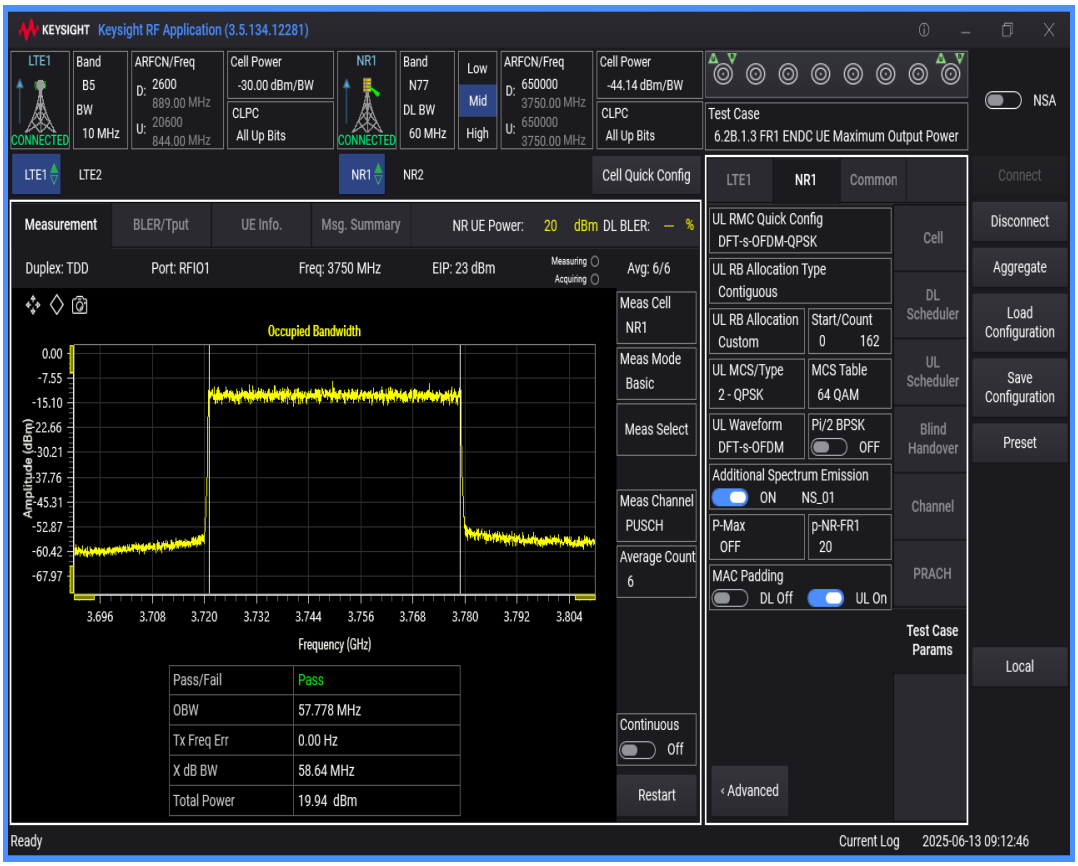
n77 SCS=30kHz DFT_QAM64 BW=20MHz Channel=650000 RB=50@0

n77 SCS=30kHz DFT_QAM64 BW=15MHz Channel=650000 RB=36@0

n77 SCS=30kHz DFT_QPSK BW=60MHz Channel=650000 RB=162@0



n77 SCS=30kHz DFT_QPSK BW=50MHz Channel=650000 RB=128@0

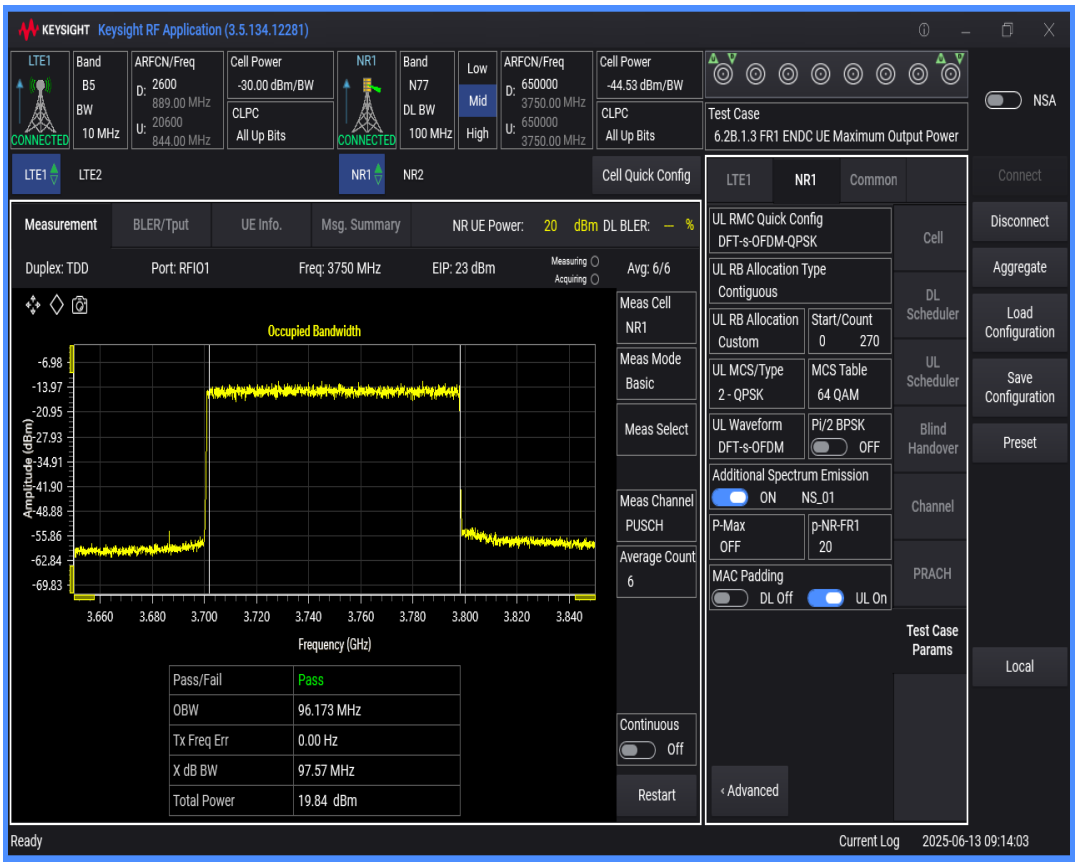
n77 SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0

n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=650000 RB=216@0

n77 SCS=30kHz DFT_QPSK BW=40MHz Channel=650000 RB=100@0

n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=650000 RB=24@0

n77 SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



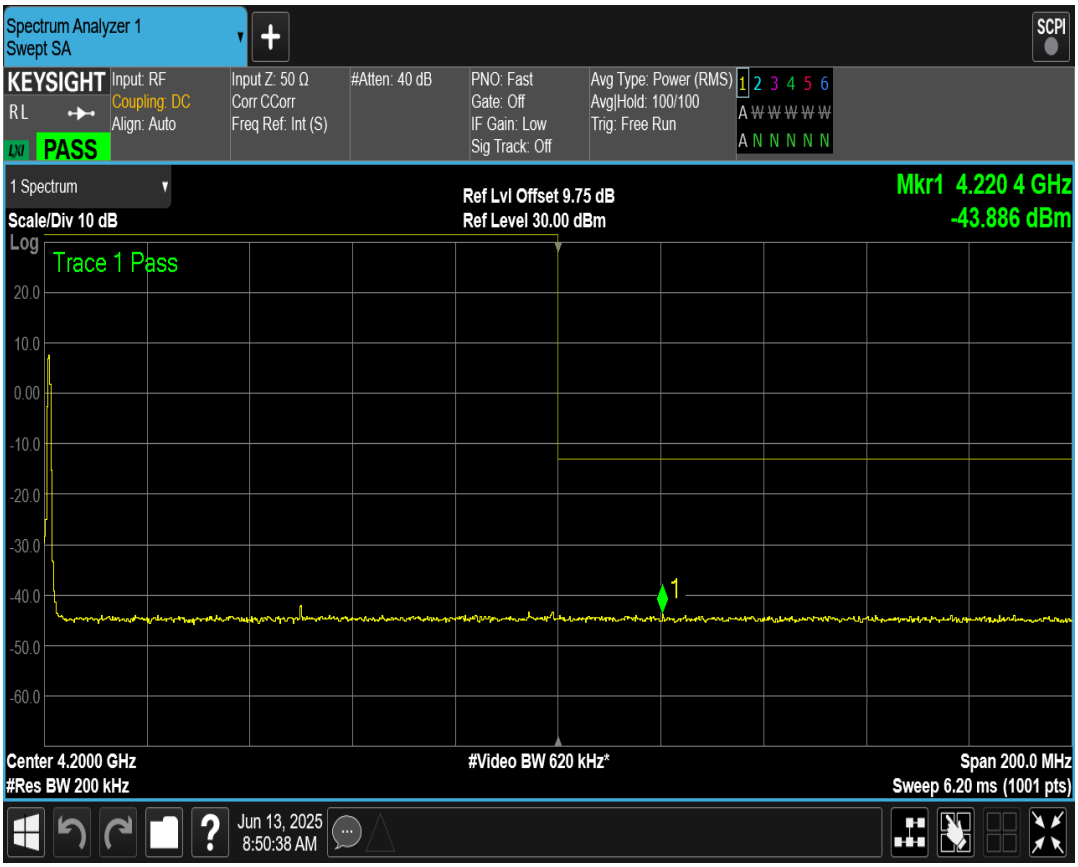
n77 SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=50@0

