1000	100	930.81475	-53.58	-25
4	1000	26000	1000	25980.625	-27.23	-25

Band41 QPSK BW=5MHz Channel=40620 RB Size=25 Position=#0



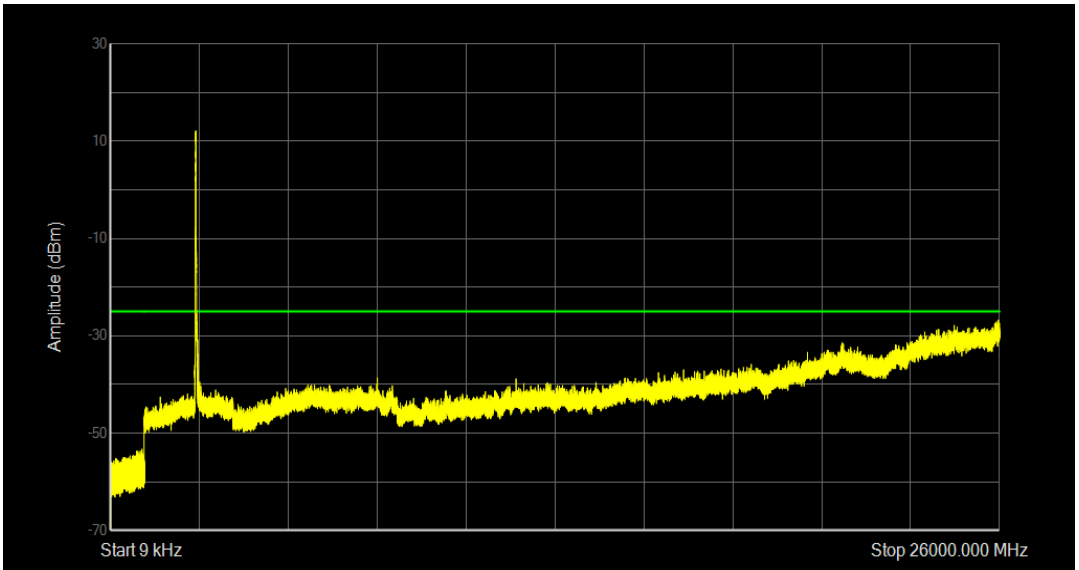
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053115375	-39.58	-25
2	0.15	30	10	0.15970125	-46.5	-25
3	30	1000	100	813.954	-53.67	-25
4	1000	26000	1000	25870	-26.76	-25

Band41 QPSK BW=20MHz Channel=41490 RB Size=100 Position=#0



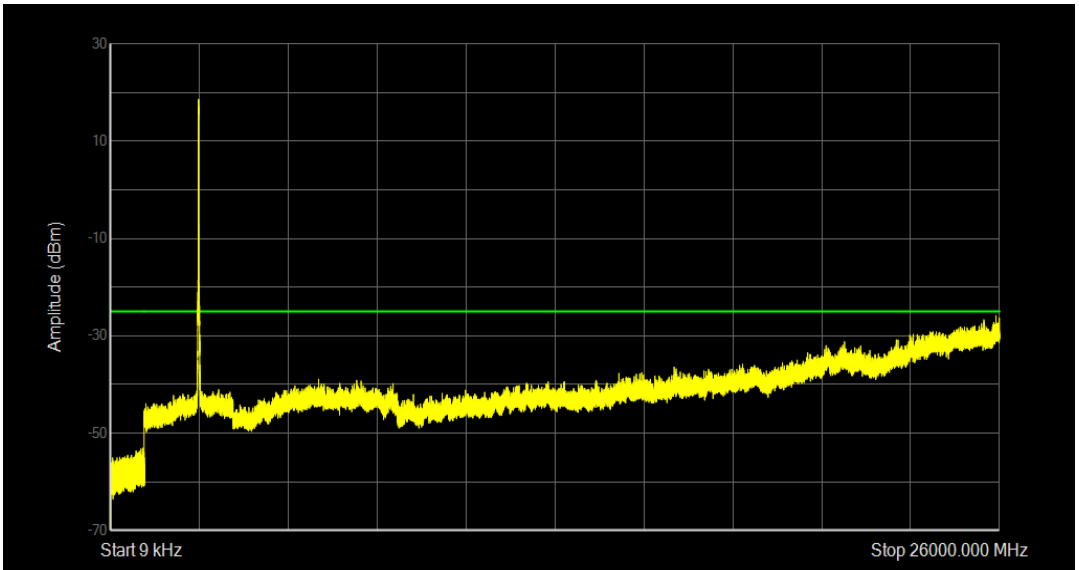
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05315415	-41.11	-25
2	0.15	30	10	0.15597	-46.66	-25
3	30	1000	100	943.23075	-52.69	-25
4	1000	26000	1000	25226.25	-26.36	-25

Band41 QPSK BW=20MHz Channel=39750 RB Size=100 Position=#0



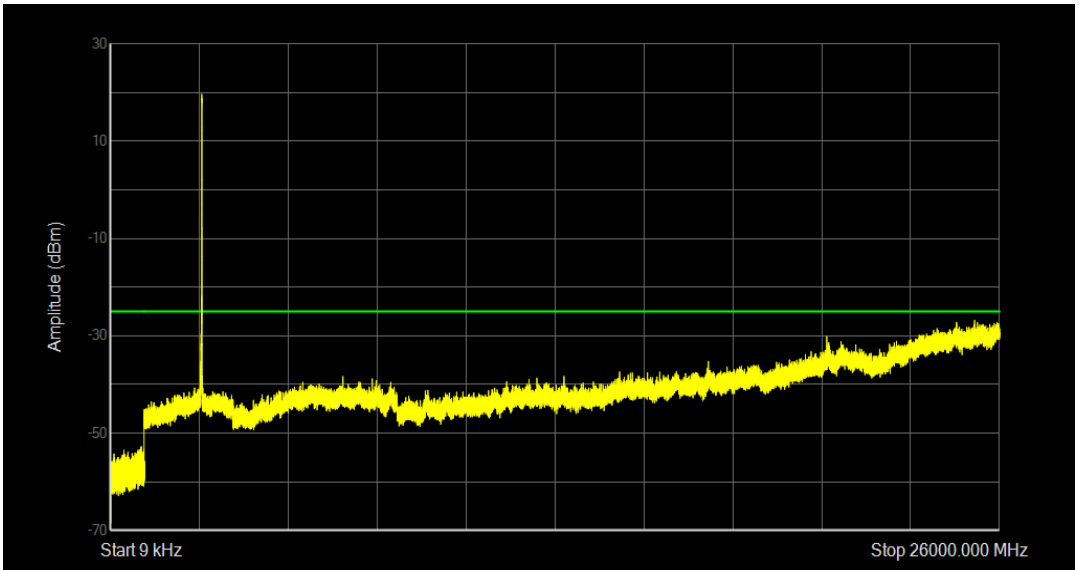
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-41.18	-25
2	0.15	30	10	0.15820875	-47.83	-25
3	30	1000	100	939.3265	-53.3	-25
4	1000	26000	1000	25963.75	-26.75	-25

Band41 QPSK BW=20MHz Channel=40620 RB Size=100 Position=#0



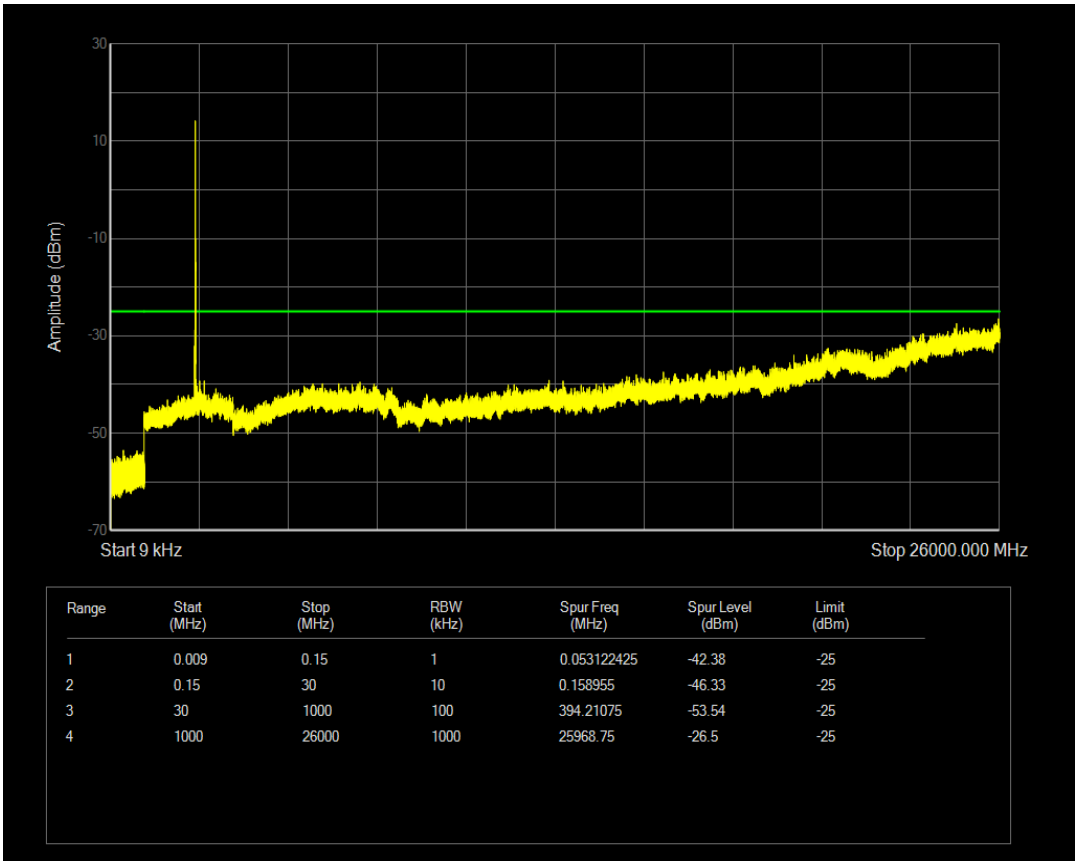
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-41.38	-25
2	0.15	30	10	0.15223875	-48.56	-25
3	30	1000	100	969.057	-53.08	-25
4	1000	26000	1000	25895.625	-25.84	-25

