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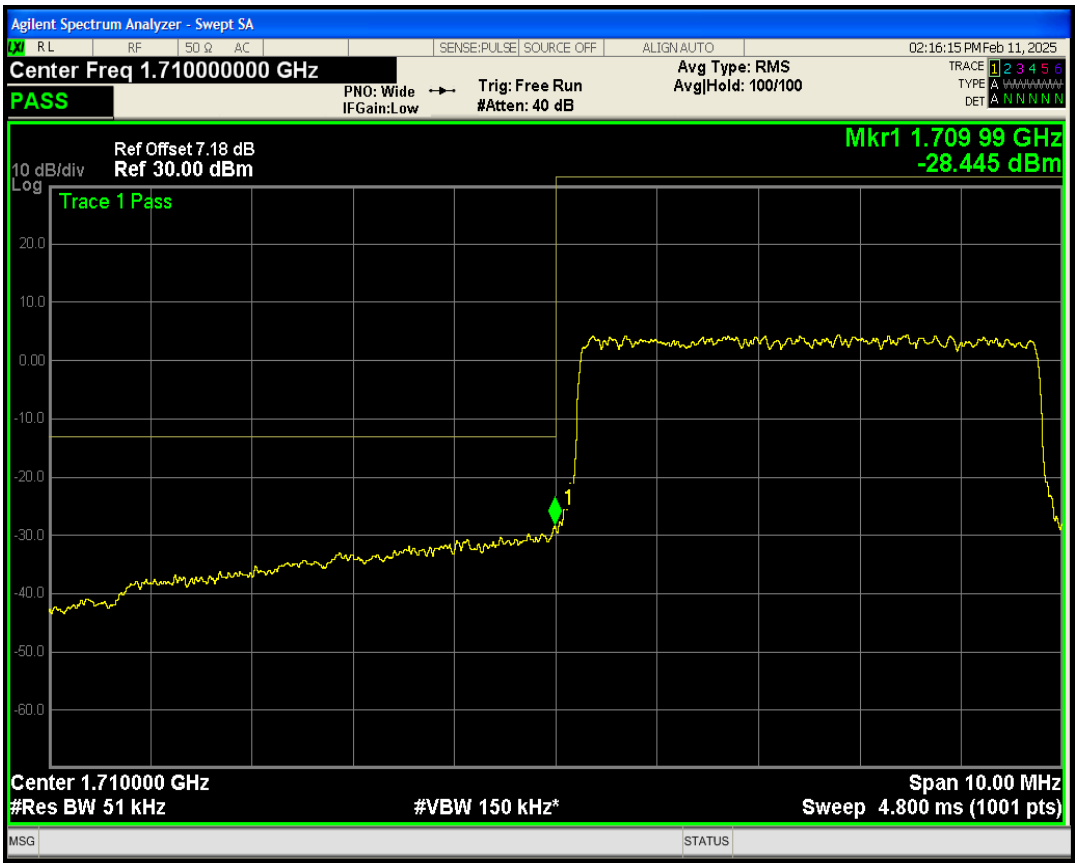
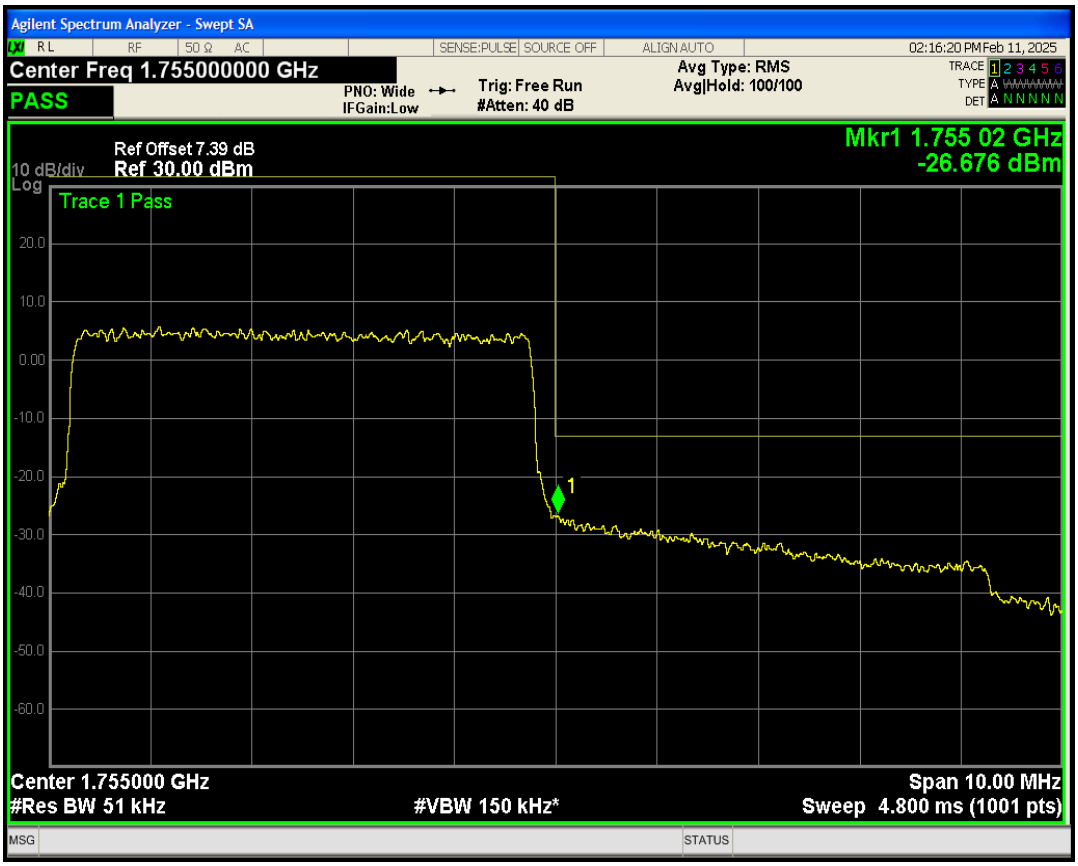
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



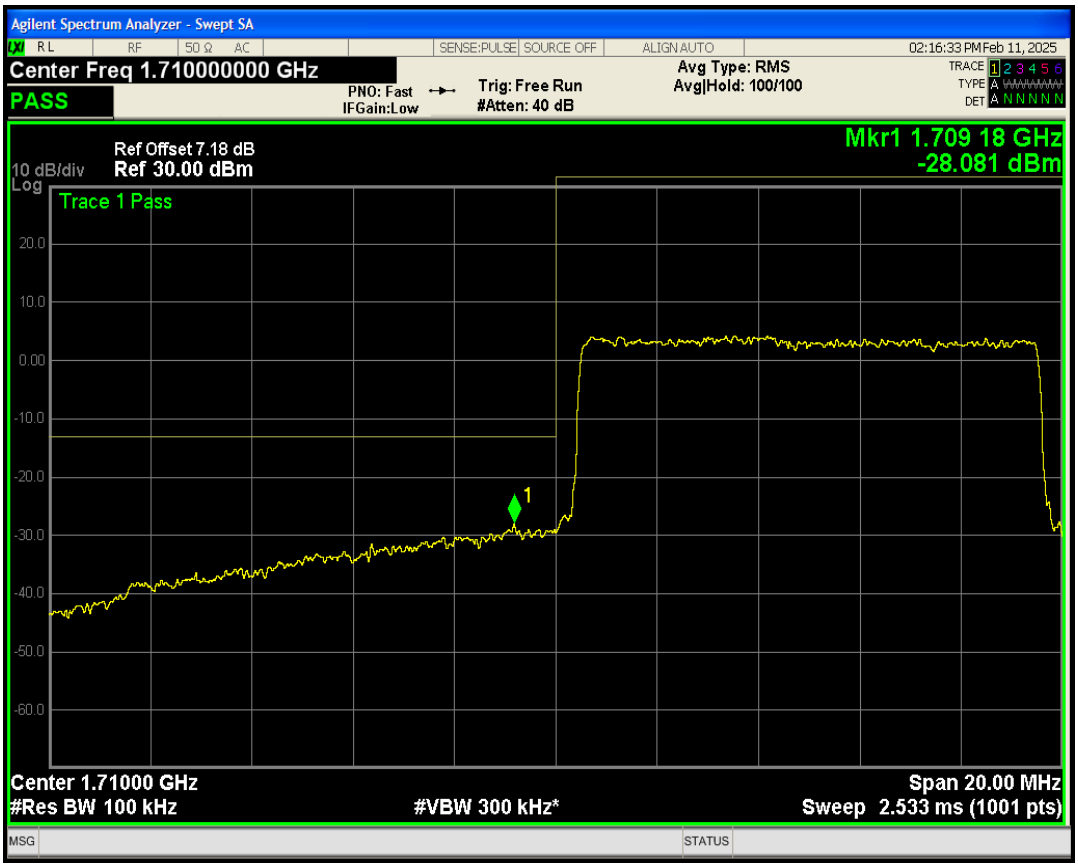
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

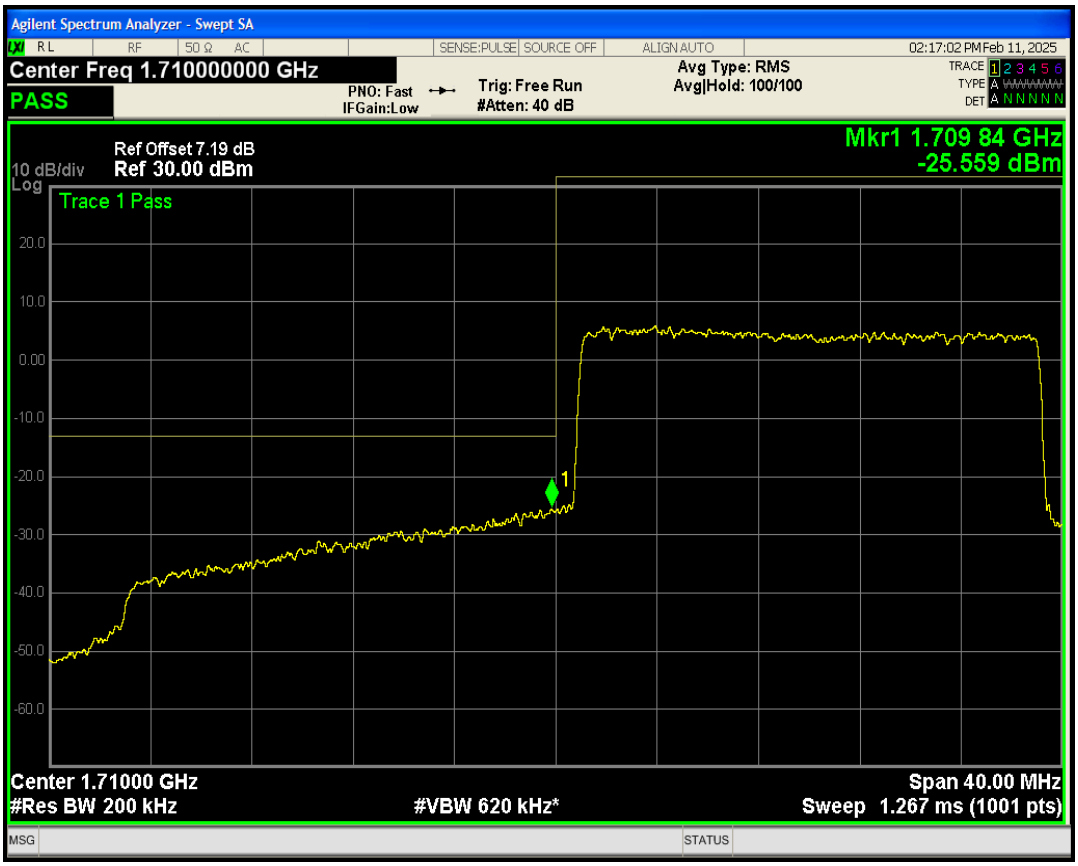
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0

Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0

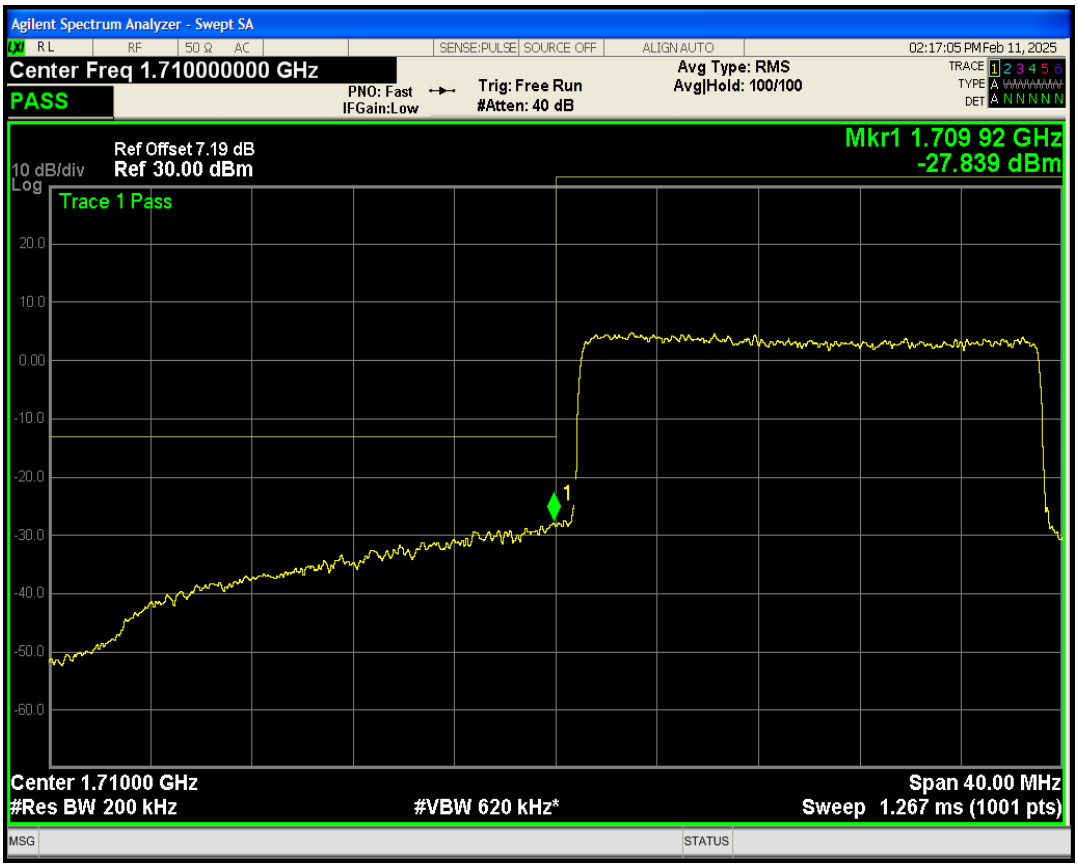
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

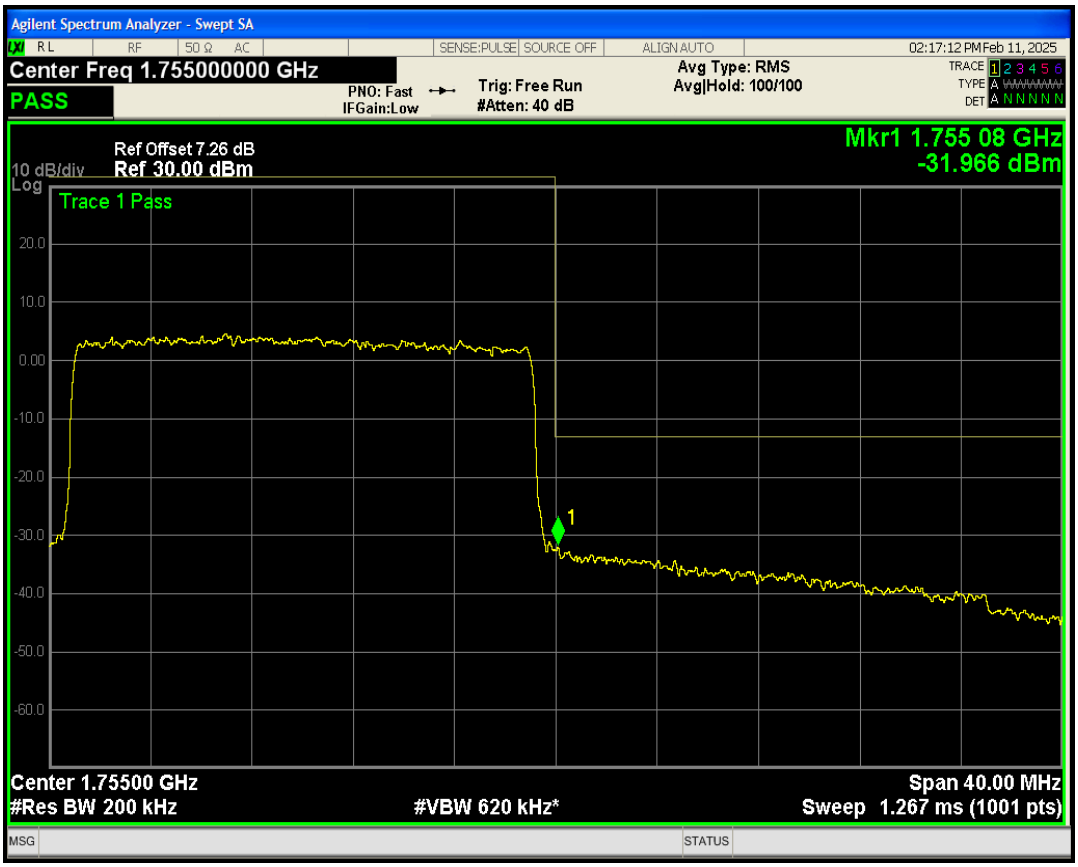


Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0

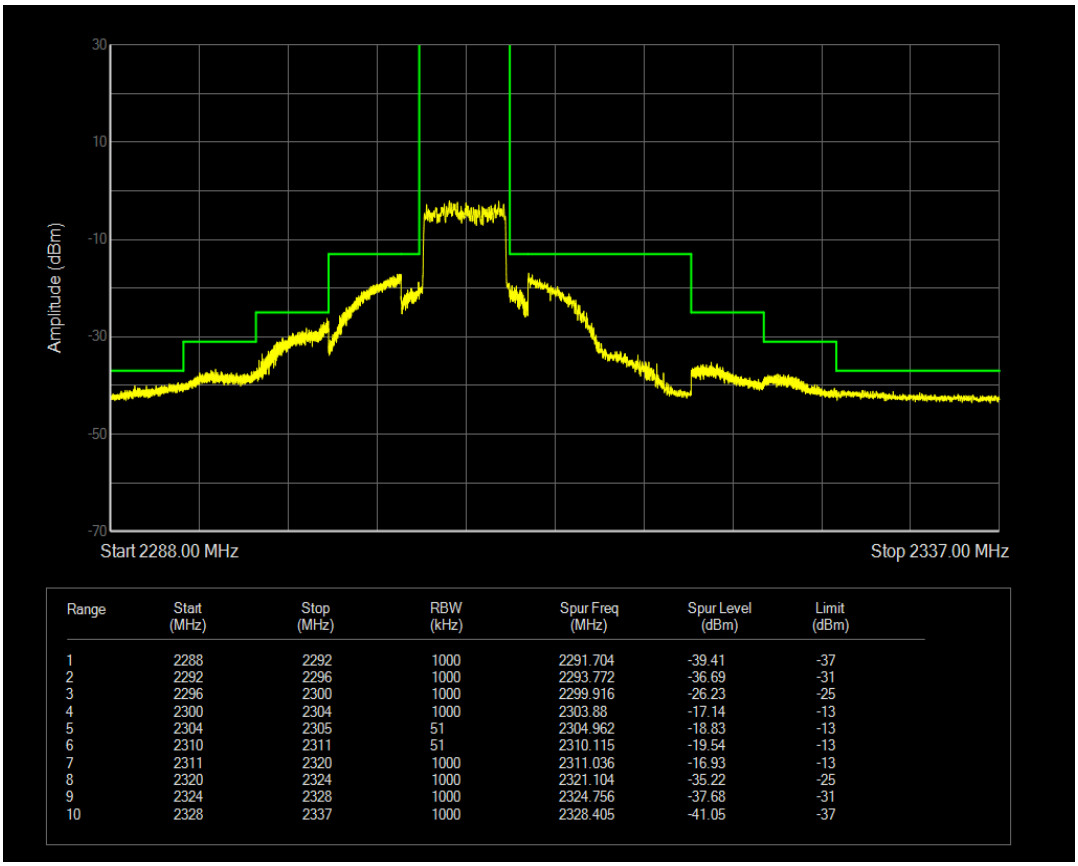


Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0

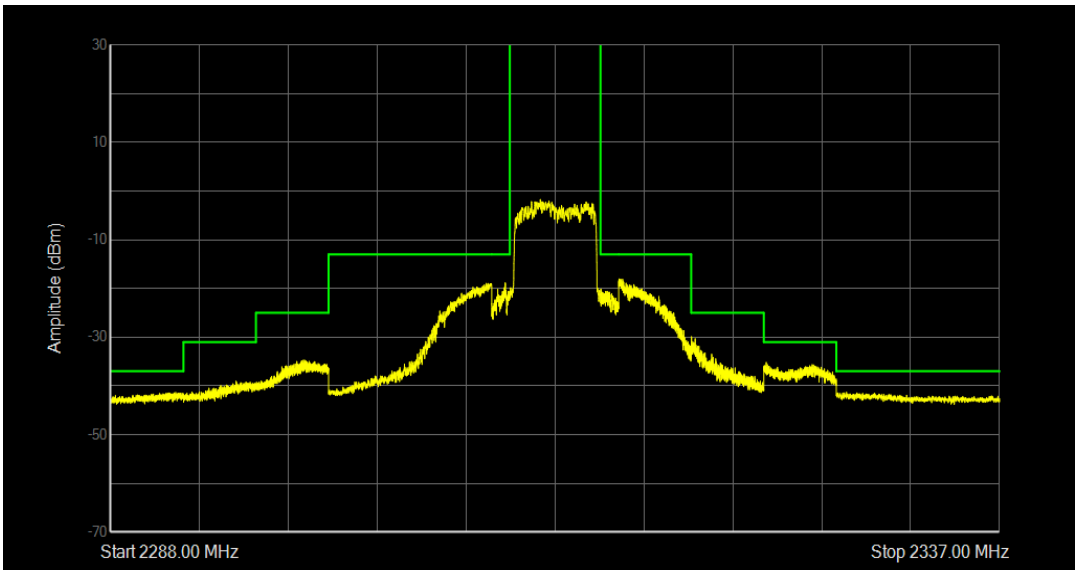


Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



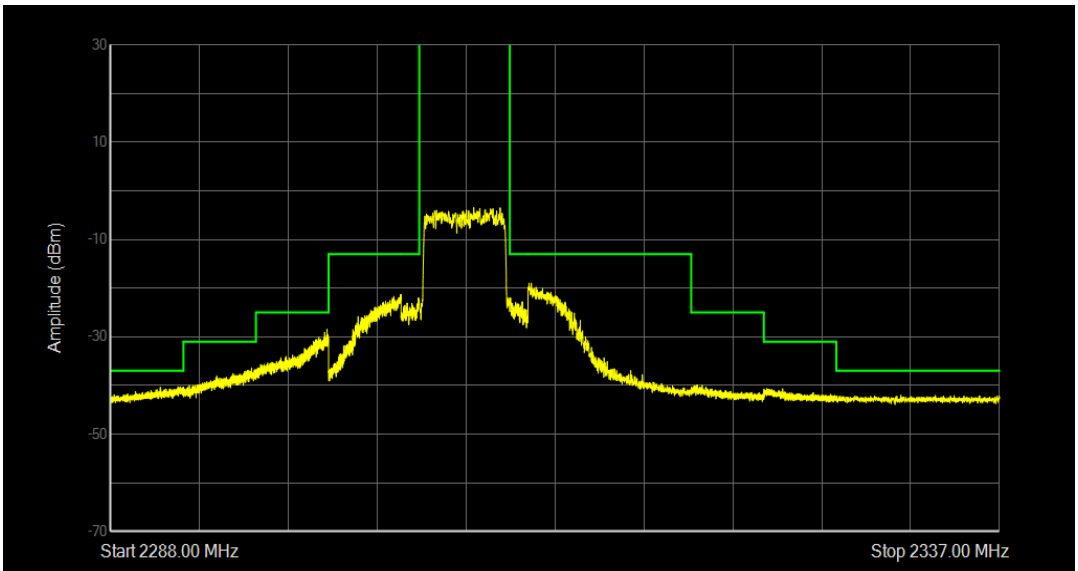
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.704	-39.41	-37
2	2292	2296	1000	2293.772	-36.69	-31
3	2296	2300	1000	2299.916	-26.23	-25
4	2300	2304	1000	2303.88	-17.14	-13
5	2304	2305	51	2304.962	-18.83	-13
6	2310	2311	51	2310.115	-19.54	-13
7	2311	2320	1000	2311.036	-16.93	-13
8	2320	2324	1000	2321.104	-35.22	-25
9	2324	2328	1000	2324.756	-37.68	-31
10	2328	2337	1000	2328.405	-41.05	-37

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



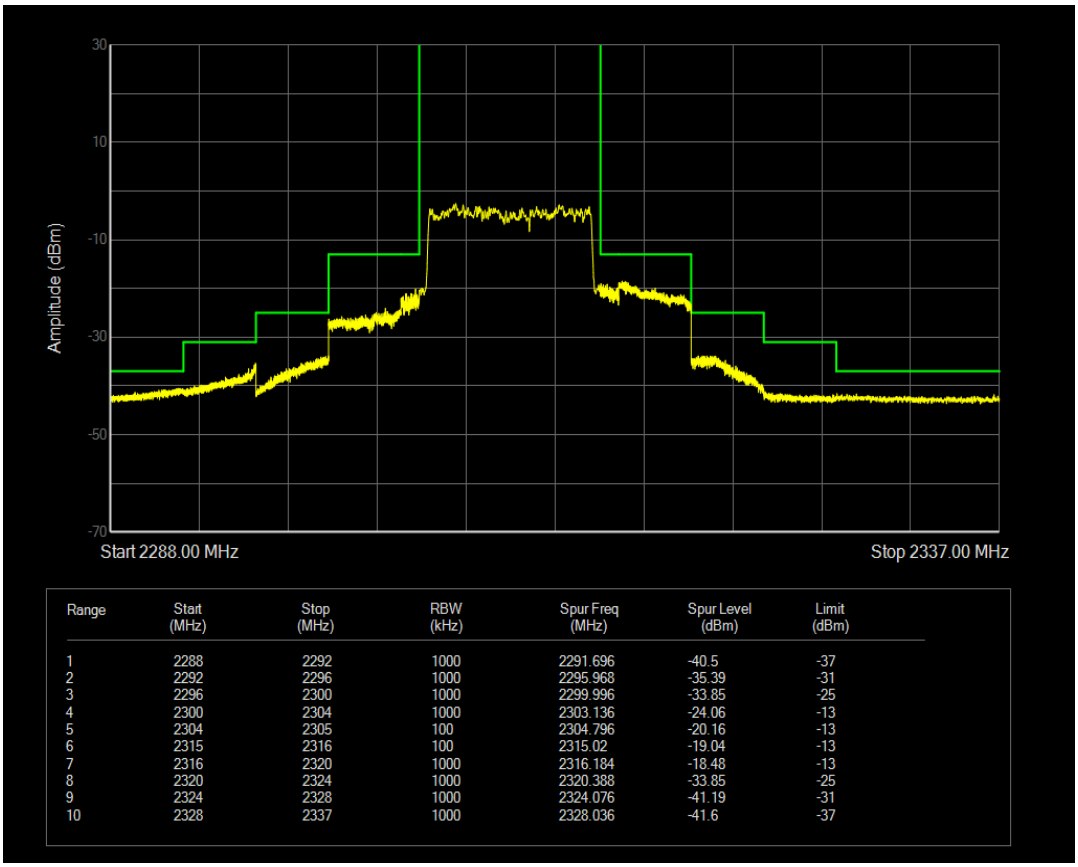
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.576	-41.34	-37
2	2292	2296	1000	2294.892	-39.04	-31
3	2296	2300	1000	2298.676	-34.71	-25
4	2300	2309	1000	2308.703	-18.94	-13
5	2309	2310	51	2309.745	-18.86	-13
6	2315	2316	51	2315.019	-20.17	-13
7	2316	2320	1000	2316.024	-18.03	-13
8	2320	2324	1000	2320.012	-29.89	-25
9	2324	2328	1000	2324.132	-35.17	-31
10	2328	2337	1000	2328.558	-41.29	-37

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



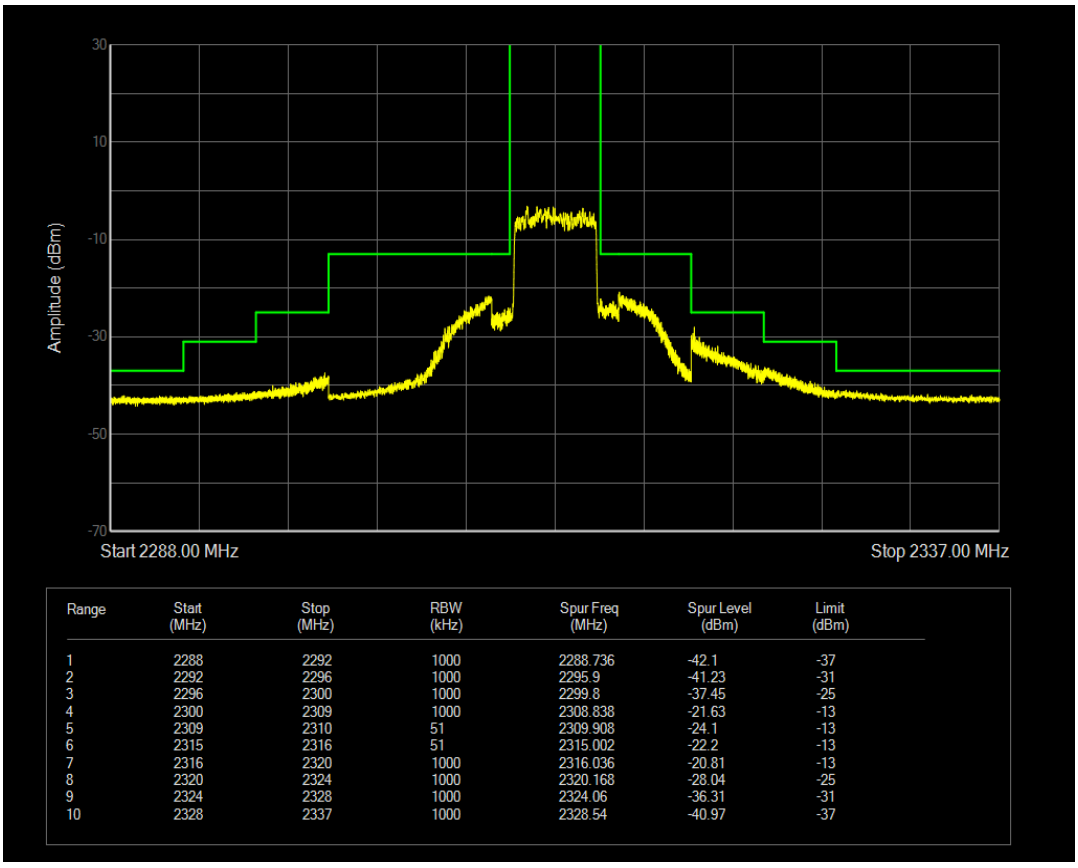
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.728	-40.26	-37
2	2292	2296	1000	2295.756	-36.4	-31
3	2296	2300	1000	2299.92	-28.43	-25
4	2300	2304	1000	2303.968	-21.28	-13
5	2304	2305	51	2304.958	-22.06	-13
6	2310	2311	51	2310.035	-22.03	-13
7	2311	2320	1000	2311.18	-18.96	-13
8	2320	2324	1000	2320.324	-39.85	-25
9	2324	2328	1000	2324.168	-40.64	-31
10	2328	2337	1000	2331.555	-41.98	-37

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



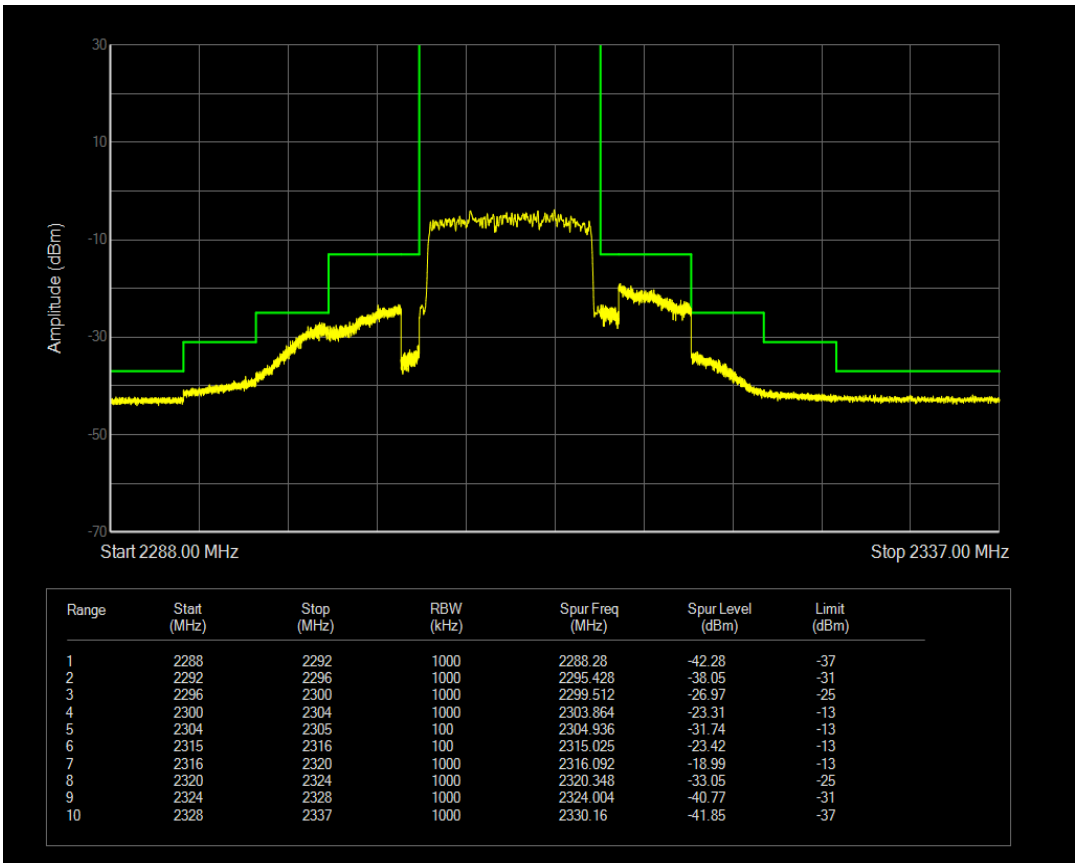
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.696	-40.5	-37
2	2292	2296	1000	2295.968	-35.39	-31
3	2296	2300	1000	2299.996	-33.85	-25
4	2300	2304	1000	2303.136	-24.06	-13
5	2304	2305	100	2304.796	-20.16	-13
6	2315	2316	100	2315.02	-19.04	-13
7	2316	2320	1000	2316.184	-18.48	-13
8	2320	2324	1000	2320.388	-33.85	-25
9	2324	2328	1000	2324.076	-41.19	-31
10	2328	2337	1000	2328.036	-41.6	-37

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



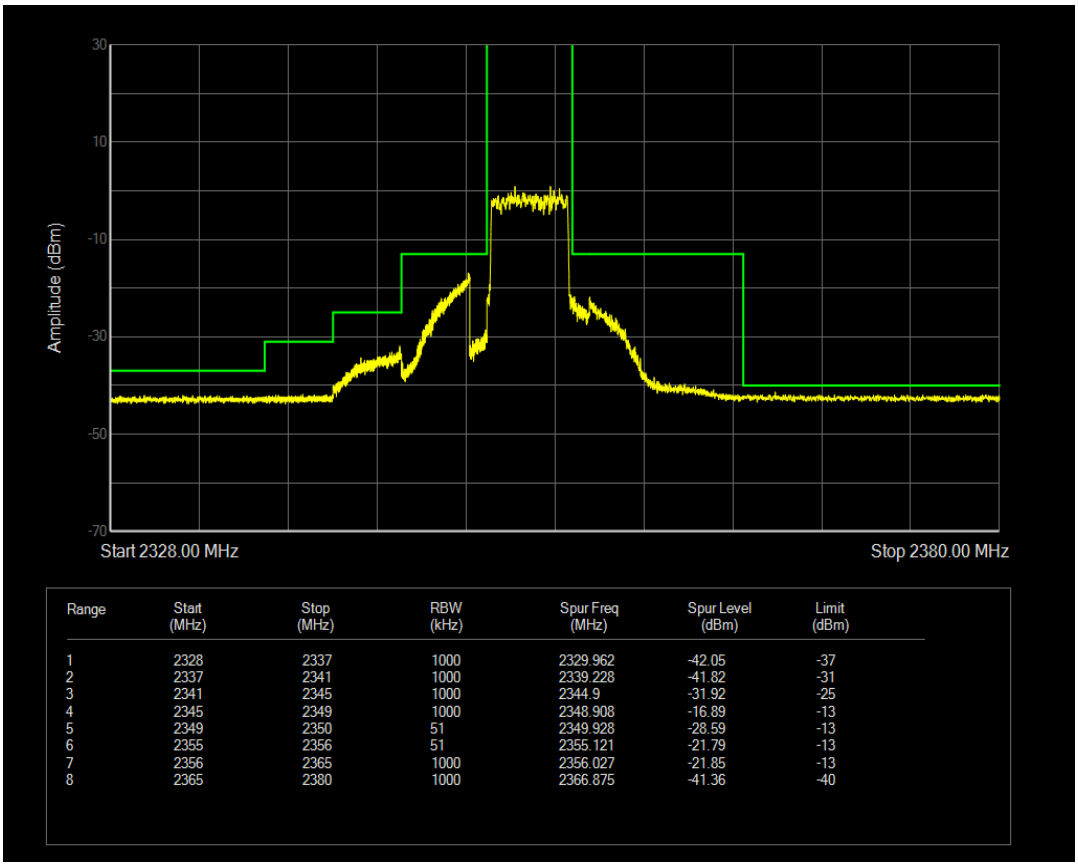
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2288.736	-42.1	-37
2	2292	2296	1000	2295.9	-41.23	-31
3	2296	2300	1000	2299.8	-37.45	-25
4	2300	2309	1000	2308.838	-21.63	-13
5	2309	2310	51	2309.908	-24.1	-13
6	2315	2316	51	2315.002	-22.2	-13
7	2316	2320	1000	2316.036	-20.81	-13
8	2320	2324	1000	2320.168	-28.04	-25
9	2324	2328	1000	2324.06	-36.31	-31
10	2328	2337	1000	2328.54	-40.97	-37

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



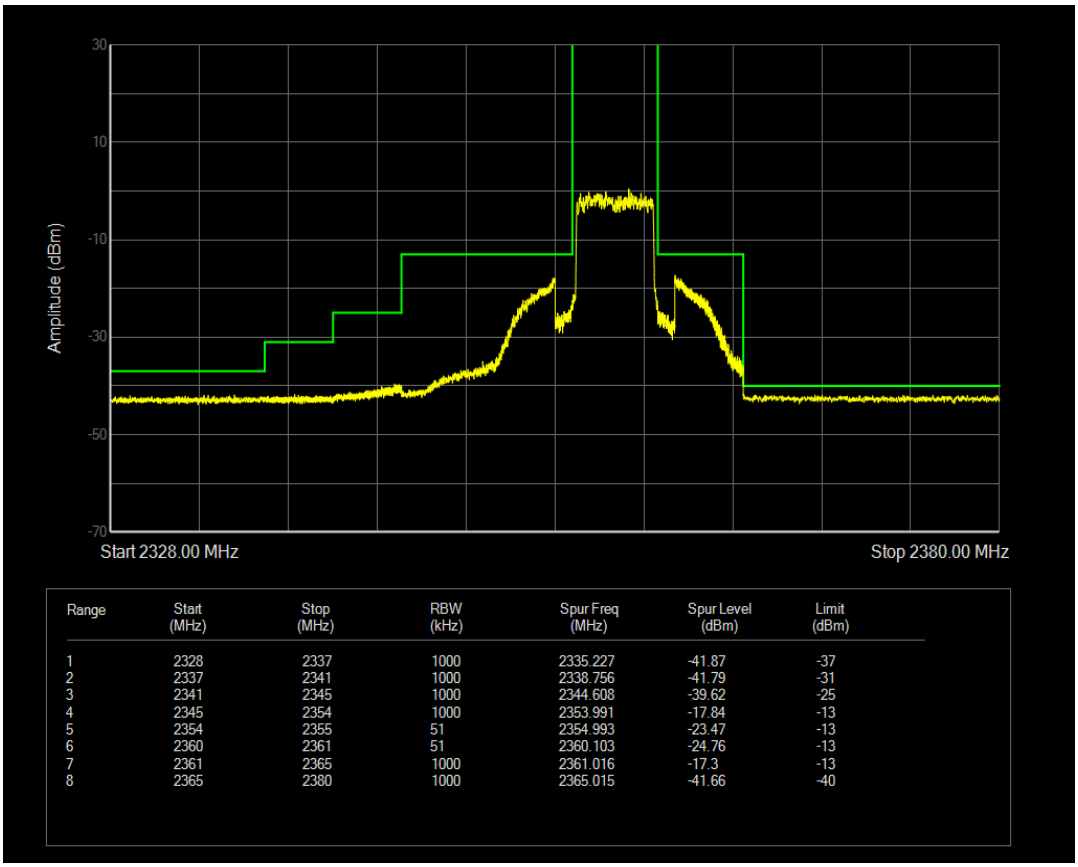
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2288.28	-42.28	-37
2	2292	2296	1000	2295.428	-38.05	-31
3	2296	2300	1000	2299.512	-26.97	-25
4	2300	2304	1000	2303.864	-23.31	-13
5	2304	2305	100	2304.936	-31.74	-13
6	2315	2316	100	2315.025	-23.42	-13
7	2316	2320	1000	2316.092	-18.99	-13
8	2320	2324	1000	2320.348	-33.05	-25
9	2324	2328	1000	2324.004	-40.77	-31
10	2328	2337	1000	2330.16	-41.85	-37

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



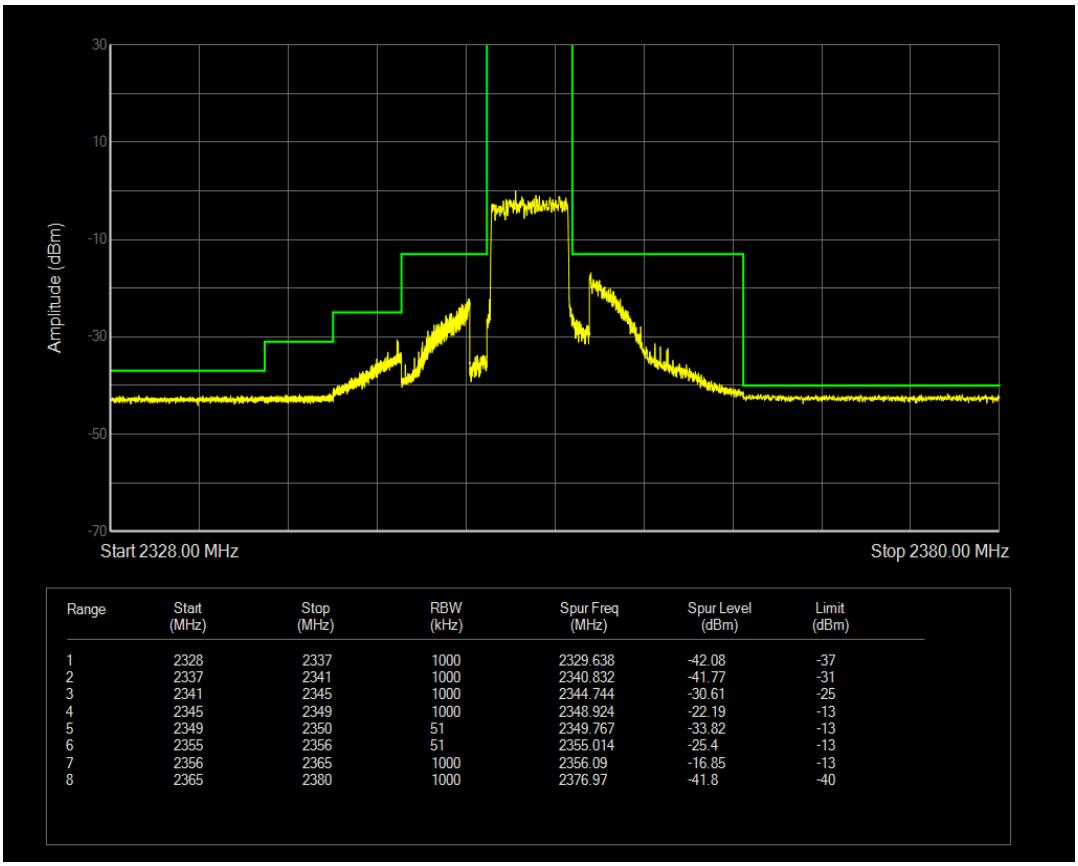
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2329.962	-42.05	-37
2	2337	2341	1000	2339.228	-41.82	-31
3	2341	2345	1000	2344.9	-31.92	-25
4	2345	2349	1000	2348.908	-16.89	-13
5	2349	2350	51	2349.928	-28.59	-13
6	2355	2356	51	2355.121	-21.79	-13
7	2356	2365	1000	2356.027	-21.85	-13
8	2365	2380	1000	2366.875	-41.36	-40

