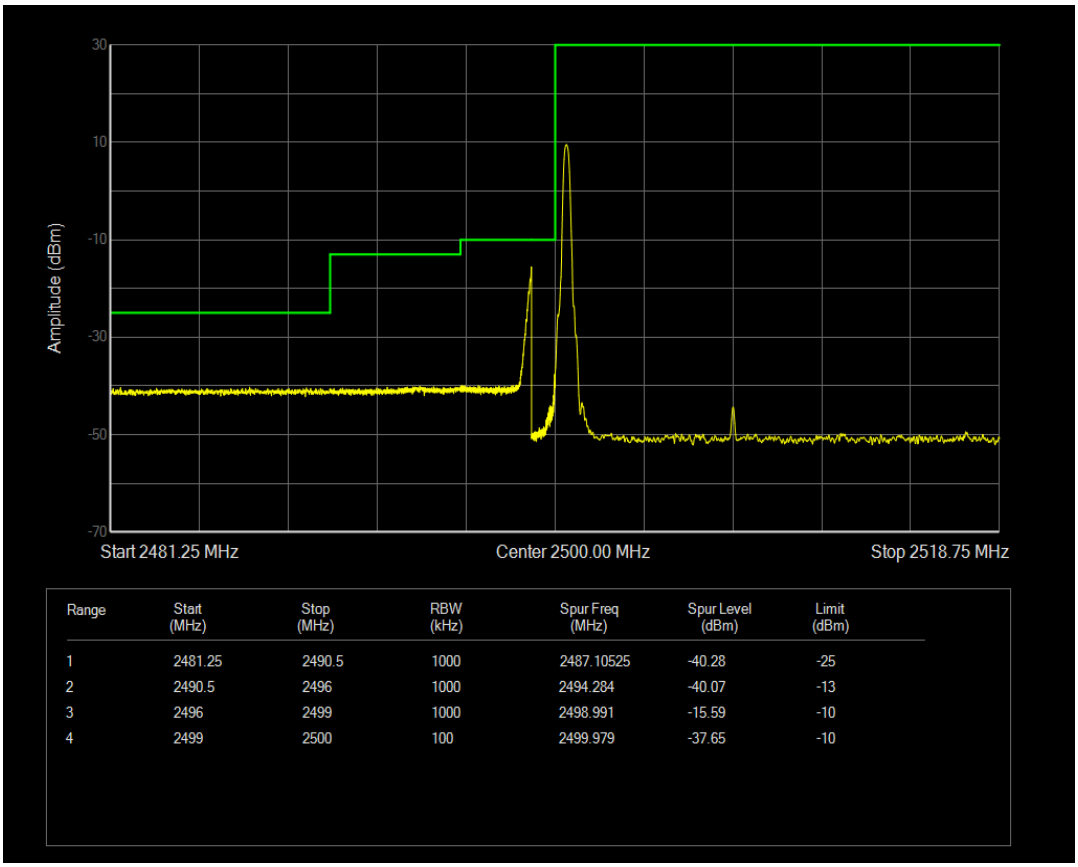
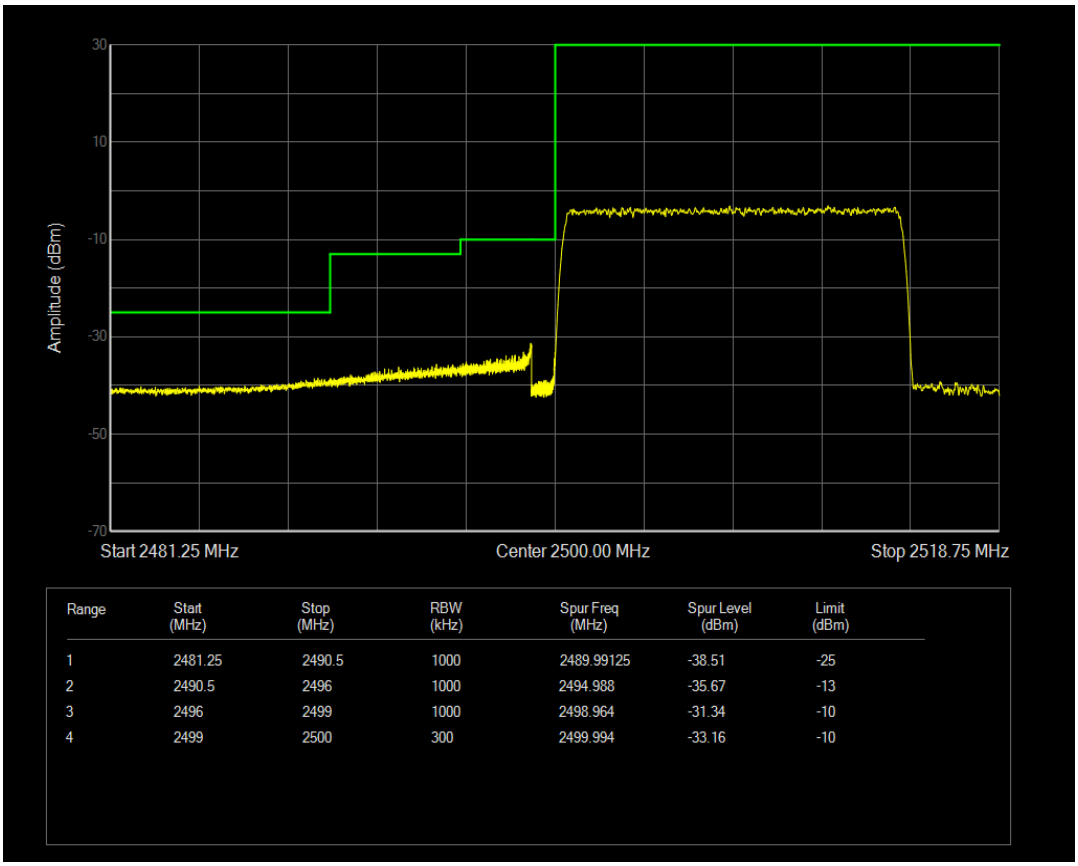


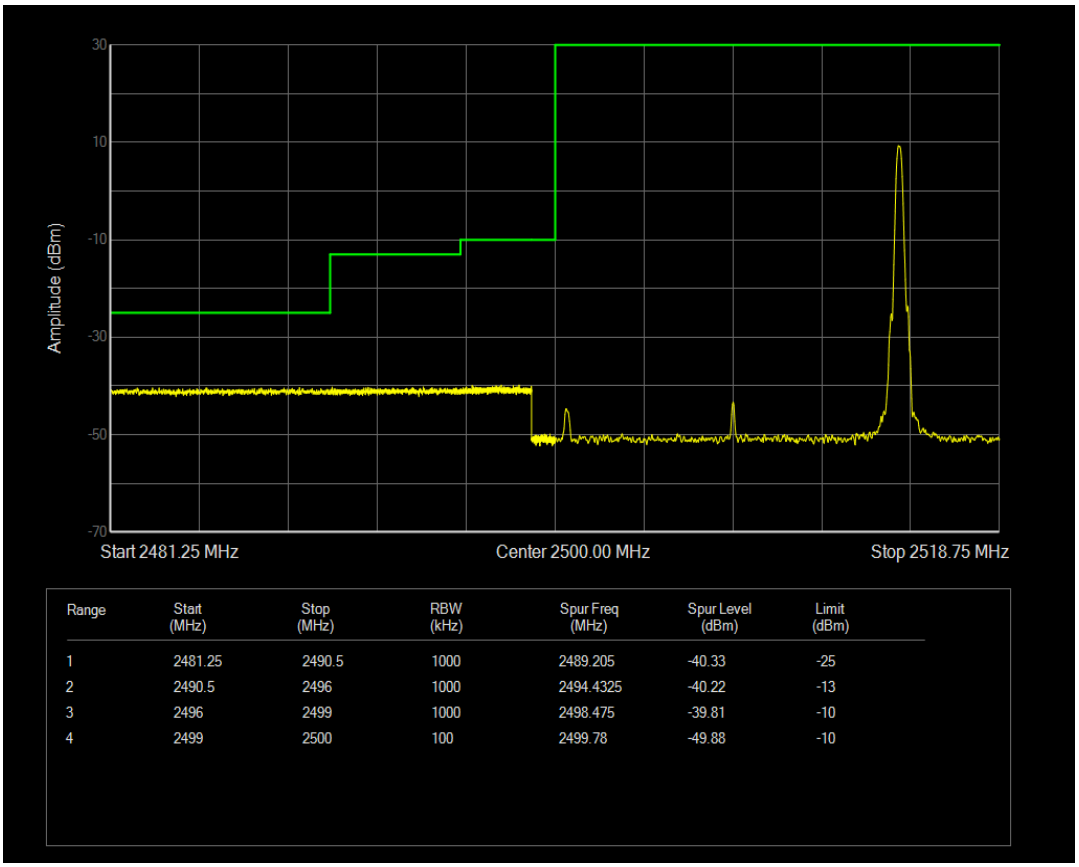
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2487.10525	-40.28	-25
2	2490.5	2496	1000	2494.284	-40.07	-13
3	2496	2499	1000	2498.991	-15.59	-10
4	2499	2500	100	2499.979	-37.65	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=79@0



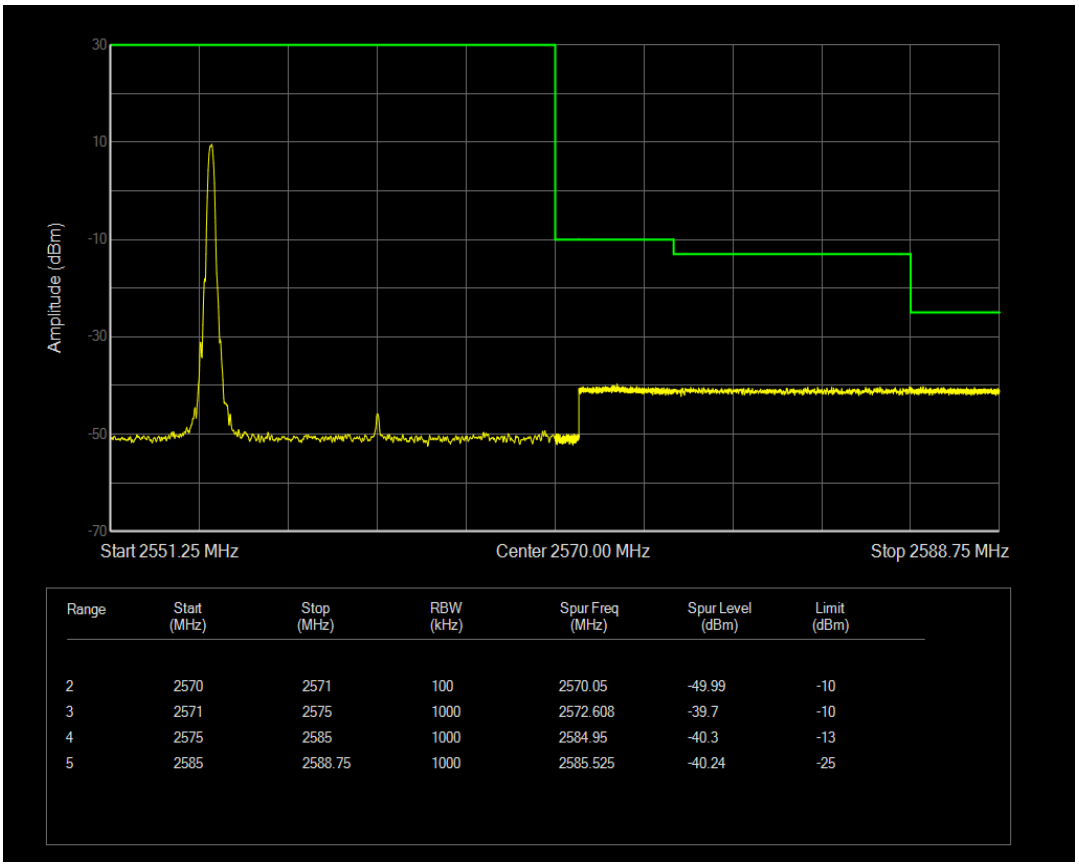
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2489.99125	-38.51	-25
2	2490.5	2496	1000	2494.988	-35.67	-13
3	2496	2499	1000	2498.964	-31.34	-10
4	2499	2500	300	2499.994	-33.16	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@78



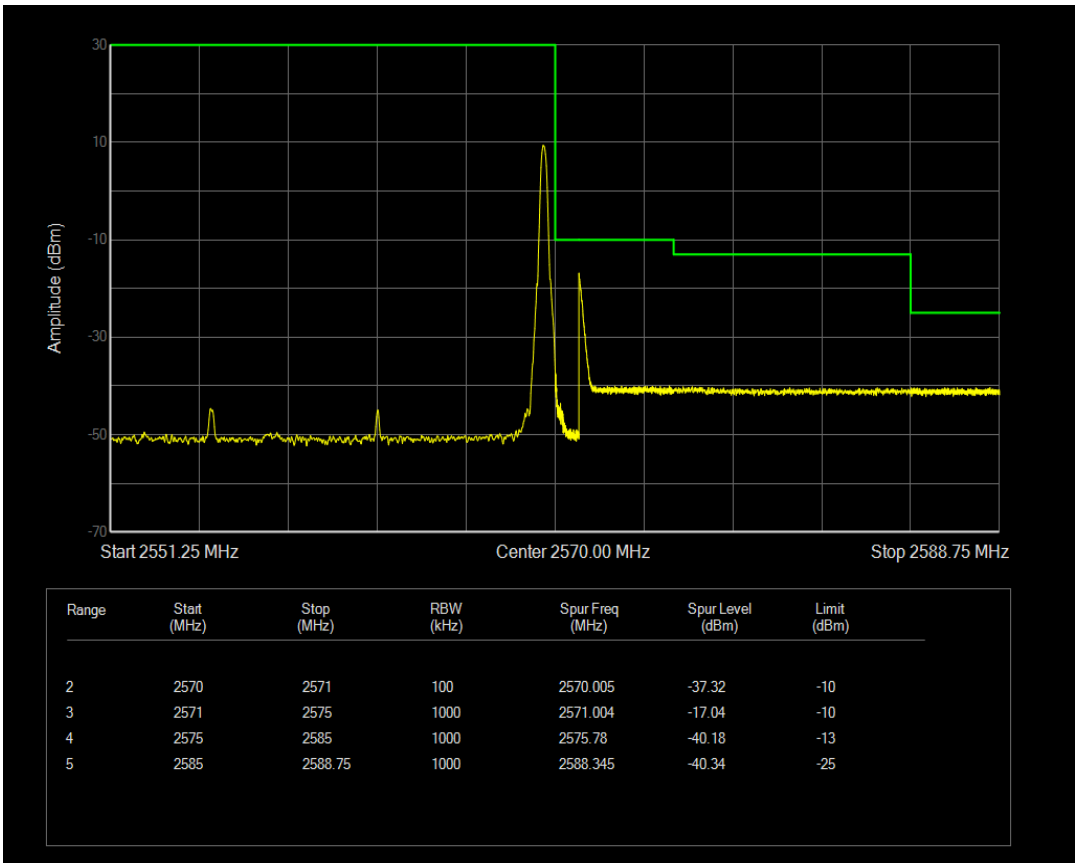
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2489.205	-40.33	-25
2	2490.5	2496	1000	2494.4325	-40.22	-13
3	2496	2499	1000	2498.475	-39.81	-10
4	2499	2500	100	2499.78	-49.88	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@0