Band41 QPSK BW=5MHz Channel=41565 RB Size=25 Position=#0



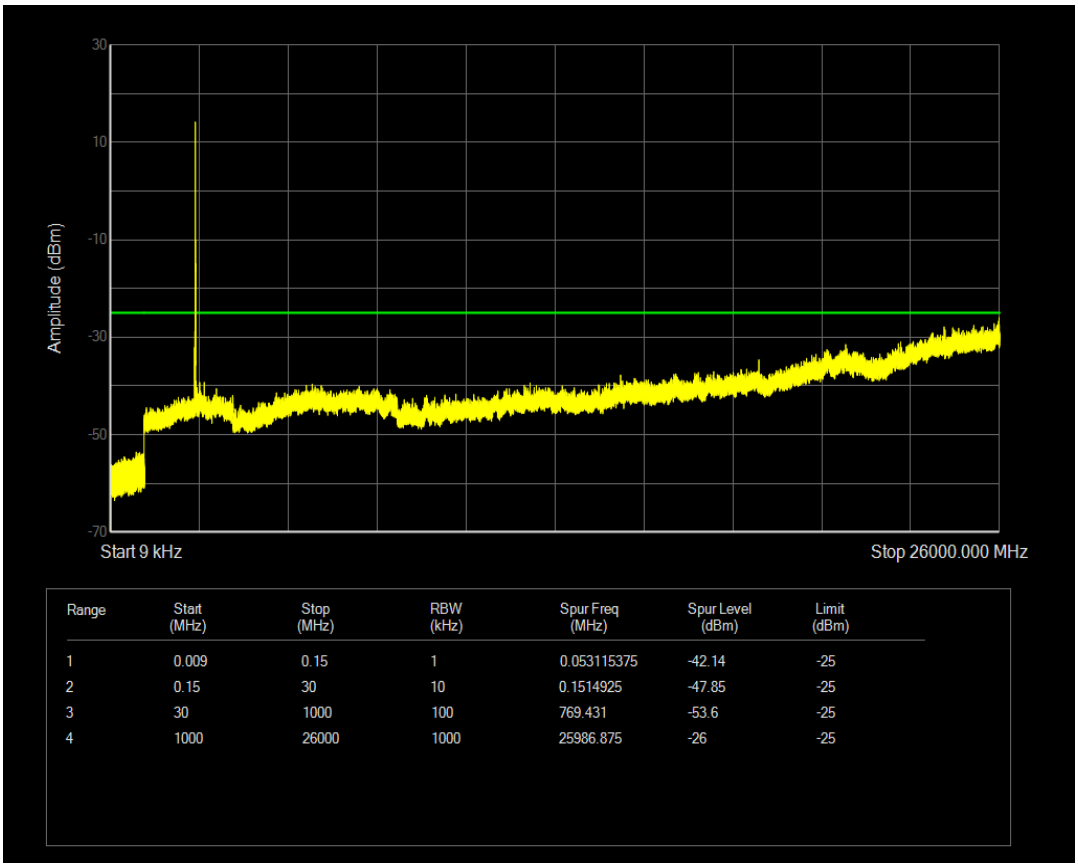
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05305545	-39.53	-25
2	0.15	30	10	0.1604475	-45.92	-25
3	30	1000	100	920.7025	-52.76	-25
4	1000	26000	1000	25270.625	-26.8	-25

Band41 QPSK BW=5MHz Channel=39675 RB Size=1 Position=#0



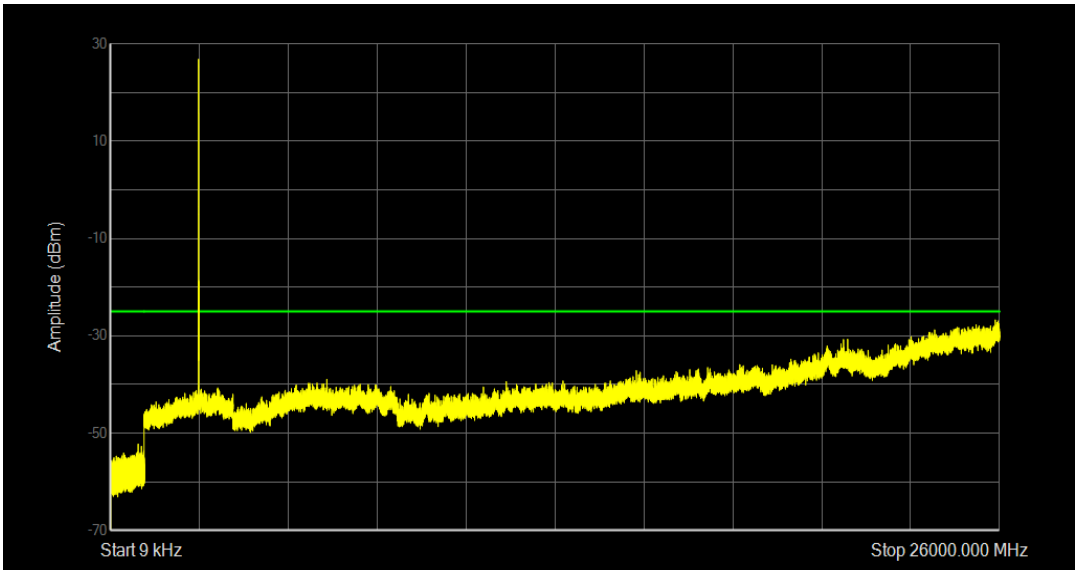
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-42.38	-25
2	0.15	30	10	0.158955	-46.33	-25
3	30	1000	100	394.21075	-53.54	-25
4	1000	26000	1000	25968.75	-26.5	-25

Band41 QAM16 BW=5MHz Channel=39675 RB Size=1 Position=#0



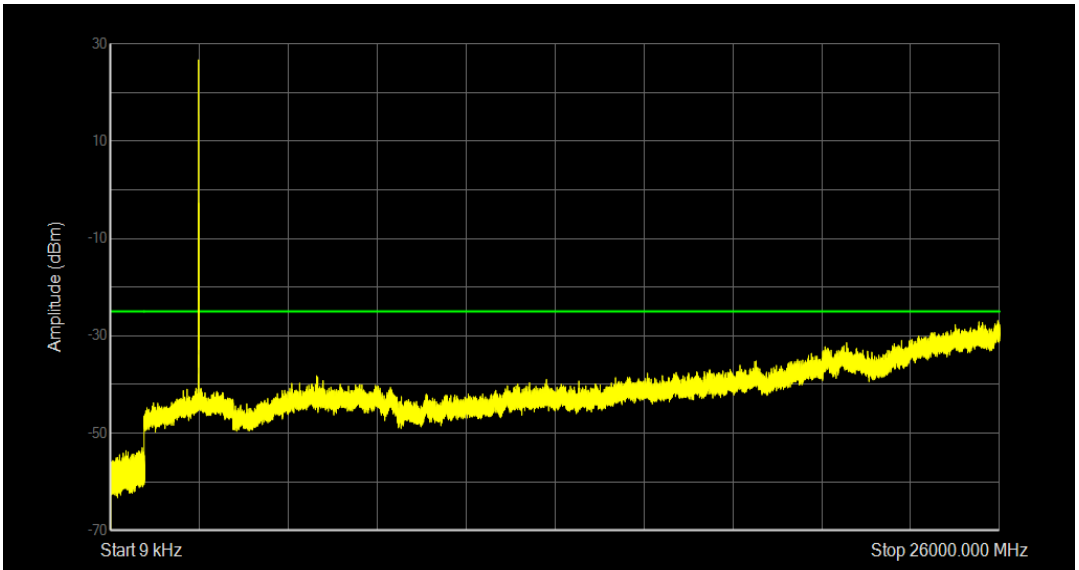
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053115375	-42.14	-25
2	0.15	30	10	0.1514925	-47.85	-25
3	30	1000	100	769.431	-53.6	-25
4	1000	26000	1000	25986.875	-26	-25

Band41 QPSK BW=5MHz Channel=40620 RB Size=1 Position=#0



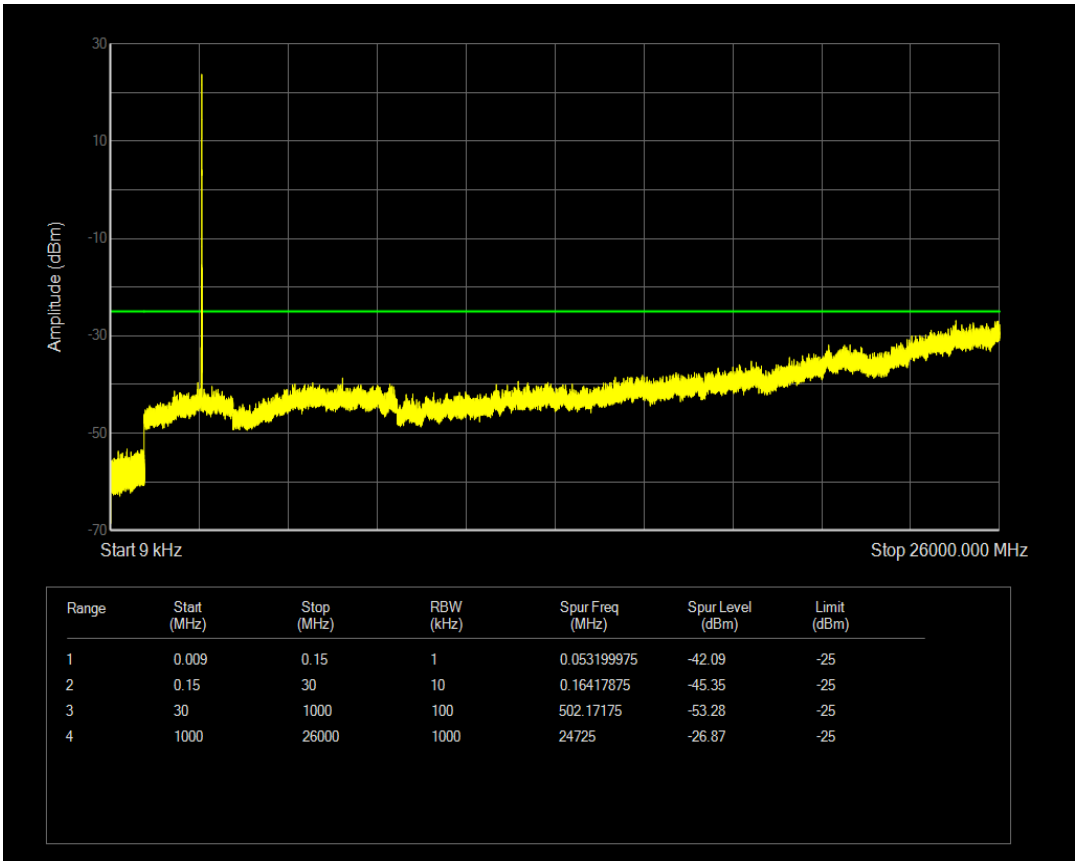
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-41.99	-25
2	0.15	30	10	0.1604475	-49.18	-25
3	30	1000	100	825.982	-52.27	-25
4	1000	26000	1000	25876.25	-26.74	-25