n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=650000 RB=36@0

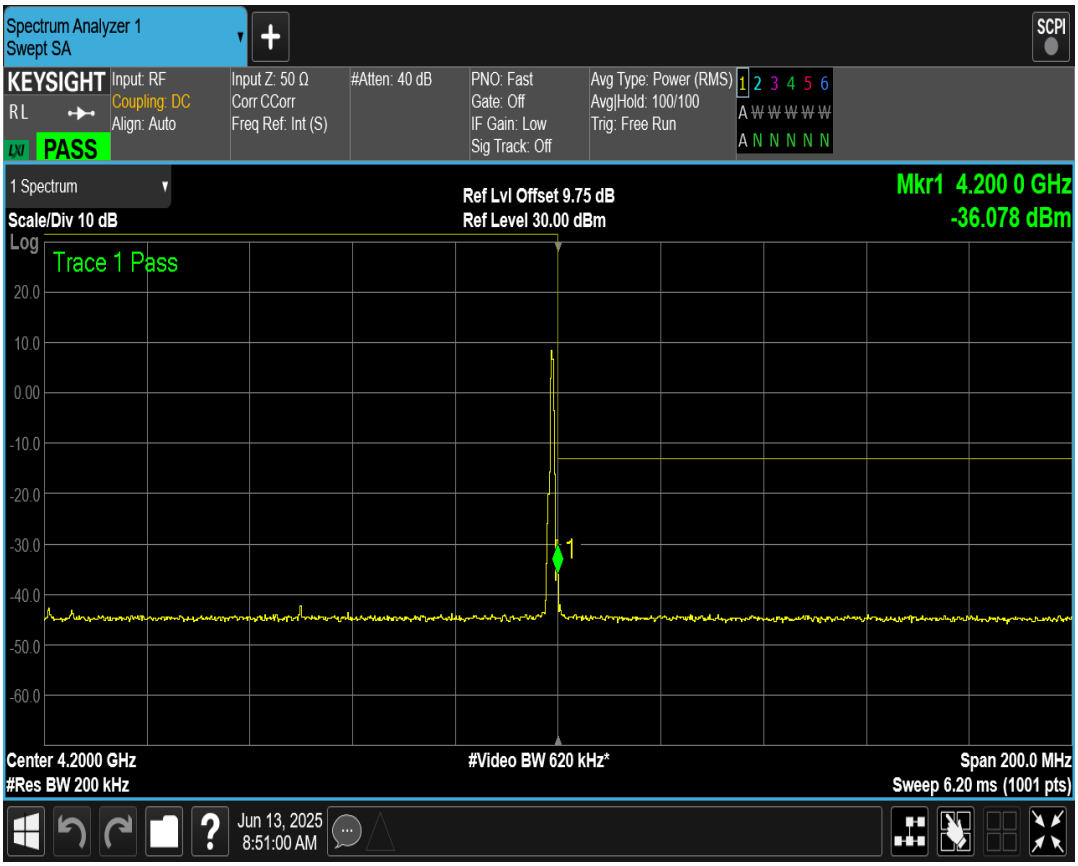
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	3299.70	-39.54	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	3300.00	-35.93	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	3294.32	-45.84	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	4200.58	-44.97	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	4200.16	-43.46	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	4200.06	-41.27	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	3297.40	-37.84	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	3300.00	-41.94	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	3278.90	-46.14	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	4204.70	-38.70	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	4236.20	-43.55	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	4200.00	-40.86	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	3300.00	-25.57	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	3300.00	-29.17	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	3217.40	-46.53	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	4200.00	-24.80	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	4220.40	-43.88	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	4200.00	-36.07	-13	PASS

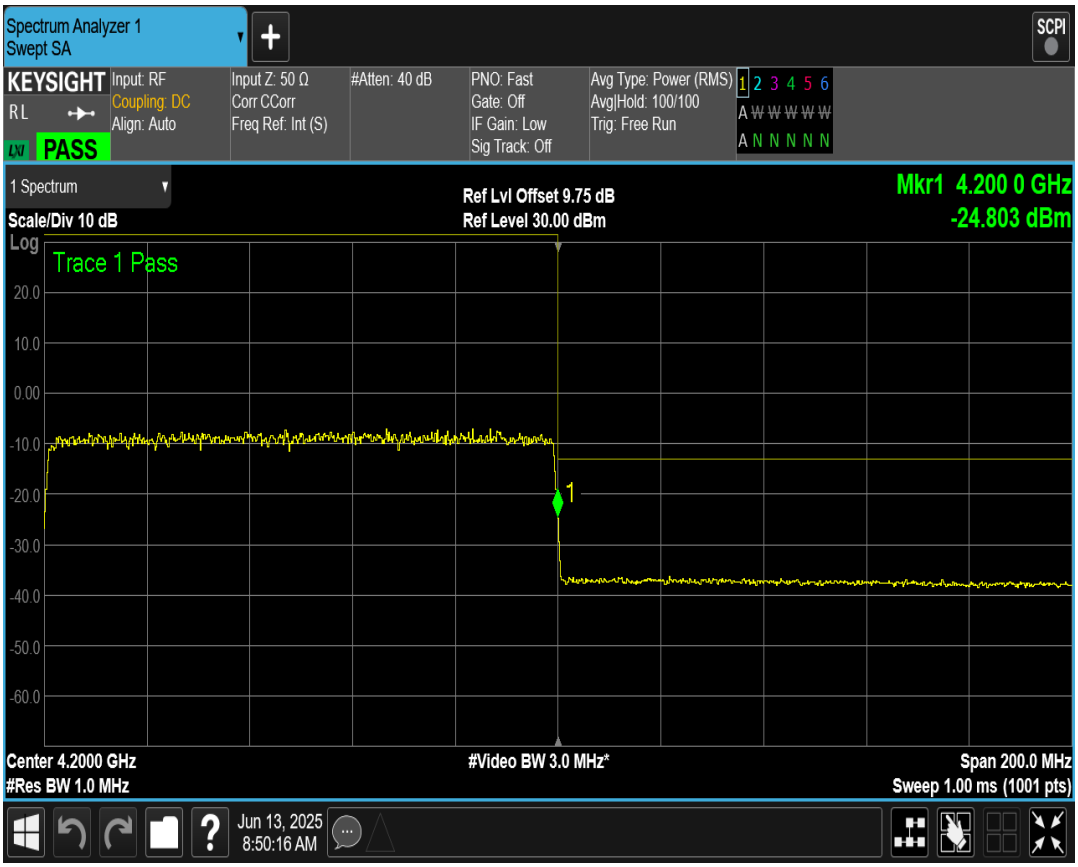
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



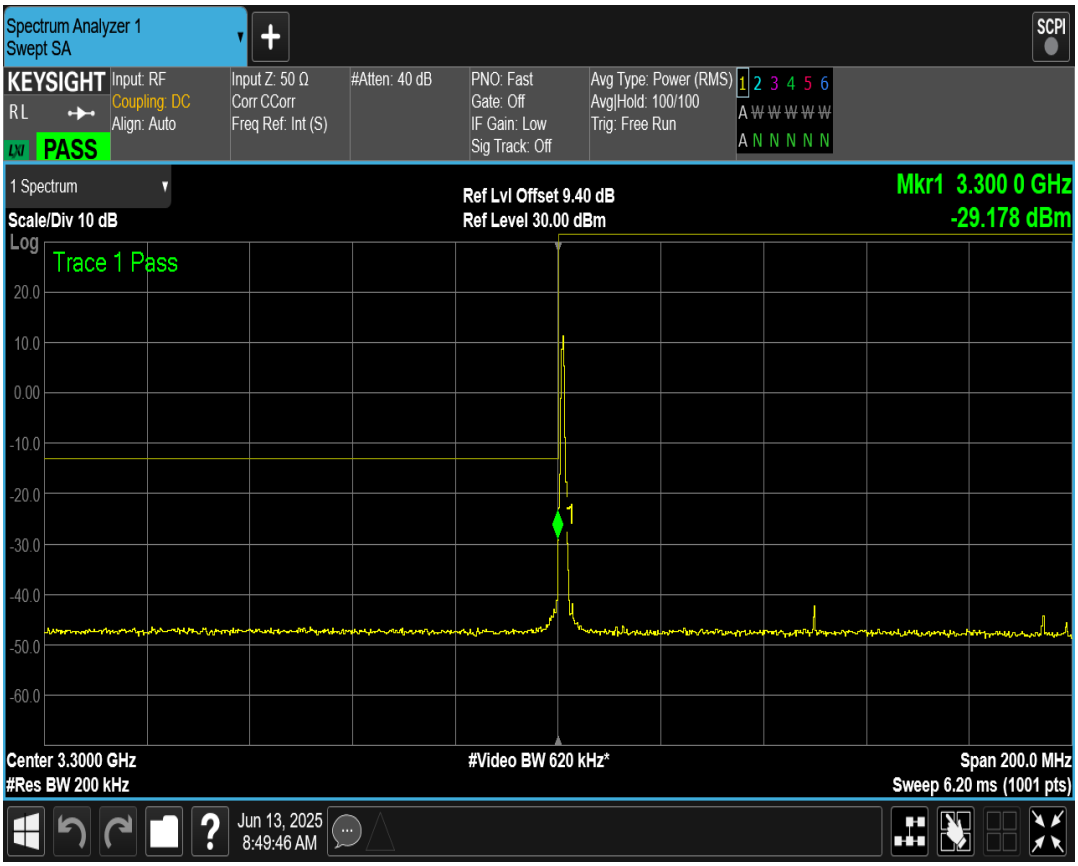
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



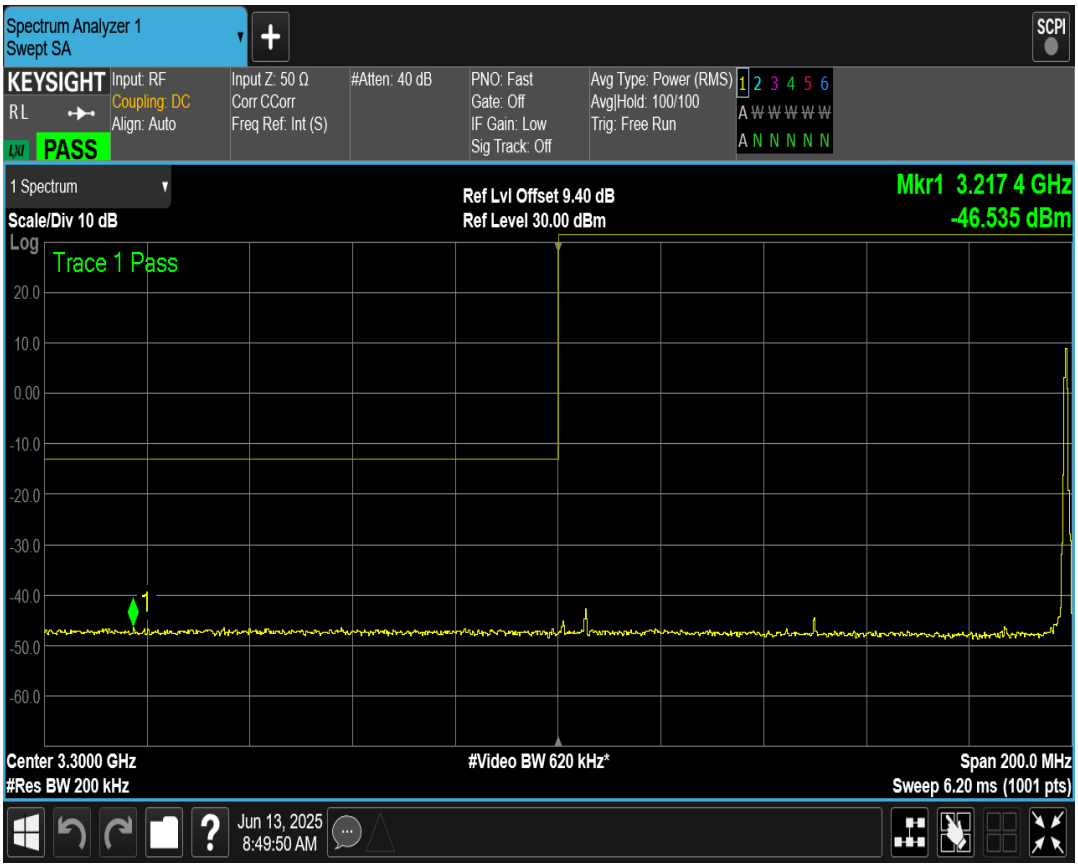
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0