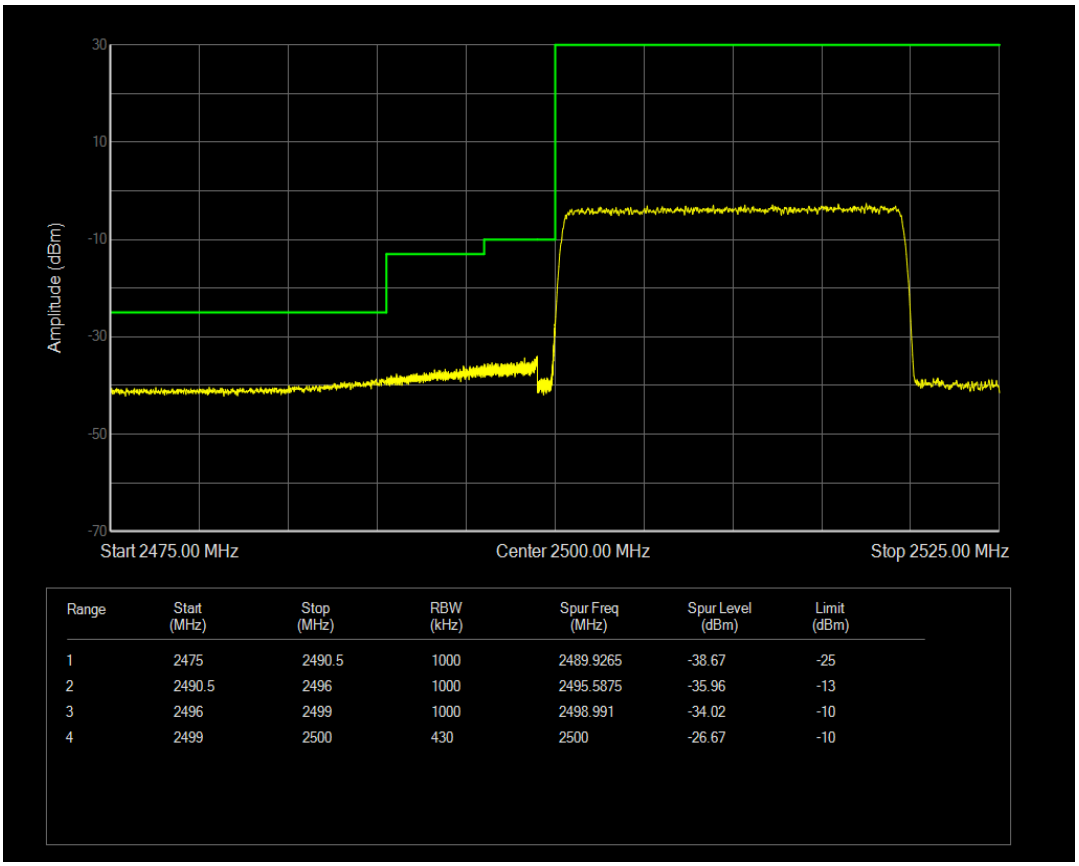
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.05	-49.99	-10
3	2571	2575	1000	2572.608	-39.7	-10
4	2575	2585	1000	2584.95	-40.3	-13
5	2585	2588.75	1000	2585.525	-40.24	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@78



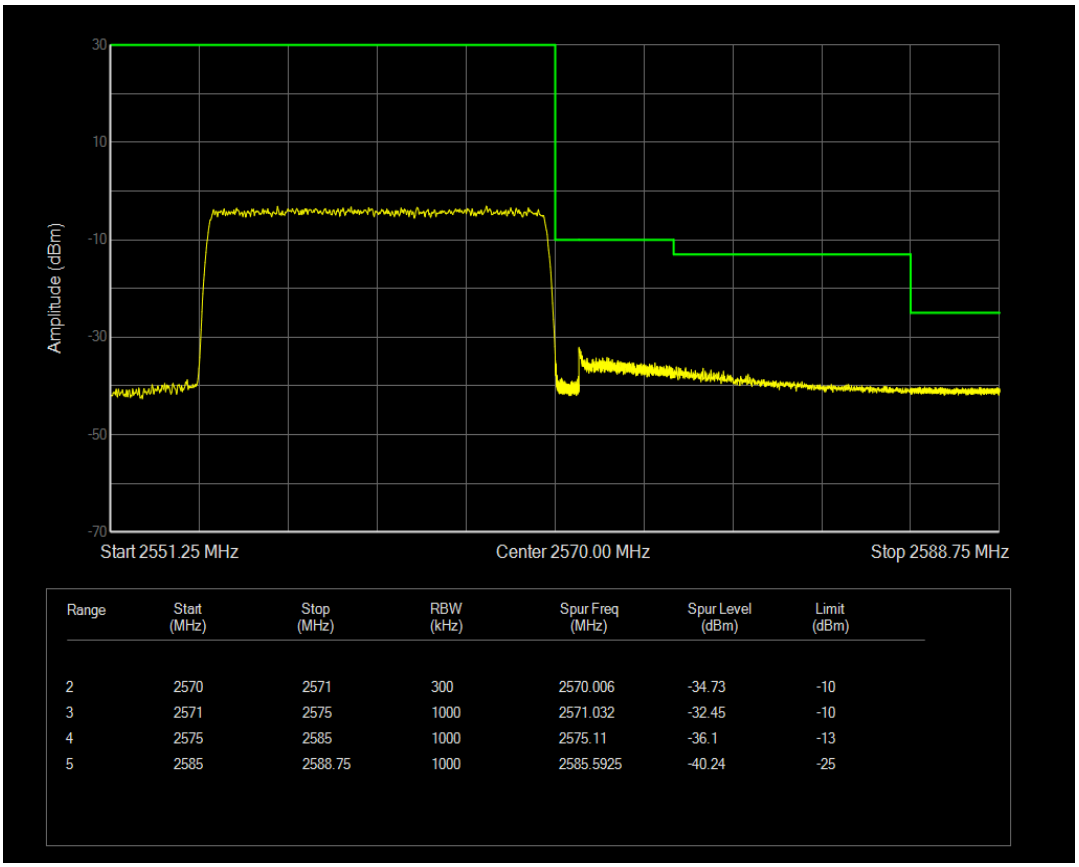
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.005	-37.32	-10
3	2571	2575	1000	2571.004	-17.04	-10
4	2575	2585	1000	2575.78	-40.18	-13
5	2585	2588.75	1000	2588.345	-40.34	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=106@0



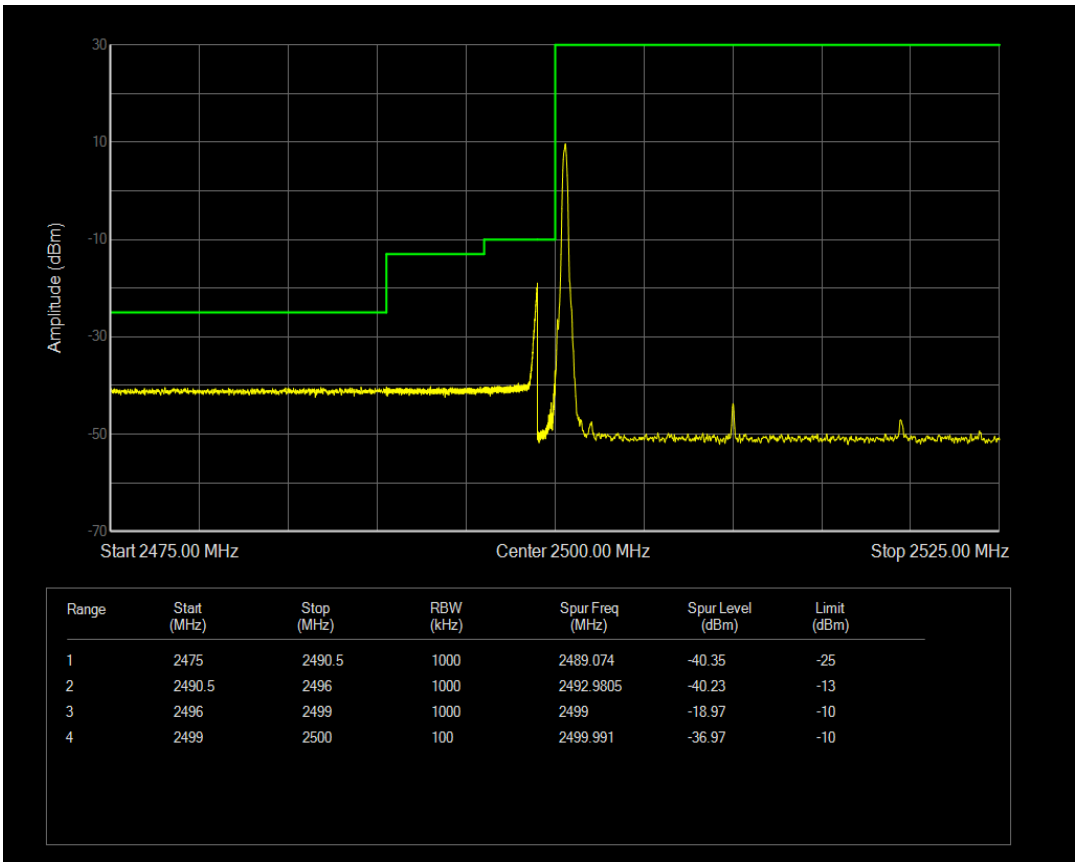
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2489.9265	-38.67	-25
2	2490.5	2496	1000	2495.5875	-35.96	-13
3	2496	2499	1000	2498.991	-34.02	-10
4	2499	2500	430	2500	-26.67	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=79@0



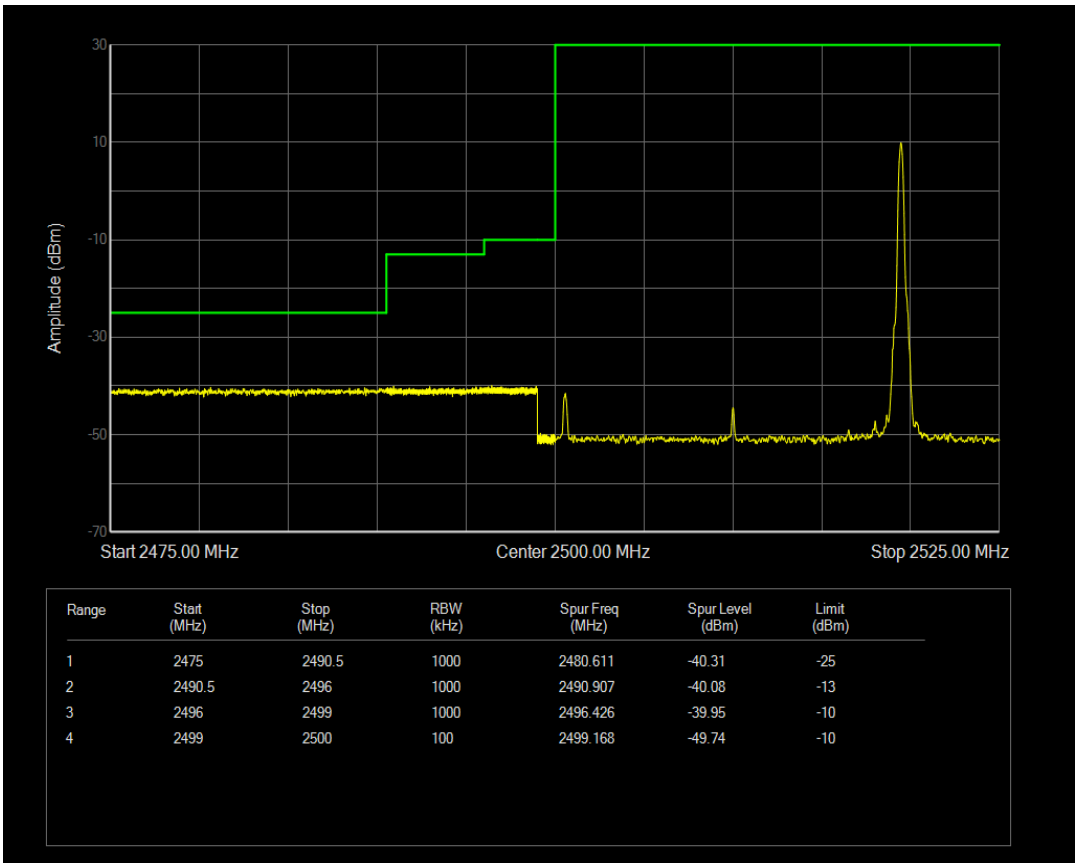
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.006	-34.73	-10
3	2571	2575	1000	2571.032	-32.45	-10
4	2575	2585	1000	2575.11	-36.1	-13
5	2585	2588.75	1000	2585.5925	-40.24	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@0