Band41 QAM16 BW=5MHz Channel=40620 RB Size=1 Position=#0



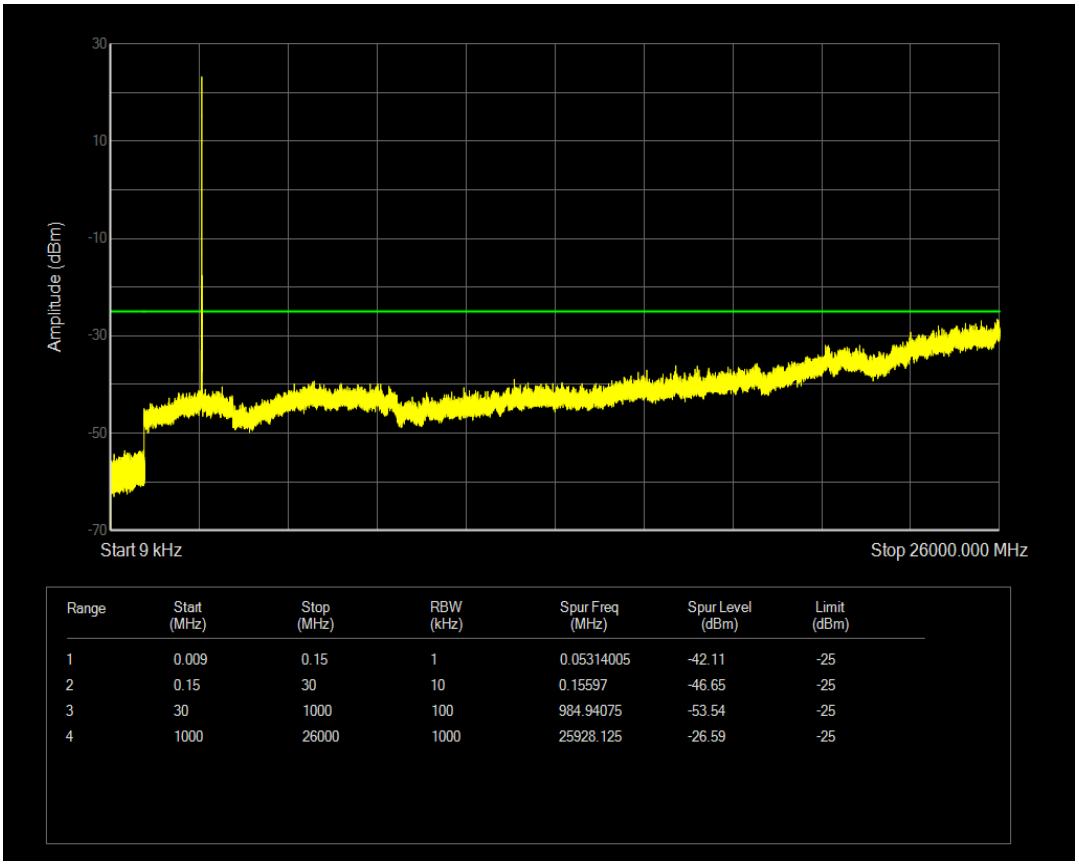
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053143575	-42.08	-25
2	0.15	30	10	0.16417875	-47.87	-25
3	30	1000	100	945.1465	-53.03	-25
4	1000	26000	1000	25949.375	-26.88	-25

Band41 QPSK BW=5MHz Channel=41565 RB Size=1 Position=#0



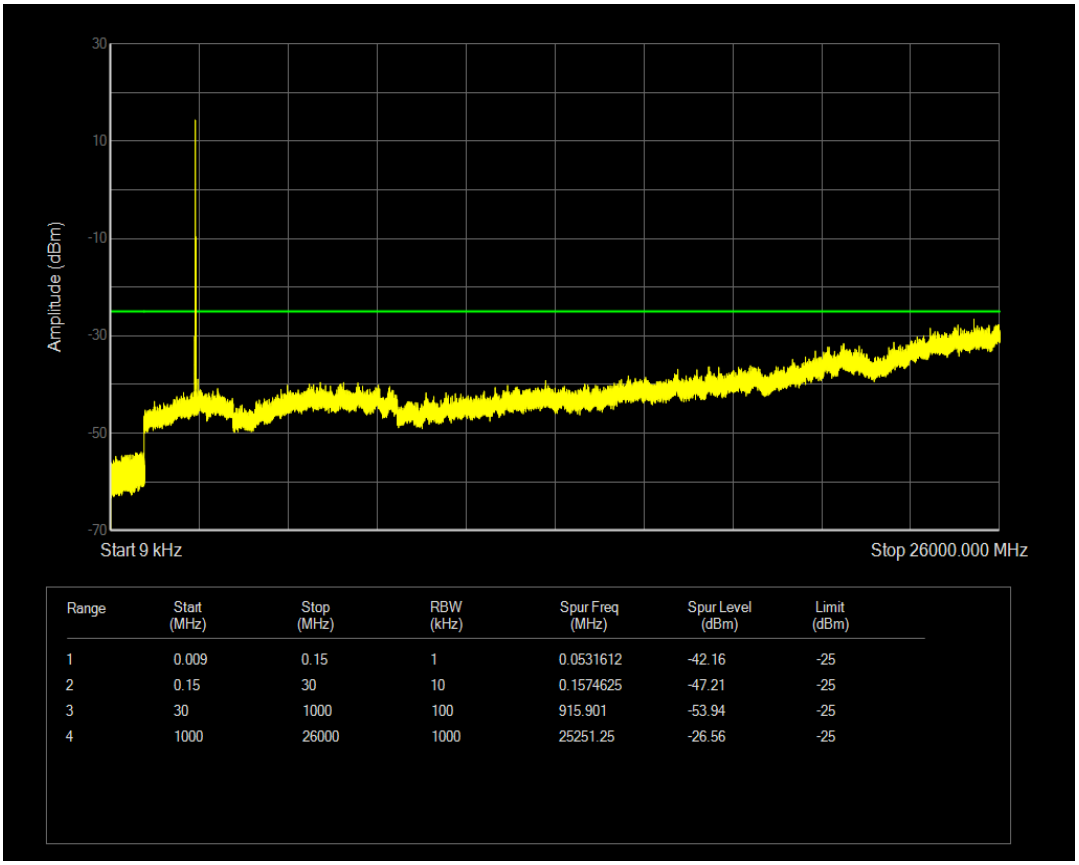
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-42.09	-25
2	0.15	30	10	0.16417875	-45.35	-25
3	30	1000	100	502.17175	-53.28	-25
4	1000	26000	1000	24725	-26.87	-25

Band41 QAM16 BW=5MHz Channel=41565 RB Size=1 Position=#0



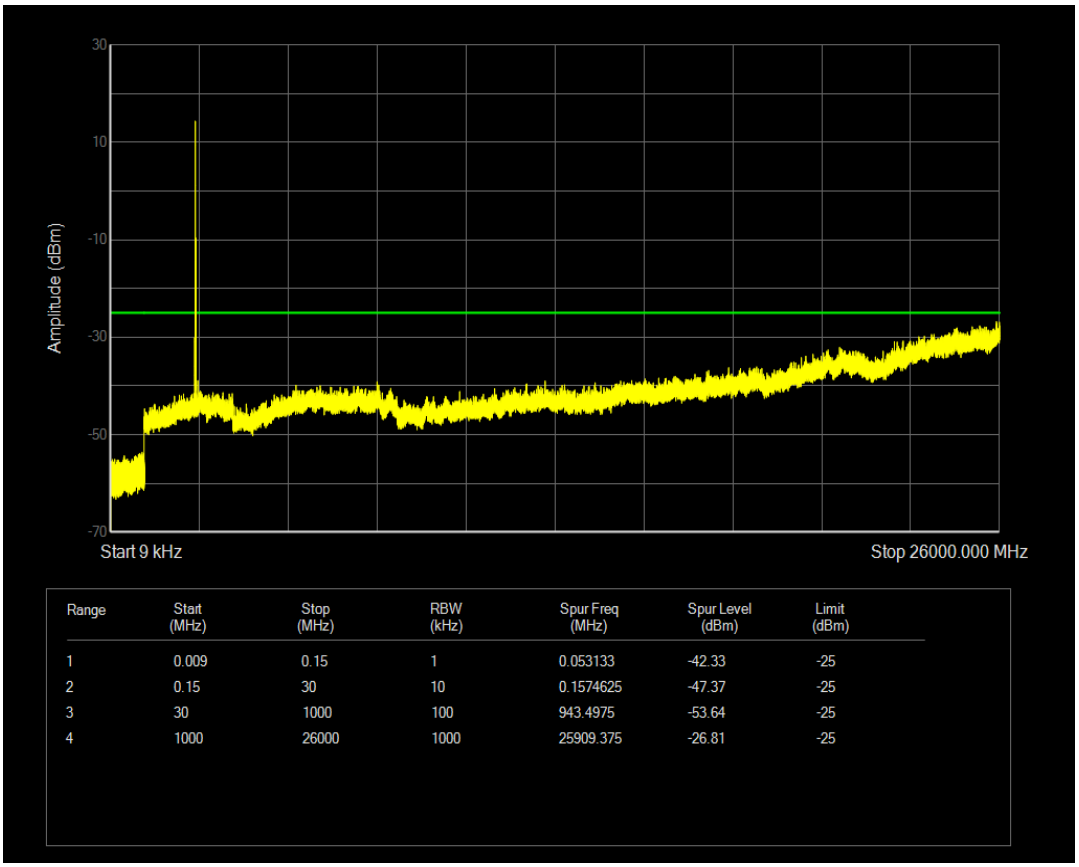
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05314005	-42.11	-25
2	0.15	30	10	0.15597	-46.65	-25
3	30	1000	100	984.94075	-53.54	-25
4	1000	26000	1000	25928.125	-26.59	-25