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



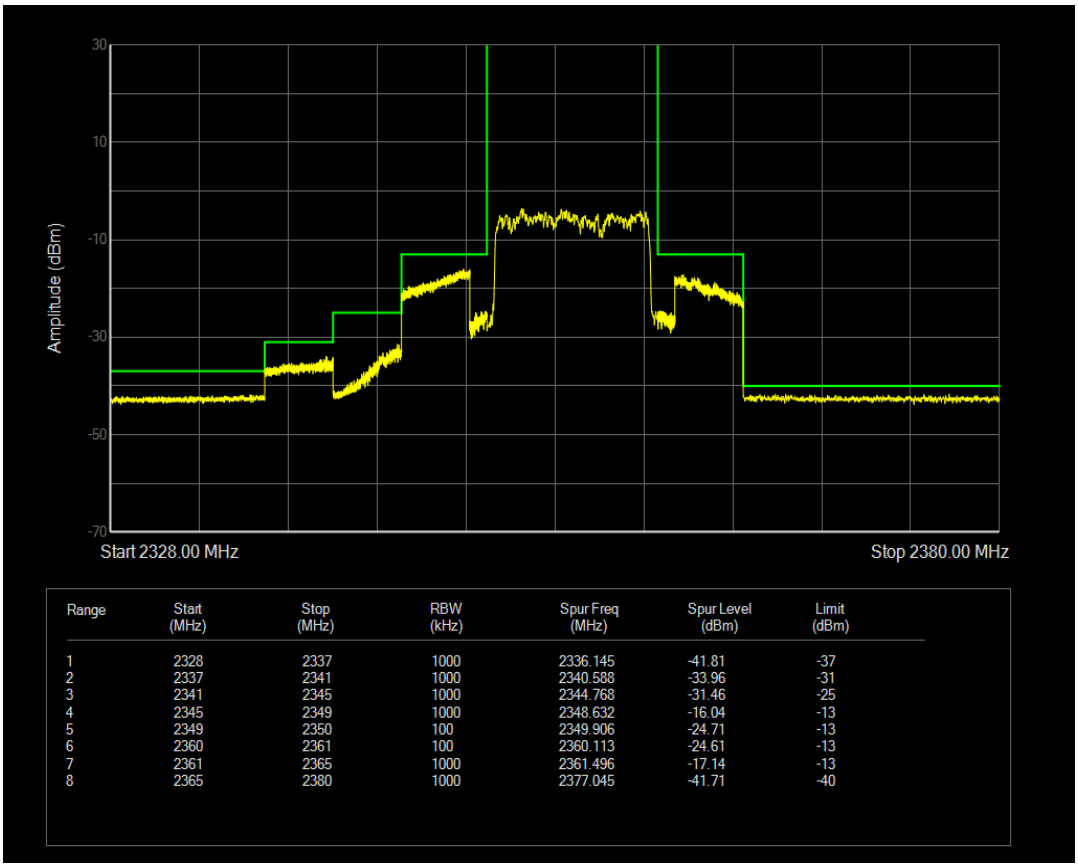
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2335.227	-41.87	-37
2	2337	2341	1000	2338.756	-41.79	-31
3	2341	2345	1000	2344.608	-39.62	-25
4	2345	2354	1000	2353.991	-17.84	-13
5	2354	2355	51	2354.993	-23.47	-13
6	2360	2361	51	2360.103	-24.76	-13
7	2361	2365	1000	2361.016	-17.3	-13
8	2365	2380	1000	2365.015	-41.66	-40

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



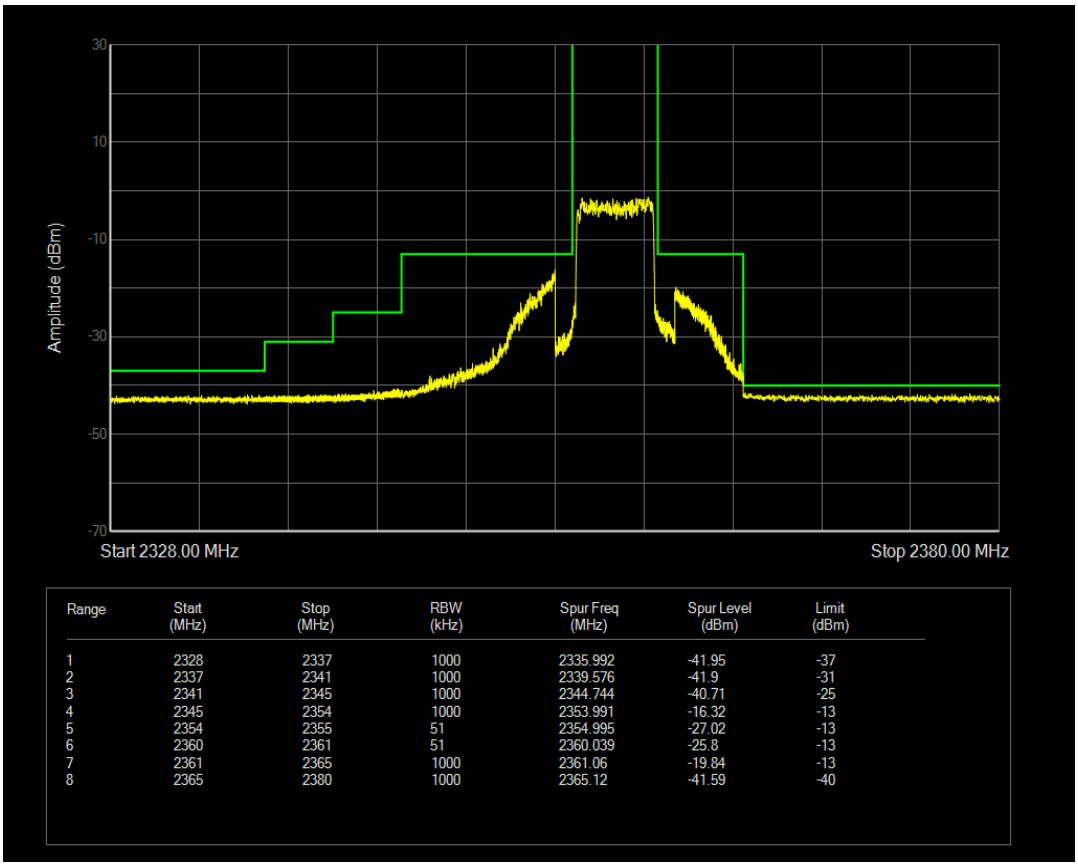
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2329.638	-42.08	-37
2	2337	2341	1000	2340.832	-41.77	-31
3	2341	2345	1000	2344.744	-30.61	-25
4	2345	2349	1000	2348.924	-22.19	-13
5	2349	2350	51	2349.767	-33.82	-13
6	2355	2356	51	2355.014	-25.4	-13
7	2356	2365	1000	2356.09	-16.85	-13
8	2365	2380	1000	2376.97	-41.8	-40

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



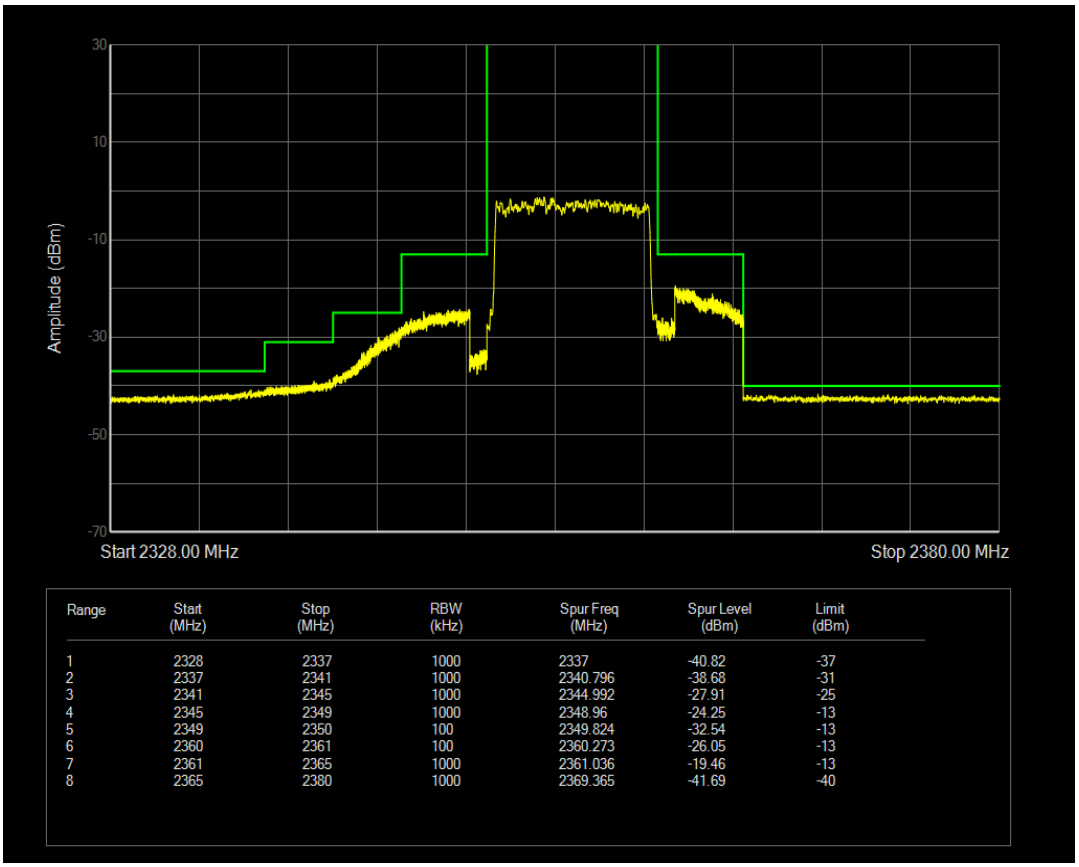
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2336.145	-41.81	-37
2	2337	2341	1000	2340.588	-33.96	-31
3	2341	2345	1000	2344.768	-31.46	-25
4	2345	2349	1000	2348.632	-16.04	-13
5	2349	2350	100	2349.906	-24.71	-13
6	2360	2361	100	2360.113	-24.61	-13
7	2361	2365	1000	2361.496	-17.14	-13
8	2365	2380	1000	2377.045	-41.71	-40

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



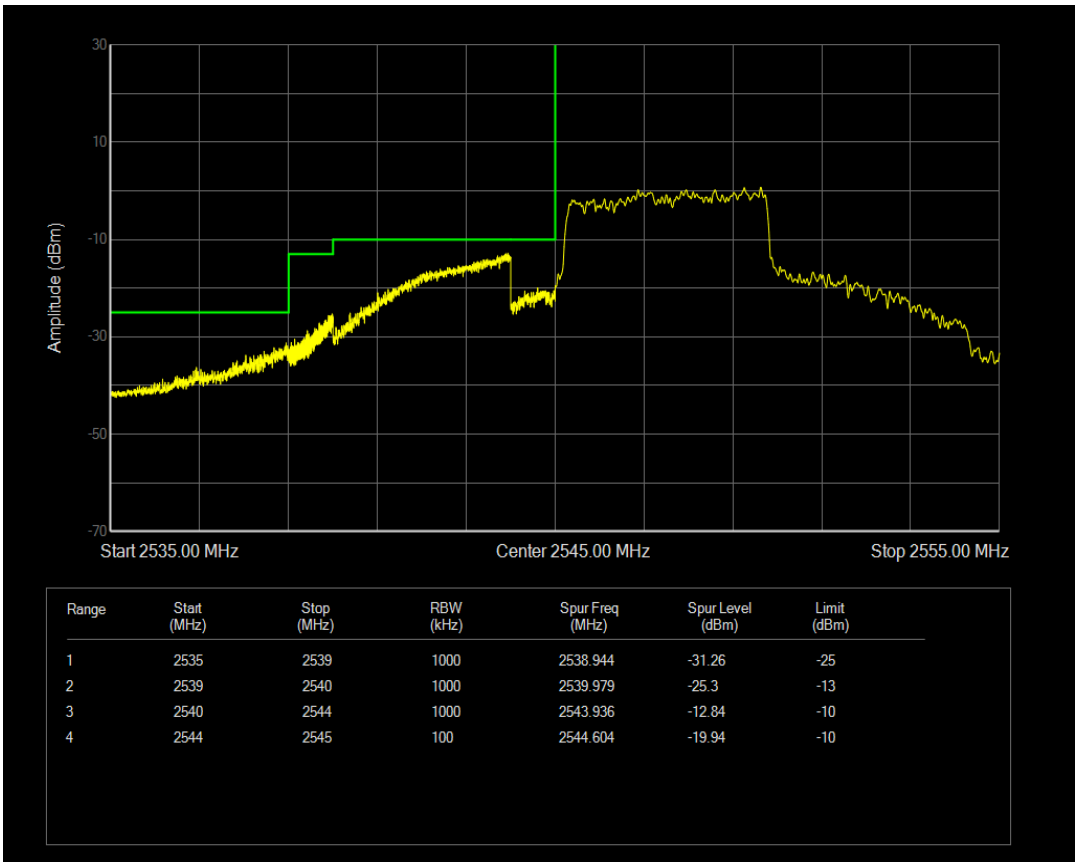
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2335.992	-41.95	-37
2	2337	2341	1000	2339.576	-41.9	-31
3	2341	2345	1000	2344.744	-40.71	-25
4	2345	2354	1000	2353.991	-16.32	-13
5	2354	2355	51	2354.995	-27.02	-13
6	2360	2361	51	2360.039	-25.8	-13
7	2361	2365	1000	2361.06	-19.84	-13
8	2365	2380	1000	2365.12	-41.59	-40

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



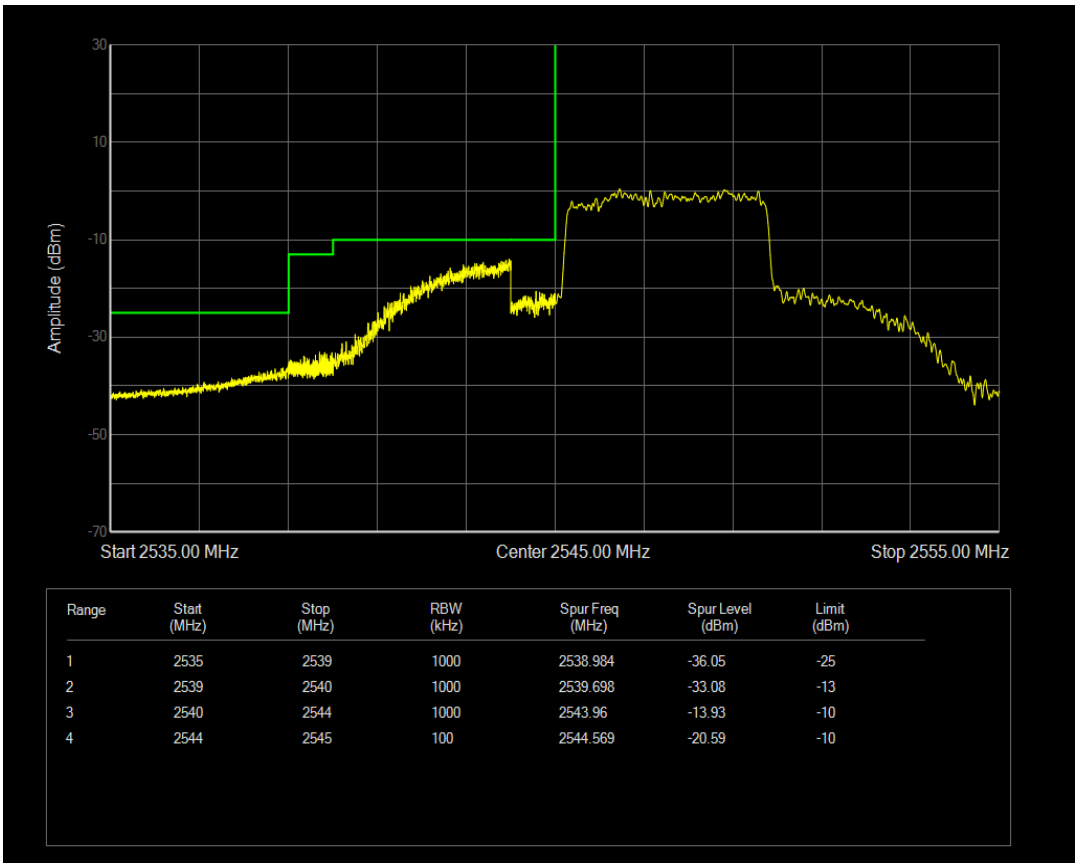
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2337	-40.82	-37
2	2337	2341	1000	2340.796	-38.68	-31
3	2341	2345	1000	2344.992	-27.91	-25
4	2345	2349	1000	2348.96	-24.25	-13
5	2349	2350	100	2349.824	-32.54	-13
6	2360	2361	100	2360.273	-26.05	-13
7	2361	2365	1000	2361.036	-19.46	-13
8	2365	2380	1000	2369.365	-41.69	-40

Band41(2545-2655) QPSK BW=5MHz Channel=40165 RB Size=25 Position=#0



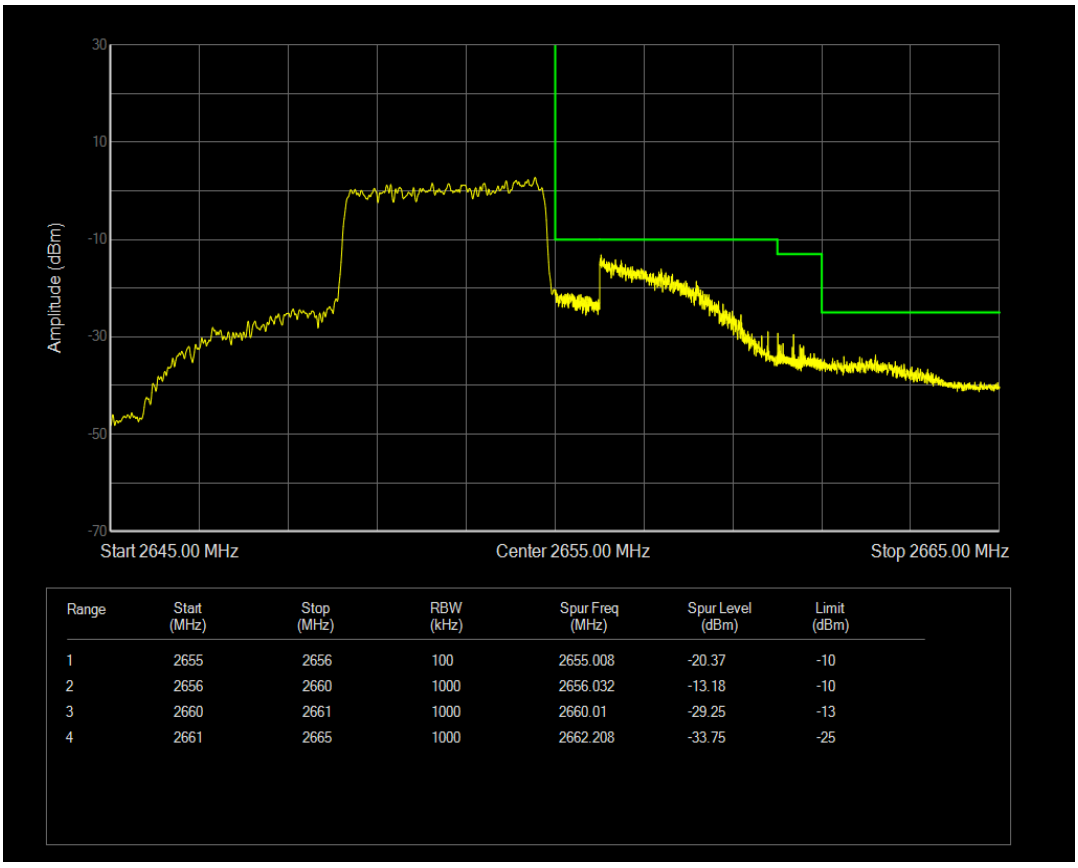
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2535	2539	1000	2538.944	-31.26	-25
2	2539	2540	1000	2539.979	-25.3	-13
3	2540	2544	1000	2543.936	-12.84	-10
4	2544	2545	100	2544.604	-19.94	-10

Band41(2545-2655) QAM16 BW=5MHz Channel=40165 RB Size=25 Position=#0



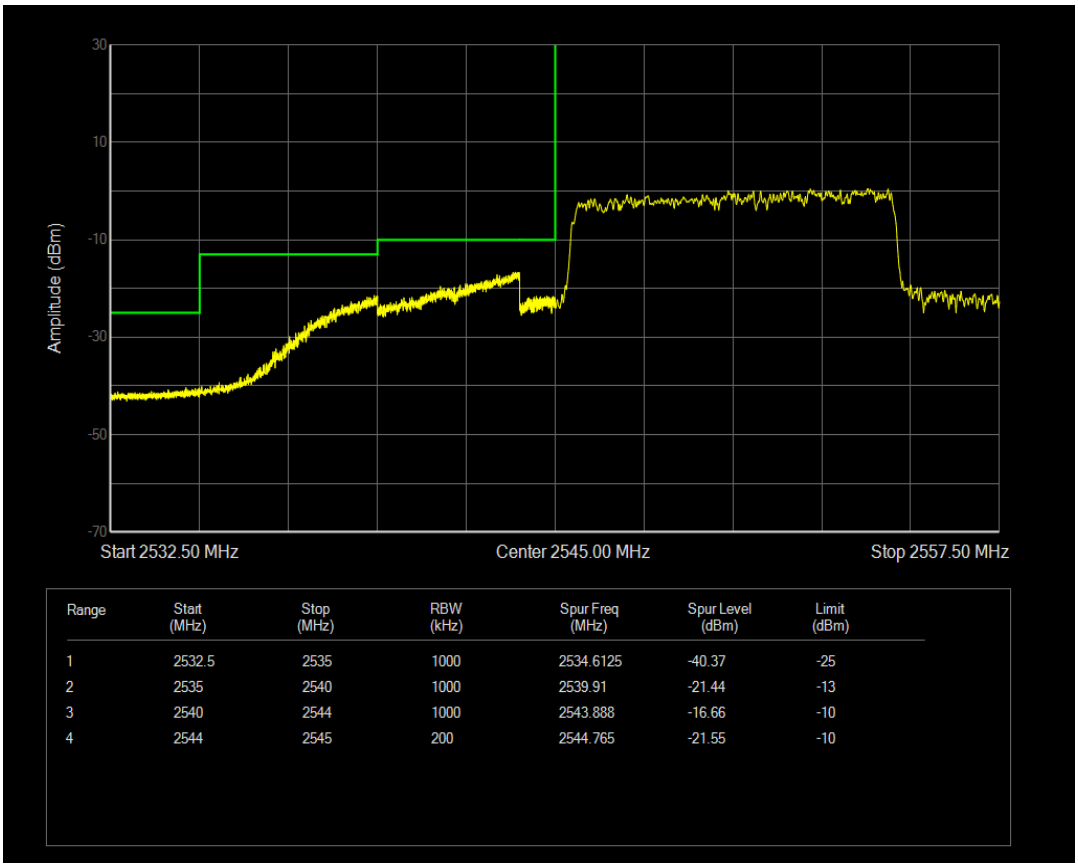
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2535	2539	1000	2538.984	-36.05	-25
2	2539	2540	1000	2539.698	-33.08	-13
3	2540	2544	1000	2543.96	-13.93	-10
4	2544	2545	100	2544.569	-20.59	-10

Band41(2545-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



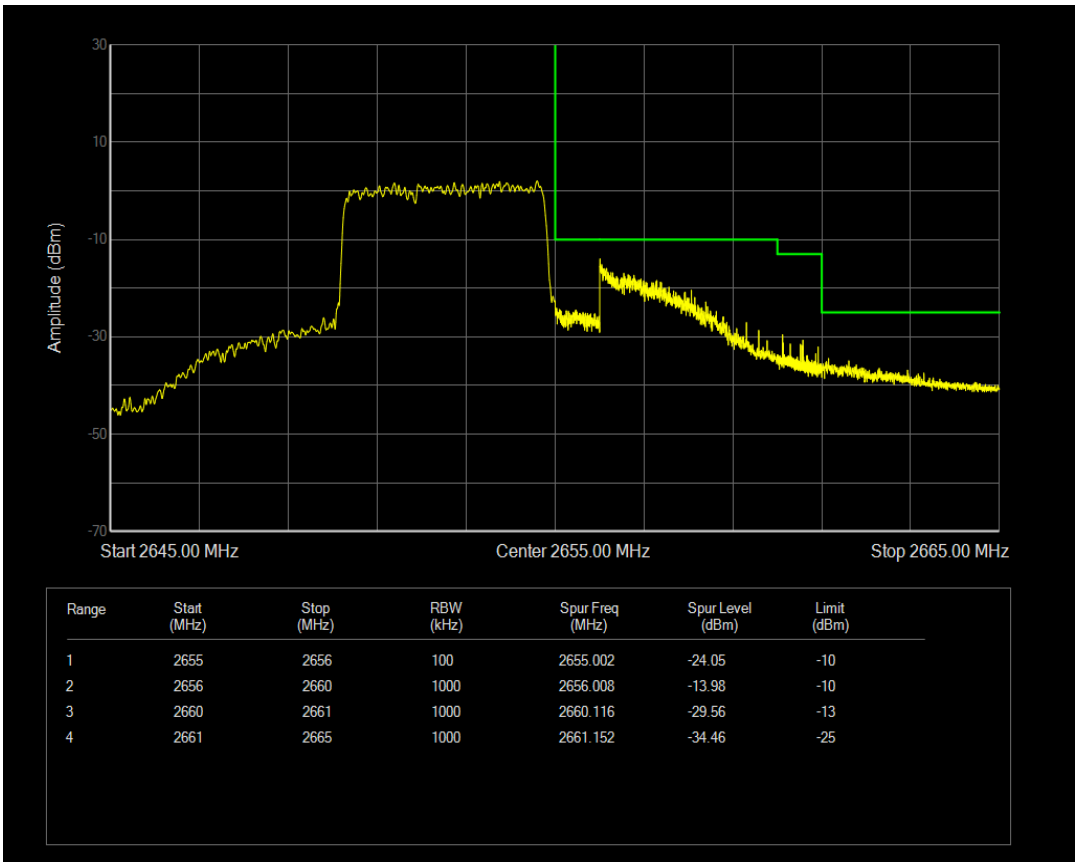
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	100	2655.008	-20.37	-10
2	2656	2660	1000	2656.032	-13.18	-10
3	2660	2661	1000	2660.01	-29.25	-13
4	2661	2665	1000	2662.208	-33.75	-25

Band41(2545-2655) QPSK BW=10MHz Channel=40190 RB Size=50 Position=#0



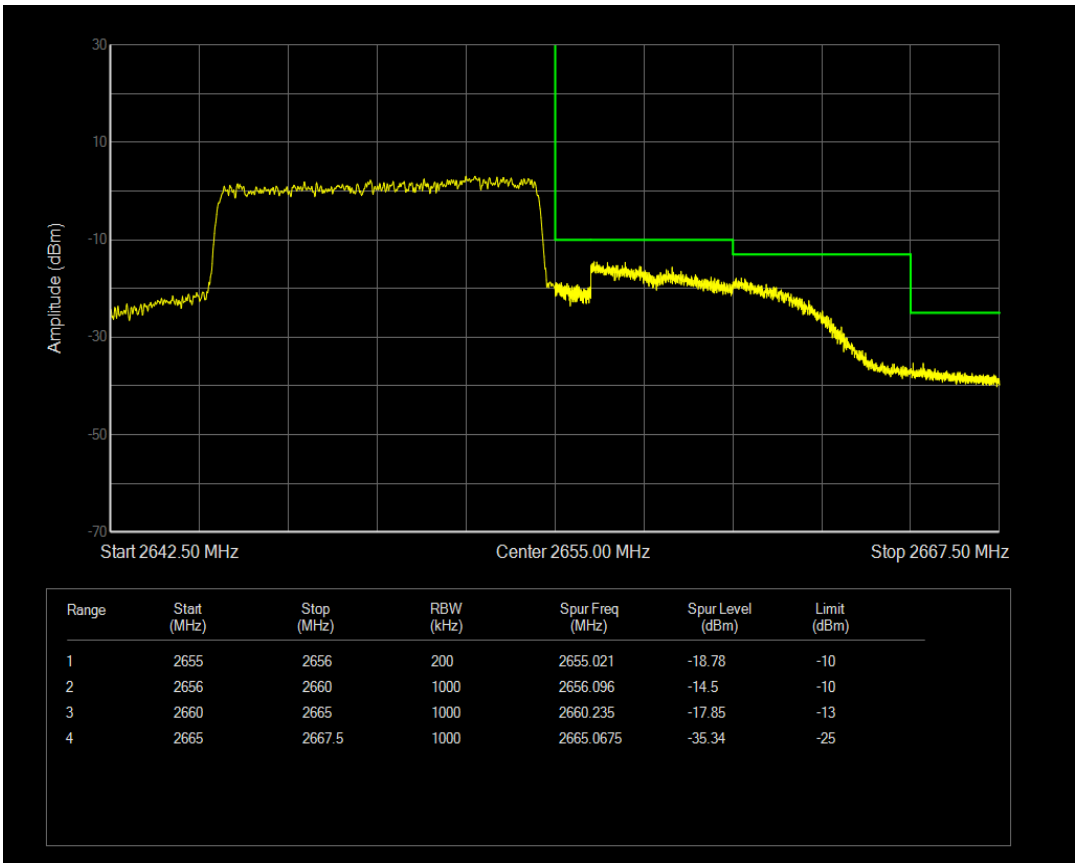
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2532.5	2535	1000	2534.6125	-40.37	-25
2	2535	2540	1000	2539.91	-21.44	-13
3	2540	2544	1000	2543.888	-16.66	-10
4	2544	2545	200	2544.765	-21.55	-10

Band41(2545-2655) QAM16 BW=5MHz Channel=41215 RB Size=25 Position=#0



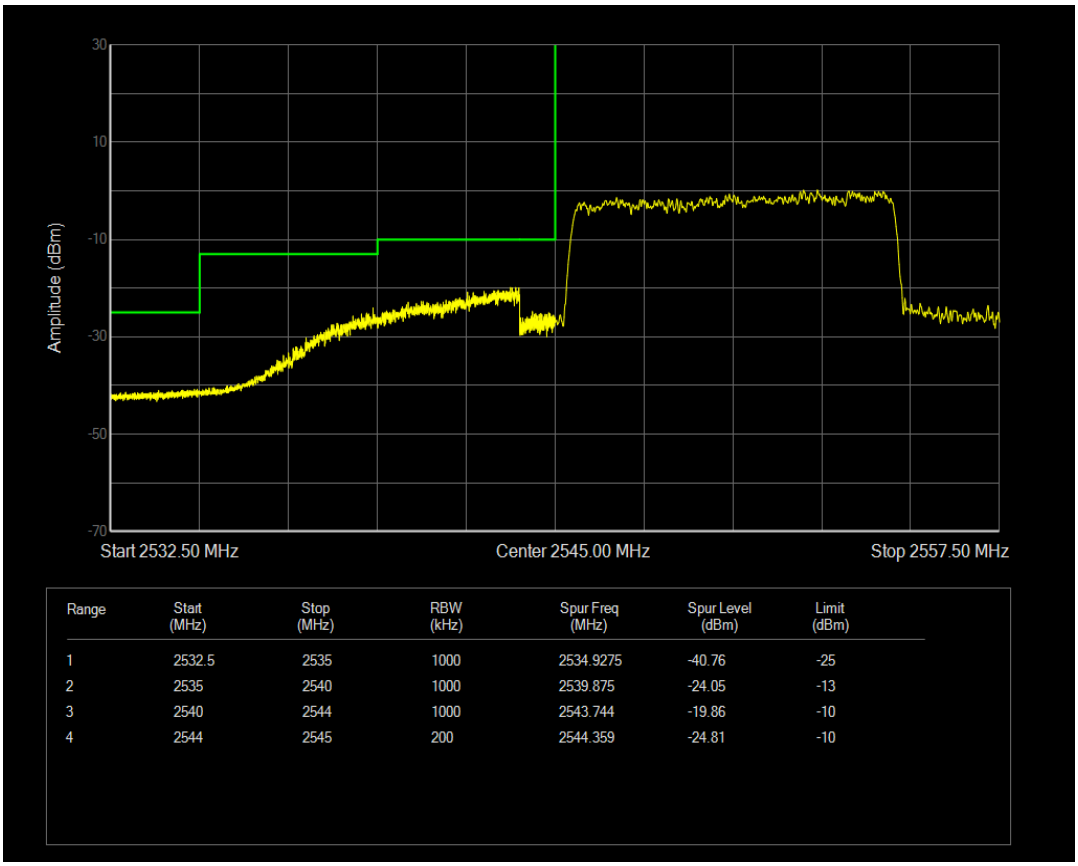
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	100	2655.002	-24.05	-10
2	2656	2660	1000	2656.008	-13.98	-10
3	2660	2661	1000	2660.116	-29.56	-13
4	2661	2665	1000	2661.152	-34.46	-25

Band41(2545-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



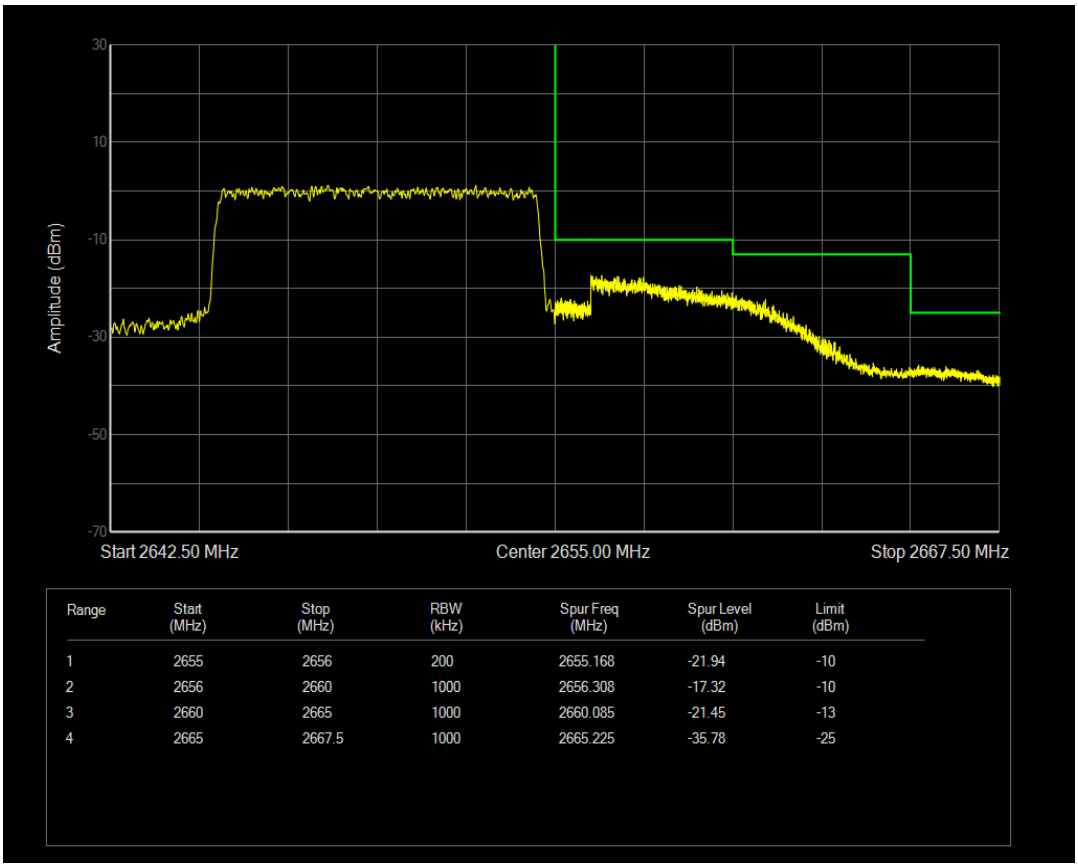
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	200	2655.021	-18.78	-10
2	2656	2660	1000	2656.096	-14.5	-10
3	2660	2665	1000	2660.235	-17.85	-13
4	2665	2667.5	1000	2665.0675	-35.34	-25

Band41(2545-2655) QAM16 BW=10MHz Channel=40190 RB Size=50 Position=#0



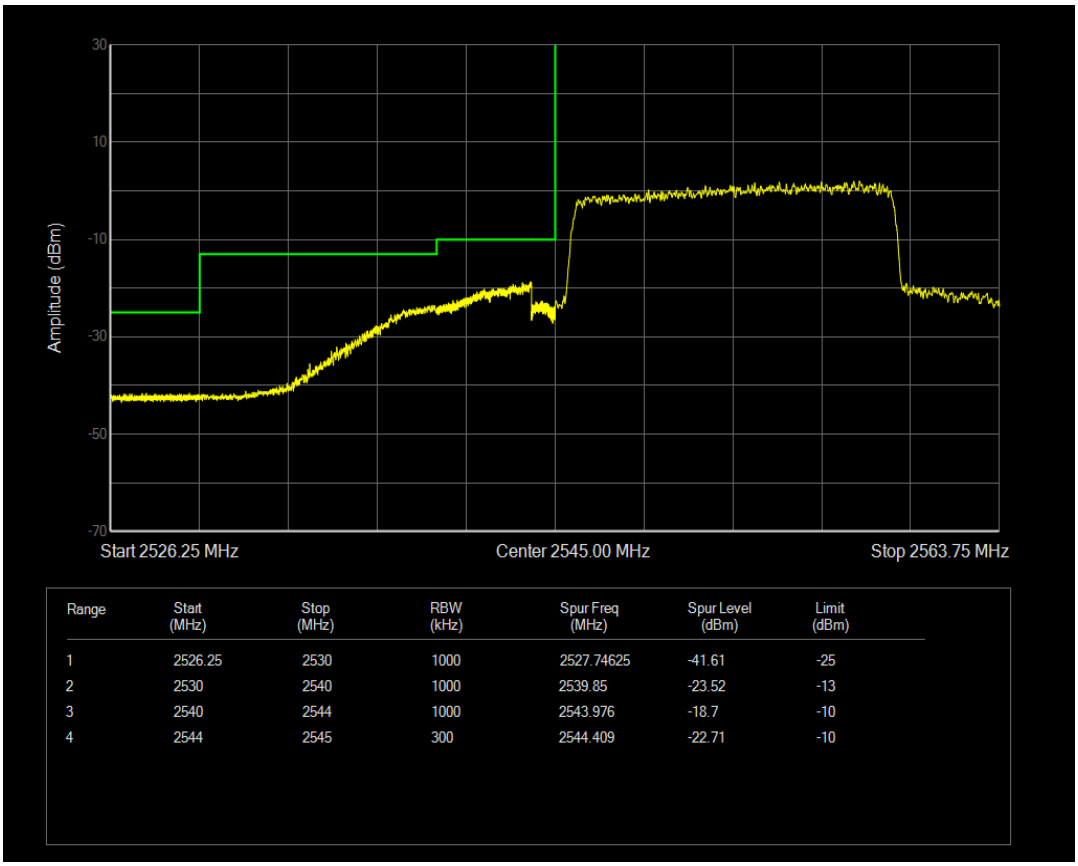
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2532.5	2535	1000	2534.9275	-40.76	-25
2	2535	2540	1000	2539.875	-24.05	-13
3	2540	2544	1000	2543.744	-19.86	-10
4	2544	2545	200	2544.359	-24.81	-10

Band41(2545-2655) QAM16 BW=10MHz Channel=41190 RB Size=50 Position=#0



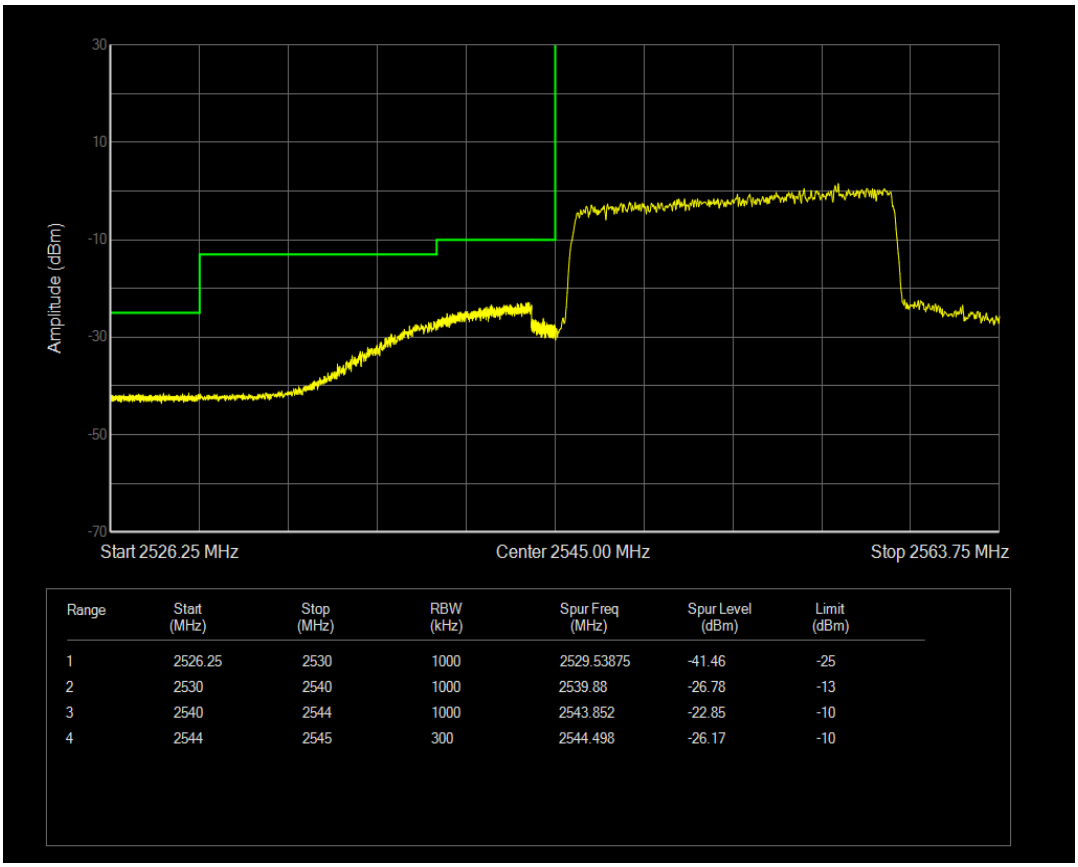
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	200	2655.168	-21.94	-10
2	2656	2660	1000	2656.308	-17.32	-10
3	2660	2665	1000	2660.085	-21.45	-13
4	2665	2667.5	1000	2665.225	-35.78	-25

Band41(2545-2655) QPSK BW=15MHz Channel=40215 RB Size=75 Position=#0



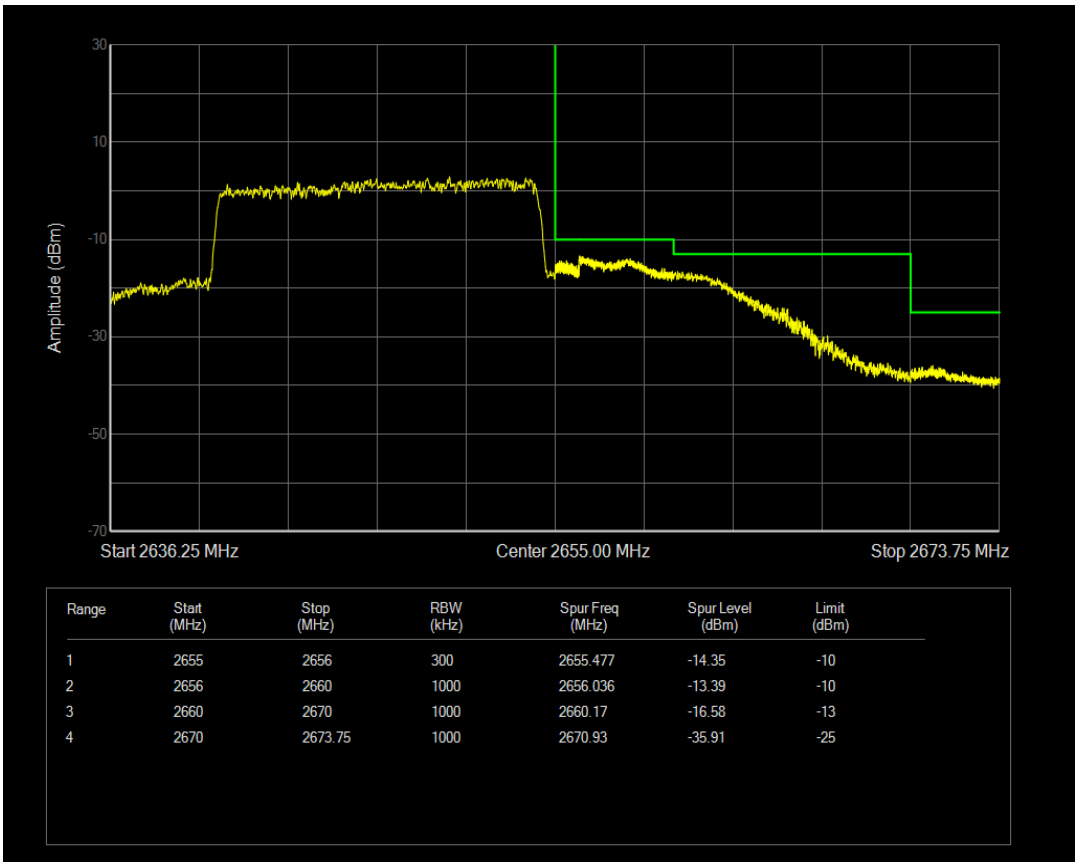
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2526.25	2530	1000	2527.74625	-41.61	-25
2	2530	2540	1000	2539.85	-23.52	-13
3	2540	2544	1000	2543.976	-18.7	-10
4	2544	2545	300	2544.409	-22.71	-10

Band41(2545-2655) QAM16 BW=15MHz Channel=40215 RB Size=75 Position=#0



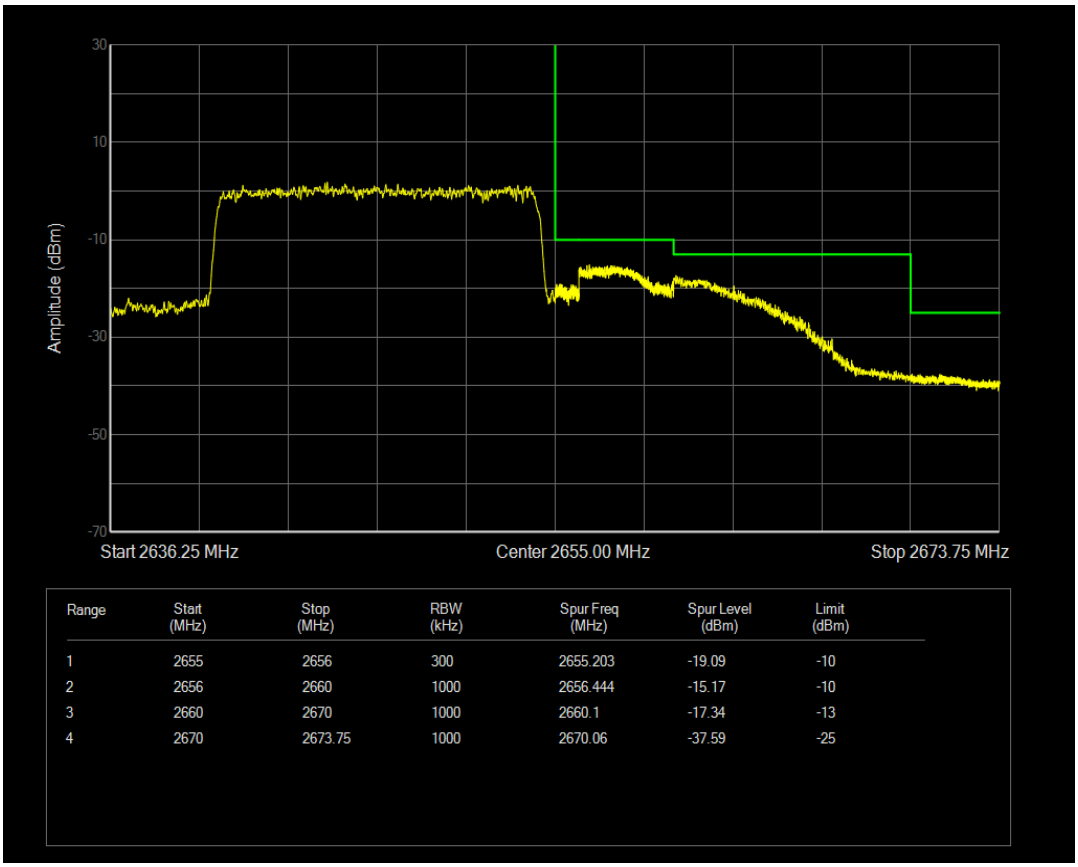
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2526.25	2530	1000	2529.53875	-41.46	-25
2	2530	2540	1000	2539.88	-26.78	-13
3	2540	2544	1000	2543.852	-22.85	-10
4	2544	2545	300	2544.498	-26.17	-10