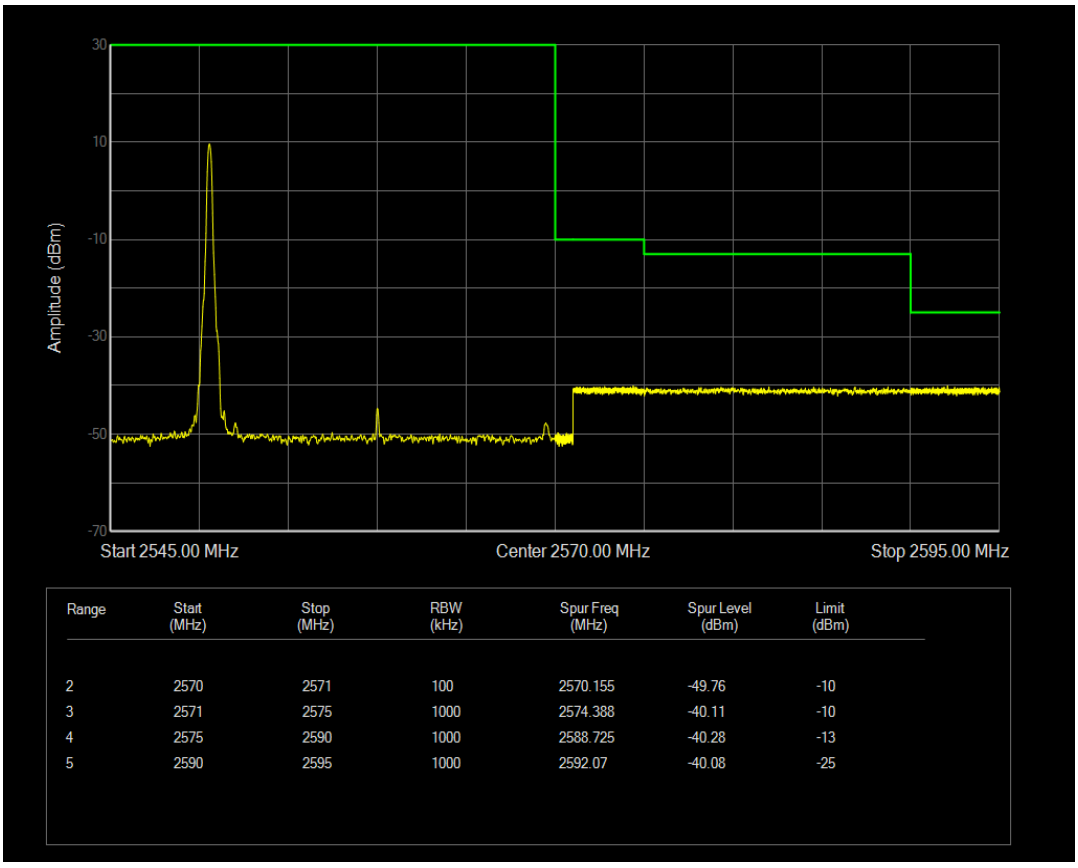
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2489.074	-40.35	-25
2	2490.5	2496	1000	2492.9805	-40.23	-13
3	2496	2499	1000	2499	-18.97	-10
4	2499	2500	100	2499.991	-36.97	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@105



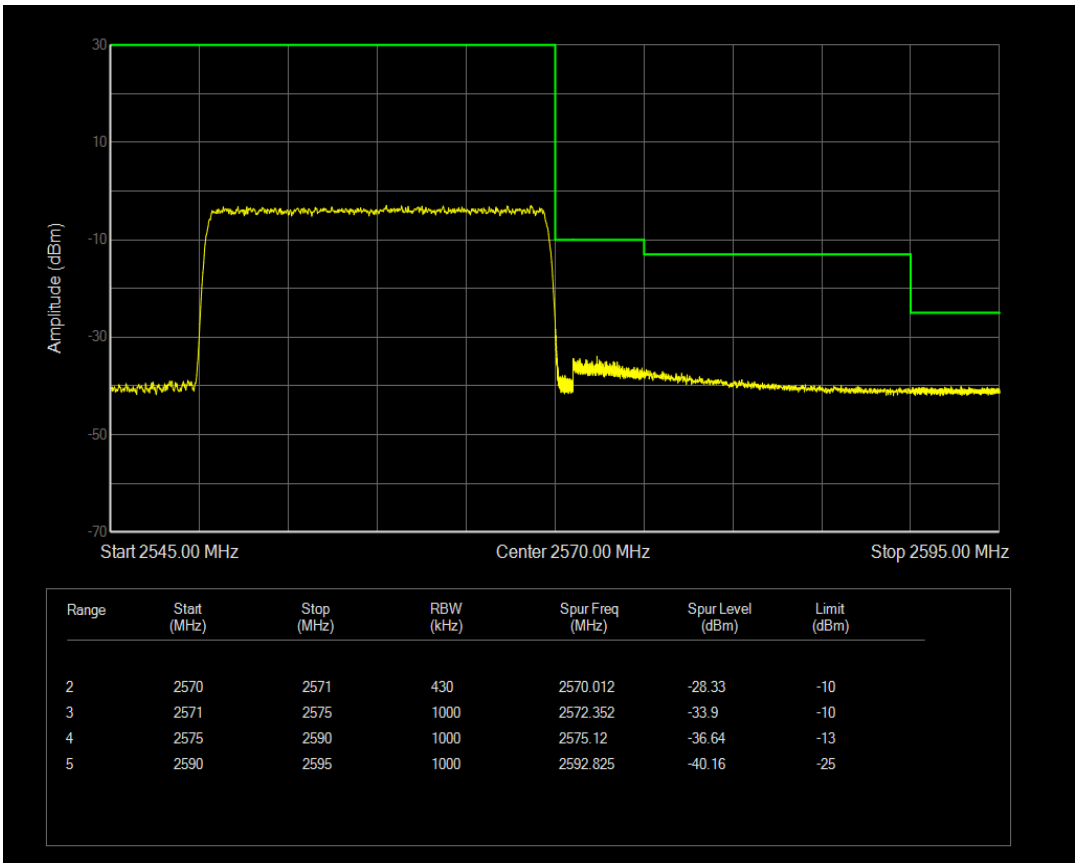
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2480.611	-40.31	-25
2	2490.5	2496	1000	2490.907	-40.08	-13
3	2496	2499	1000	2496.426	-39.95	-10
4	2499	2500	100	2499.168	-49.74	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@0



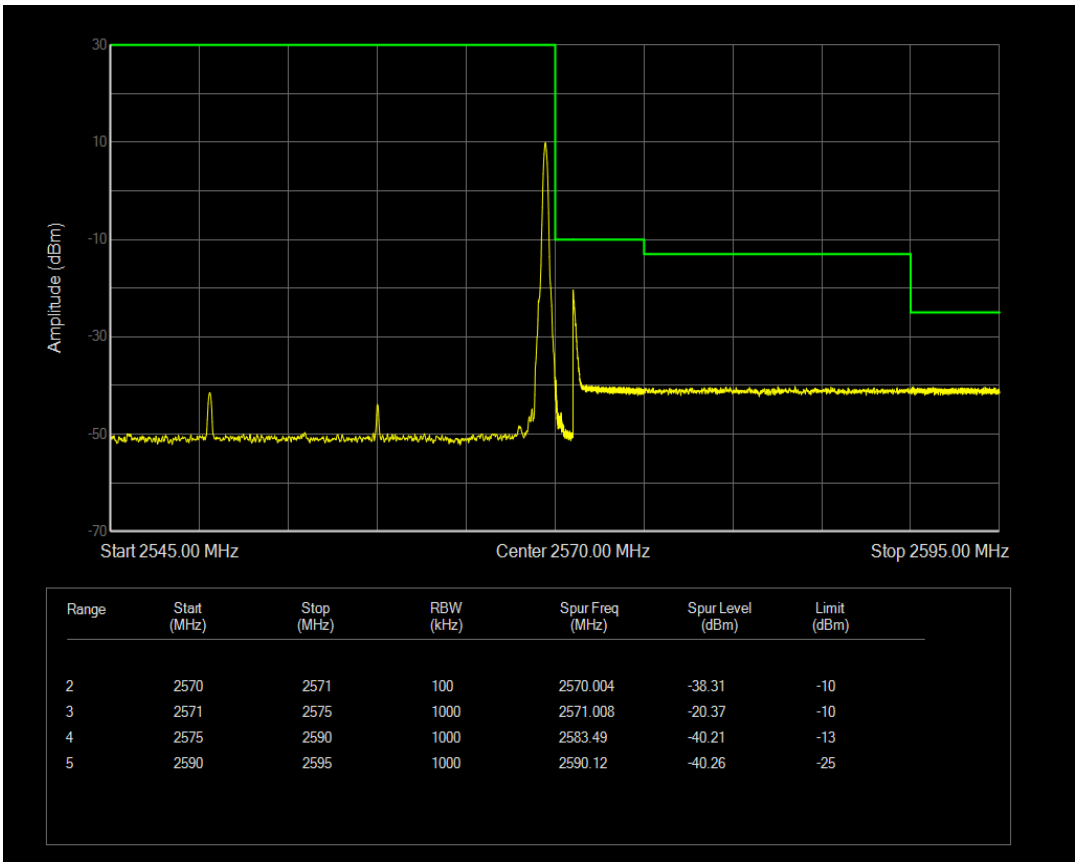
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.155	-49.76	-10
3	2571	2575	1000	2574.388	-40.11	-10
4	2575	2590	1000	2588.725	-40.28	-13
5	2590	2595	1000	2592.07	-40.08	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=106@0



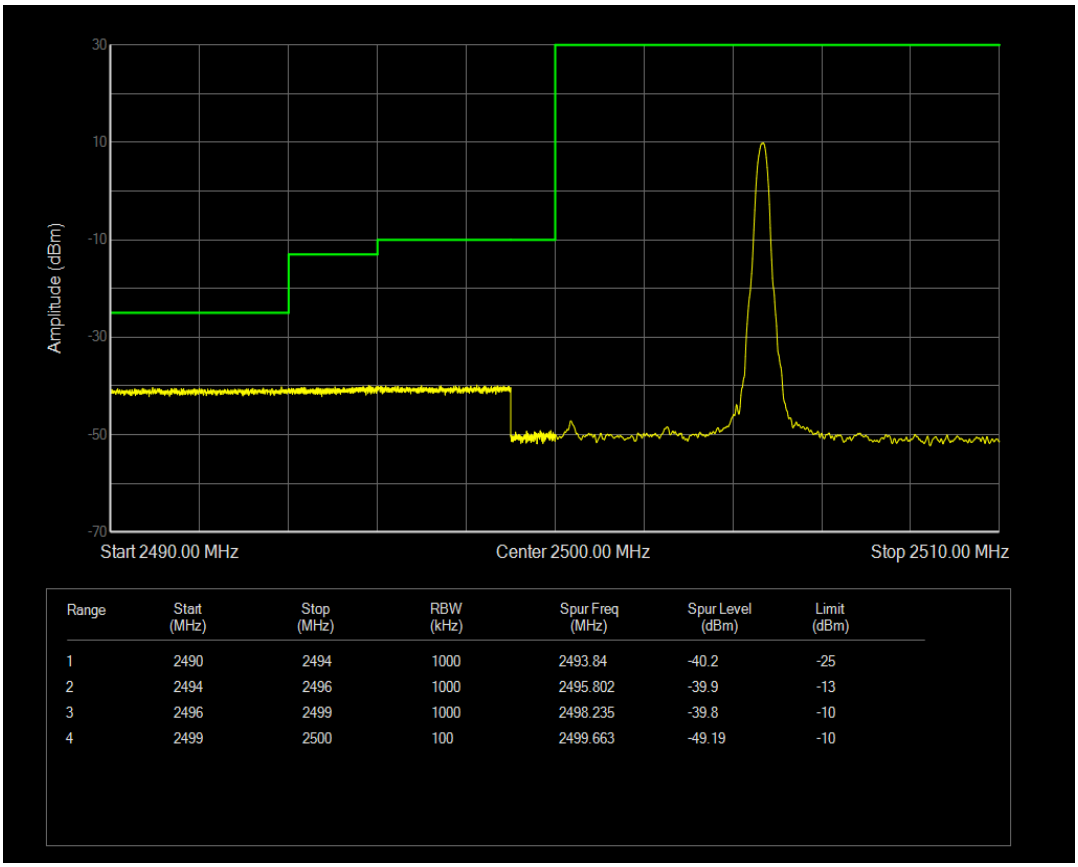
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.012	-28.33	-10
3	2571	2575	1000	2572.352	-33.9	-10
4	2575	2590	1000	2575.12	-36.64	-13
5	2590	2595	1000	2592.825	-40.16	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@105



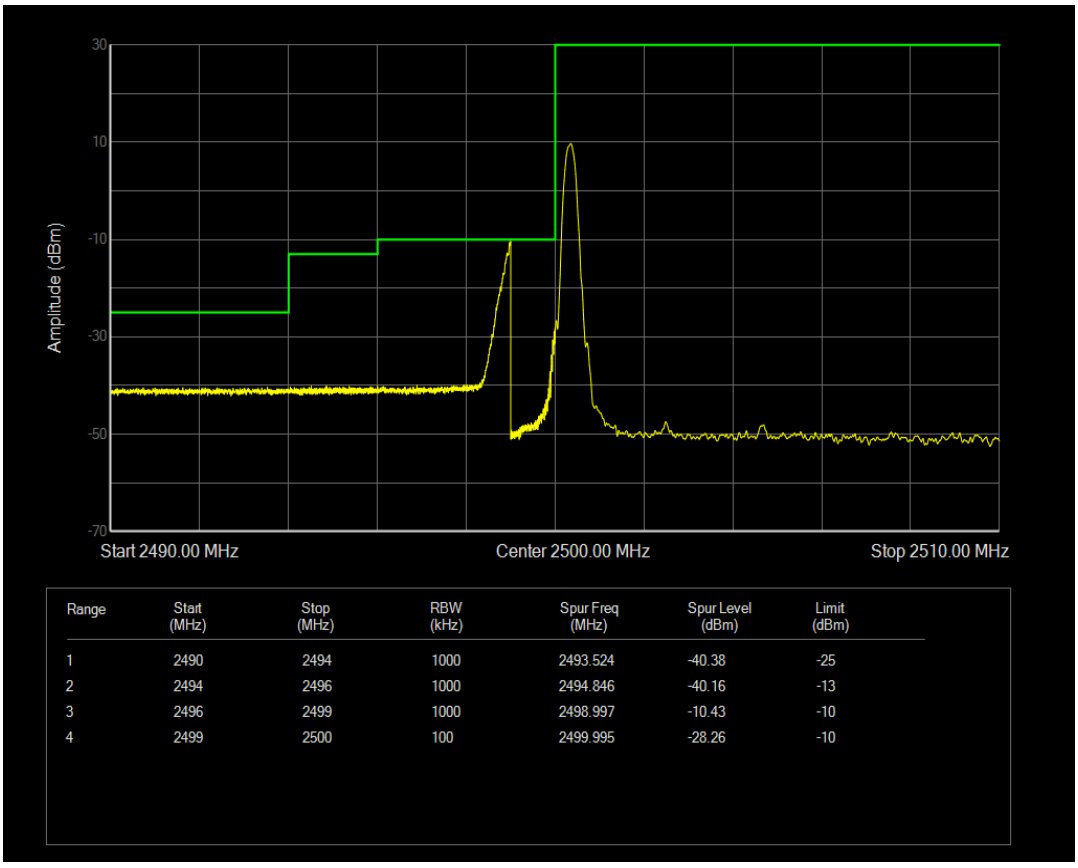
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.004	-38.31	-10
3	2571	2575	1000	2571.008	-20.37	-10
4	2575	2590	1000	2583.49	-40.21	-13
5	2590	2595	1000	2590.12	-40.26	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@24