Band41 QPSK BW=10MHz Channel=39700 RB Size=1 Position=#0



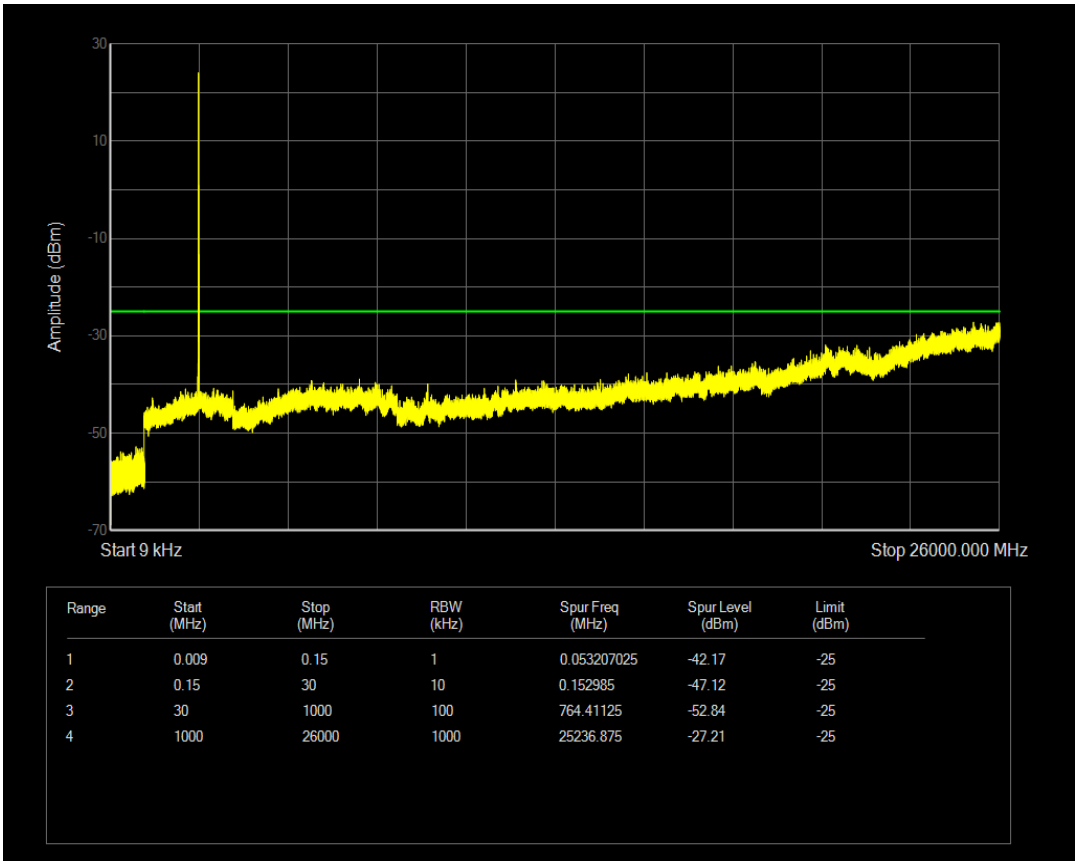
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531612	-42.16	-25
2	0.15	30	10	0.1574625	-47.21	-25
3	30	1000	100	915.901	-53.94	-25
4	1000	26000	1000	25251.25	-26.56	-25

Band41 QAM16 BW=10MHz Channel=39700 RB Size=1 Position=#0



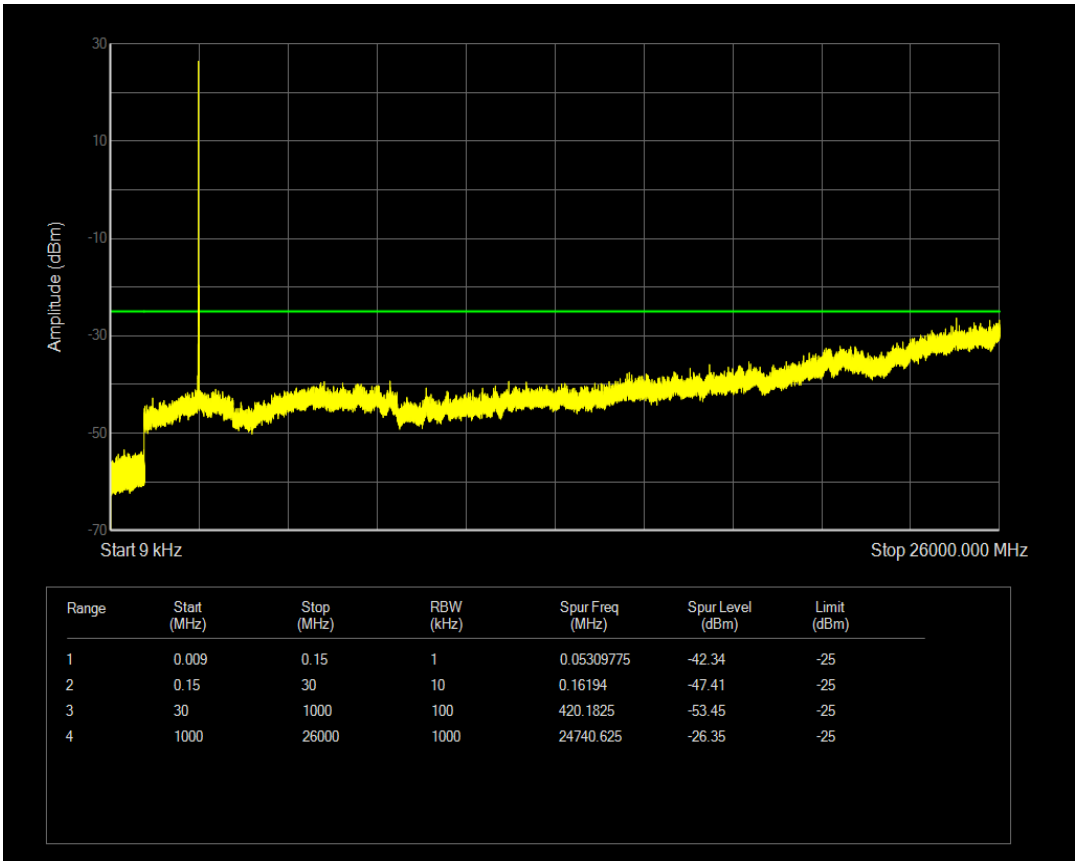
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053133	-42.33	-25
2	0.15	30	10	0.1574625	-47.37	-25
3	30	1000	100	943.4975	-53.64	-25
4	1000	26000	1000	25909.375	-26.81	-25

Band41 QAM16 BW=10MHz Channel=40620 RB Size=1 Position=#0



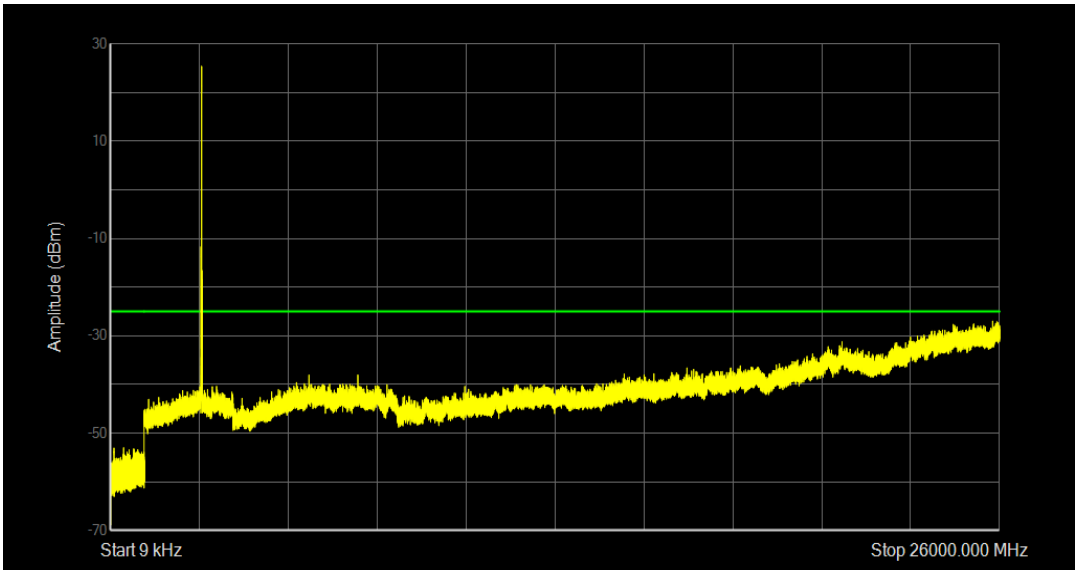
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053207025	-42.17	-25
2	0.15	30	10	0.152985	-47.12	-25
3	30	1000	100	764.41125	-52.84	-25
4	1000	26000	1000	25236.875	-27.21	-25

