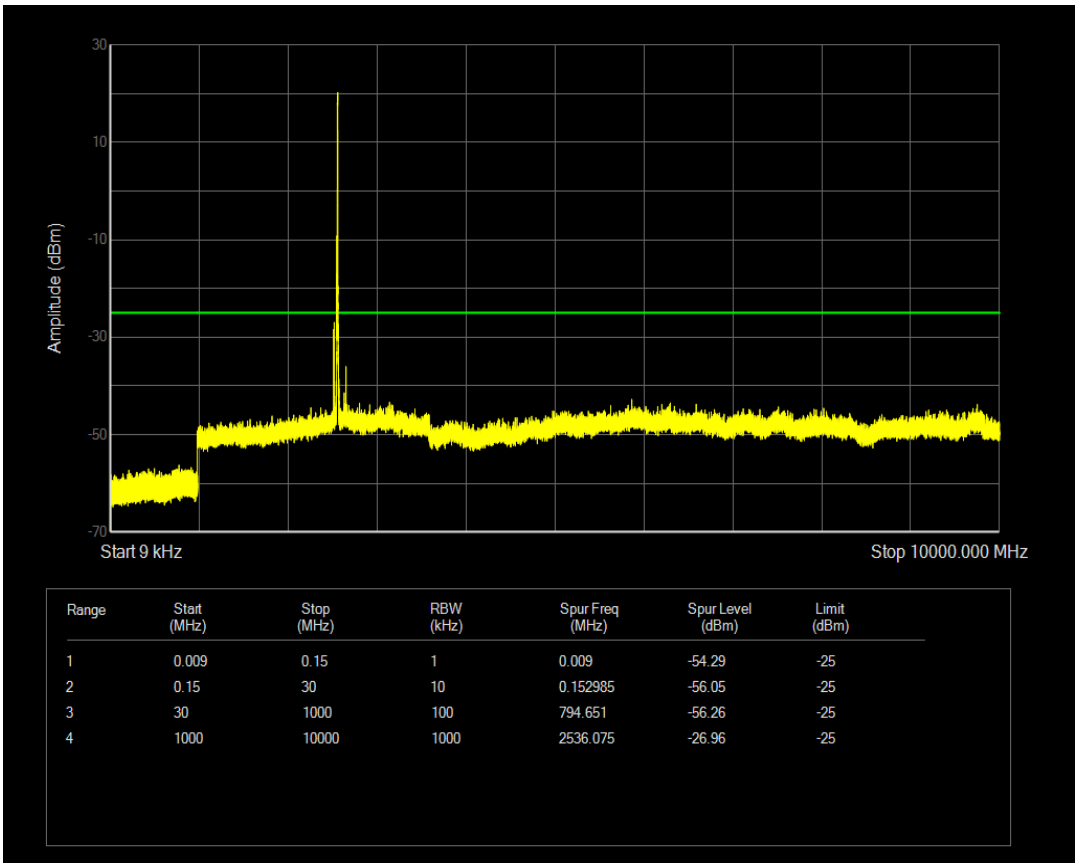
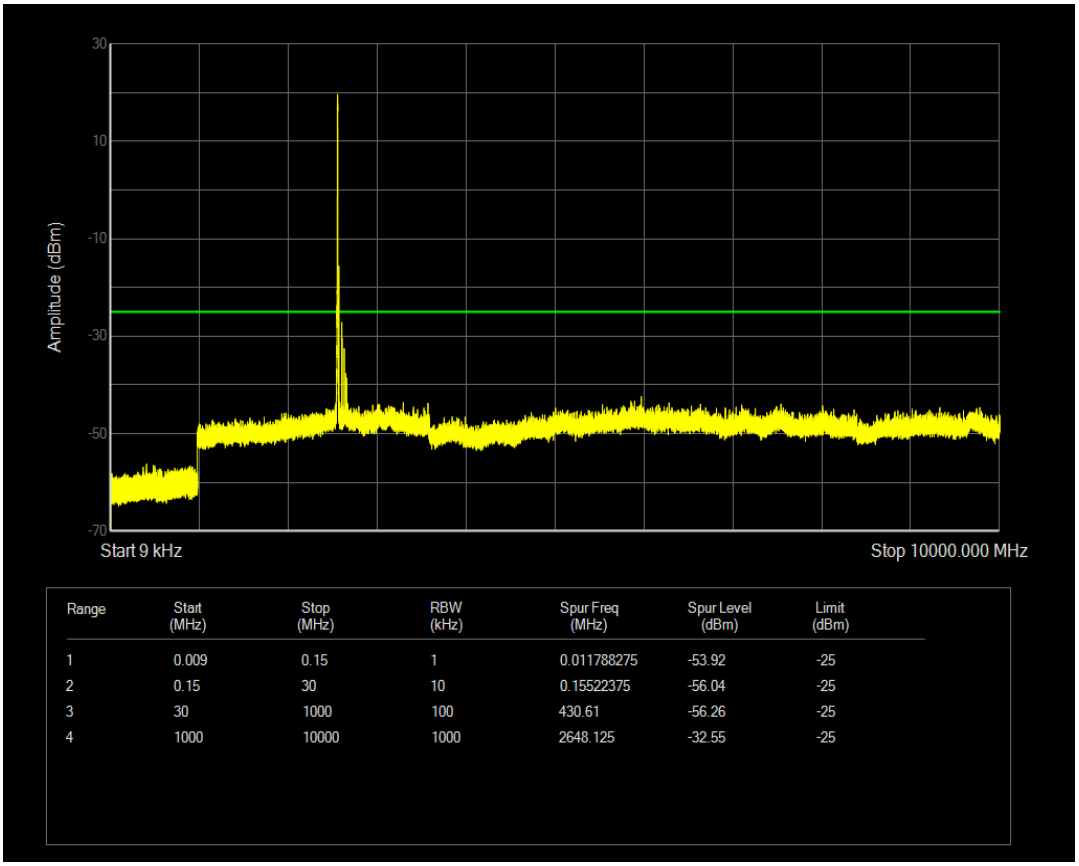


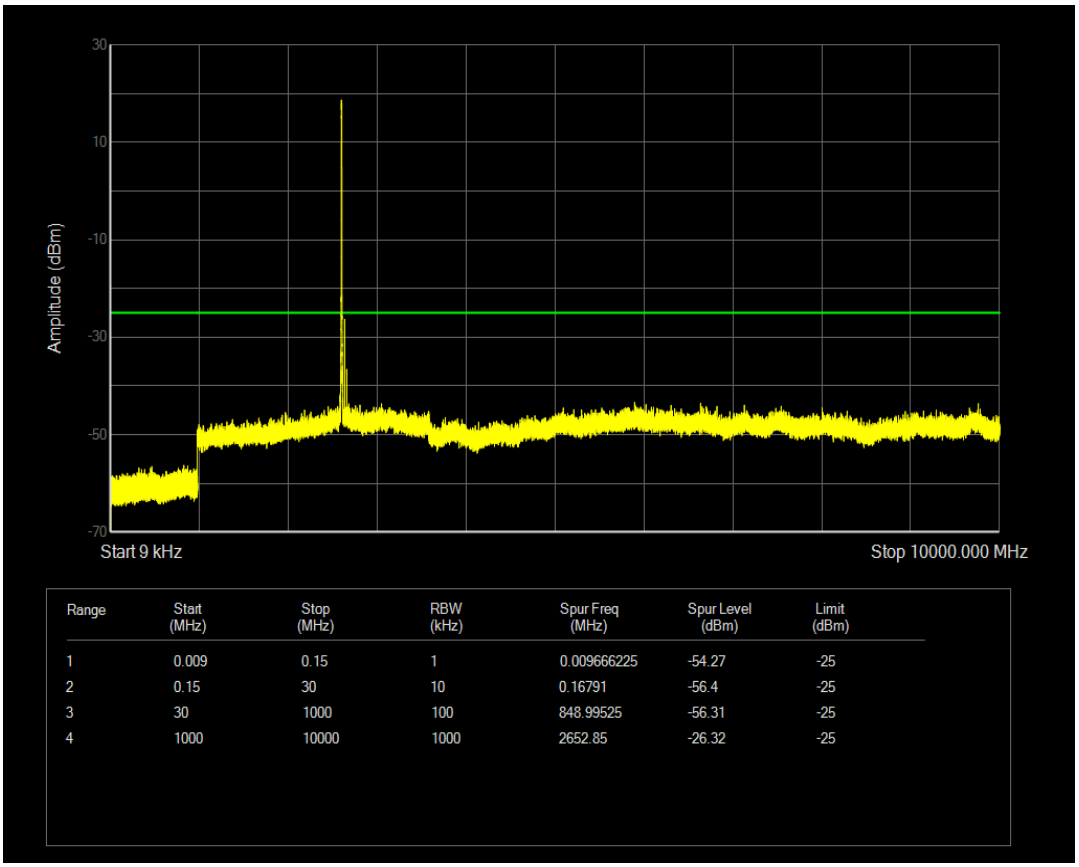
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.29	-25
2	0.15	30	10	0.152985	-56.05	-25
3	30	1000	100	794.651	-56.26	-25
4	1000	10000	1000	2536.075	-26.96	-25

Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



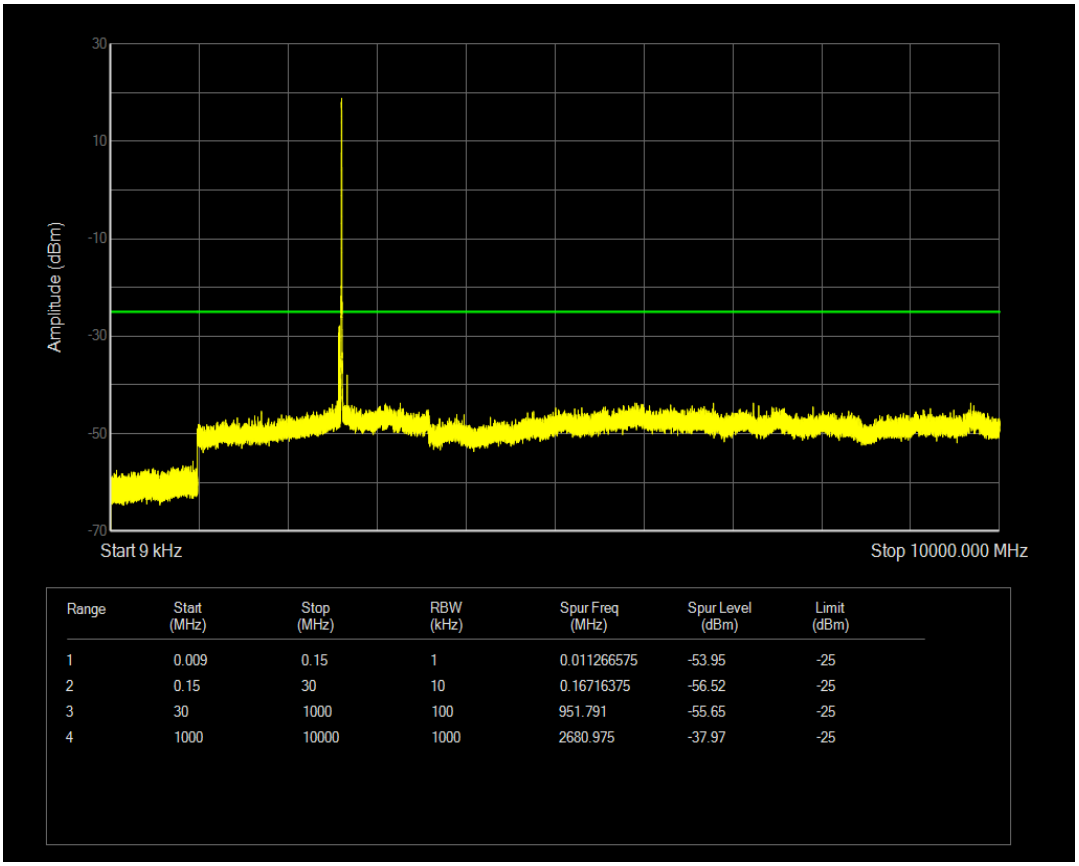
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011788275	-53.92	-25
2	0.15	30	10	0.15522375	-56.04	-25
3	30	1000	100	430.61	-56.26	-25
4	1000	10000	1000	2648.125	-32.55	-25

Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



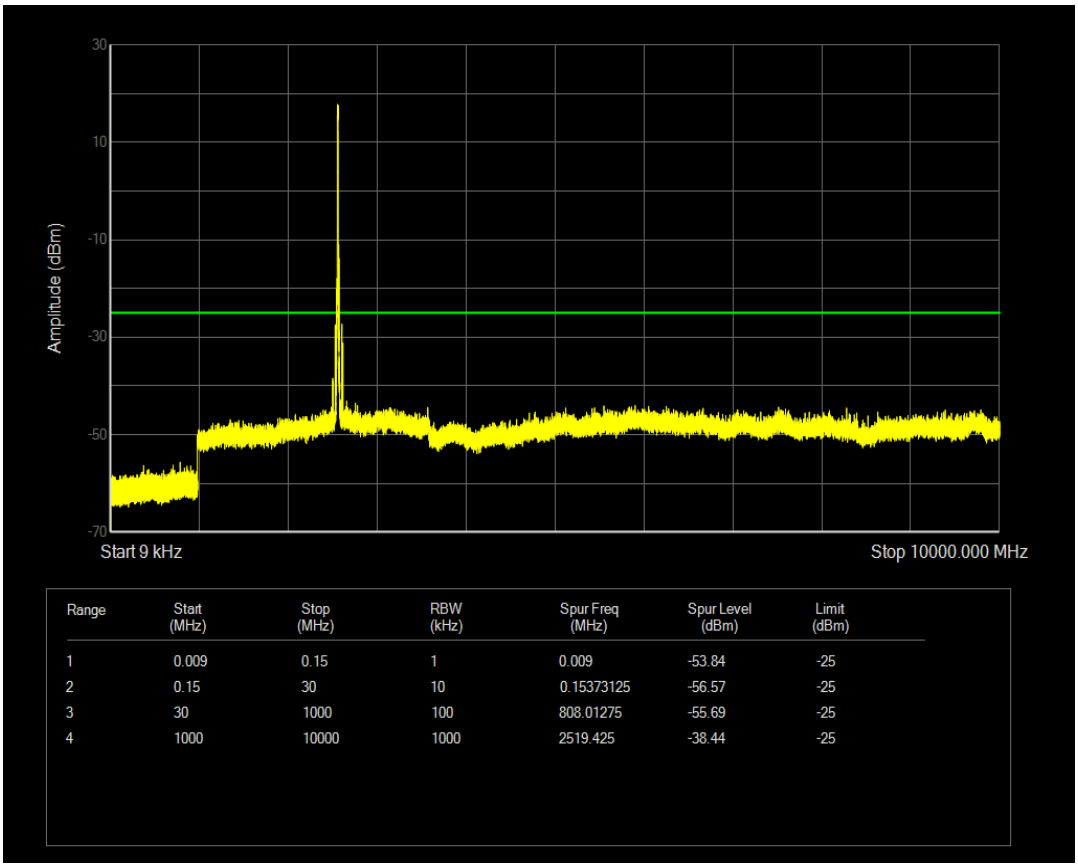
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009666225	-54.27	-25
2	0.15	30	10	0.16791	-56.4	-25
3	30	1000	100	848.99525	-56.31	-25
4	1000	10000	1000	2652.85	-26.32	-25

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



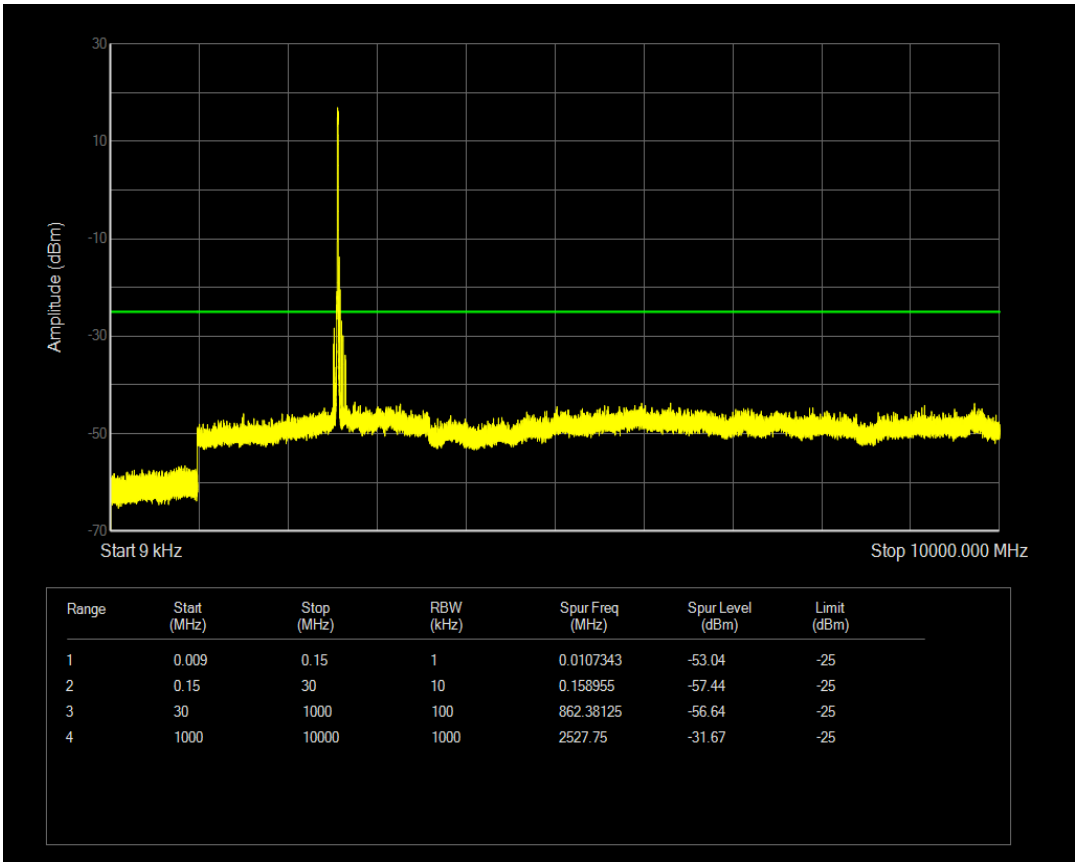
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011266575	-53.95	-25
2	0.15	30	10	0.16716375	-56.52	-25
3	30	1000	100	951.791	-55.65	-25
4	1000	10000	1000	2680.975	-37.97	-25

Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



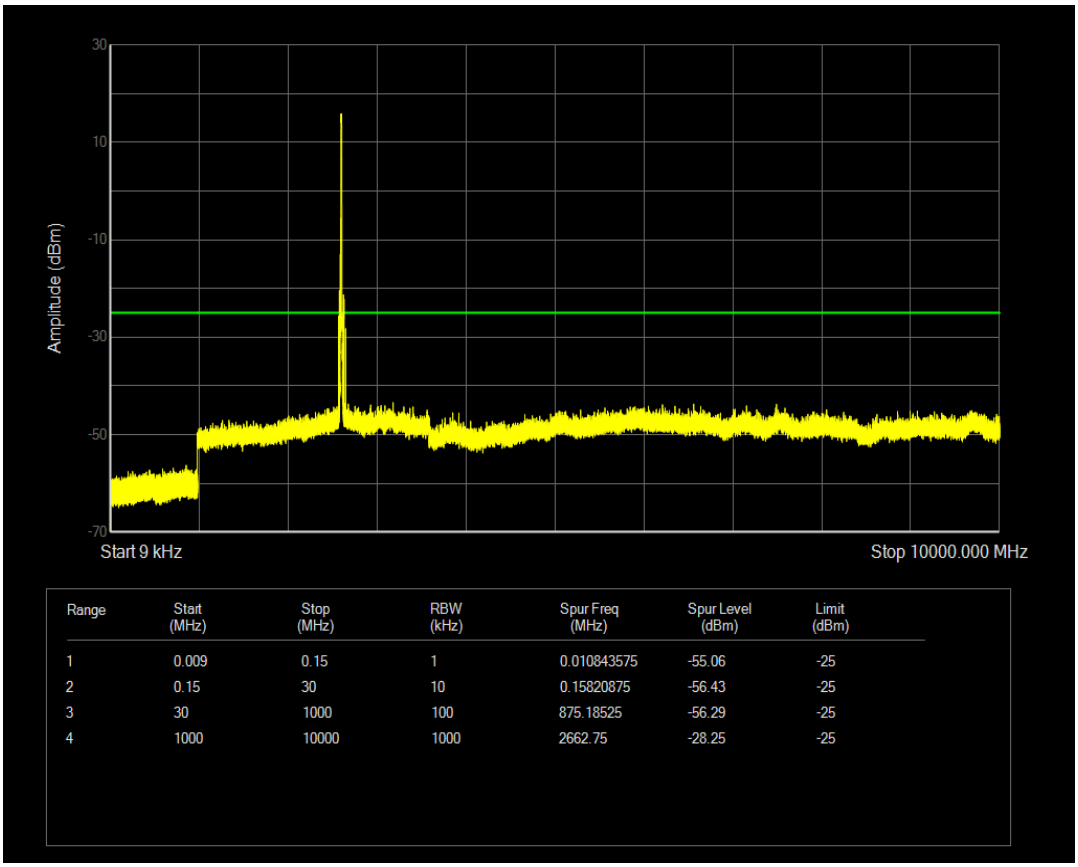
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.84	-25
2	0.15	30	10	0.15373125	-56.57	-25
3	30	1000	100	808.01275	-55.69	-25
4	1000	10000	1000	2519.425	-38.44	-25

Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0



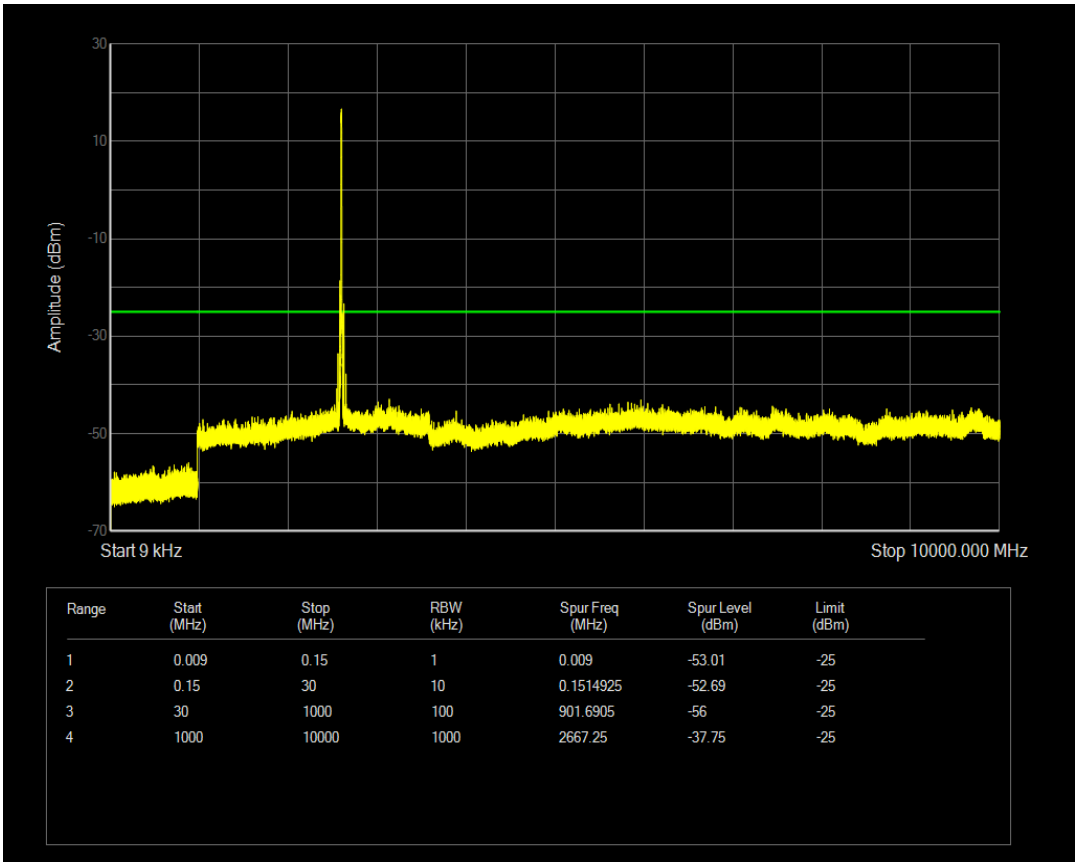
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107343	-53.04	-25
2	0.15	30	10	0.158955	-57.44	-25
3	30	1000	100	862.38125	-56.64	-25
4	1000	10000	1000	2527.75	-31.67	-25

Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



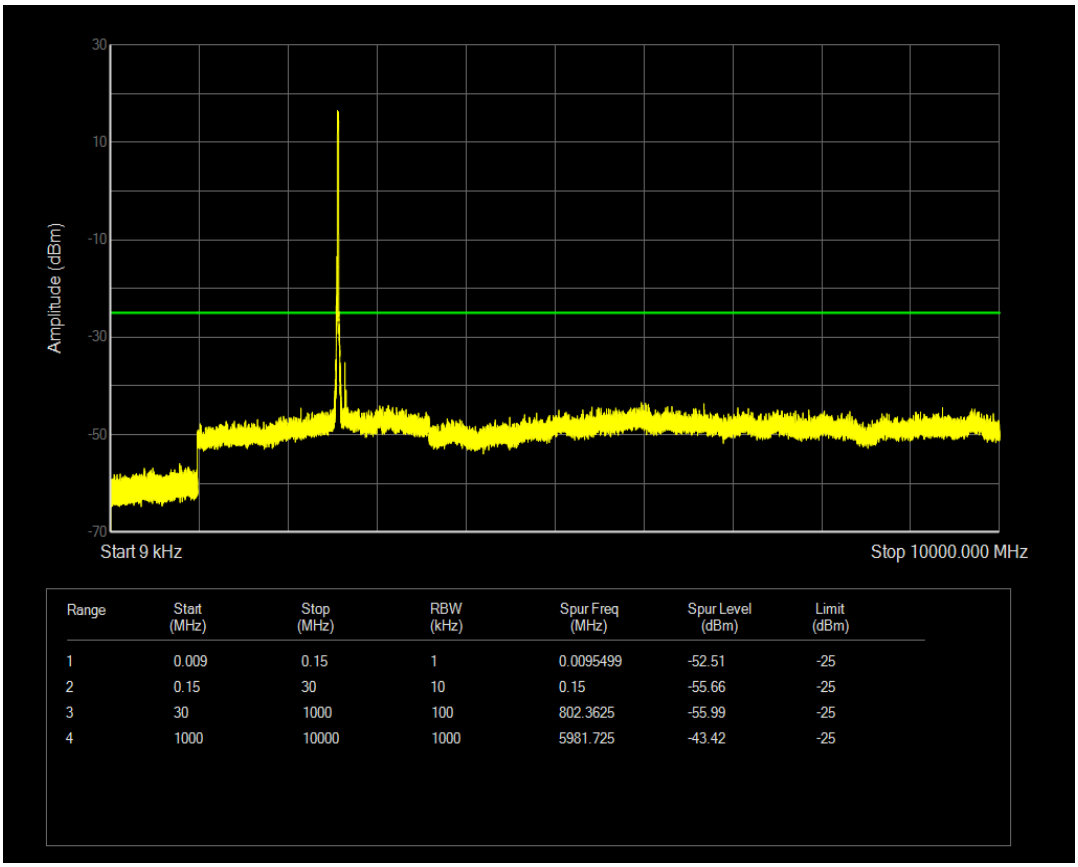
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010843575	-55.06	-25
2	0.15	30	10	0.15820875	-56.43	-25
3	30	1000	100	875.18525	-56.29	-25
4	1000	10000	1000	2662.75	-28.25	-25

Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0



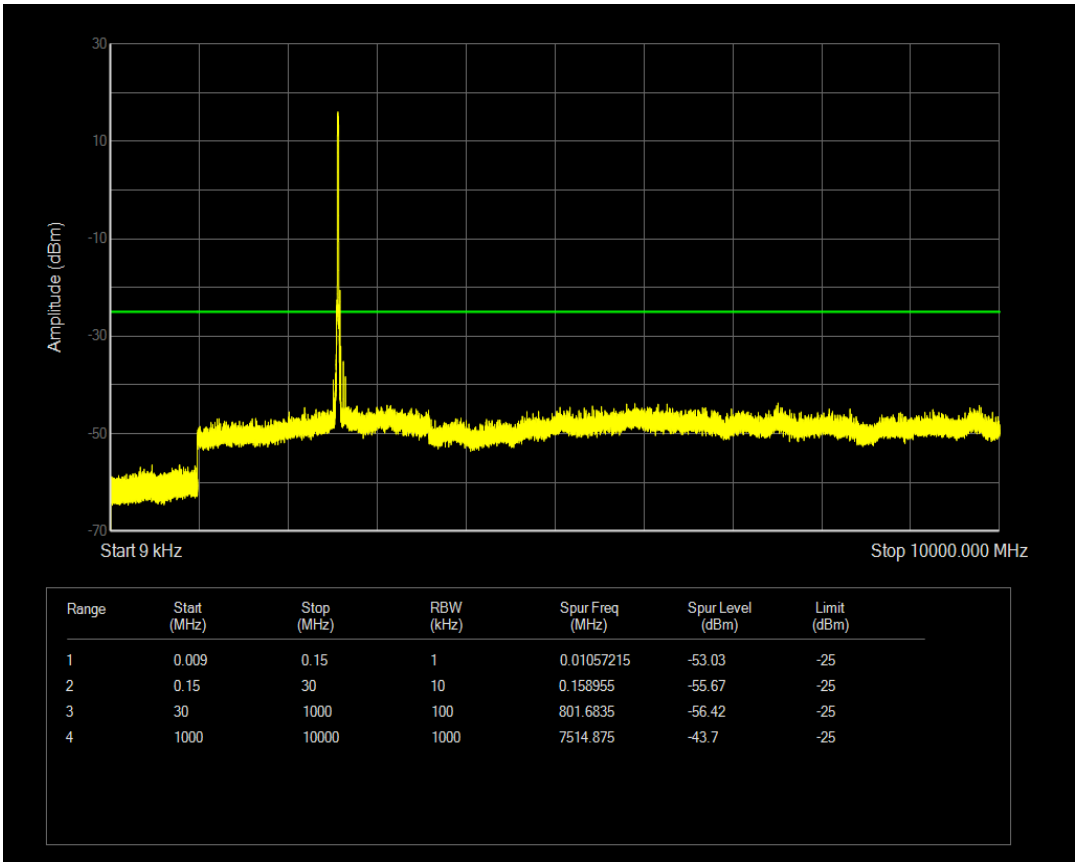
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.01	-25
2	0.15	30	10	0.1514925	-52.69	-25
3	30	1000	100	901.6905	-56	-25
4	1000	10000	1000	2667.25	-37.75	-25

Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



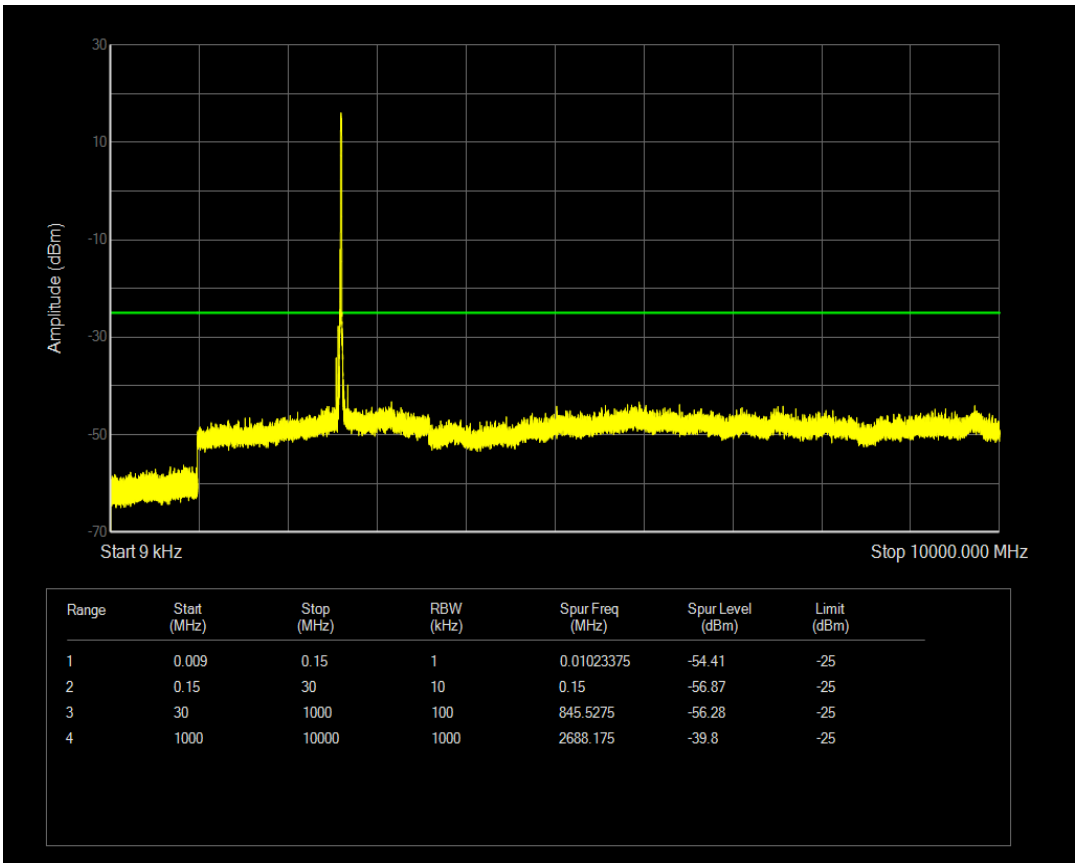
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095499	-52.51	-25
2	0.15	30	10	0.15	-55.66	-25
3	30	1000	100	802.3625	-55.99	-25
4	1000	10000	1000	5981.725	-43.42	-25

Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0



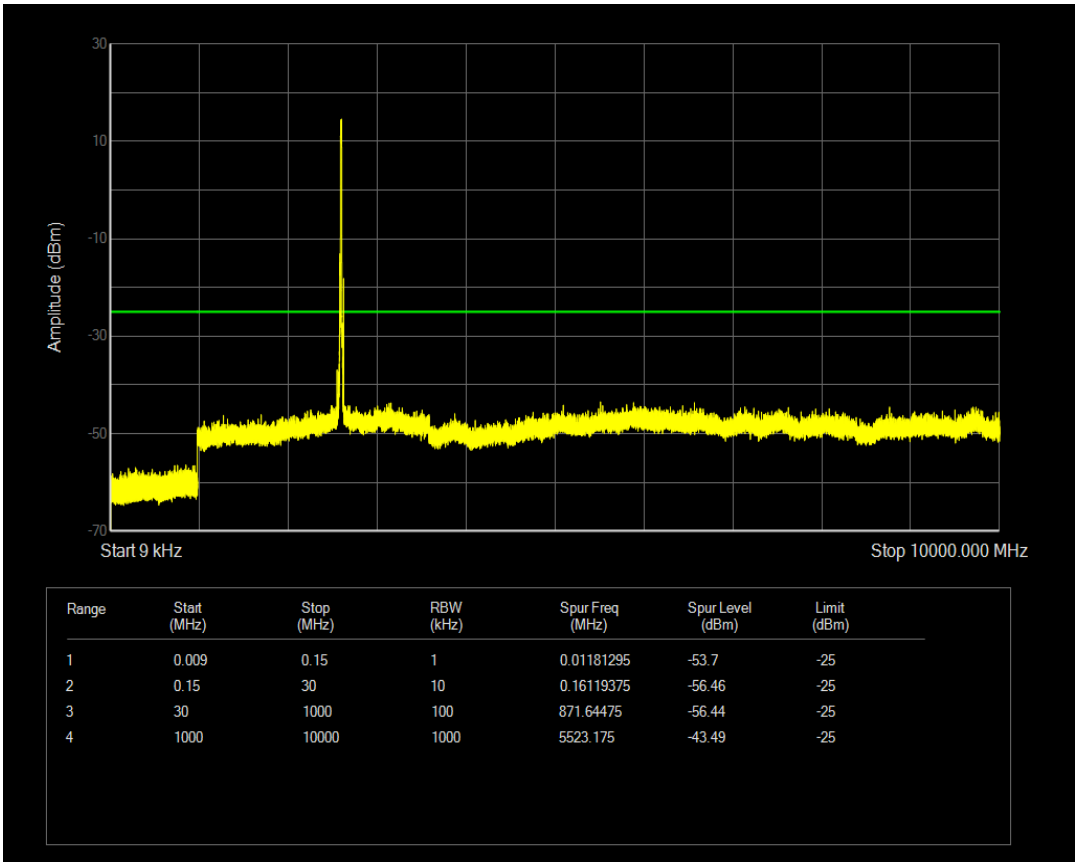
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01057215	-53.03	-25
2	0.15	30	10	0.158955	-55.67	-25
3	30	1000	100	801.6835	-56.42	-25
4	1000	10000	1000	7514.875	-43.7	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



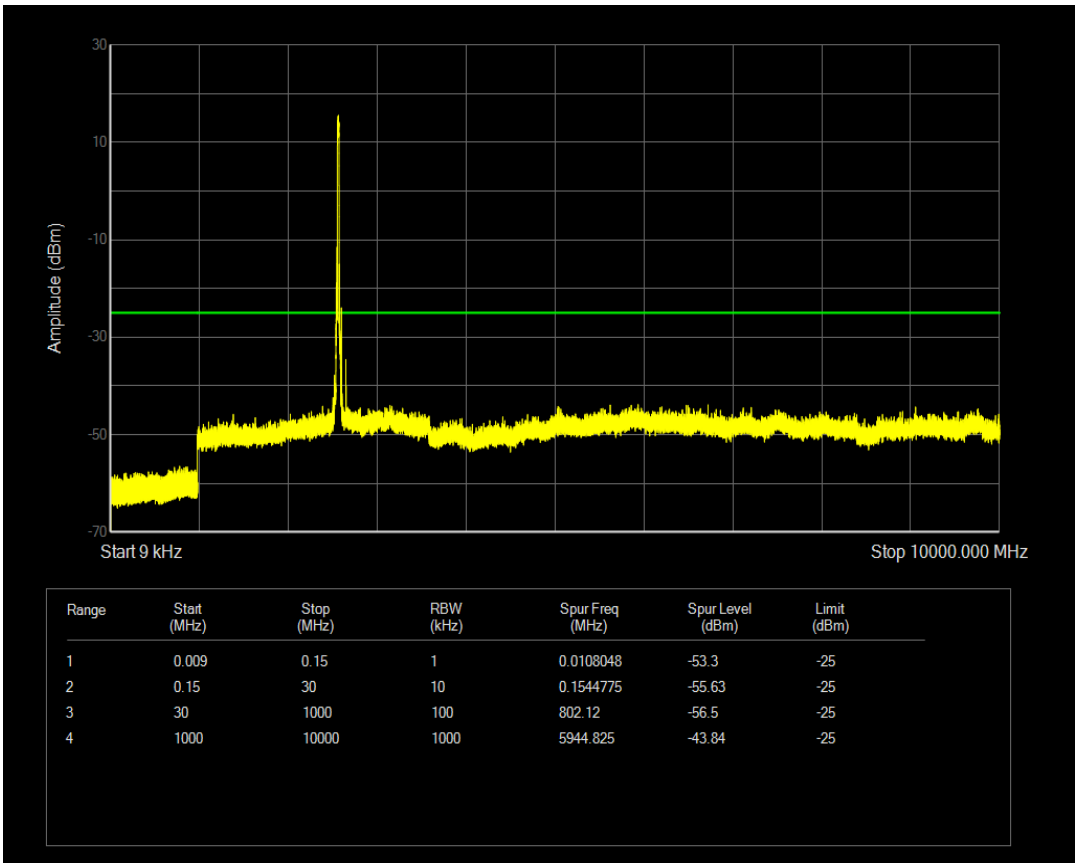
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01023375	-54.41	-25
2	0.15	30	10	0.15	-56.87	-25
3	30	1000	100	845.5275	-56.28	-25
4	1000	10000	1000	2688.175	-39.8	-25

Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0



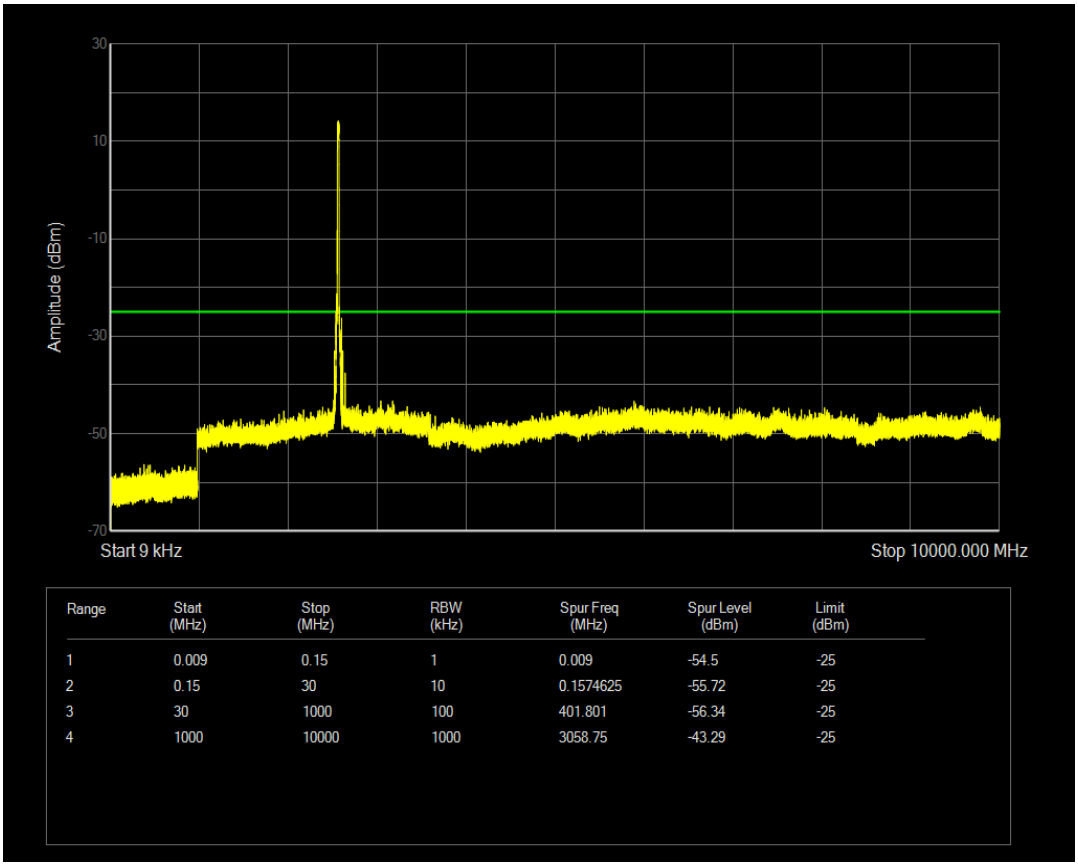
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01181295	-53.7	-25
2	0.15	30	10	0.16119375	-56.46	-25
3	30	1000	100	871.64475	-56.44	-25
4	1000	10000	1000	5523.175	-43.49	-25

Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



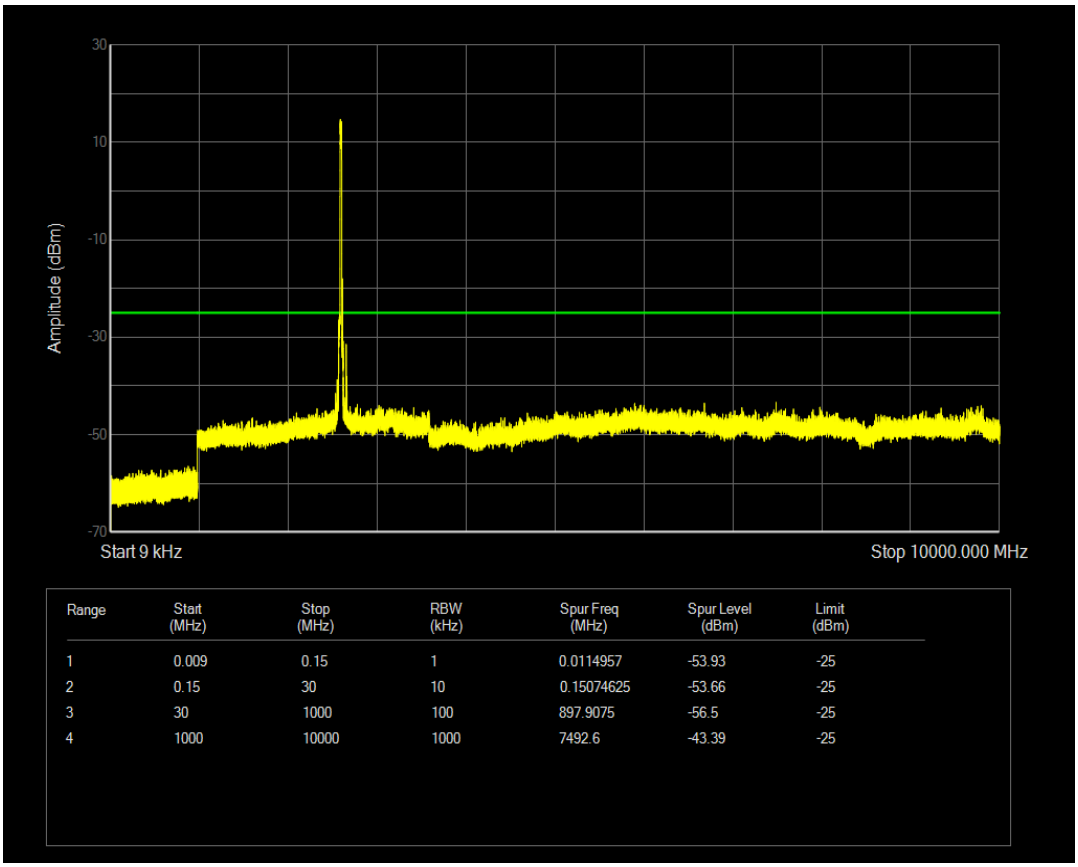
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108048	-53.3	-25
2	0.15	30	10	0.1544775	-55.63	-25
3	30	1000	100	802.12	-56.5	-25
4	1000	10000	1000	5944.825	-43.84	-25

Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0



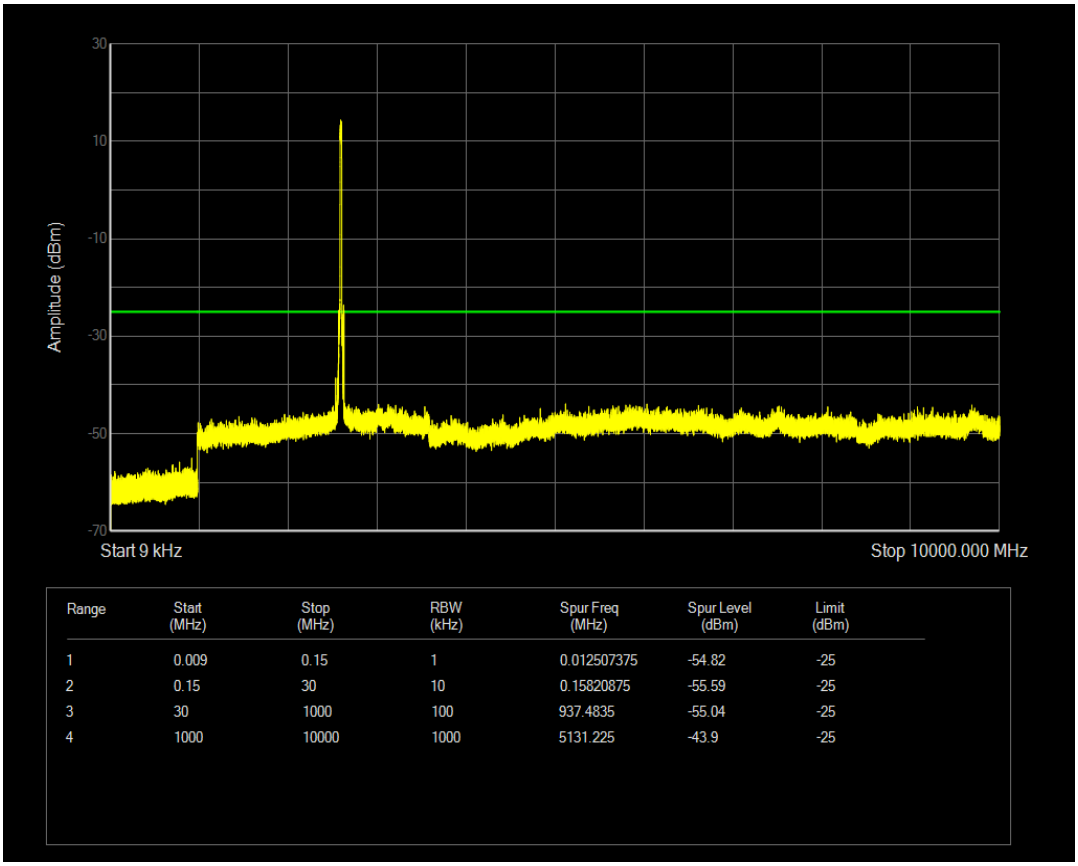
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.5	-25
2	0.15	30	10	0.1574625	-55.72	-25
3	30	1000	100	401.801	-56.34	-25
4	1000	10000	1000	3058.75	-43.29	-25

Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



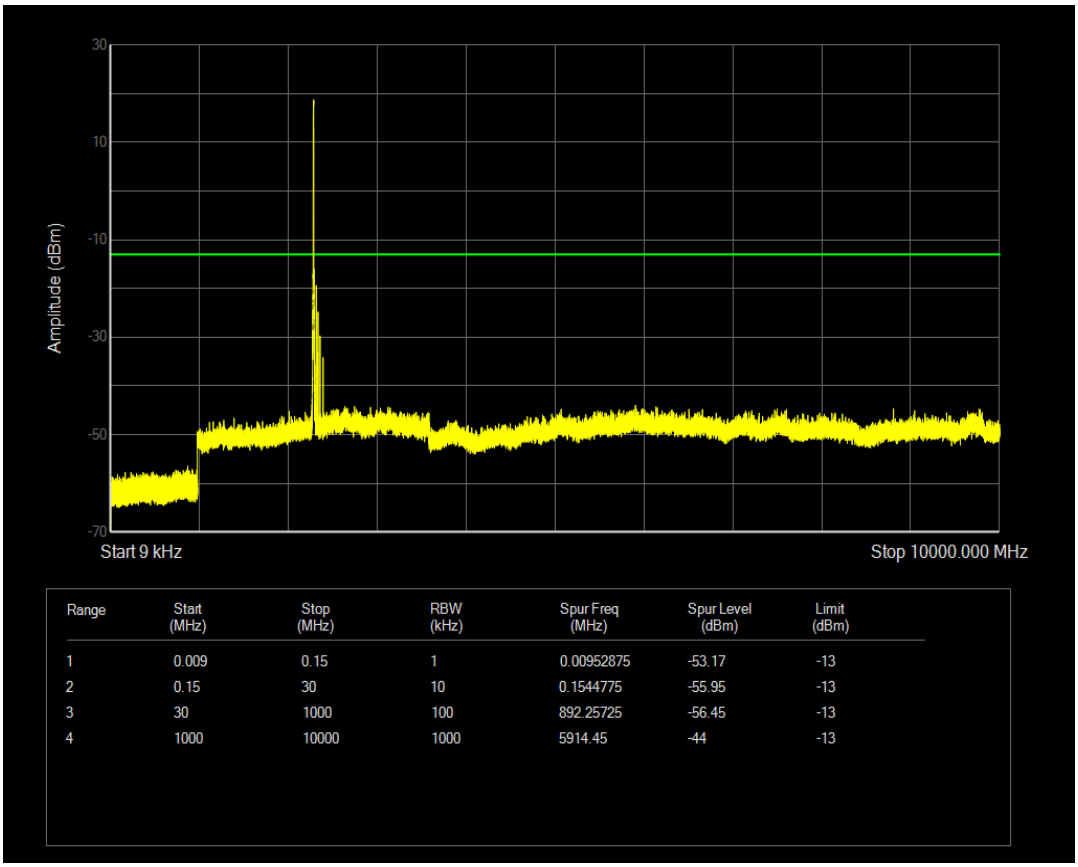
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114957	-53.93	-25
2	0.15	30	10	0.15074625	-53.66	-25
3	30	1000	100	897.9075	-56.5	-25
4	1000	10000	1000	7492.6	-43.39	-25

Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0



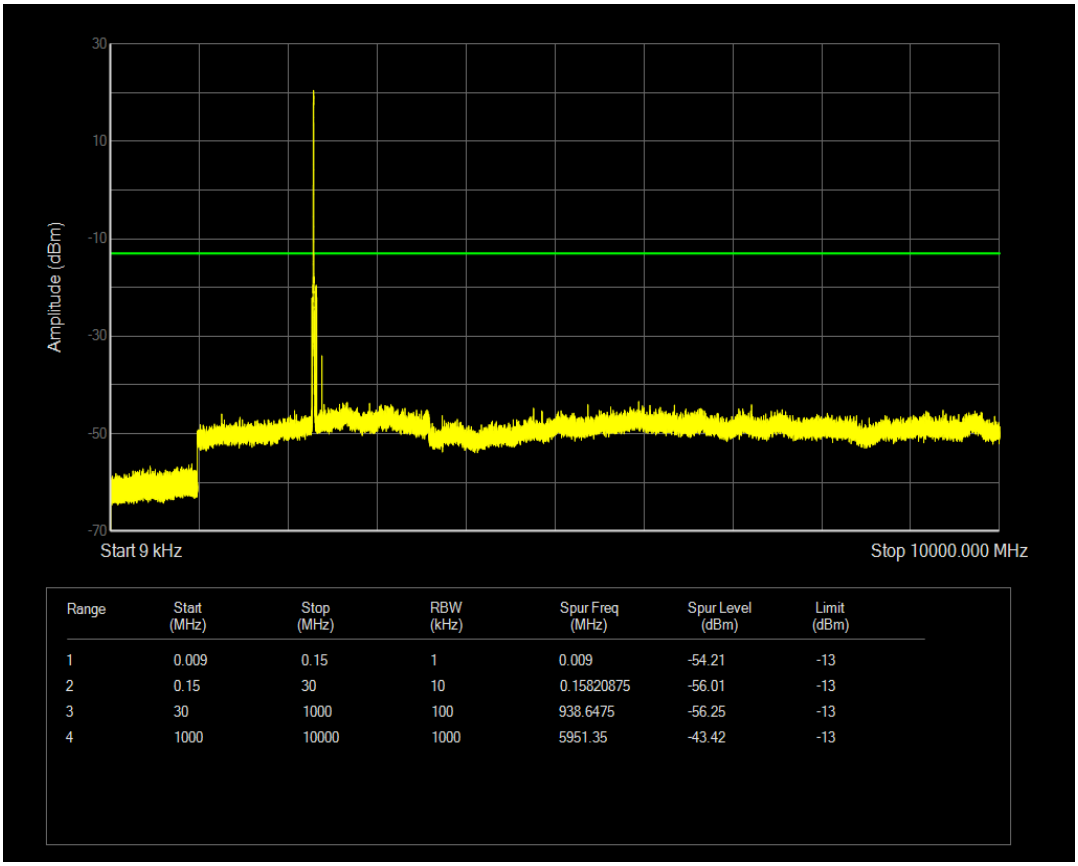
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012507375	-54.82	-25
2	0.15	30	10	0.15820875	-55.59	-25
3	30	1000	100	937.4835	-55.04	-25
4	1000	10000	1000	5131.225	-43.9	-25

Band40 QPSK BW=5MHz Channel=38675 RB Size=25 Position=#0



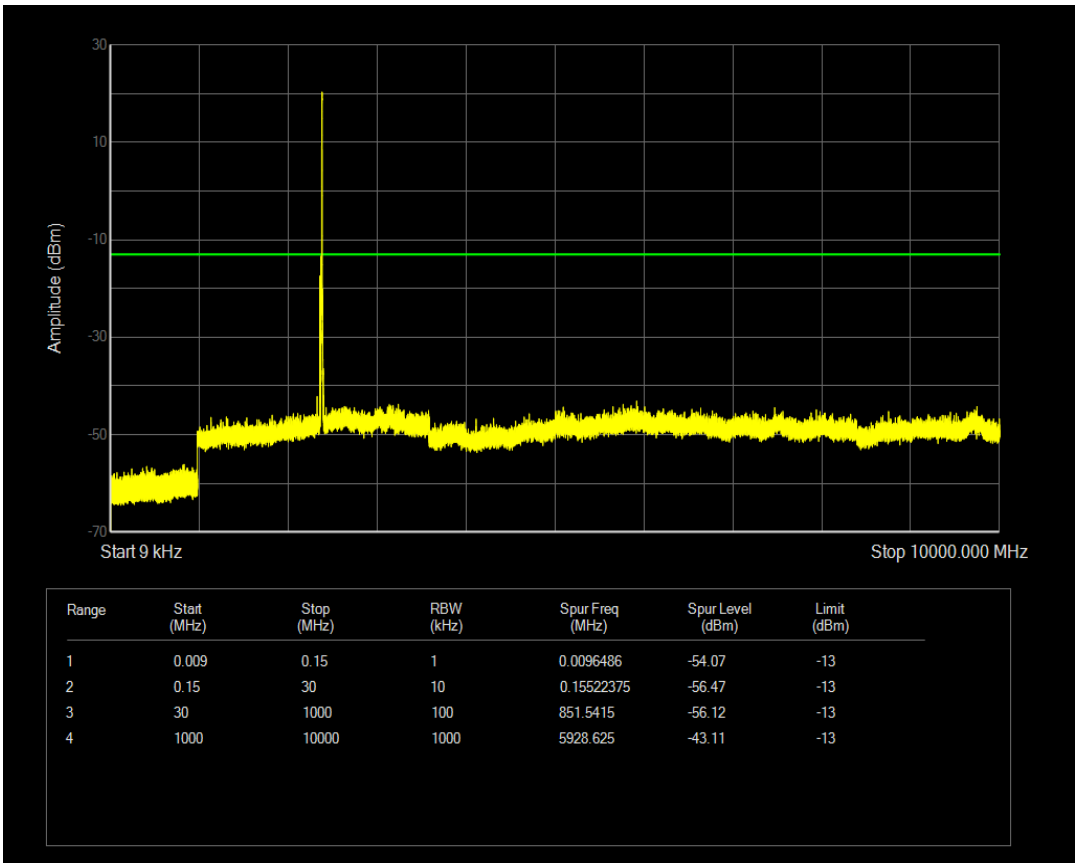
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00952875	-53.17	-13
2	0.15	30	10	0.1544775	-55.95	-13
3	30	1000	100	892.25725	-56.45	-13
4	1000	10000	1000	5914.45	-44	-13

Band40 QAM16 BW=5MHz Channel=38675 RB Size=25 Position=#0



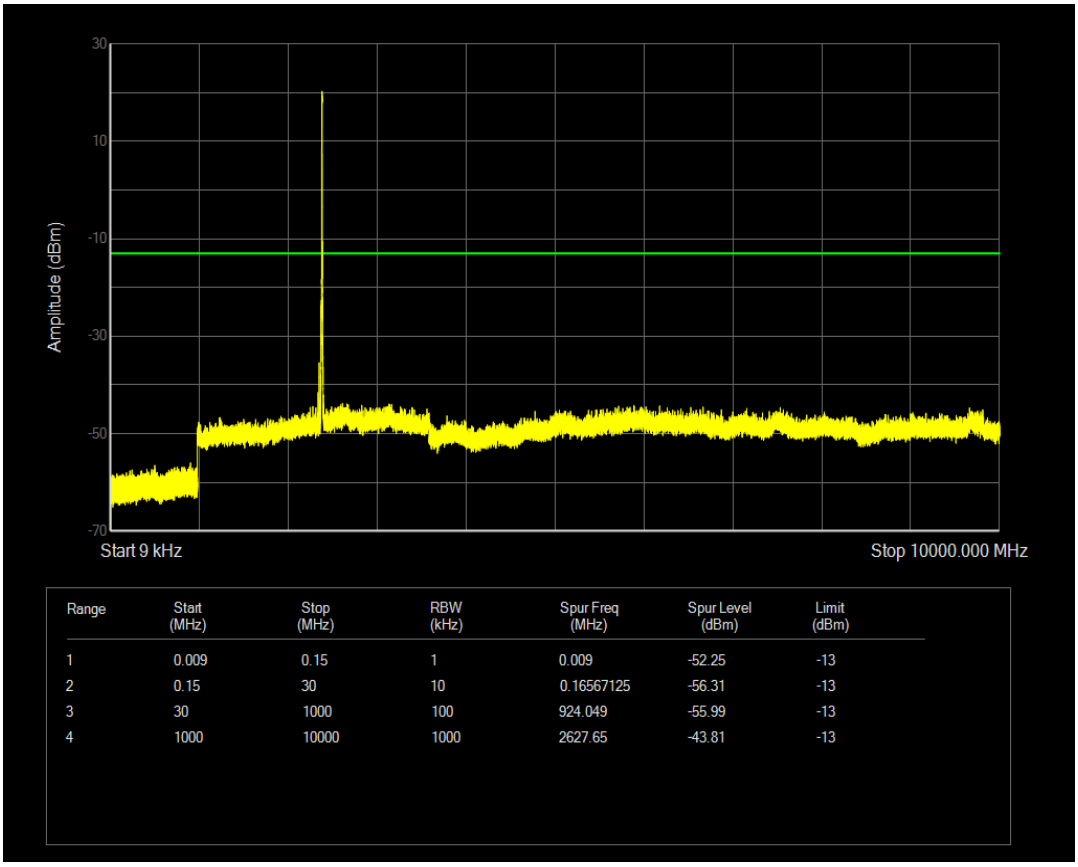
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.21	-13
2	0.15	30	10	0.15820875	-56.01	-13
3	30	1000	100	938.6475	-56.25	-13
4	1000	10000	1000	5951.35	-43.42	-13