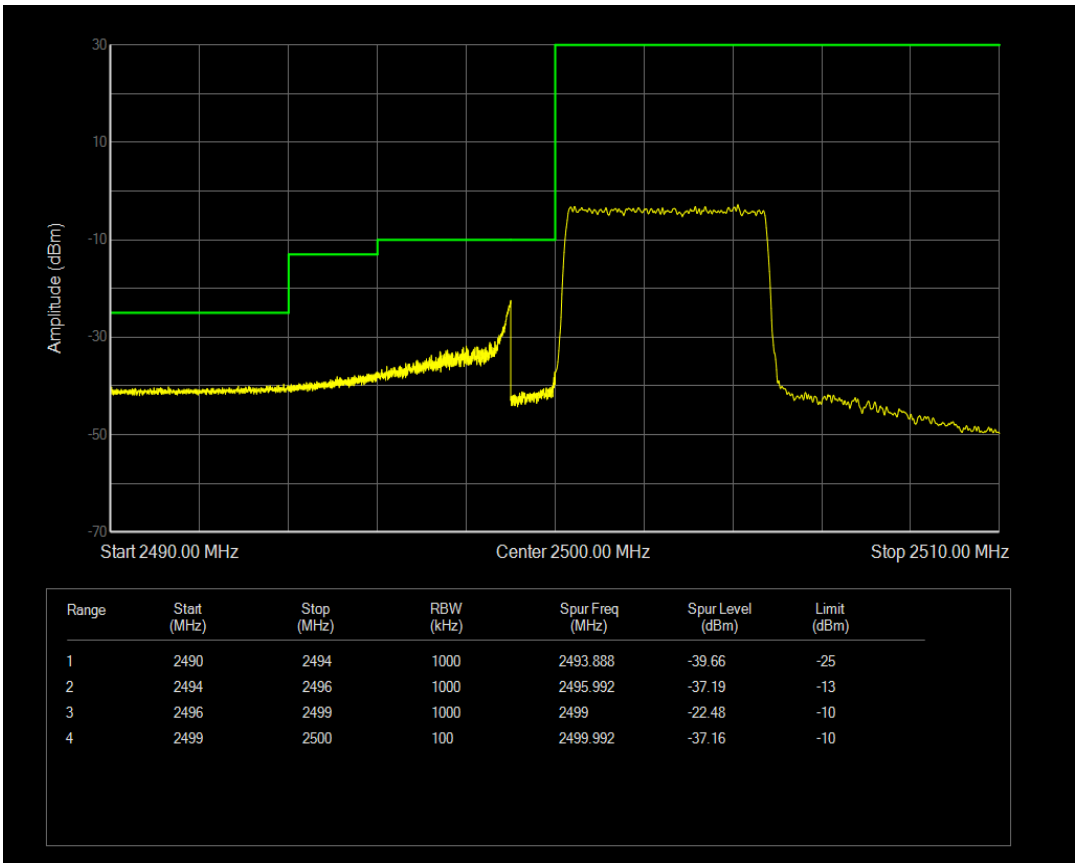
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2493.84	-40.2	-25
2	2494	2496	1000	2495.802	-39.9	-13
3	2496	2499	1000	2498.235	-39.8	-10
4	2499	2500	100	2499.663	-49.19	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@0



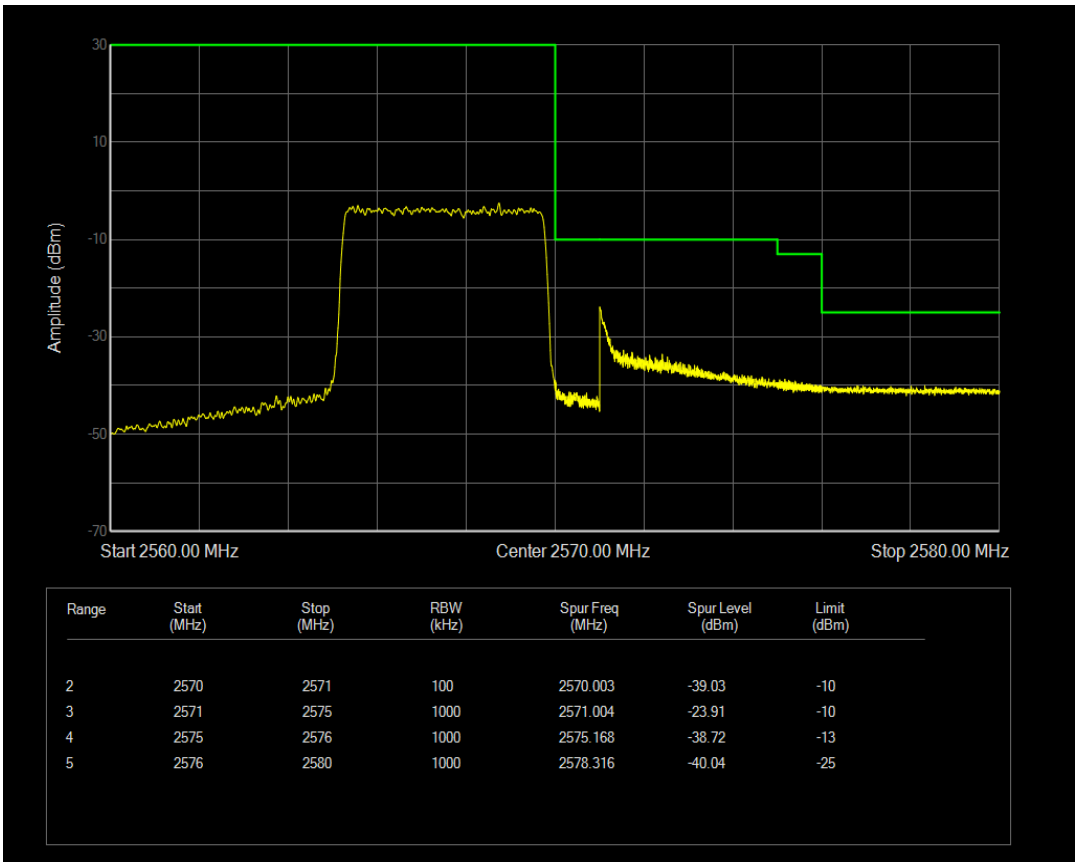
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2493.524	-40.38	-25
2	2494	2496	1000	2494.846	-40.16	-13
3	2496	2499	1000	2498.997	-10.43	-10
4	2499	2500	100	2499.995	-28.26	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=25@0



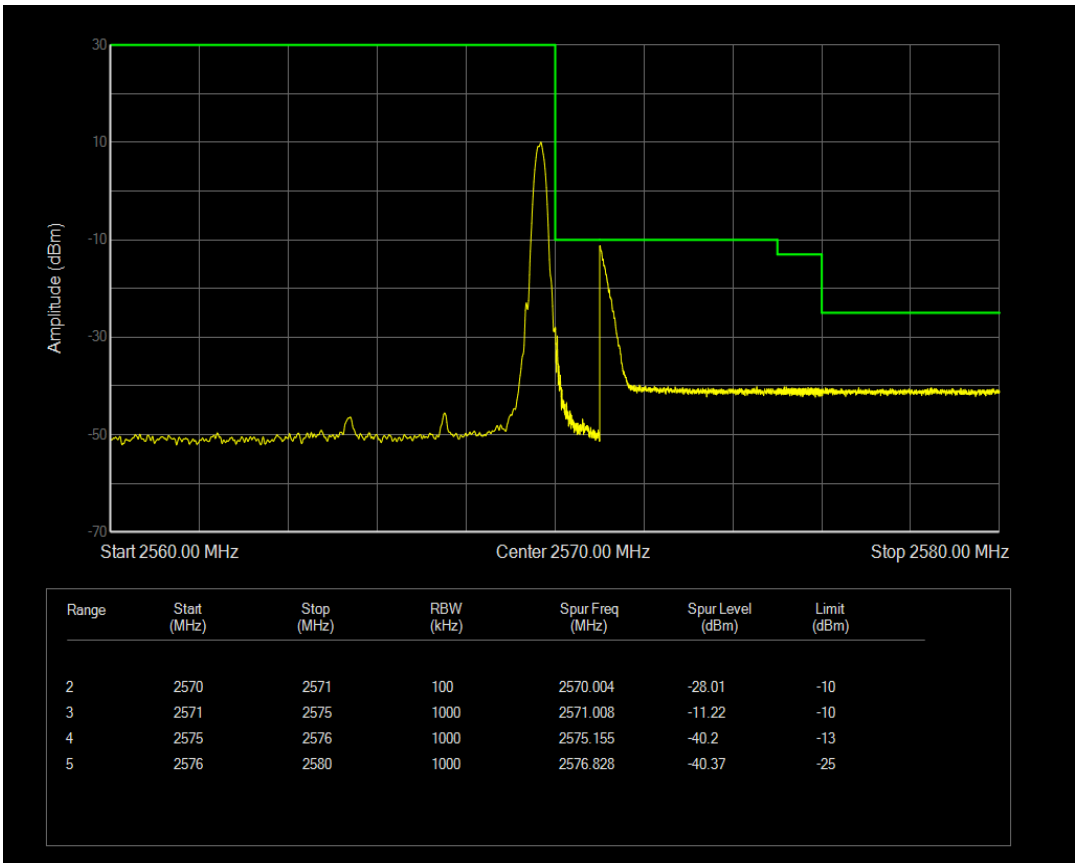
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2493.888	-39.66	-25
2	2494	2496	1000	2495.992	-37.19	-13
3	2496	2499	1000	2499	-22.48	-10
4	2499	2500	100	2499.992	-37.16	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=25@0



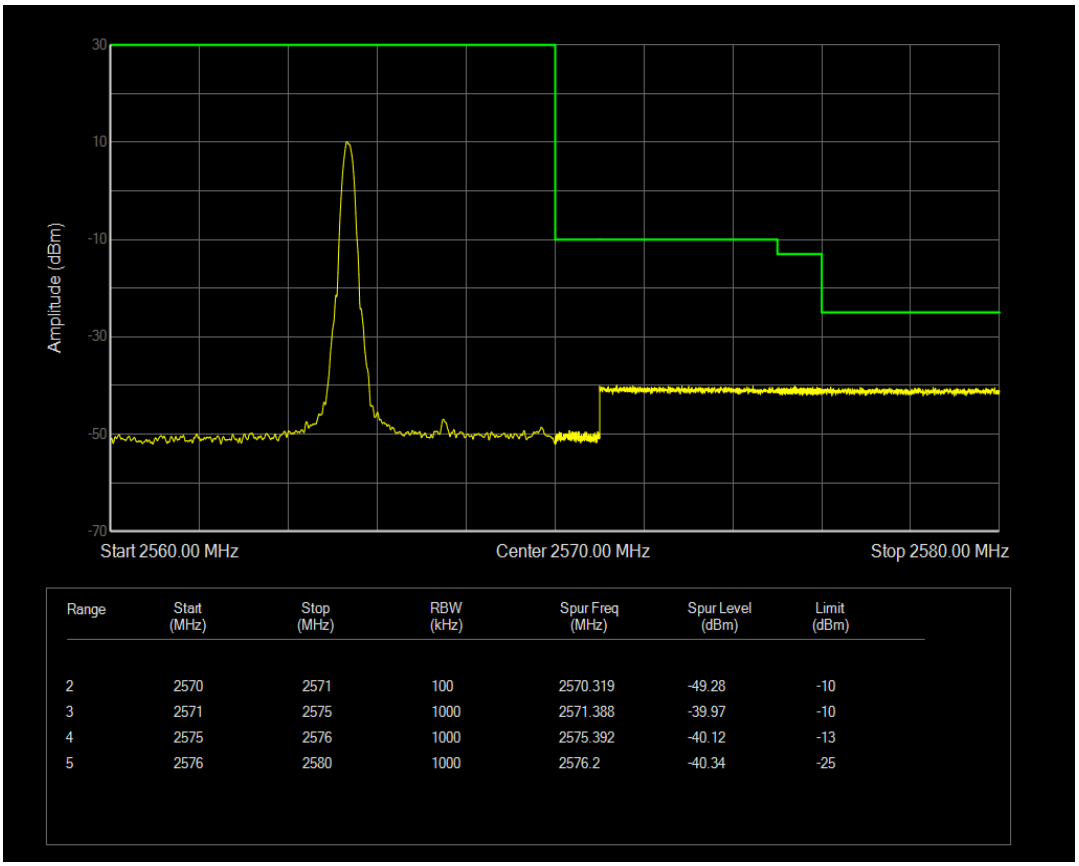
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.003	-39.03	-10
3	2571	2575	1000	2571.004	-23.91	-10
4	2575	2576	1000	2575.168	-38.72	-13
5	2576	2580	1000	2578.316	-40.04	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.004	-28.01	-10
3	2571	2575	1000	2571.008	-11.22	-10
4	2575	2576	1000	2575.155	-40.2	-13
5	2576	2580	1000	2576.828	-40.37	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@0