Band41 QPSK BW=10MHz Channel=40620 RB Size=1 Position=#0



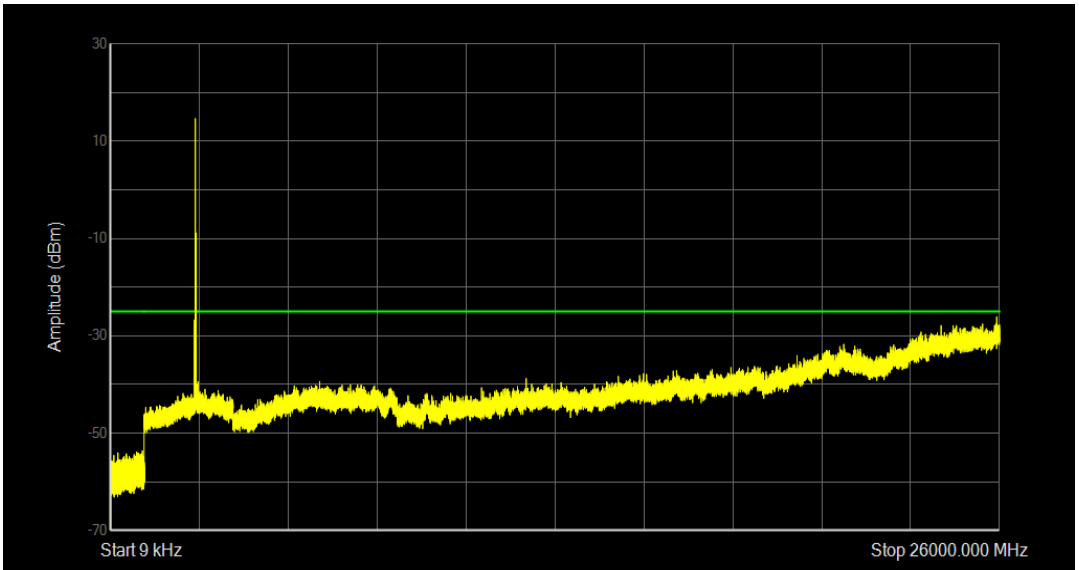
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-42.34	-25
2	0.15	30	10	0.16194	-47.41	-25
3	30	1000	100	420.1825	-53.45	-25
4	1000	26000	1000	24740.625	-26.35	-25

Band41 QPSK BW=10MHz Channel=41540 RB Size=1 Position=#0



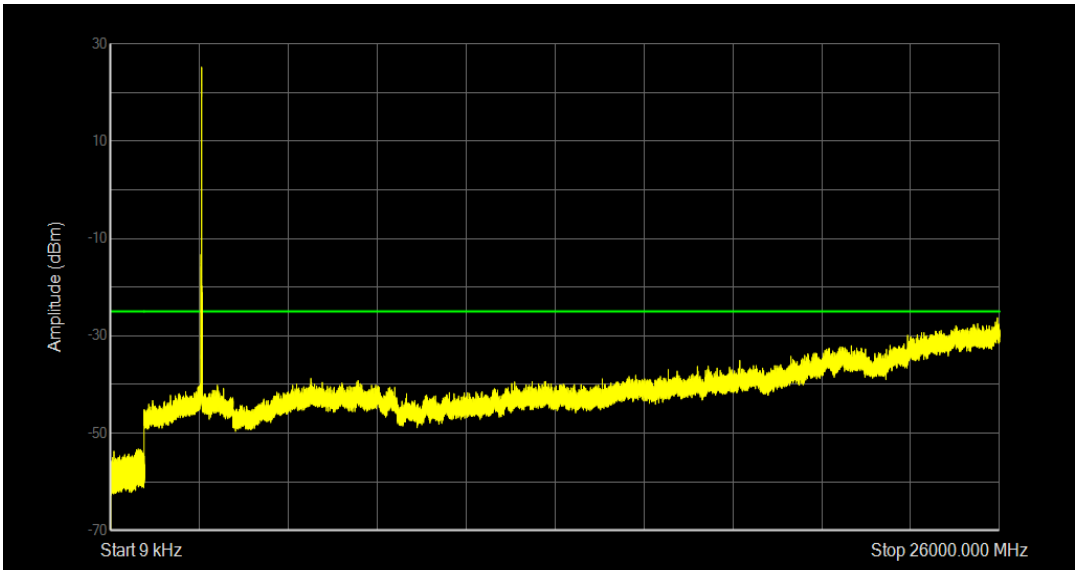
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053133	-42.06	-25
2	0.15	30	10	0.15	-47.24	-25
3	30	1000	100	402.577	-53.03	-25
4	1000	26000	1000	25798.75	-26.98	-25

Band41 QPSK BW=15MHz Channel=39725 RB Size=1 Position=#0



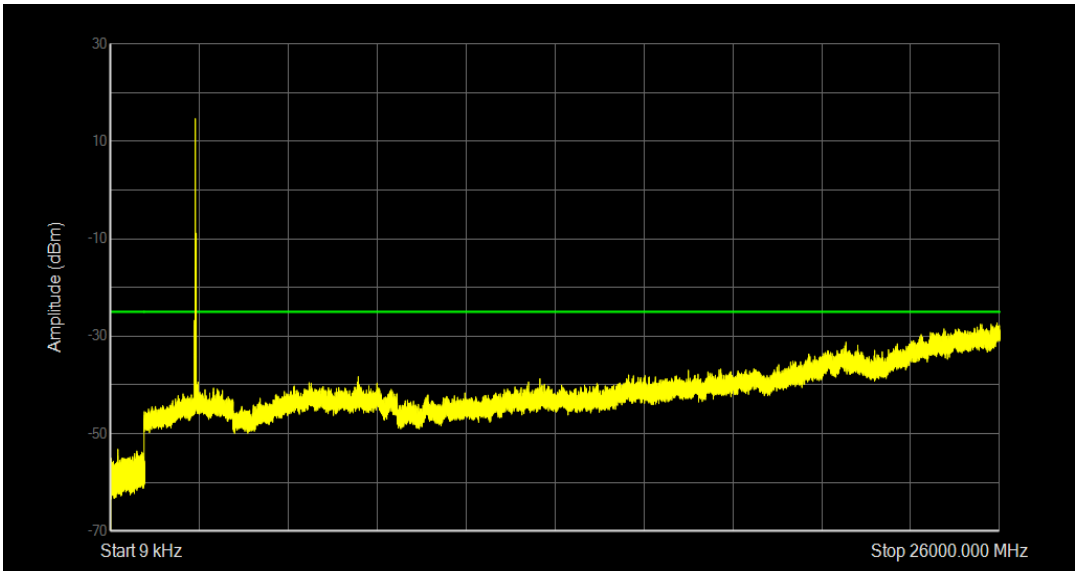
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531471	-42.59	-25
2	0.15	30	10	0.1514925	-48.15	-25
3	30	1000	100	948.8325	-53.66	-25
4	1000	26000	1000	25916.25	-26.08	-25

Band41 QAM16 BW=10MHz Channel=41540 RB Size=1 Position=#0



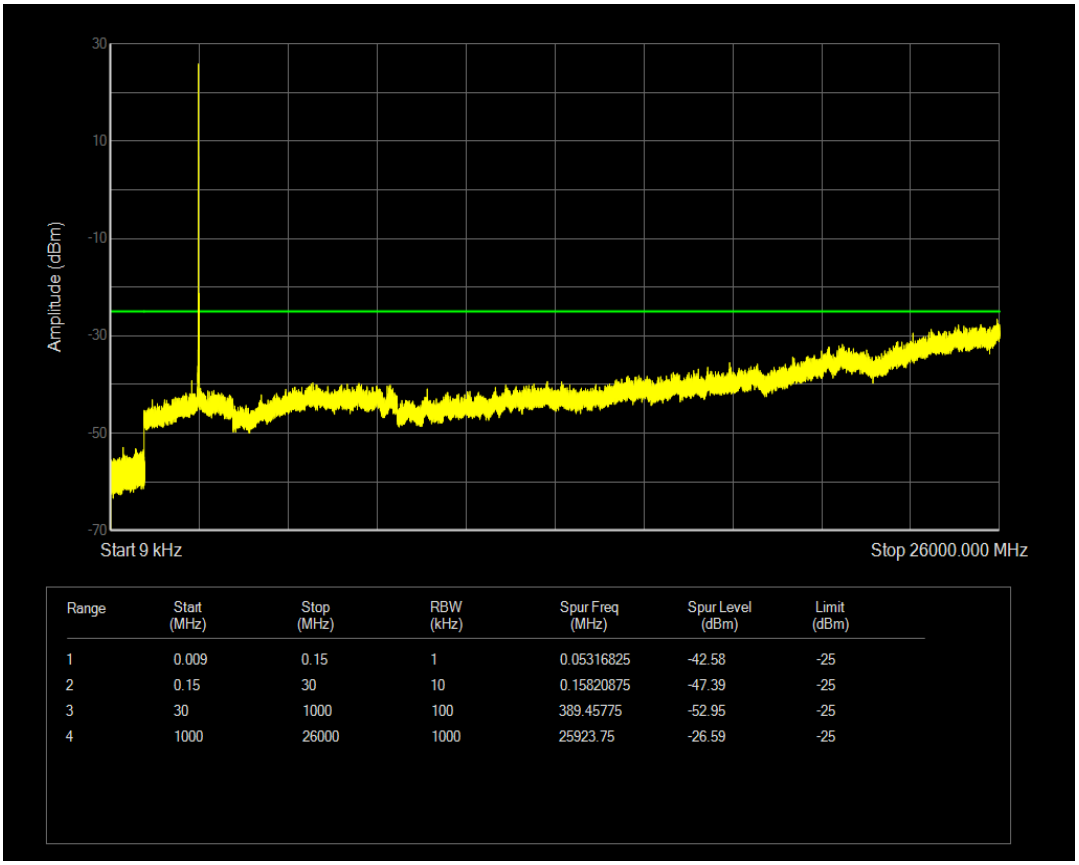
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-42.19	-25
2	0.15	30	10	0.15820875	-46.93	-25
3	30	1000	100	830.3955	-53.27	-25
4	1000	26000	1000	25936.875	-26.29	-25