Band40 QPSK BW=5MHz Channel=39625 RB Size=25 Position=#0



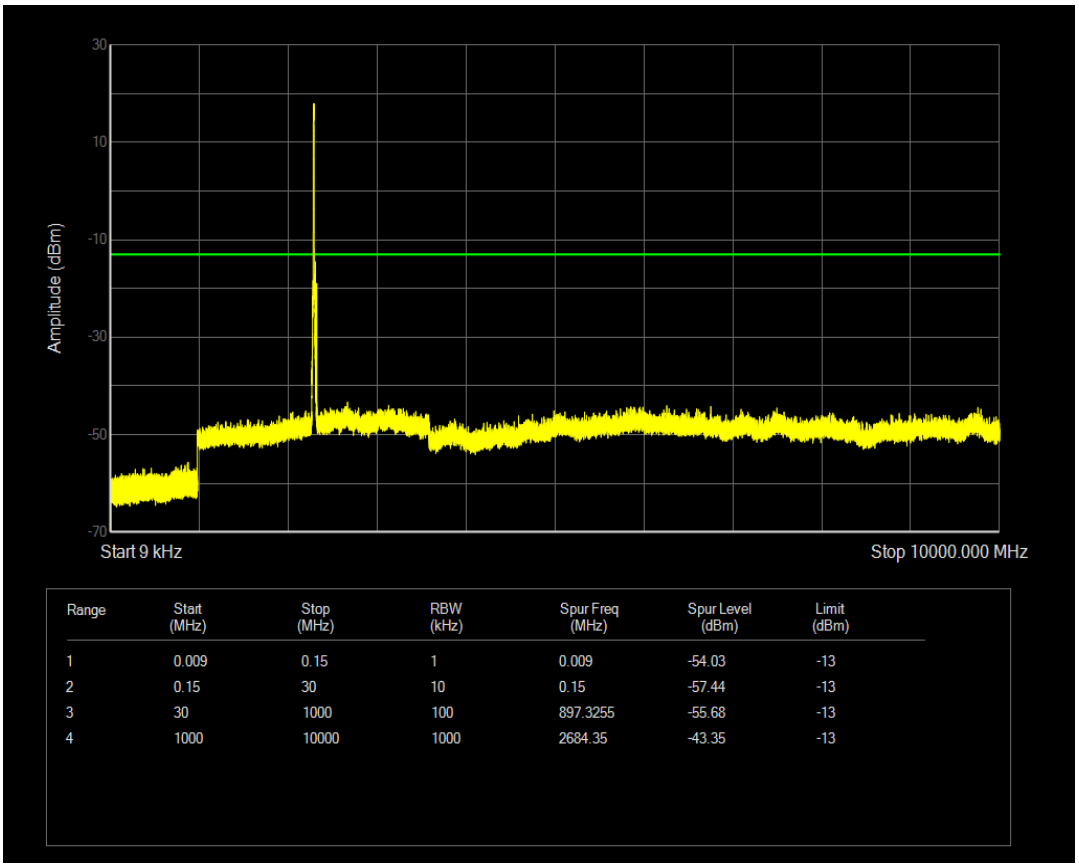
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-54.07	-13
2	0.15	30	10	0.15522375	-56.47	-13
3	30	1000	100	851.5415	-56.12	-13
4	1000	10000	1000	5928.625	-43.11	-13

Band40 QAM16 BW=5MHz Channel=39625 RB Size=25 Position=#0



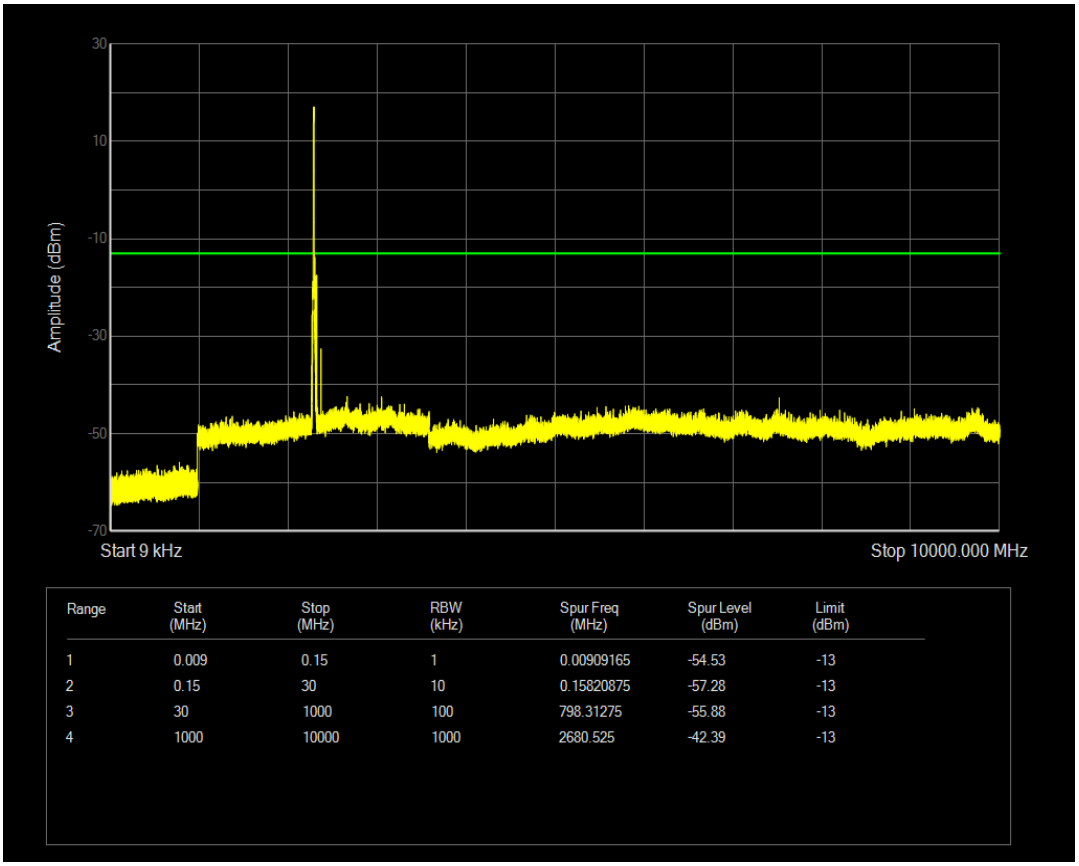
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-52.25	-13
2	0.15	30	10	0.16567125	-56.31	-13
3	30	1000	100	924.049	-55.99	-13
4	1000	10000	1000	2627.65	-43.81	-13

Band40 QPSK BW=10MHz Channel=38700 RB Size=50 Position=#0



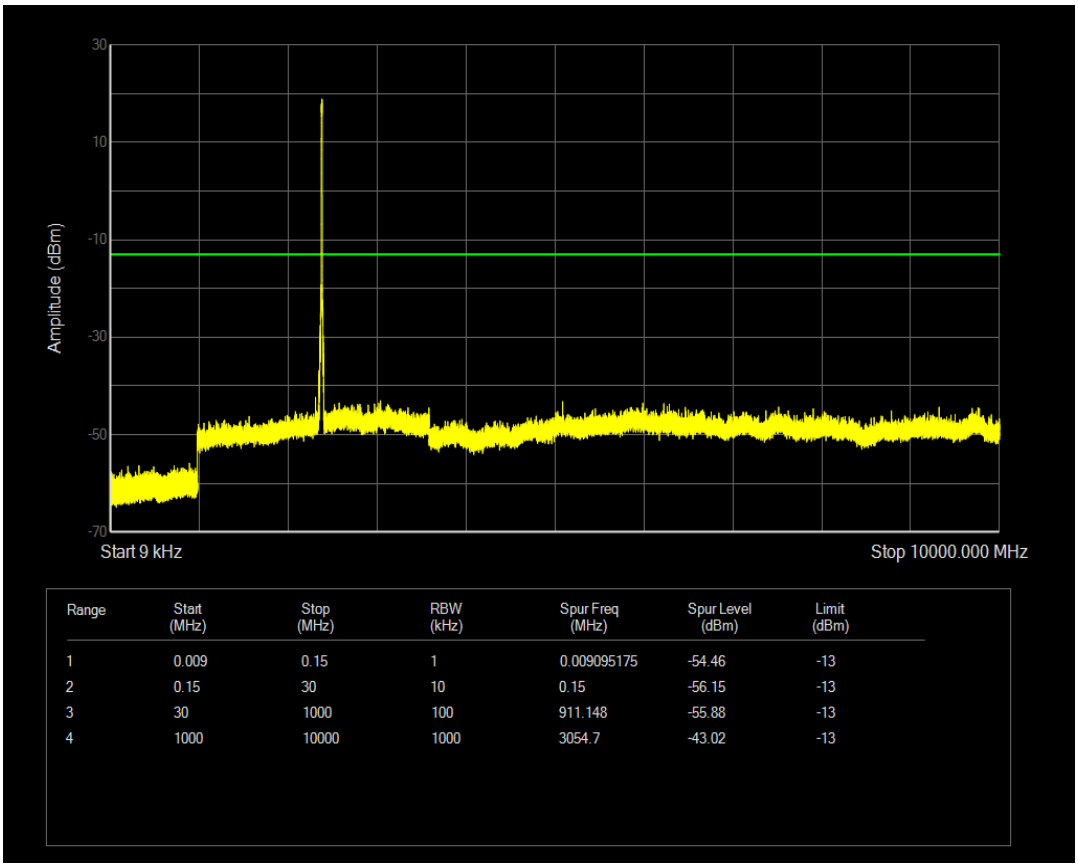
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.03	-13
2	0.15	30	10	0.15	-57.44	-13
3	30	1000	100	897.3255	-55.68	-13
4	1000	10000	1000	2684.35	-43.35	-13

Band40 QAM16 BW=10MHz Channel=38700 RB Size=50 Position=#0



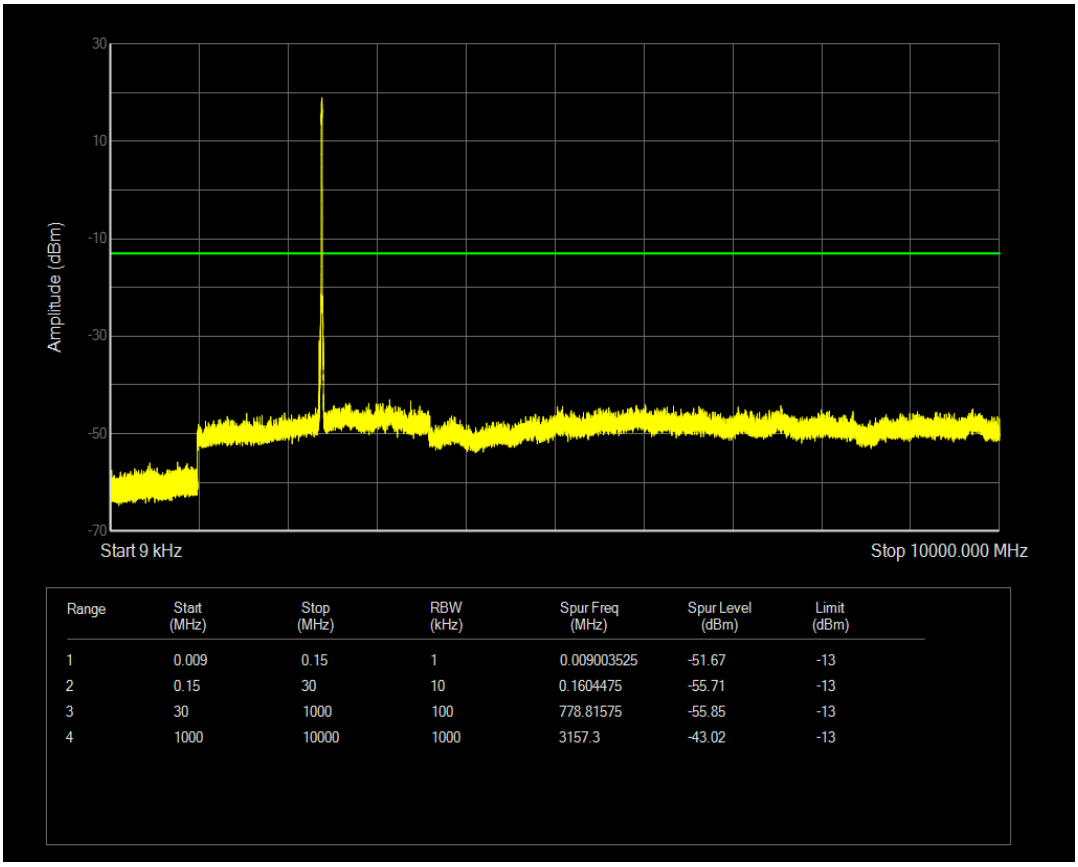
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00909165	-54.53	-13
2	0.15	30	10	0.15820875	-57.28	-13
3	30	1000	100	798.31275	-55.88	-13
4	1000	10000	1000	2680.525	-42.39	-13

Band40 QPSK BW=10MHz Channel=39600 RB Size=50 Position=#0



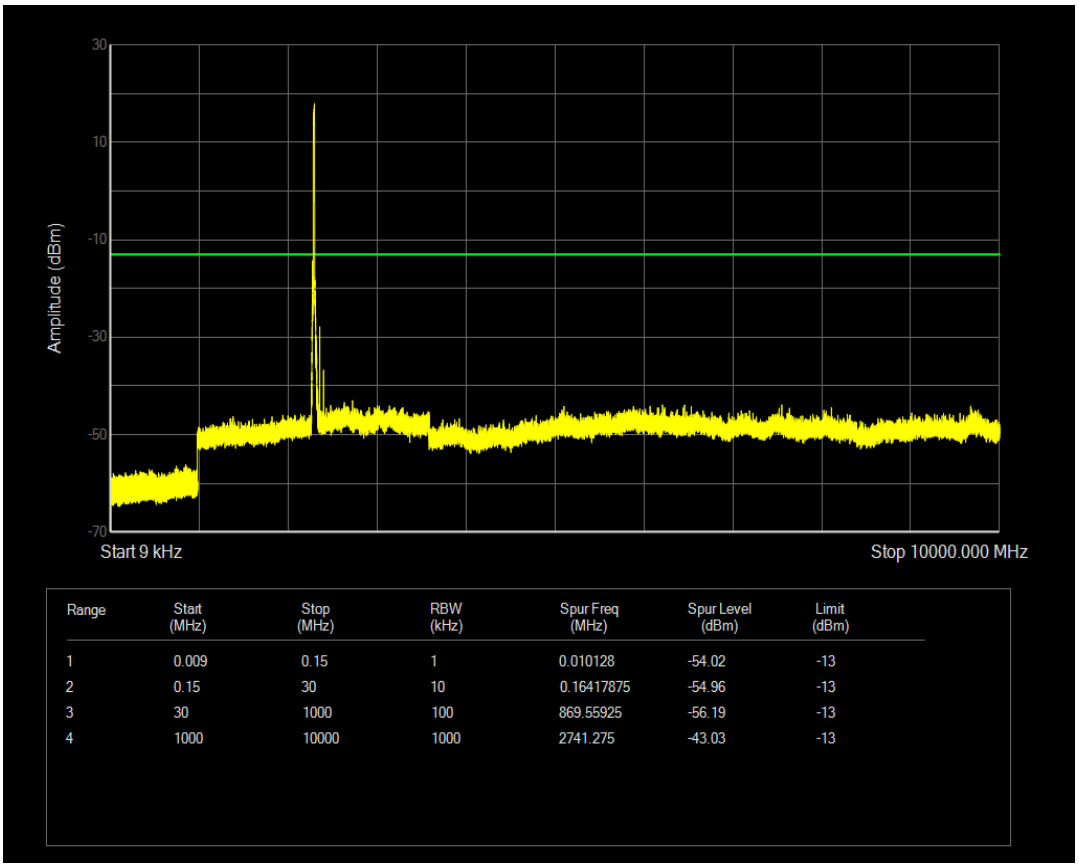
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009095175	-54.46	-13
2	0.15	30	10	0.15	-56.15	-13
3	30	1000	100	911.148	-55.88	-13
4	1000	10000	1000	3054.7	-43.02	-13

Band40 QAM16 BW=10MHz Channel=39600 RB Size=50 Position=#0



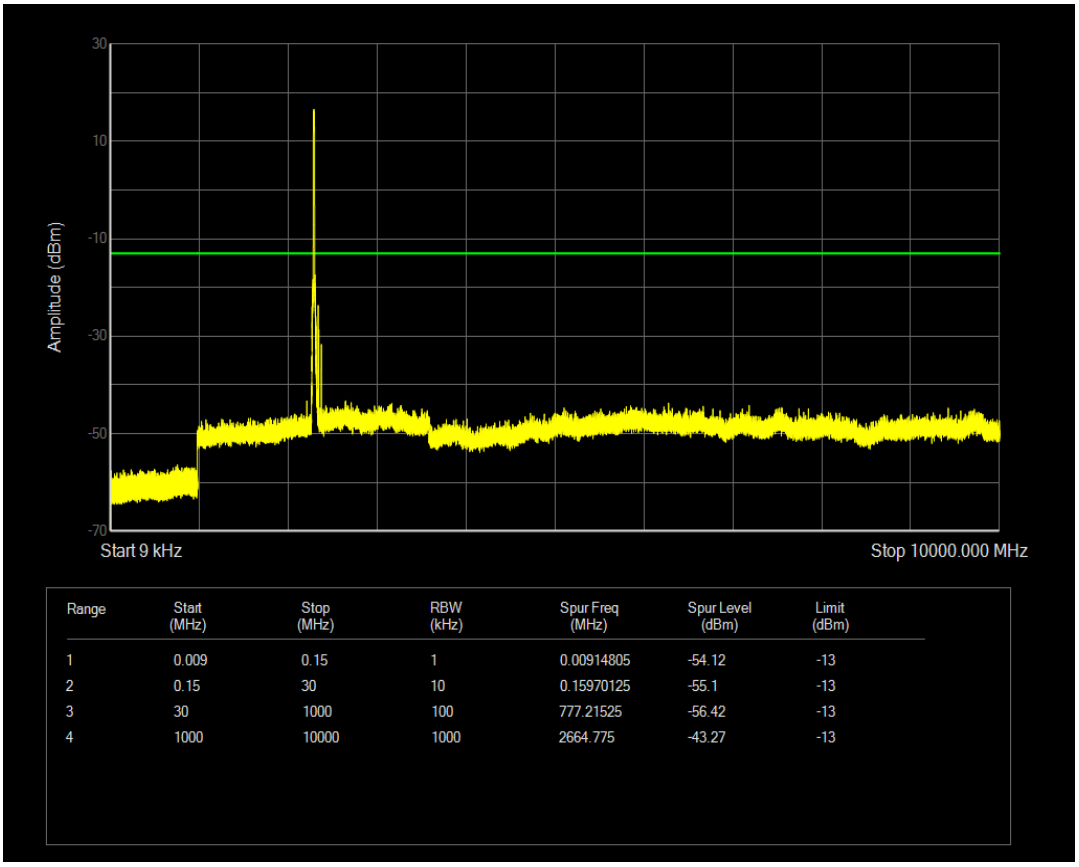
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009003525	-51.67	-13
2	0.15	30	10	0.1604475	-55.71	-13
3	30	1000	100	778.81575	-55.85	-13
4	1000	10000	1000	3157.3	-43.02	-13

Band40 QPSK BW=15MHz Channel=38725 RB Size=75 Position=#0



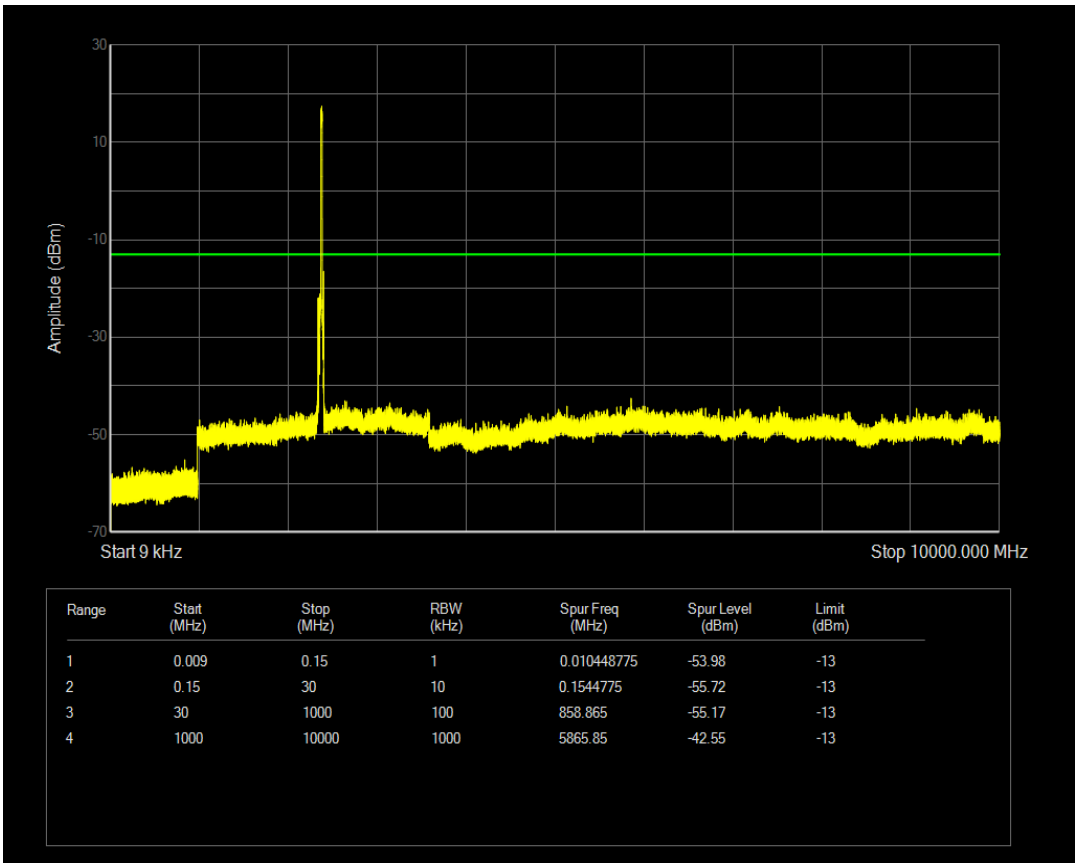
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010128	-54.02	-13
2	0.15	30	10	0.16417875	-54.96	-13
3	30	1000	100	869.55925	-56.19	-13
4	1000	10000	1000	2741.275	-43.03	-13

Band40 QAM16 BW=15MHz Channel=38725 RB Size=75 Position=#0



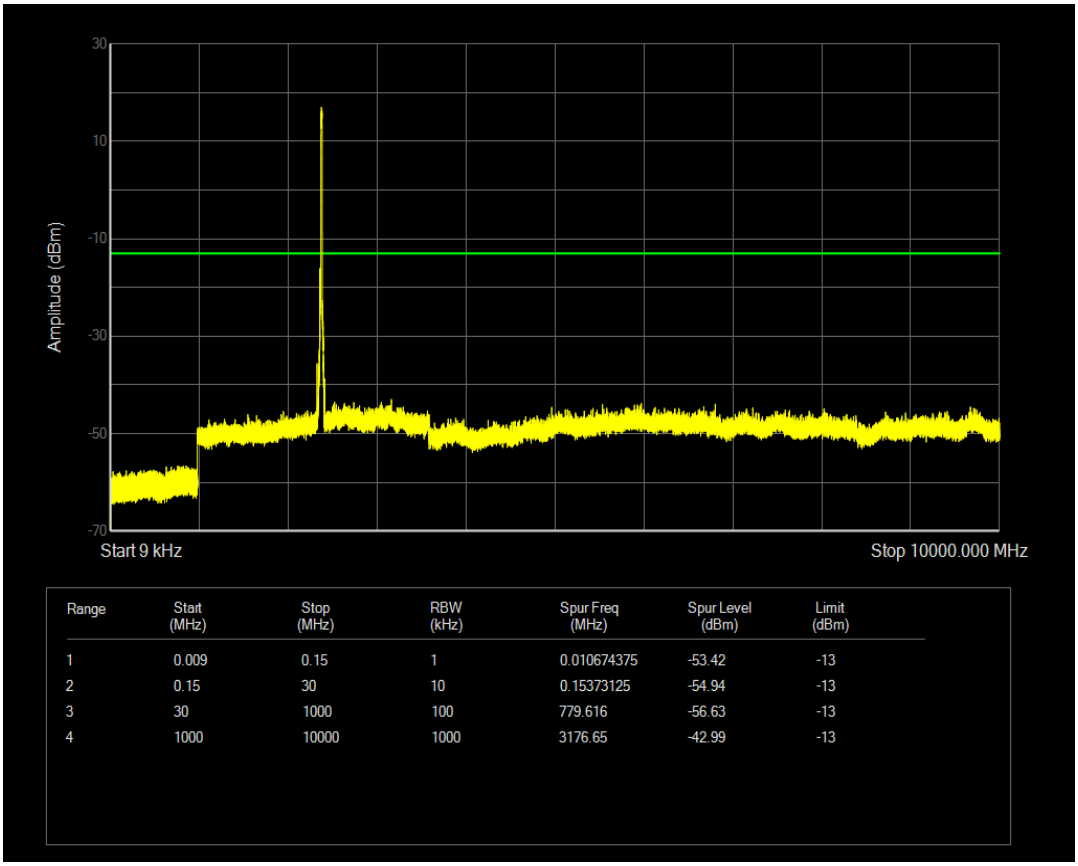
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00914805	-54.12	-13
2	0.15	30	10	0.15970125	-55.1	-13
3	30	1000	100	777.21525	-56.42	-13
4	1000	10000	1000	2664.775	-43.27	-13

Band40 QPSK BW=15MHz Channel=39575 RB Size=75 Position=#0



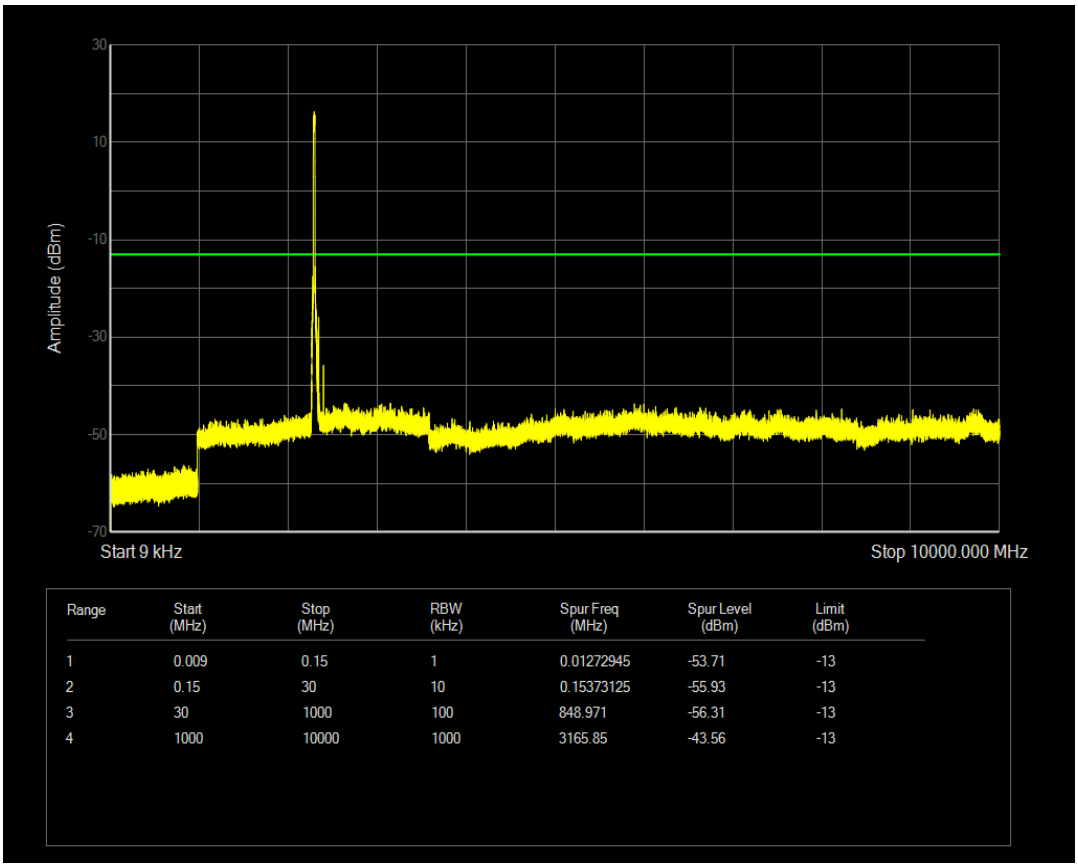
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010448775	-53.98	-13
2	0.15	30	10	0.1544775	-55.72	-13
3	30	1000	100	858.865	-55.17	-13
4	1000	10000	1000	5865.85	-42.55	-13

Band40 QAM16 BW=15MHz Channel=39575 RB Size=75 Position=#0



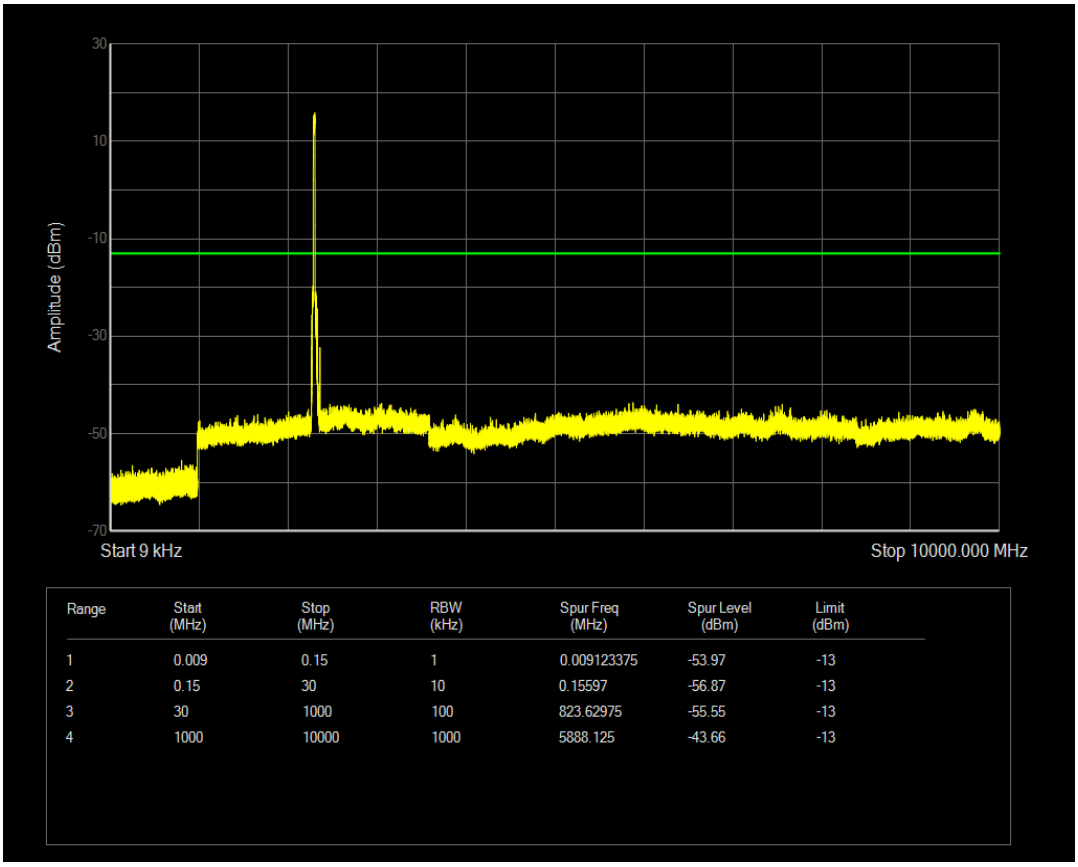
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010674375	-53.42	-13
2	0.15	30	10	0.15373125	-54.94	-13
3	30	1000	100	779.616	-56.63	-13
4	1000	10000	1000	3176.65	-42.99	-13