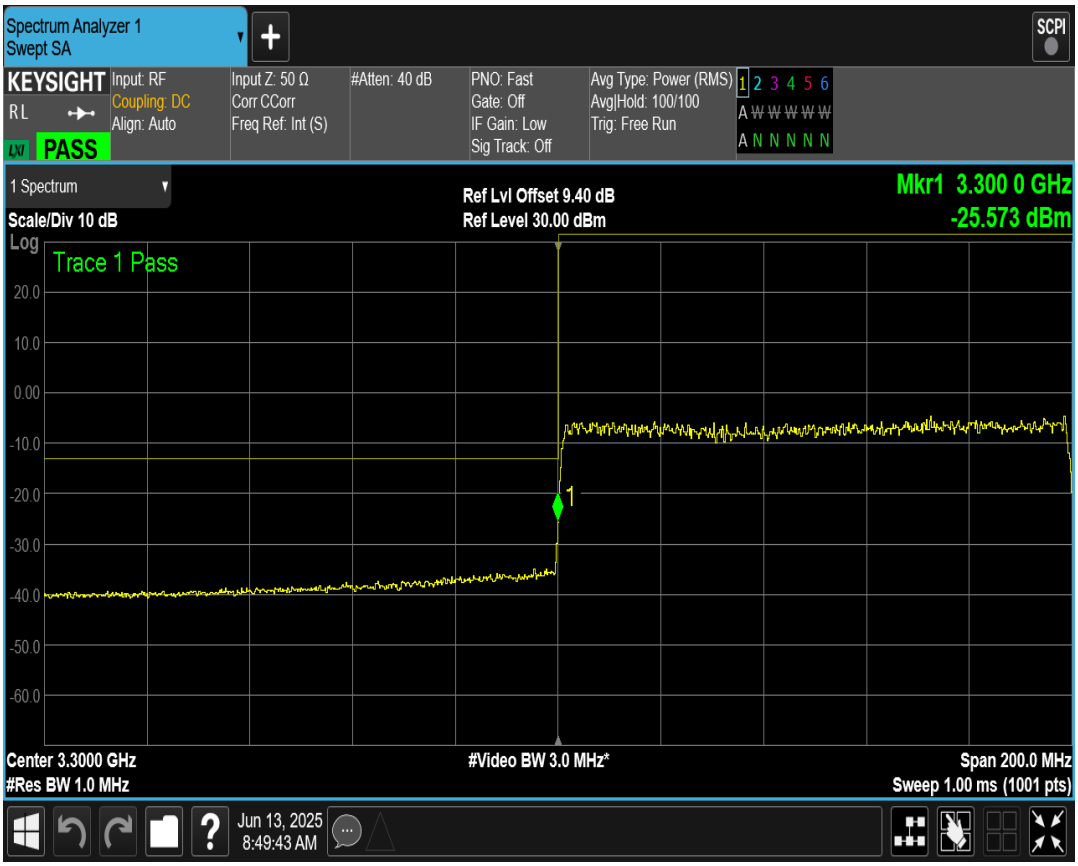
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



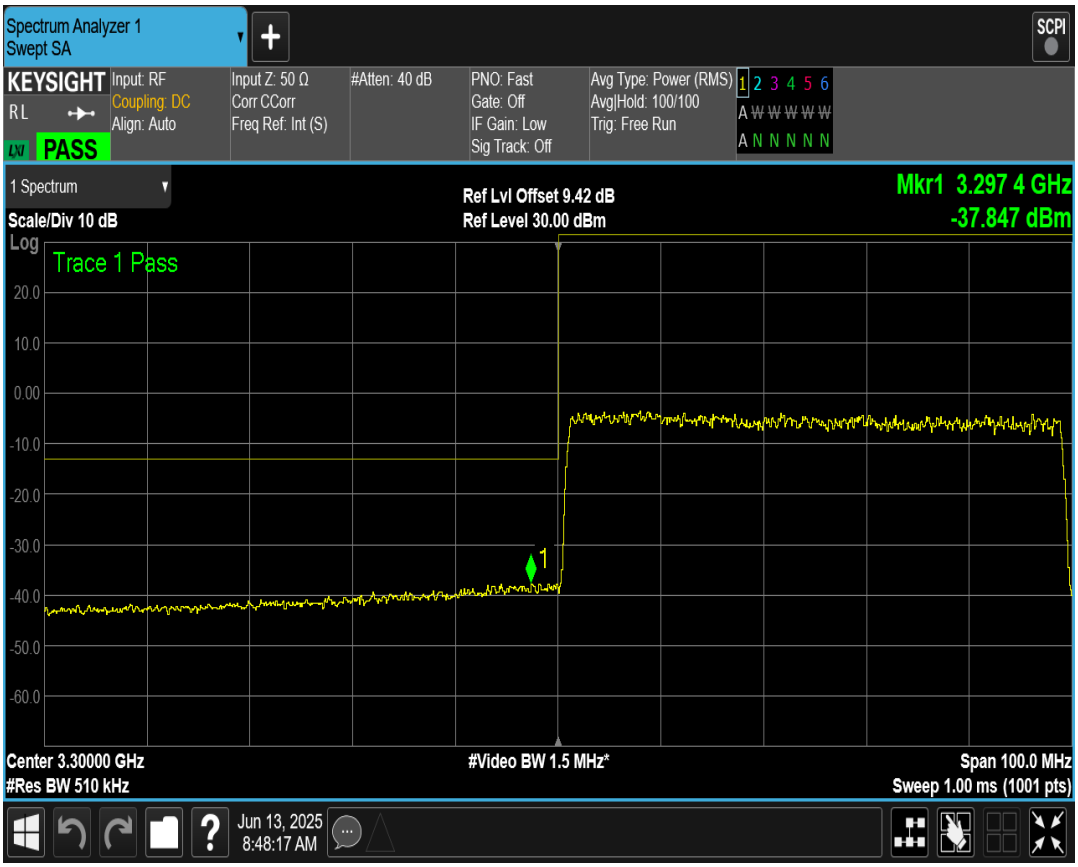
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



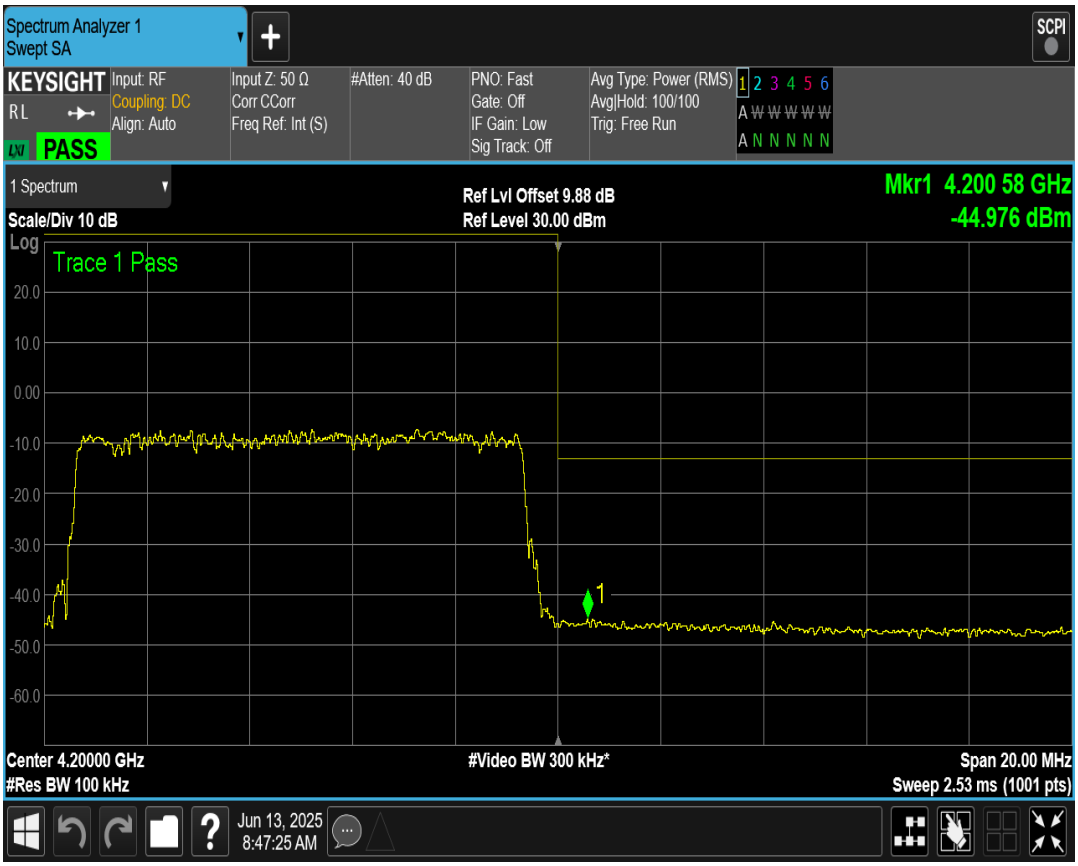
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



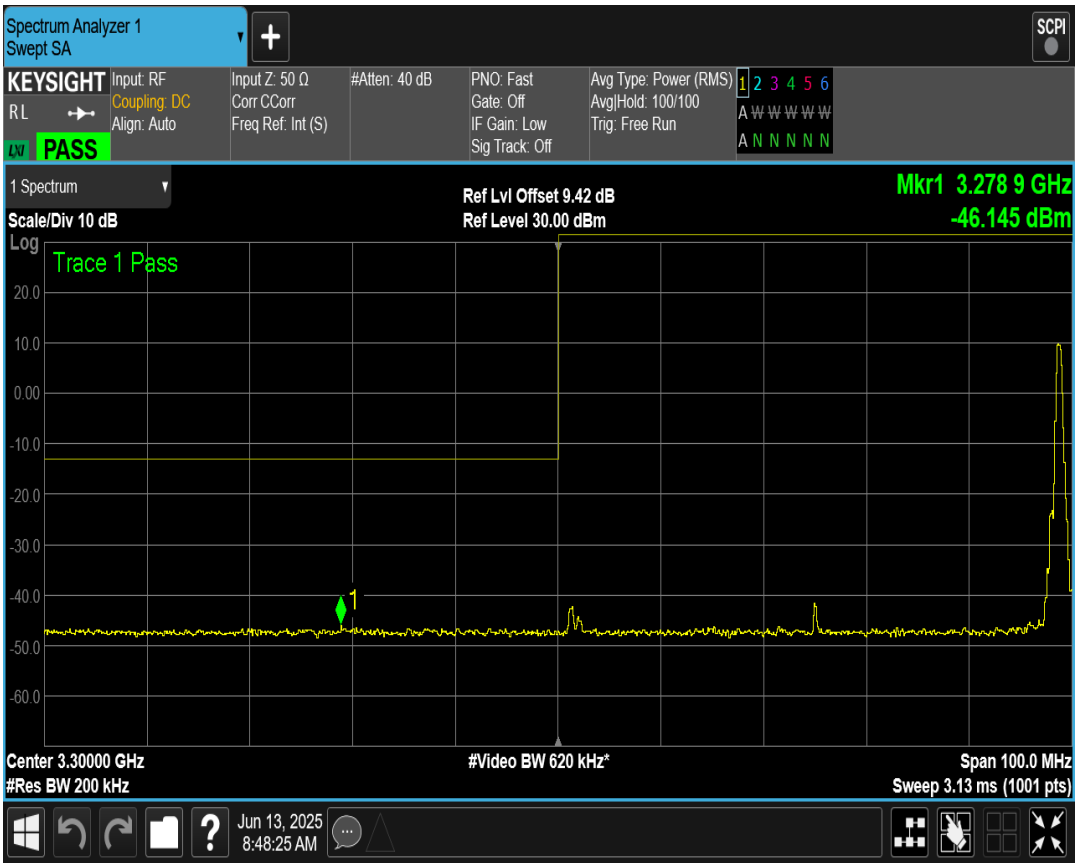
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