Band41 QAM16 BW=15MHz Channel=39725 RB Size=1 Position=#0



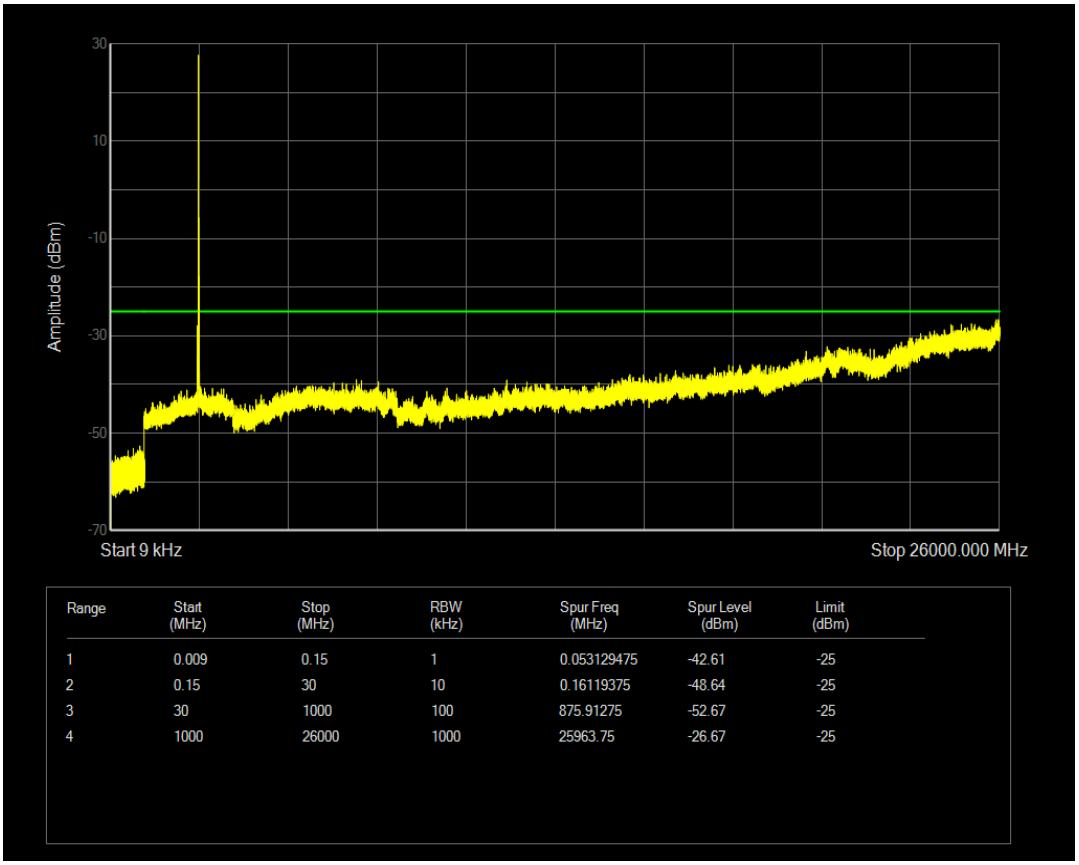
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531612	-42.74	-25
2	0.15	30	10	0.16268625	-46.46	-25
3	30	1000	100	235.08225	-53.22	-25
4	1000	26000	1000	25926.875	-27.29	-25

Band41 QPSK BW=15MHz Channel=40620 RB Size=1 Position=#0



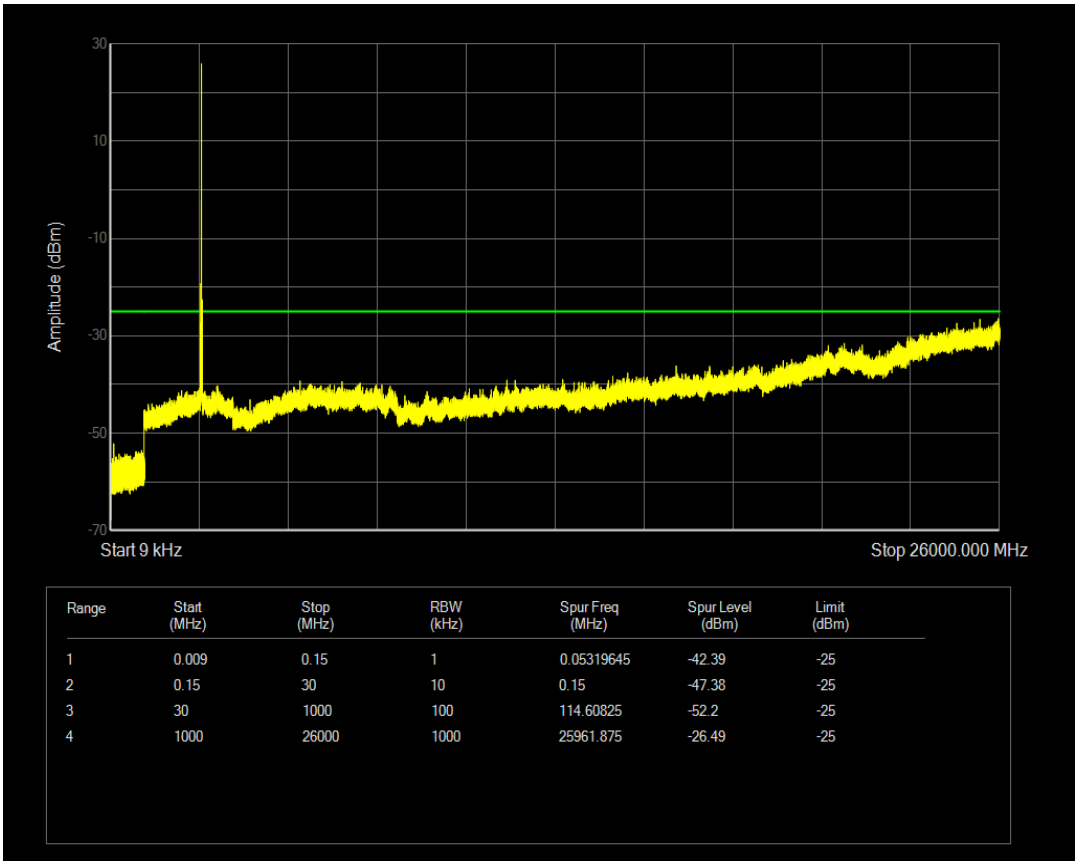
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05316825	-42.58	-25
2	0.15	30	10	0.15820875	-47.39	-25
3	30	1000	100	389.45775	-52.95	-25
4	1000	26000	1000	25923.75	-26.59	-25

Band41 QAM16 BW=15MHz Channel=40620 RB Size=1 Position=#0



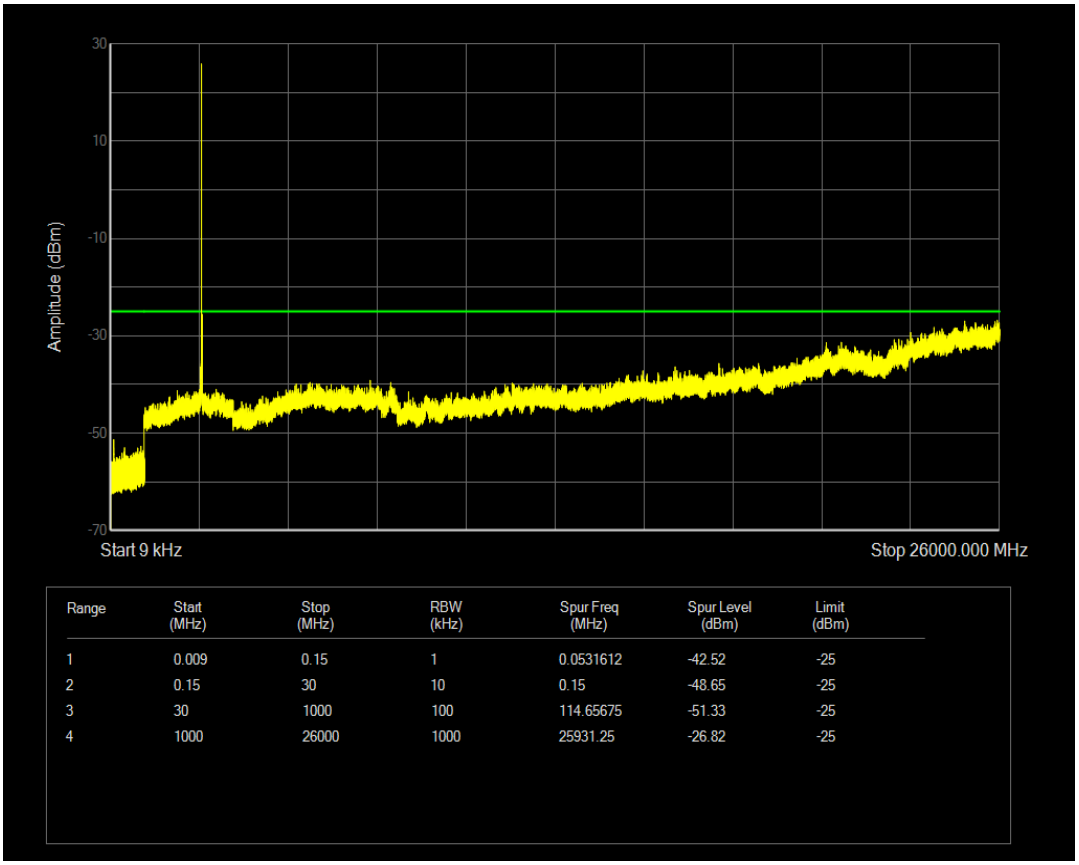
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053129475	-42.61	-25
2	0.15	30	10	0.16119375	-48.64	-25
3	30	1000	100	875.91275	-52.67	-25
4	1000	26000	1000	25963.75	-26.67	-25