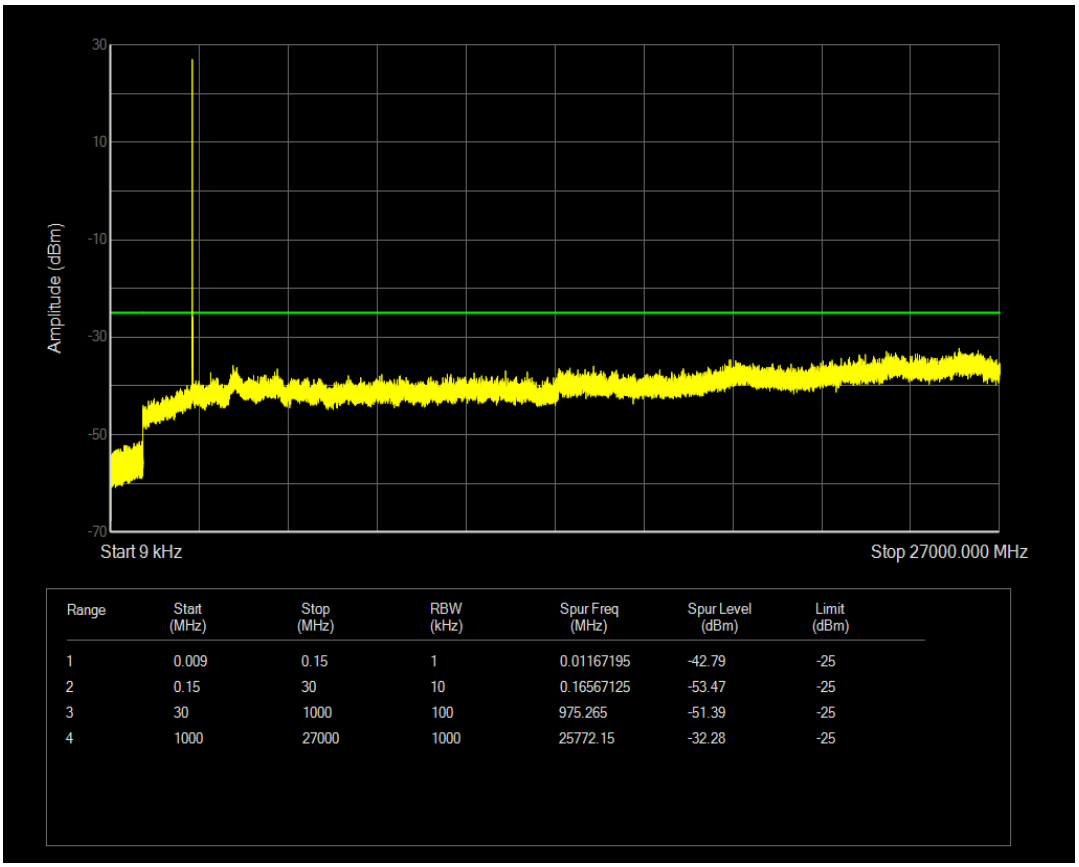


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.319	-49.28	-10
3	2571	2575	1000	2571.388	-39.97	-10
4	2575	2576	1000	2575.392	-40.12	-13
5	2576	2580	1000	2576.2	-40.34	-25

6 Out-of-band emissions for EN-DC

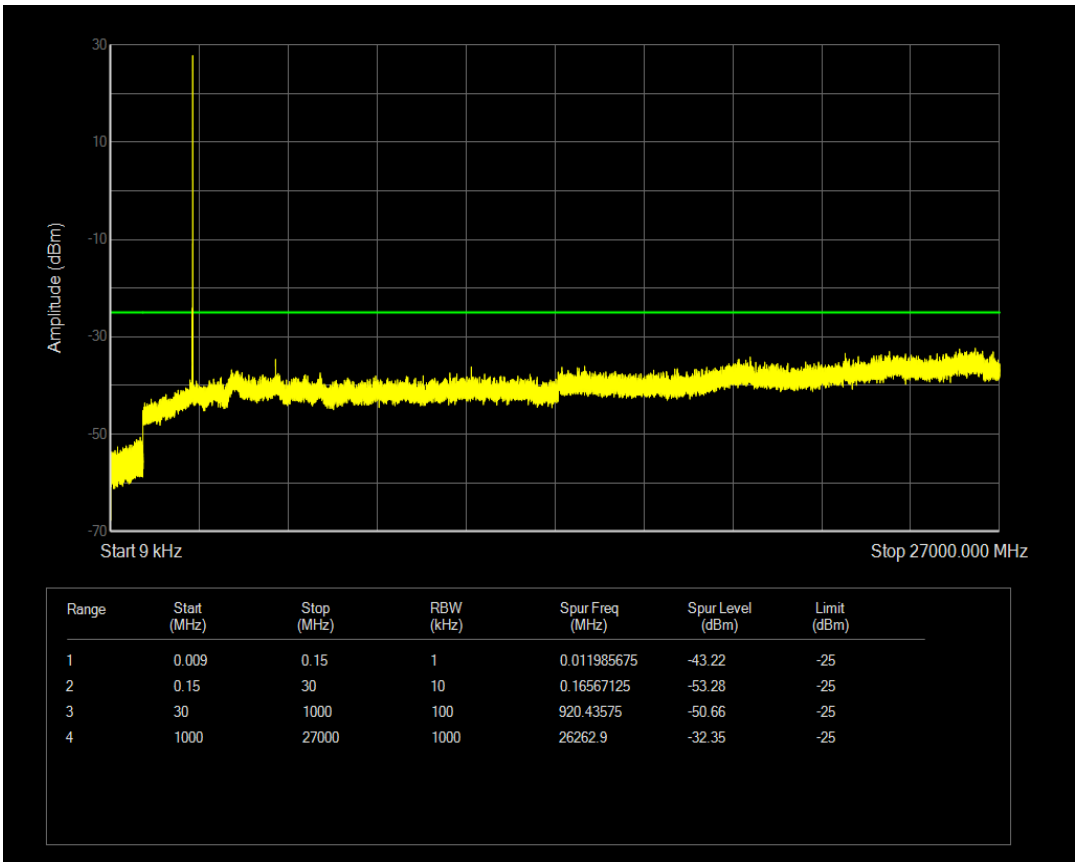
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	15	5	500500	25@0	CP_QPSK	26496.25	-31.39	-25	PASS
n7	15	5	500500	1@0	CP_QPSK	26492.35	-32.17	-25	PASS
n7	15	5	500500	1@24	CP_QPSK	23289.80	-32.59	-25	PASS
n7	15	5	513500	25@0	CP_QPSK	26171.90	-32.78	-25	PASS
n7	15	5	513500	1@0	CP_QPSK	22999.90	-32.47	-25	PASS
n7	15	5	513500	1@24	CP_QPSK	25995.10	-32.51	-25	PASS
n7	15	15	501500	79@0	CP_QPSK	25763.05	-32.46	-25	PASS
n7	15	15	501500	1@0	CP_QPSK	25772.15	-32.28	-25	PASS
n7	15	15	501500	1@78	CP_QPSK	26262.90	-32.35	-25	PASS
n7	15	15	512500	79@0	CP_QPSK	23959.95	-31.61	-25	PASS
n7	15	15	512500	1@0	CP_QPSK	25753.30	-32.12	-25	PASS
n7	15	15	512500	1@78	CP_QPSK	26049.70	-31.23	-25	PASS
n7	15	20	502000	106@0	CP_QPSK	26271.35	-32.14	-25	PASS
n7	15	20	502000	1@0	CP_QPSK	26481.30	-31.61	-25	PASS
n7	15	20	502000	1@105	CP_QPSK	26024.35	-32.05	-25	PASS
n7	15	20	512000	106@0	CP_QPSK	25770.85	-32.23	-25	PASS
n7	15	20	512000	1@0	CP_QPSK	26244.05	-32.18	-25	PASS
n7	15	20	512000	1@105	CP_QPSK	25815.05	-32.24	-25	PASS

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@0



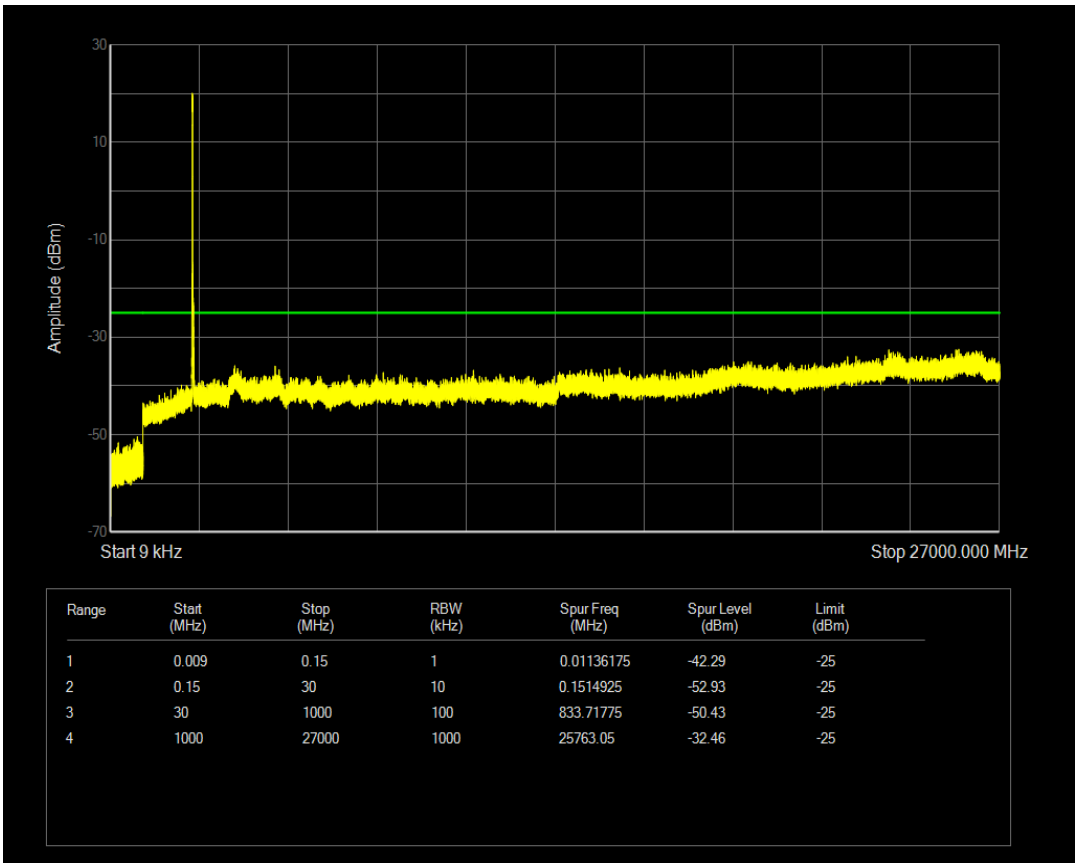
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01167195	-42.79	-25
2	0.15	30	10	0.16567125	-53.47	-25
3	30	1000	100	975.265	-51.39	-25
4	1000	27000	1000	25772.15	-32.28	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@78



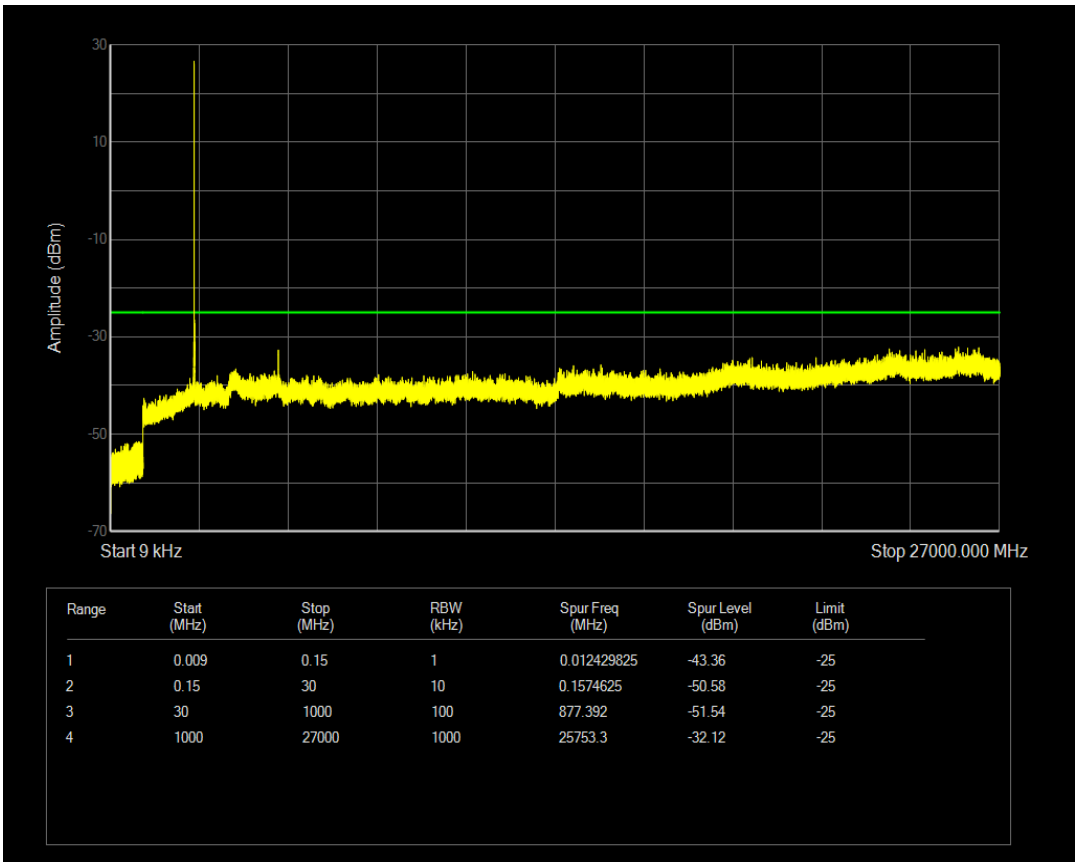
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011985675	-43.22	-25
2	0.15	30	10	0.16567125	-53.28	-25
3	30	1000	100	920.43575	-50.66	-25
4	1000	27000	1000	26262.9	-32.35	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=79@0