Band40 QPSK BW=20MHz Channel=38750 RB Size=100 Position=#0



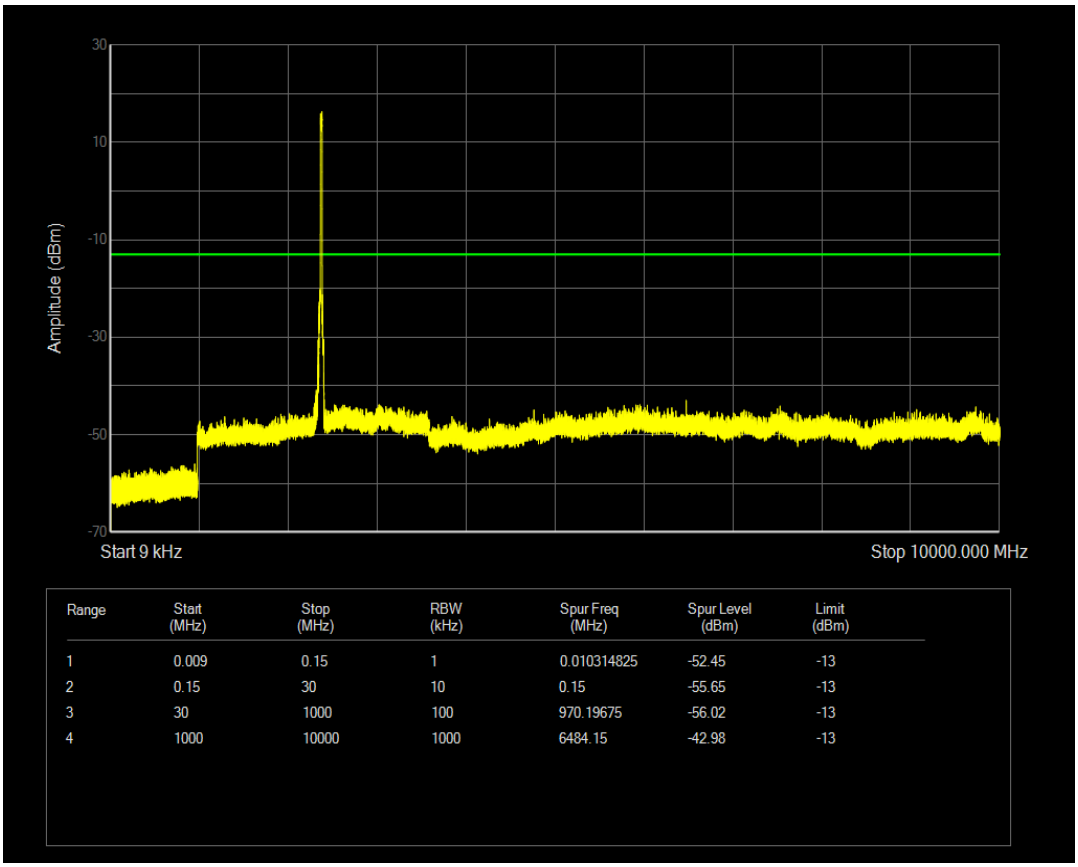
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01272945	-53.71	-13
2	0.15	30	10	0.15373125	-55.93	-13
3	30	1000	100	848.971	-56.31	-13
4	1000	10000	1000	3165.85	-43.56	-13

Band40 QAM16 BW=20MHz Channel=38750 RB Size=100 Position=#0



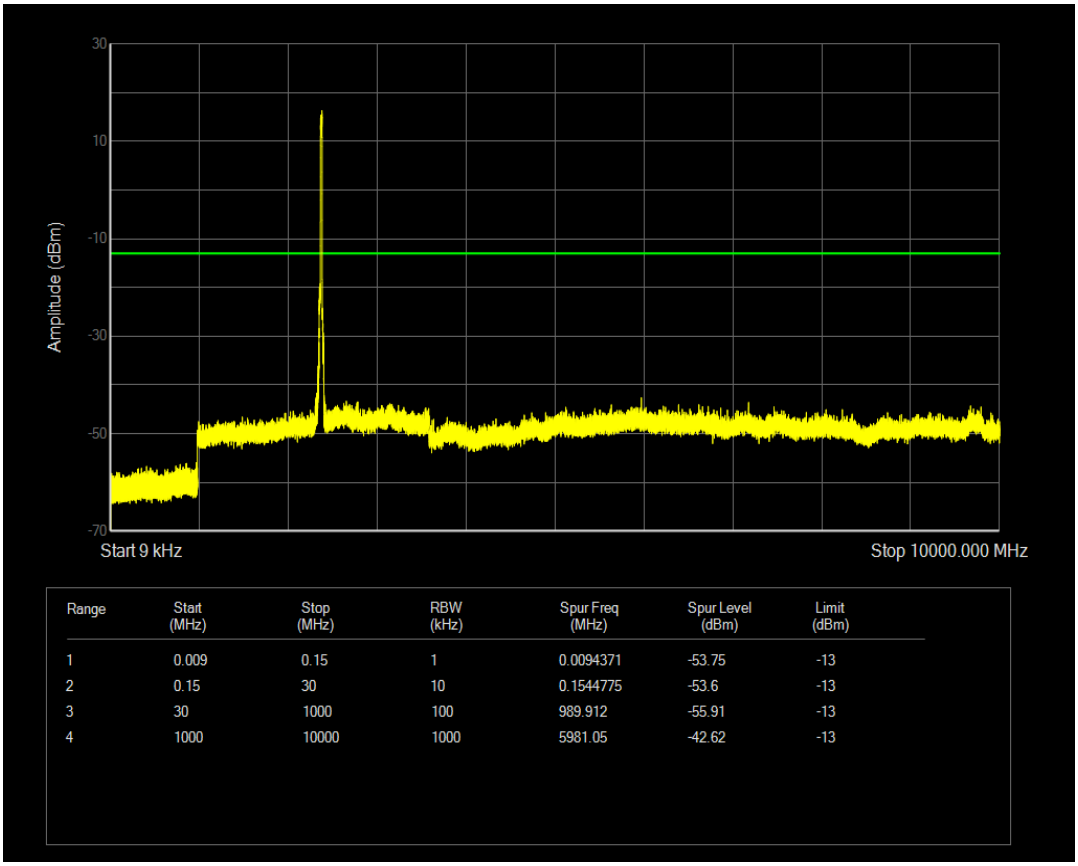
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009123375	-53.97	-13
2	0.15	30	10	0.15597	-56.87	-13
3	30	1000	100	823.62975	-55.55	-13
4	1000	10000	1000	5888.125	-43.66	-13

Band40 QPSK BW=20MHz Channel=39550 RB Size=100 Position=#0



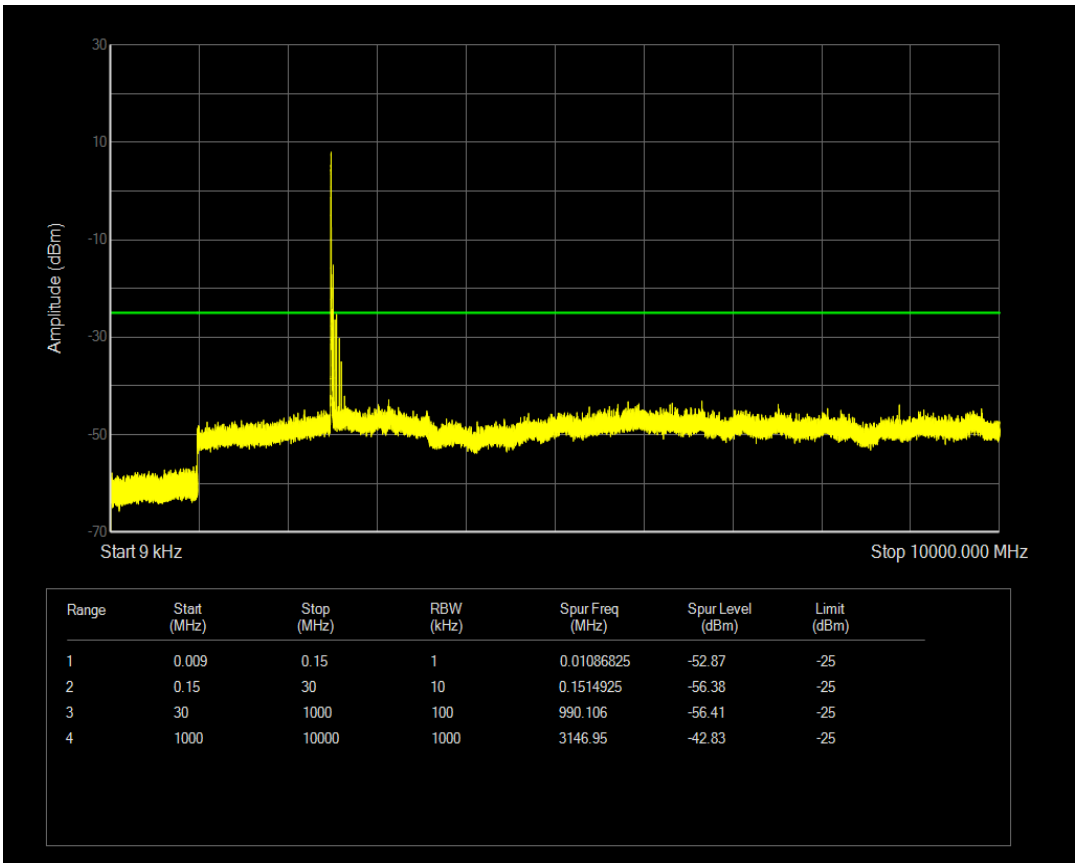
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010314825	-52.45	-13
2	0.15	30	10	0.15	-55.65	-13
3	30	1000	100	970.19675	-56.02	-13
4	1000	10000	1000	6484.15	-42.98	-13

Band40 QAM16 BW=20MHz Channel=39550 RB Size=100 Position=#0



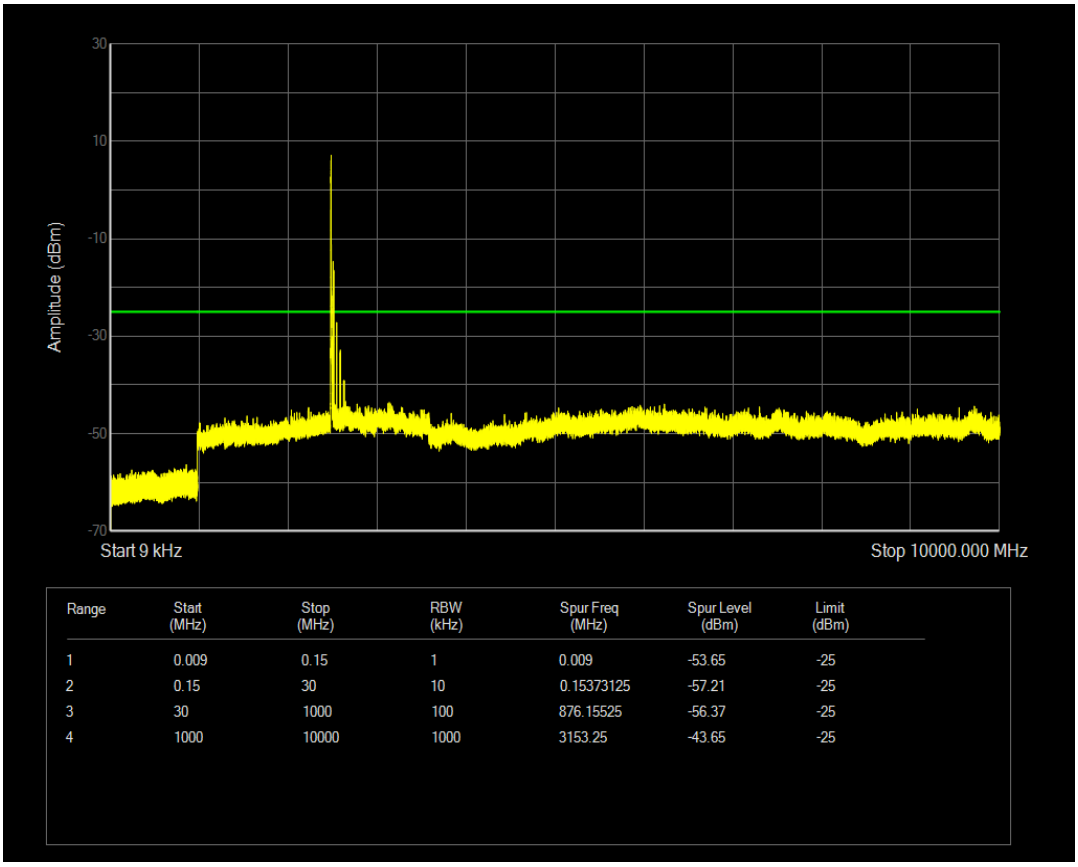
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-53.75	-13
2	0.15	30	10	0.1544775	-53.6	-13
3	30	1000	100	989.912	-55.91	-13
4	1000	10000	1000	5981.05	-42.62	-13

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



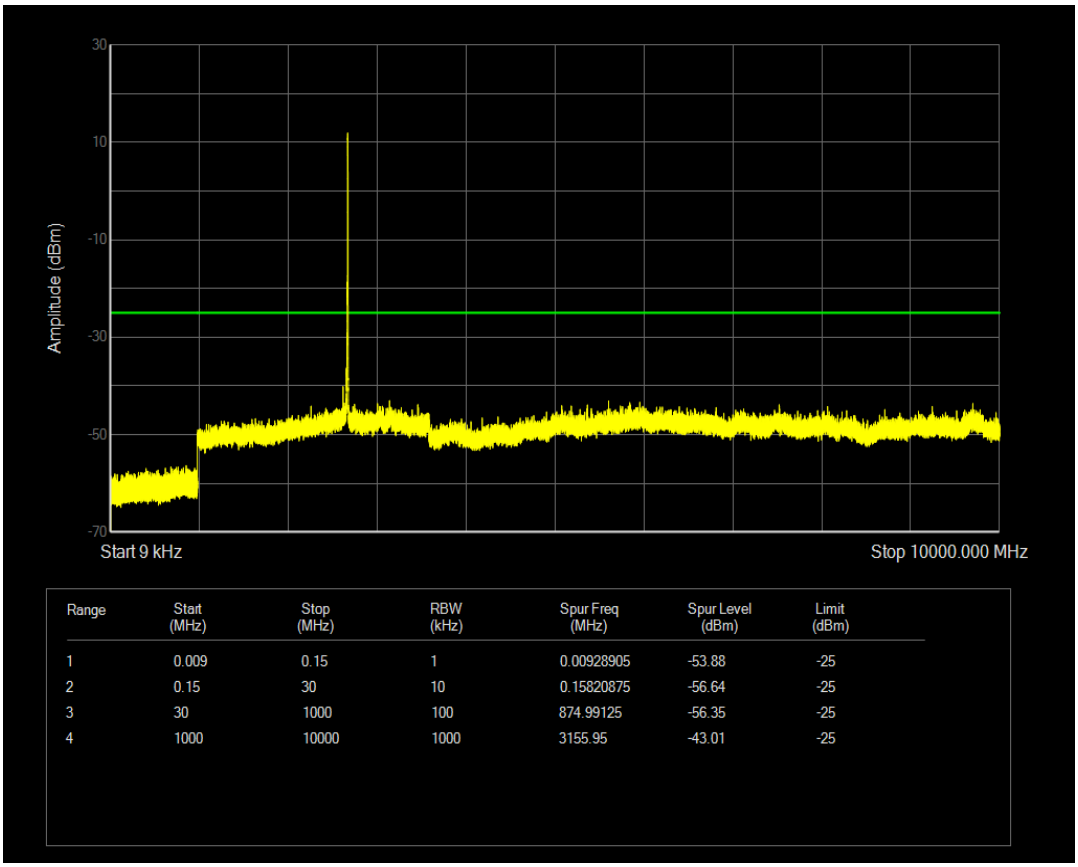
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01086825	-52.87	-25
2	0.15	30	10	0.1514925	-56.38	-25
3	30	1000	100	990.106	-56.41	-25
4	1000	10000	1000	3146.95	-42.83	-25

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



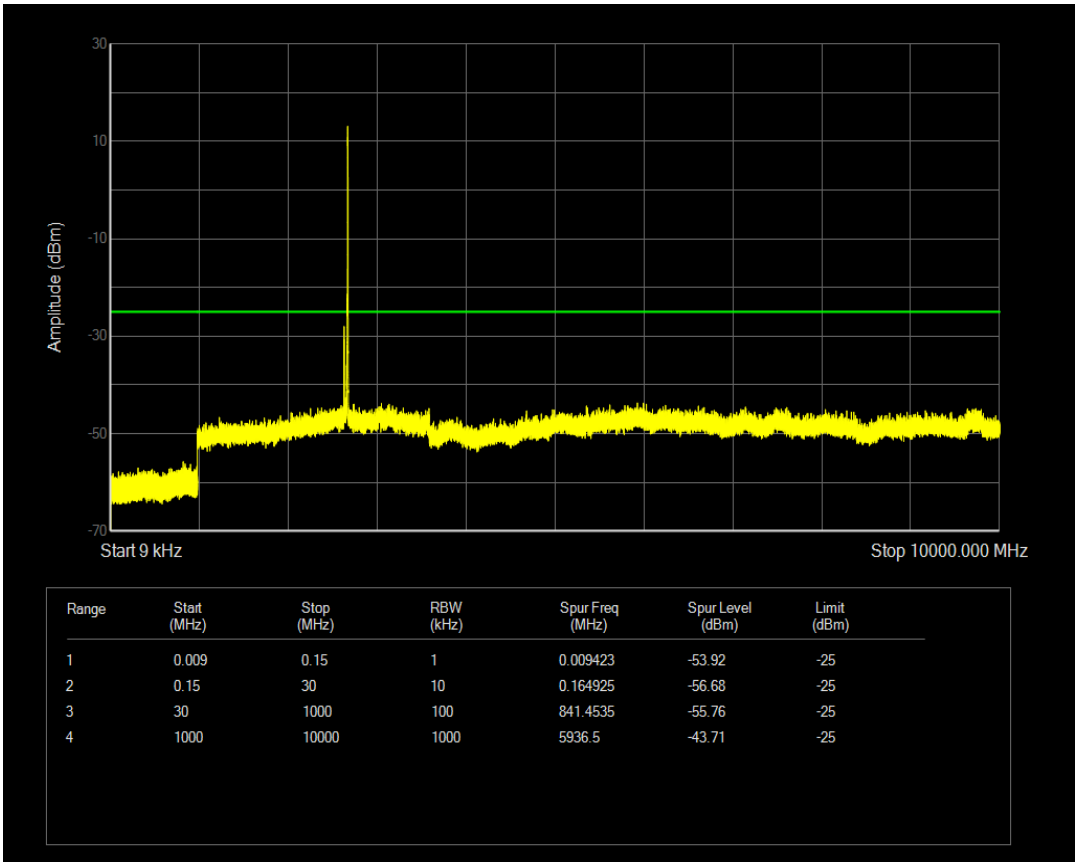
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.65	-25
2	0.15	30	10	0.15373125	-57.21	-25
3	30	1000	100	876.15525	-56.37	-25
4	1000	10000	1000	3153.25	-43.65	-25

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



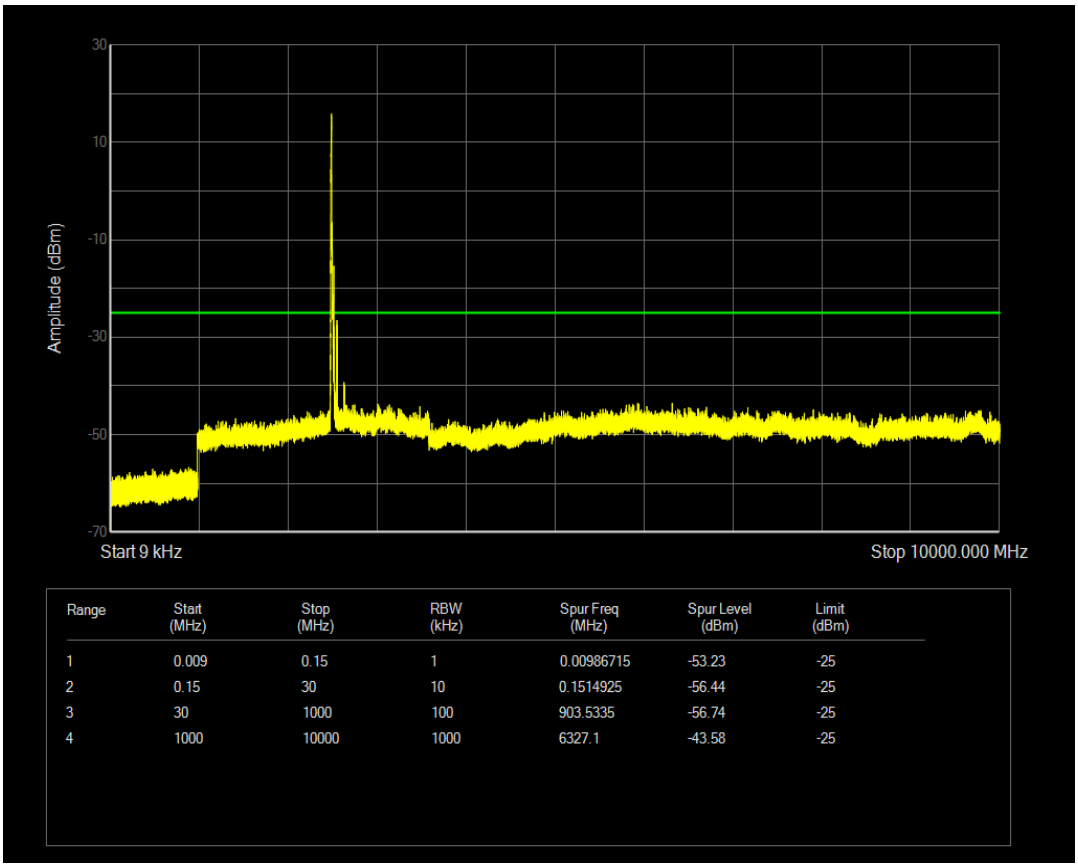
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00928905	-53.88	-25
2	0.15	30	10	0.15820875	-56.64	-25
3	30	1000	100	874.99125	-56.35	-25
4	1000	10000	1000	3155.95	-43.01	-25

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



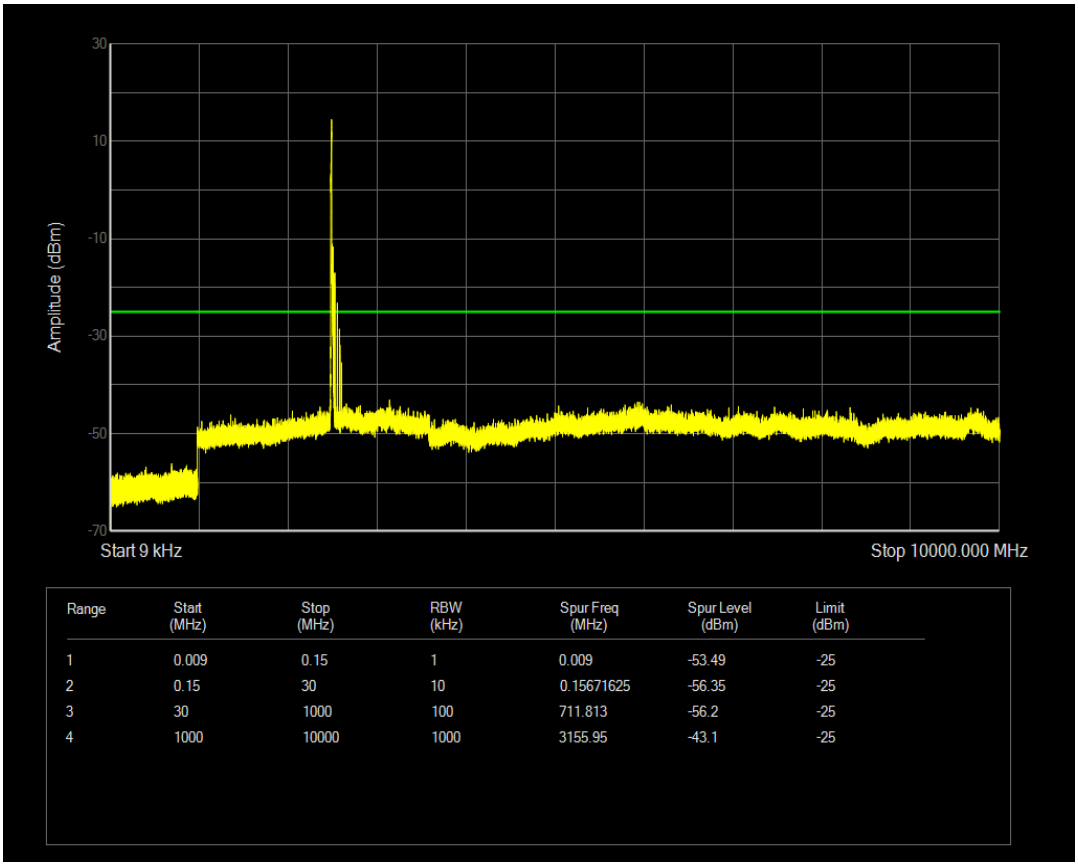
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009423	-53.92	-25
2	0.15	30	10	0.164925	-56.68	-25
3	30	1000	100	841.4535	-55.76	-25
4	1000	10000	1000	5936.5	-43.71	-25

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



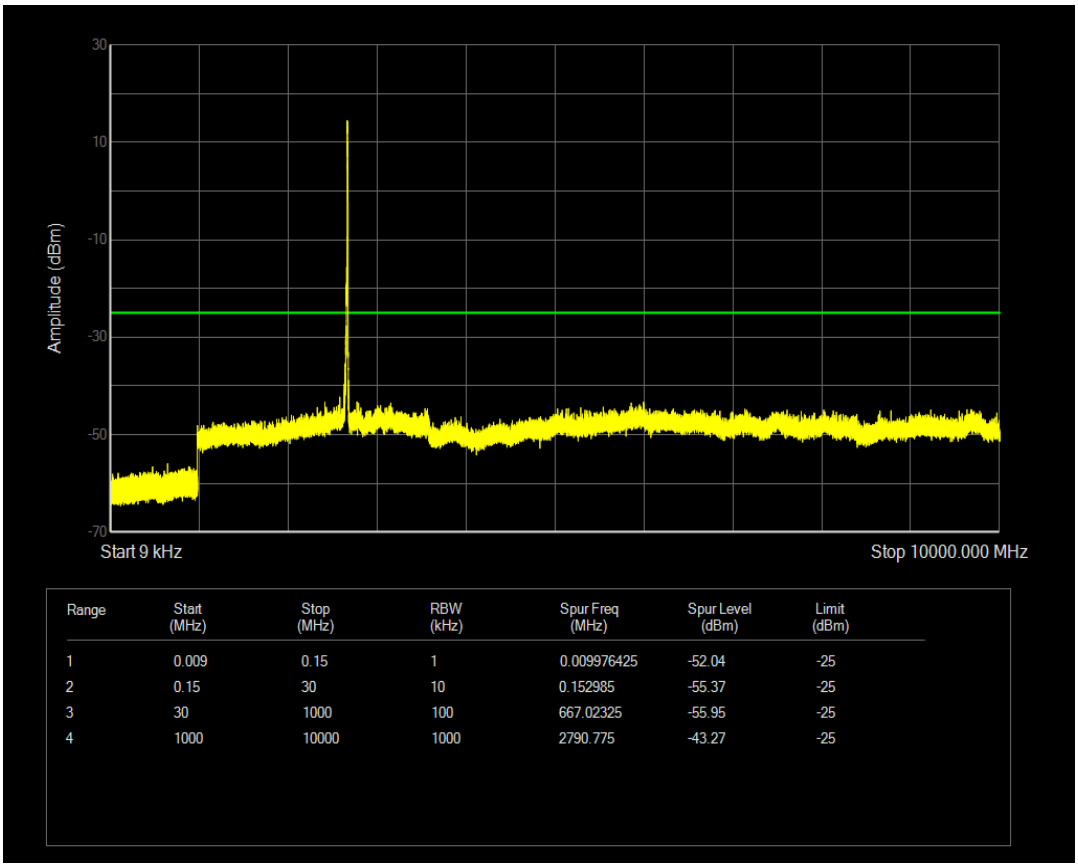
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00986715	-53.23	-25
2	0.15	30	10	0.1514925	-56.44	-25
3	30	1000	100	903.5335	-56.74	-25
4	1000	10000	1000	6327.1	-43.58	-25

Band41 QAM16 BW=10MHz Channel=39700 RB Size=50 Position=#0



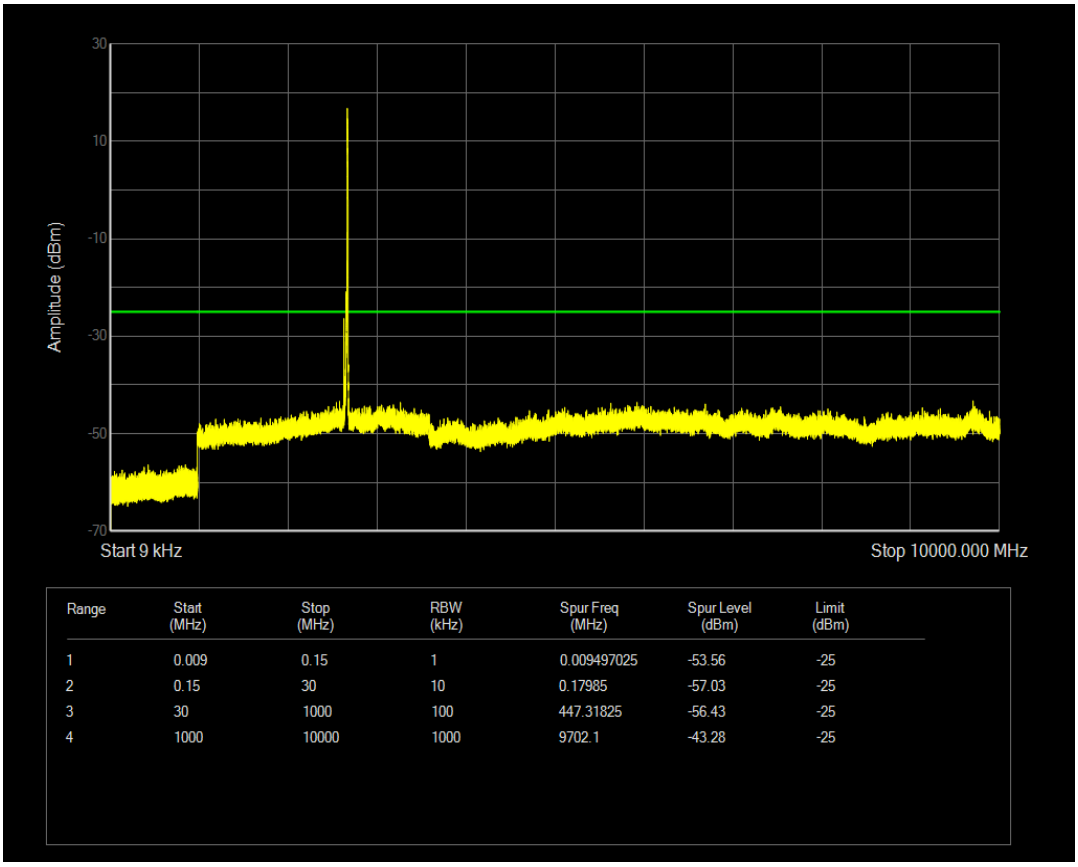
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.49	-25
2	0.15	30	10	0.15671625	-56.35	-25
3	30	1000	100	711.813	-56.2	-25
4	1000	10000	1000	3155.95	-43.1	-25