Band41 QPSK BW=15MHz Channel=41515 RB Size=1 Position=#0



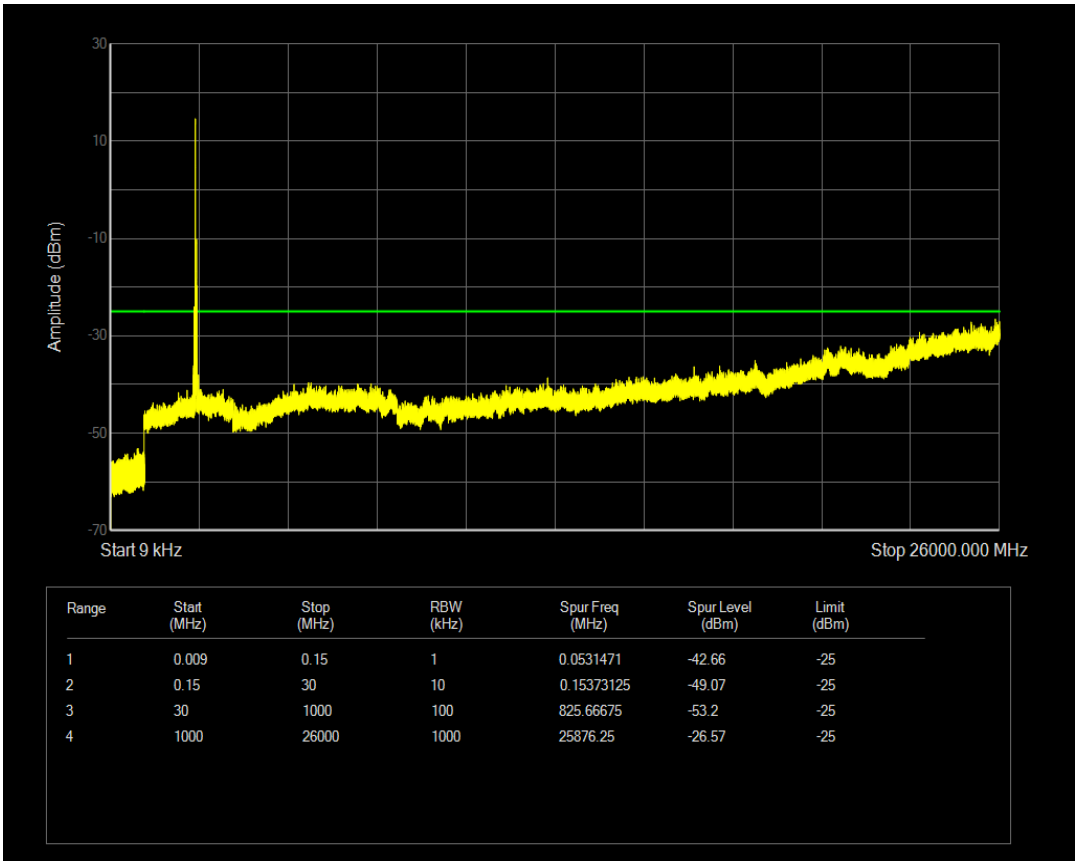
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05319645	-42.39	-25
2	0.15	30	10	0.15	-47.38	-25
3	30	1000	100	114.60825	-52.2	-25
4	1000	26000	1000	25961.875	-26.49	-25

Band41 QAM16 BW=15MHz Channel=41515 RB Size=1 Position=#0



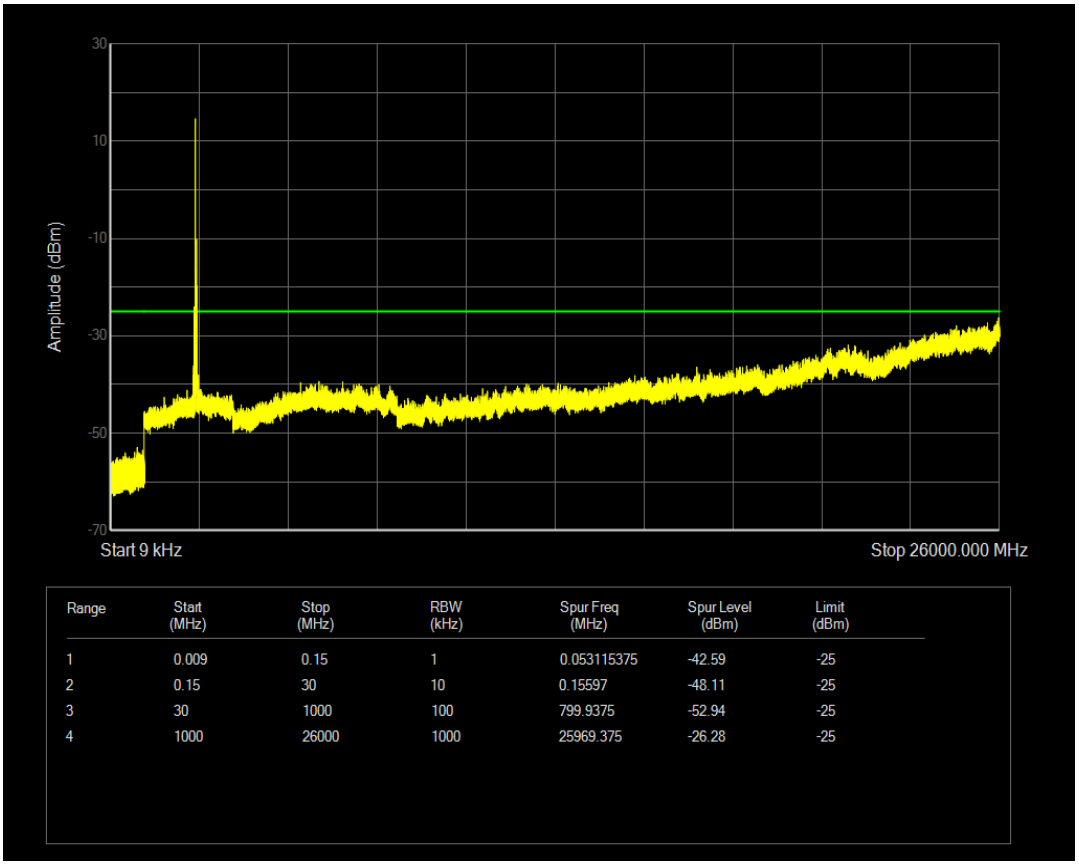
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531612	-42.52	-25
2	0.15	30	10	0.15	-48.65	-25
3	30	1000	100	114.65675	-51.33	-25
4	1000	26000	1000	25931.25	-26.82	-25

Band41 QAM16 BW=20MHz Channel=39750 RB Size=1 Position=#0



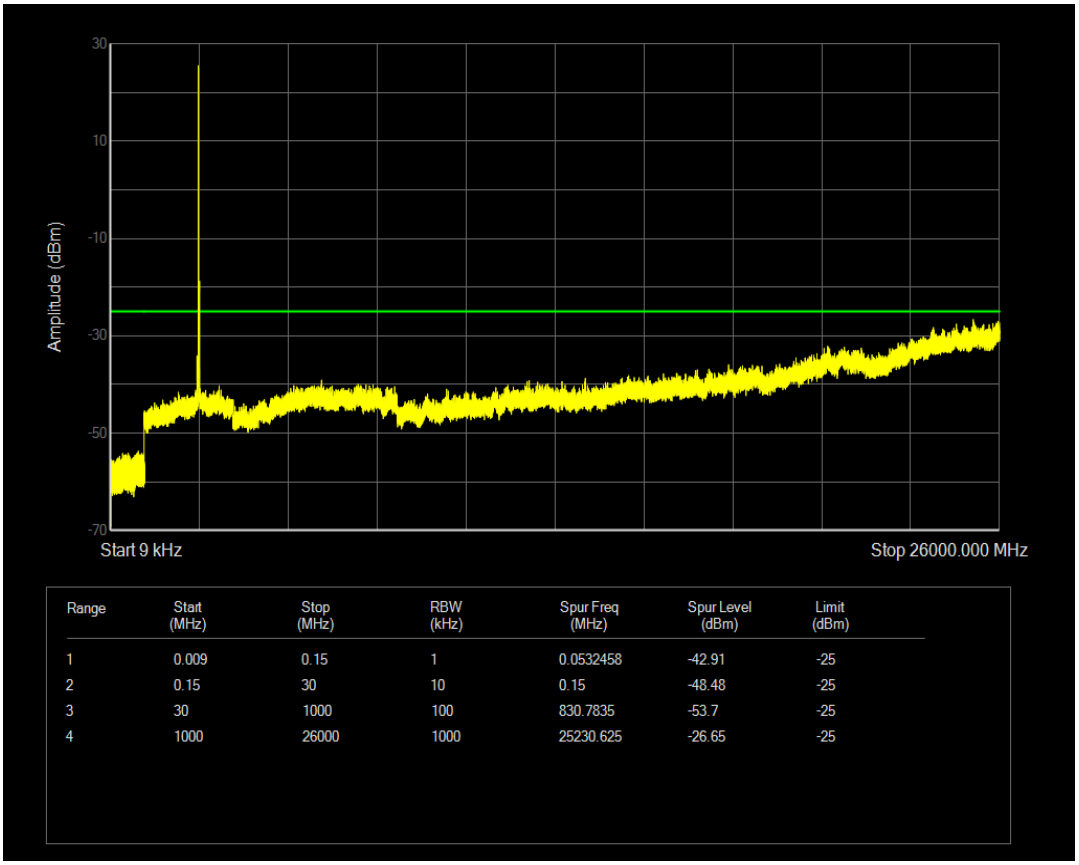
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531471	-42.66	-25
2	0.15	30	10	0.15373125	-49.07	-25
3	30	1000	100	825.66675	-53.2	-25
4	1000	26000	1000	25876.25	-26.57	-25

Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#0



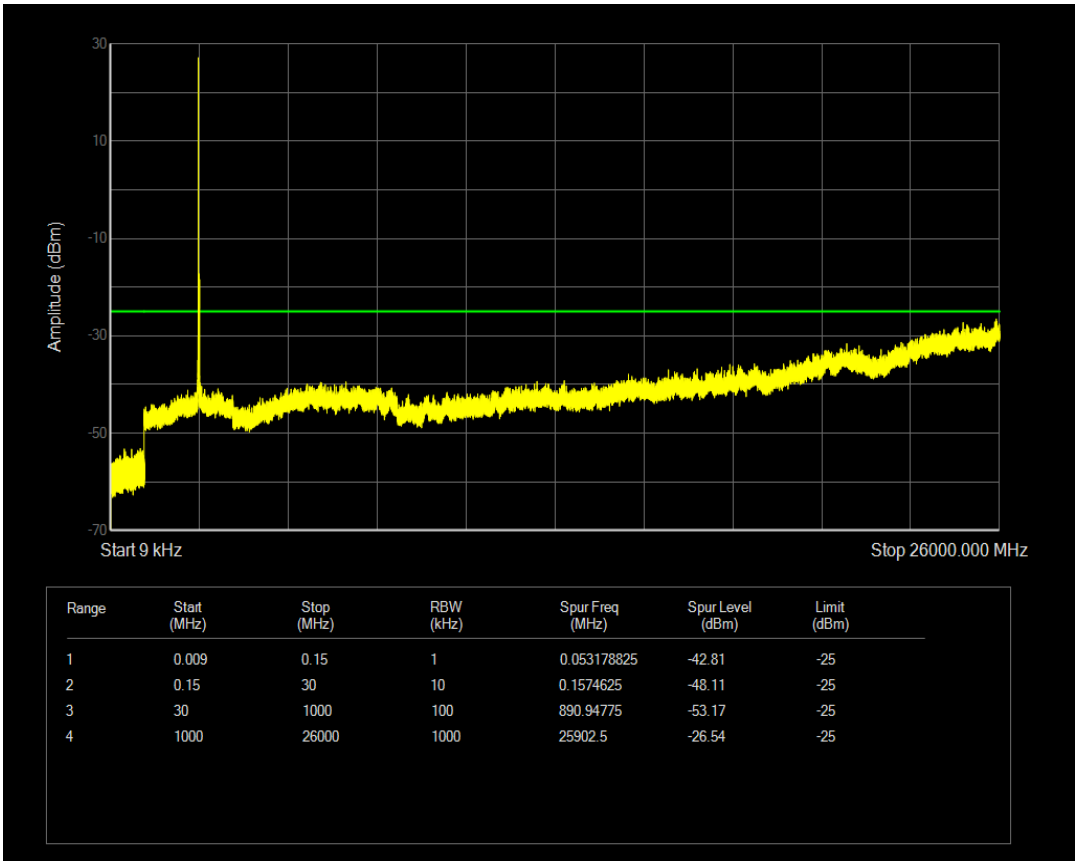
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053115375	-42.59	-25
2	0.15	30	10	0.15597	-48.11	-25
3	30	1000	100	799.9375	-52.94	-25
4	1000	26000	1000	25969.375	-26.28	-25

Band41 QPSK BW=20MHz Channel=40620 RB Size=1 Position=#0



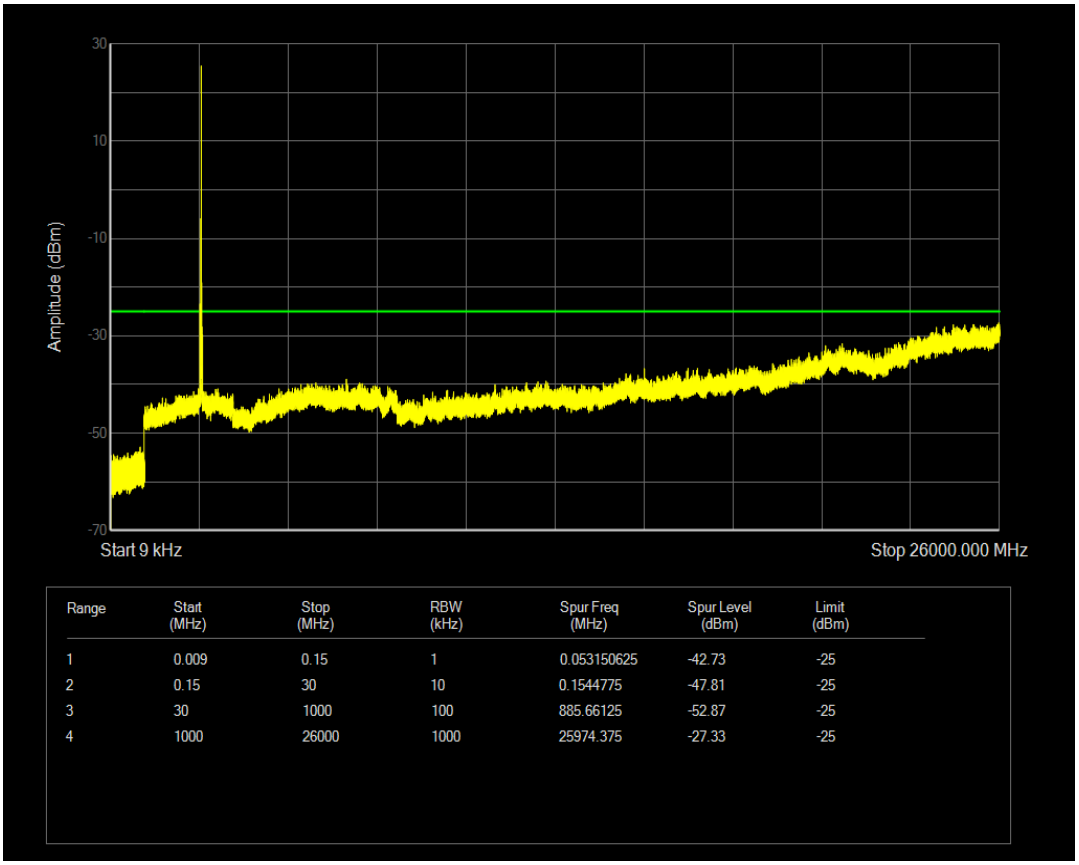
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532458	-42.91	-25
2	0.15	30	10	0.15	-48.48	-25
3	30	1000	100	830.7835	-53.7	-25
4	1000	26000	1000	25230.625	-26.65	-25

Band41 QAM16 BW=20MHz Channel=40620 RB Size=1 Position=#0



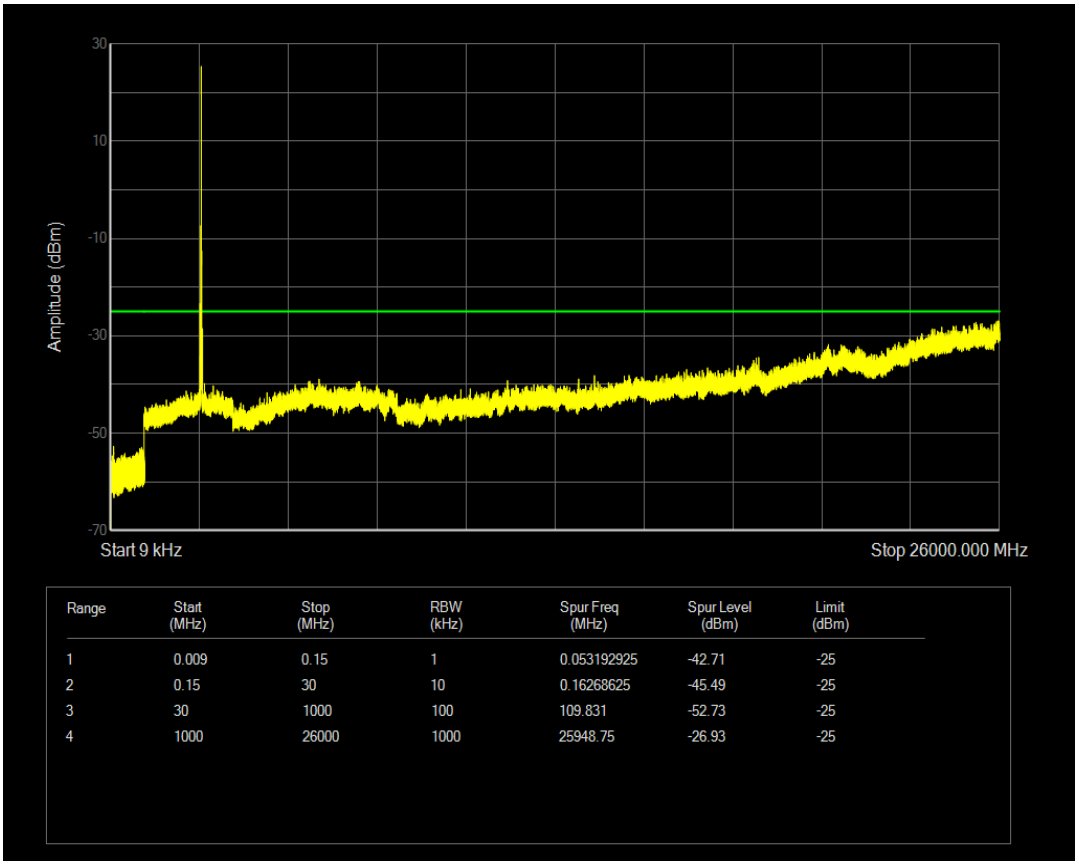
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053178825	-42.81	-25
2	0.15	30	10	0.1574625	-48.11	-25
3	30	1000	100	890.94775	-53.17	-25
4	1000	26000	1000	25902.5	-26.54	-25

Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-42.73	-25
2	0.15	30	10	0.1544775	-47.81	-25
3	30	1000	100	885.66125	-52.87	-25
4	1000	26000	1000	25974.375	-27.33	-25

Band41 QAM16 BW=20MHz Channel=41490 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-42.71	-25
2	0.15	30	10	0.16268625	-45.49	-25
3	30	1000	100	109.831	-52.73	-25
4	1000	26000	1000	25948.75	-26.93	-25