Band41(2545-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



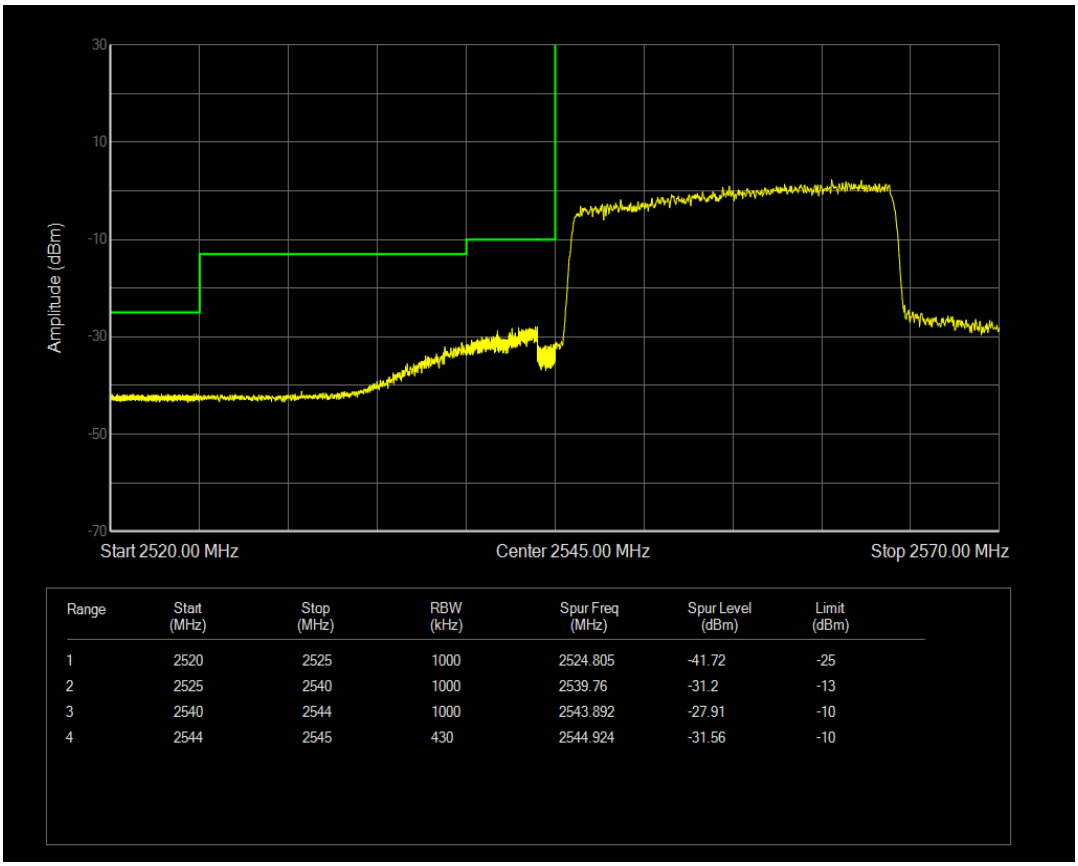
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	300	2655.477	-14.35	-10
2	2656	2660	1000	2656.036	-13.39	-10
3	2660	2670	1000	2660.17	-16.58	-13
4	2670	2673.75	1000	2670.93	-35.91	-25

Band41(2545-2655) QAM16 BW=15MHz Channel=41165 RB Size=75 Position=#0



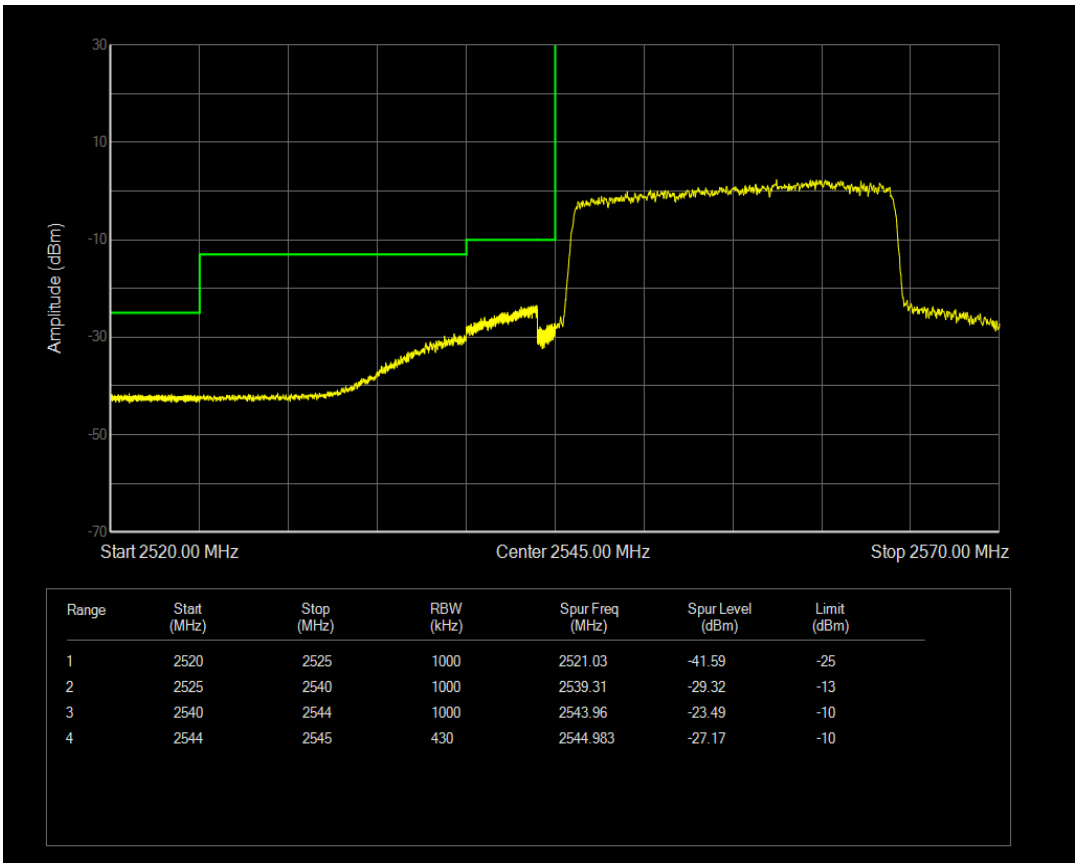
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	300	2655.203	-19.09	-10
2	2656	2660	1000	2656.444	-15.17	-10
3	2660	2670	1000	2660.1	-17.34	-13
4	2670	2673.75	1000	2670.06	-37.59	-25

Band41(2545-2655) QAM16 BW=20MHz Channel=40240 RB Size=100 Position=#0



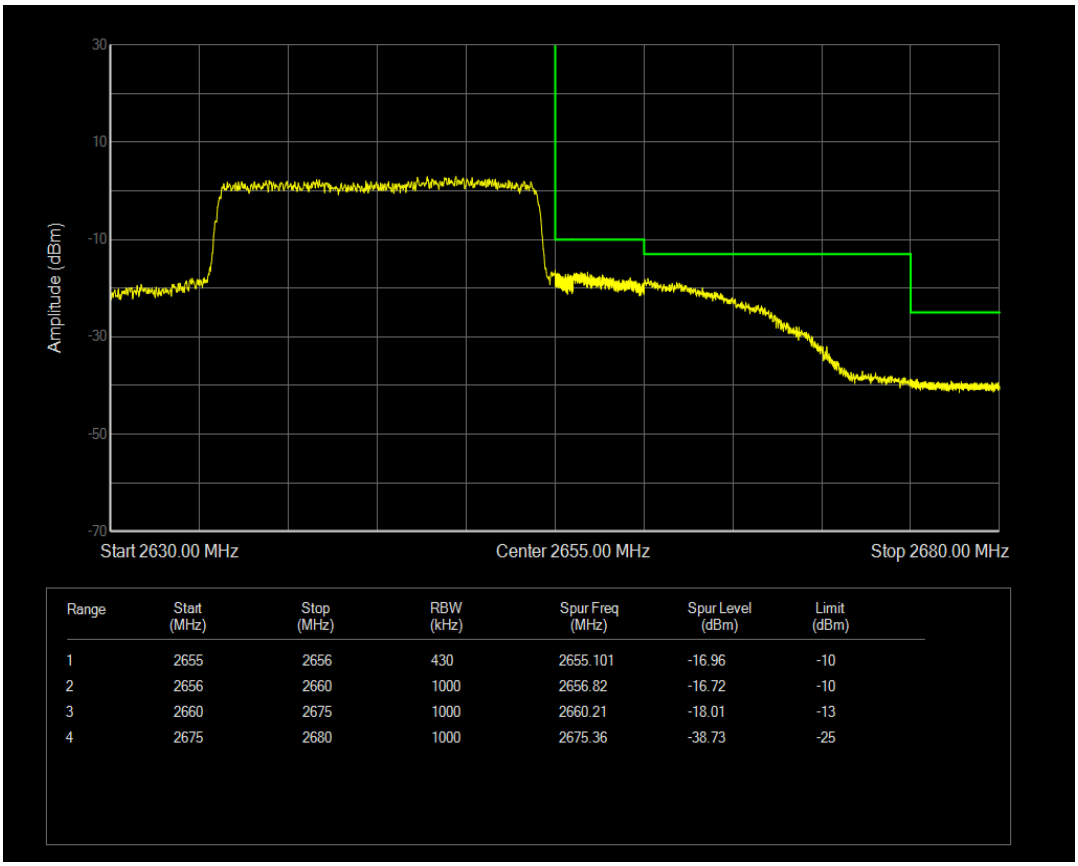
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2520	2525	1000	2524.805	-41.72	-25
2	2525	2540	1000	2539.76	-31.2	-13
3	2540	2544	1000	2543.892	-27.91	-10
4	2544	2545	430	2544.924	-31.56	-10

Band41(2545-2655) QPSK BW=20MHz Channel=40240 RB Size=100 Position=#0



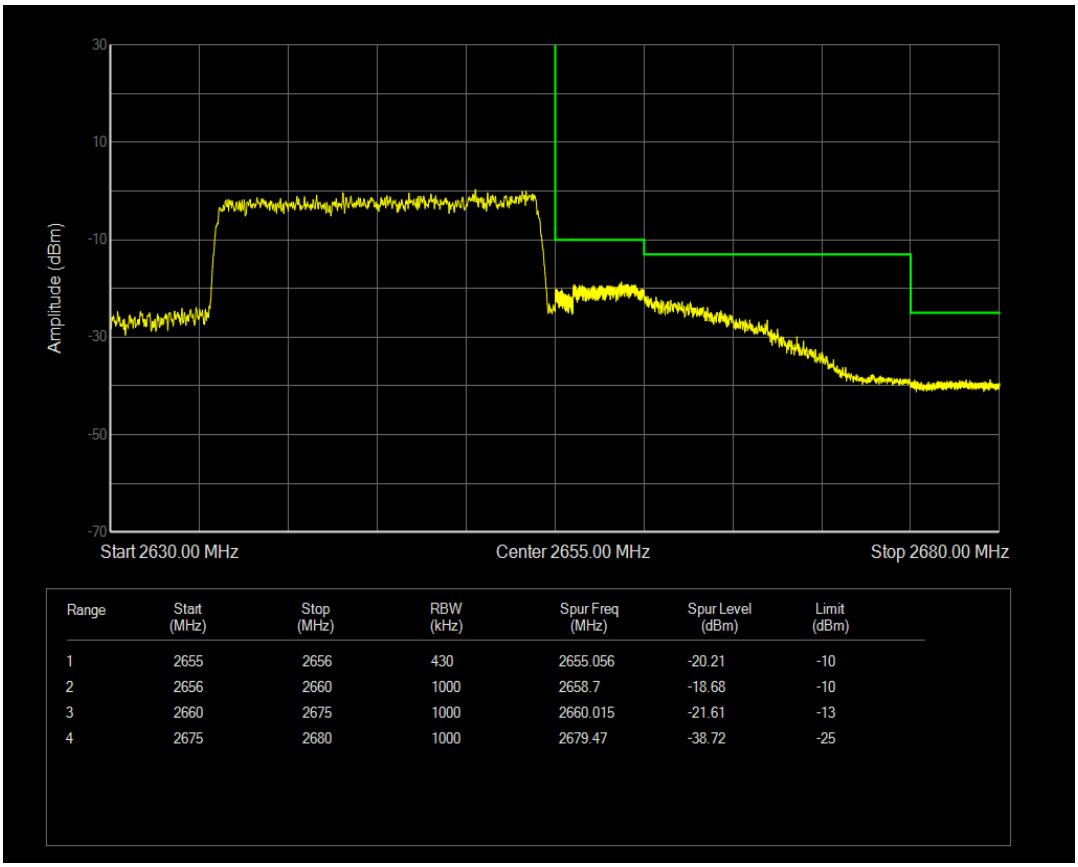
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2520	2525	1000	2521.03	-41.59	-25
2	2525	2540	1000	2539.31	-29.32	-13
3	2540	2544	1000	2543.96	-23.49	-10
4	2544	2545	430	2544.983	-27.17	-10

Band41(2545-2655) 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	2655	2656	430	2655.101	-16.96	-10
2	2656	2660	1000	2656.82	-16.72	-10
3	2660	2675	1000	2660.21	-18.01	-13
4	2675	2680	1000	2675.36	-38.73	-25

Band41(2545-2655) 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	2655	2656	430	2655.056	-20.21	-10
2	2656	2660	1000	2658.7	-18.68	-10
3	2660	2675	1000	2660.015	-21.61	-13
4	2675	2680	1000	2679.47	-38.72	-25

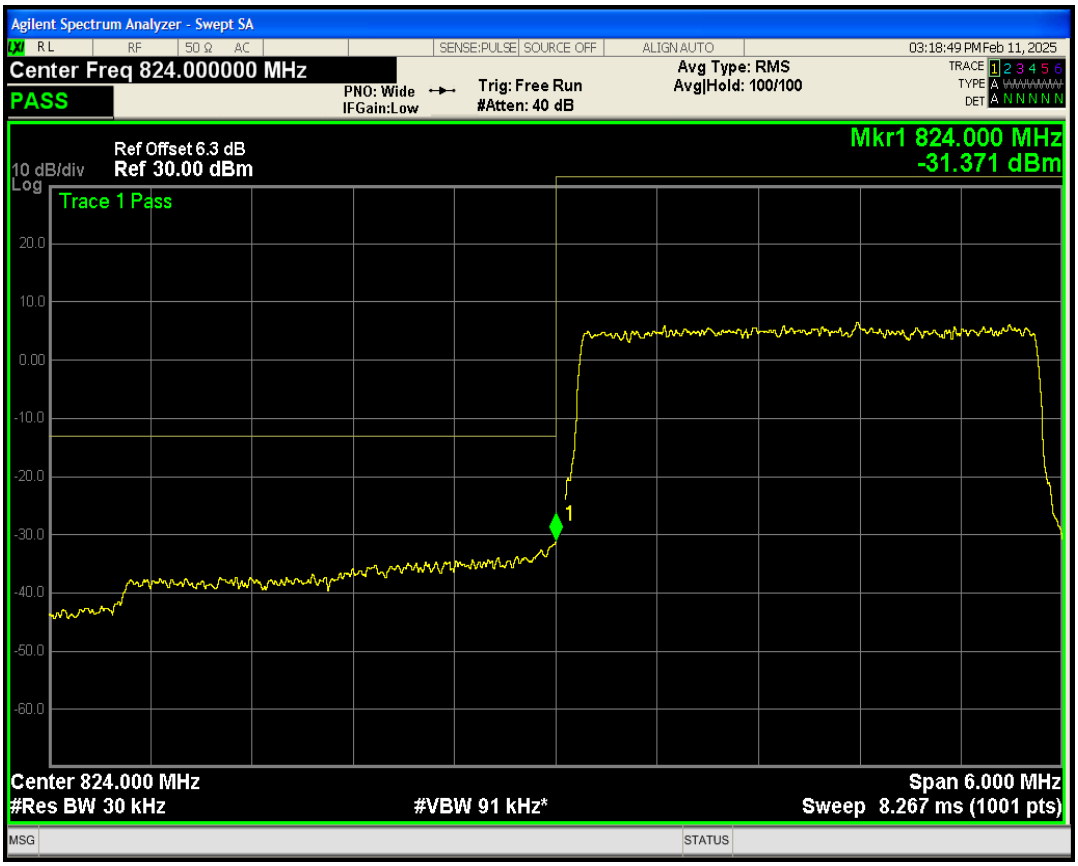
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

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

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

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

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

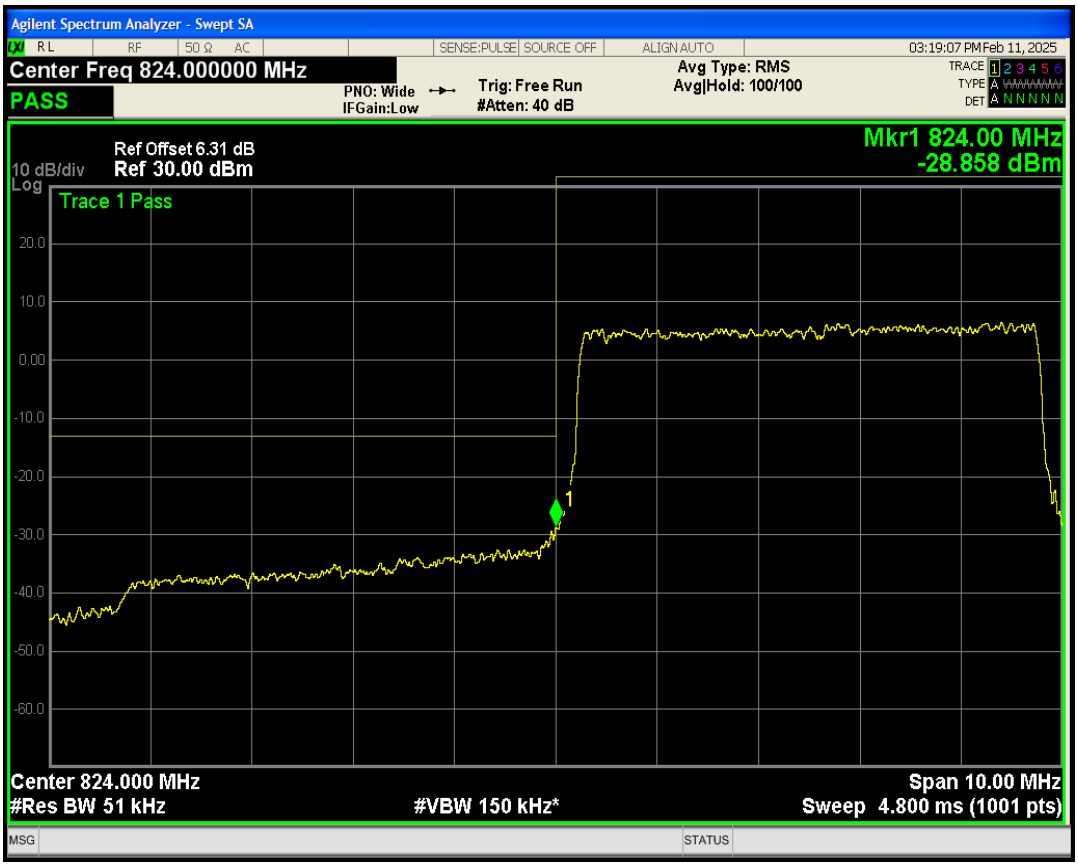


Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0

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

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

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



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

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

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

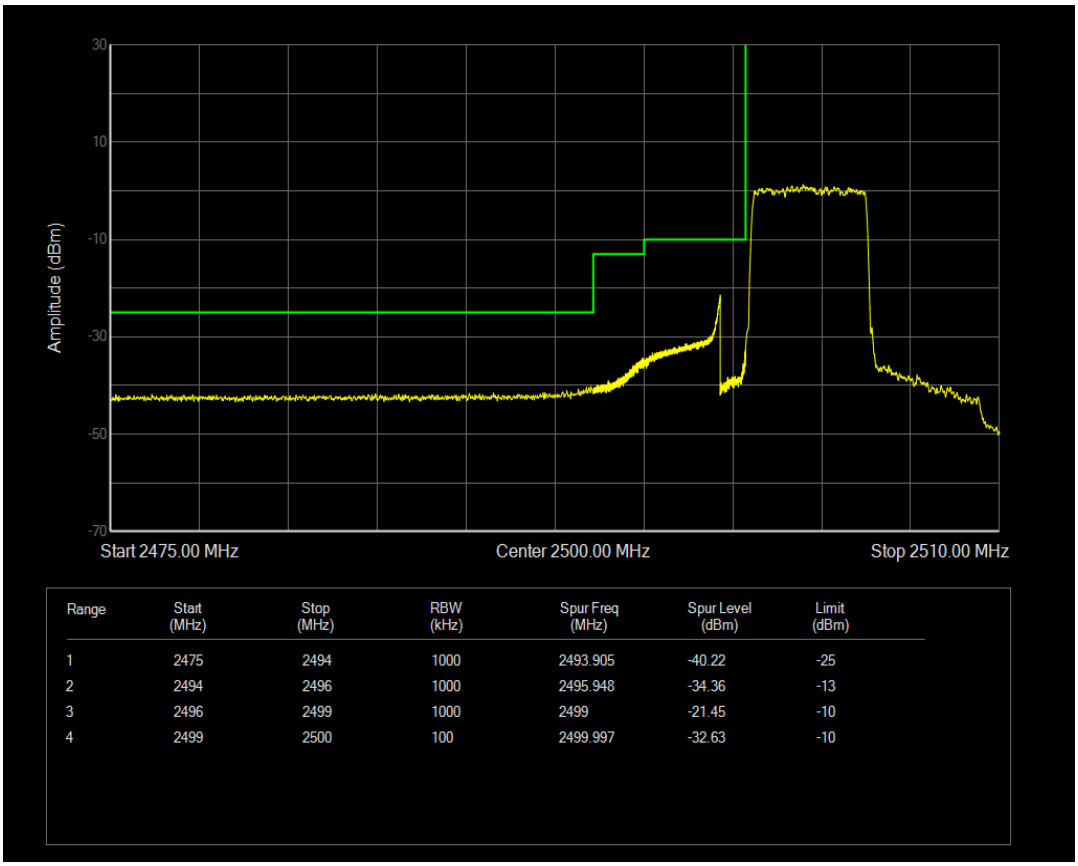
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0

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

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

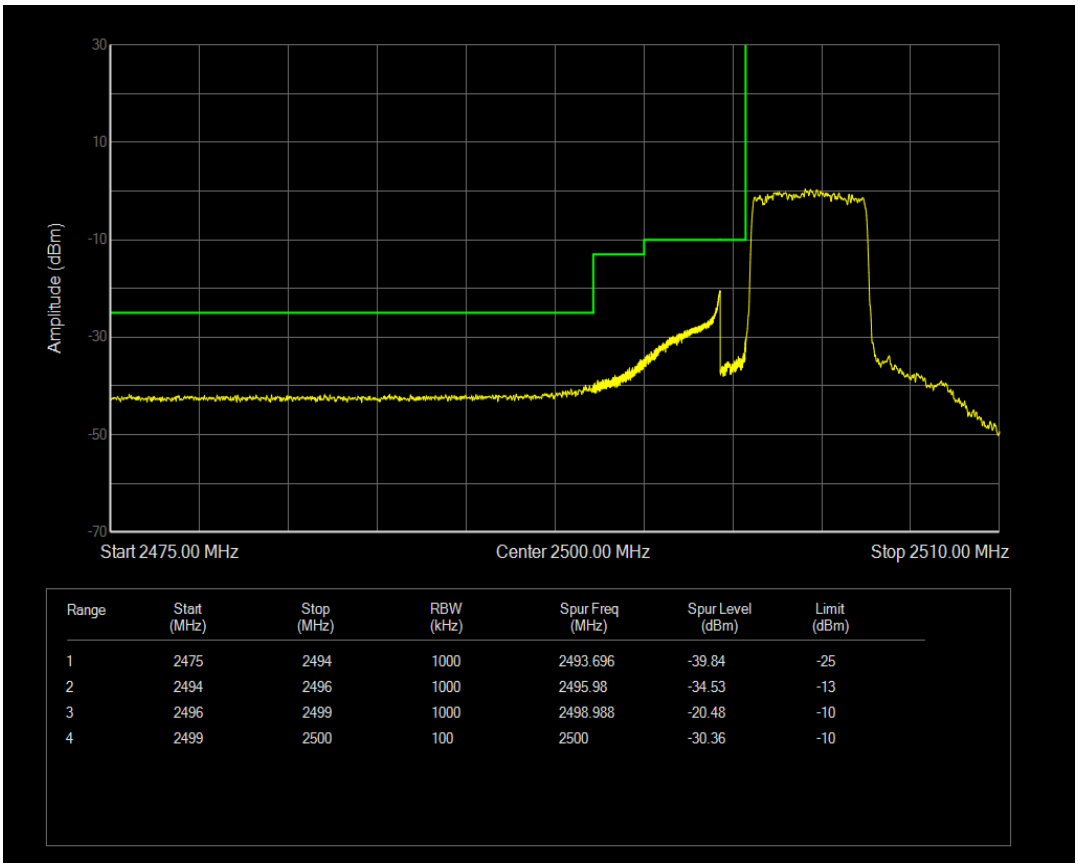
Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



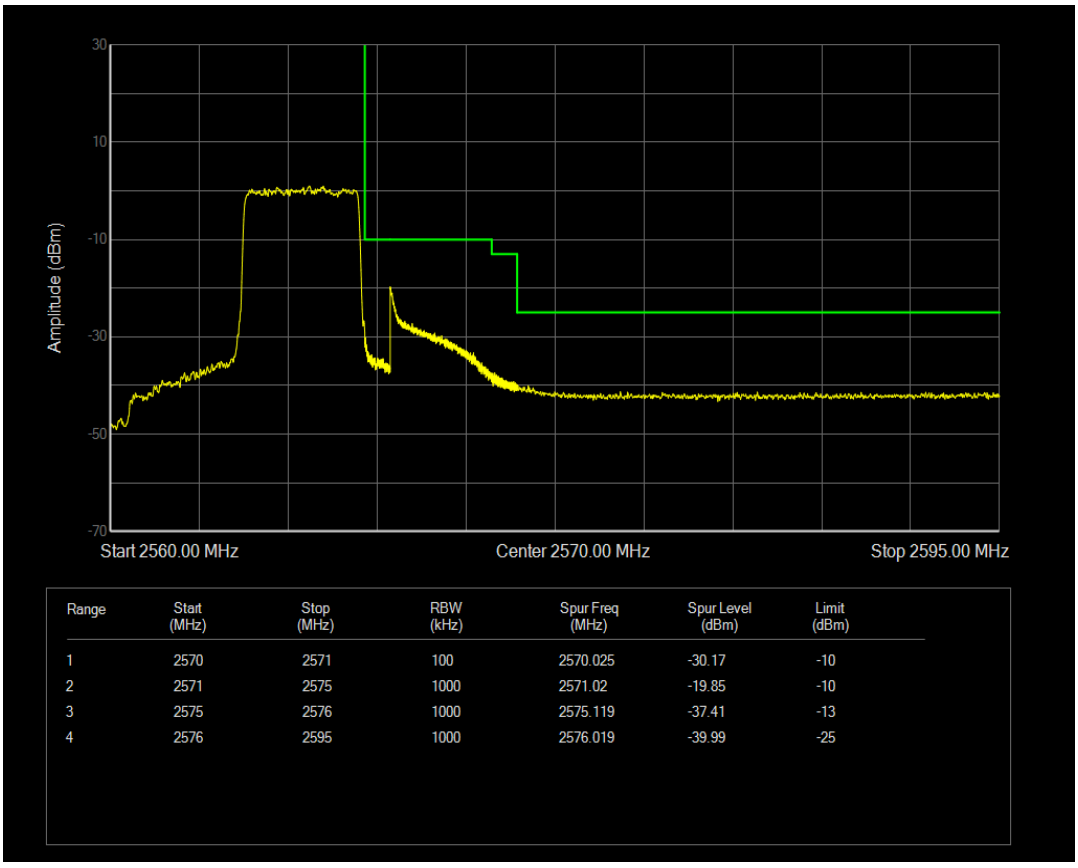
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.905	-40.22	-25
2	2494	2496	1000	2495.948	-34.36	-13
3	2496	2499	1000	2499	-21.45	-10
4	2499	2500	100	2499.997	-32.63	-10

Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



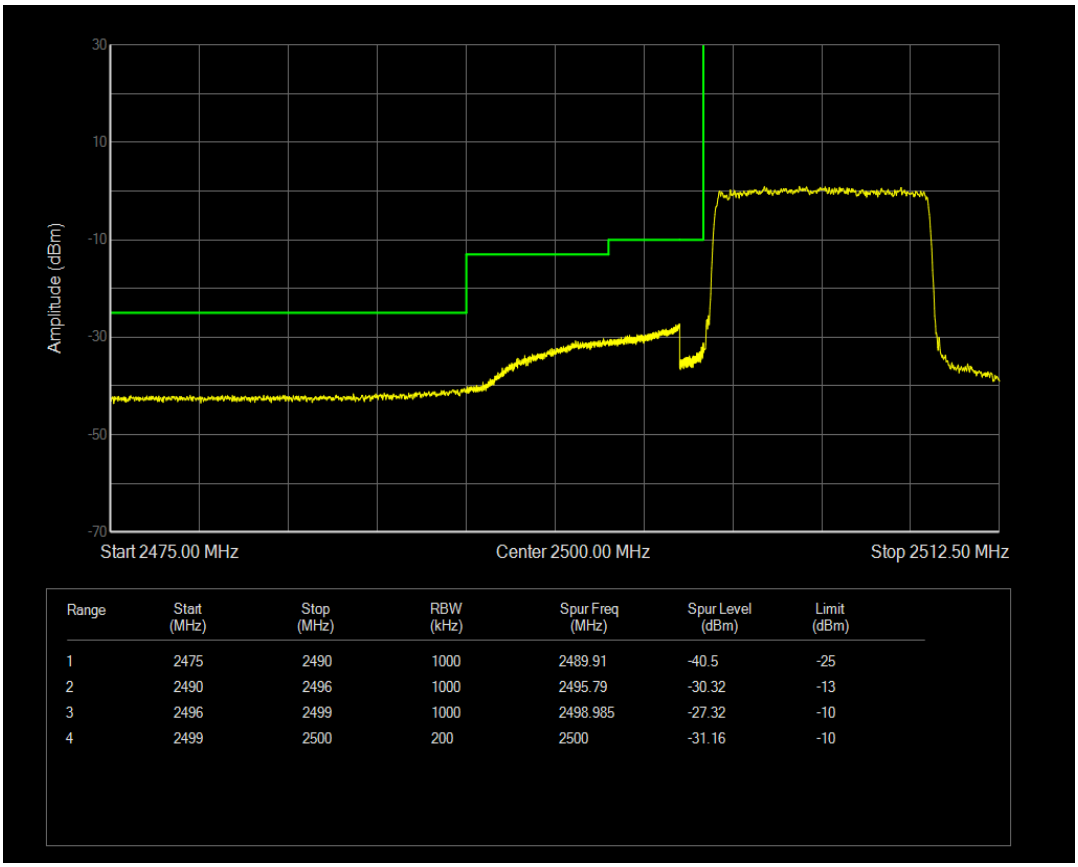
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.696	-39.84	-25
2	2494	2496	1000	2495.98	-34.53	-13
3	2496	2499	1000	2498.988	-20.48	-10
4	2499	2500	100	2500	-30.36	-10

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



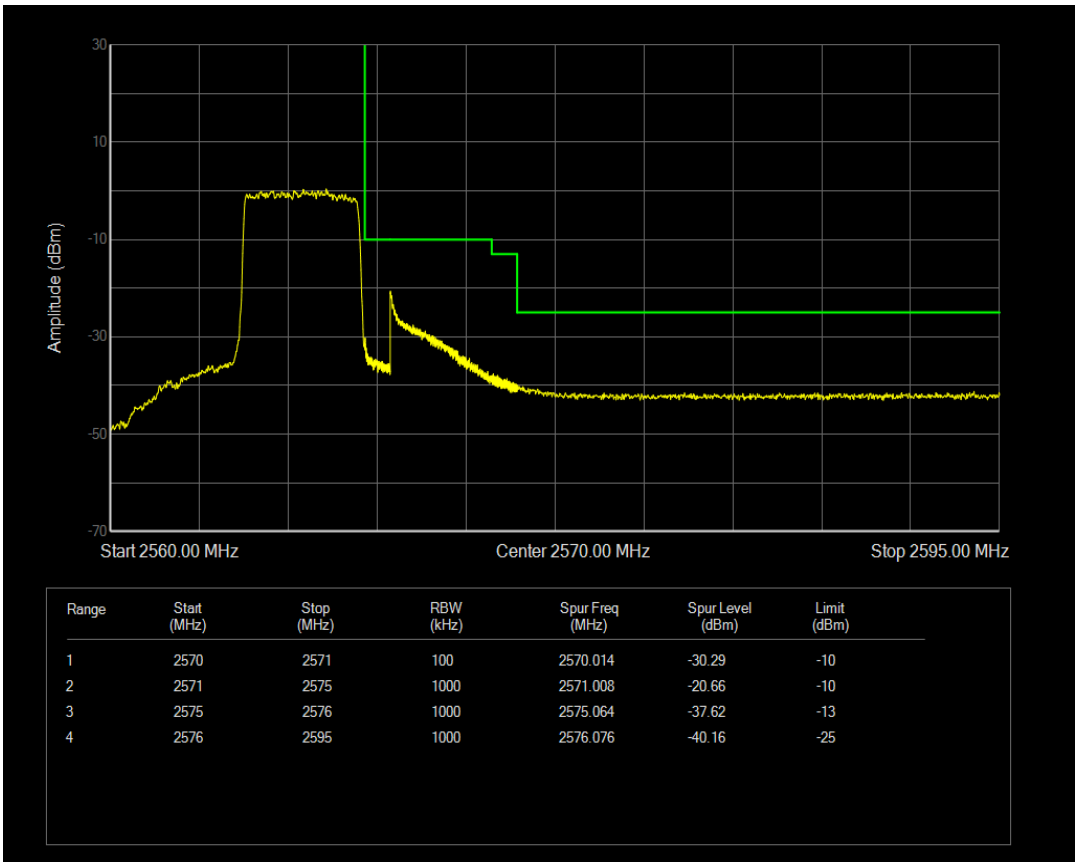
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.025	-30.17	-10
2	2571	2575	1000	2571.02	-19.85	-10
3	2575	2576	1000	2575.119	-37.41	-13
4	2576	2595	1000	2576.019	-39.99	-25

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



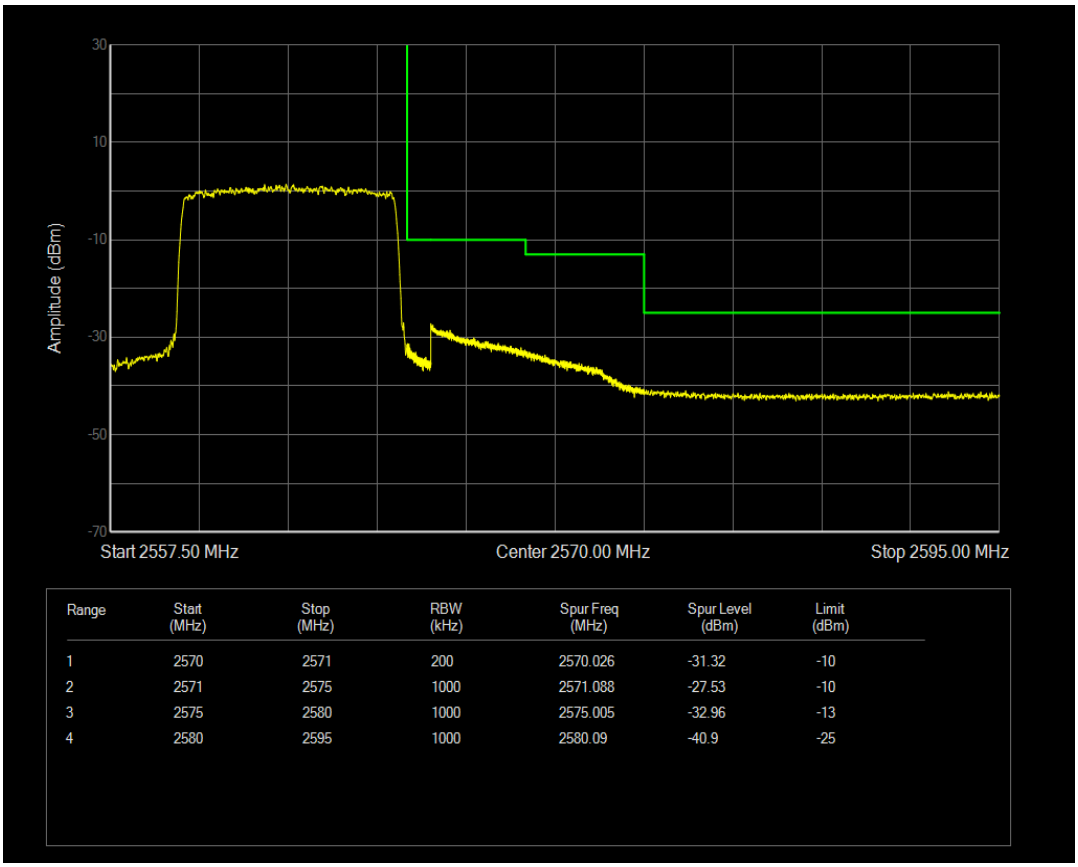
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.91	-40.5	-25
2	2490	2496	1000	2495.79	-30.32	-13
3	2496	2499	1000	2498.985	-27.32	-10
4	2499	2500	200	2500	-31.16	-10

Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



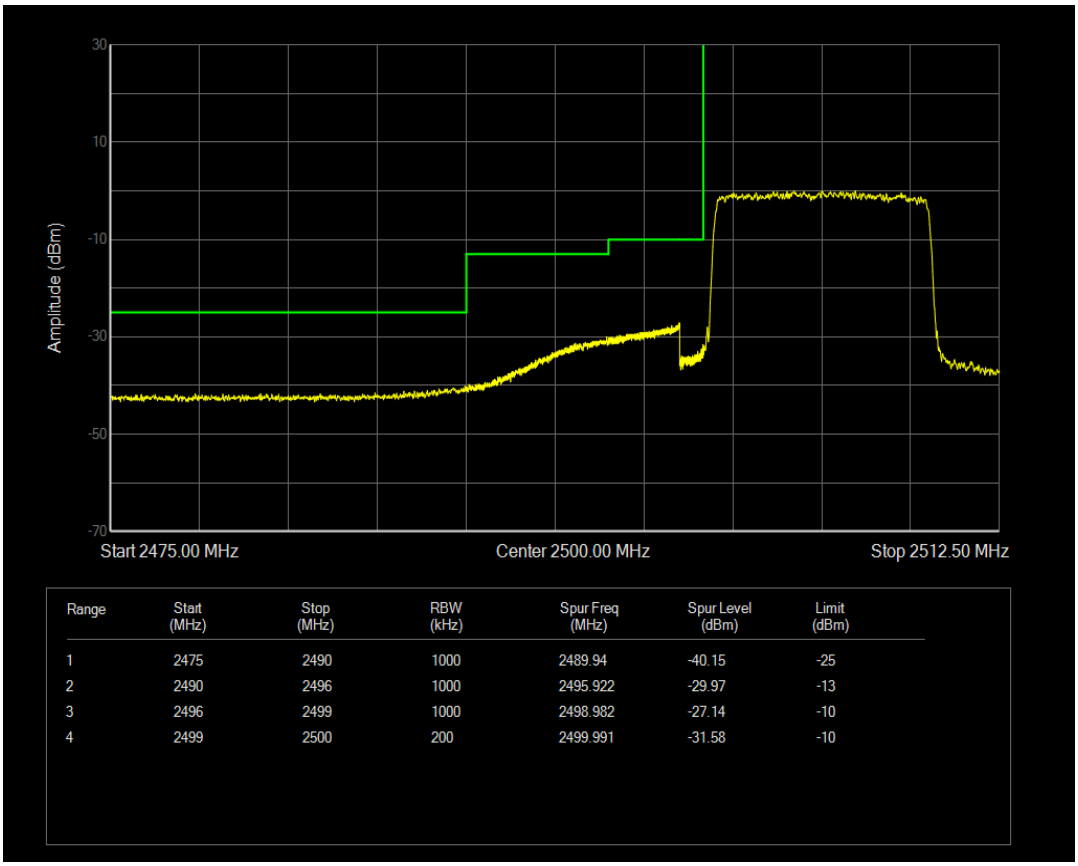
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.014	-30.29	-10
2	2571	2575	1000	2571.008	-20.66	-10
3	2575	2576	1000	2575.064	-37.62	-13
4	2576	2595	1000	2576.076	-40.16	-25

Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



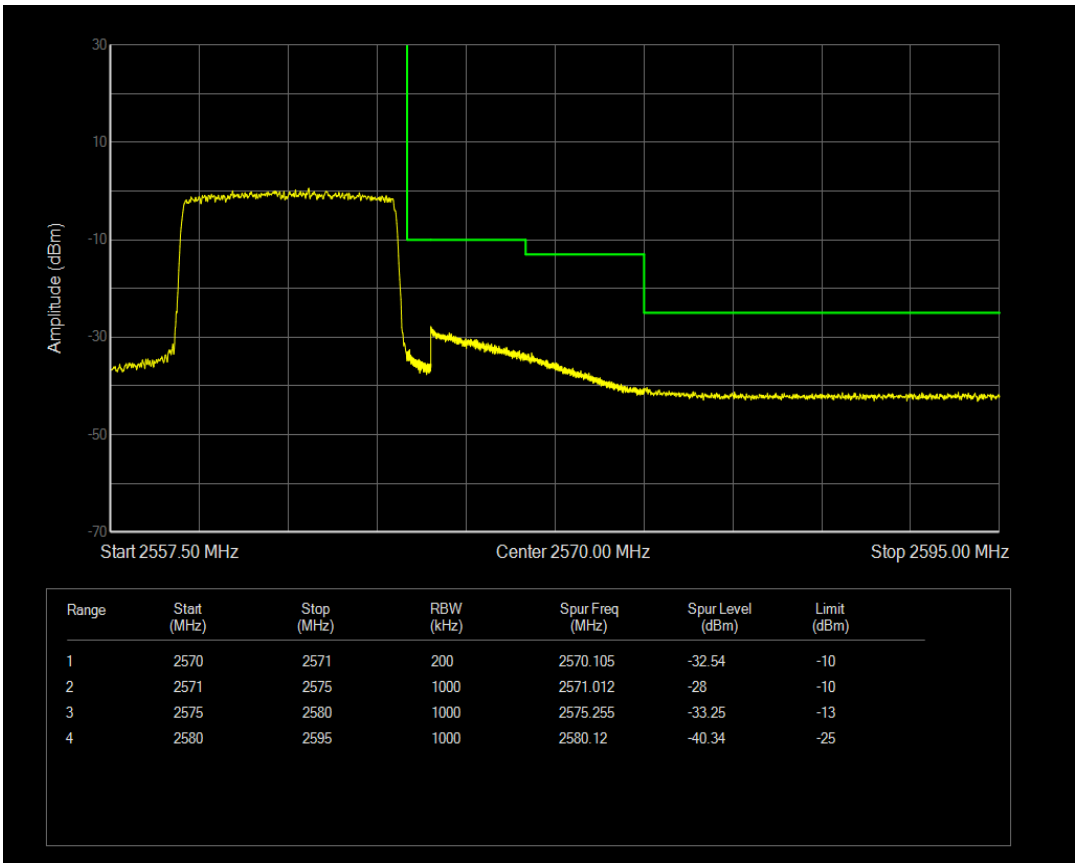
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.026	-31.32	-10
2	2571	2575	1000	2571.088	-27.53	-10
3	2575	2580	1000	2575.005	-32.96	-13
4	2580	2595	1000	2580.09	-40.9	-25

Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



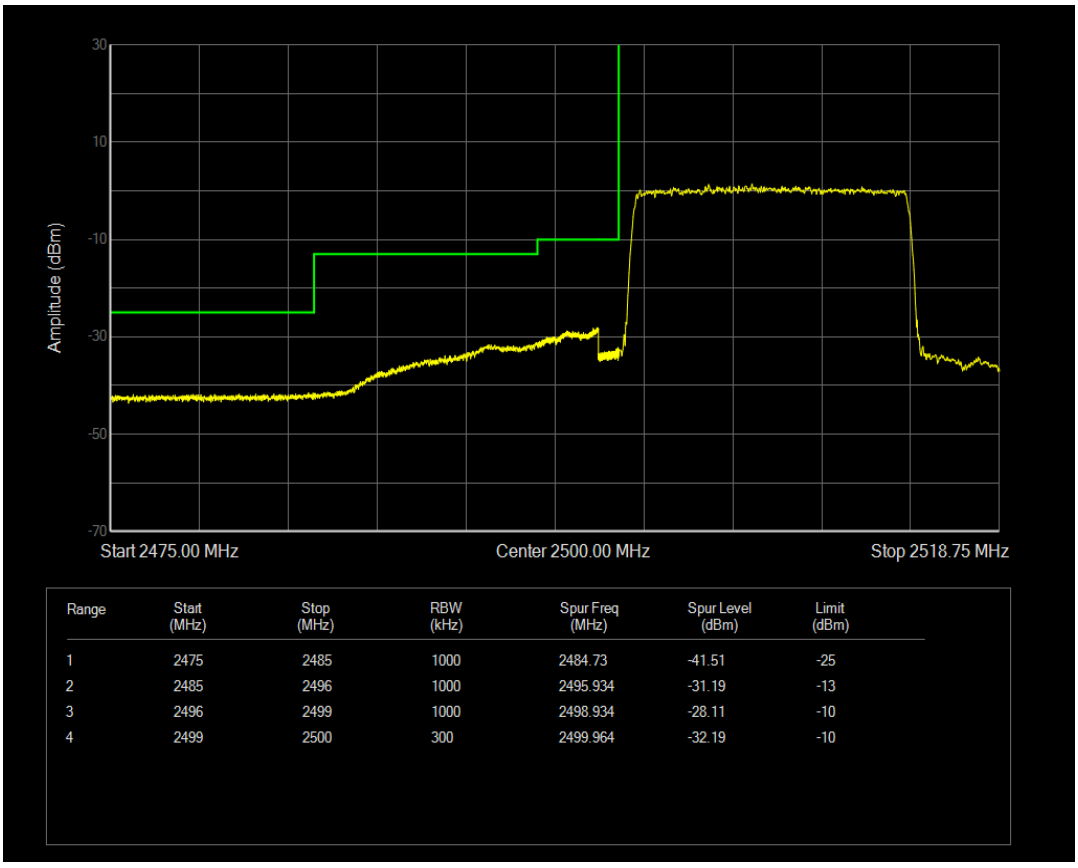
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.94	-40.15	-25
2	2490	2496	1000	2495.922	-29.97	-13
3	2496	2499	1000	2498.982	-27.14	-10
4	2499	2500	200	2499.991	-31.58	-10

Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



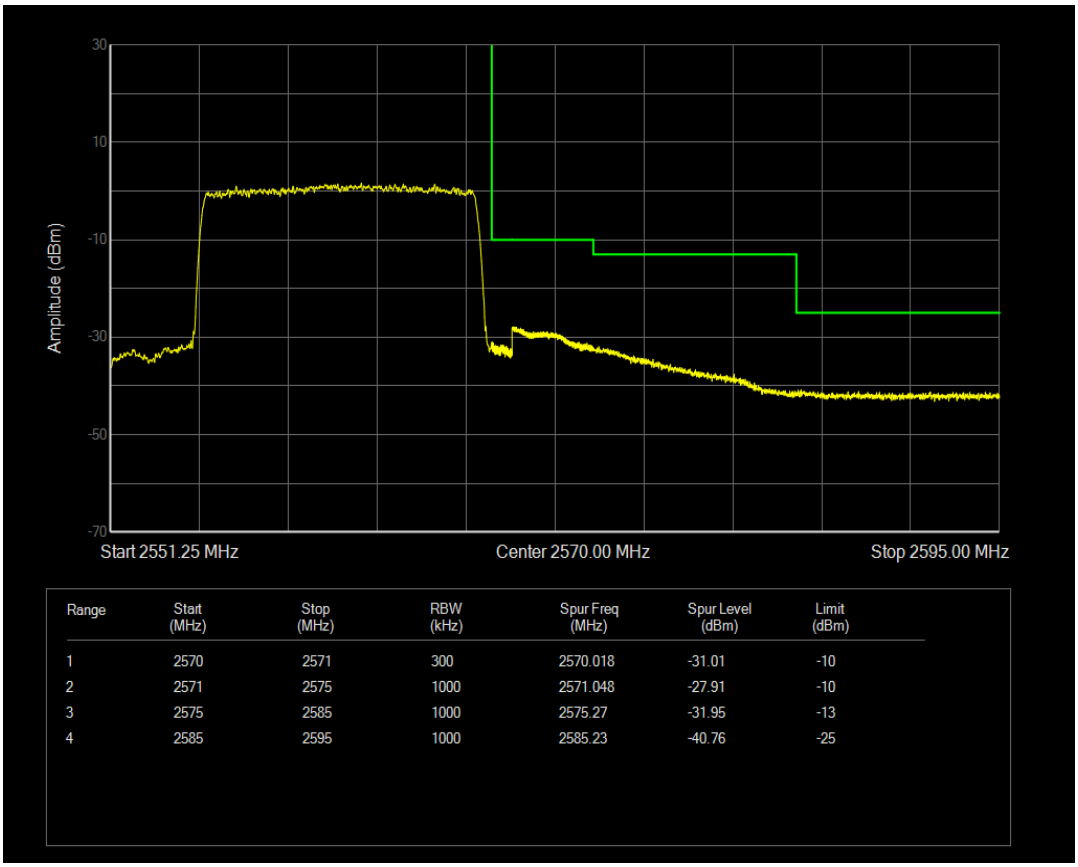
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.105	-32.54	-10
2	2571	2575	1000	2571.012	-28	-10
3	2575	2580	1000	2575.255	-33.25	-13
4	2580	2595	1000	2580.12	-40.34	-25

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



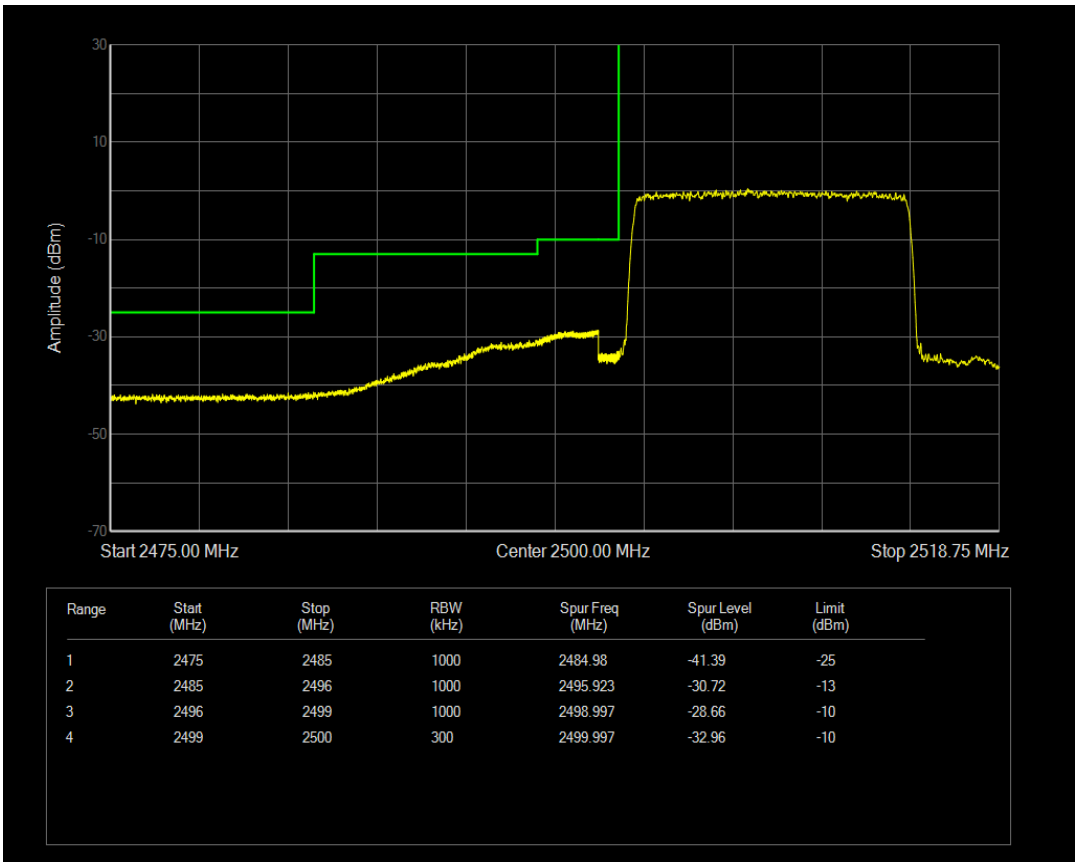
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.73	-41.51	-25
2	2485	2496	1000	2495.934	-31.19	-13
3	2496	2499	1000	2498.934	-28.11	-10
4	2499	2500	300	2499.964	-32.19	-10

Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



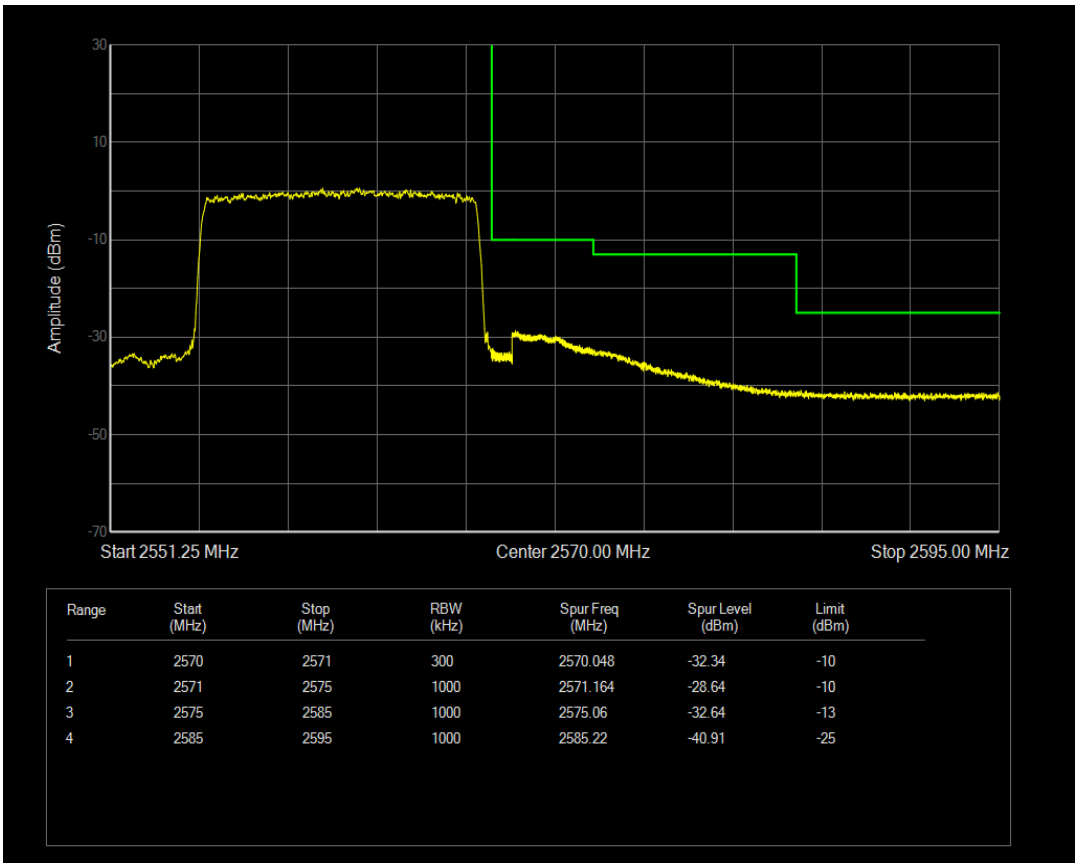
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.018	-31.01	-10
2	2571	2575	1000	2571.048	-27.91	-10
3	2575	2585	1000	2575.27	-31.95	-13
4	2585	2595	1000	2585.23	-40.76	-25

Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



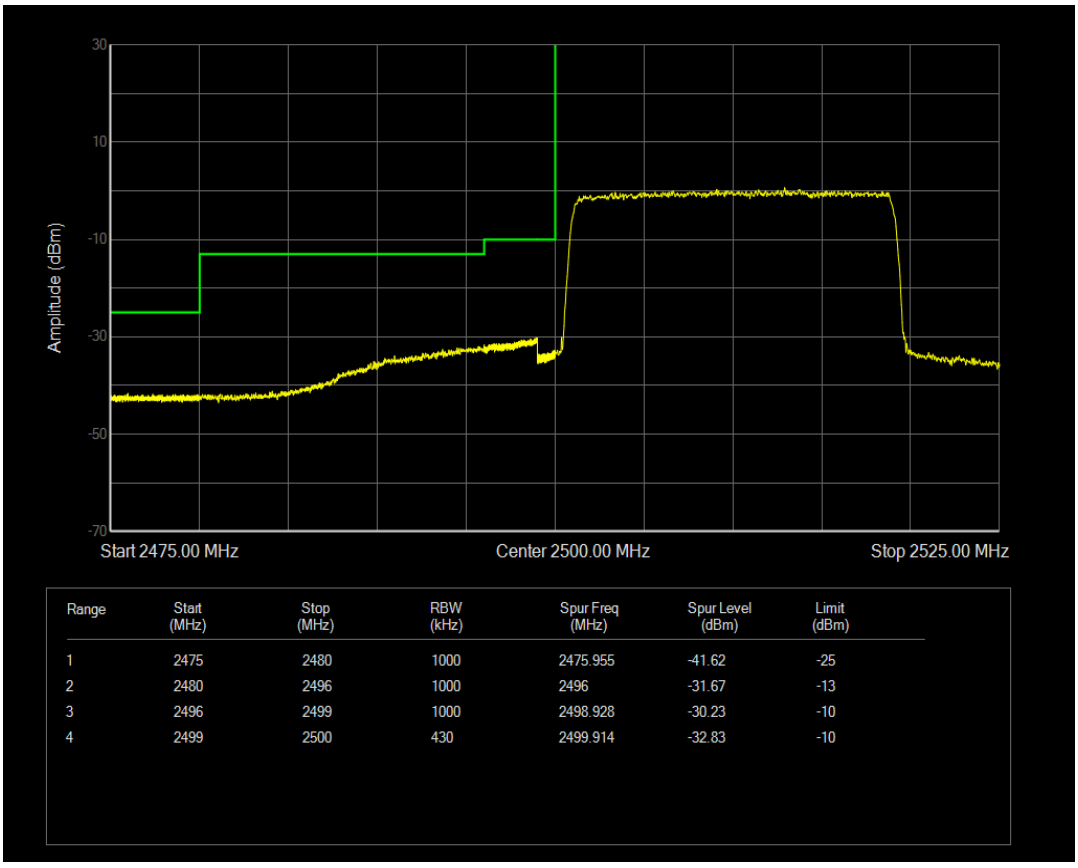
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.98	-41.39	-25
2	2485	2496	1000	2495.923	-30.72	-13
3	2496	2499	1000	2498.997	-28.66	-10
4	2499	2500	300	2499.997	-32.96	-10

Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



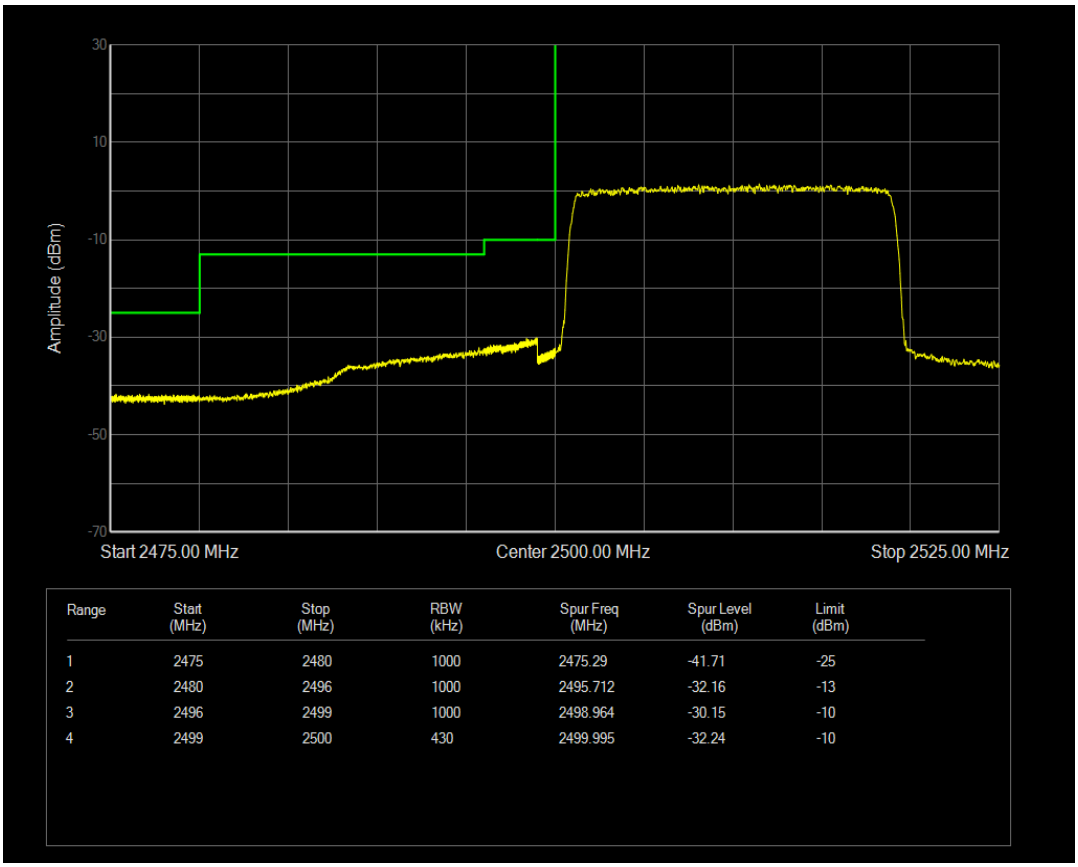
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.048	-32.34	-10
2	2571	2575	1000	2571.164	-28.64	-10
3	2575	2585	1000	2575.06	-32.64	-13
4	2585	2595	1000	2585.22	-40.91	-25

Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



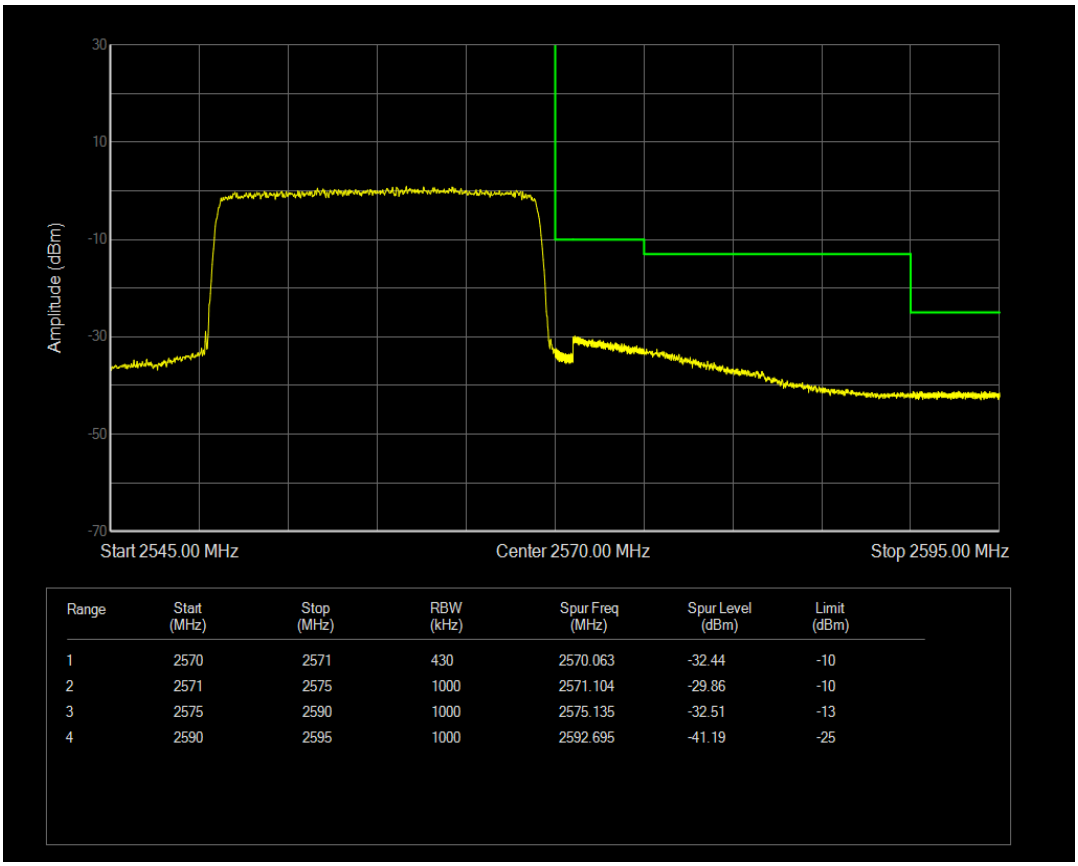
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.955	-41.62	-25
2	2480	2496	1000	2496	-31.67	-13
3	2496	2499	1000	2498.928	-30.23	-10
4	2499	2500	430	2499.914	-32.83	-10

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



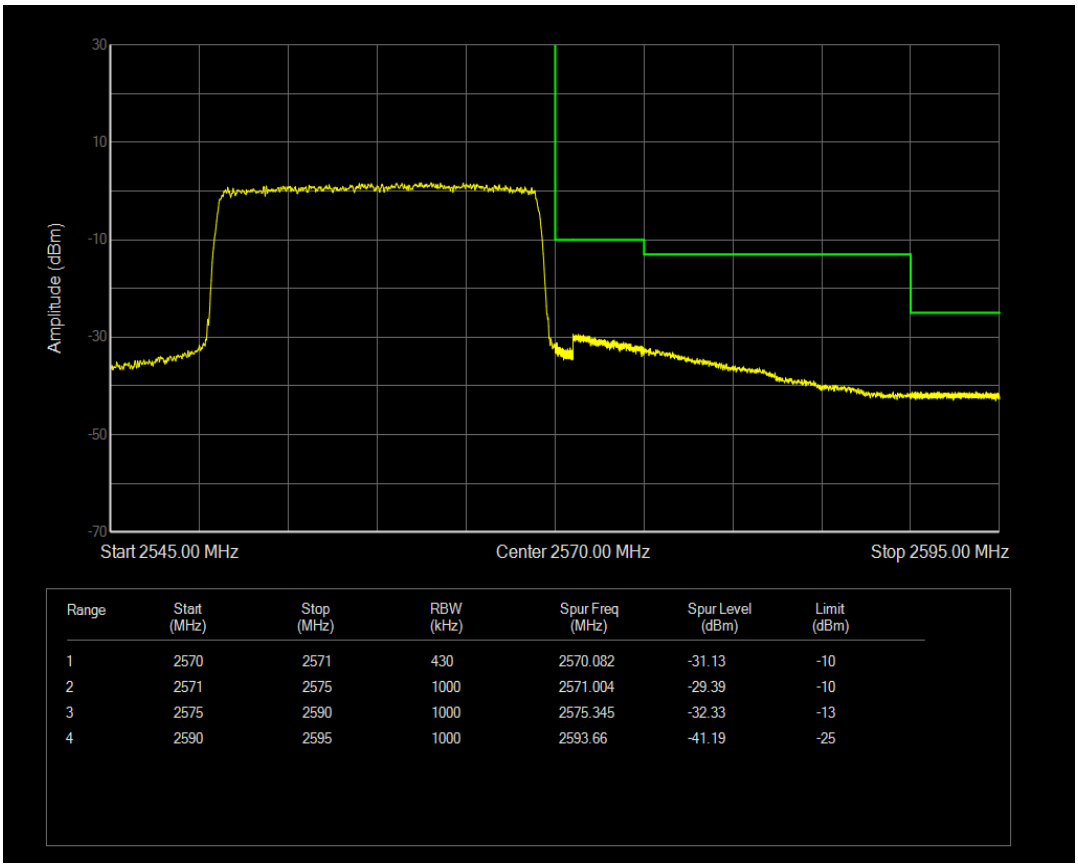
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.29	-41.71	-25
2	2480	2496	1000	2495.712	-32.16	-13
3	2496	2499	1000	2498.964	-30.15	-10
4	2499	2500	430	2499.995	-32.24	-10

Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.063	-32.44	-10
2	2571	2575	1000	2571.104	-29.86	-10
3	2575	2590	1000	2575.135	-32.51	-13
4	2590	2595	1000	2592.695	-41.19	-25

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



6 Out-of-band emissions

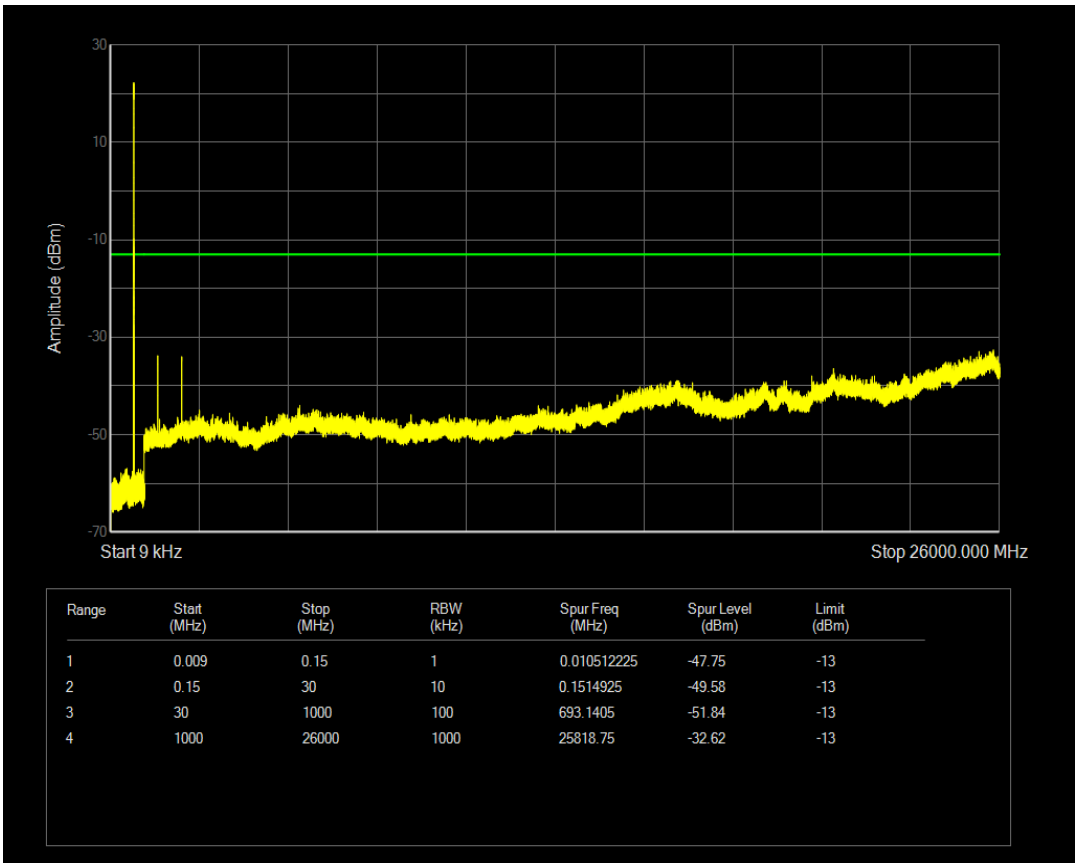
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25818.75	-32.62	-13	PASS
Band12	1.4	23017	6	#0	QAM16	25826.25	-32.09	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25745.00	-32.64	-13	PASS
Band12	1.4	23173	6	#0	QAM16	25685.63	-32.39	-13	PASS
Band12	3	23025	15	#0	QPSK	25670.00	-32.74	-13	PASS
Band12	3	23025	15	#0	QAM16	25828.13	-32.09	-13	PASS
Band12	3	23165	15	#0	QPSK	25850.00	-32.58	-13	PASS
Band12	3	23165	15	#0	QAM16	25735.63	-32.05	-13	PASS
Band12	5	23035	25	#0	QPSK	25762.50	-32.21	-13	PASS
Band12	5	23035	25	#0	QAM16	25676.88	-32.35	-13	PASS
Band12	5	23155	25	#0	QPSK	25820.63	-32.24	-13	PASS
Band12	5	23155	25	#0	QAM16	25648.75	-31.96	-13	PASS
Band12	10	23060	50	#0	QPSK	25716.88	-32.76	-13	PASS
Band12	10	23060	50	#0	QAM16	25810.00	-32.46	-13	PASS
Band12	10	23130	50	#0	QPSK	25784.38	-32.42	-13	PASS
Band12	10	23130	50	#0	QAM16	25648.13	-31.78	-13	PASS
Band17	5	23755	25	#0	QPSK	25743.75	-31.57	-13	PASS
Band17	5	23755	25	#0	QAM16	25728.13	-31.97	-13	PASS
Band17	5	23825	25	#0	QPSK	25775.00	-31.84	-13	PASS
Band17	5	23825	25	#0	QAM16	25830.63	-32.42	-13	PASS

Band17	10	23780	50	#0	QPSK	25825.00	-32.41	-13	PASS
Band17	10	23780	50	#0	QAM16	25780.63	-32.23	-13	PASS
Band17	10	23800	50	#0	QPSK	25794.38	-31.77	-13	PASS
Band17	10	23800	50	#0	QAM16	25763.13	-32.37	-13	PASS
Band2	1.4	18607	6	#0	QPSK	25713.13	-31.07	-13	PASS
Band2	1.4	18607	6	#0	QAM16	25770.63	-31.82	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25790.63	-30.61	-13	PASS
Band2	1.4	19193	6	#0	QAM16	25713.13	-31.58	-13	PASS
Band2	3	18615	15	#0	QPSK	25769.38	-31.33	-13	PASS
Band2	3	18615	15	#0	QAM16	25746.25	-31.82	-13	PASS
Band2	3	19185	15	#0	QPSK	25806.88	-31.57	-13	PASS
Band2	3	19185	15	#0	QAM16	25786.88	-31.32	-13	PASS
Band2	5	18625	25	#0	QPSK	25794.38	-31.12	-13	PASS
Band2	5	18625	25	#0	QAM16	25734.38	-31.10	-13	PASS
Band2	5	19175	25	#0	QPSK	25841.25	-31.20	-13	PASS
Band2	5	19175	25	#0	QAM16	25758.75	-32.29	-13	PASS
Band2	10	18650	50	#0	QPSK	25676.25	-30.92	-13	PASS
Band2	10	18650	50	#0	QAM16	25878.13	-31.59	-13	PASS
Band2	10	19150	50	#0	QPSK	25779.38	-30.76	-13	PASS
Band2	10	19150	50	#0	QAM16	5100.00	-30.79	-13	PASS
Band2	15	18675	75	#0	QPSK	25604.38	-30.83	-13	PASS
Band2	15	18675	75	#0	QAM16	25663.75	-31.48	-13	PASS
Band2	15	19125	75	#0	QPSK	25795.00	-31.12	-13	PASS
Band2	15	19125	75	#0	QAM16	25872.50	-30.80	-13	PASS
Band2	20	18700	100	#0	QPSK	25838.75	-31.44	-13	PASS
Band2	20	18700	100	#0	QAM16	5820.63	-28.23	-13	PASS
Band2	20	19100	100	#0	QPSK	5176.88	-27.94	-13	PASS
Band2	20	19100	100	#0	QAM16	25779.38	-31.22	-13	PASS
Band38	5	37775	25	#0	QPSK	25735.00	-31.33	-25	PASS
Band38	5	37775	25	#0	QAM16	25723.75	-30.58	-25	PASS
Band38	5	38225	25	#0	QPSK	25683.13	-31.31	-25	PASS
Band38	5	38225	25	#0	QAM16	25715.00	-29.50	-25	PASS
Band38	10	37800	50	#0	QPSK	25828.13	-30.60	-25	PASS
Band38	10	37800	50	#0	QAM16	25438.75	-30.93	-25	PASS
Band38	10	38200	50	#0	QPSK	25791.88	-30.35	-25	PASS
Band38	10	38200	50	#0	QAM16	25815.00	-31.24	-25	PASS
Band38	15	37825	75	#0	QPSK	2196.88	-30.89	-25	PASS
Band38	15	37825	75	#0	QAM16	25810.00	-30.76	-25	PASS
Band38	15	38175	75	#0	QPSK	25650.00	-31.41	-25	PASS
Band38	15	38175	75	#0	QAM16	25713.13	-30.86	-25	PASS
Band38	20	37850	100	#0	QPSK	2202.50	-27.73	-25	PASS
Band38	20	37850	100	#0	QAM16	25723.13	-29.86	-25	PASS
Band38	20	38150	100	#0	QPSK	25675.63	-30.41	-25	PASS
Band38	20	38150	100	#0	QAM16	25810.00	-31.37	-25	PASS

Band4	1.4	19957	6	#0	QPSK	25795.00	-31.43	-13	PASS
Band4	1.4	19957	6	#0	QAM16	25807.50	-31.34	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25776.88	-30.98	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1768.75	-14.18	-13	PASS
Band4	3	19965	15	#0	QPSK	25830.00	-31.52	-13	PASS
Band4	3	19965	15	#0	QAM16	5821.25	-29.98	-13	PASS
Band4	3	20385	15	#0	QPSK	5176.25	-30.78	-13	PASS
Band4	3	20385	15	#0	QAM16	25854.38	-30.66	-13	PASS
Band4	5	19975	25	#0	QPSK	25414.38	-31.71	-13	PASS
Band4	5	19975	25	#0	QAM16	5186.25	-20.53	-13	PASS
Band4	5	20375	25	#0	QPSK	5831.88	-26.73	-13	PASS
Band4	5	20375	25	#0	QAM16	25798.75	-31.14	-13	PASS
Band4	10	20000	50	#0	QPSK	25784.38	-31.03	-13	PASS
Band4	10	20000	50	#0	QAM16	5829.38	-28.27	-13	PASS
Band4	10	20350	50	#0	QPSK	5178.13	-20.58	-13	PASS
Band4	10	20350	50	#0	QAM16	25861.25	-31.01	-13	PASS
Band4	15	20025	75	#0	QPSK	5832.50	-28.12	-13	PASS
Band4	15	20025	75	#0	QAM16	5175.63	-26.44	-13	PASS
Band4	15	20325	75	#0	QPSK	25711.25	-30.98	-13	PASS
Band4	15	20325	75	#0	QAM16	5830.63	-28.50	-13	PASS
Band4	20	20050	100	#0	QPSK	25673.75	-31.40	-13	PASS
Band4	20	20050	100	#0	QAM16	5176.25	-25.06	-13	PASS
Band4	20	20300	100	#0	QPSK	25781.25	-31.50	-13	PASS
Band4	20	20300	100	#0	QAM16	25690.00	-31.47	-13	PASS
Band40a	5	38725	25	#0	QPSK	4613.75	-44.05	-40	PASS
Band40a	5	38725	25	#0	QAM16	0.01	-45.81	-40	PASS
Band40a	5	38775	25	#0	QPSK	0.01	-46.33	-40	PASS
Band40a	5	38775	25	#0	QAM16	0.01	-46.97	-40	PASS
Band40a	10	38750	50	#0	QPSK	0.01	-47.35	-40	PASS
Band40a	10	38750	50	#0	QAM16	6933.75	-43.98	-40	PASS
Band40b	5	39175	25	#0	QPSK	0.01	-43.88	-40	PASS
Band40b	5	39175	25	#0	QAM16	0.03	-44.31	-40	PASS
Band40b	5	39225	25	#0	QPSK	2383.75	-40.73	-40	PASS
Band40b	5	39225	25	#0	QAM16	0.01	-44.07	-40	PASS
Band40b	10	39200	50	#0	QPSK	0.01	-44.71	-40	PASS
Band40b	10	39200	50	#0	QAM16	0.01	-45.42	-40	PASS
Band41(2545-2655)	5	40165	25	#0	QPSK	25803.75	-31.29	-25	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	25819.38	-30.99	-25	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	25813.75	-31.03	-25	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	25740.63	-31.24	-25	PASS
Band41(2545-2655)	10	40190	50	#0	QPSK	25732.50	-31.04	-25	PASS
Band41(2545-2655)	10	40190	50	#0	QAM16	25691.25	-31.41	-25	PASS
Band41(2545-2655)	10	41190	50	#0	QPSK	25828.75	-30.53	-25	PASS
Band41(2545-2655)	10	41190	50	#0	QAM16	25636.88	-31.16	-25	PASS

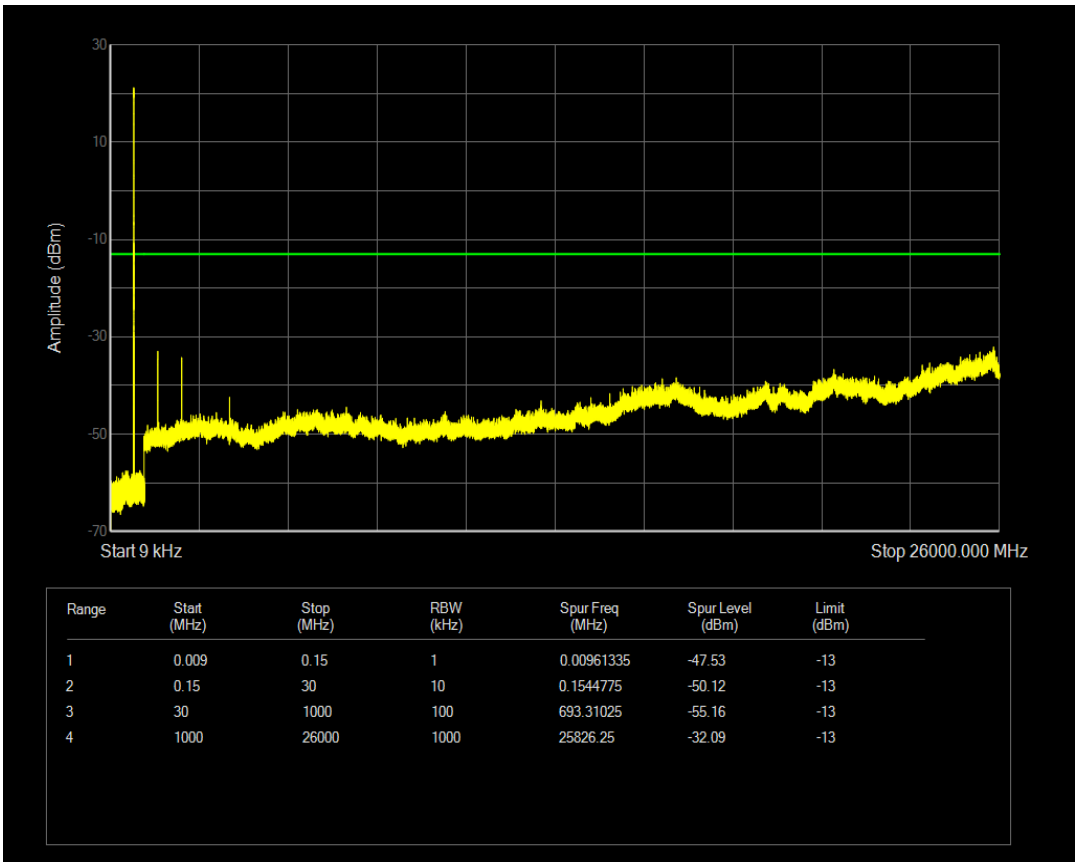
Band41(2545-2655)	15	40215	75	#0	QPSK	25441.88	-30.29	-25	PASS
Band41(2545-2655)	15	40215	75	#0	QAM16	25710.00	-30.99	-25	PASS
Band41(2545-2655)	15	41165	75	#0	QPSK	25776.25	-30.51	-25	PASS
Band41(2545-2655)	15	41165	75	#0	QAM16	25411.25	-31.17	-25	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	25612.50	-31.23	-25	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	25733.13	-30.36	-25	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	25741.88	-31.13	-25	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	25749.38	-30.74	-25	PASS
Band5	1.4	20407	6	#0	QPSK	1650.00	-28.87	-13	PASS
Band5	1.4	20407	6	#0	QAM16	2474.38	-28.06	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25824.38	-32.48	-13	PASS
Band5	1.4	20643	6	#0	QAM16	25778.13	-32.38	-13	PASS
Band5	3	20415	15	#0	QPSK	25861.88	-31.74	-13	PASS
Band5	3	20415	15	#0	QAM16	25780.00	-32.46	-13	PASS
Band5	3	20635	15	#0	QPSK	25444.38	-32.76	-13	PASS
Band5	3	20635	15	#0	QAM16	25780.00	-32.42	-13	PASS
Band5	5	20425	25	#0	QPSK	25795.63	-32.25	-13	PASS
Band5	5	20425	25	#0	QAM16	25687.50	-31.98	-13	PASS
Band5	5	20625	25	#0	QPSK	25751.25	-31.95	-13	PASS
Band5	5	20625	25	#0	QAM16	25778.75	-32.25	-13	PASS
Band5	10	20450	50	#0	QPSK	25756.25	-32.14	-13	PASS
Band5	10	20450	50	#0	QAM16	25735.63	-32.18	-13	PASS
Band5	10	20600	50	#0	QPSK	25763.13	-32.56	-13	PASS
Band5	10	20600	50	#0	QAM16	25785.00	-32.32	-13	PASS
Band7	5	20775	25	#0	QPSK	25796.25	-31.14	-25	PASS
Band7	5	20775	25	#0	QAM16	25412.50	-30.69	-25	PASS
Band7	5	21425	25	#0	QPSK	25774.38	-31.21	-25	PASS
Band7	5	21425	25	#0	QAM16	25683.75	-30.68	-25	PASS
Band7	10	20800	50	#0	QPSK	25742.50	-31.14	-25	PASS
Band7	10	20800	50	#0	QAM16	25715.63	-30.75	-25	PASS
Band7	10	21400	50	#0	QPSK	25695.63	-31.00	-25	PASS
Band7	10	21400	50	#0	QAM16	25799.38	-31.27	-25	PASS
Band7	15	20825	75	#0	QPSK	25820.63	-31.13	-25	PASS
Band7	15	20825	75	#0	QAM16	25688.75	-30.63	-25	PASS
Band7	15	21375	75	#0	QPSK	25766.25	-31.07	-25	PASS
Band7	15	21375	75	#0	QAM16	25786.88	-30.44	-25	PASS
Band7	20	20850	100	#0	QPSK	25750.00	-30.92	-25	PASS
Band7	20	20850	100	#0	QAM16	25748.13	-30.50	-25	PASS
Band7	20	21350	100	#0	QPSK	25783.13	-30.58	-25	PASS
Band7	20	21350	100	#0	QAM16	25807.50	-31.07	-25	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



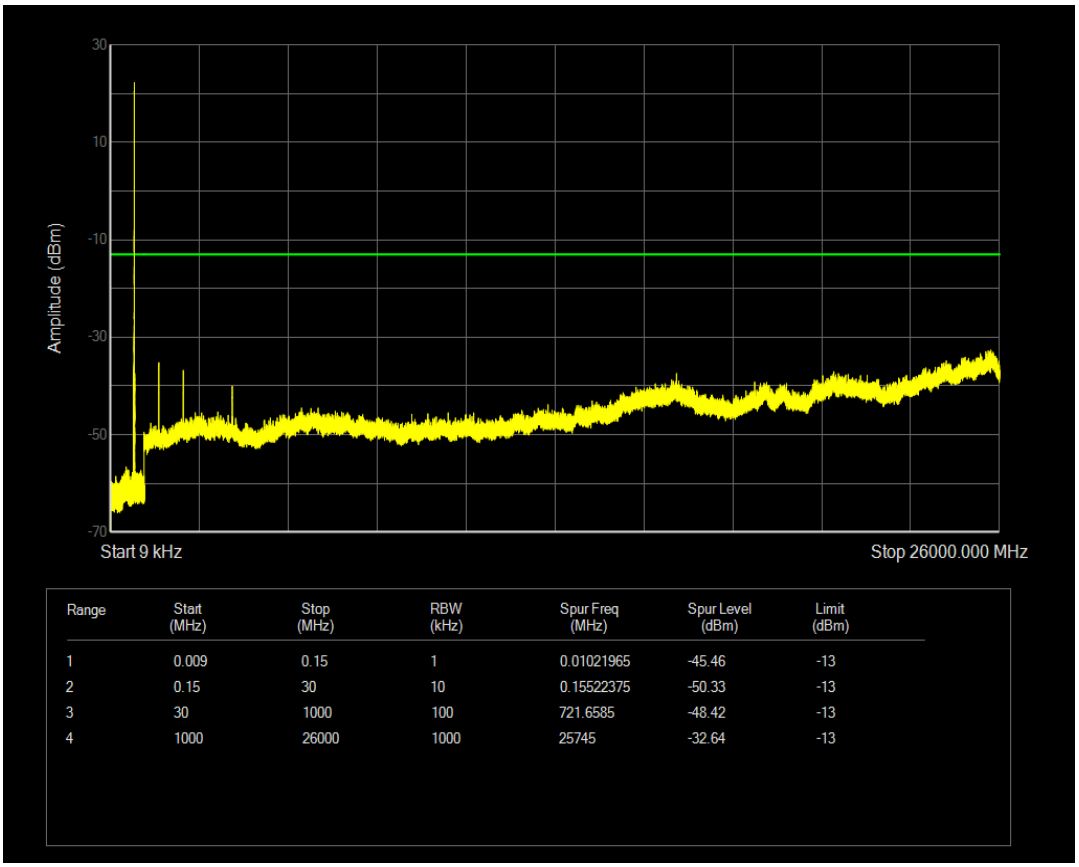
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010512225	-47.75	-13
2	0.15	30	10	0.1514925	-49.58	-13
3	30	1000	100	693.1405	-51.84	-13
4	1000	26000	1000	25818.75	-32.62	-13

Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



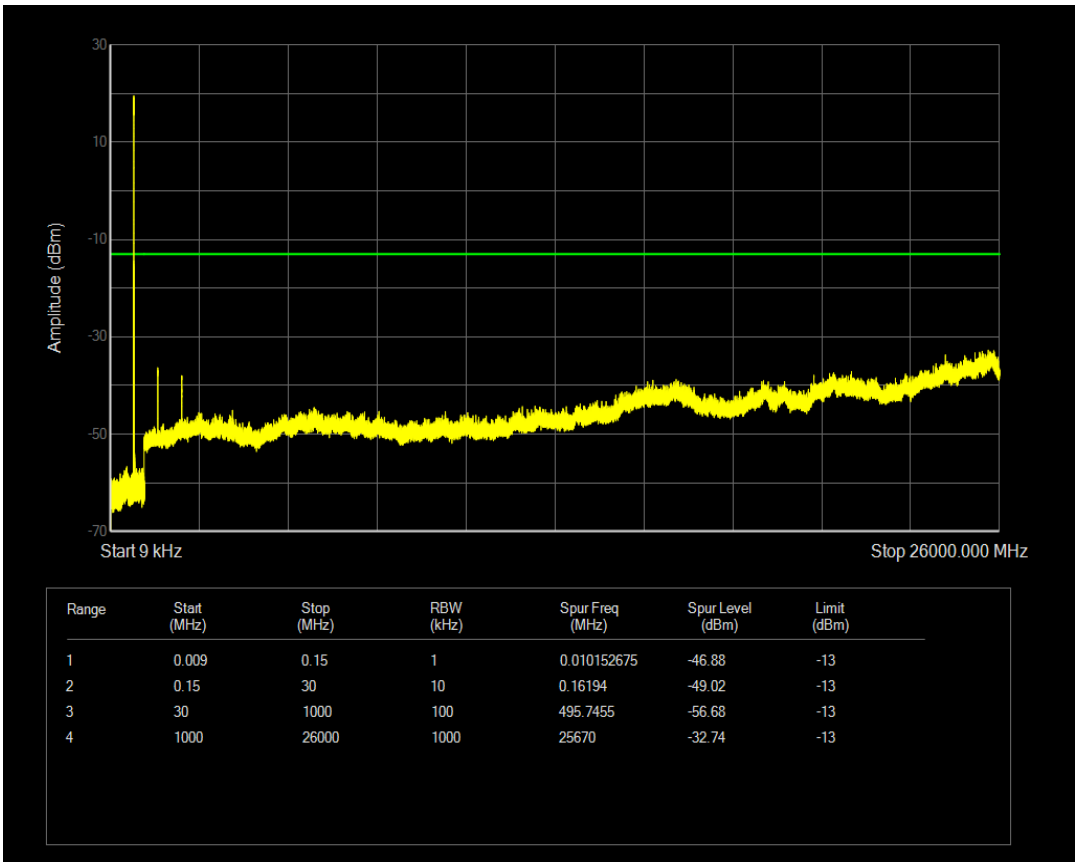
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00961335	-47.53	-13
2	0.15	30	10	0.1544775	-50.12	-13
3	30	1000	100	693.31025	-55.16	-13
4	1000	26000	1000	25826.25	-32.09	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