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



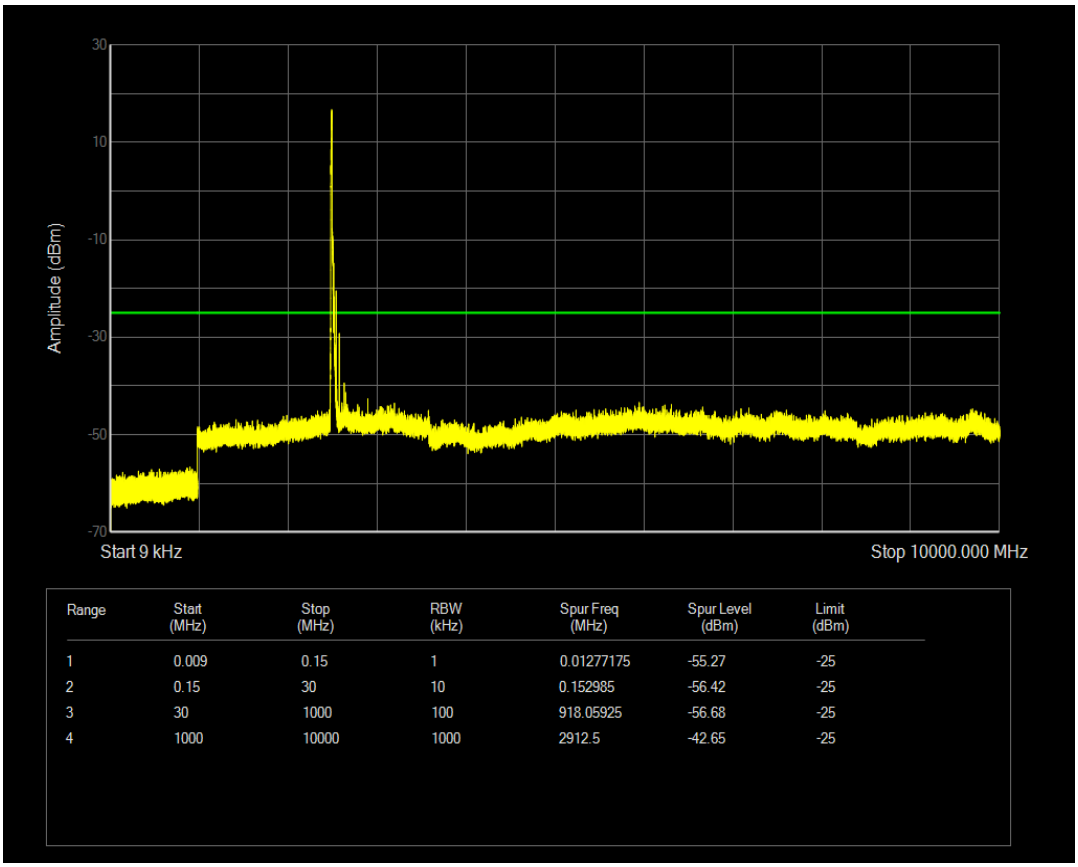
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009976425	-52.04	-25
2	0.15	30	10	0.152985	-55.37	-25
3	30	1000	100	667.02325	-55.95	-25
4	1000	10000	1000	2790.775	-43.27	-25

Band41 QAM16 BW=10MHz Channel=41540 RB Size=50 Position=#0



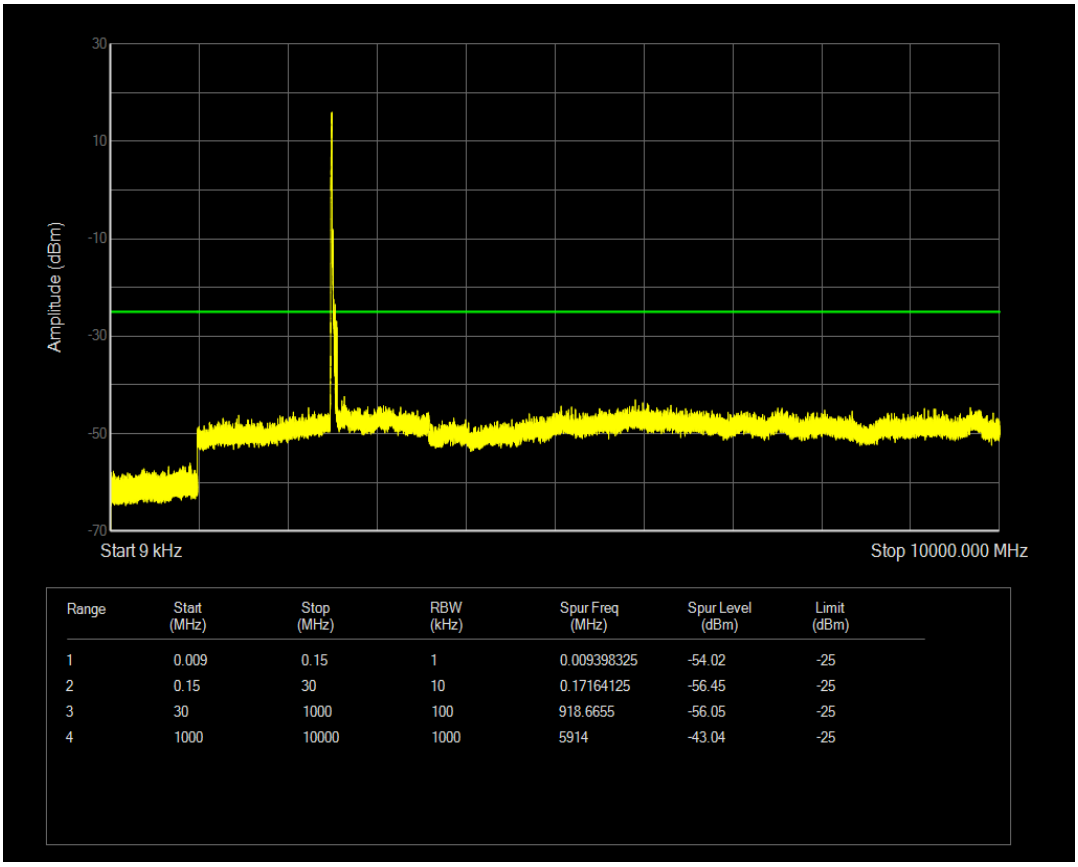
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009497025	-53.56	-25
2	0.15	30	10	0.17985	-57.03	-25
3	30	1000	100	447.31825	-56.43	-25
4	1000	10000	1000	9702.1	-43.28	-25

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



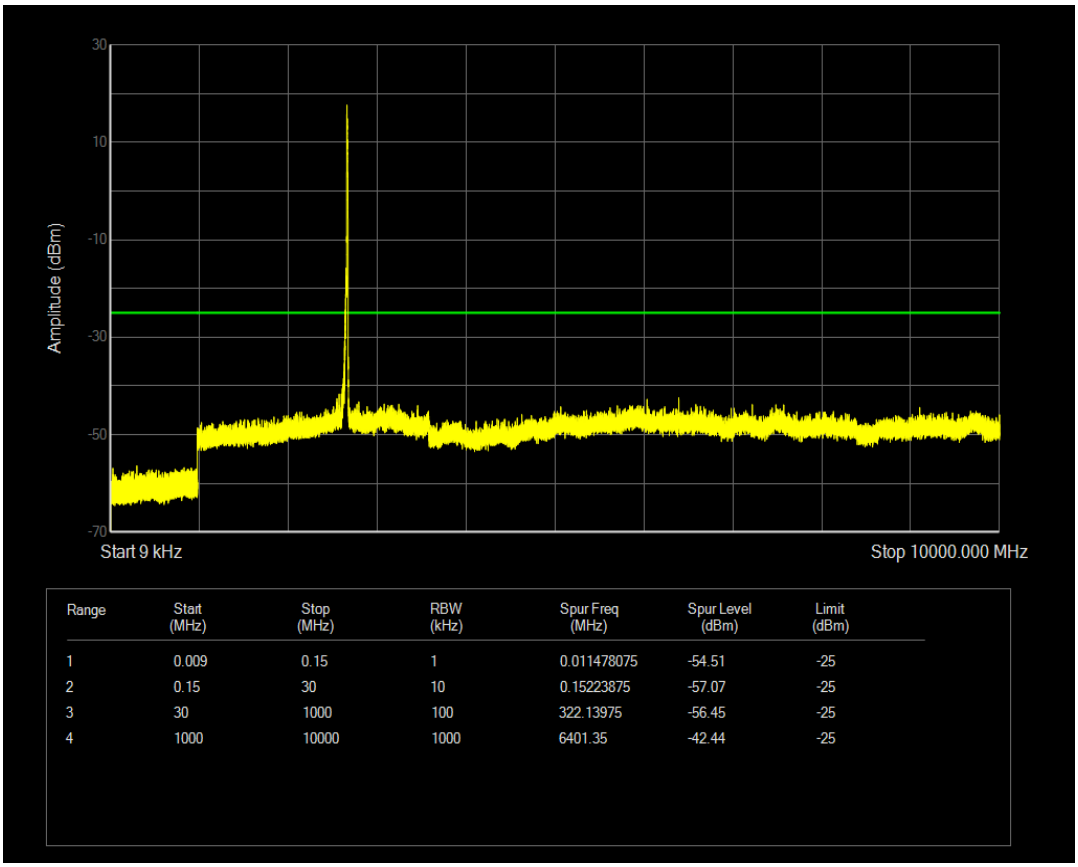
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01277175	-55.27	-25
2	0.15	30	10	0.152985	-56.42	-25
3	30	1000	100	918.05925	-56.68	-25
4	1000	10000	1000	2912.5	-42.65	-25

Band41 QAM16 BW=15MHz Channel=39725 RB Size=75 Position=#0



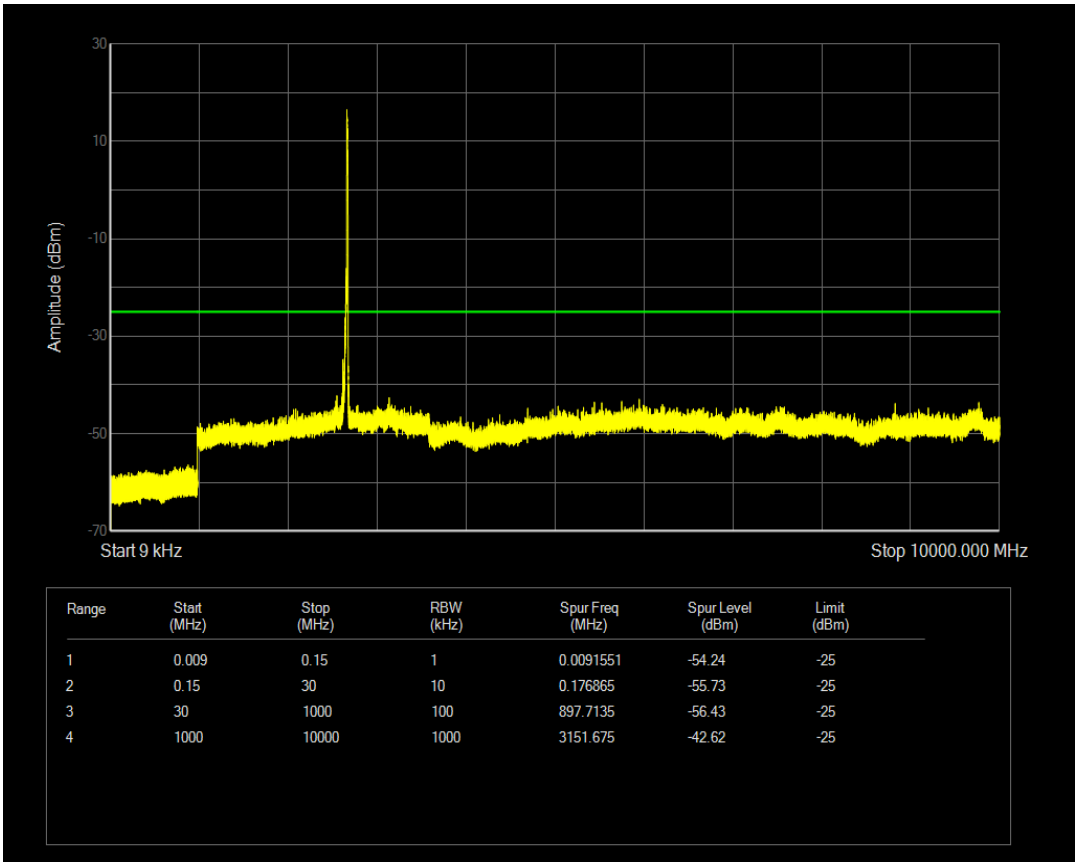
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009398325	-54.02	-25
2	0.15	30	10	0.17164125	-56.45	-25
3	30	1000	100	918.6655	-56.05	-25
4	1000	10000	1000	5914	-43.04	-25

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



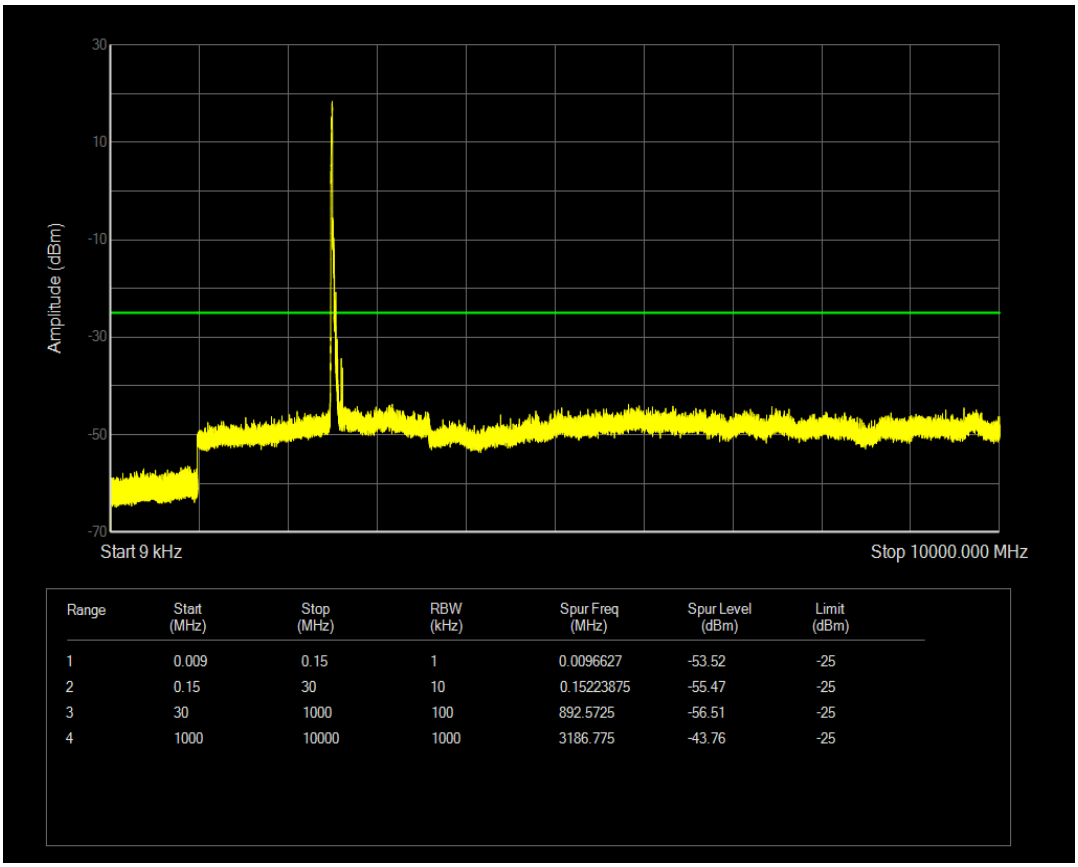
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011478075	-54.51	-25
2	0.15	30	10	0.15223875	-57.07	-25
3	30	1000	100	322.13975	-56.45	-25
4	1000	10000	1000	6401.35	-42.44	-25

Band41 QAM16 BW=15MHz Channel=41515 RB Size=75 Position=#0



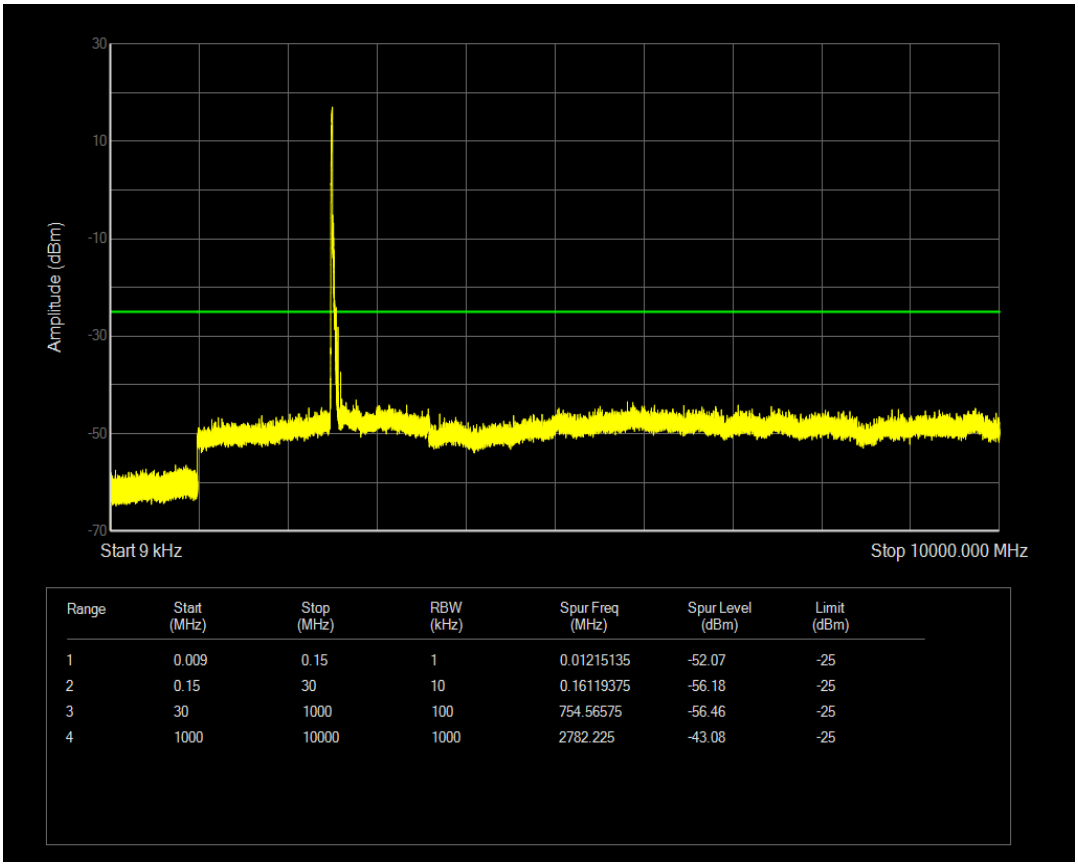
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-54.24	-25
2	0.15	30	10	0.176865	-55.73	-25
3	30	1000	100	897.7135	-56.43	-25
4	1000	10000	1000	3151.675	-42.62	-25

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



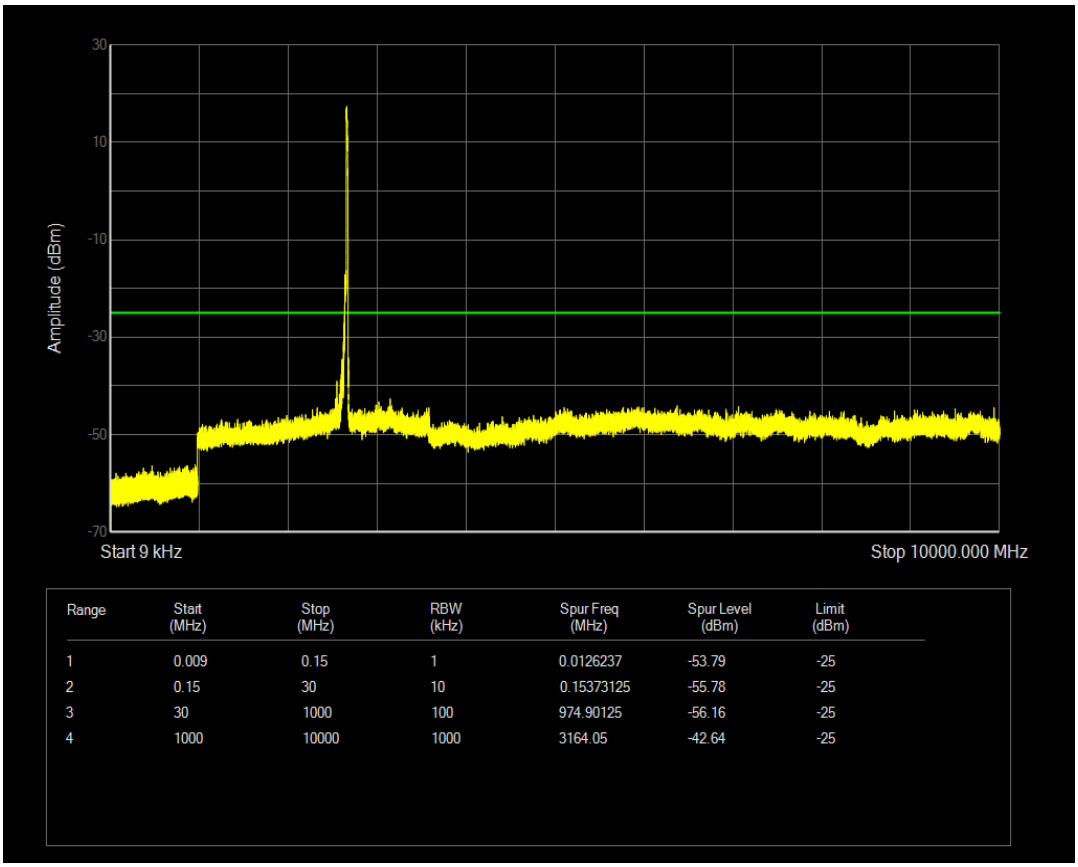
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096627	-53.52	-25
2	0.15	30	10	0.15223875	-55.47	-25
3	30	1000	100	892.5725	-56.51	-25
4	1000	10000	1000	3186.775	-43.76	-25

Band41 QAM16 BW=20MHz Channel=39750 RB Size=100 Position=#0



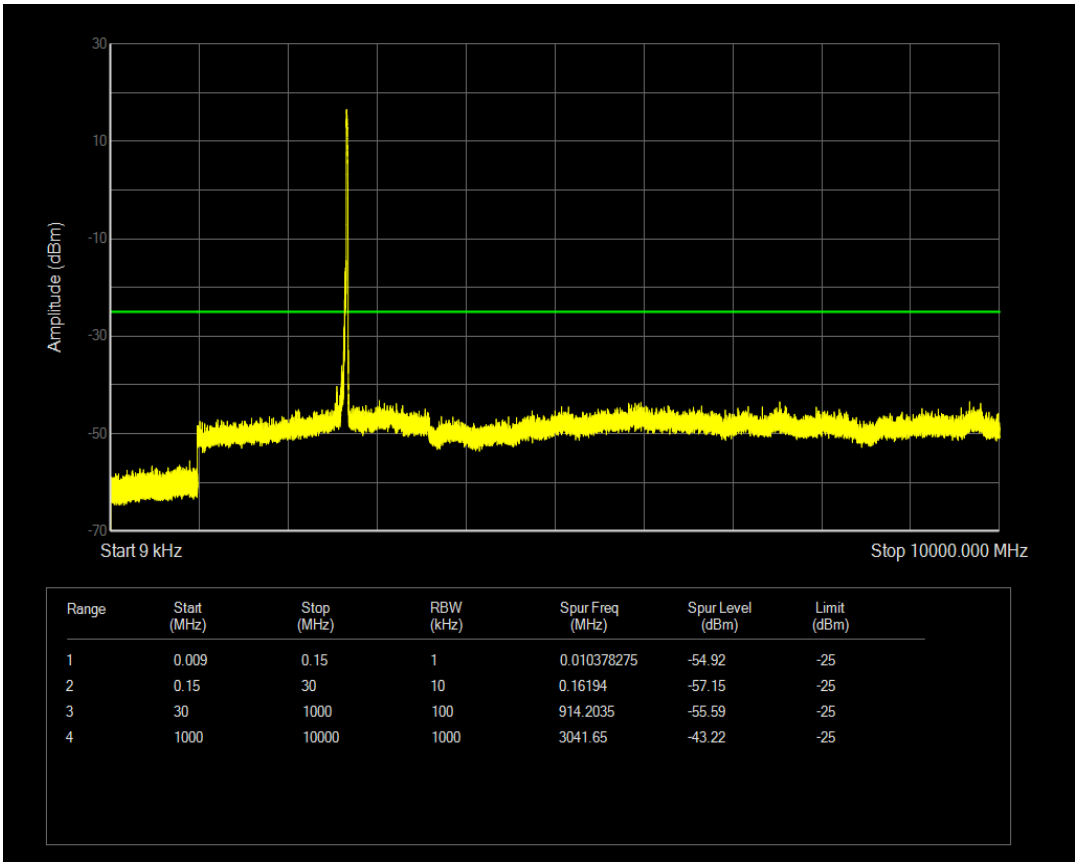
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01215135	-52.07	-25
2	0.15	30	10	0.16119375	-56.18	-25
3	30	1000	100	754.56575	-56.46	-25
4	1000	10000	1000	2782.225	-43.08	-25

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



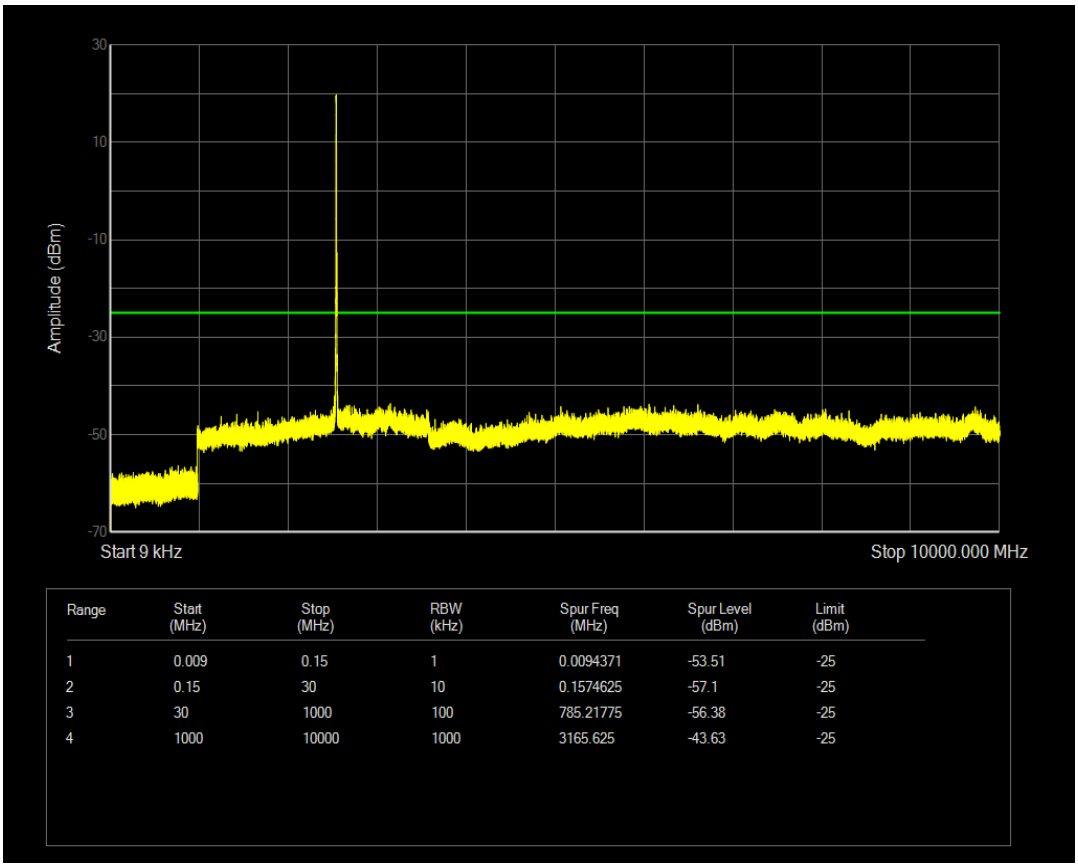
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0126237	-53.79	-25
2	0.15	30	10	0.15373125	-55.78	-25
3	30	1000	100	974.90125	-56.16	-25
4	1000	10000	1000	3164.05	-42.64	-25

Band41 QAM16 BW=20MHz Channel=41490 RB Size=100 Position=#0



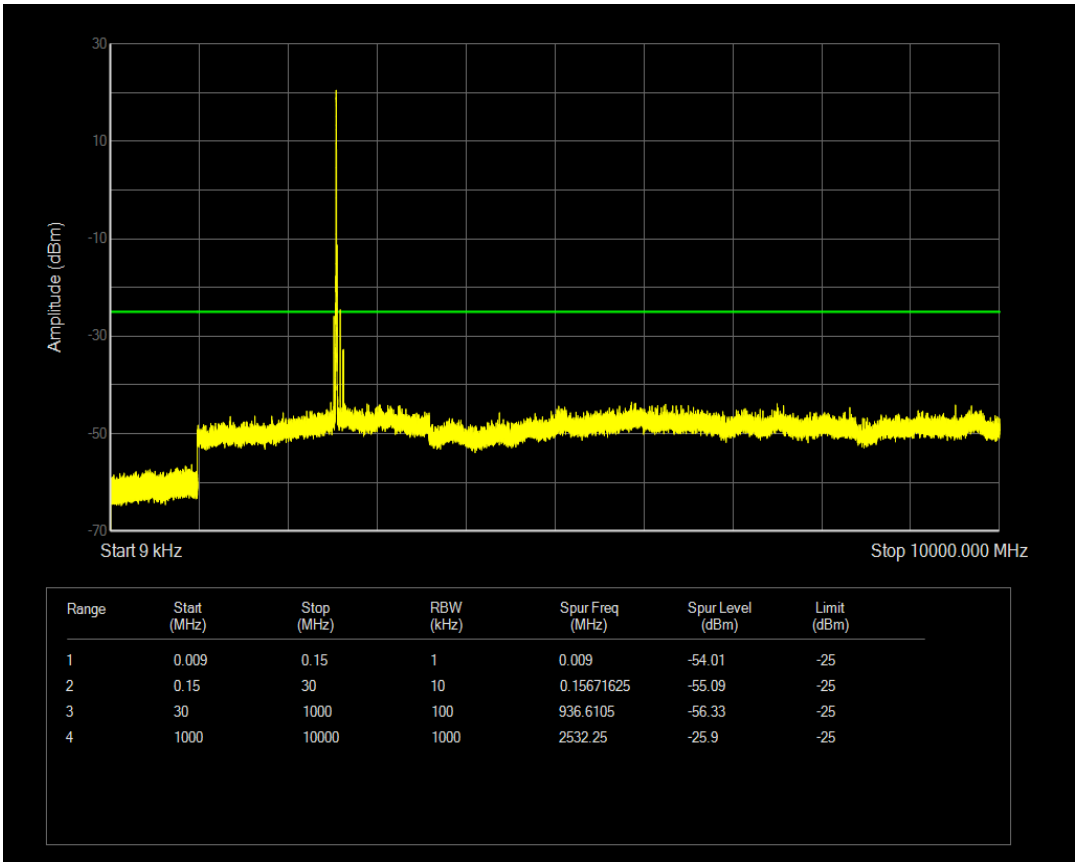
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010378275	-54.92	-25
2	0.15	30	10	0.16194	-57.15	-25
3	30	1000	100	914.2035	-55.59	-25
4	1000	10000	1000	3041.65	-43.22	-25