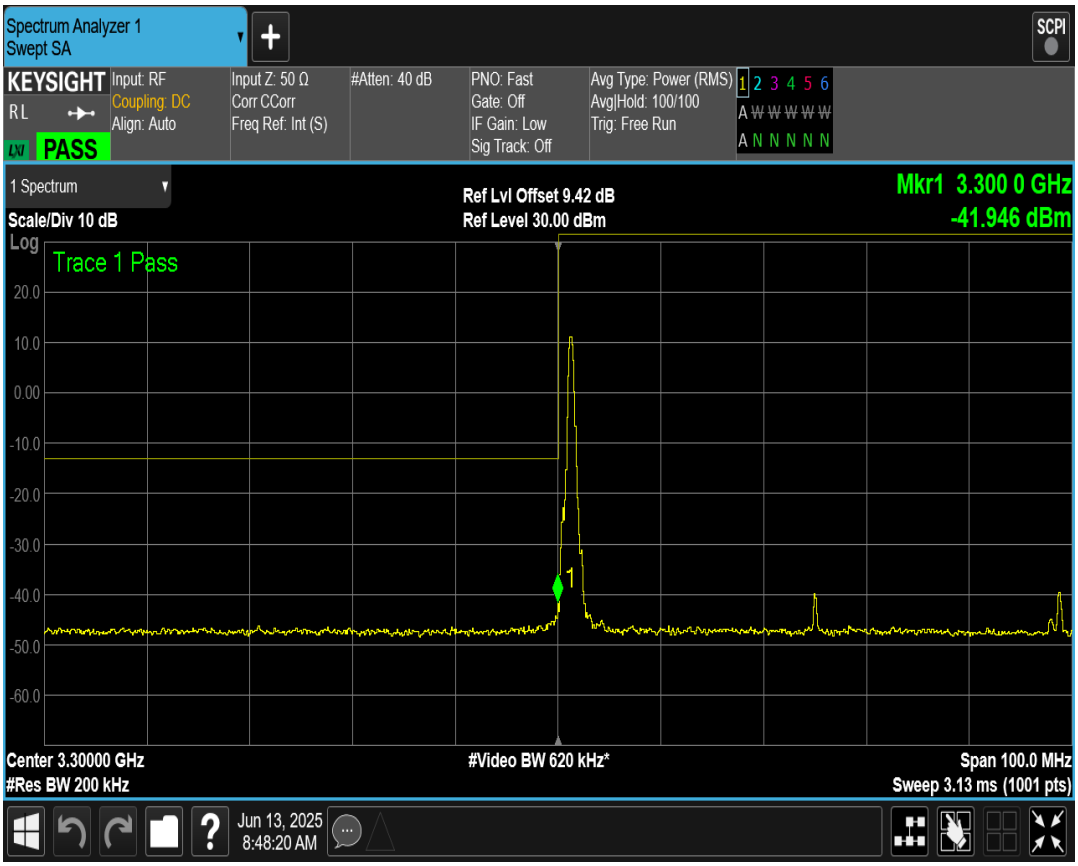
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132