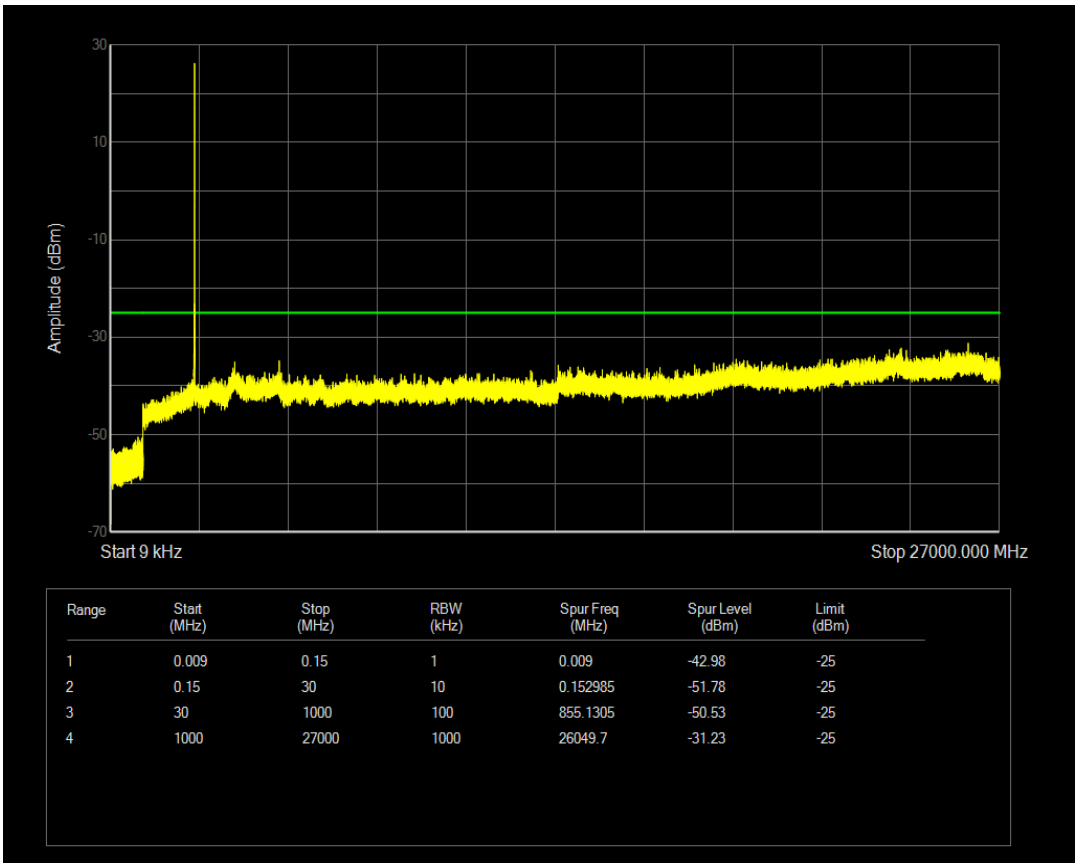
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01136175	-42.29	-25
2	0.15	30	10	0.1514925	-52.93	-25
3	30	1000	100	833.71775	-50.43	-25
4	1000	27000	1000	25763.05	-32.46	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@0



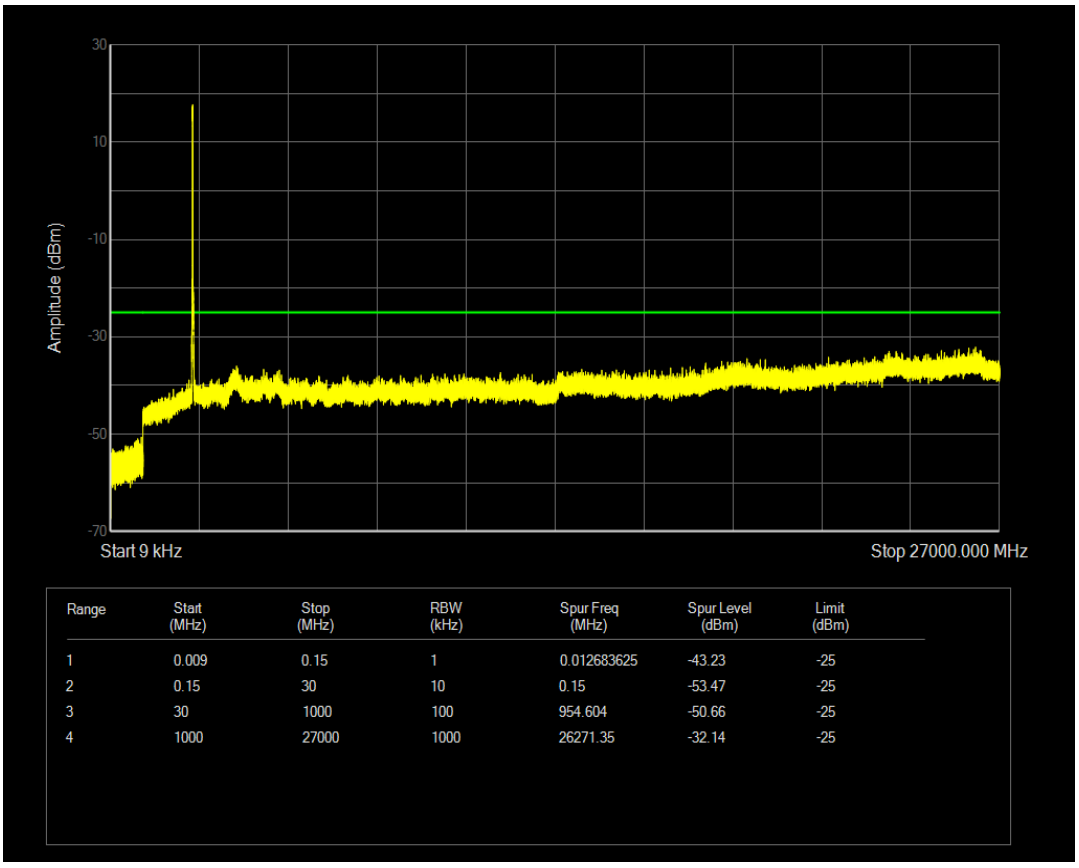
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012429825	-43.36	-25
2	0.15	30	10	0.1574625	-50.58	-25
3	30	1000	100	877.392	-51.54	-25
4	1000	27000	1000	25753.3	-32.12	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@78



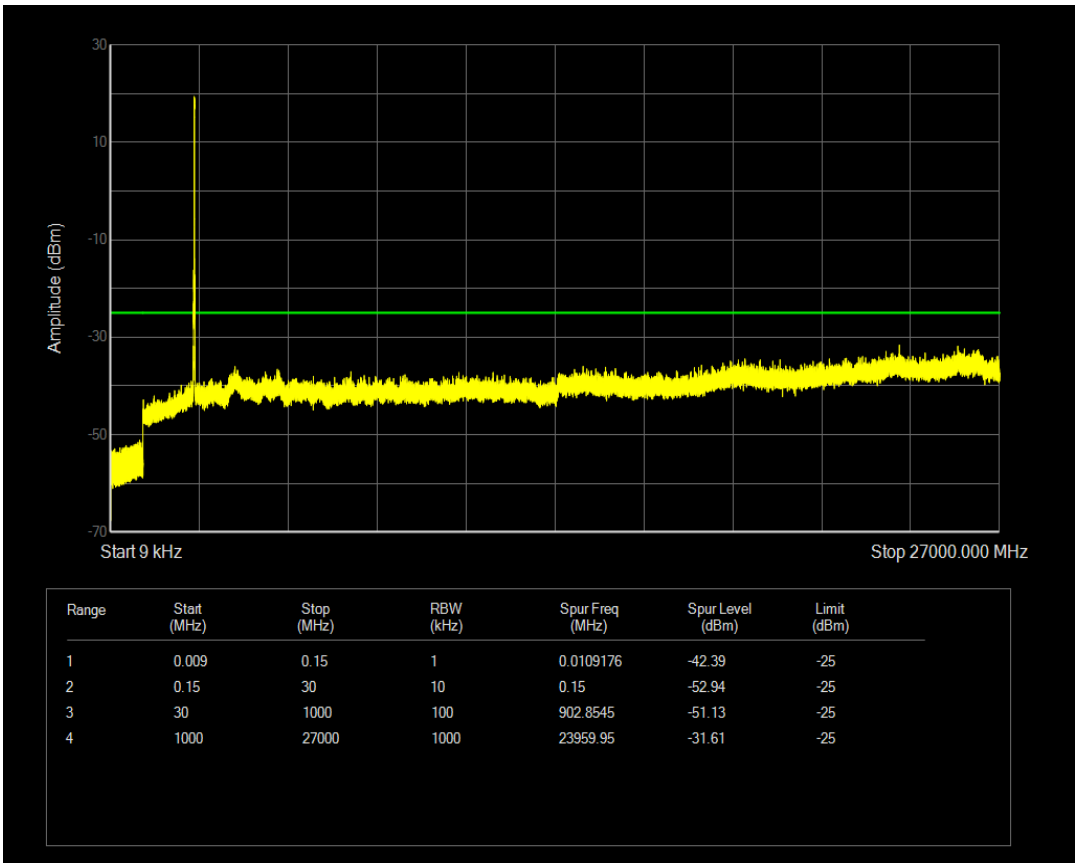
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-42.98	-25
2	0.15	30	10	0.152985	-51.78	-25
3	30	1000	100	855.1305	-50.53	-25
4	1000	27000	1000	26049.7	-31.23	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=106@0



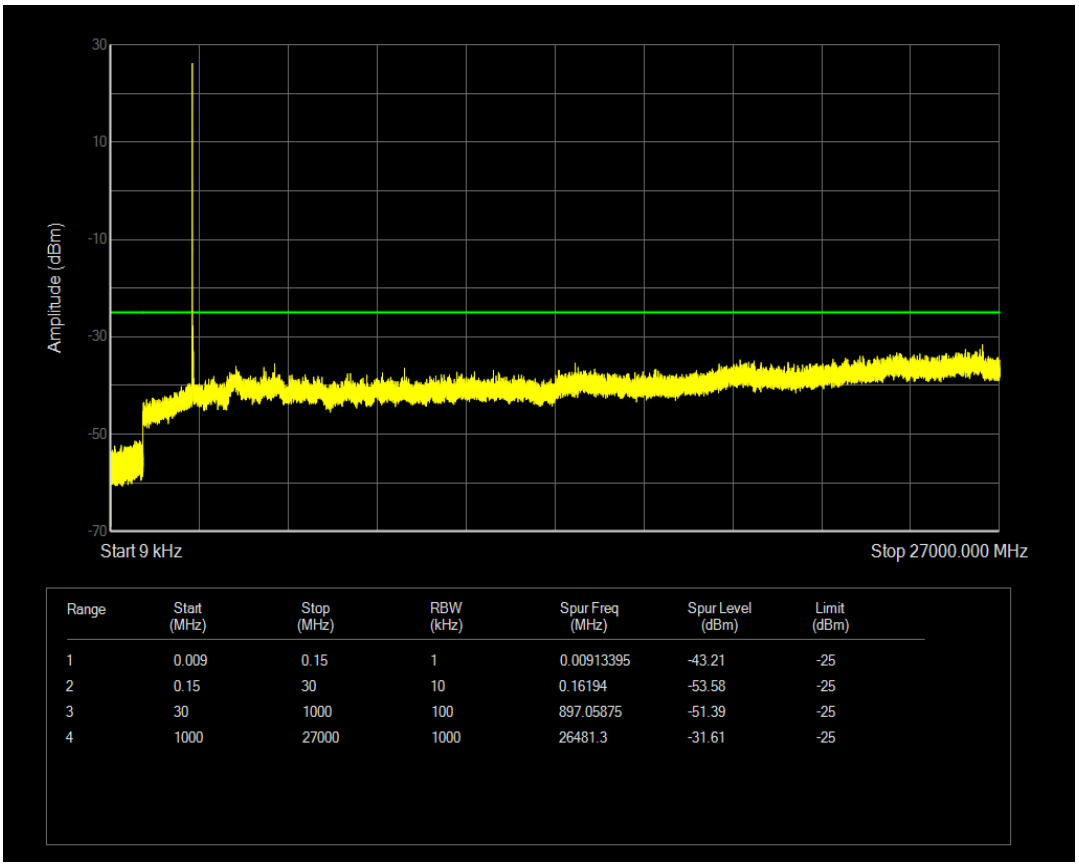
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012683625	-43.23	-25
2	0.15	30	10	0.15	-53.47	-25
3	30	1000	100	954.604	-50.66	-25
4	1000	27000	1000	26271.35	-32.14	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=79@0



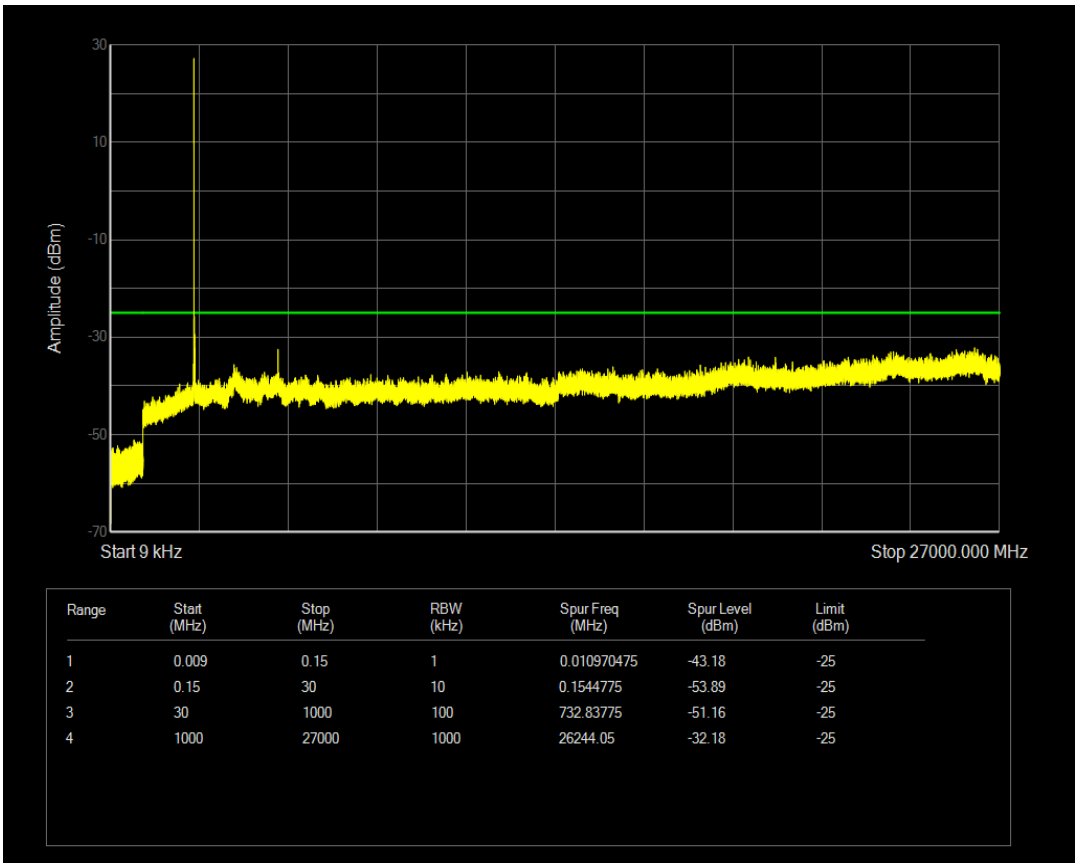
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0109176	-42.39	-25
2	0.15	30	10	0.15	-52.94	-25
3	30	1000	100	902.8545	-51.13	-25
4	1000	27000	1000	23959.95	-31.61	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@0