Band41a QPSK BW=5MHz Channel=40265 RB Size=25 Position=#0



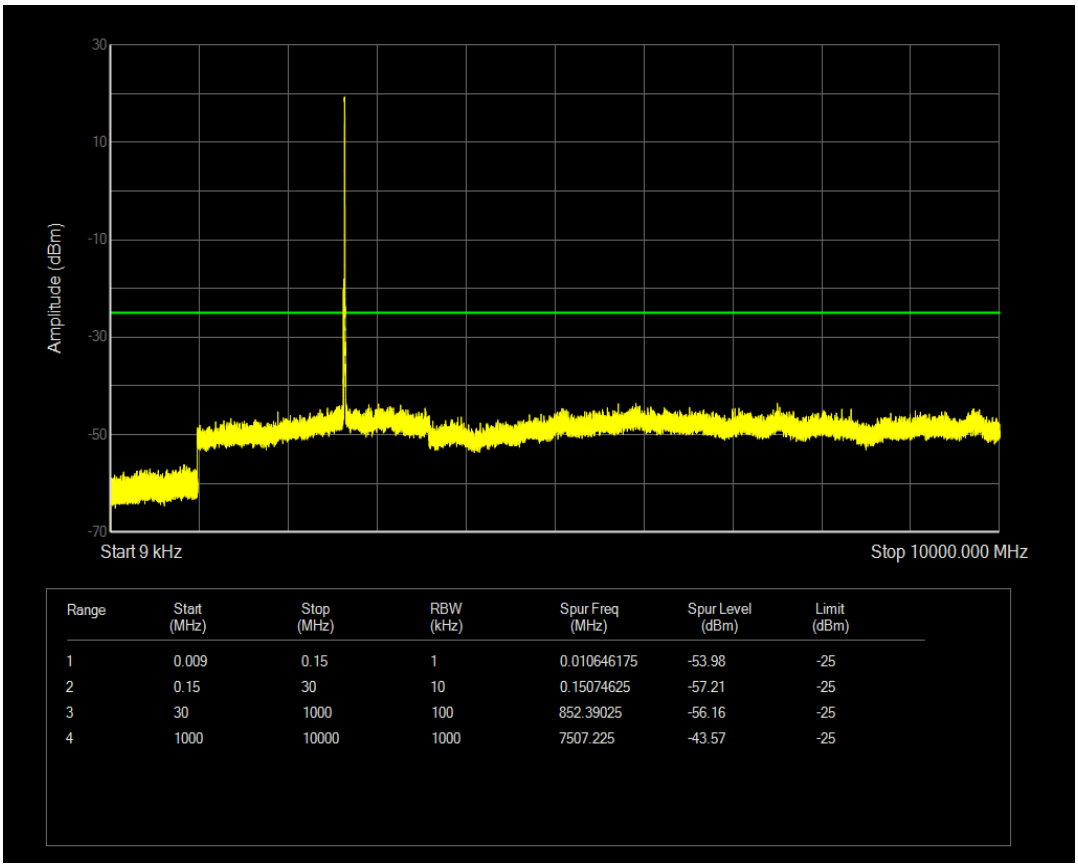
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-53.51	-25
2	0.15	30	10	0.1574625	-57.1	-25
3	30	1000	100	785.21775	-56.38	-25
4	1000	10000	1000	3165.625	-43.63	-25

Band41a QAM16 BW=5MHz Channel=40265 RB Size=25 Position=#0



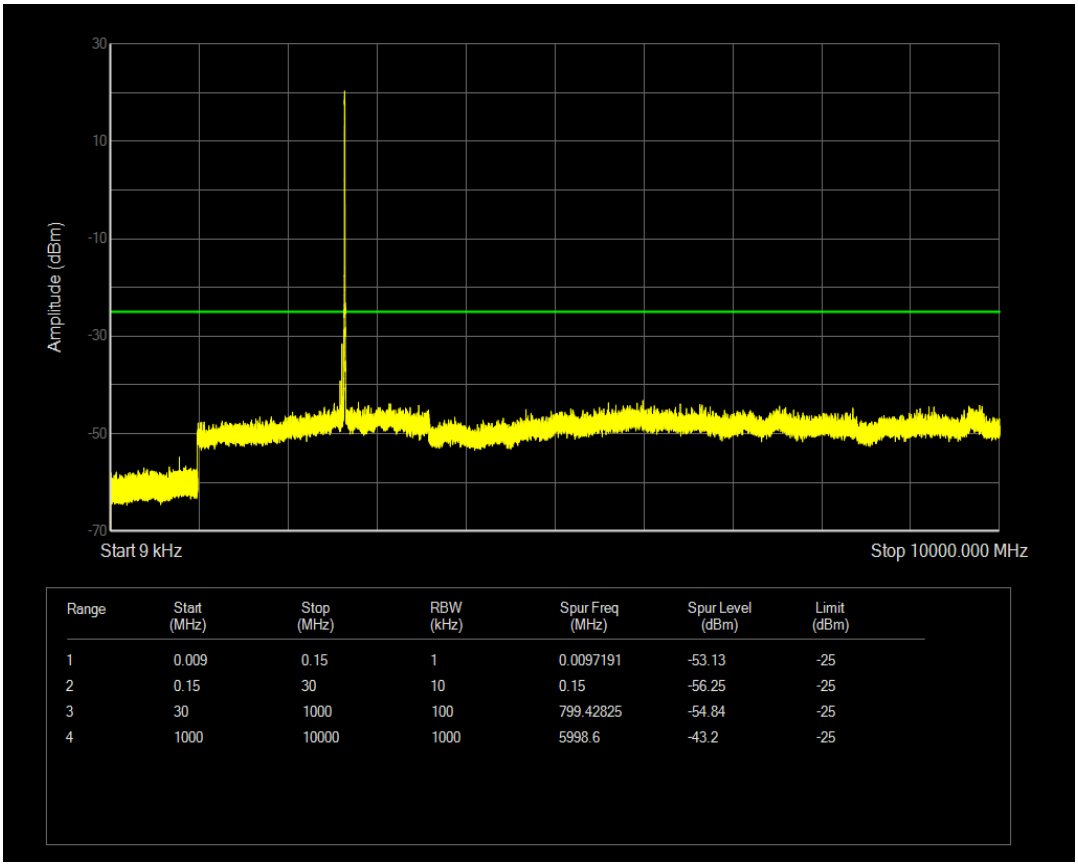
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.01	-25
2	0.15	30	10	0.15671625	-55.09	-25
3	30	1000	100	936.6105	-56.33	-25
4	1000	10000	1000	2532.25	-25.9	-25

Band41a QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



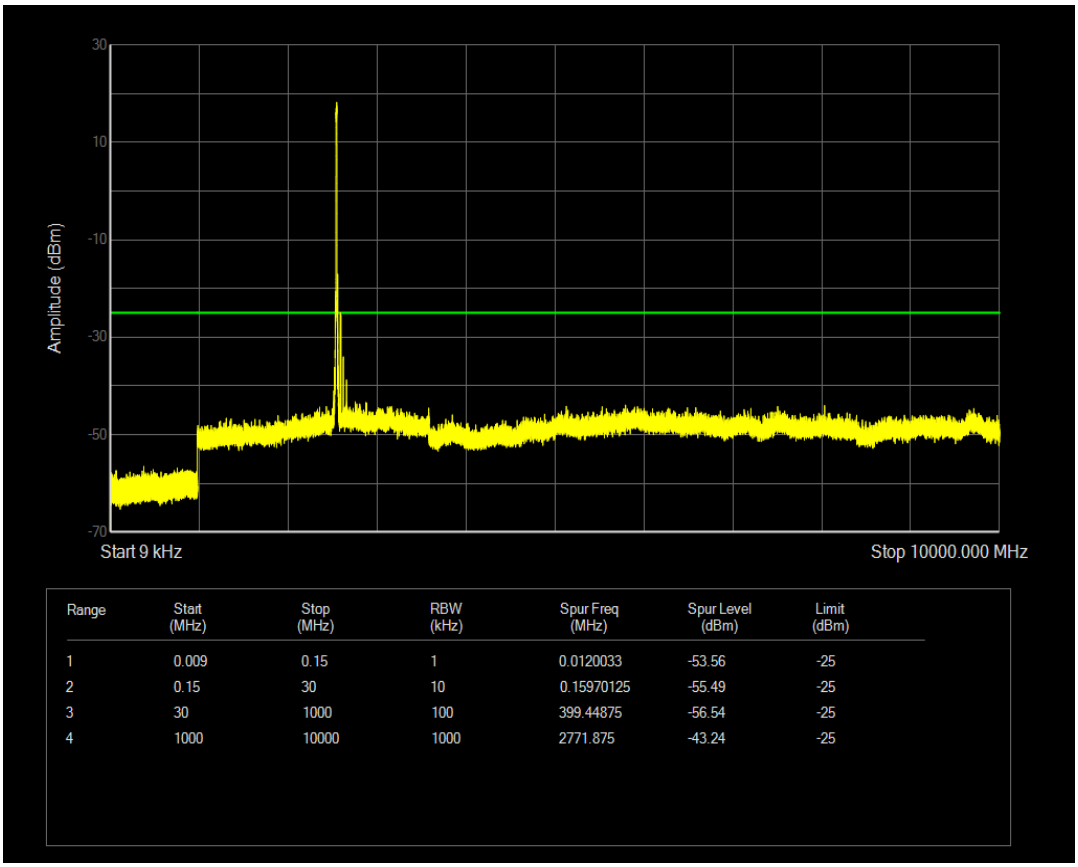
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010646175	-53.98	-25
2	0.15	30	10	0.15074625	-57.21	-25
3	30	1000	100	852.39025	-56.16	-25
4	1000	10000	1000	7507.225	-43.57	-25

Band41a QAM16 BW=5MHz Channel=41215 RB Size=25 Position=#0



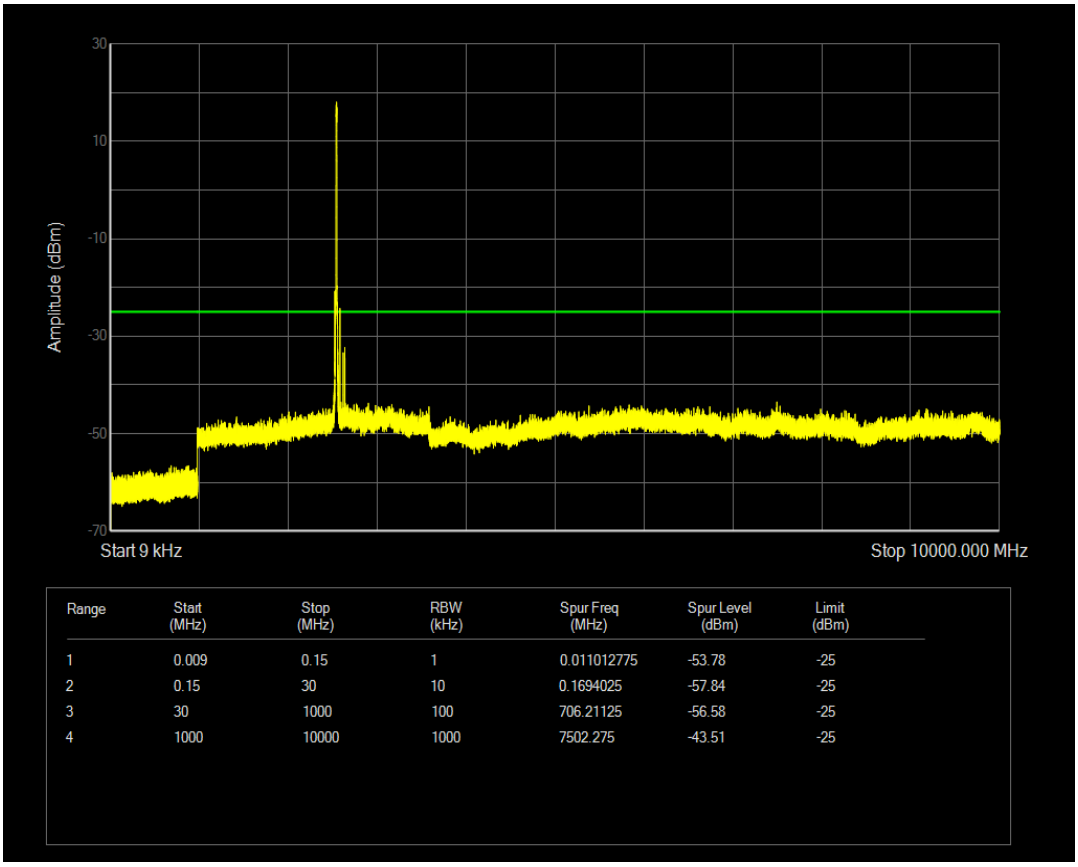
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097191	-53.13	-25
2	0.15	30	10	0.15	-56.25	-25
3	30	1000	100	799.42825	-54.84	-25
4	1000	10000	1000	5998.6	-43.2	-25

Band41a QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0



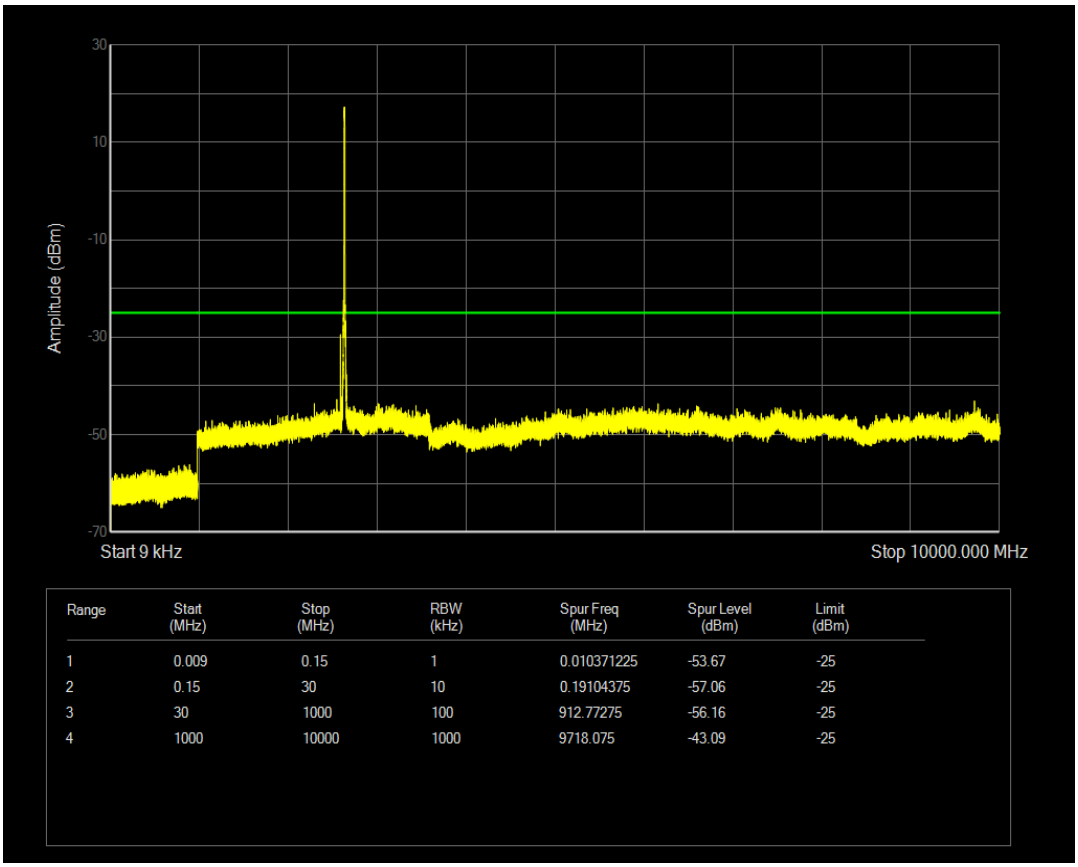
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0120033	-53.56	-25
2	0.15	30	10	0.15970125	-55.49	-25
3	30	1000	100	399.44875	-56.54	-25
4	1000	10000	1000	2771.875	-43.24	-25

Band41a QAM16 BW=10MHz Channel=40290 RB Size=50 Position=#0



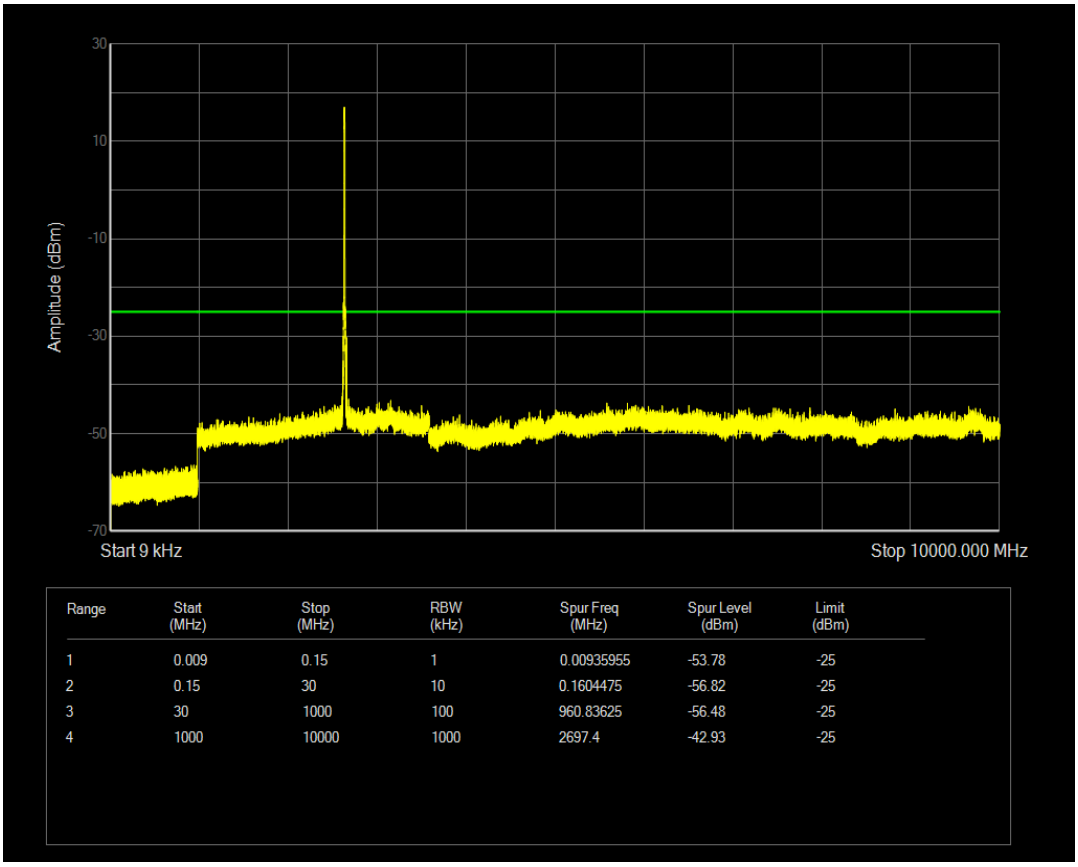
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011012775	-53.78	-25
2	0.15	30	10	0.1694025	-57.84	-25
3	30	1000	100	706.21125	-56.58	-25
4	1000	10000	1000	7502.275	-43.51	-25

Band41a QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



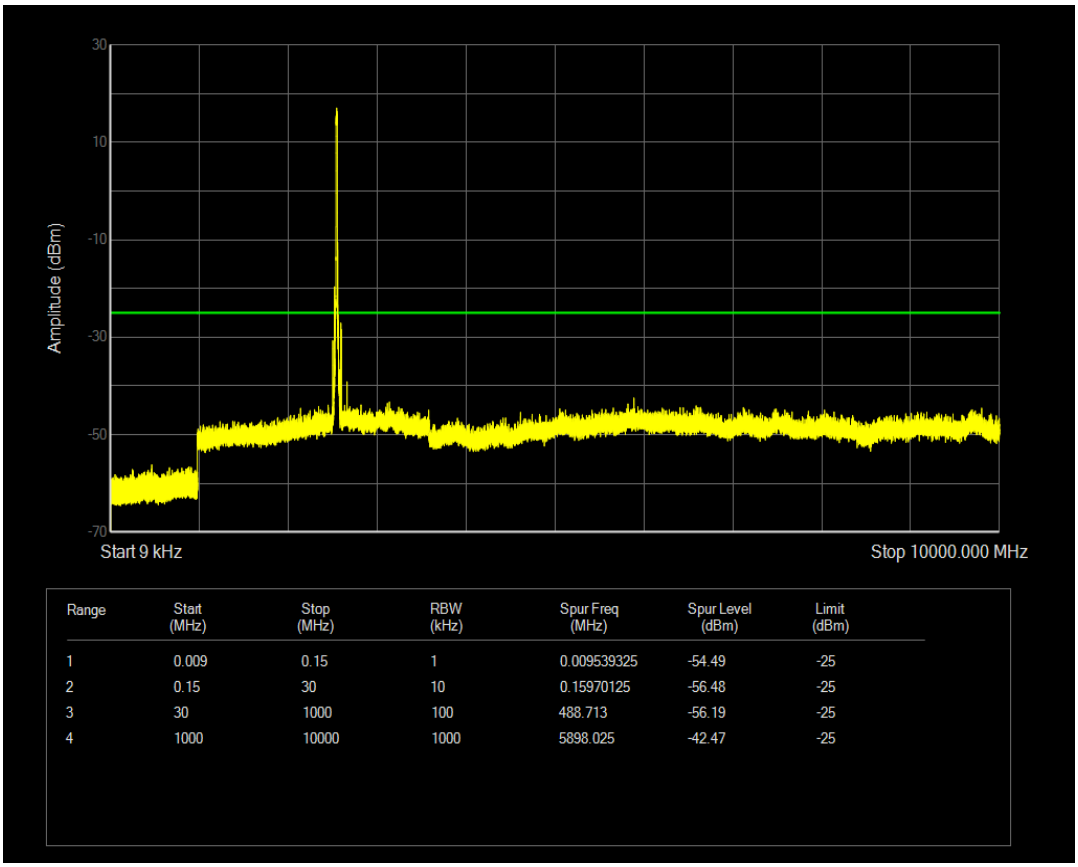
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010371225	-53.67	-25
2	0.15	30	10	0.19104375	-57.06	-25
3	30	1000	100	912.77275	-56.16	-25
4	1000	10000	1000	9718.075	-43.09	-25

Band41a QAM16 BW=10MHz Channel=41190 RB Size=50 Position=#0



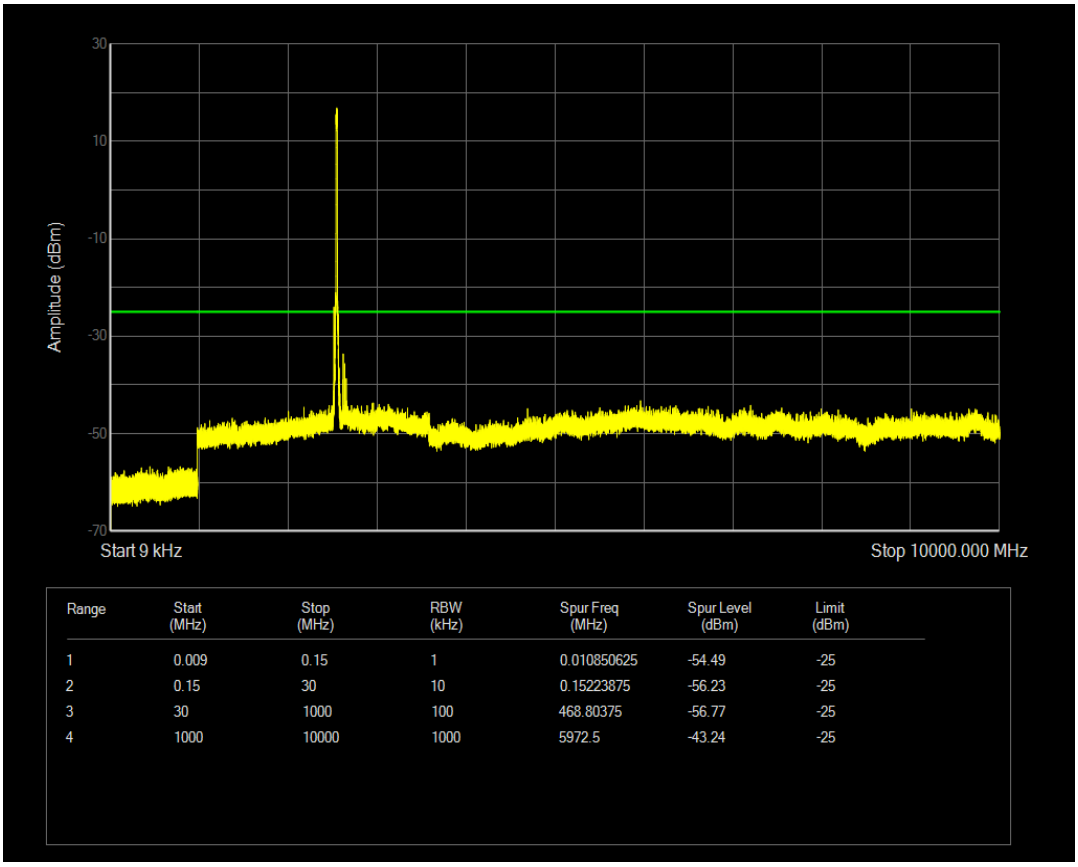
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00935955	-53.78	-25
2	0.15	30	10	0.1604475	-56.82	-25
3	30	1000	100	960.83625	-56.48	-25
4	1000	10000	1000	2697.4	-42.93	-25

Band41a QPSK BW=15MHz Channel=40315 RB Size=75 Position=#0



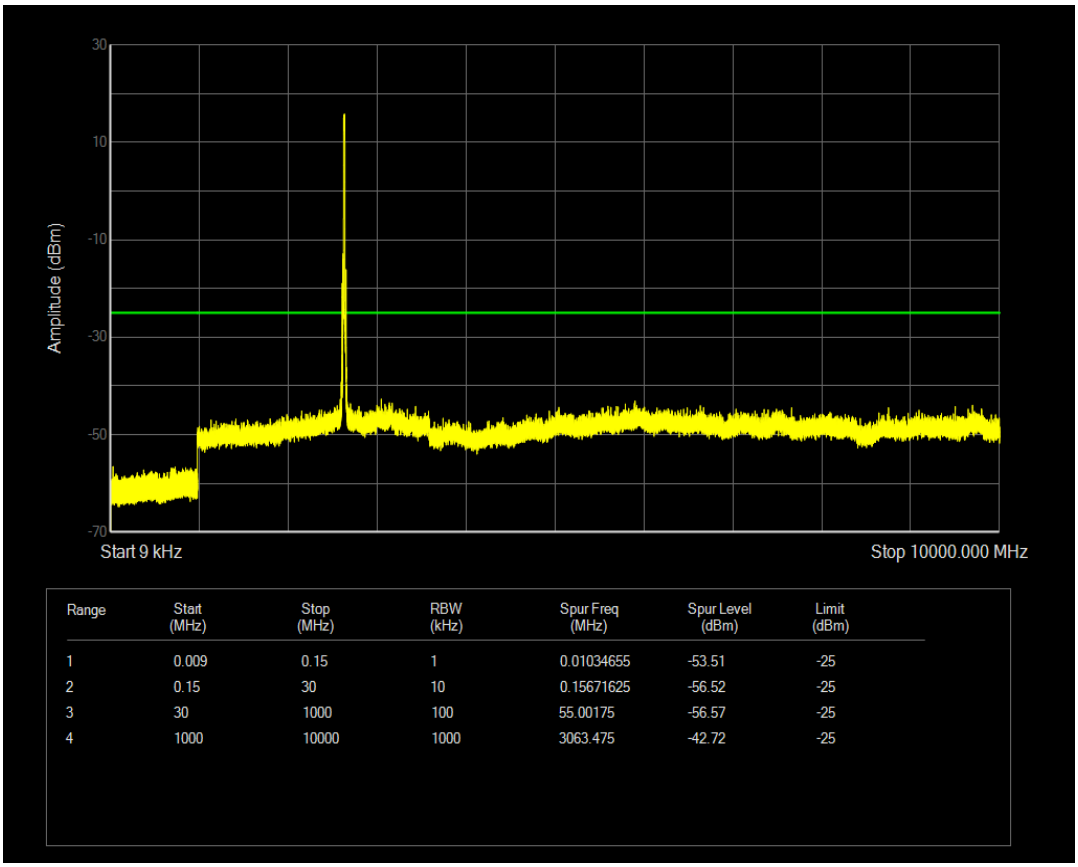
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009539325	-54.49	-25
2	0.15	30	10	0.15970125	-56.48	-25
3	30	1000	100	488.713	-56.19	-25
4	1000	10000	1000	5898.025	-42.47	-25

Band41a QAM16 BW=15MHz Channel=40315 RB Size=75 Position=#0



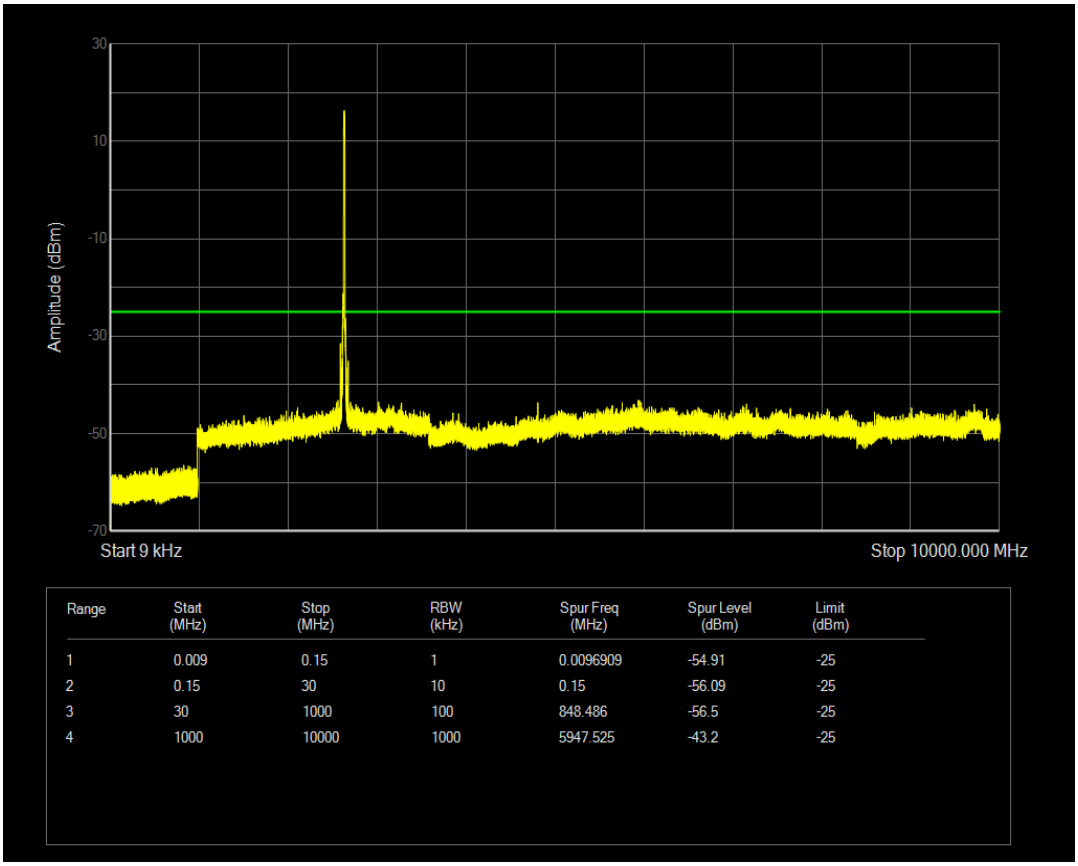
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010850625	-54.49	-25
2	0.15	30	10	0.15223875	-56.23	-25
3	30	1000	100	468.80375	-56.77	-25
4	1000	10000	1000	5972.5	-43.24	-25