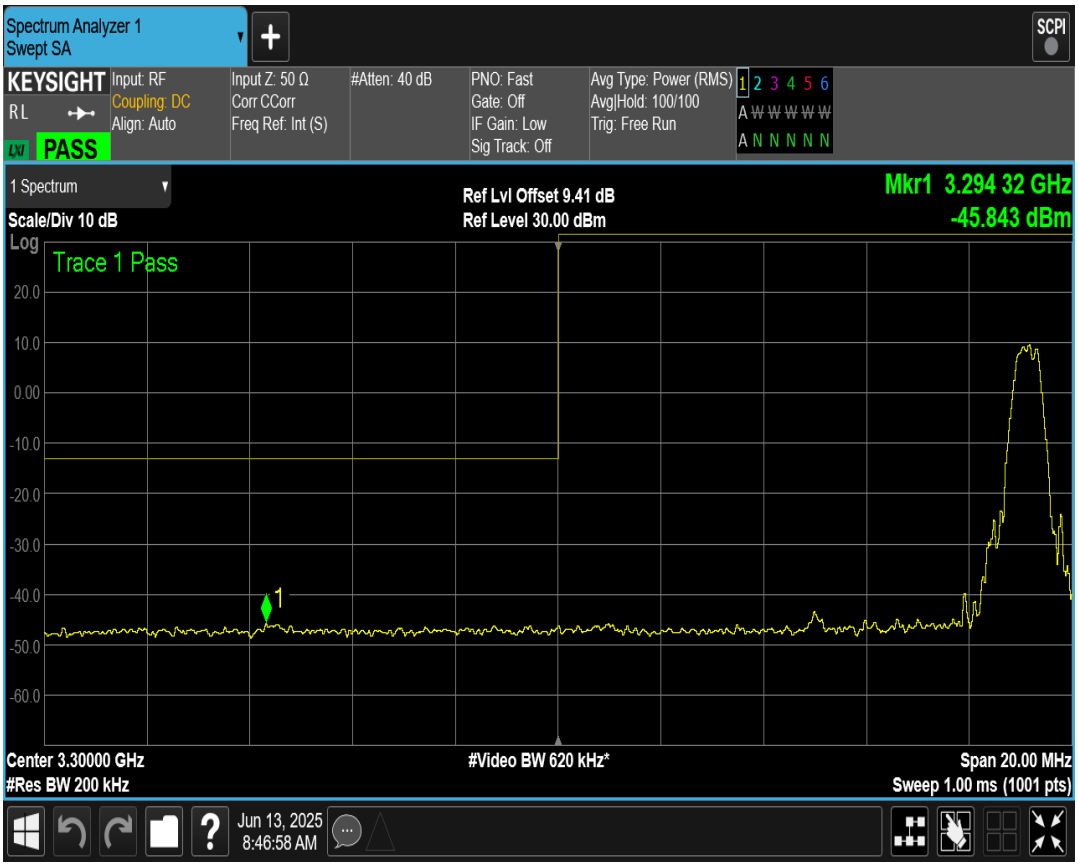


n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0

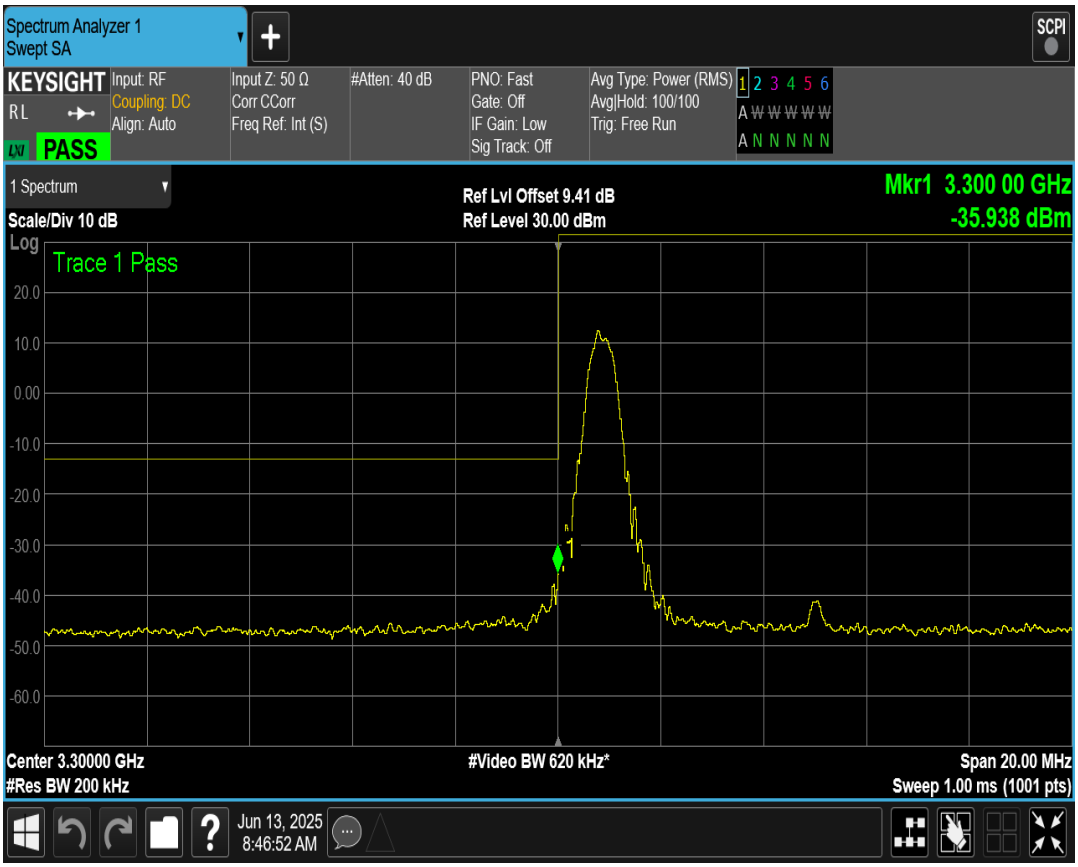


n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23

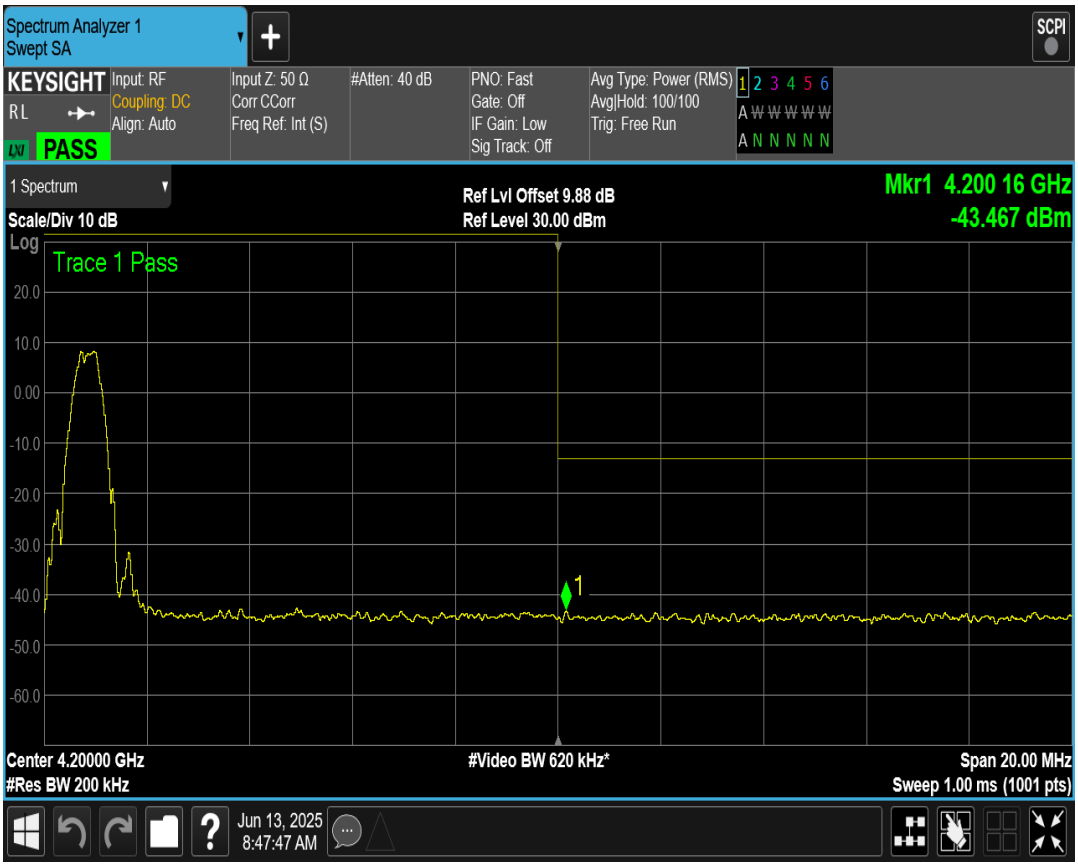
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



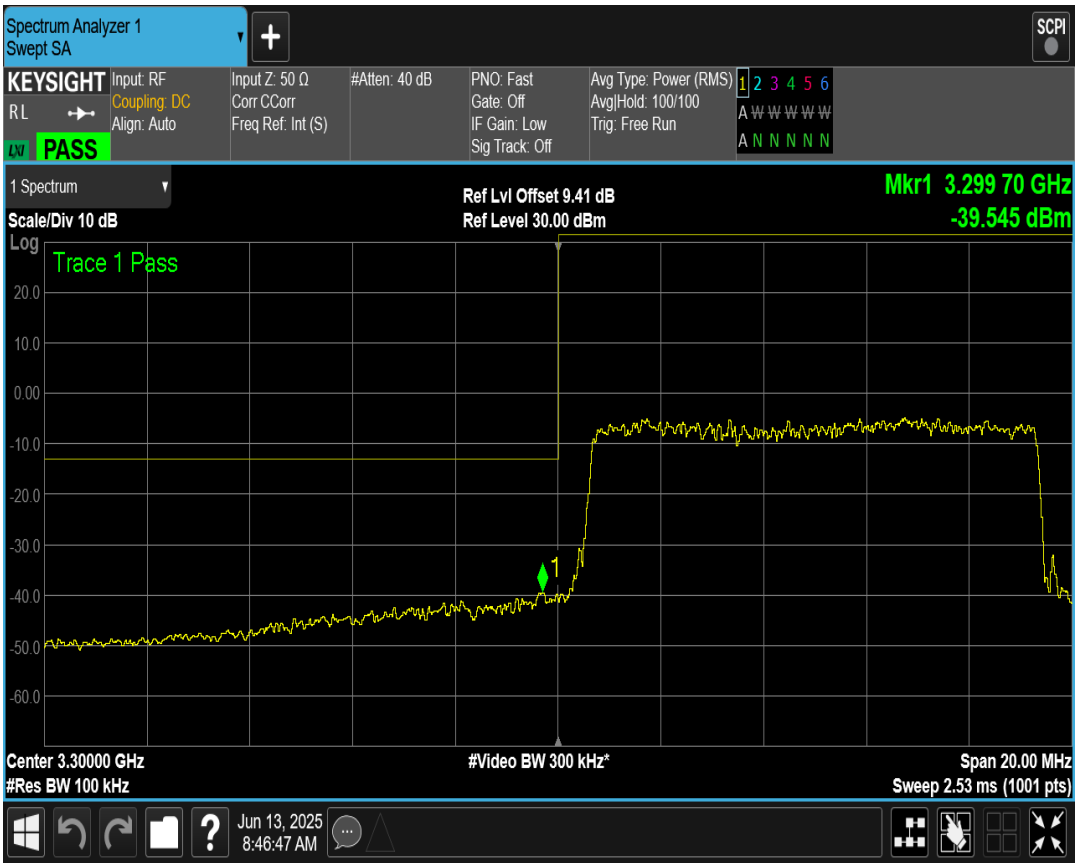
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



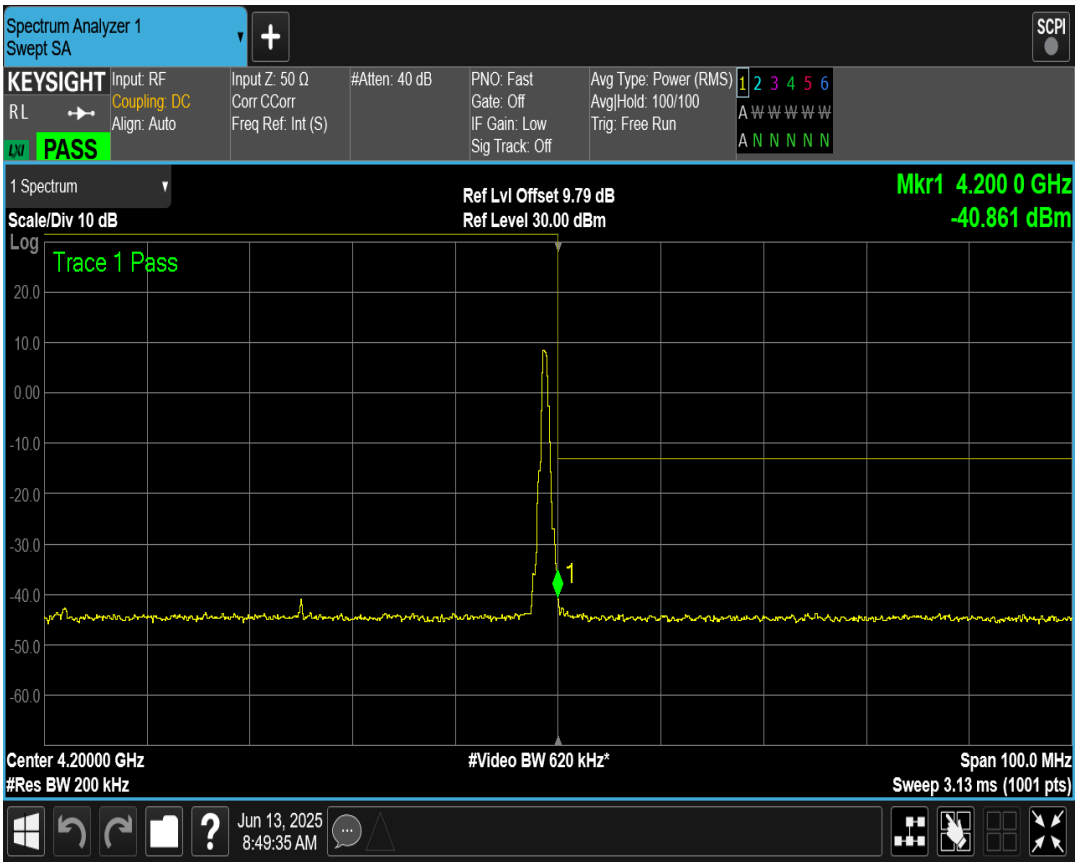
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0



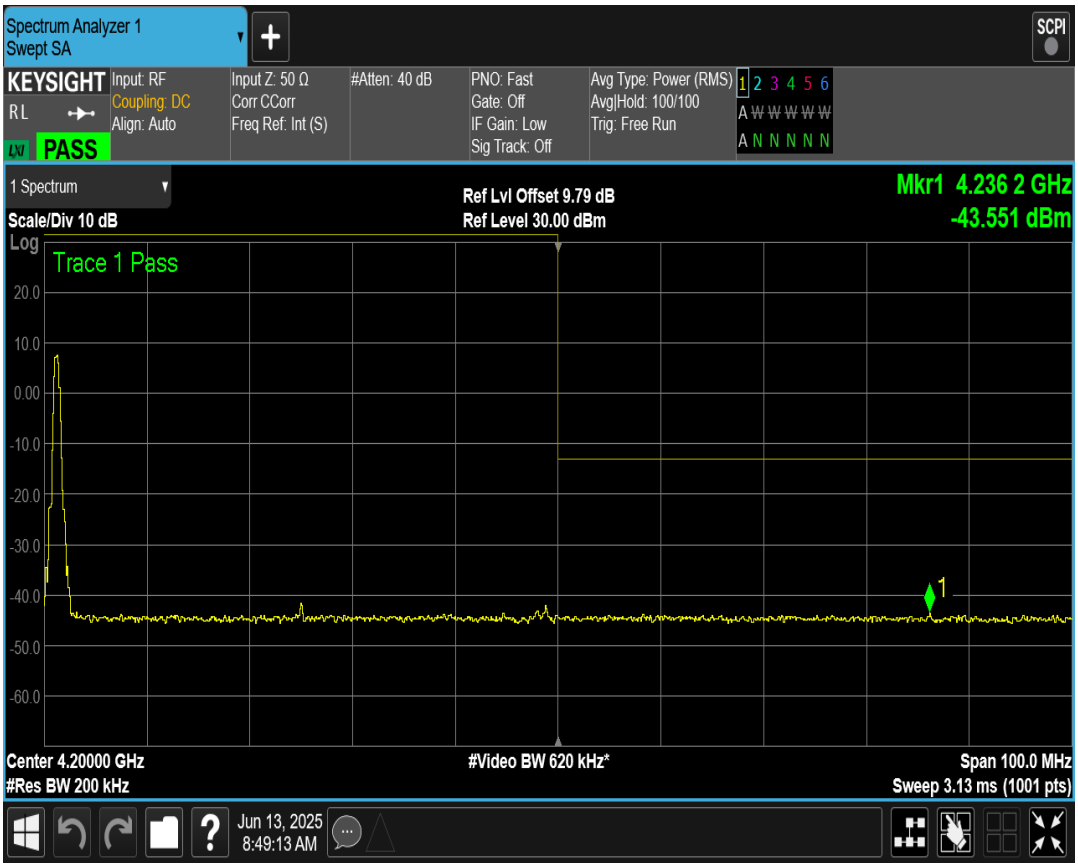
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