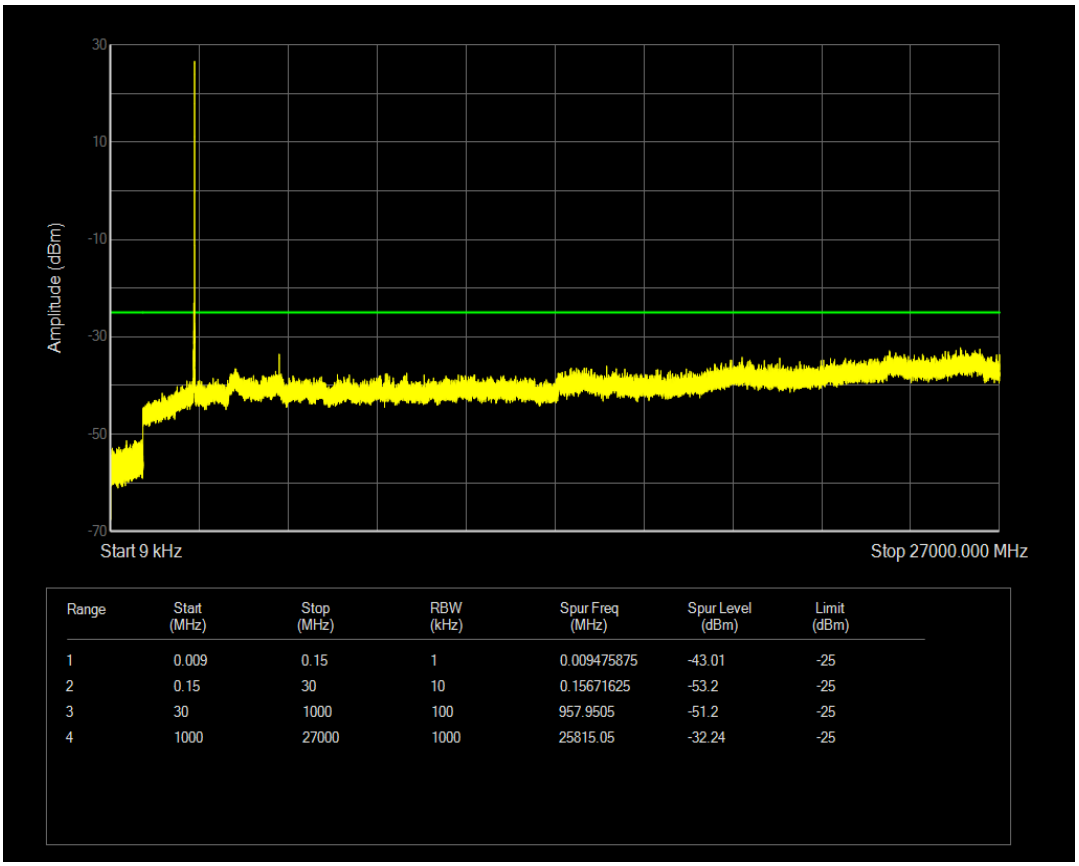
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00913395	-43.21	-25
2	0.15	30	10	0.16194	-53.58	-25
3	30	1000	100	897.05875	-51.39	-25
4	1000	27000	1000	26481.3	-31.61	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@0



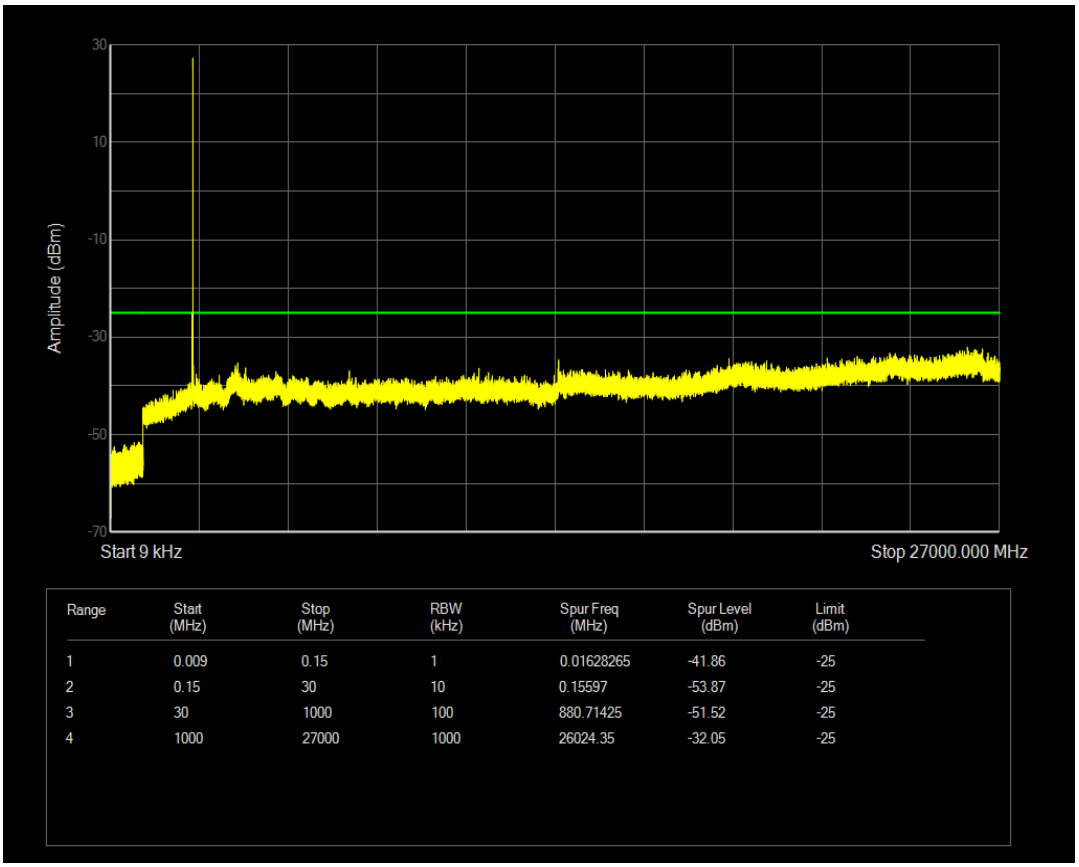
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010970475	-43.18	-25
2	0.15	30	10	0.1544775	-53.89	-25
3	30	1000	100	732.83775	-51.16	-25
4	1000	27000	1000	26244.05	-32.18	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@105



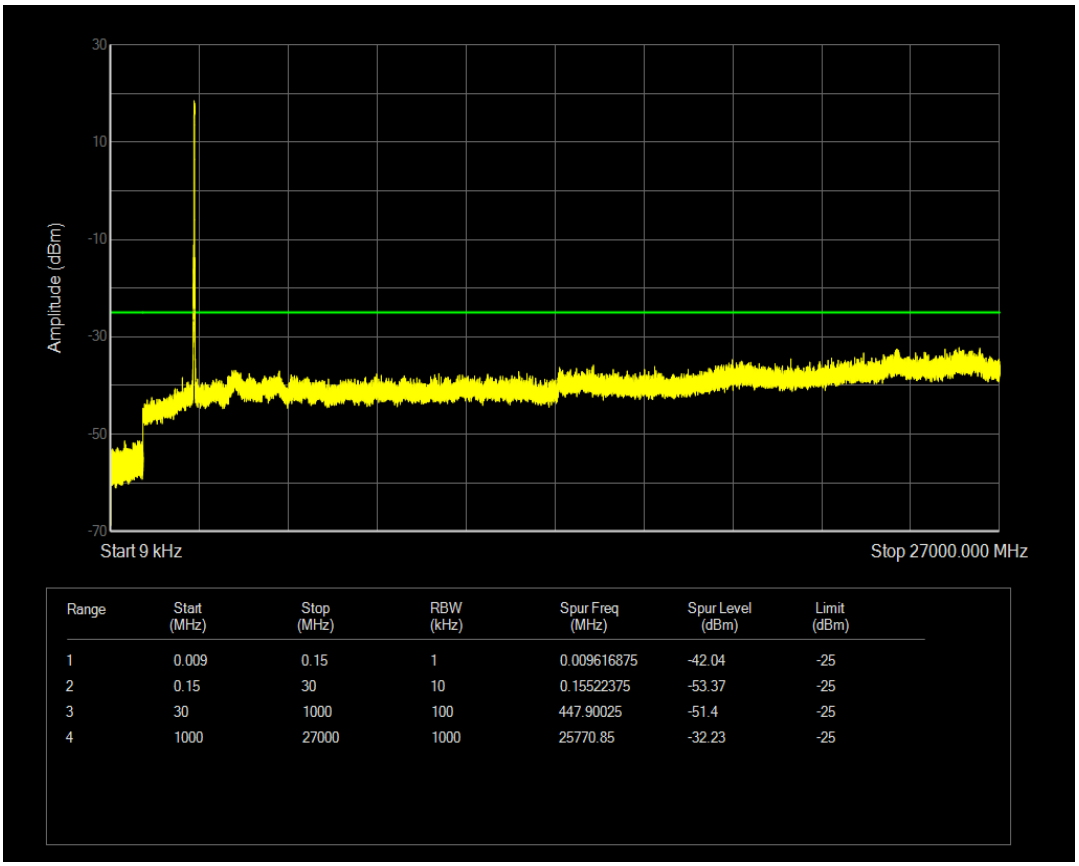
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009475875	-43.01	-25
2	0.15	30	10	0.15671625	-53.2	-25
3	30	1000	100	957.9505	-51.2	-25
4	1000	27000	1000	25815.05	-32.24	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@105



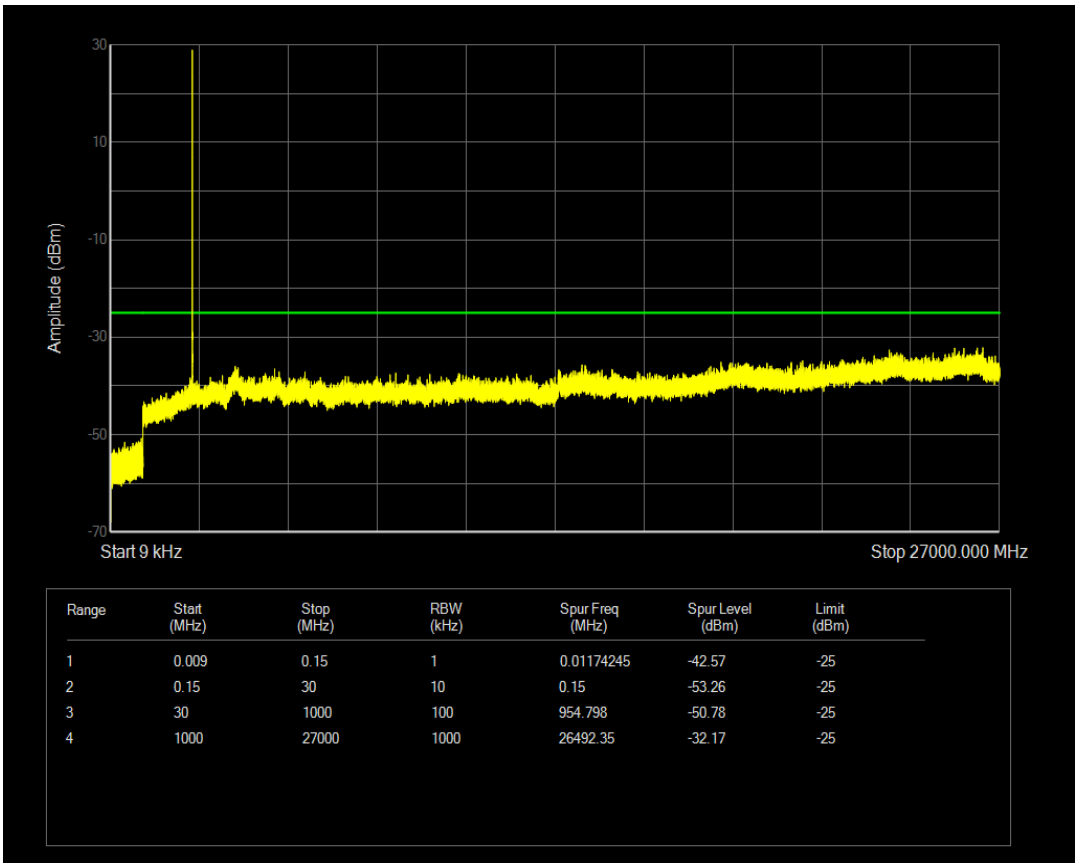
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01628265	-41.86	-25
2	0.15	30	10	0.15597	-53.87	-25
3	30	1000	100	880.71425	-51.52	-25
4	1000	27000	1000	26024.35	-32.05	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=106@0