Band41a QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



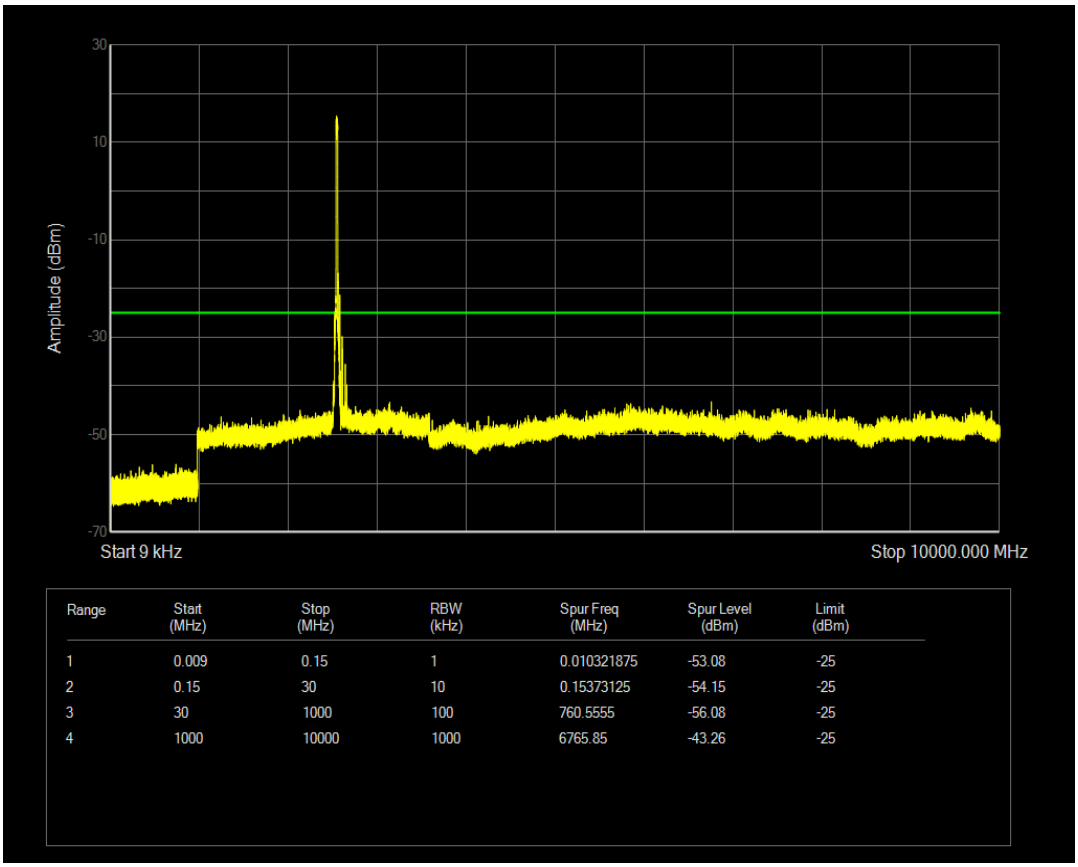
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01034655	-53.51	-25
2	0.15	30	10	0.15671625	-56.52	-25
3	30	1000	100	55.00175	-56.57	-25
4	1000	10000	1000	3063.475	-42.72	-25

Band41a QAM16 BW=15MHz Channel=41165 RB Size=75 Position=#0



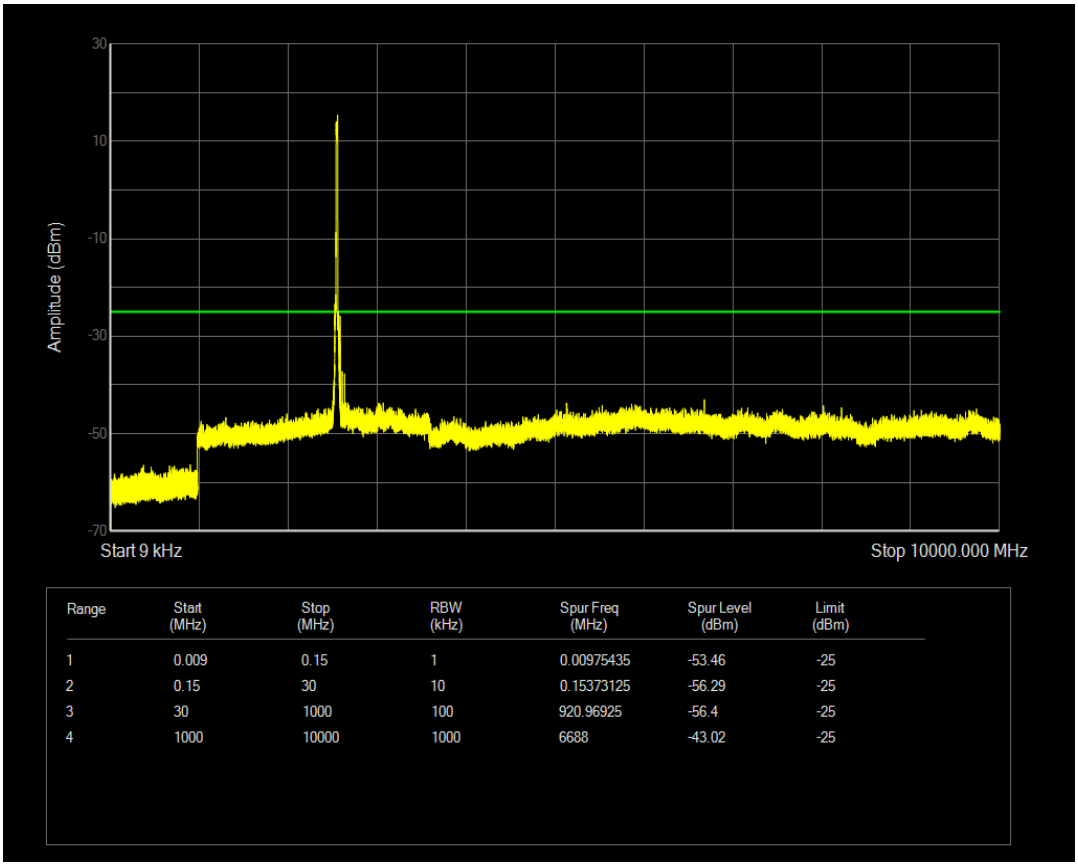
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096909	-54.91	-25
2	0.15	30	10	0.15	-56.09	-25
3	30	1000	100	848.486	-56.5	-25
4	1000	10000	1000	5947.525	-43.2	-25

Band41a QPSK BW=20MHz Channel=40340 RB Size=100 Position=#0



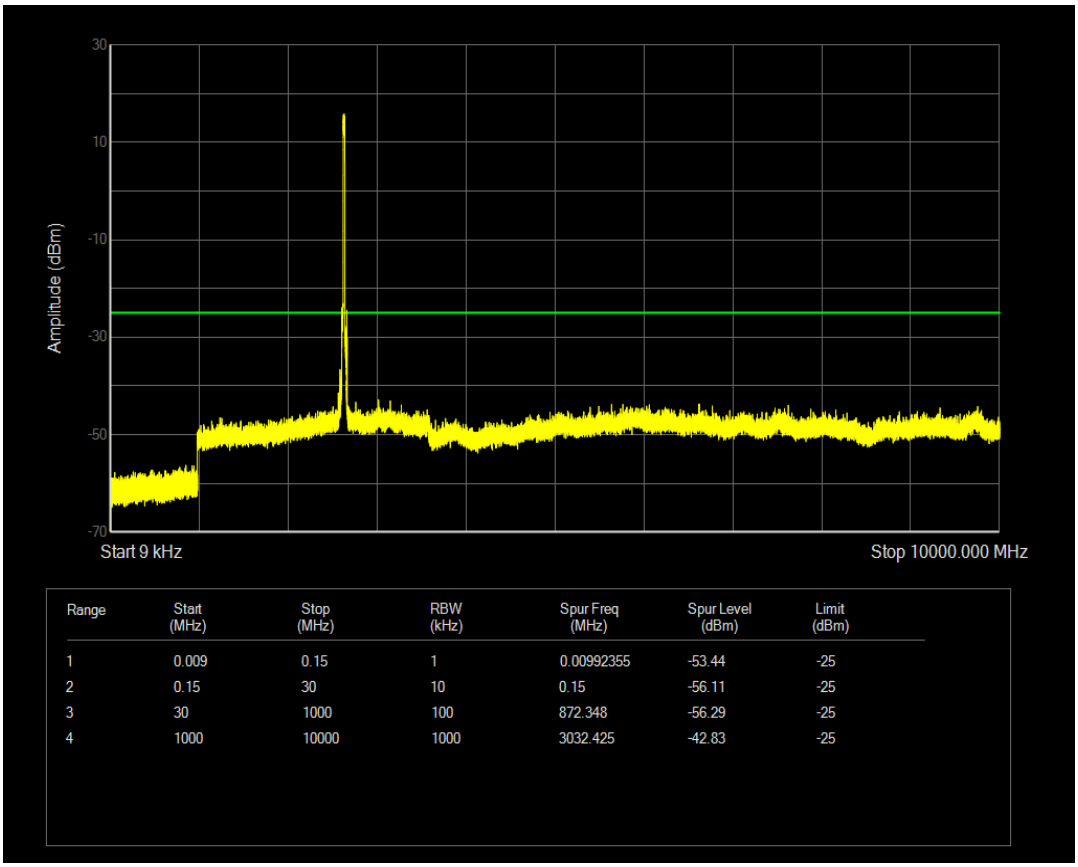
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010321875	-53.08	-25
2	0.15	30	10	0.15373125	-54.15	-25
3	30	1000	100	760.5555	-56.08	-25
4	1000	10000	1000	6765.85	-43.26	-25

Band41a QAM16 BW=20MHz Channel=40340 RB Size=100 Position=#0



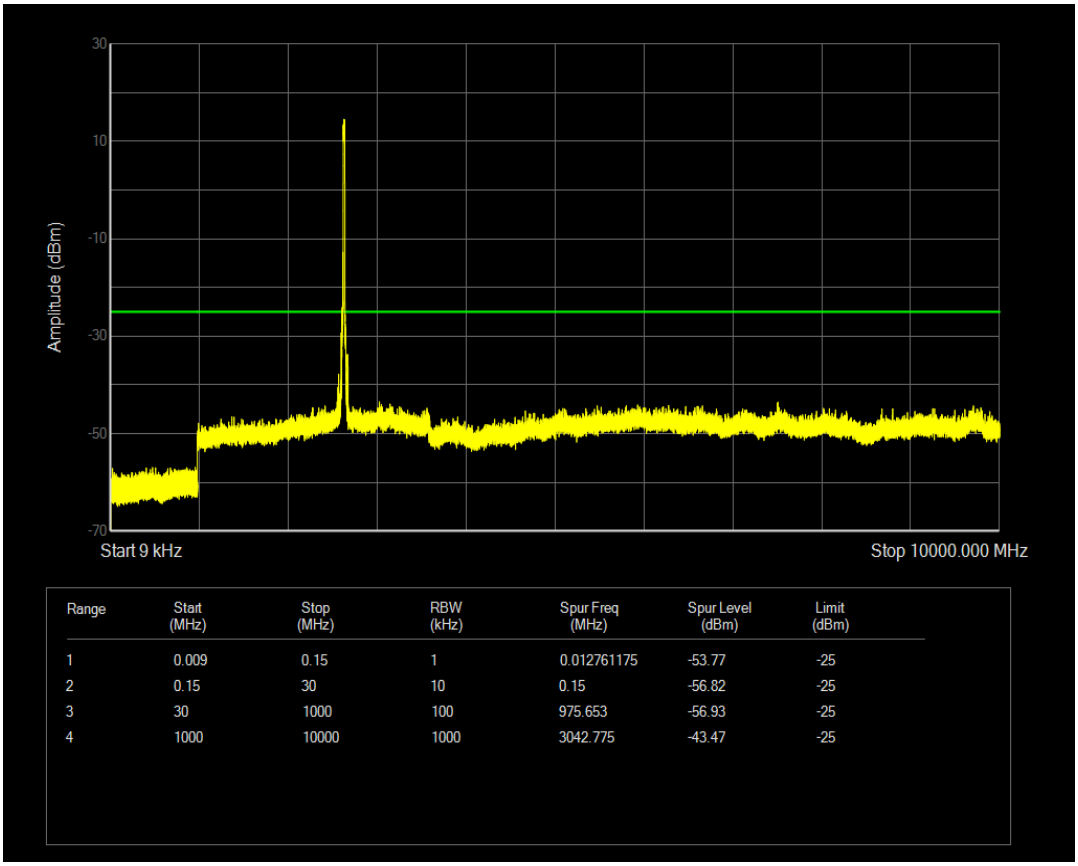
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00975435	-53.46	-25
2	0.15	30	10	0.15373125	-56.29	-25
3	30	1000	100	920.96925	-56.4	-25
4	1000	10000	1000	6688	-43.02	-25

Band41a QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



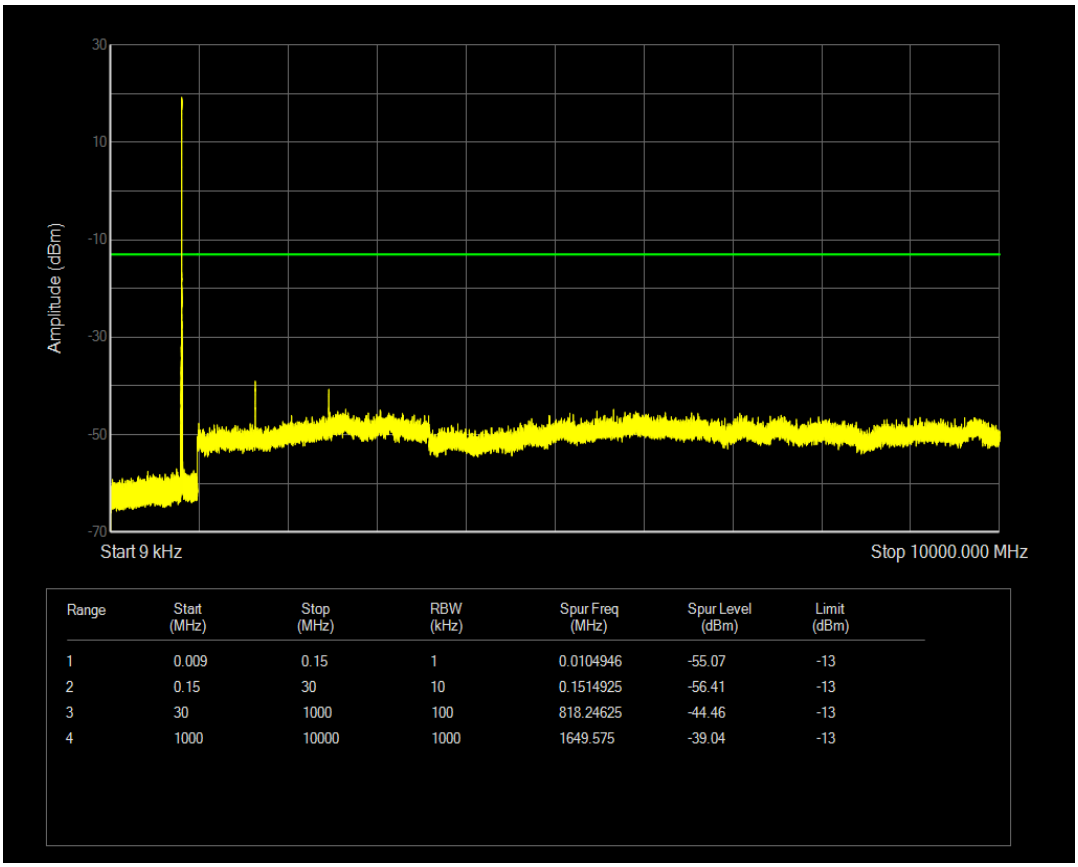
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00992355	-53.44	-25
2	0.15	30	10	0.15	-56.11	-25
3	30	1000	100	872.348	-56.29	-25
4	1000	10000	1000	3032.425	-42.83	-25

Band41a QAM16 BW=20MHz Channel=41140 RB Size=100 Position=#0



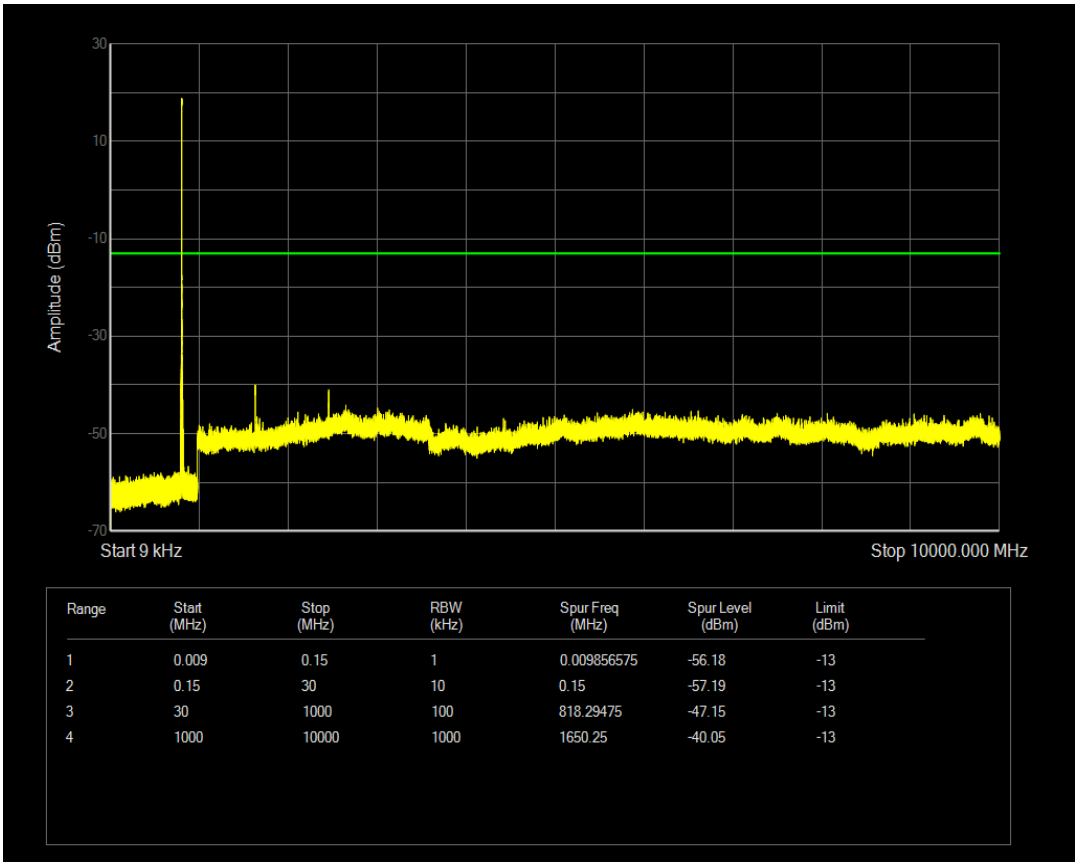
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012761175	-53.77	-25
2	0.15	30	10	0.15	-56.82	-25
3	30	1000	100	975.653	-56.93	-25
4	1000	10000	1000	3042.775	-43.47	-25

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



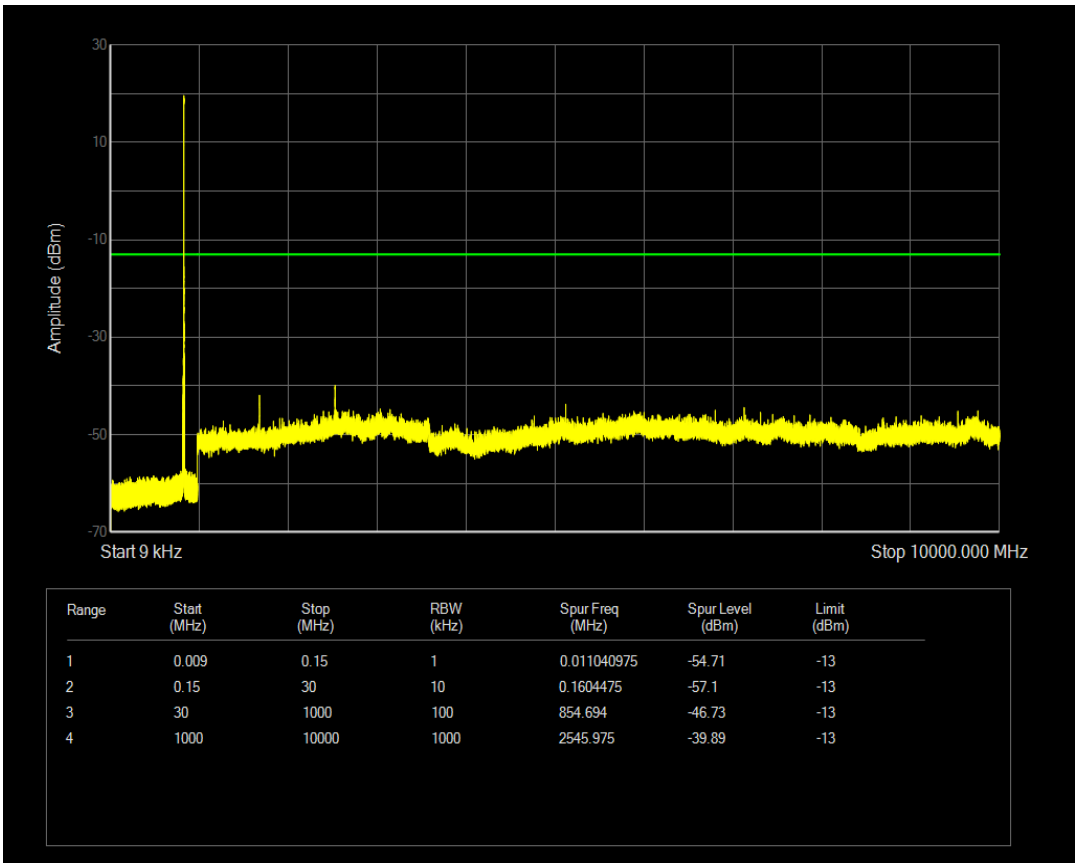
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104946	-55.07	-13
2	0.15	30	10	0.1514925	-56.41	-13
3	30	1000	100	818.24625	-44.46	-13
4	1000	10000	1000	1649.575	-39.04	-13

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



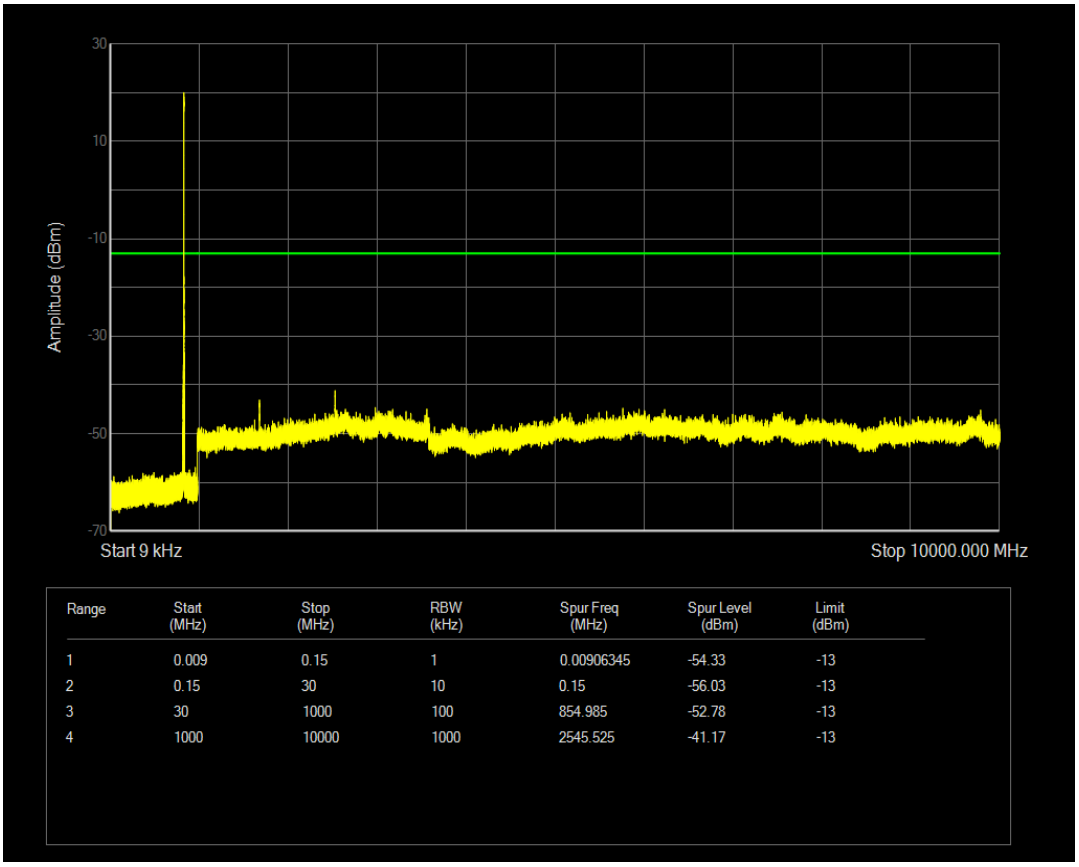
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009856575	-56.18	-13
2	0.15	30	10	0.15	-57.19	-13
3	30	1000	100	818.29475	-47.15	-13
4	1000	10000	1000	1650.25	-40.05	-13

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



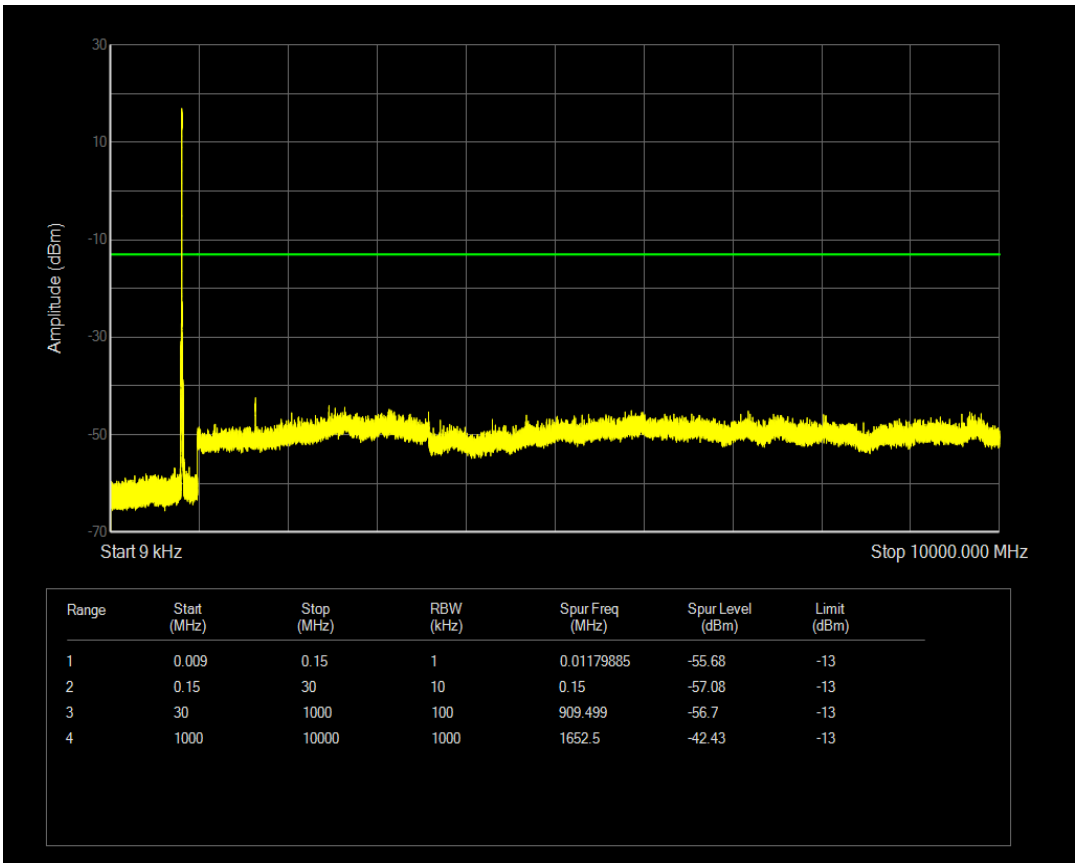
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011040975	-54.71	-13
2	0.15	30	10	0.1604475	-57.1	-13
3	30	1000	100	854.694	-46.73	-13
4	1000	10000	1000	2545.975	-39.89	-13

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



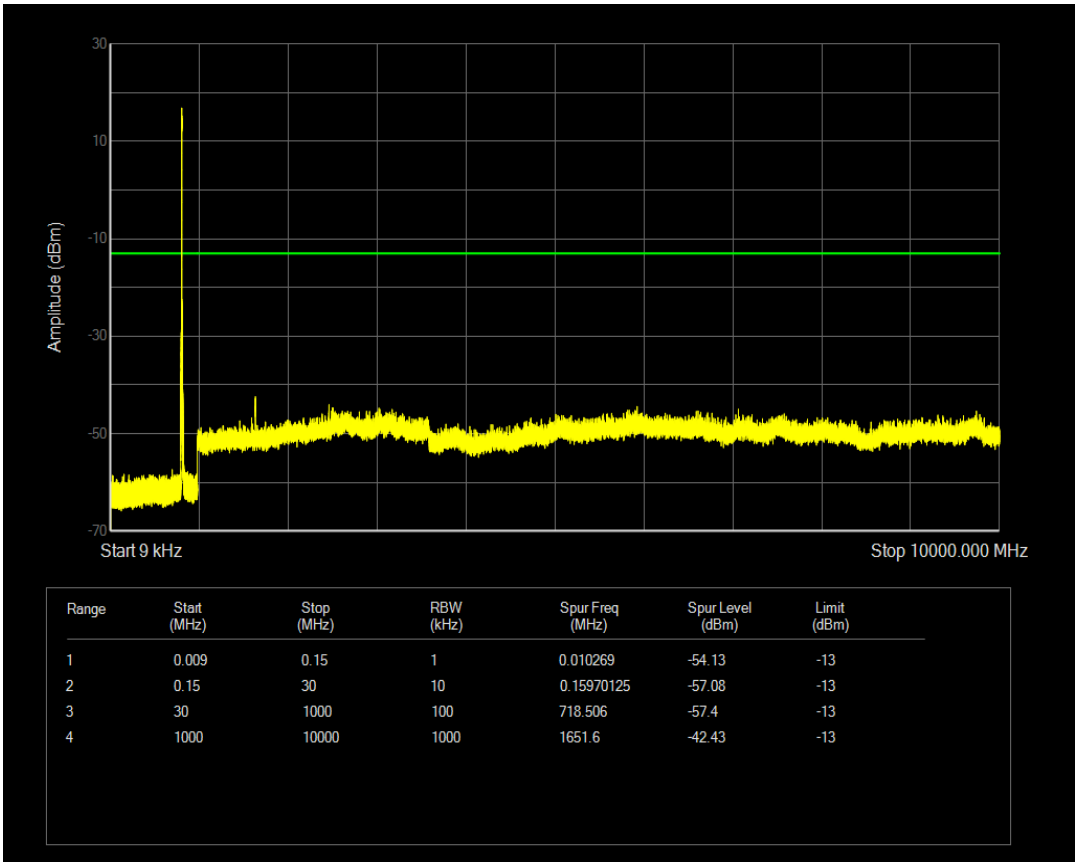
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00906345	-54.33	-13
2	0.15	30	10	0.15	-56.03	-13
3	30	1000	100	854.985	-52.78	-13
4	1000	10000	1000	2545.525	-41.17	-13