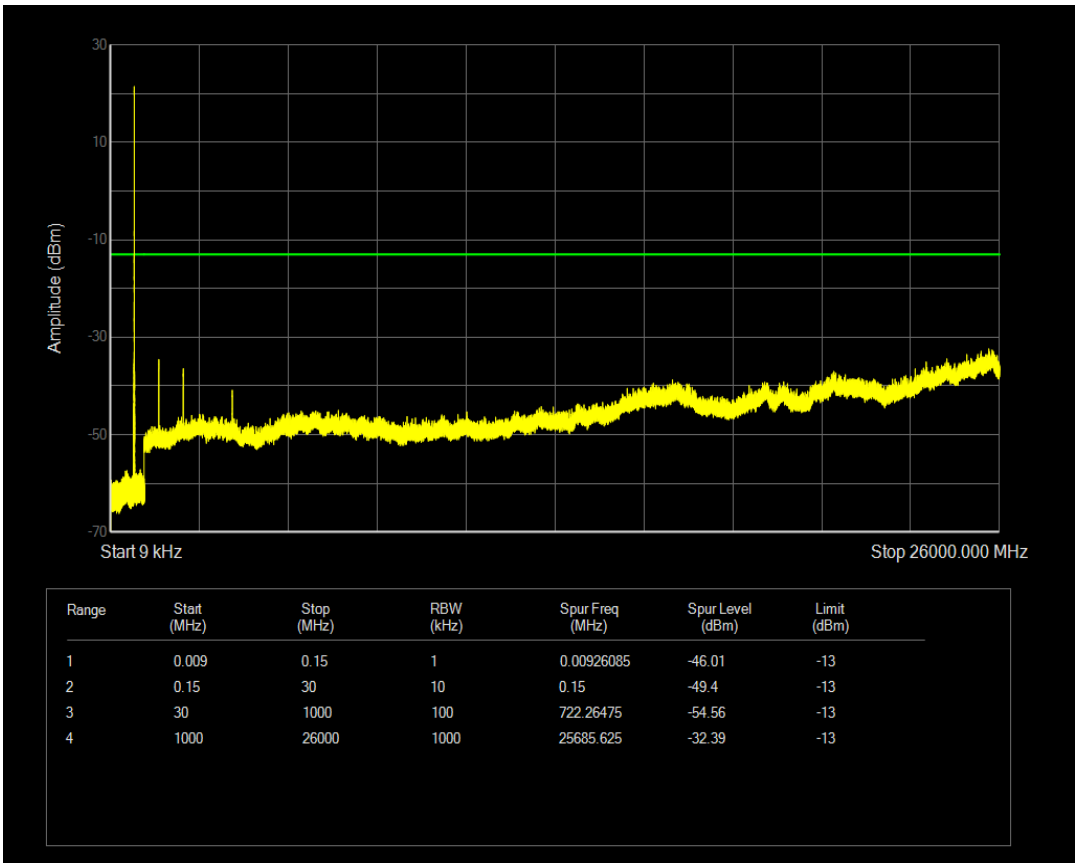
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01021965	-45.46	-13
2	0.15	30	10	0.15522375	-50.33	-13
3	30	1000	100	721.6585	-48.42	-13
4	1000	26000	1000	25745	-32.64	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



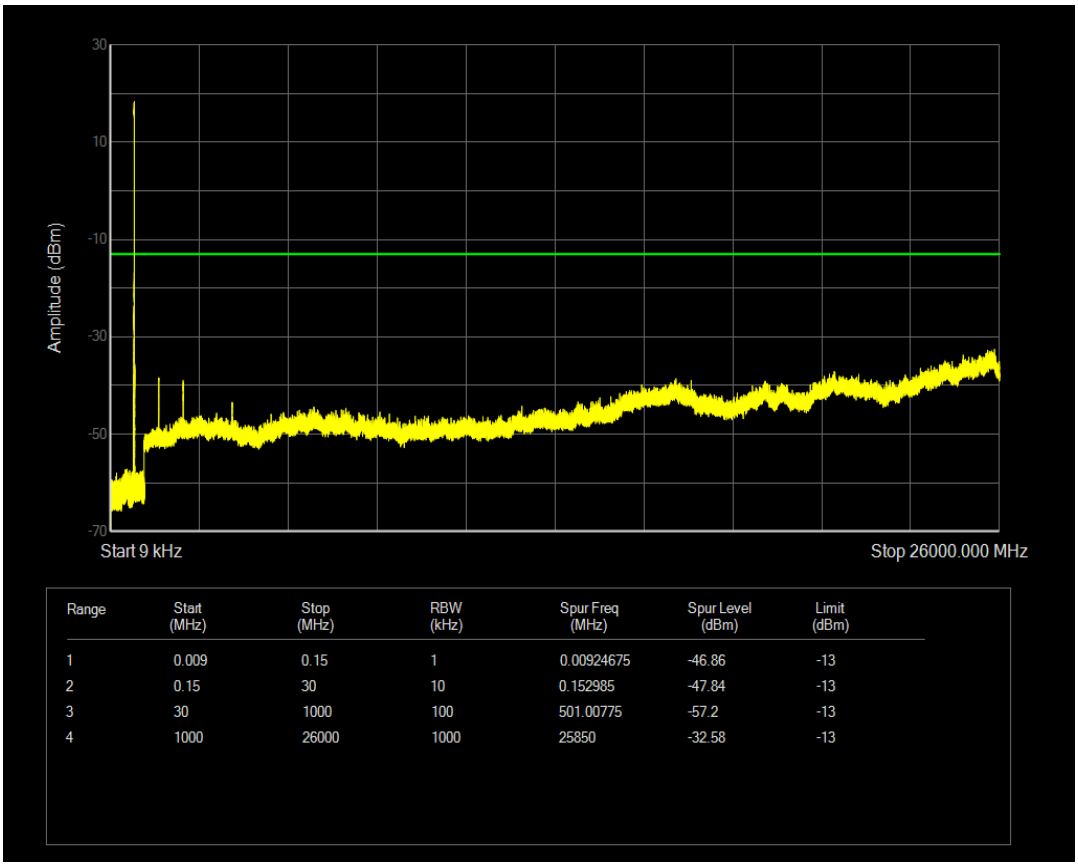
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010152675	-46.88	-13
2	0.15	30	10	0.16194	-49.02	-13
3	30	1000	100	495.7455	-56.68	-13
4	1000	26000	1000	25670	-32.74	-13

Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



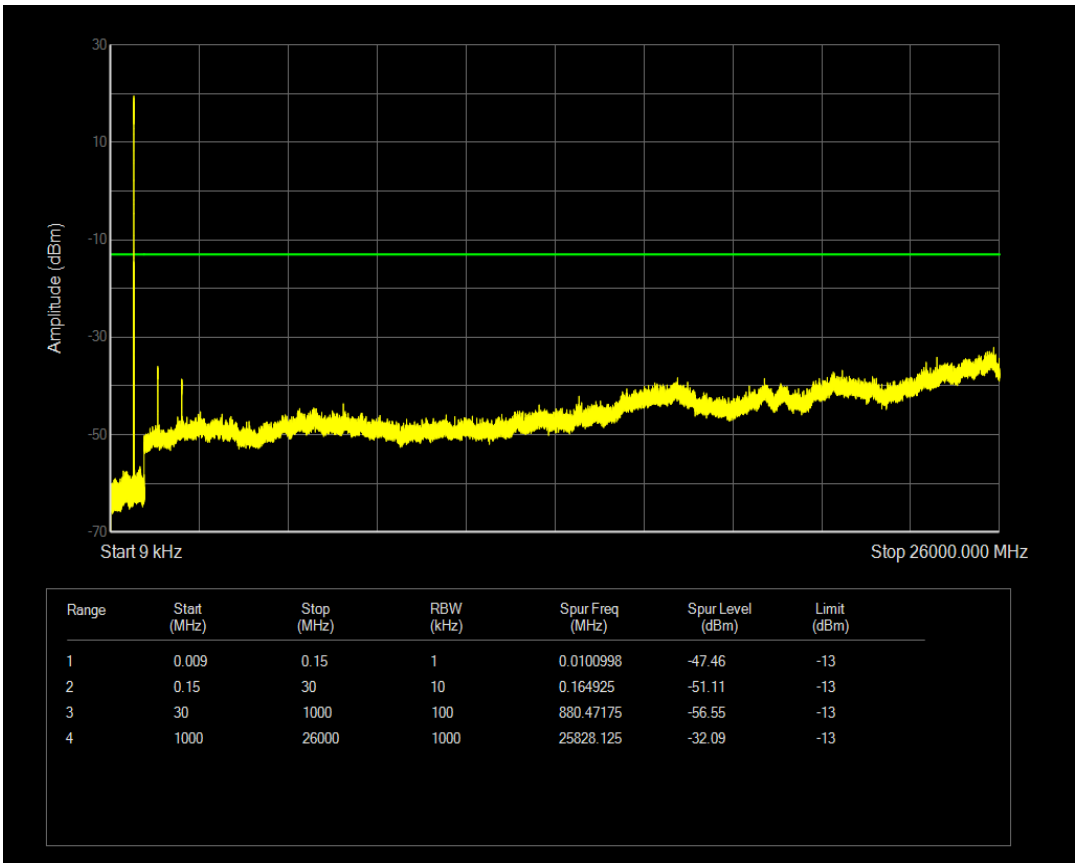
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00926085	-46.01	-13
2	0.15	30	10	0.15	-49.4	-13
3	30	1000	100	722.26475	-54.56	-13
4	1000	26000	1000	25685.625	-32.39	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



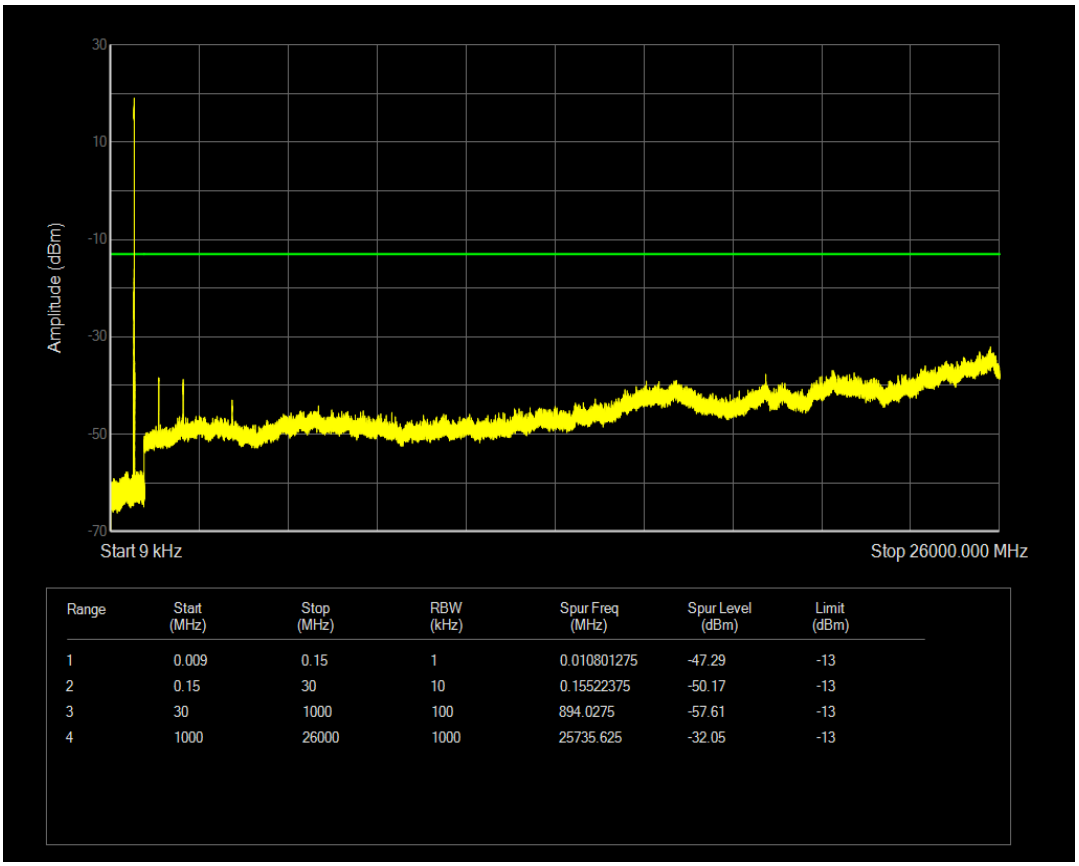
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00924675	-46.86	-13
2	0.15	30	10	0.152985	-47.84	-13
3	30	1000	100	501.00775	-57.2	-13
4	1000	26000	1000	25850	-32.58	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



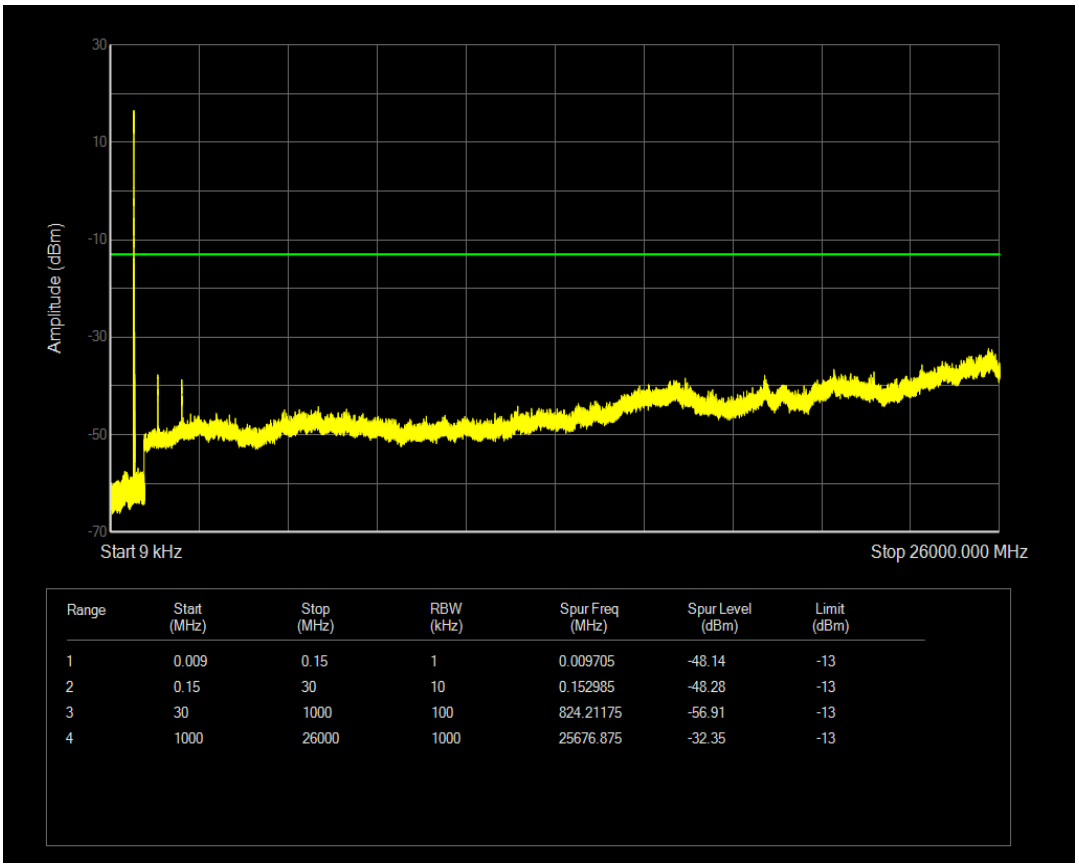
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100998	-47.46	-13
2	0.15	30	10	0.164925	-51.11	-13
3	30	1000	100	880.47175	-56.55	-13
4	1000	26000	1000	25828.125	-32.09	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



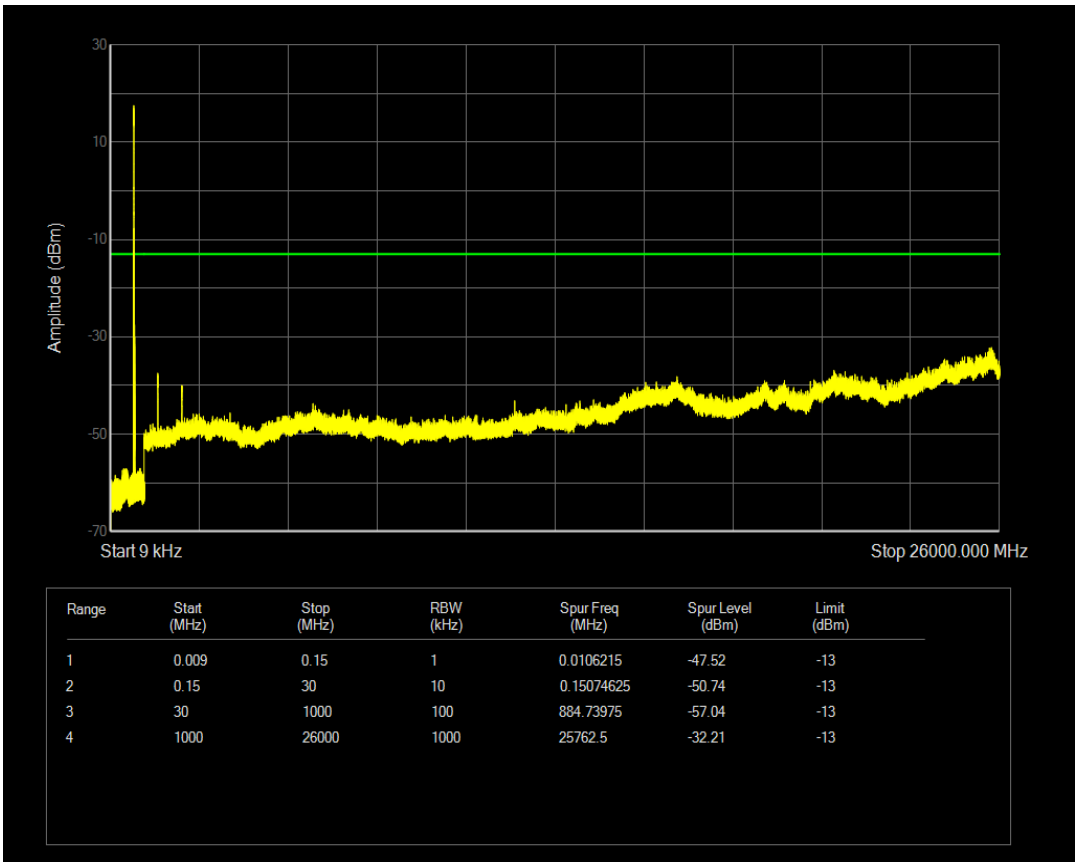
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010801275	-47.29	-13
2	0.15	30	10	0.15522375	-50.17	-13
3	30	1000	100	894.0275	-57.61	-13
4	1000	26000	1000	25735.625	-32.05	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



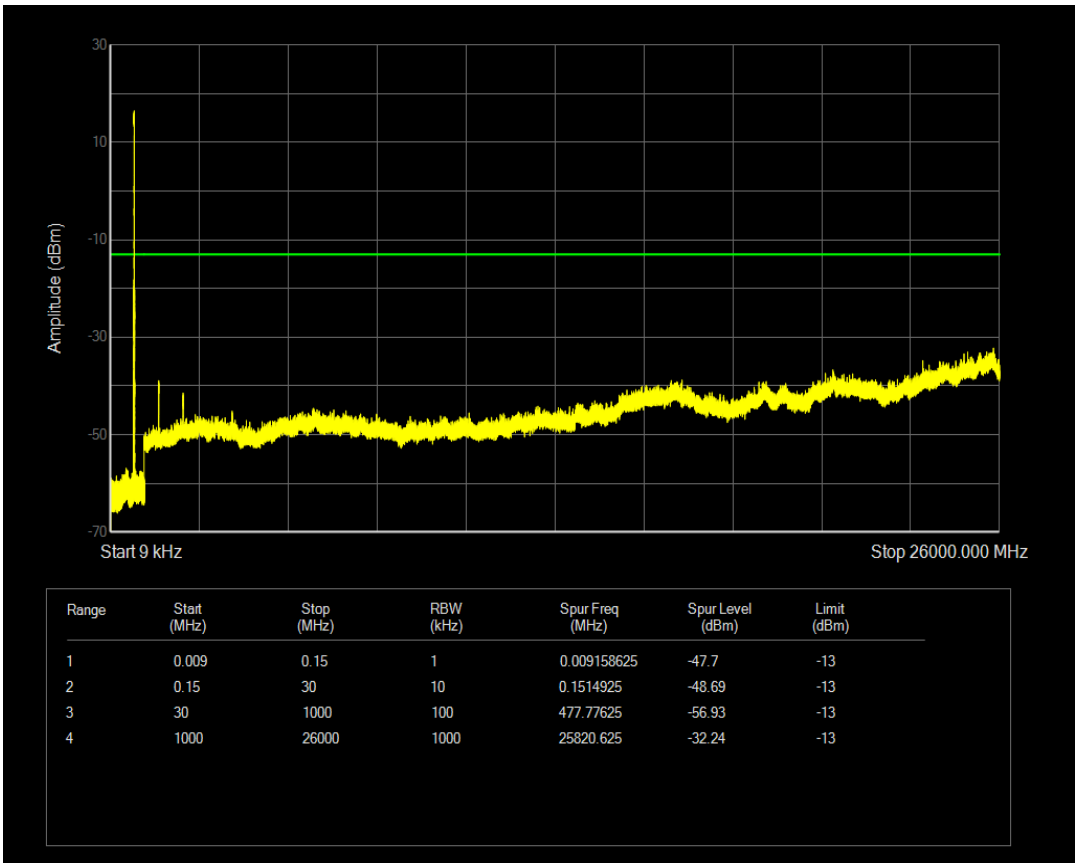
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009705	-48.14	-13
2	0.15	30	10	0.152985	-48.28	-13
3	30	1000	100	824.21175	-56.91	-13
4	1000	26000	1000	25676.875	-32.35	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



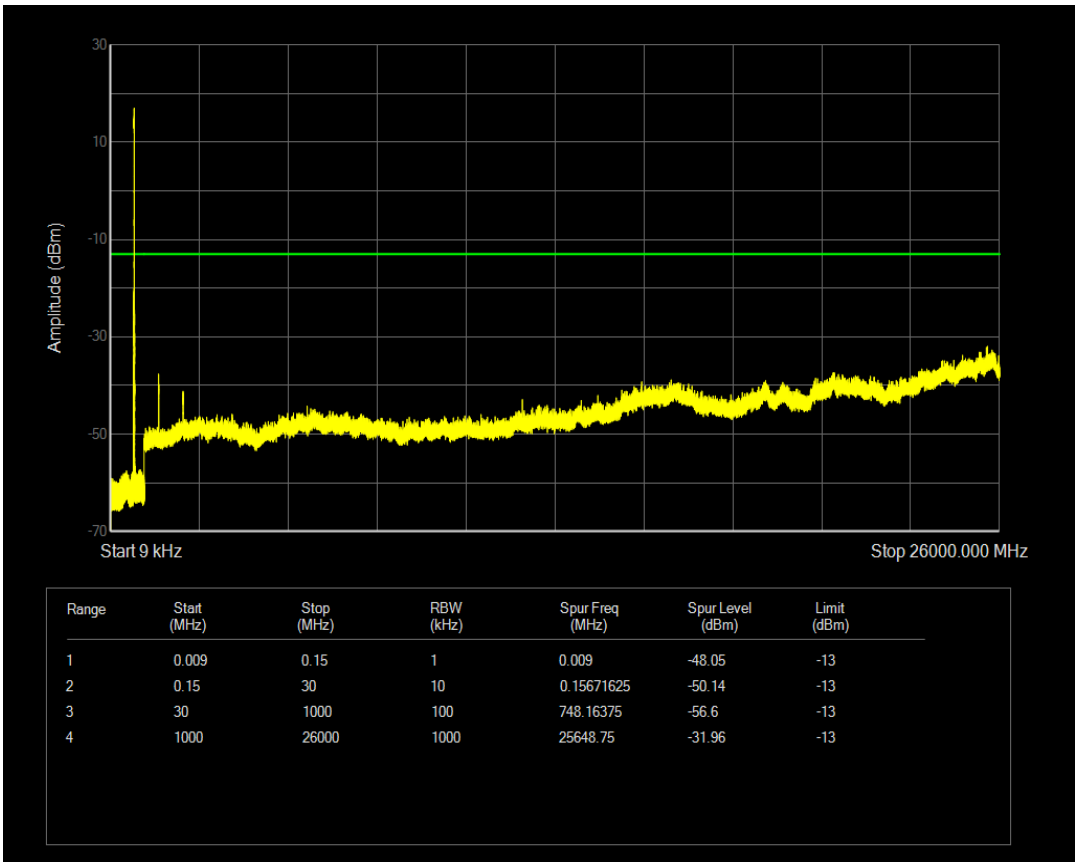
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106215	-47.52	-13
2	0.15	30	10	0.15074625	-50.74	-13
3	30	1000	100	884.73975	-57.04	-13
4	1000	26000	1000	25762.5	-32.21	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



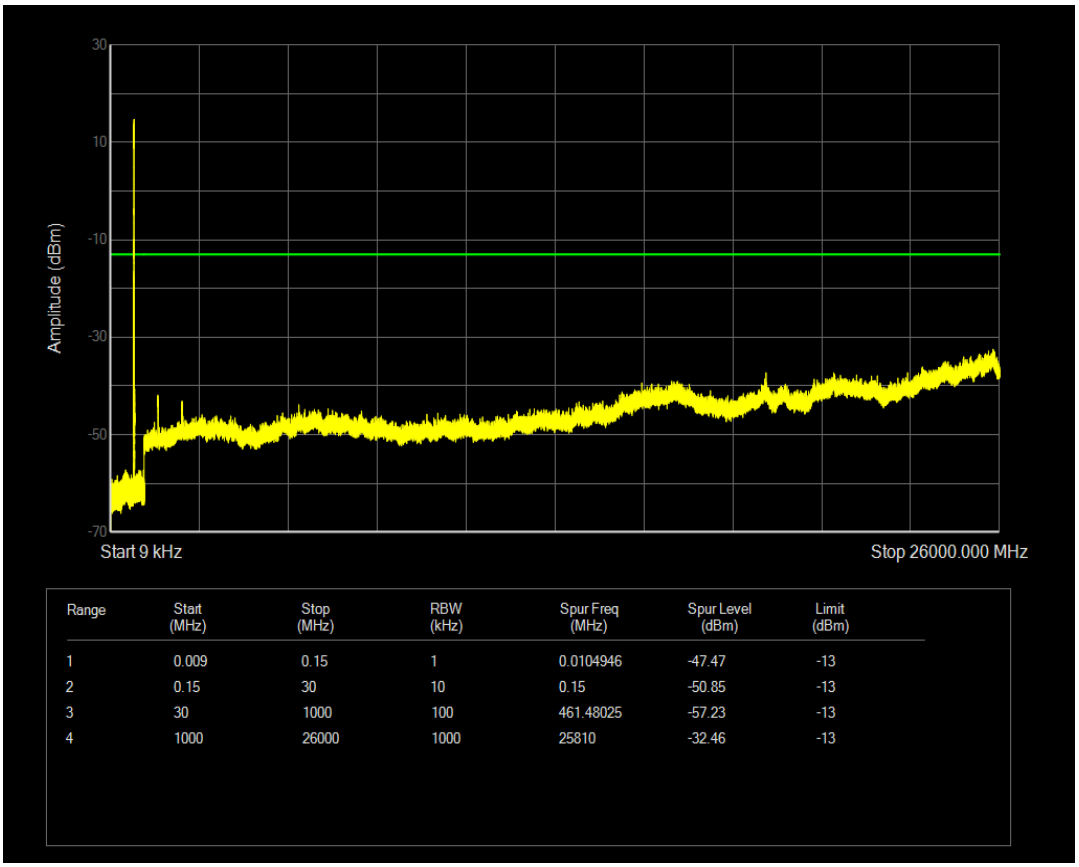
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009158625	-47.7	-13
2	0.15	30	10	0.1514925	-48.69	-13
3	30	1000	100	477.77625	-56.93	-13
4	1000	26000	1000	25820.625	-32.24	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



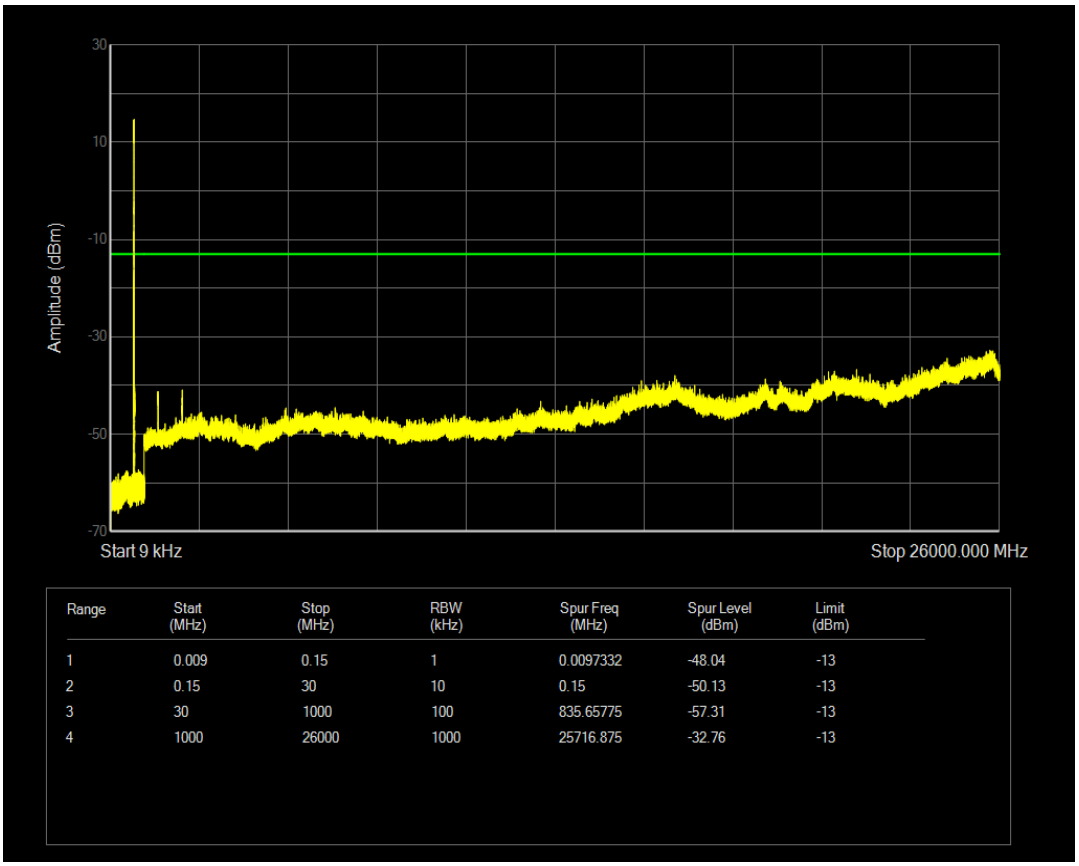
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-48.05	-13
2	0.15	30	10	0.15671625	-50.14	-13
3	30	1000	100	748.16375	-56.6	-13
4	1000	26000	1000	25648.75	-31.96	-13

Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



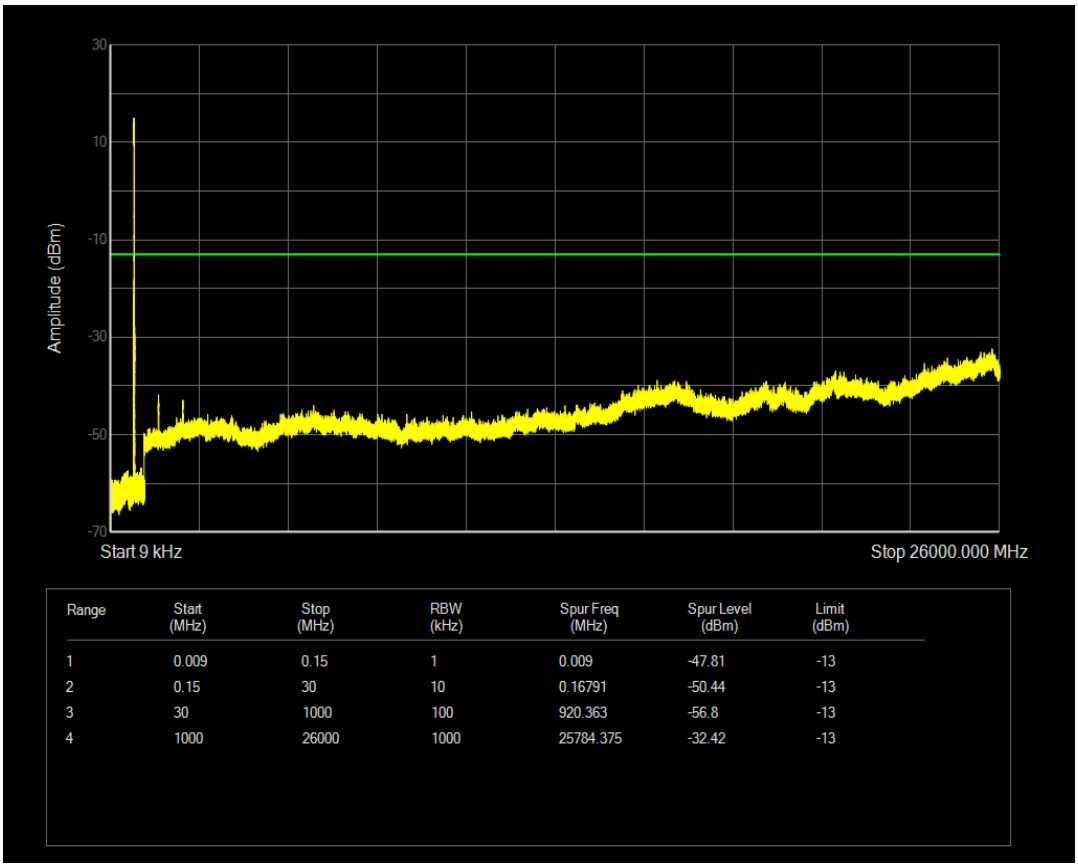
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104946	-47.47	-13
2	0.15	30	10	0.15	-50.85	-13
3	30	1000	100	461.48025	-57.23	-13
4	1000	26000	1000	25810	-32.46	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



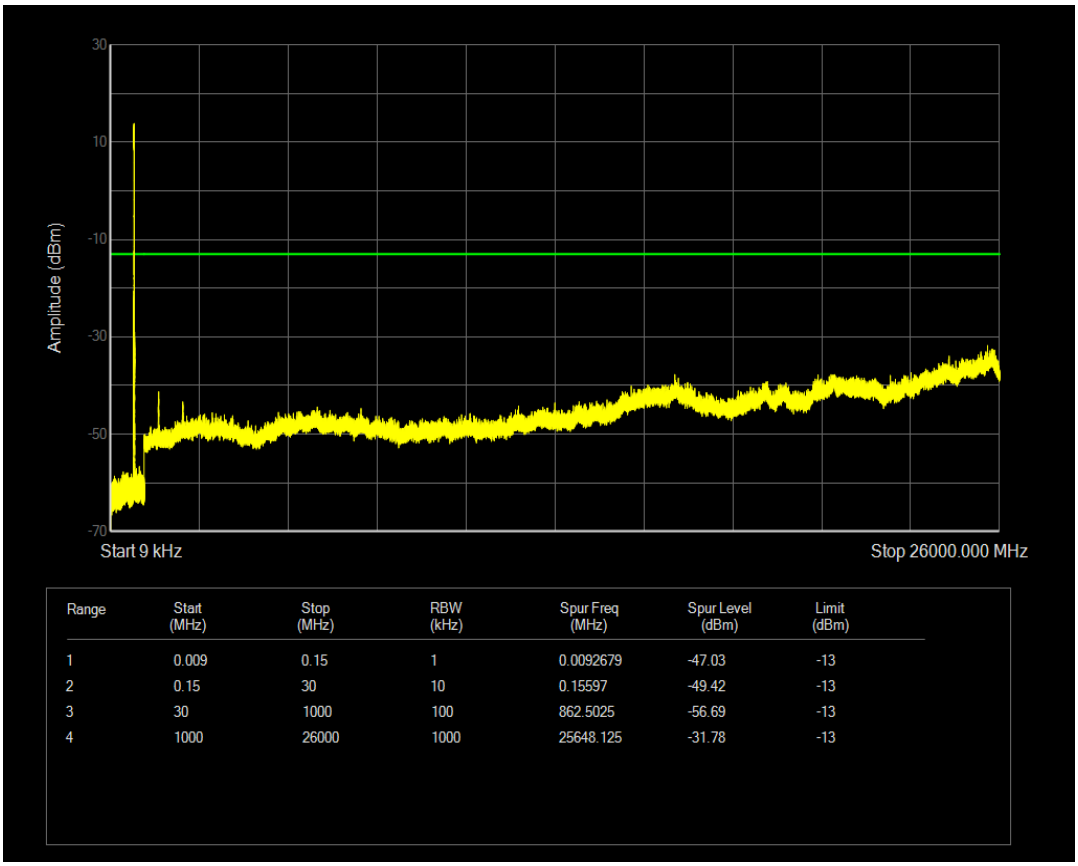
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097332	-48.04	-13
2	0.15	30	10	0.15	-50.13	-13
3	30	1000	100	835.65775	-57.31	-13
4	1000	26000	1000	25716.875	-32.76	-13

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



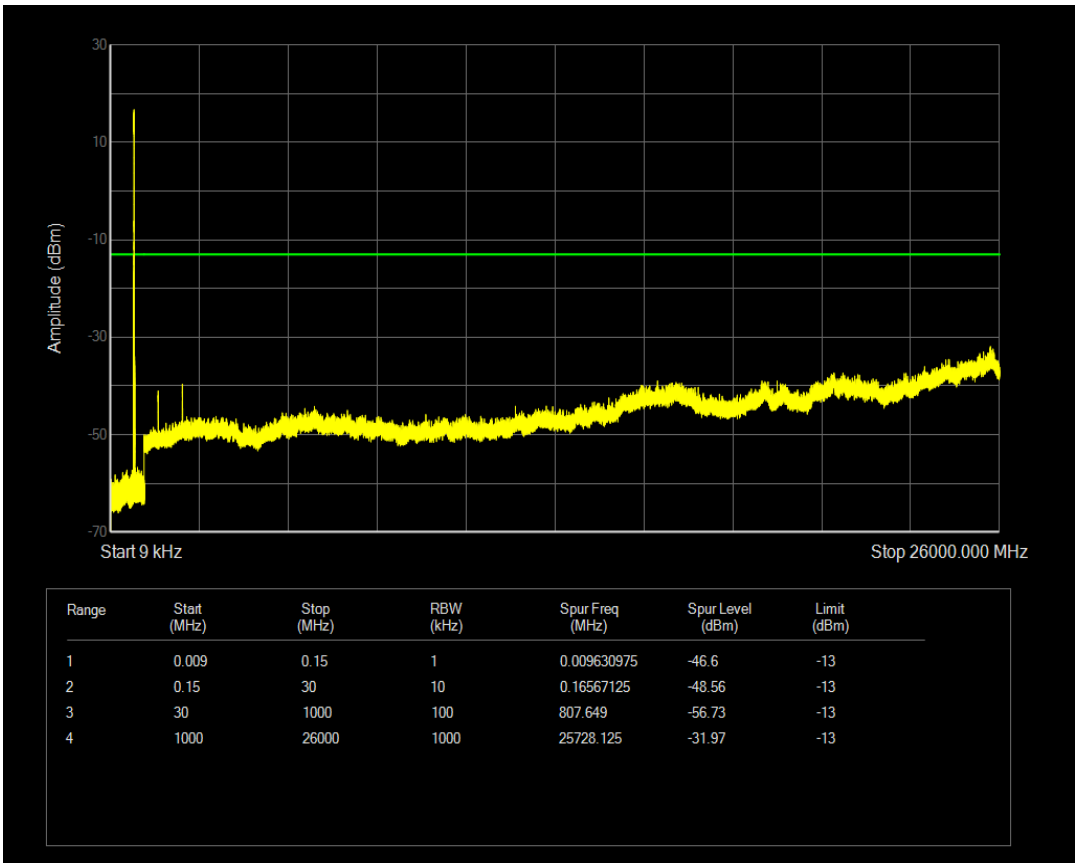
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.81	-13
2	0.15	30	10	0.16791	-50.44	-13
3	30	1000	100	920.363	-56.8	-13
4	1000	26000	1000	25784.375	-32.42	-13

Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0



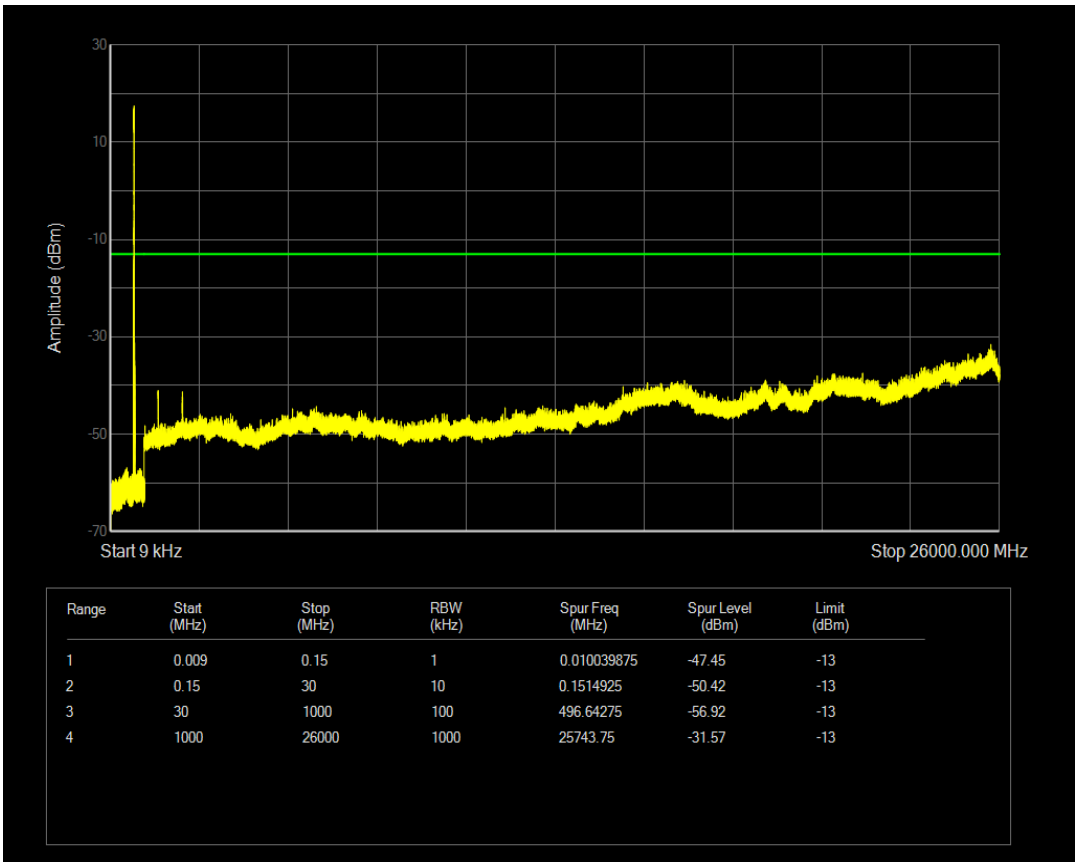
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092679	-47.03	-13
2	0.15	30	10	0.15597	-49.42	-13
3	30	1000	100	862.5025	-56.69	-13
4	1000	26000	1000	25648.125	-31.78	-13

Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



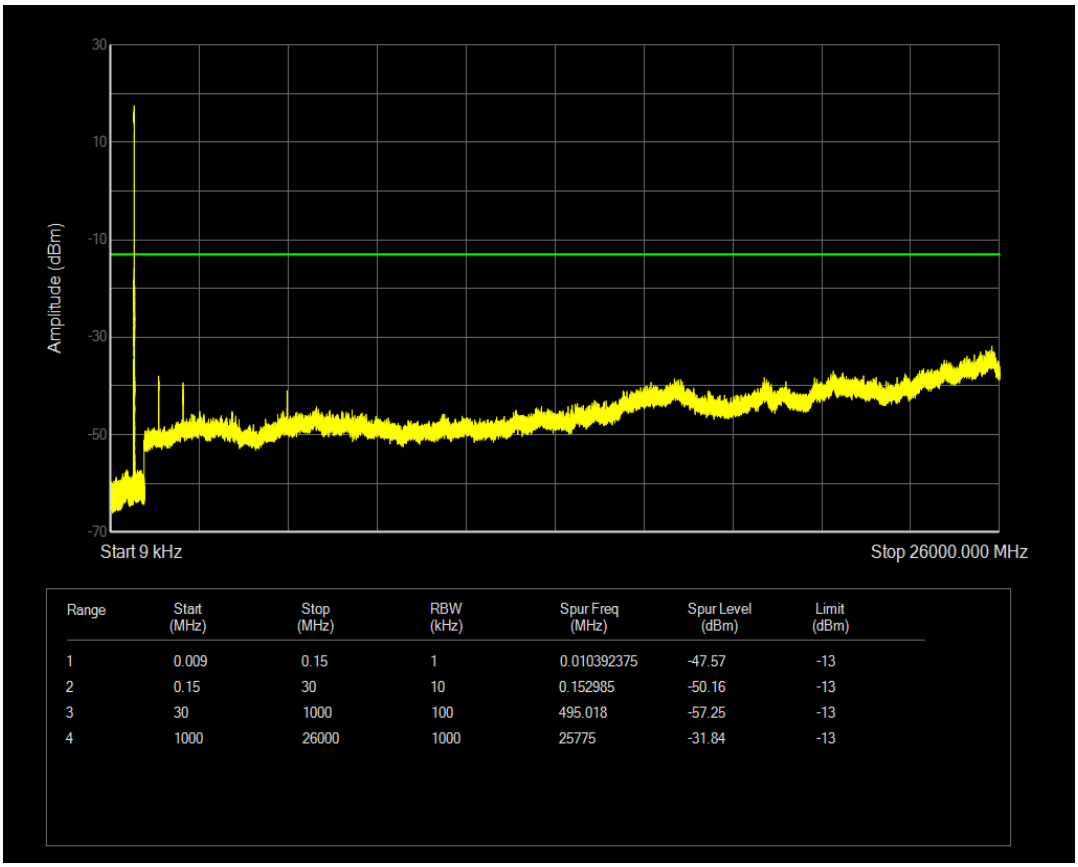
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009630975	-46.6	-13
2	0.15	30	10	0.16567125	-48.56	-13
3	30	1000	100	807.649	-56.73	-13
4	1000	26000	1000	25728.125	-31.97	-13

Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



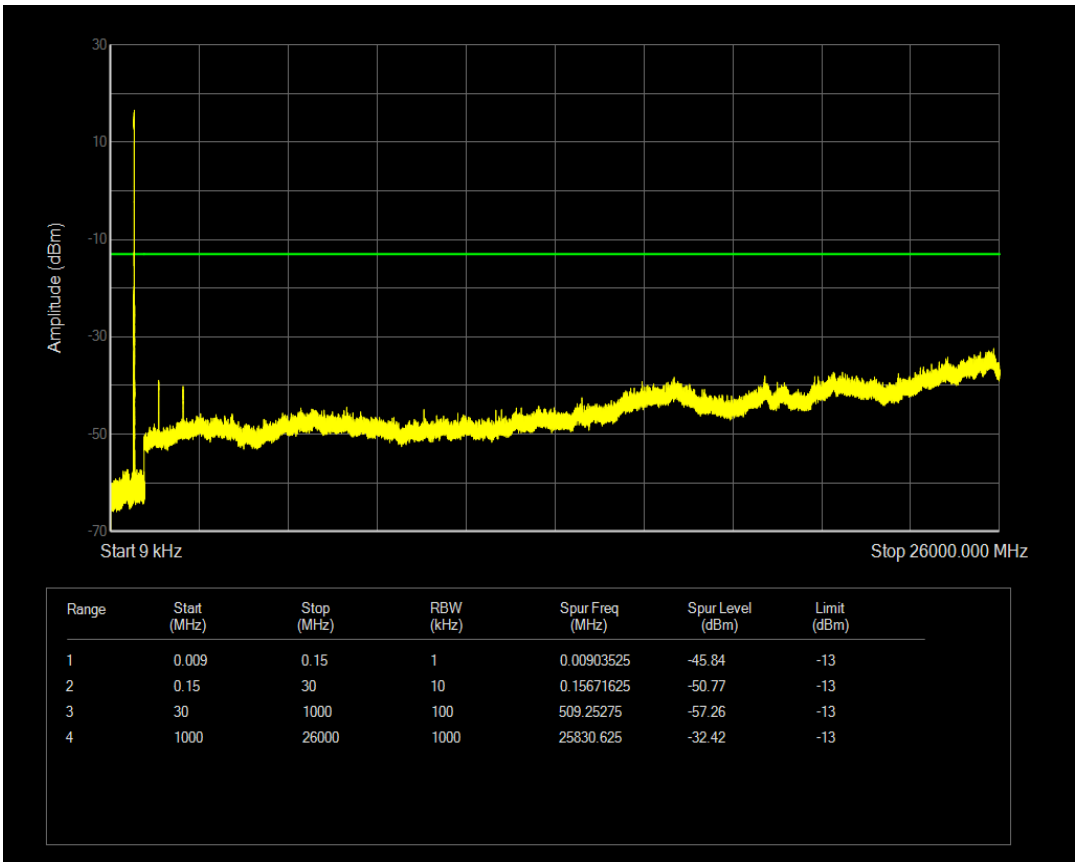
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010039875	-47.45	-13
2	0.15	30	10	0.1514925	-50.42	-13
3	30	1000	100	496.64275	-56.92	-13
4	1000	26000	1000	25743.75	-31.57	-13

Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



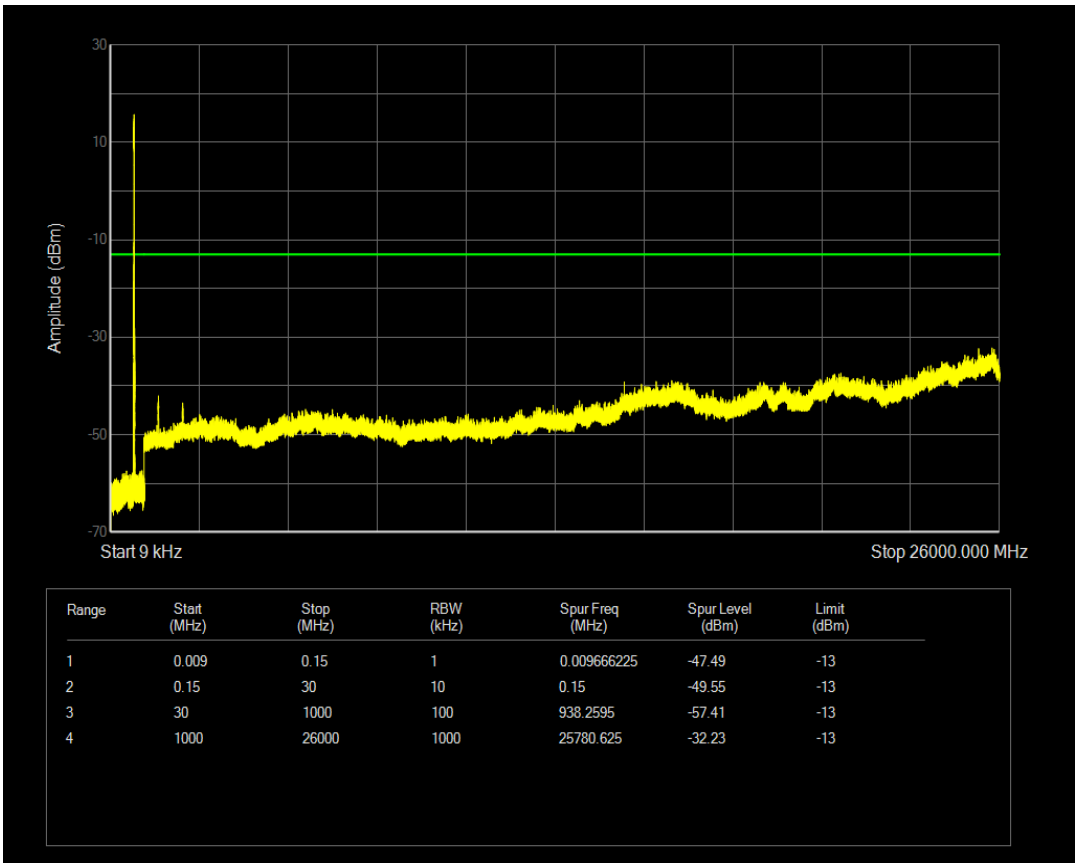
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010392375	-47.57	-13
2	0.15	30	10	0.152985	-50.16	-13
3	30	1000	100	495.018	-57.25	-13
4	1000	26000	1000	25775	-31.84	-13

Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



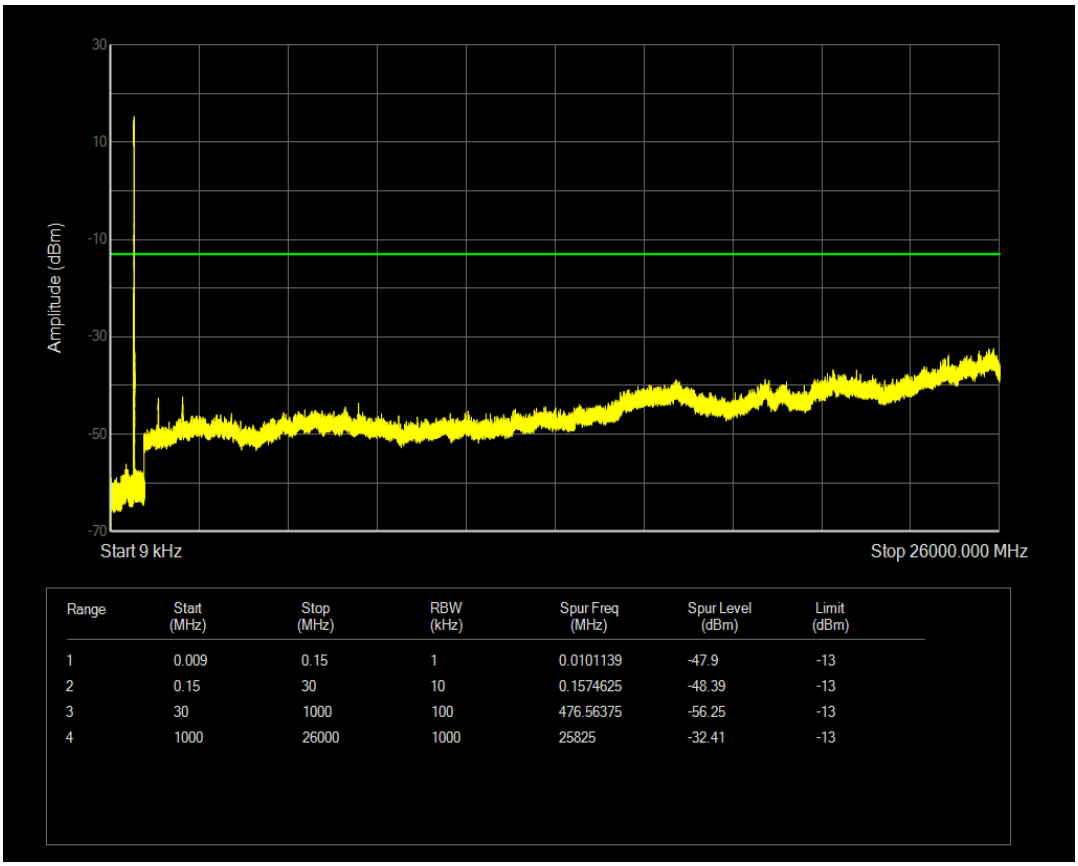
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00903525	-45.84	-13
2	0.15	30	10	0.15671625	-50.77	-13
3	30	1000	100	509.25275	-57.26	-13
4	1000	26000	1000	25830.625	-32.42	-13

Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



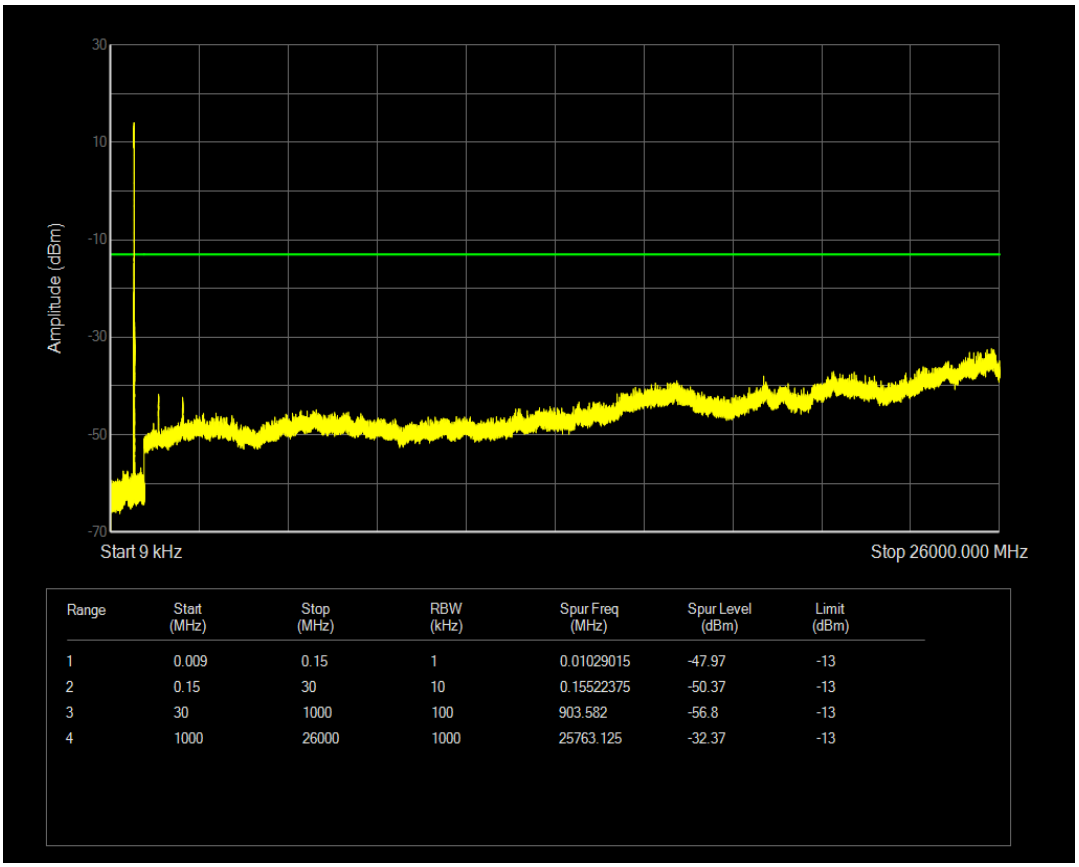
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009666225	-47.49	-13
2	0.15	30	10	0.15	-49.55	-13
3	30	1000	100	938.2595	-57.41	-13
4	1000	26000	1000	25780.625	-32.23	-13

Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



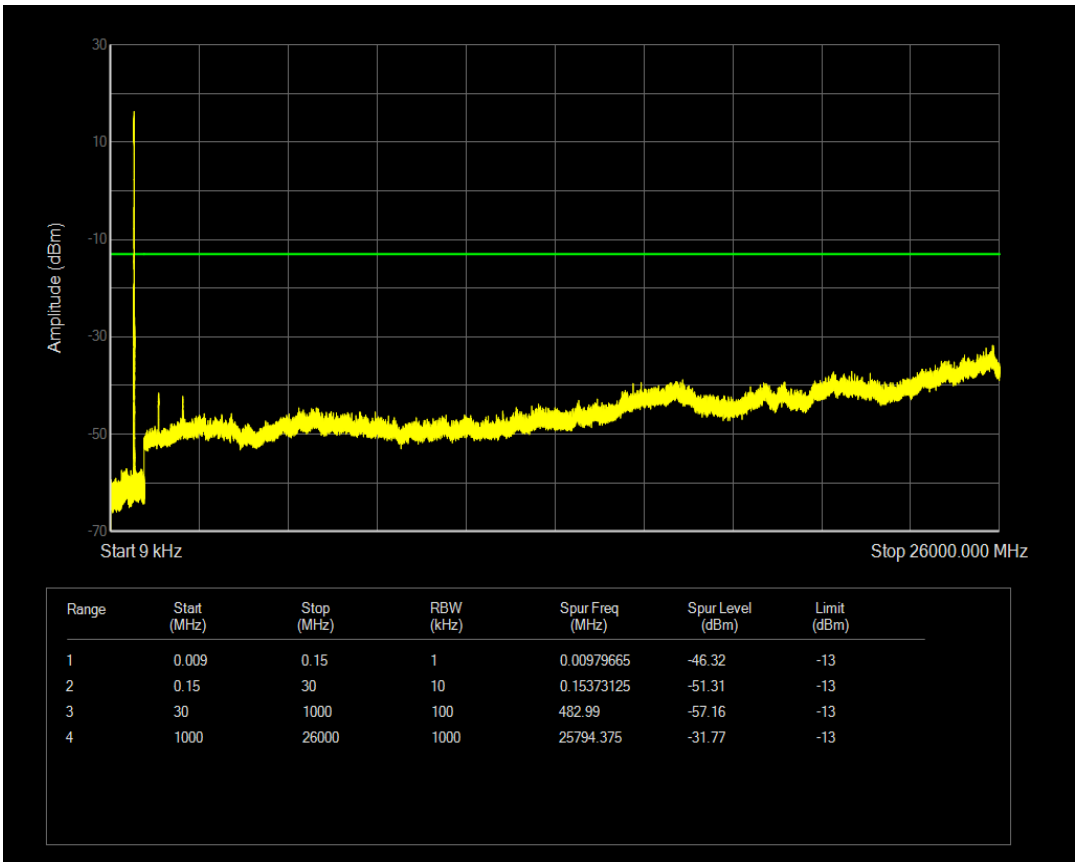
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0101139	-47.9	-13
2	0.15	30	10	0.1574625	-48.39	-13
3	30	1000	100	476.56375	-56.25	-13
4	1000	26000	1000	25825	-32.41	-13

Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



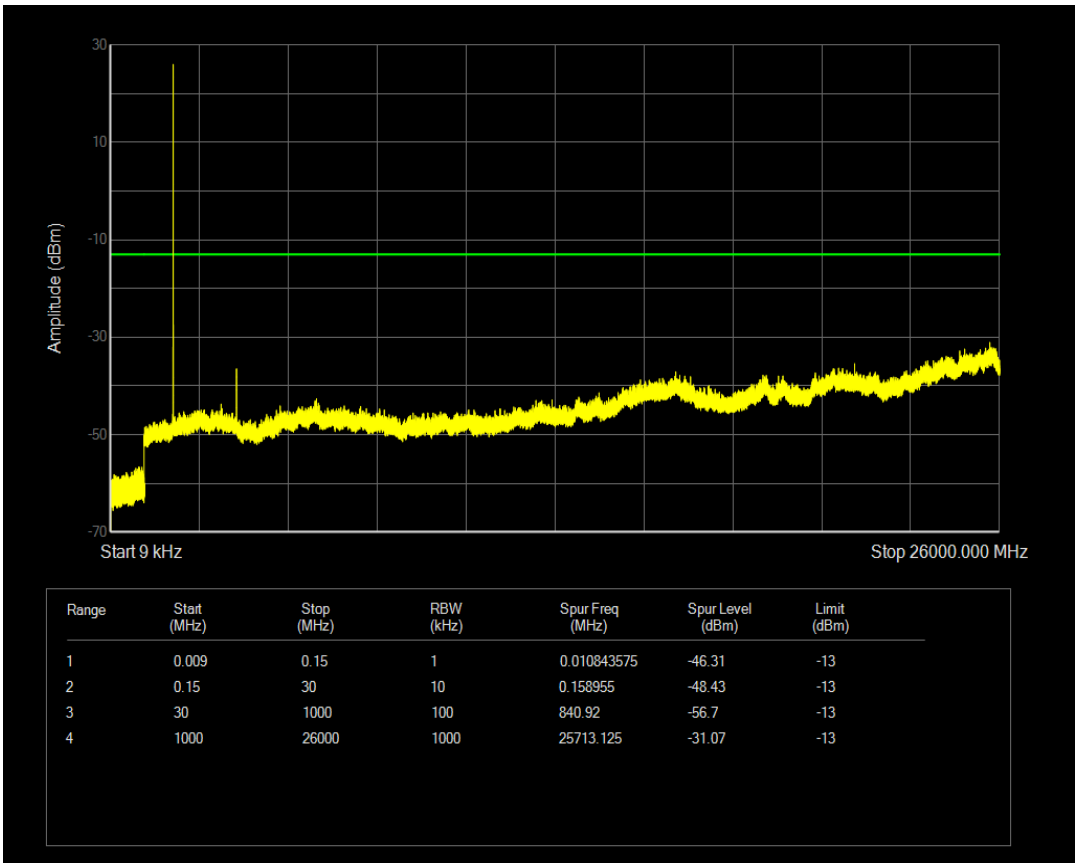
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01029015	-47.97	-13
2	0.15	30	10	0.15522375	-50.37	-13
3	30	1000	100	903.582	-56.8	-13
4	1000	26000	1000	25763.125	-32.37	-13

Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



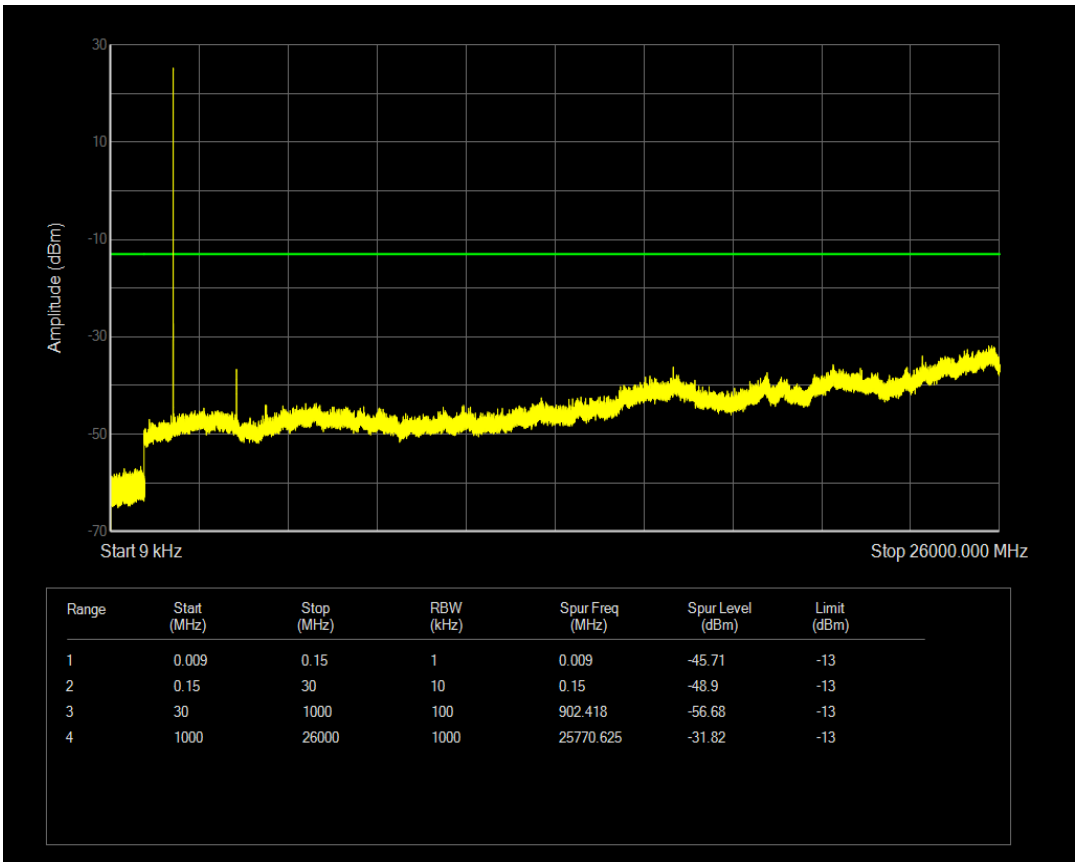
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00979665	-46.32	-13
2	0.15	30	10	0.15373125	-51.31	-13
3	30	1000	100	482.99	-57.16	-13
4	1000	26000	1000	25794.375	-31.77	-13

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



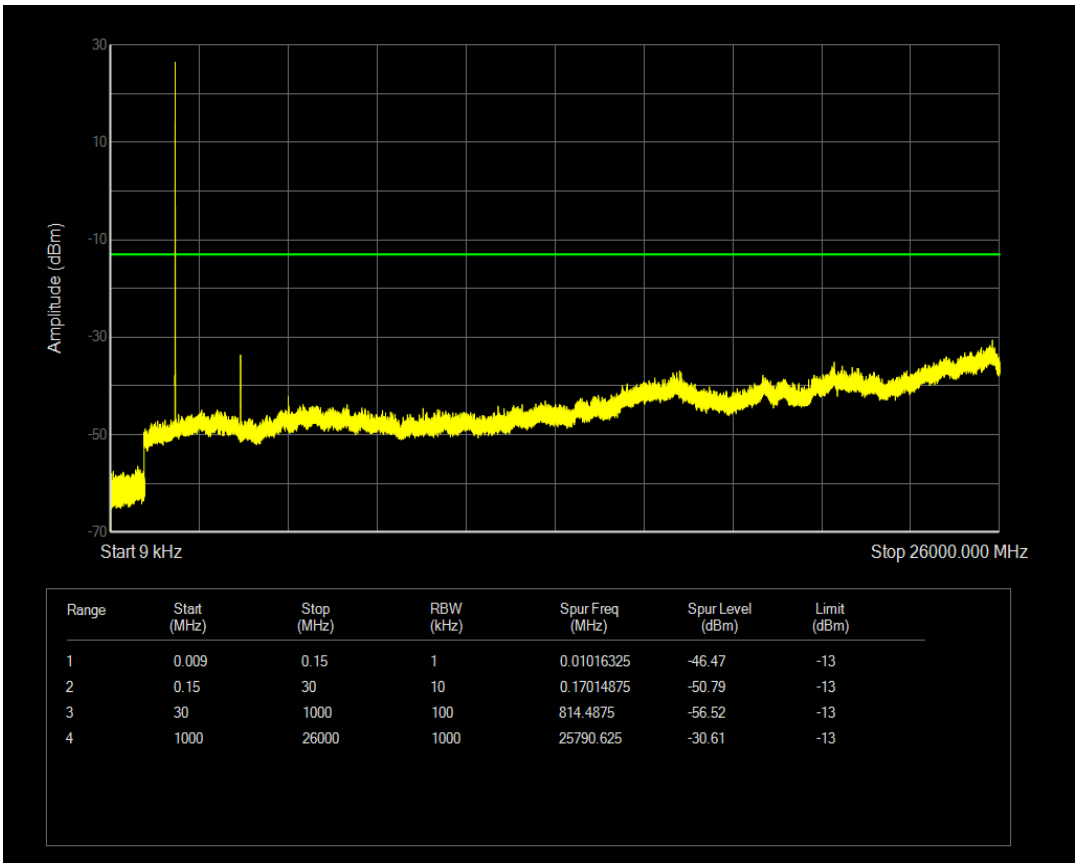
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010843575	-46.31	-13
2	0.15	30	10	0.158955	-48.43	-13
3	30	1000	100	840.92	-56.7	-13
4	1000	26000	1000	25713.125	-31.07	-13

Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



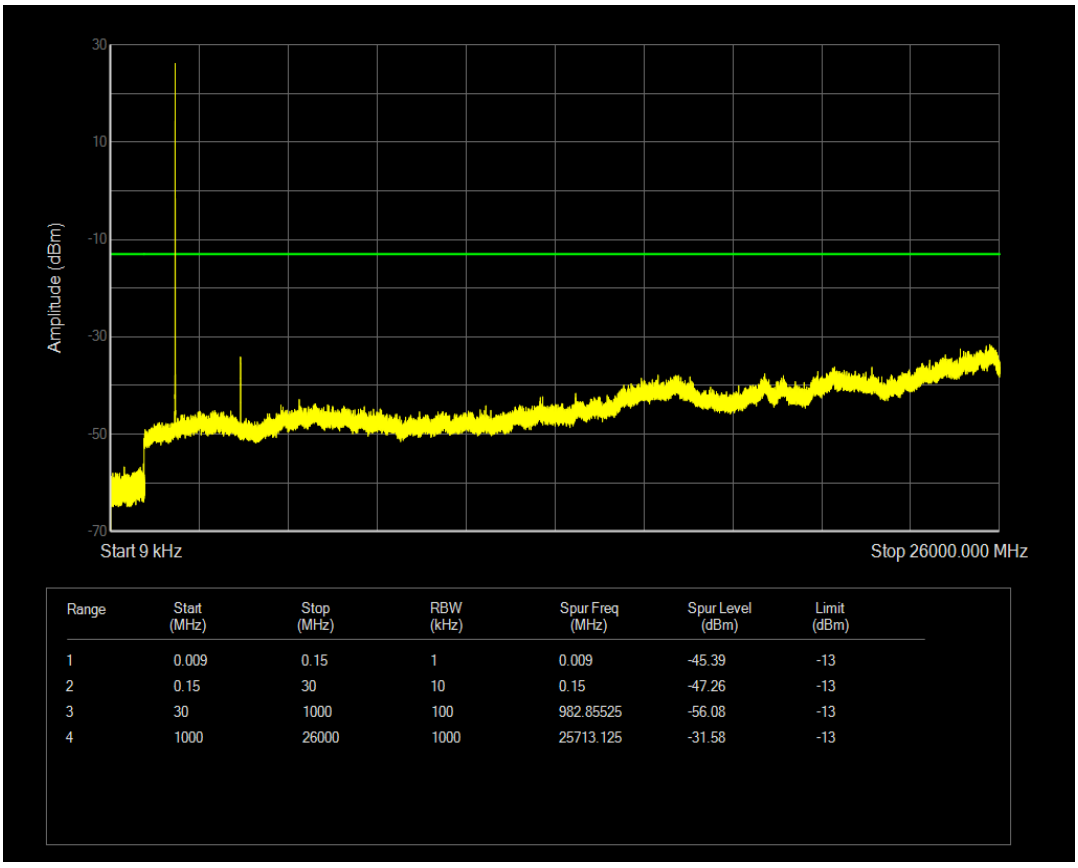
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.71	-13
2	0.15	30	10	0.15	-48.9	-13
3	30	1000	100	902.418	-56.68	-13
4	1000	26000	1000	25770.625	-31.82	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



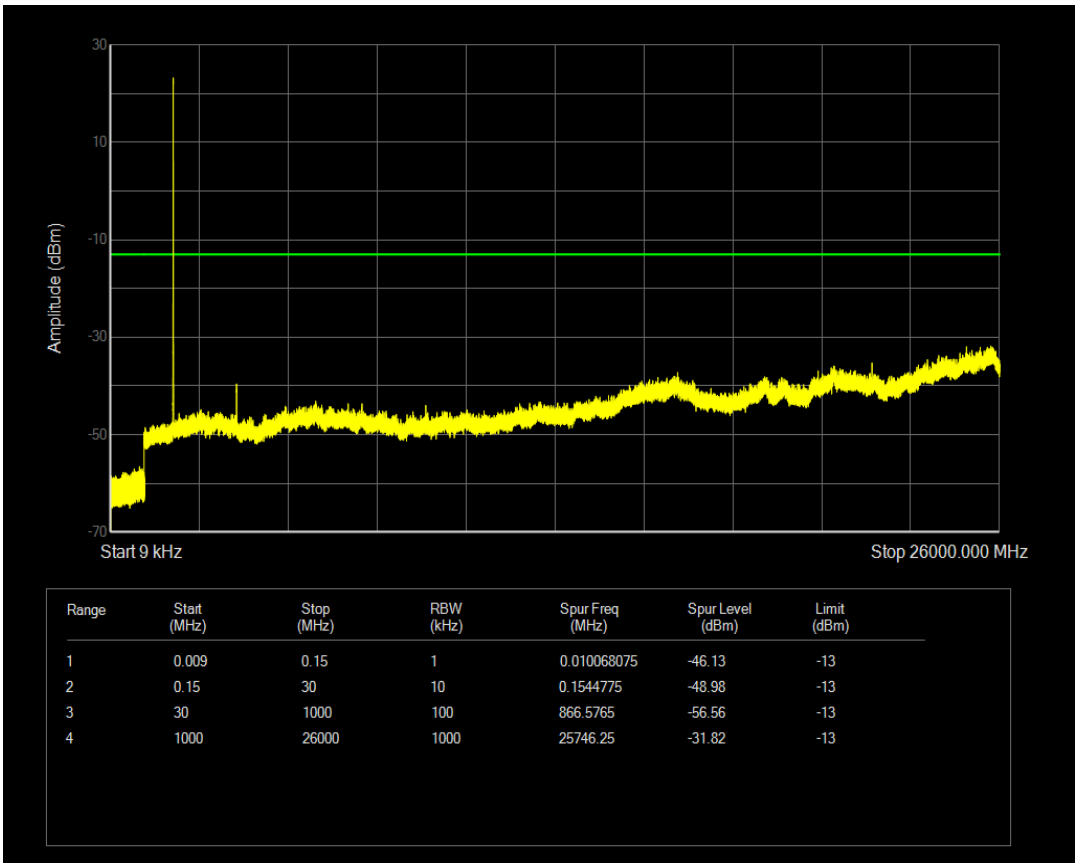
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01016325	-46.47	-13
2	0.15	30	10	0.17014875	-50.79	-13
3	30	1000	100	814.4875	-56.52	-13
4	1000	26000	1000	25790.625	-30.61	-13

Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



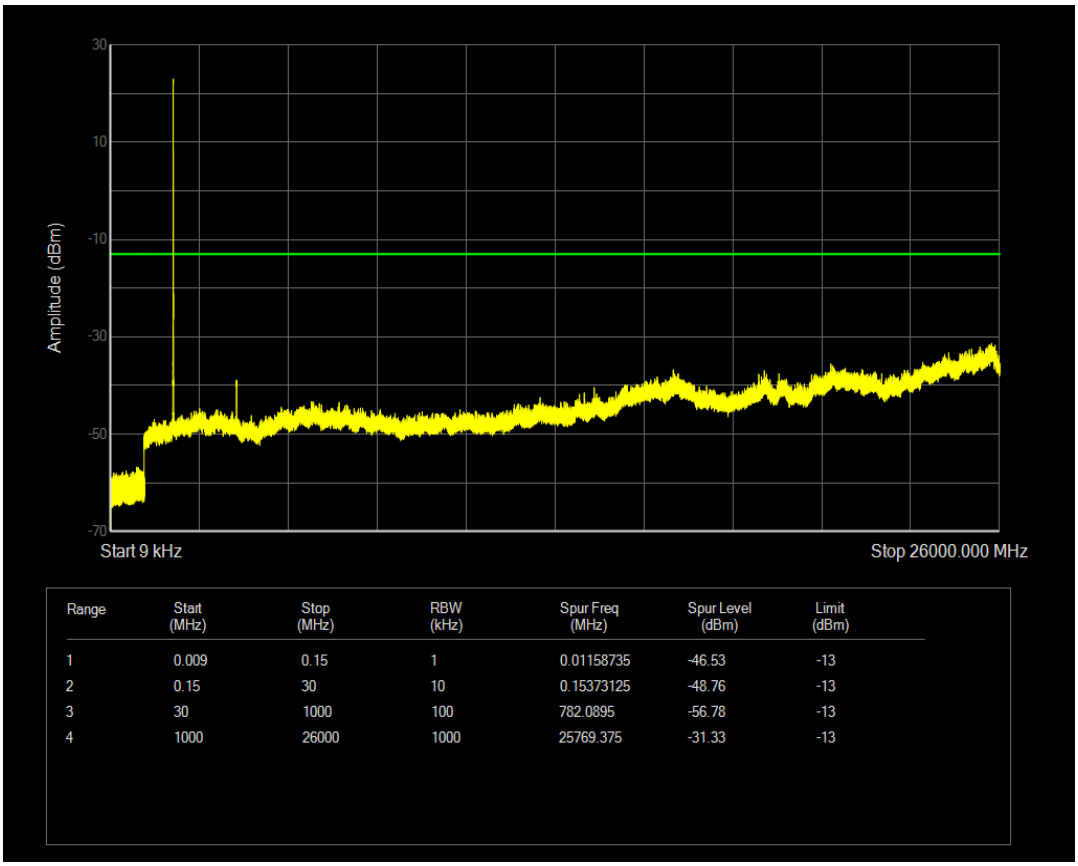
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.39	-13
2	0.15	30	10	0.15	-47.26	-13
3	30	1000	100	982.85525	-56.08	-13
4	1000	26000	1000	25713.125	-31.58	-13

Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



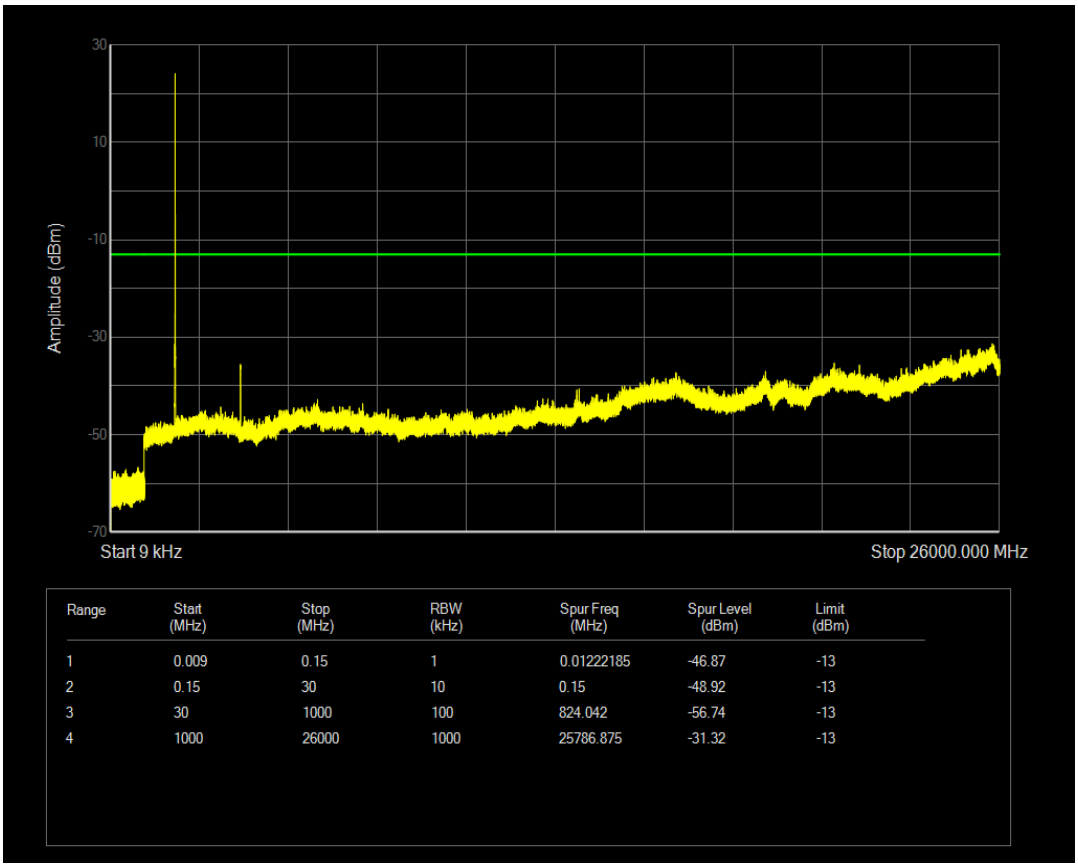
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010068075	-46.13	-13
2	0.15	30	10	0.1544775	-48.98	-13
3	30	1000	100	866.5765	-56.56	-13
4	1000	26000	1000	25746.25	-31.82	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



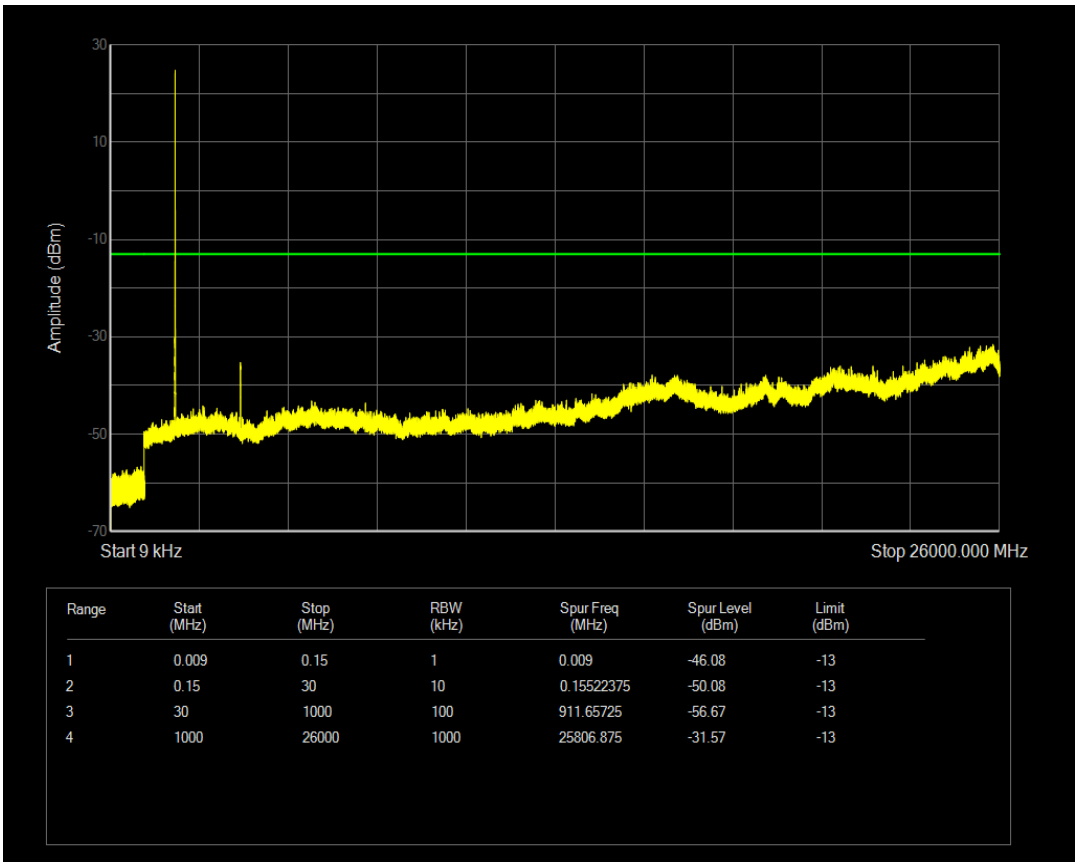
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01158735	-46.53	-13
2	0.15	30	10	0.15373125	-48.76	-13
3	30	1000	100	782.0895	-56.78	-13
4	1000	26000	1000	25769.375	-31.33	-13

Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



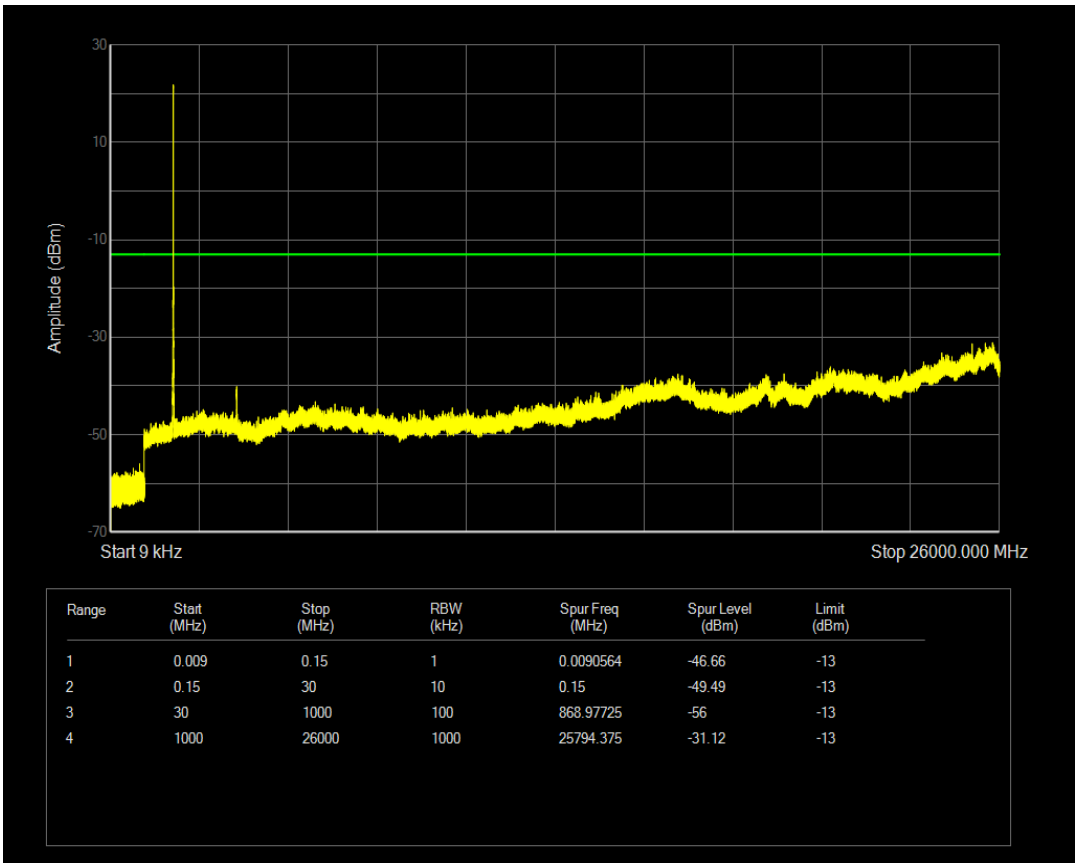
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01222185	-46.87	-13
2	0.15	30	10	0.15	-48.92	-13
3	30	1000	100	824.042	-56.74	-13
4	1000	26000	1000	25786.875	-31.32	-13

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



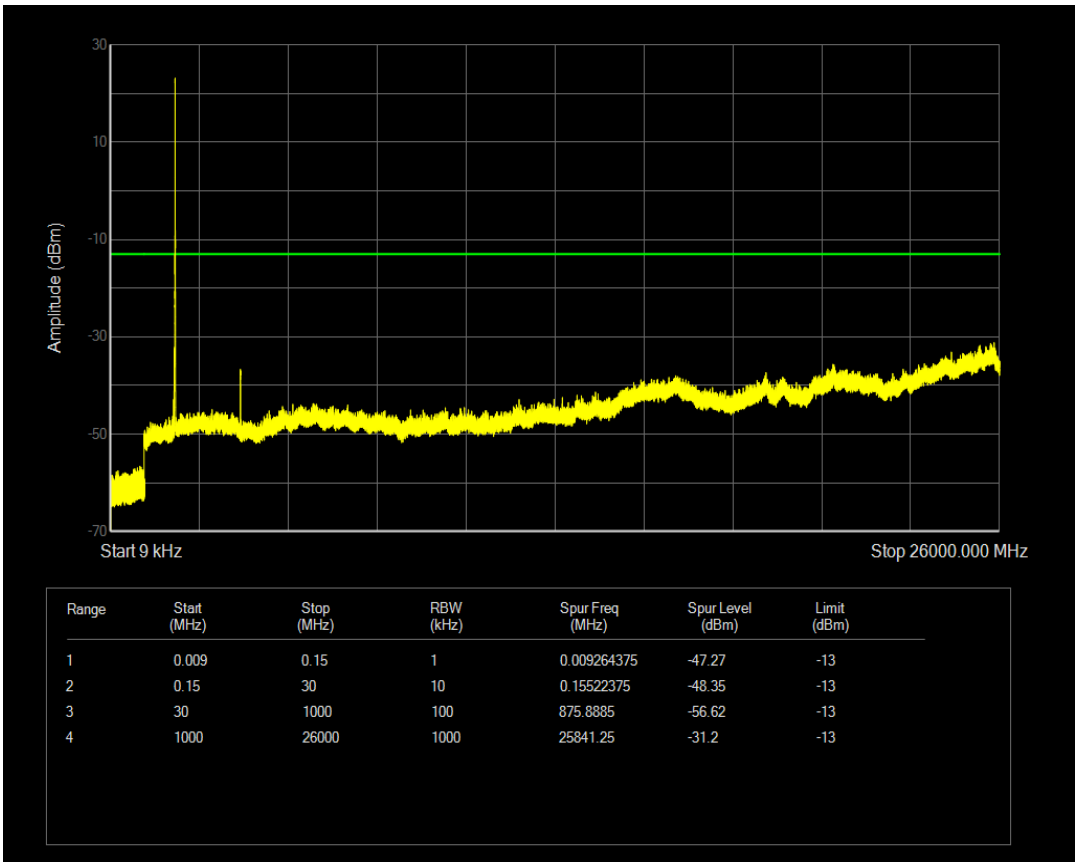
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.08	-13
2	0.15	30	10	0.15522375	-50.08	-13
3	30	1000	100	911.65725	-56.67	-13
4	1000	26000	1000	25806.875	-31.57	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