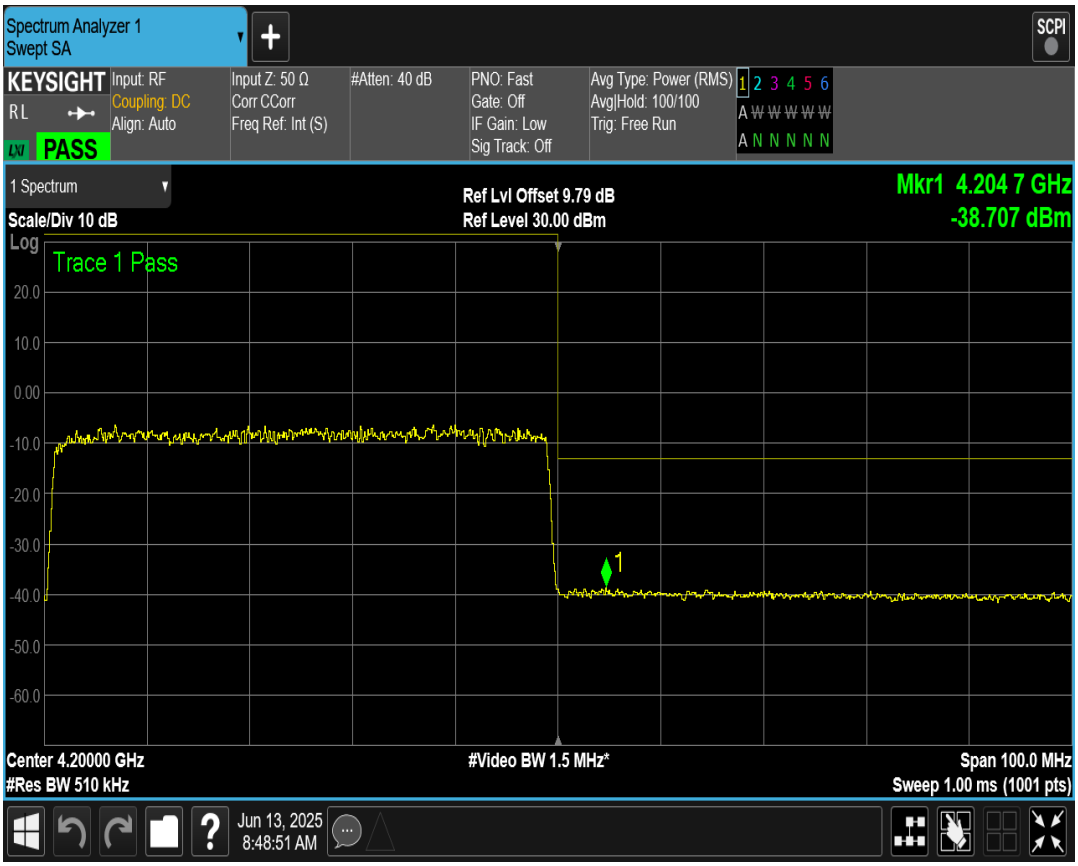
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132



n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@0



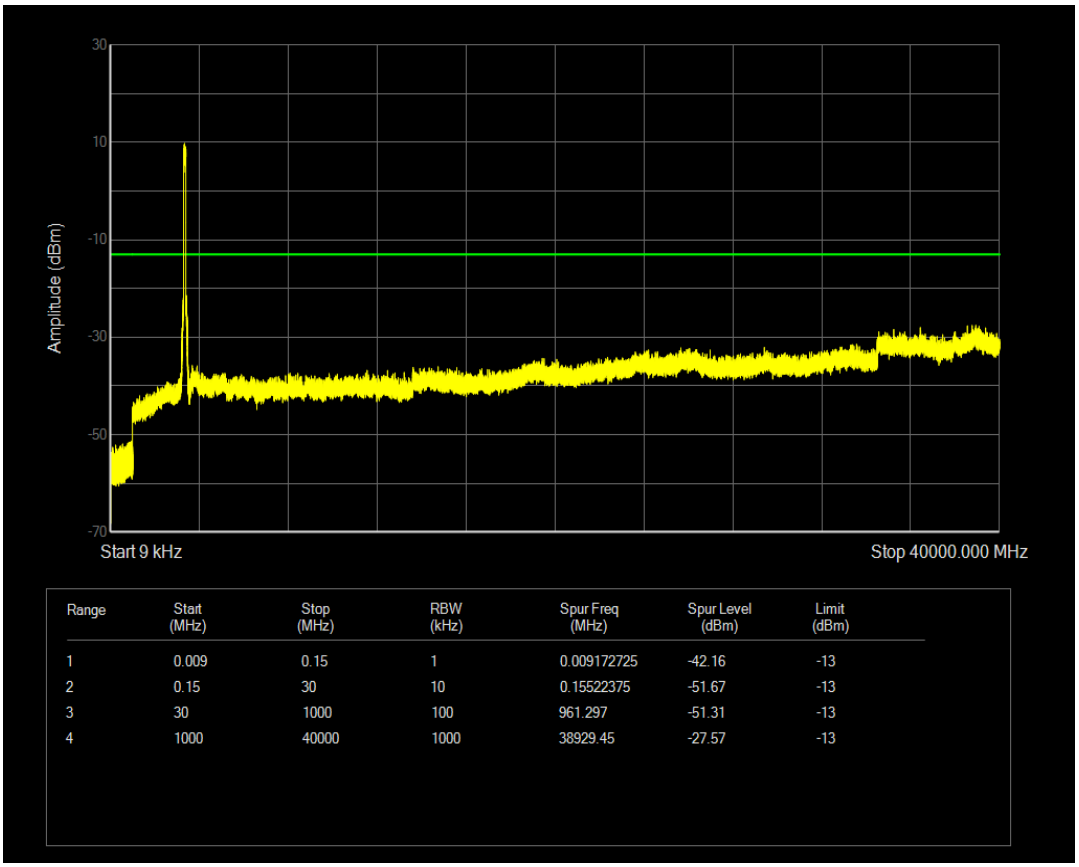
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0



6 Out-of-band emissions for EN-DC

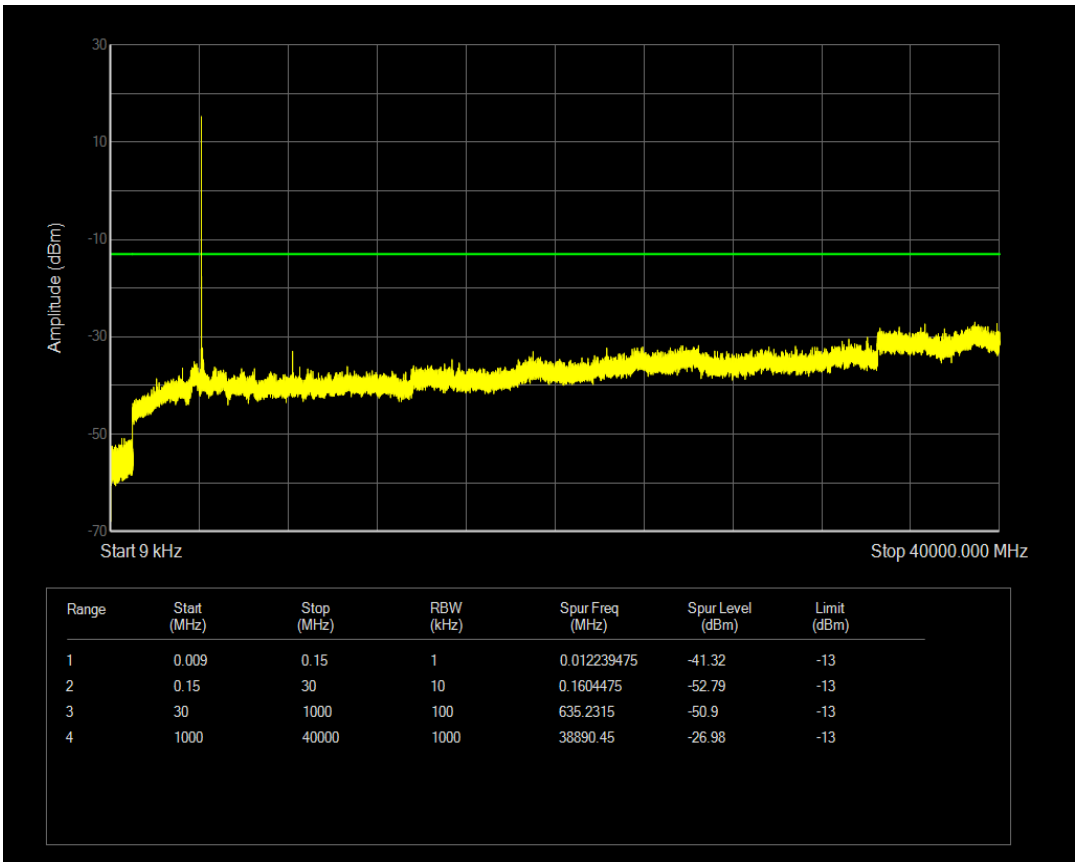
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	39314.58	-27.46	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	38866.08	-26.75	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	34735.98	-27.02	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	38752.00	-26.26	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	38725.68	-25.78	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	38852.43	-27.20	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	38868.03	-27.35	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	38851.45	-26.45	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	38885.58	-27.37	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	38873.88	-26.45	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	38794.90	-27.01	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	38865.10	-27.07	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	38929.45	-27.57	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	39064.00	-26.67	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	39965.88	-27.72	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	38862.18	-26.69	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	38890.45	-26.98	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	38875.83	-27.15	-13	PASS