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



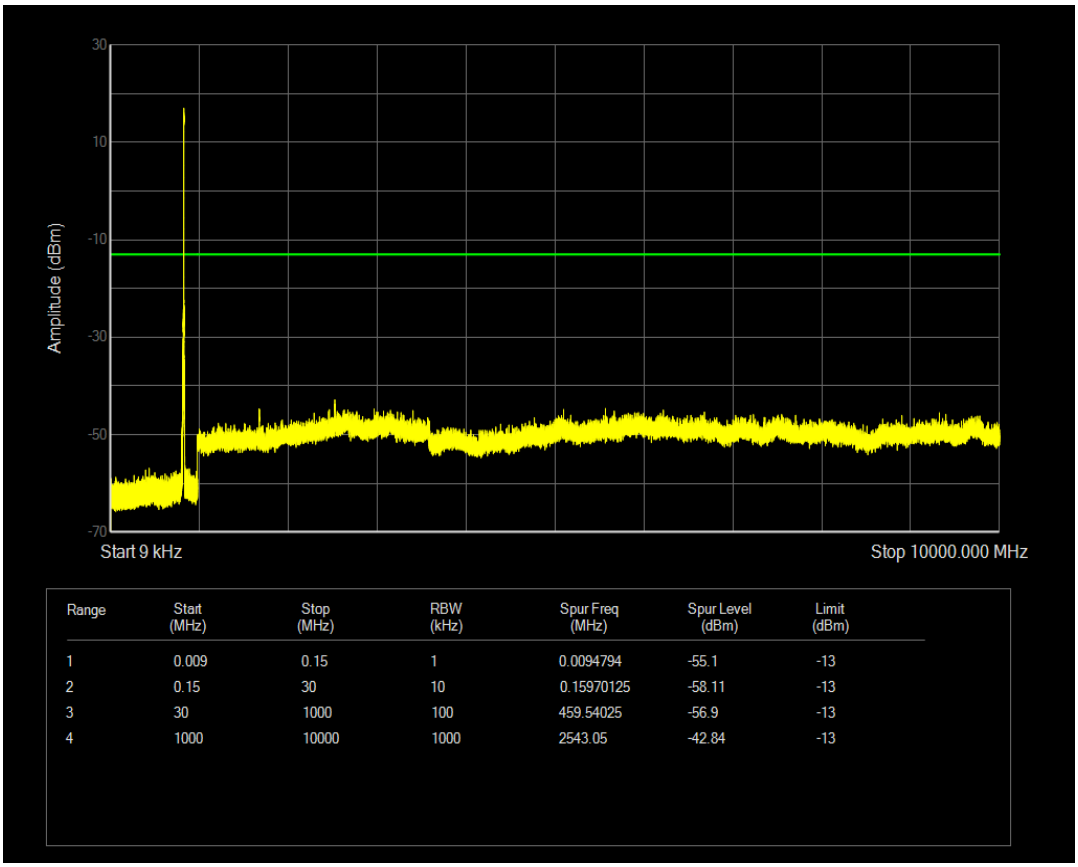
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01179885	-55.68	-13
2	0.15	30	10	0.15	-57.08	-13
3	30	1000	100	909.499	-56.7	-13
4	1000	10000	1000	1652.5	-42.43	-13

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



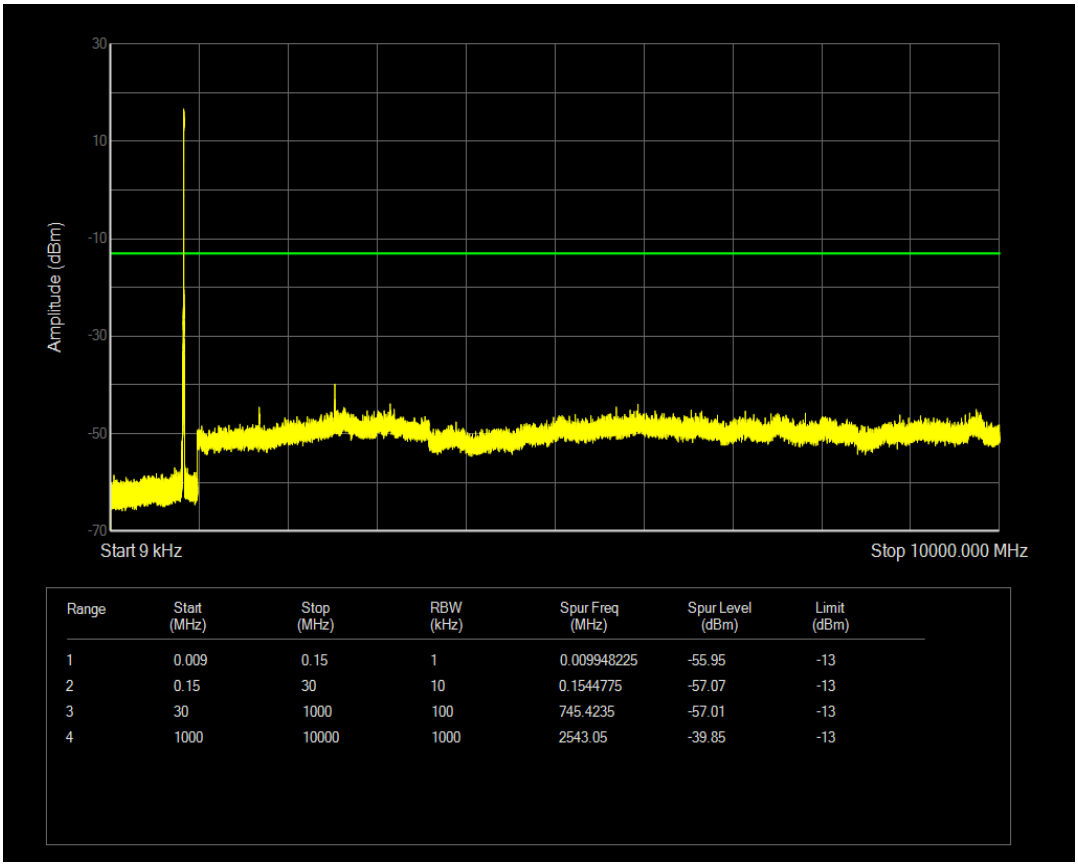
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010269	-54.13	-13
2	0.15	30	10	0.15970125	-57.08	-13
3	30	1000	100	718.506	-57.4	-13
4	1000	10000	1000	1651.6	-42.43	-13

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



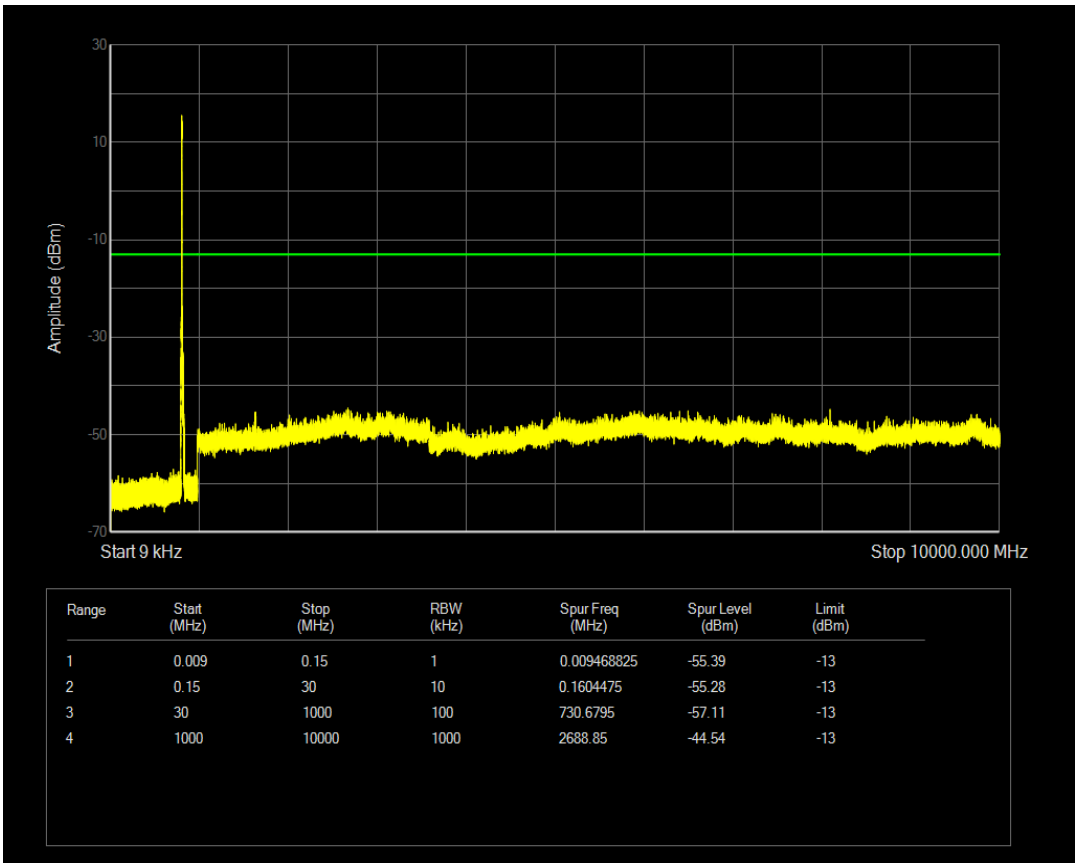
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094794	-55.1	-13
2	0.15	30	10	0.15970125	-58.11	-13
3	30	1000	100	459.54025	-56.9	-13
4	1000	10000	1000	2543.05	-42.84	-13

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



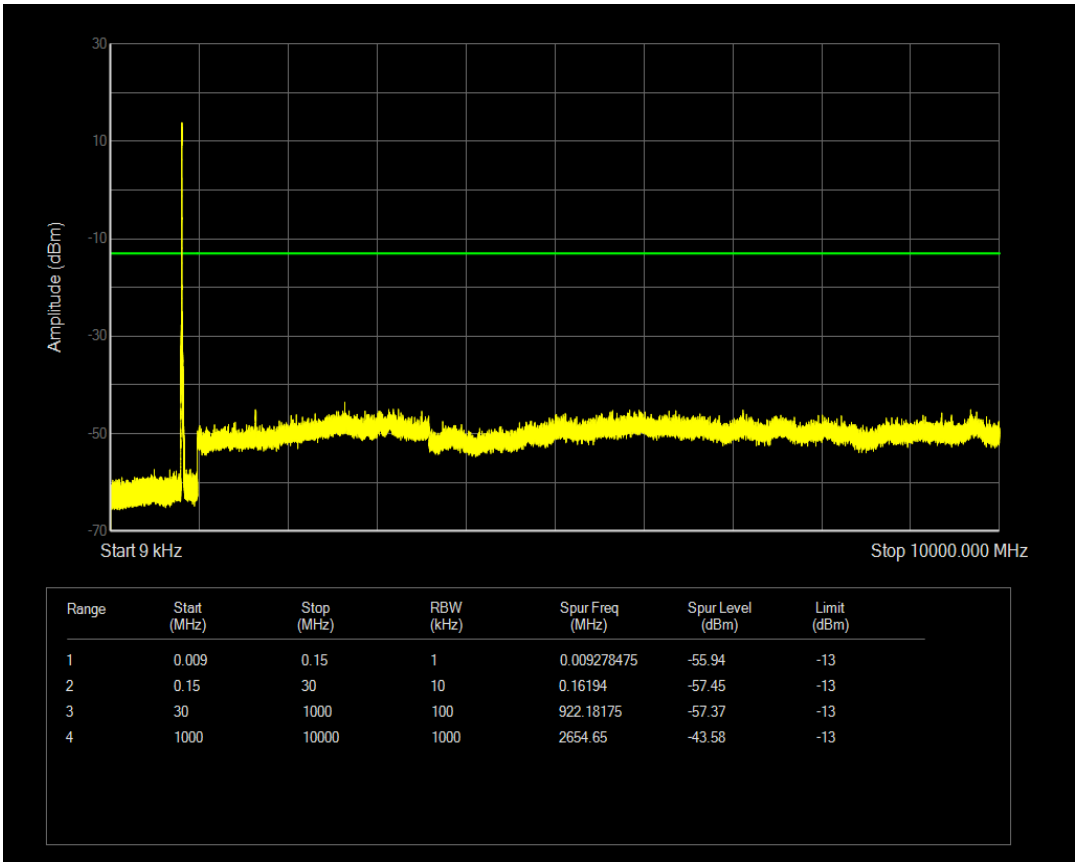
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009948225	-55.95	-13
2	0.15	30	10	0.1544775	-57.07	-13
3	30	1000	100	745.4235	-57.01	-13
4	1000	10000	1000	2543.05	-39.85	-13

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



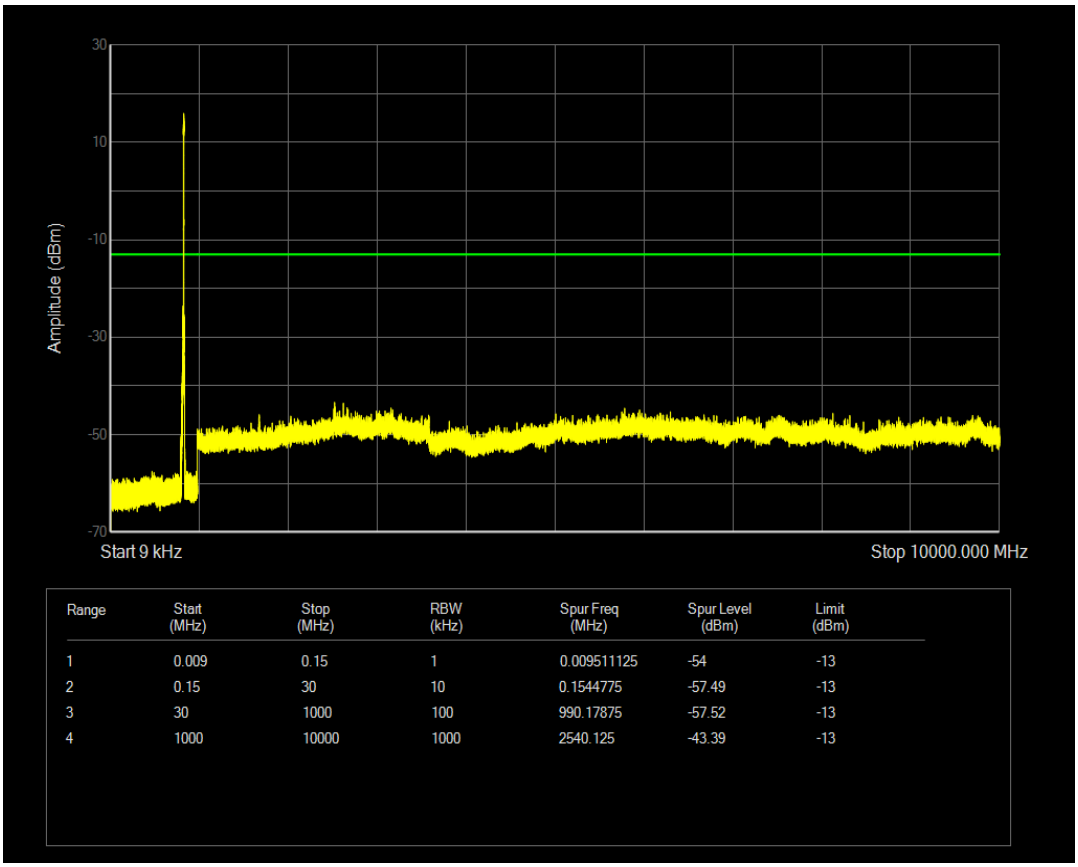
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009468825	-55.39	-13
2	0.15	30	10	0.1604475	-55.28	-13
3	30	1000	100	730.6795	-57.11	-13
4	1000	10000	1000	2688.85	-44.54	-13

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



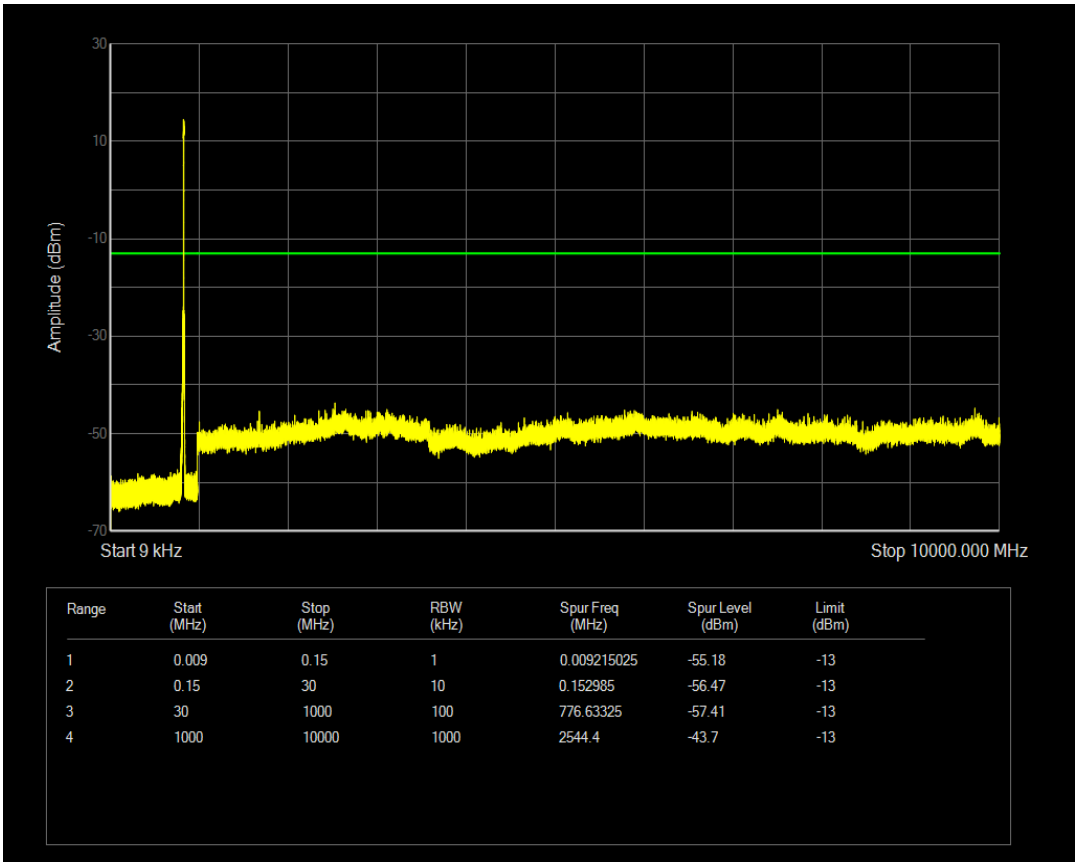
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009278475	-55.94	-13
2	0.15	30	10	0.16194	-57.45	-13
3	30	1000	100	922.18175	-57.37	-13
4	1000	10000	1000	2654.65	-43.58	-13

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



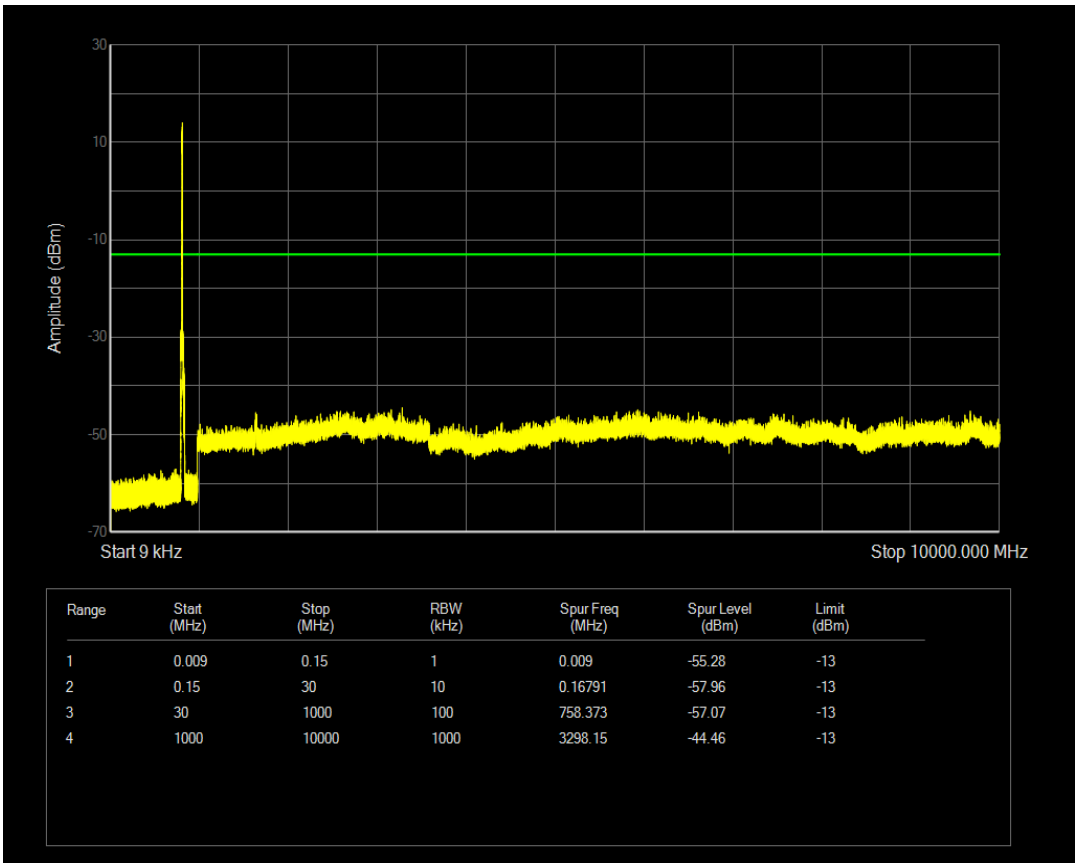
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009511125	-54	-13
2	0.15	30	10	0.1544775	-57.49	-13
3	30	1000	100	990.17875	-57.52	-13
4	1000	10000	1000	2540.125	-43.39	-13

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



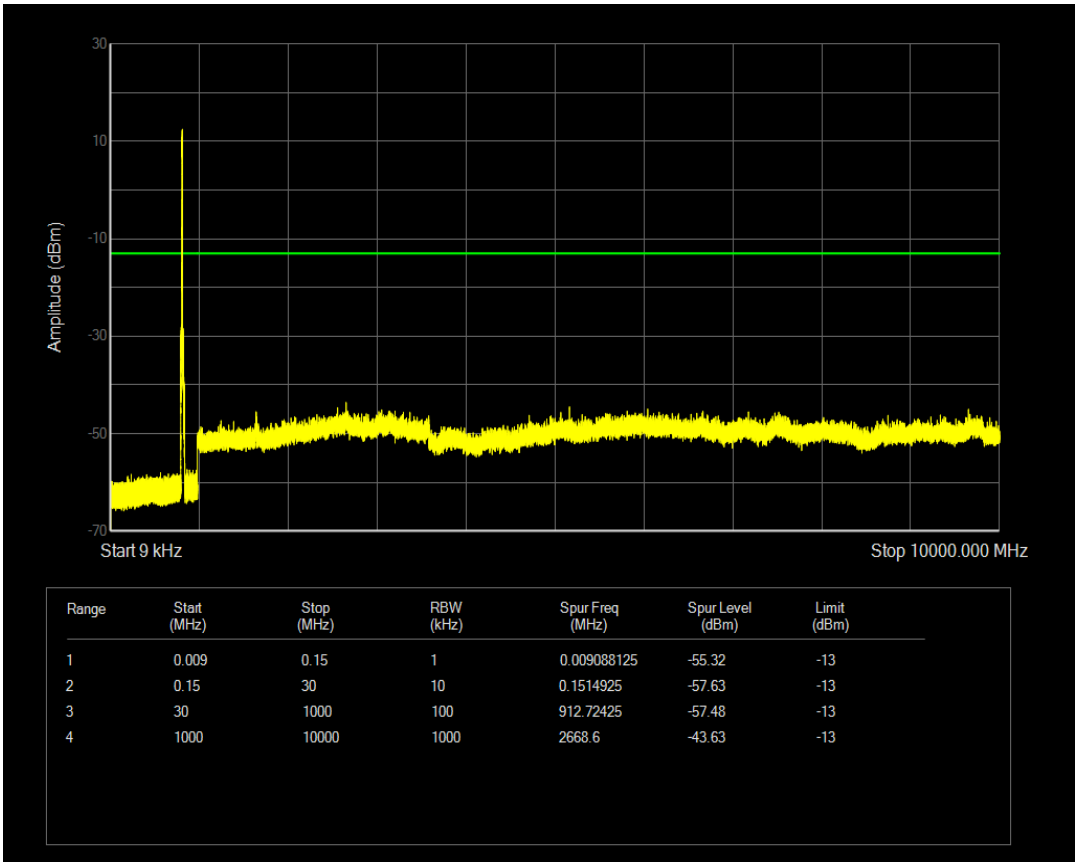
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009215025	-55.18	-13
2	0.15	30	10	0.152985	-56.47	-13
3	30	1000	100	776.63325	-57.41	-13
4	1000	10000	1000	2544.4	-43.7	-13

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



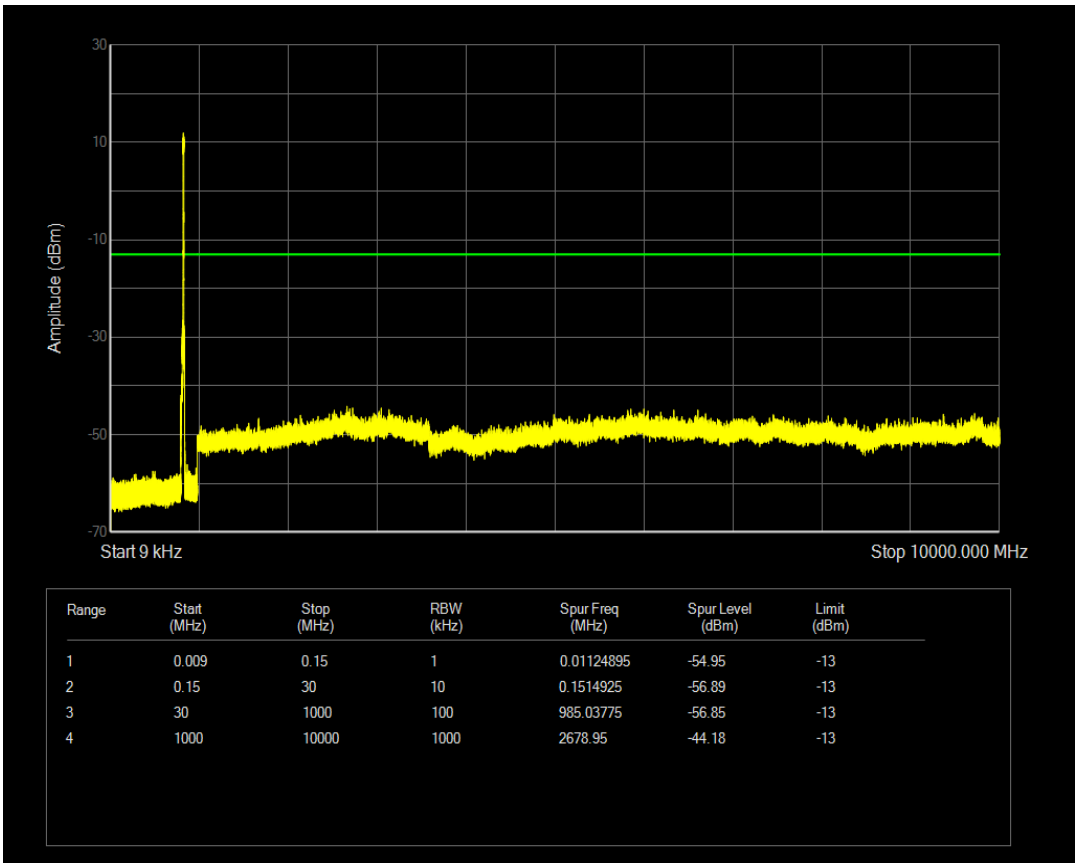
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-55.28	-13
2	0.15	30	10	0.16791	-57.96	-13
3	30	1000	100	758.373	-57.07	-13
4	1000	10000	1000	3298.15	-44.46	-13

Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



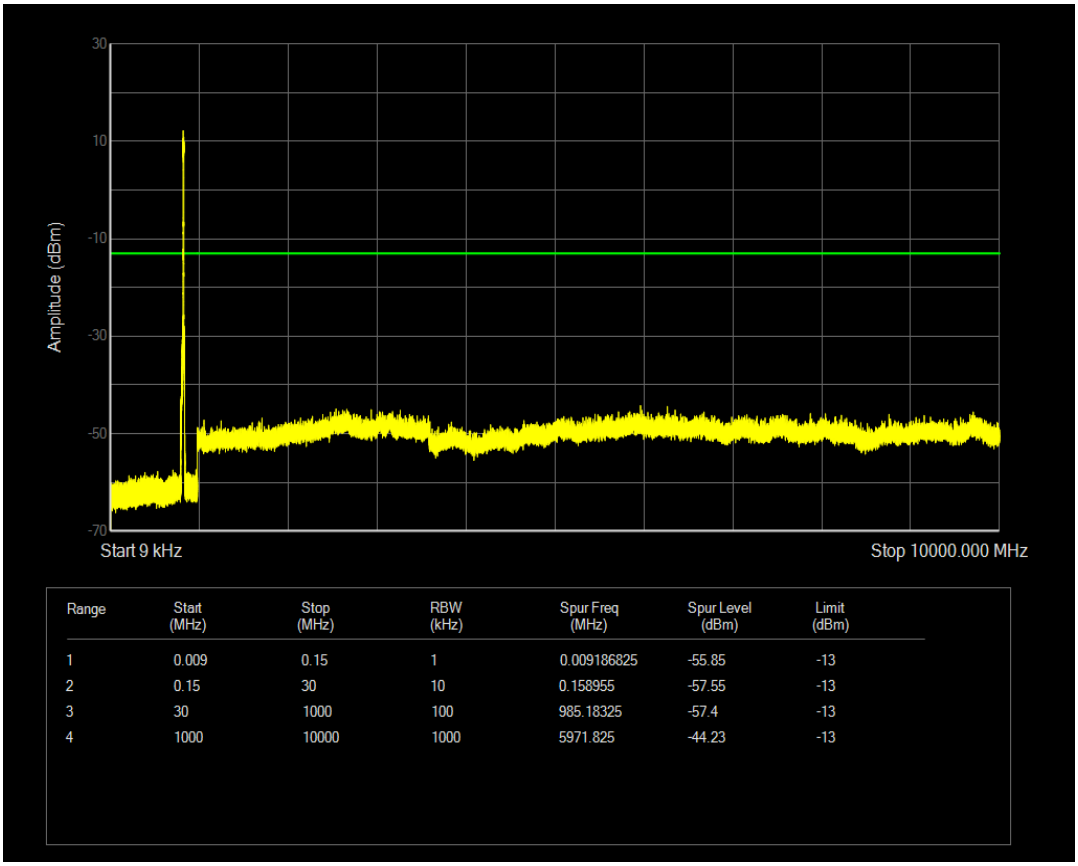
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009088125	-55.32	-13
2	0.15	30	10	0.1514925	-57.63	-13
3	30	1000	100	912.72425	-57.48	-13
4	1000	10000	1000	2668.6	-43.63	-13

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	0.01124895	-54.95	-13
2	0.15	30	10	0.1514925	-56.89	-13
3	30	1000	100	985.03775	-56.85	-13
4	1000	10000	1000	2678.95	-44.18	-13

Band5 QAM16 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	0.009186825	-55.85	-13
2	0.15	30	10	0.158955	-57.55	-13
3	30	1000	100	985.18325	-57.4	-13
4	1000	10000	1000	5971.825	-44.23	-13