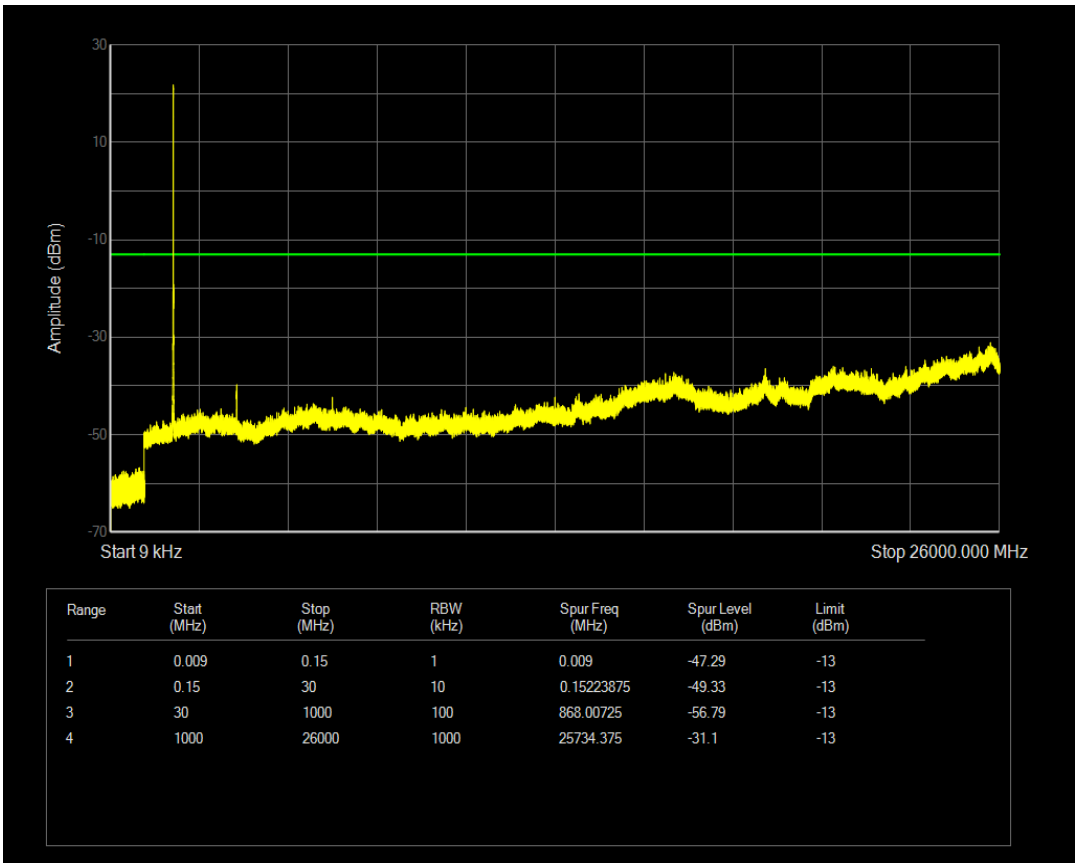
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090564	-46.66	-13
2	0.15	30	10	0.15	-49.49	-13
3	30	1000	100	868.97725	-56	-13
4	1000	26000	1000	25794.375	-31.12	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



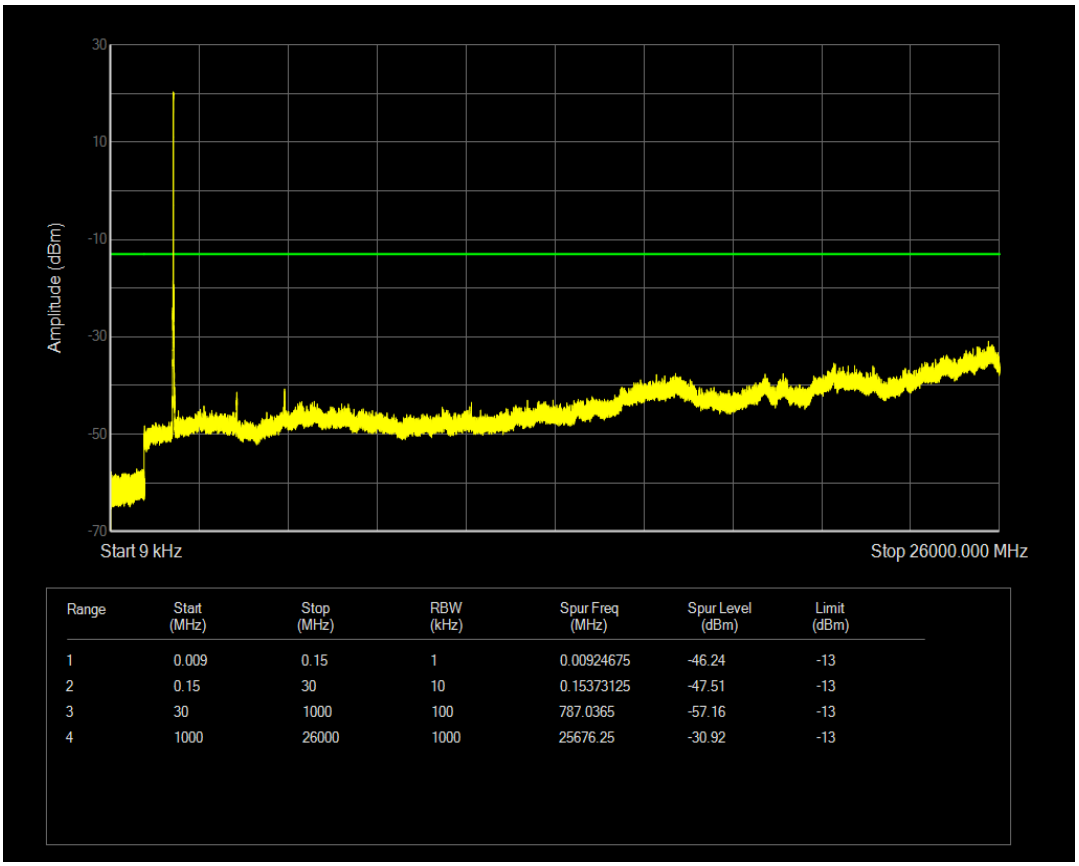
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009264375	-47.27	-13
2	0.15	30	10	0.15522375	-48.35	-13
3	30	1000	100	875.8885	-56.62	-13
4	1000	26000	1000	25841.25	-31.2	-13

Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



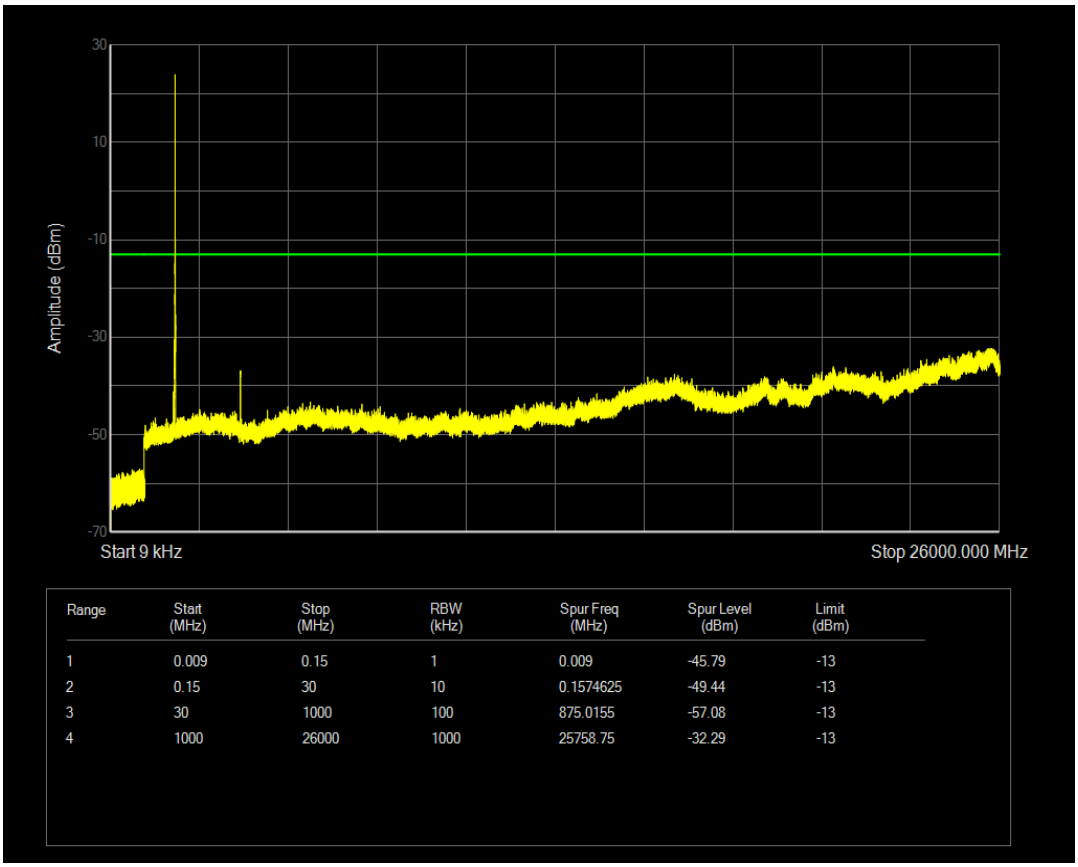
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.29	-13
2	0.15	30	10	0.15223875	-49.33	-13
3	30	1000	100	868.00725	-56.79	-13
4	1000	26000	1000	25734.375	-31.1	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



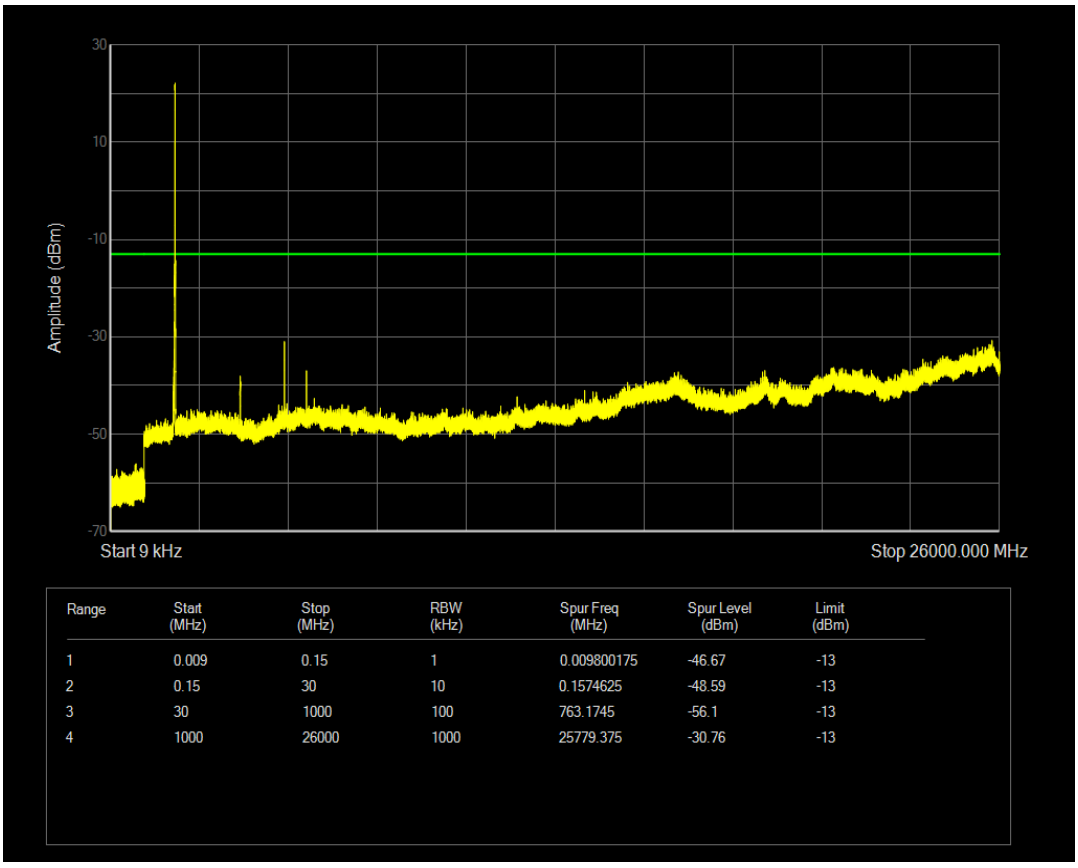
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00924675	-46.24	-13
2	0.15	30	10	0.15373125	-47.51	-13
3	30	1000	100	787.0365	-57.16	-13
4	1000	26000	1000	25676.25	-30.92	-13

Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



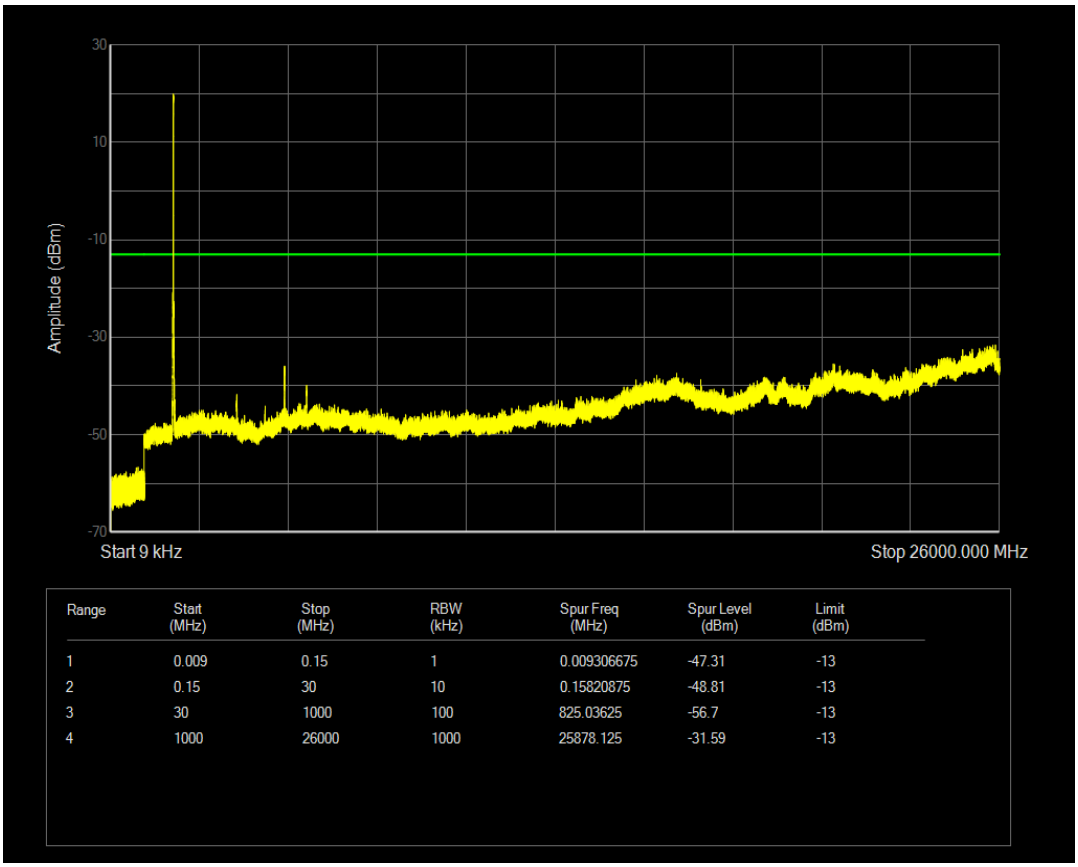
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.79	-13
2	0.15	30	10	0.1574625	-49.44	-13
3	30	1000	100	875.0155	-57.08	-13
4	1000	26000	1000	25758.75	-32.29	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



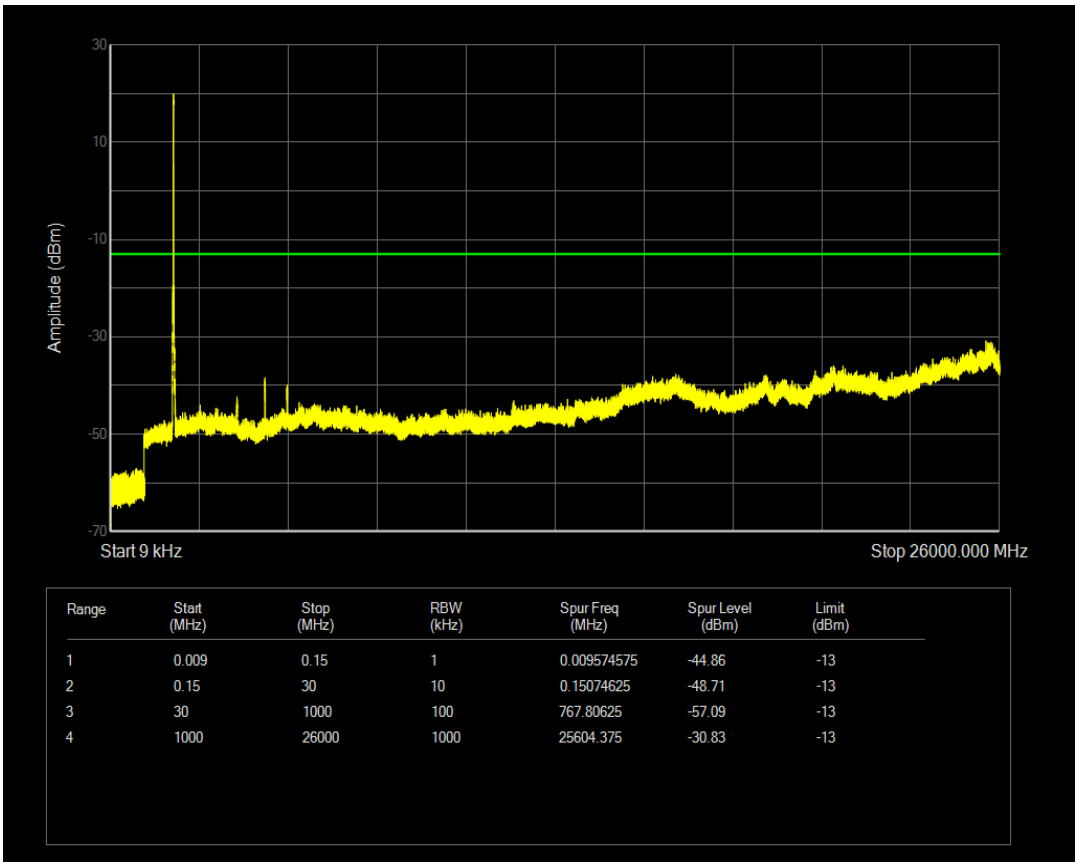
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009800175	-46.67	-13
2	0.15	30	10	0.1574625	-48.59	-13
3	30	1000	100	763.1745	-56.1	-13
4	1000	26000	1000	25779.375	-30.76	-13

Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



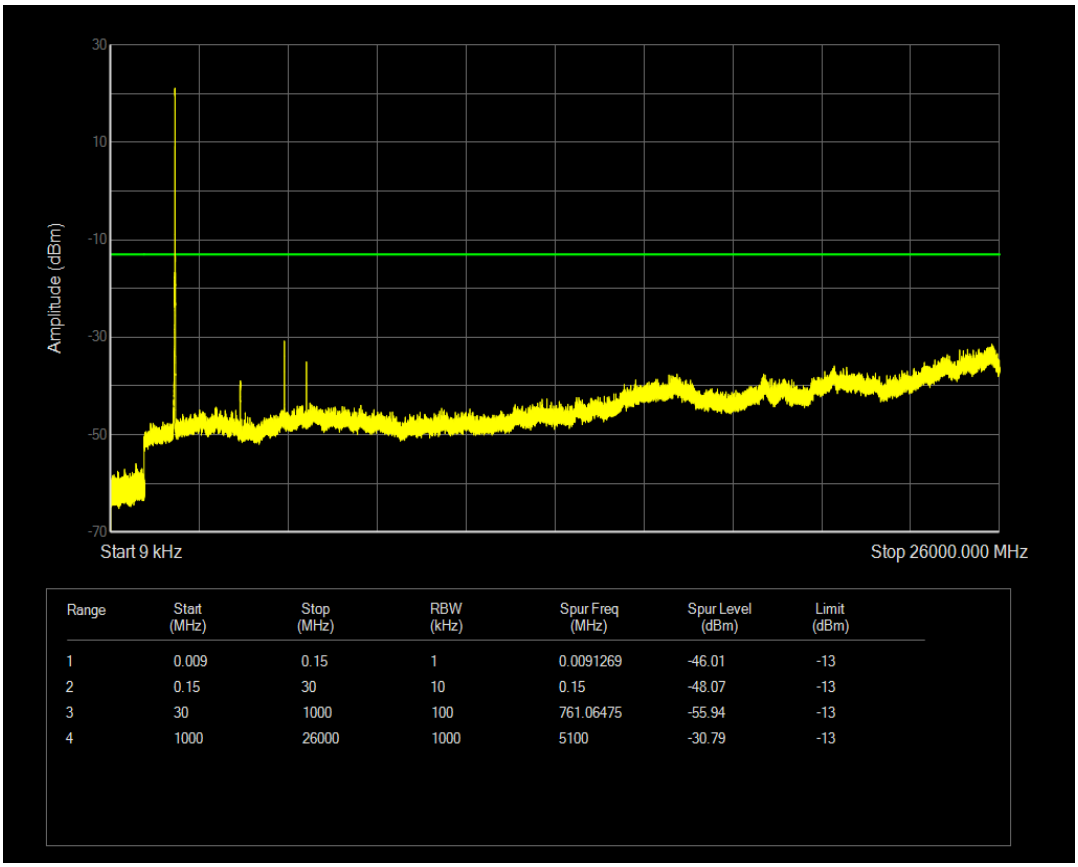
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009306675	-47.31	-13
2	0.15	30	10	0.15820875	-48.81	-13
3	30	1000	100	825.03625	-56.7	-13
4	1000	26000	1000	25878.125	-31.59	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



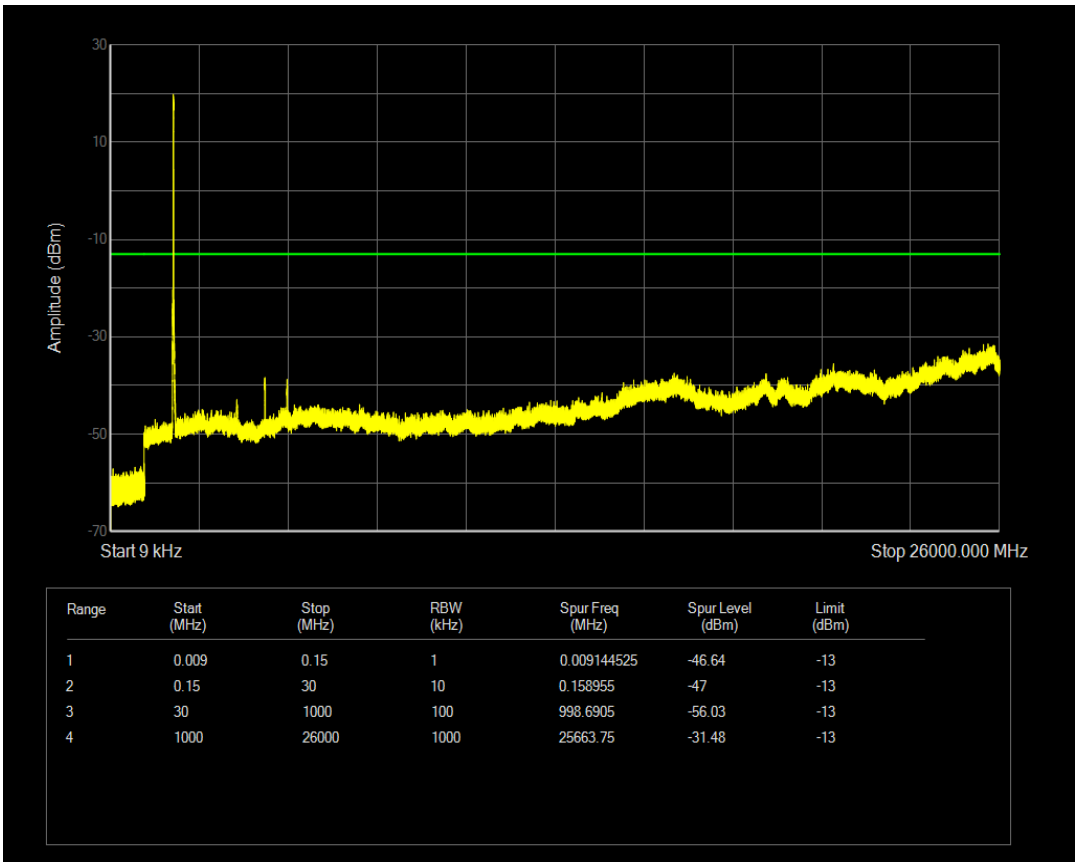
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009574575	-44.86	-13
2	0.15	30	10	0.15074625	-48.71	-13
3	30	1000	100	767.80625	-57.09	-13
4	1000	26000	1000	25604.375	-30.83	-13

Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



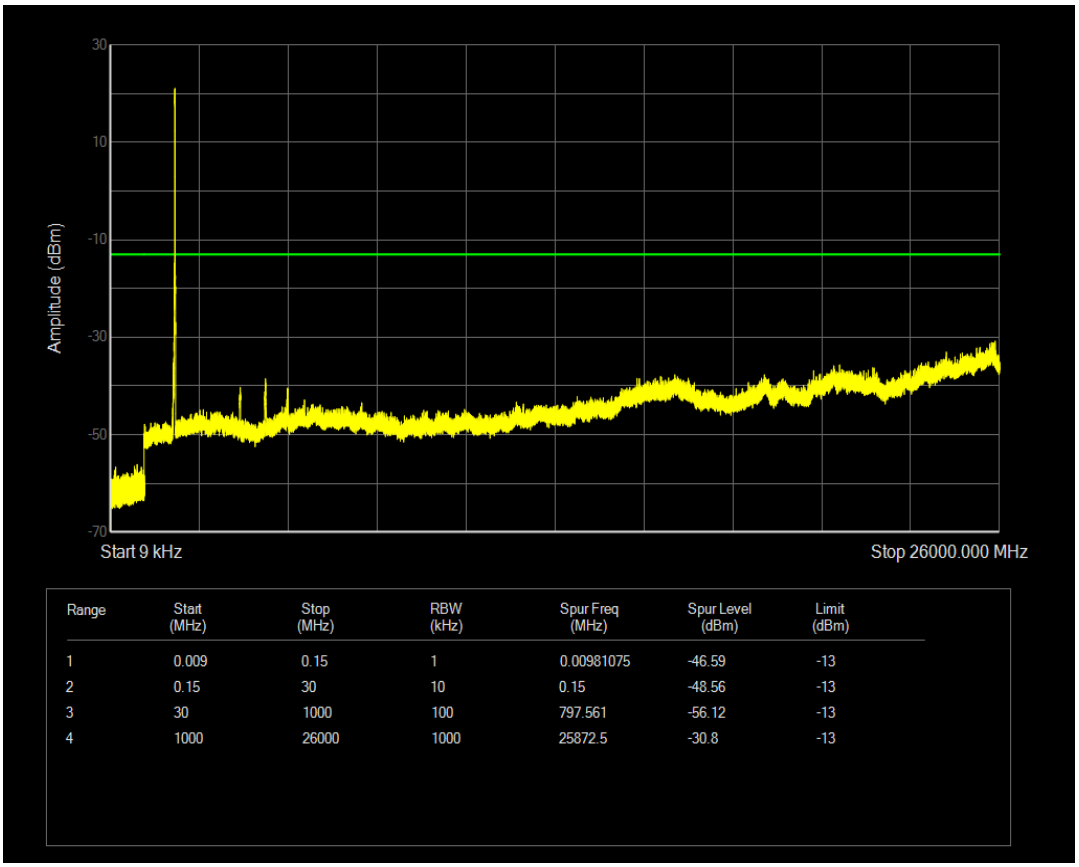
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091269	-46.01	-13
2	0.15	30	10	0.15	-48.07	-13
3	30	1000	100	761.06475	-55.94	-13
4	1000	26000	1000	5100	-30.79	-13

Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



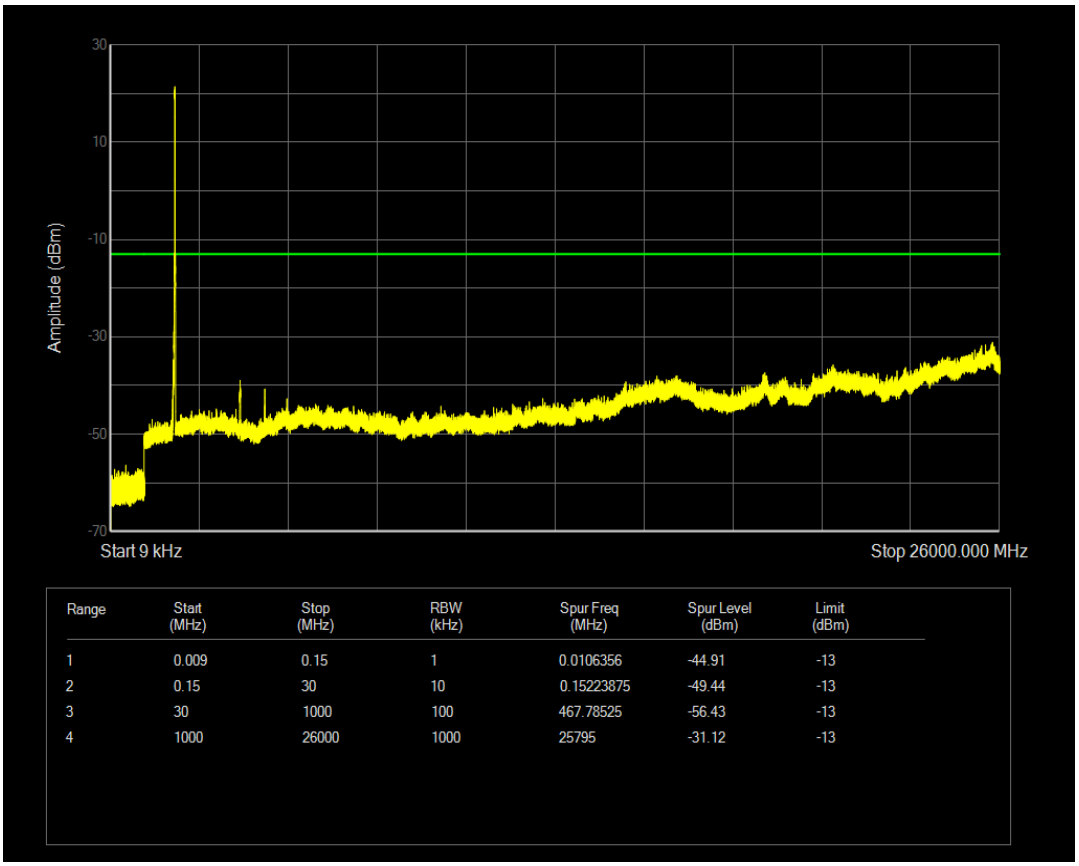
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009144525	-46.64	-13
2	0.15	30	10	0.158955	-47	-13
3	30	1000	100	998.6905	-56.03	-13
4	1000	26000	1000	25663.75	-31.48	-13

Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



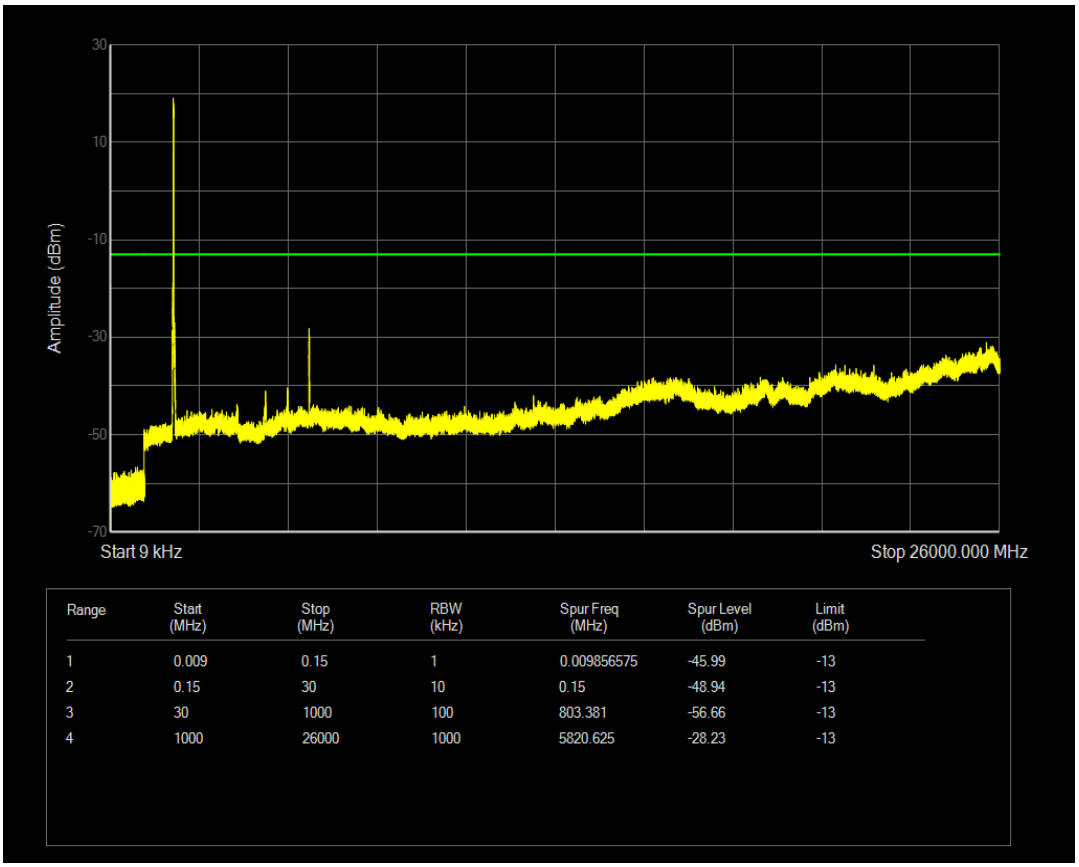
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00981075	-46.59	-13
2	0.15	30	10	0.15	-48.56	-13
3	30	1000	100	797.561	-56.12	-13
4	1000	26000	1000	25872.5	-30.8	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



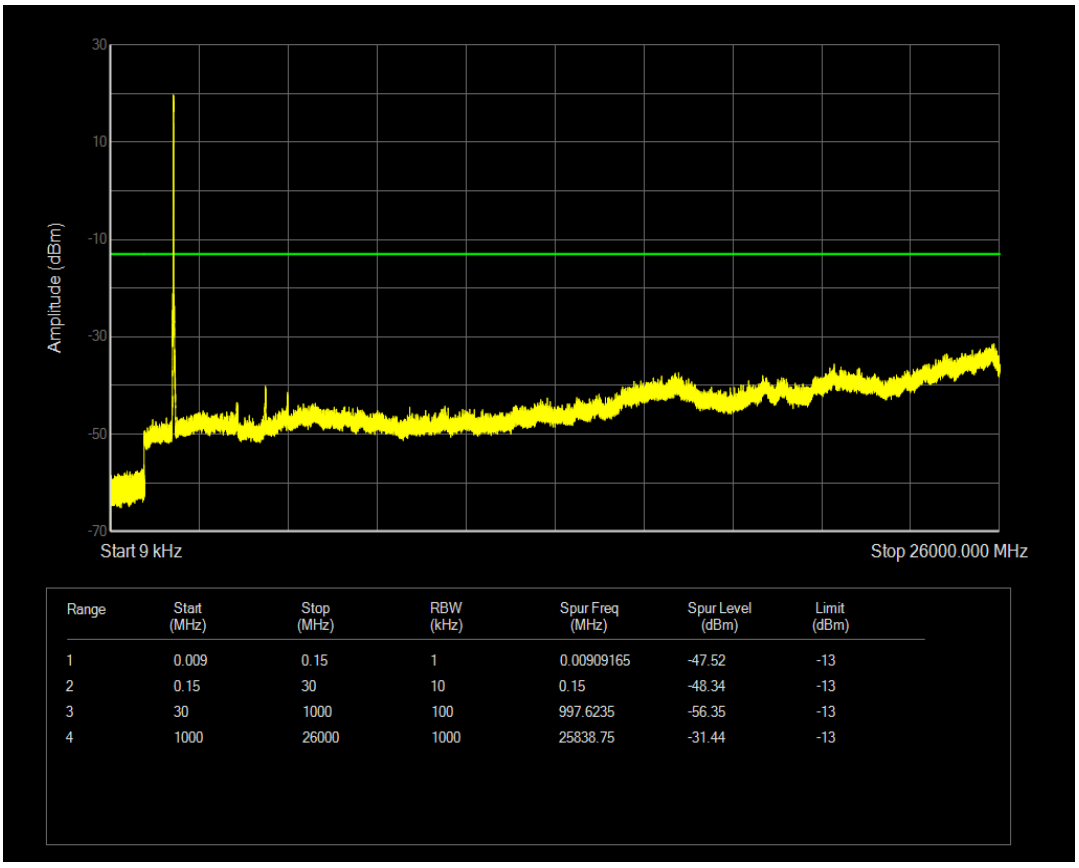
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106356	-44.91	-13
2	0.15	30	10	0.15223875	-49.44	-13
3	30	1000	100	467.78525	-56.43	-13
4	1000	26000	1000	25795	-31.12	-13

Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



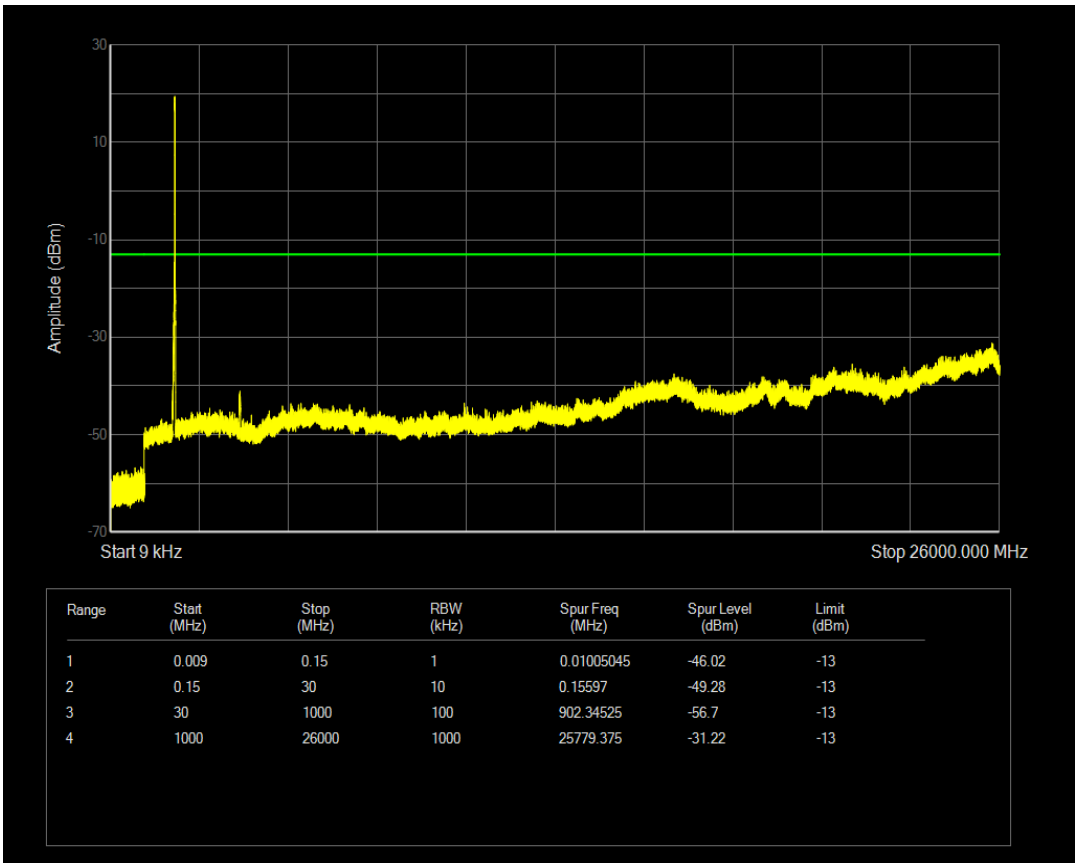
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009856575	-45.99	-13
2	0.15	30	10	0.15	-48.94	-13
3	30	1000	100	803.381	-56.66	-13
4	1000	26000	1000	5820.625	-28.23	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



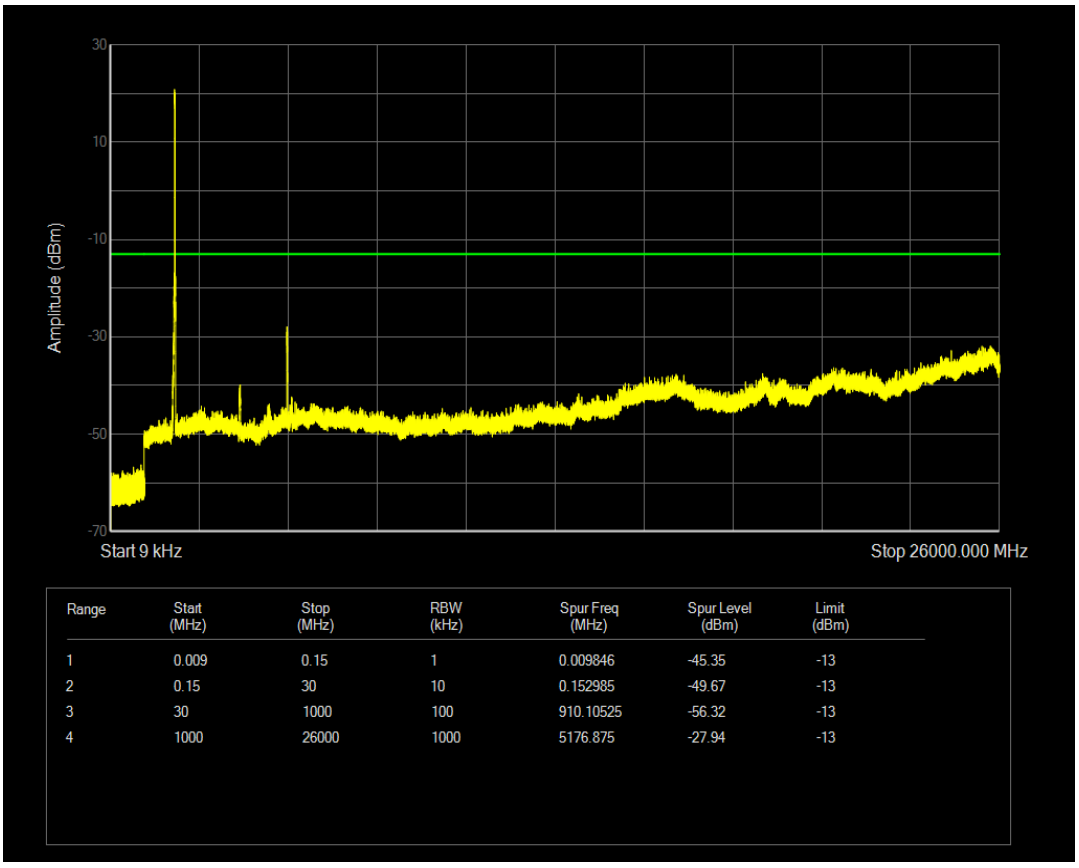
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00909165	-47.52	-13
2	0.15	30	10	0.15	-48.34	-13
3	30	1000	100	997.6235	-56.35	-13
4	1000	26000	1000	25838.75	-31.44	-13

Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



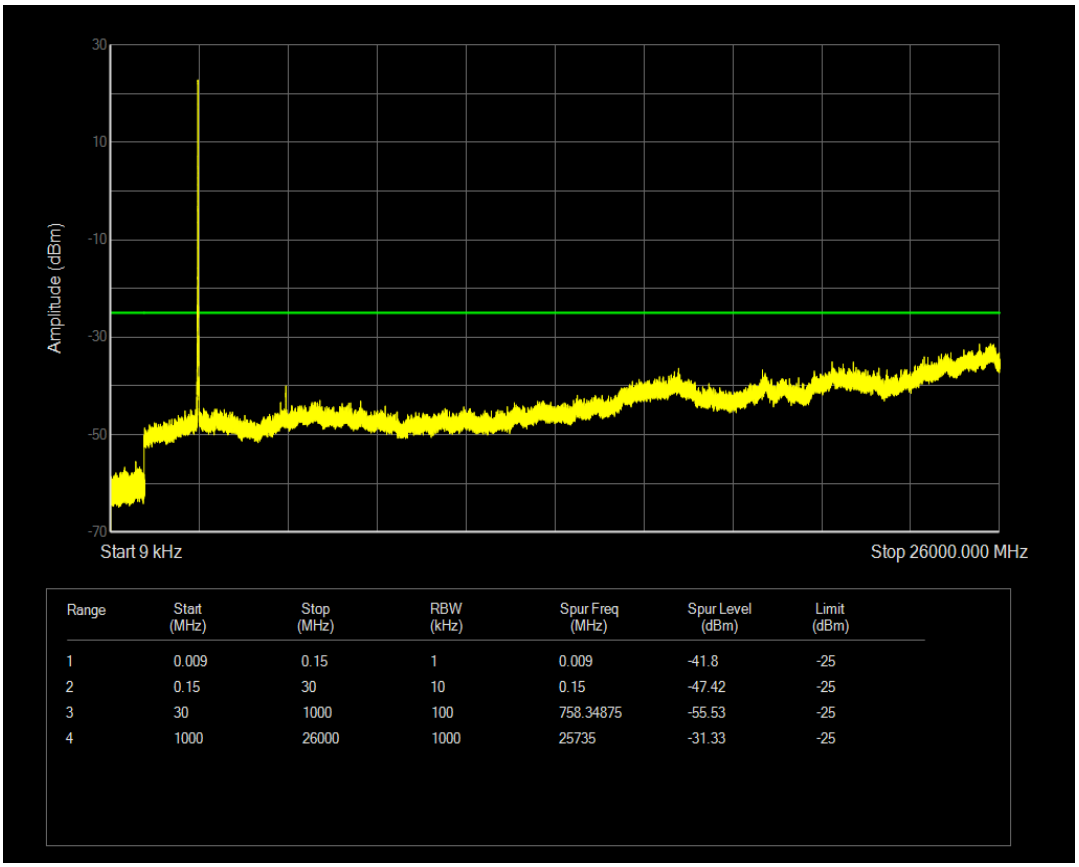
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01005045	-46.02	-13
2	0.15	30	10	0.15597	-49.28	-13
3	30	1000	100	902.34525	-56.7	-13
4	1000	26000	1000	25779.375	-31.22	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