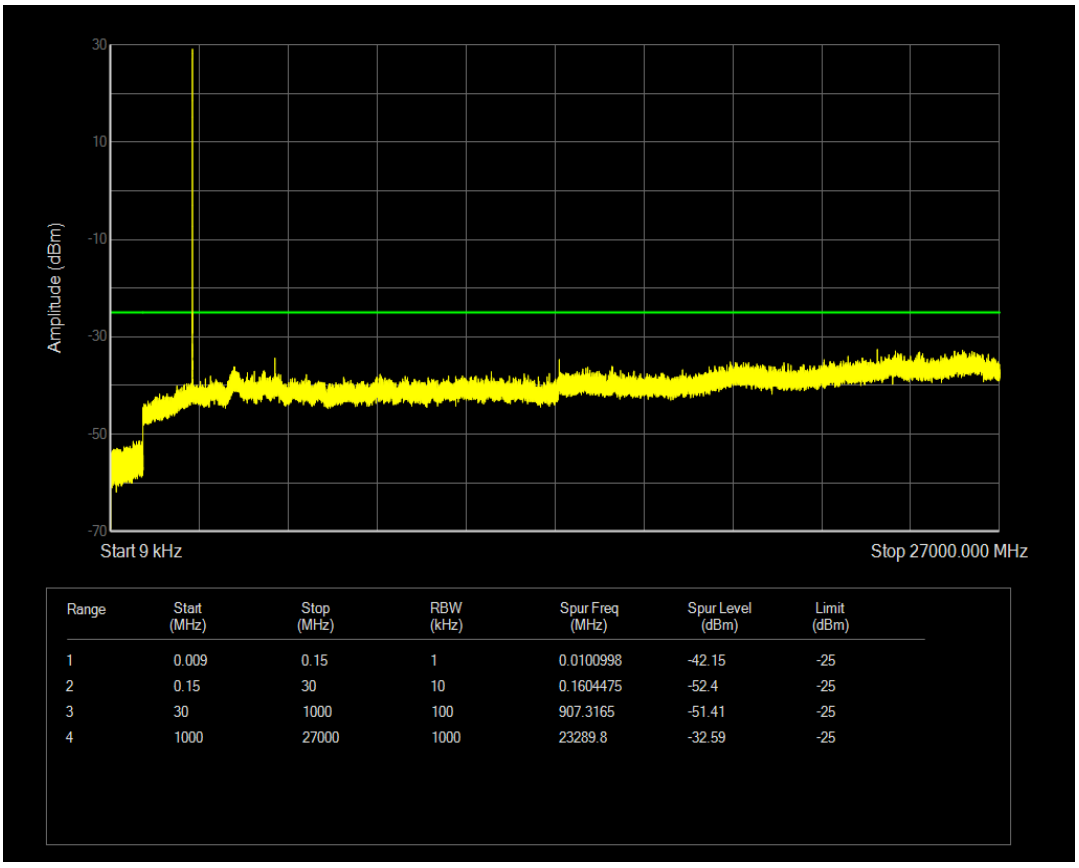
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009616875	-42.04	-25
2	0.15	30	10	0.15522375	-53.37	-25
3	30	1000	100	447.90025	-51.4	-25
4	1000	27000	1000	25770.85	-32.23	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@0



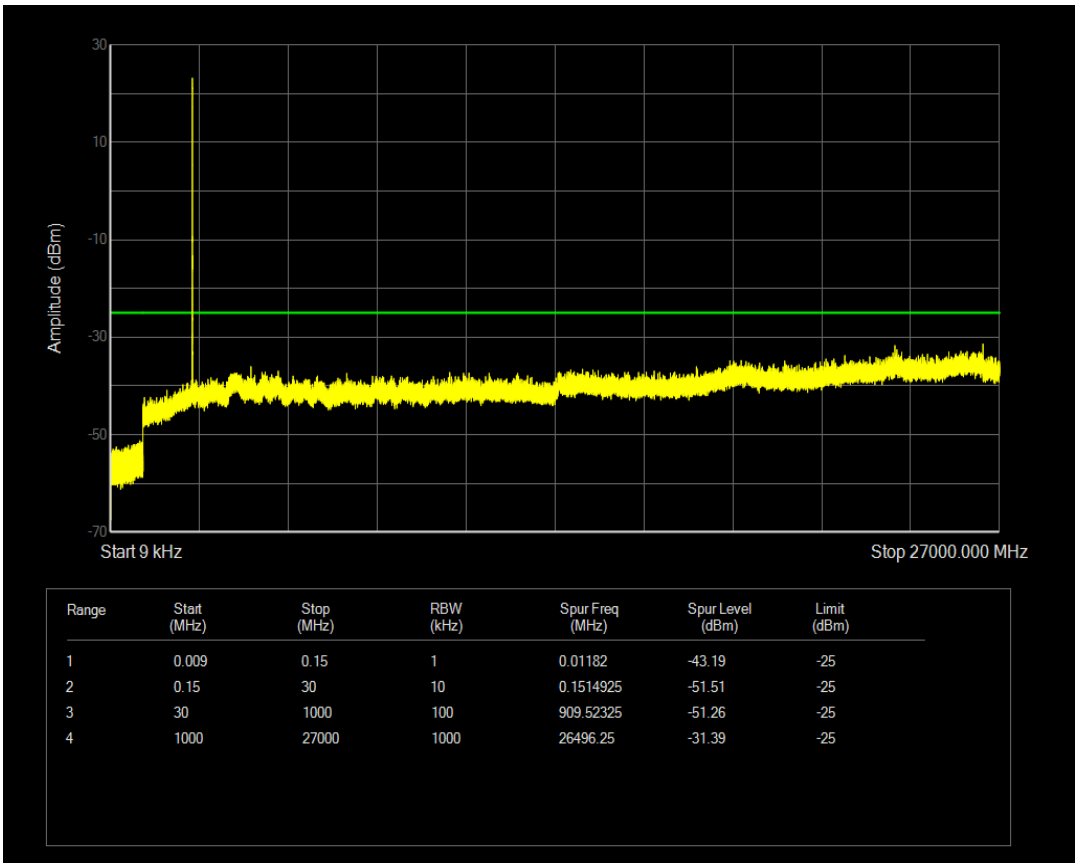
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01174245	-42.57	-25
2	0.15	30	10	0.15	-53.26	-25
3	30	1000	100	954.798	-50.78	-25
4	1000	27000	1000	26492.35	-32.17	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@24



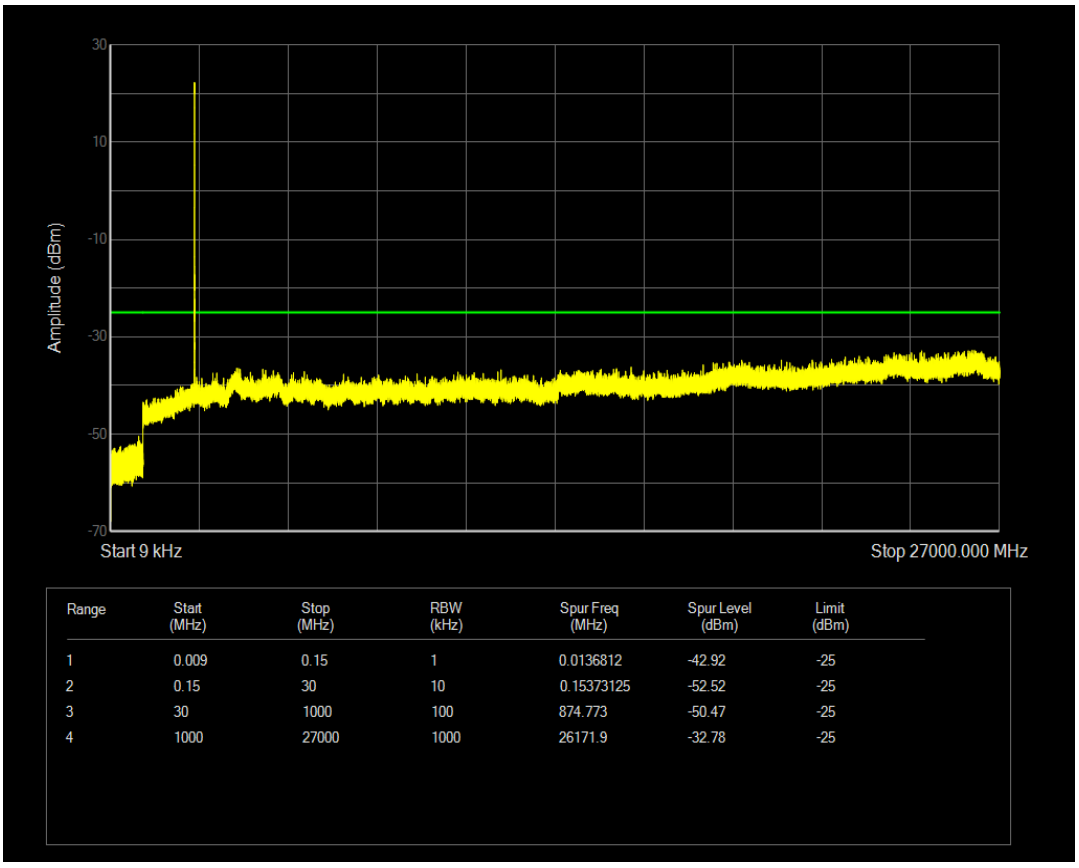
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100998	-42.15	-25
2	0.15	30	10	0.1604475	-52.4	-25
3	30	1000	100	907.3165	-51.41	-25
4	1000	27000	1000	23289.8	-32.59	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=25@0



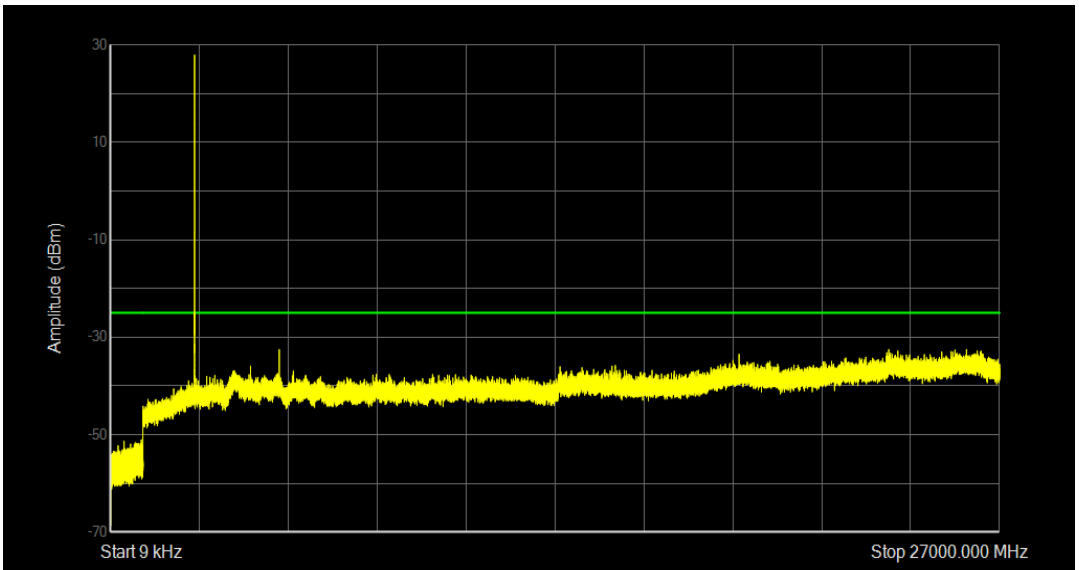
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01182	-43.19	-25
2	0.15	30	10	0.1514925	-51.51	-25
3	30	1000	100	909.52325	-51.26	-25
4	1000	27000	1000	26496.25	-31.39	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=25@0



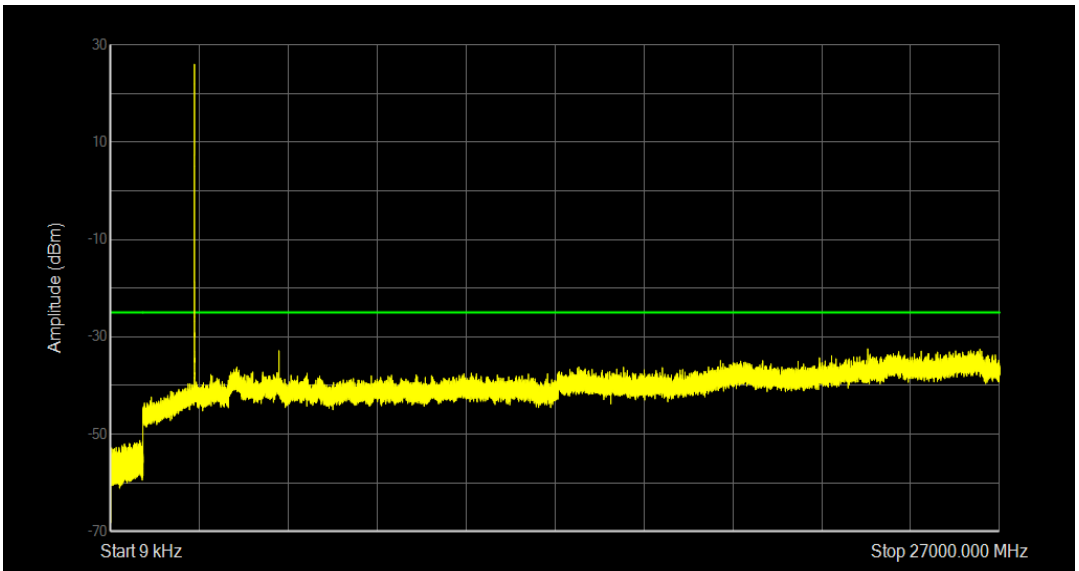
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0136812	-42.92	-25
2	0.15	30	10	0.15373125	-52.52	-25
3	30	1000	100	874.773	-50.47	-25
4	1000	27000	1000	26171.9	-32.78	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015411975	-43.09	-25
2	0.15	30	10	0.158955	-53.35	-25
3	30	1000	100	954.09475	-51.06	-25
4	1000	27000	1000	25995.1	-32.51	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.017639775	-41.91	-25
2	0.15	30	10	0.15	-52.98	-25
3	30	1000	100	906.686	-51.3	-25
4	1000	27000	1000	22999.9	-32.47	-25