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



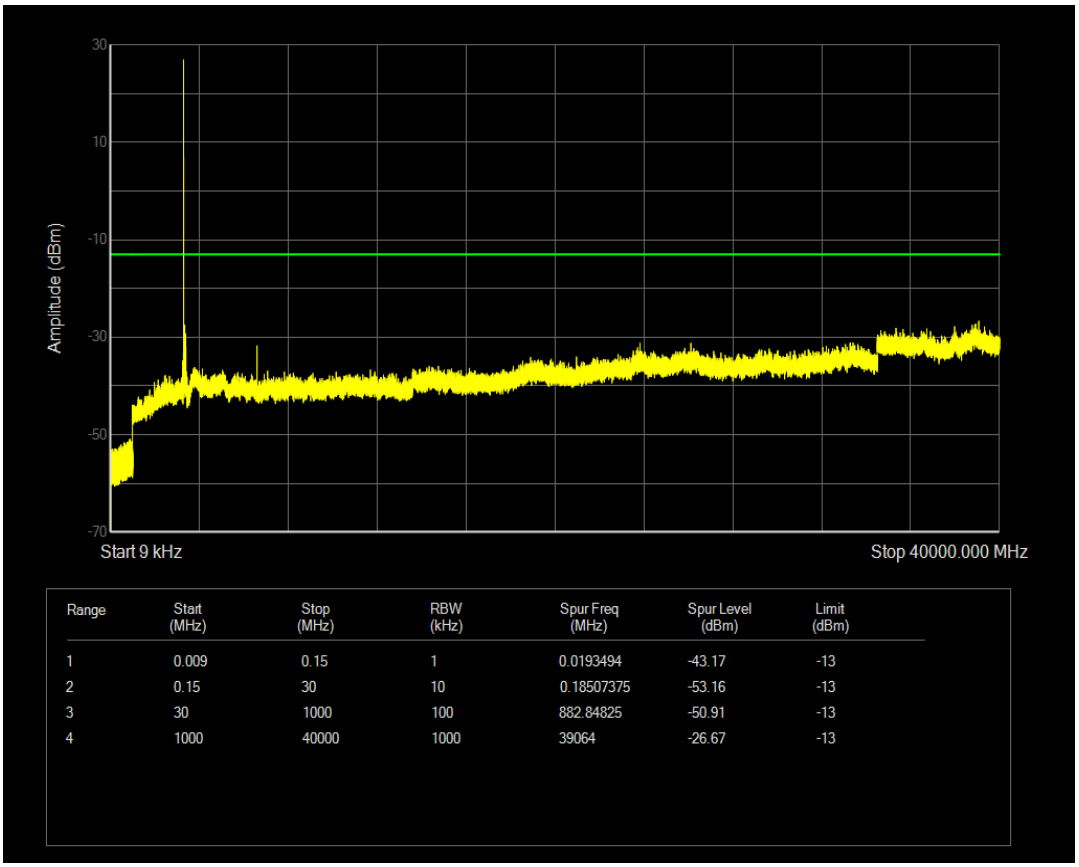
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009172725	-42.16	-13
2	0.15	30	10	0.15522375	-51.67	-13
3	30	1000	100	961.297	-51.31	-13
4	1000	40000	1000	38929.45	-27.57	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



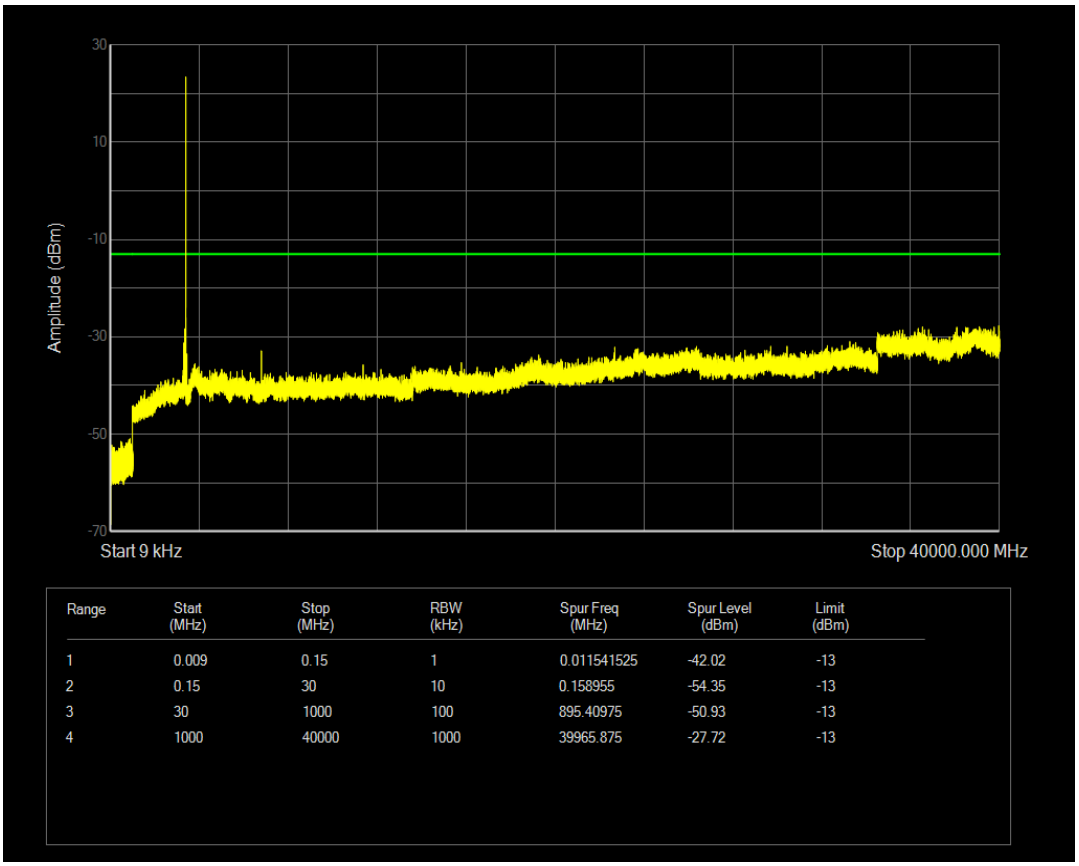
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012239475	-41.32	-13
2	0.15	30	10	0.1604475	-52.79	-13
3	30	1000	100	635.2315	-50.9	-13
4	1000	40000	1000	38890.45	-26.98	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



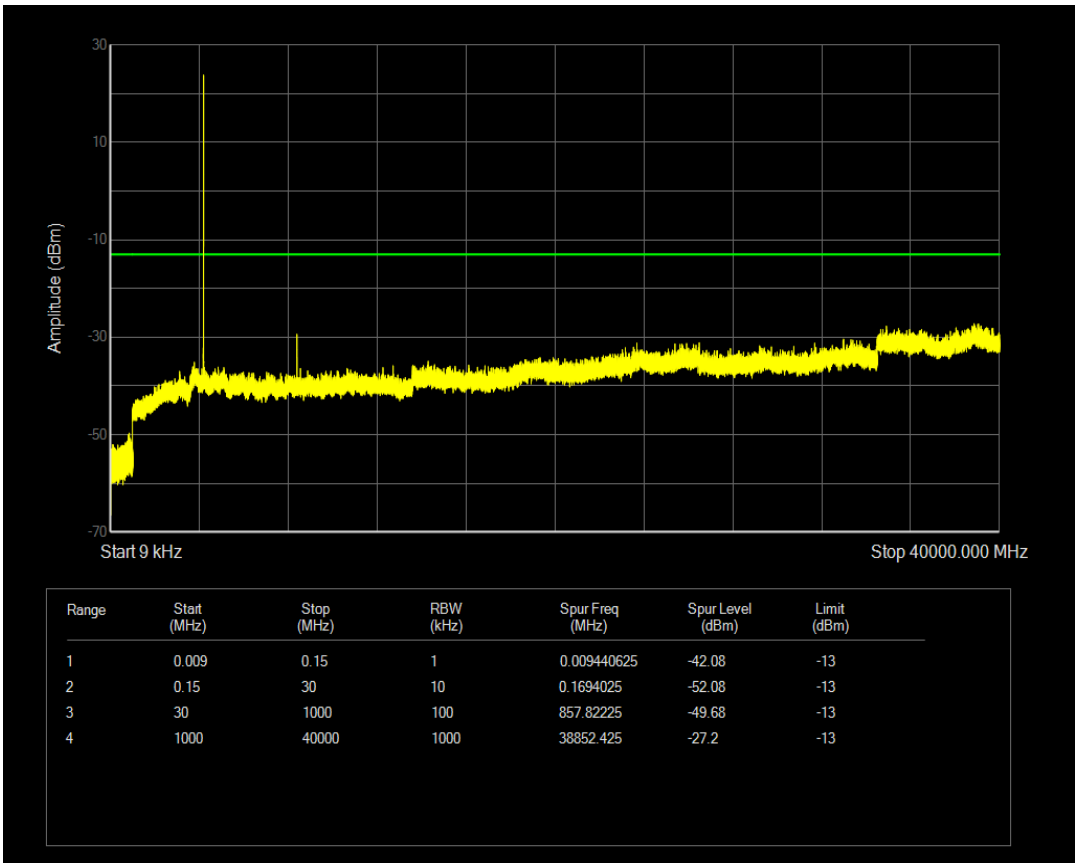
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0193494	-43.17	-13
2	0.15	30	10	0.18507375	-53.16	-13
3	30	1000	100	882.84825	-50.91	-13
4	1000	40000	1000	39064	-26.67	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



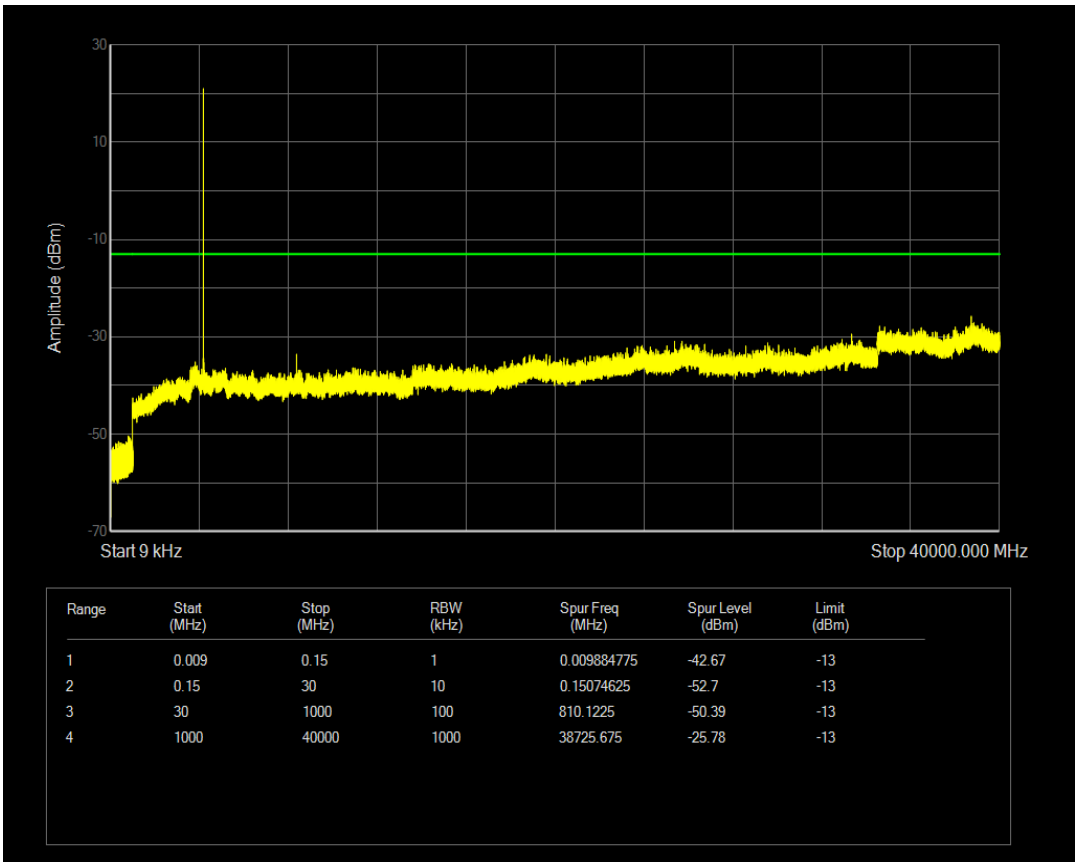
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011541525	-42.02	-13
2	0.15	30	10	0.158955	-54.35	-13
3	30	1000	100	895.40975	-50.93	-13
4	1000	40000	1000	39965.875	-27.72	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