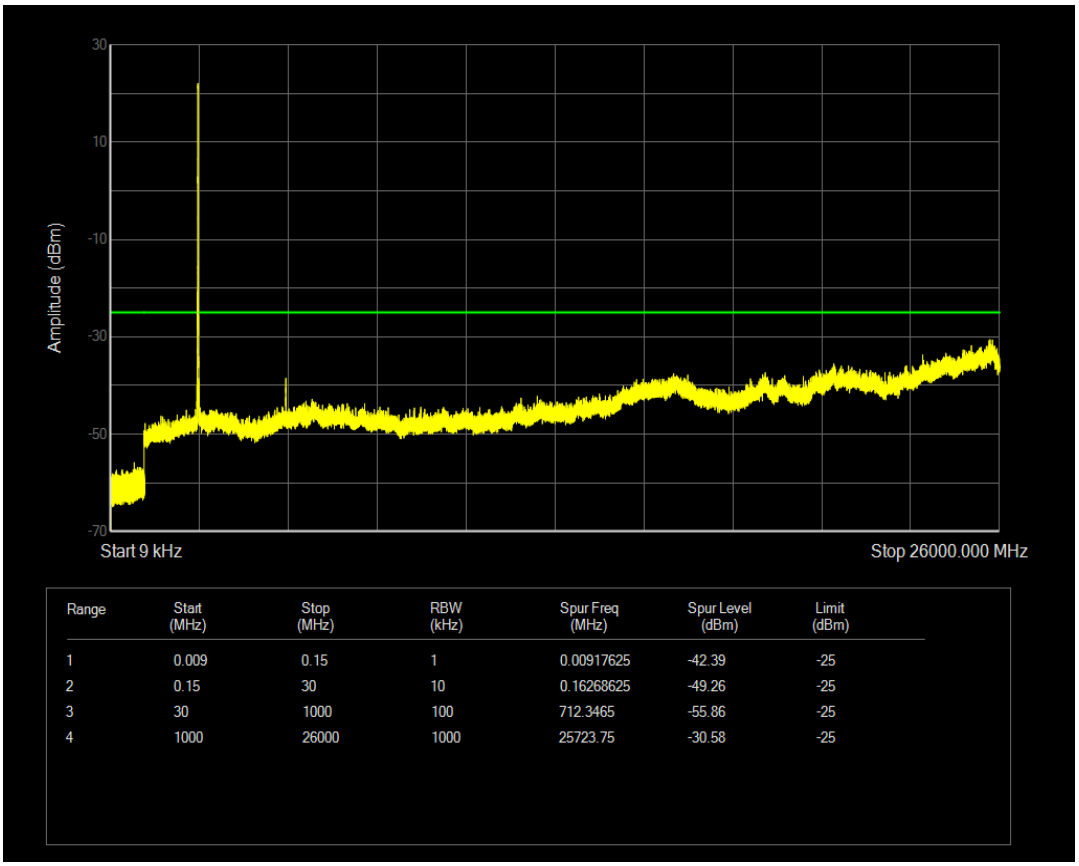
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009846	-45.35	-13
2	0.15	30	10	0.152985	-49.67	-13
3	30	1000	100	910.10525	-56.32	-13
4	1000	26000	1000	5176.875	-27.94	-13

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



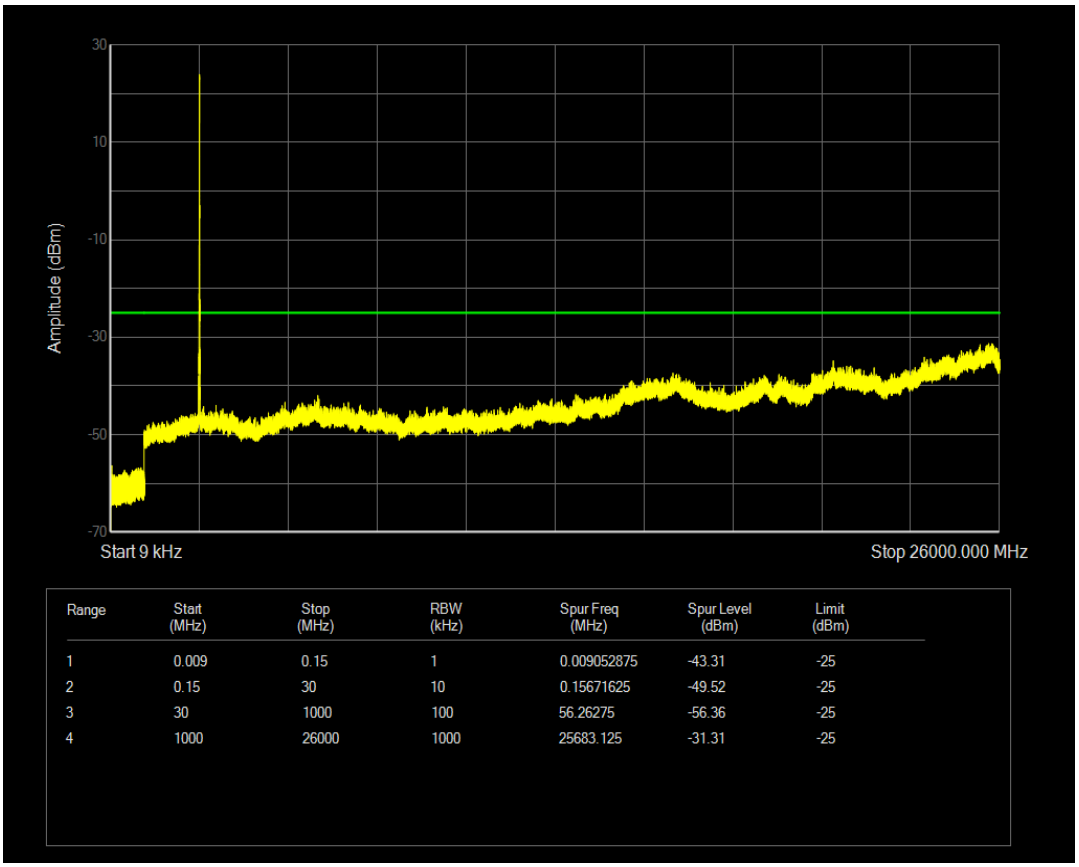
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-41.8	-25
2	0.15	30	10	0.15	-47.42	-25
3	30	1000	100	758.34875	-55.53	-25
4	1000	26000	1000	25735	-31.33	-25

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



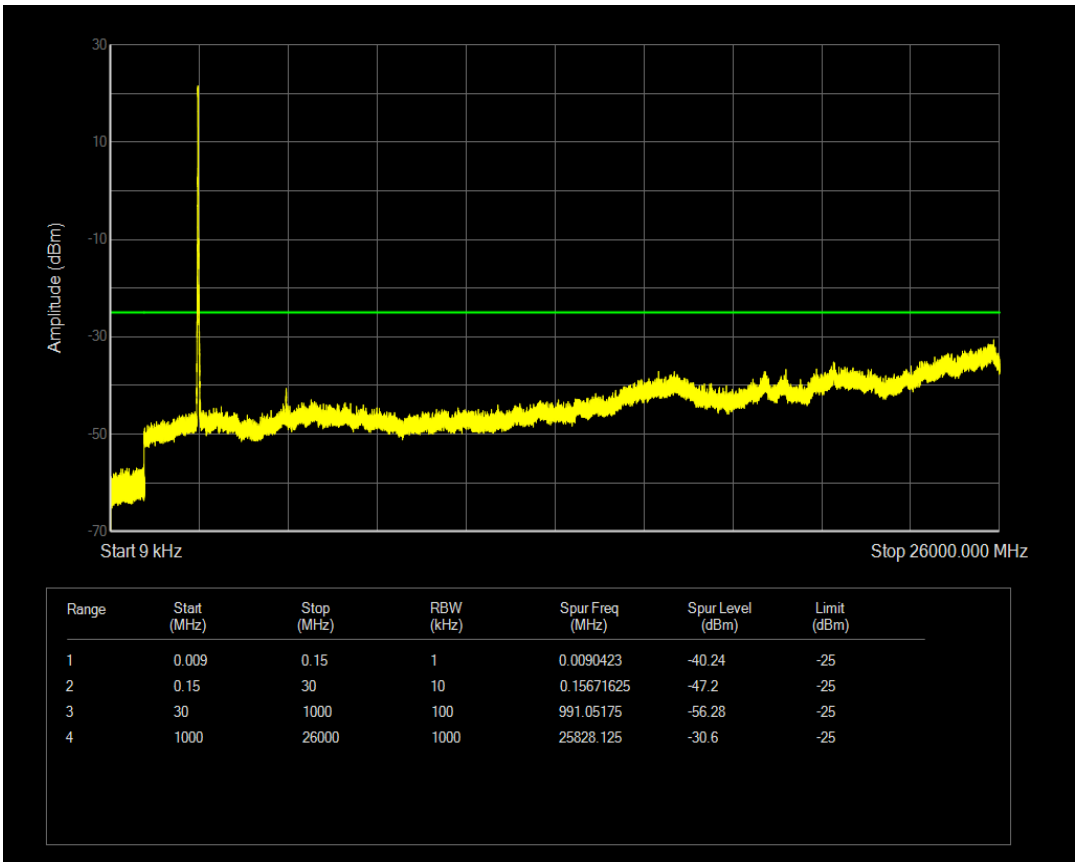
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00917625	-42.39	-25
2	0.15	30	10	0.16268625	-49.26	-25
3	30	1000	100	712.3465	-55.86	-25
4	1000	26000	1000	25723.75	-30.58	-25

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



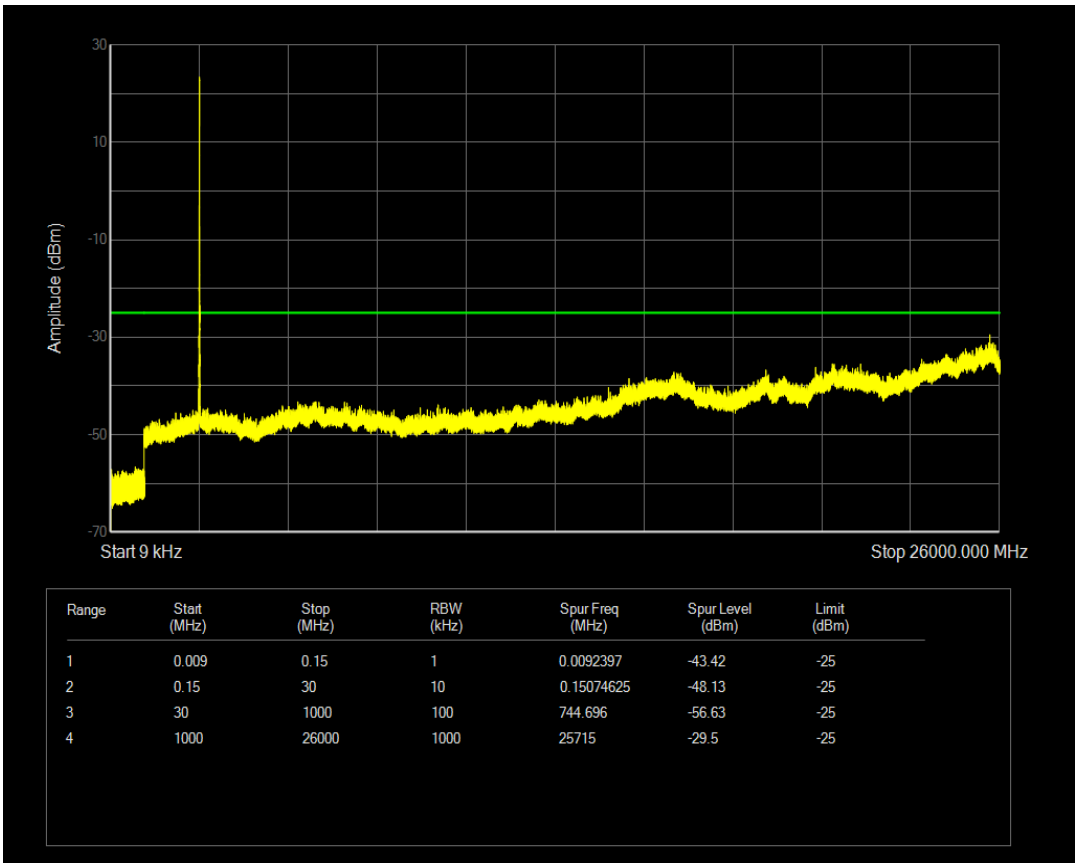
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009052875	-43.31	-25
2	0.15	30	10	0.15671625	-49.52	-25
3	30	1000	100	56.26275	-56.36	-25
4	1000	26000	1000	25683.125	-31.31	-25

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



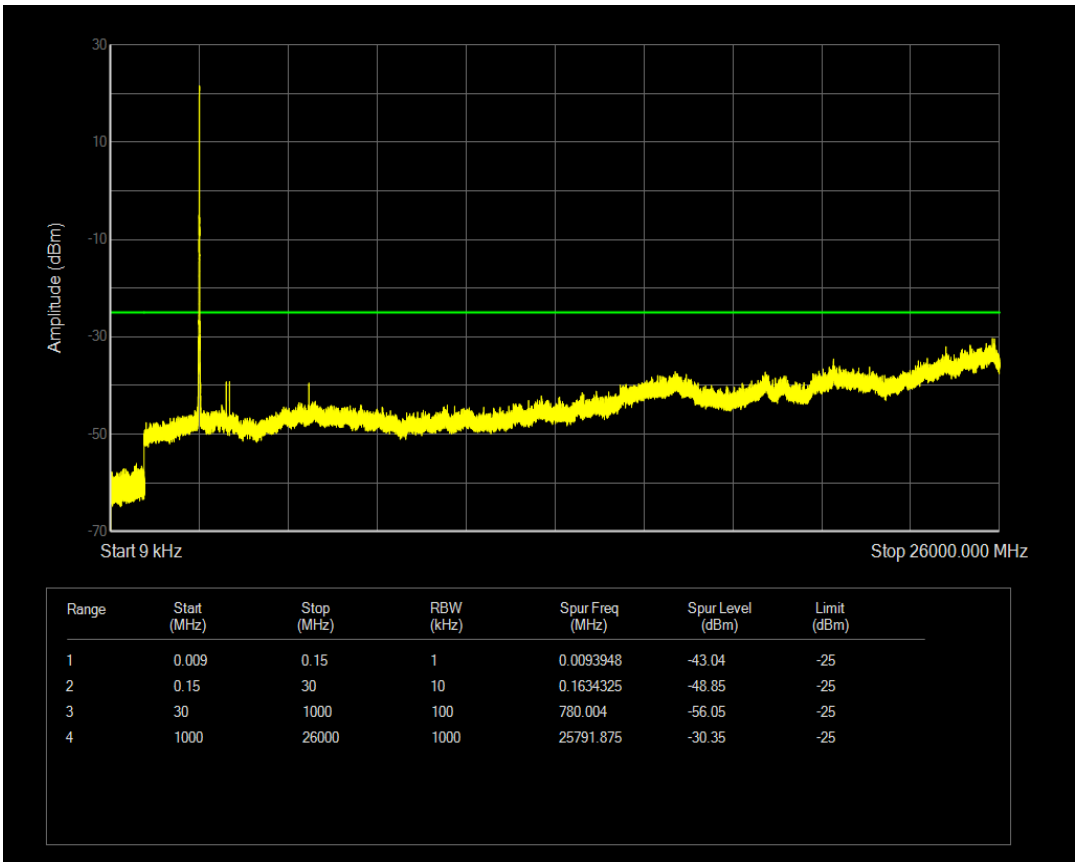
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090423	-40.24	-25
2	0.15	30	10	0.15671625	-47.2	-25
3	30	1000	100	991.05175	-56.28	-25
4	1000	26000	1000	25828.125	-30.6	-25

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



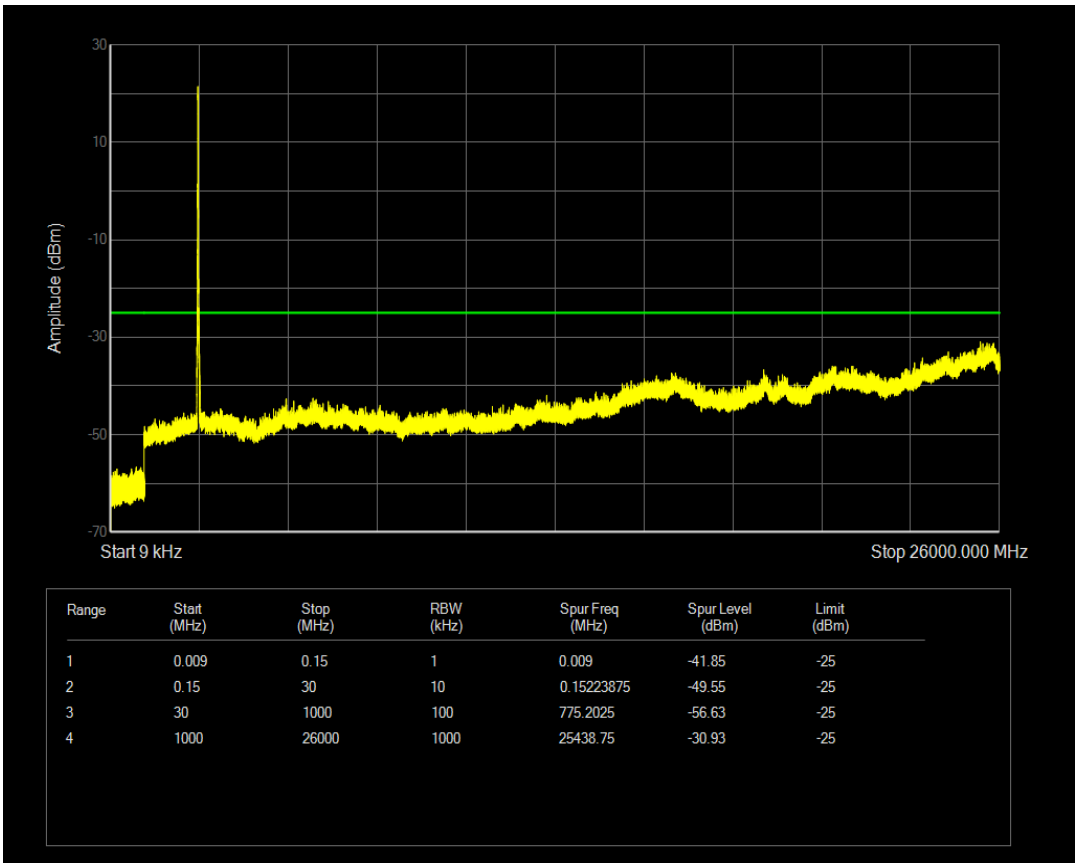
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092397	-43.42	-25
2	0.15	30	10	0.15074625	-48.13	-25
3	30	1000	100	744.696	-56.63	-25
4	1000	26000	1000	25715	-29.5	-25

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



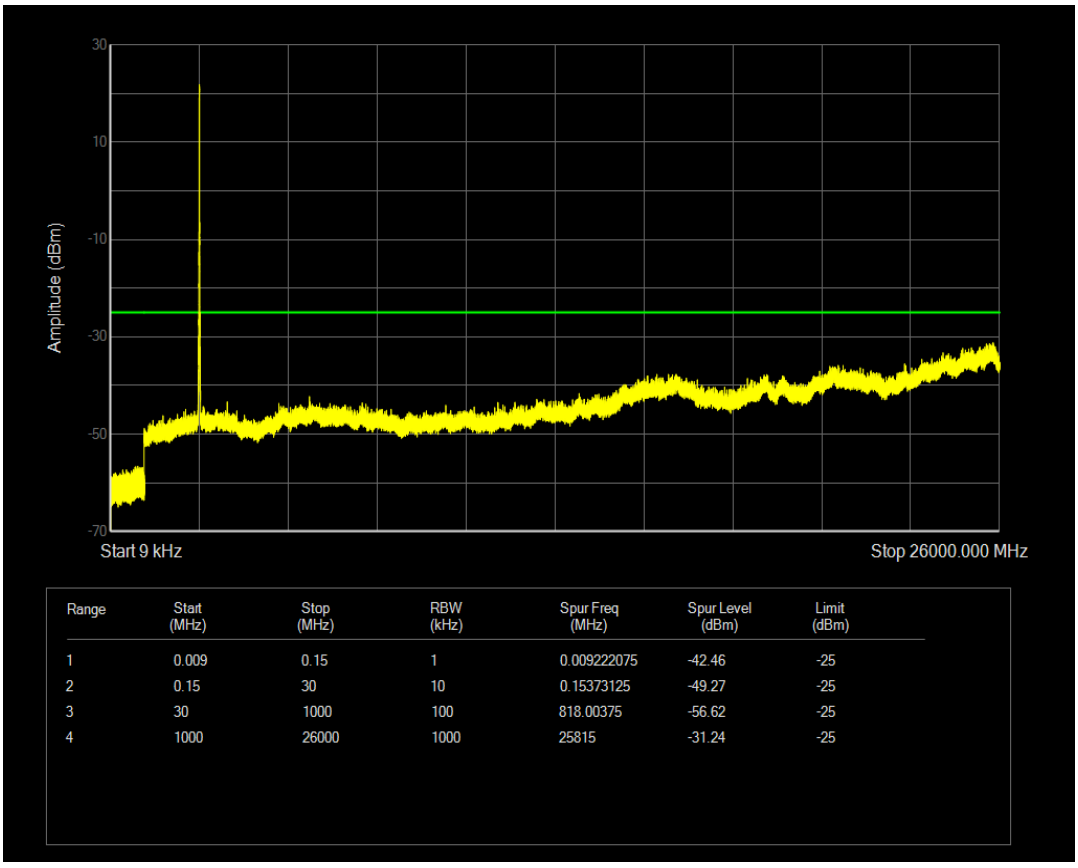
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093948	-43.04	-25
2	0.15	30	10	0.1634325	-48.85	-25
3	30	1000	100	780.004	-56.05	-25
4	1000	26000	1000	25791.875	-30.35	-25

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



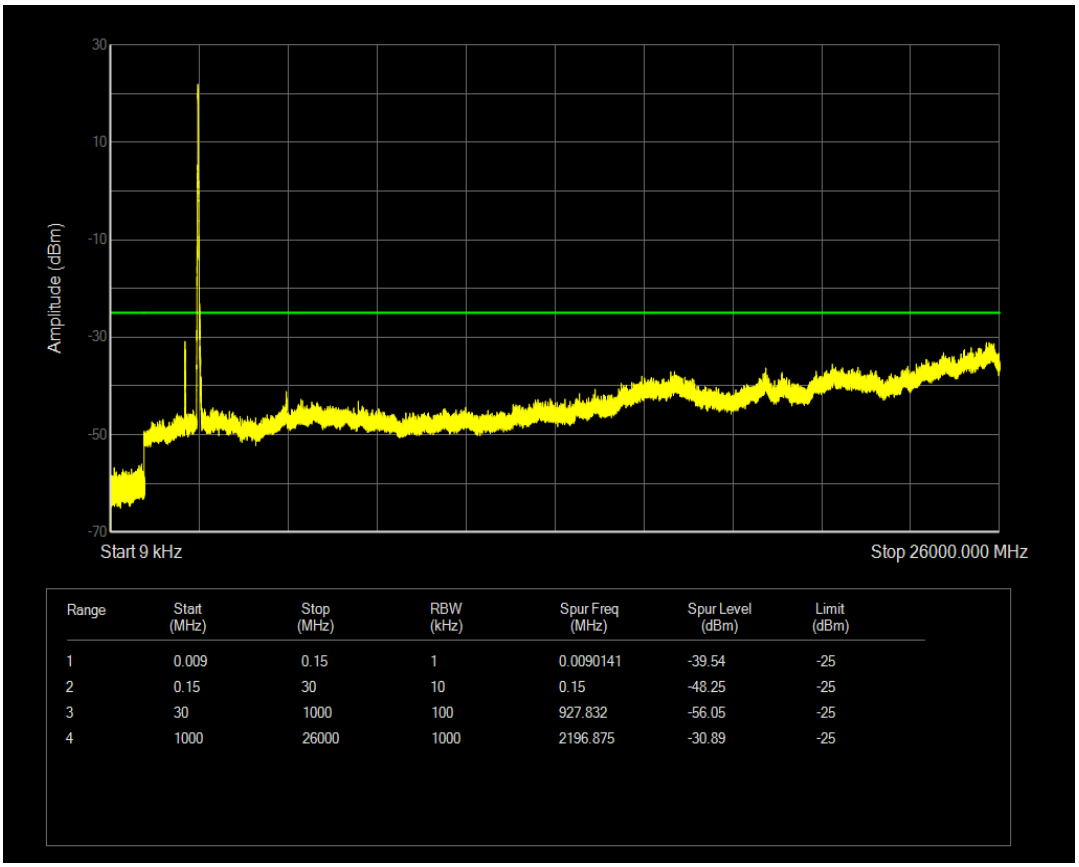
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-41.85	-25
2	0.15	30	10	0.15223875	-49.55	-25
3	30	1000	100	775.2025	-56.63	-25
4	1000	26000	1000	25438.75	-30.93	-25

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



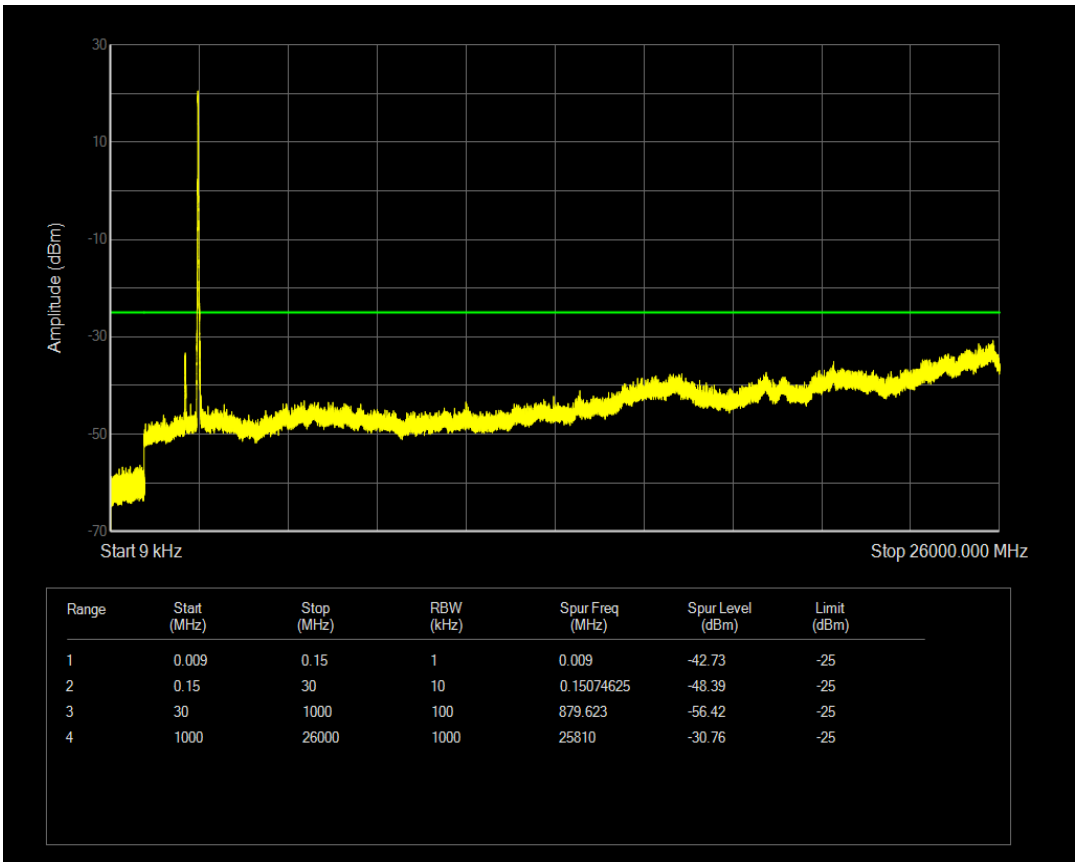
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009222075	-42.46	-25
2	0.15	30	10	0.15373125	-49.27	-25
3	30	1000	100	818.00375	-56.62	-25
4	1000	26000	1000	25815	-31.24	-25

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



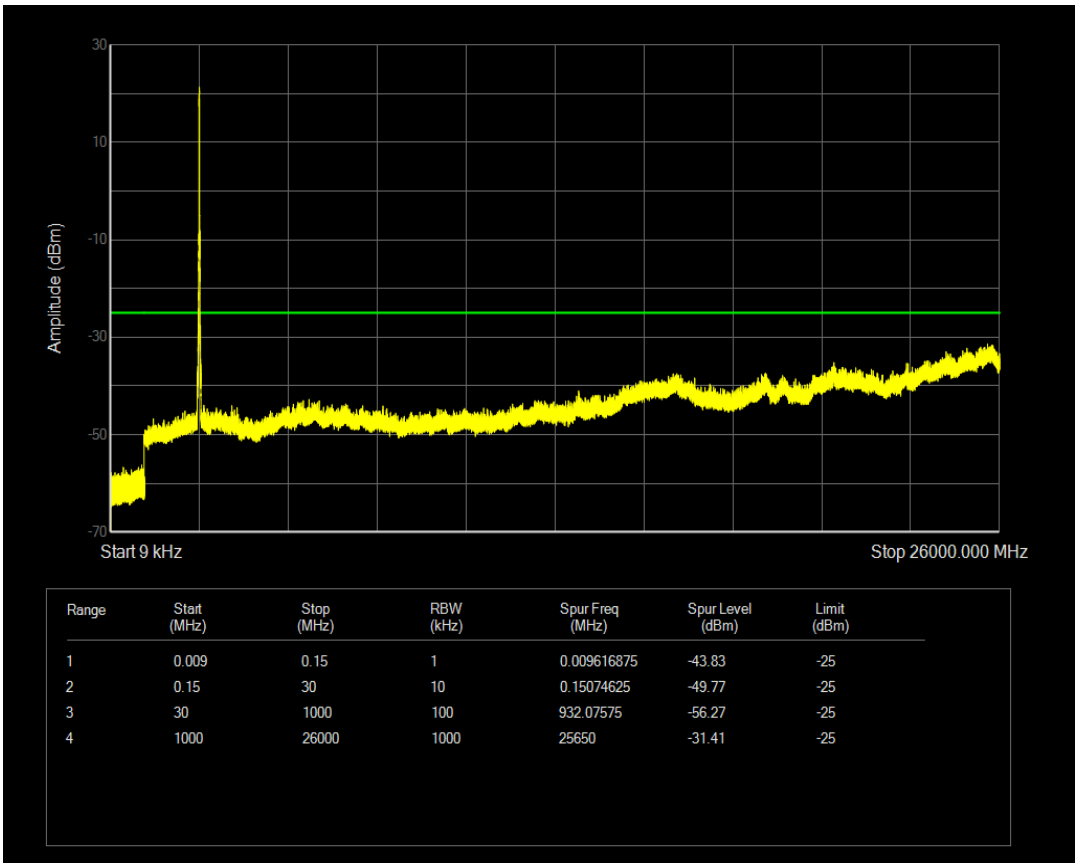
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090141	-39.54	-25
2	0.15	30	10	0.15	-48.25	-25
3	30	1000	100	927.832	-56.05	-25
4	1000	26000	1000	2196.875	-30.89	-25

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



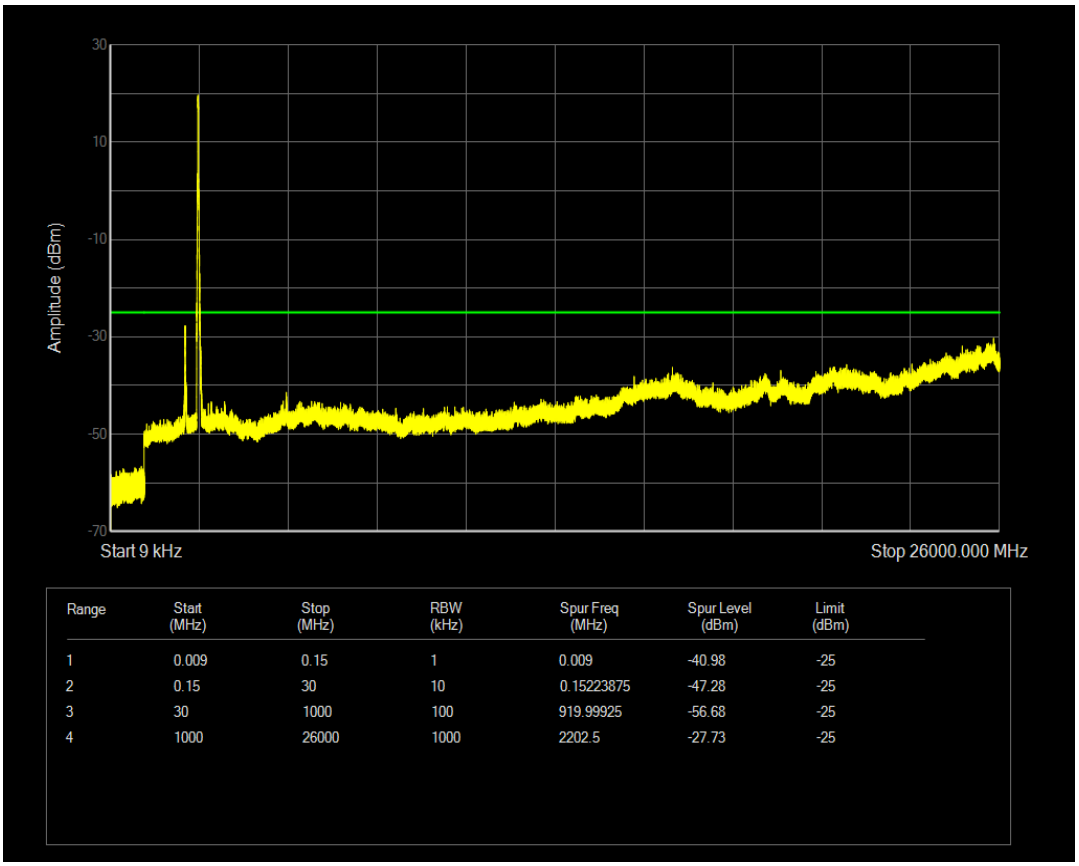
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-42.73	-25
2	0.15	30	10	0.15074625	-48.39	-25
3	30	1000	100	879.623	-56.42	-25
4	1000	26000	1000	25810	-30.76	-25

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



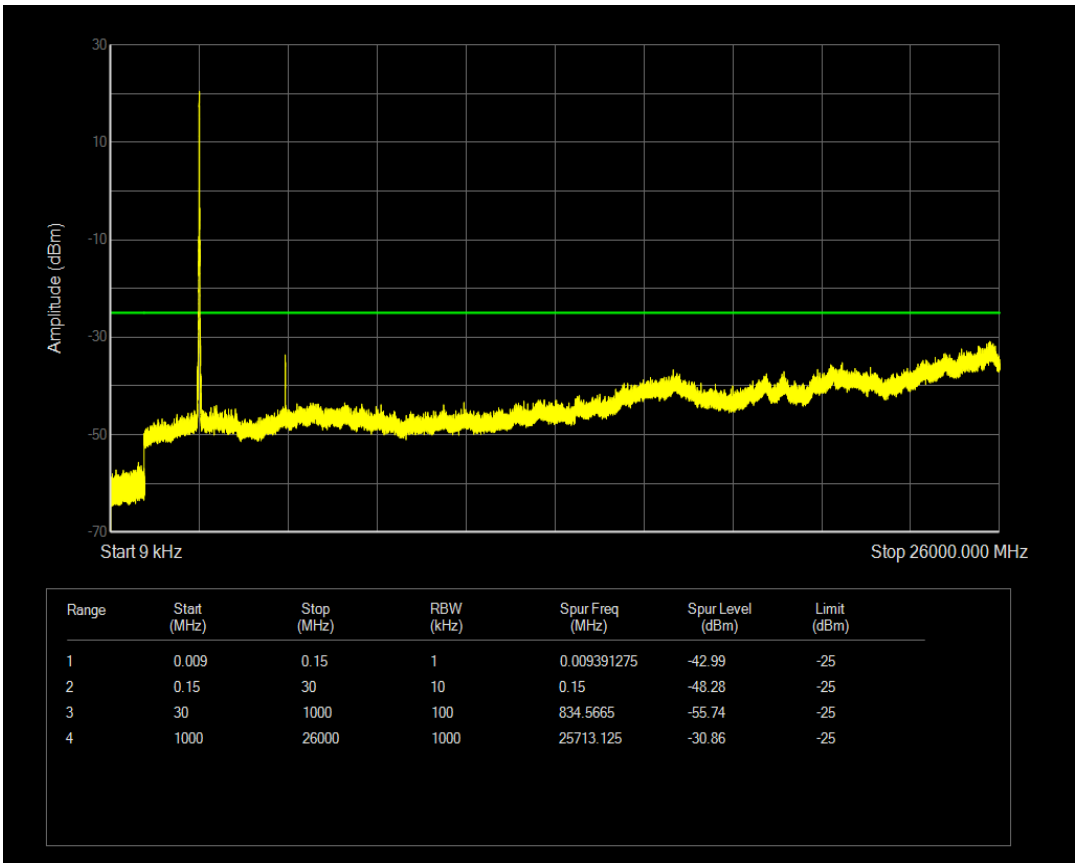
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009616875	-43.83	-25
2	0.15	30	10	0.15074625	-49.77	-25
3	30	1000	100	932.07575	-56.27	-25
4	1000	26000	1000	25650	-31.41	-25

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



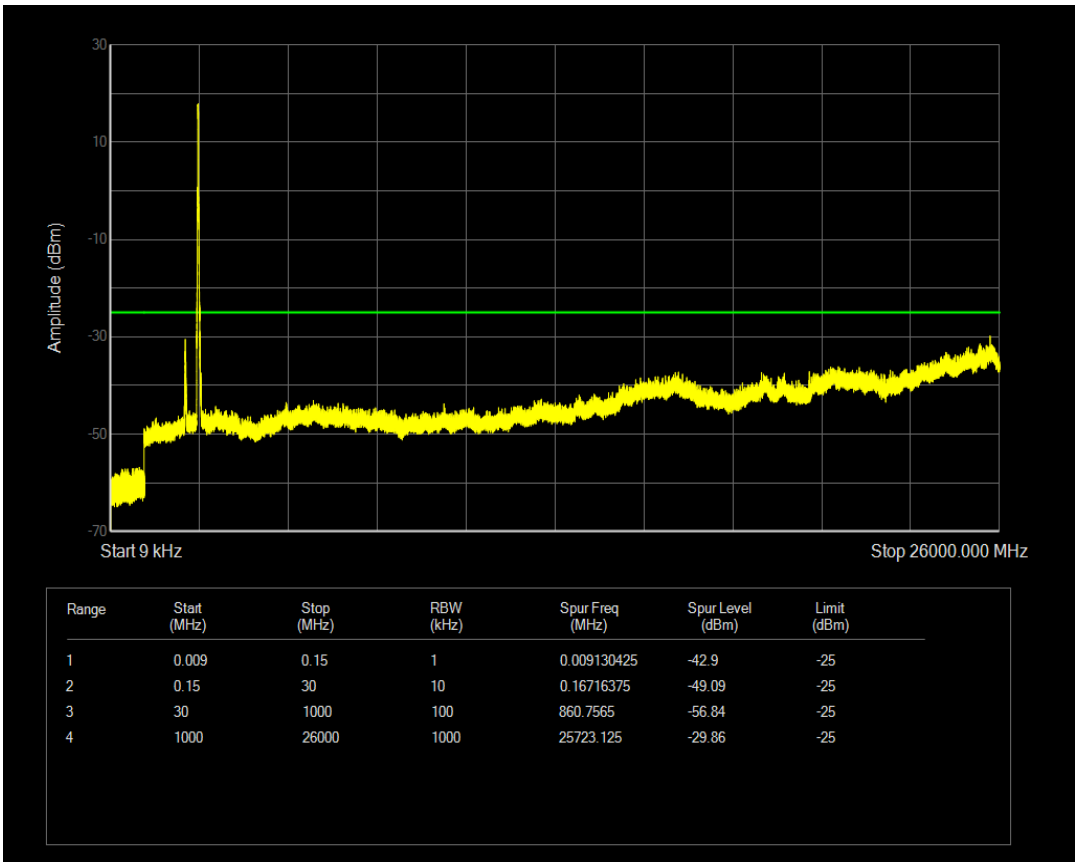
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-40.98	-25
2	0.15	30	10	0.15223875	-47.28	-25
3	30	1000	100	919.99925	-56.68	-25
4	1000	26000	1000	2202.5	-27.73	-25

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



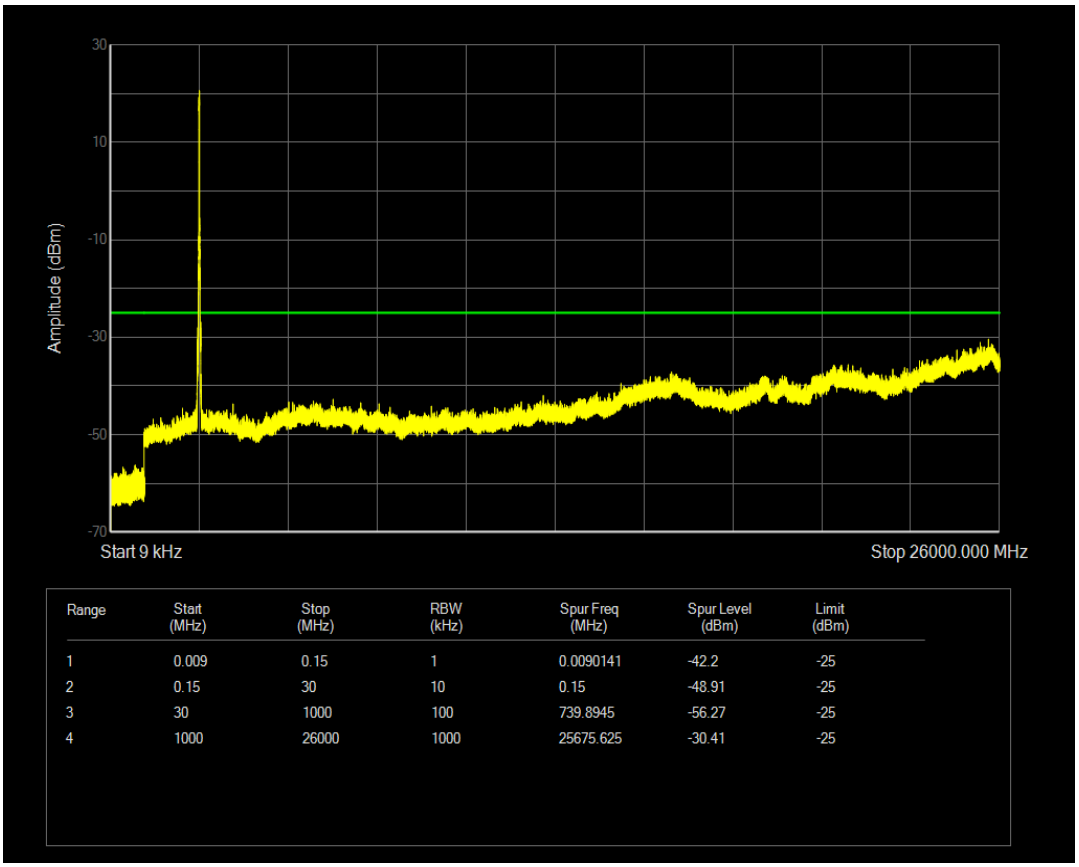
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009391275	-42.99	-25
2	0.15	30	10	0.15	-48.28	-25
3	30	1000	100	834.5665	-55.74	-25
4	1000	26000	1000	25713.125	-30.86	-25

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



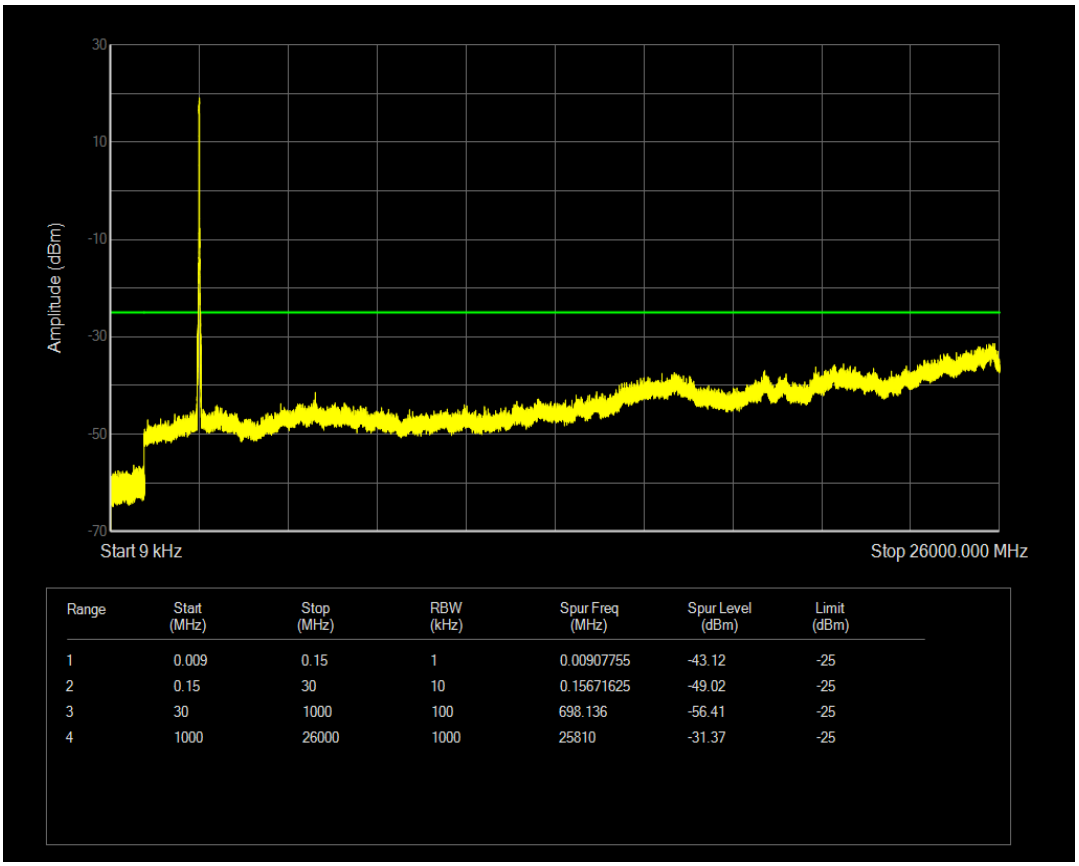
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009130425	-42.9	-25
2	0.15	30	10	0.16716375	-49.09	-25
3	30	1000	100	860.7565	-56.84	-25
4	1000	26000	1000	25723.125	-29.86	-25

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	0.0090141	-42.2	-25
2	0.15	30	10	0.15	-48.91	-25
3	30	1000	100	739.8945	-56.27	-25
4	1000	26000	1000	25675.625	-30.41	-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	0.00907755	-43.12	-25
2	0.15	30	10	0.15671625	-49.02	-25
3	30	1000	100	698.136	-56.41	-25
4	1000	26000	1000	25810	-31.37	-25

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0