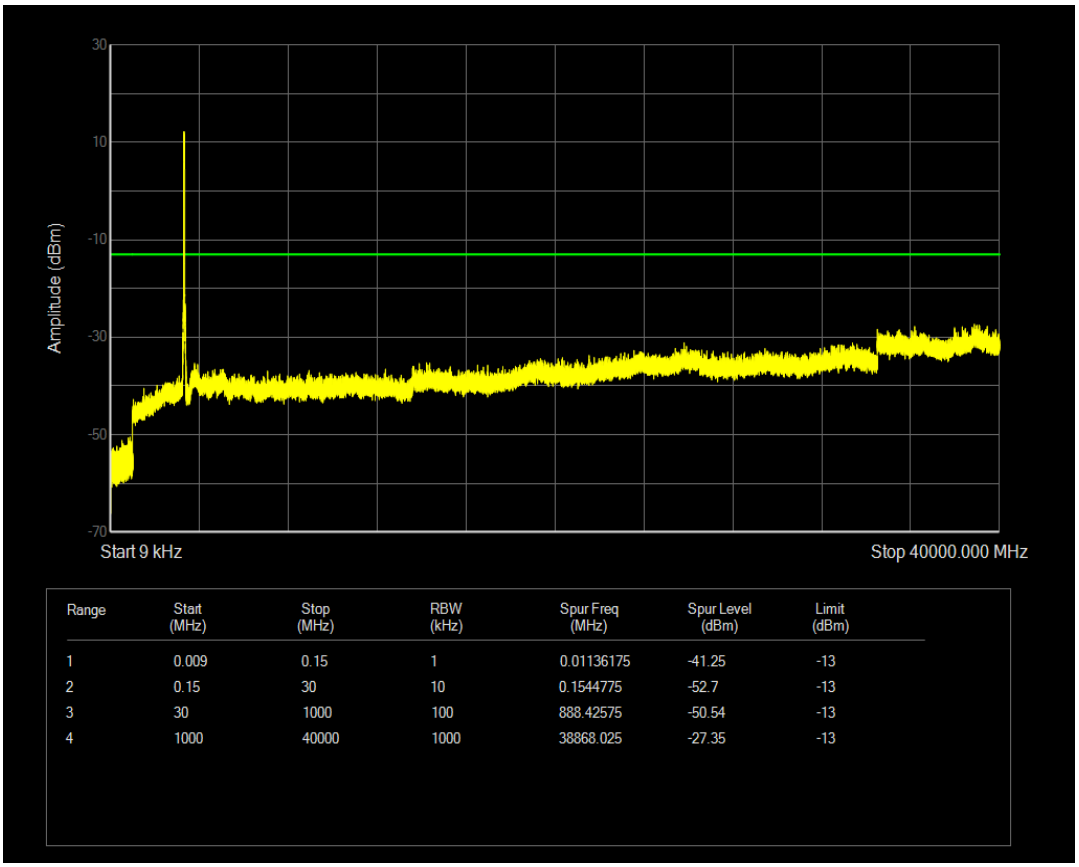
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009440625	-42.08	-13
2	0.15	30	10	0.1694025	-52.08	-13
3	30	1000	100	857.82225	-49.68	-13
4	1000	40000	1000	38852.425	-27.2	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0



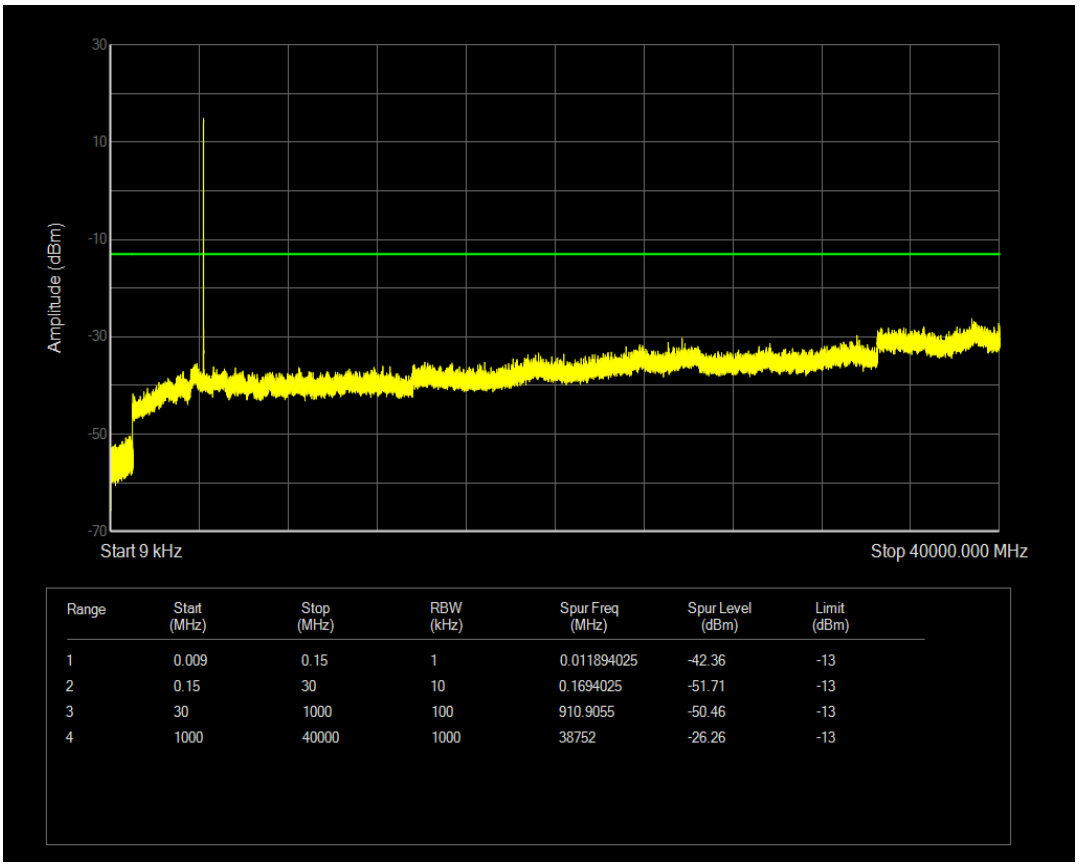
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009884775	-42.67	-13
2	0.15	30	10	0.15074625	-52.7	-13
3	30	1000	100	810.1225	-50.39	-13
4	1000	40000	1000	38725.675	-25.78	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



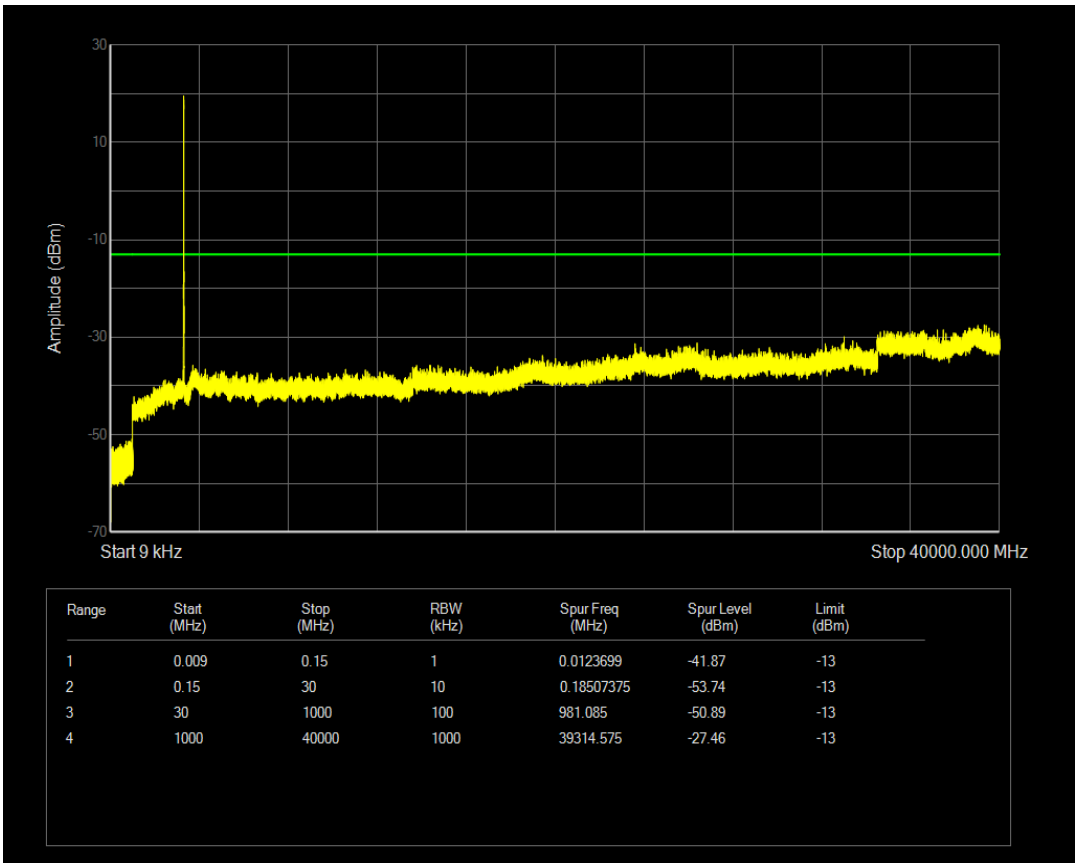
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01136175	-41.25	-13
2	0.15	30	10	0.1544775	-52.7	-13
3	30	1000	100	888.42575	-50.54	-13
4	1000	40000	1000	38868.025	-27.35	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



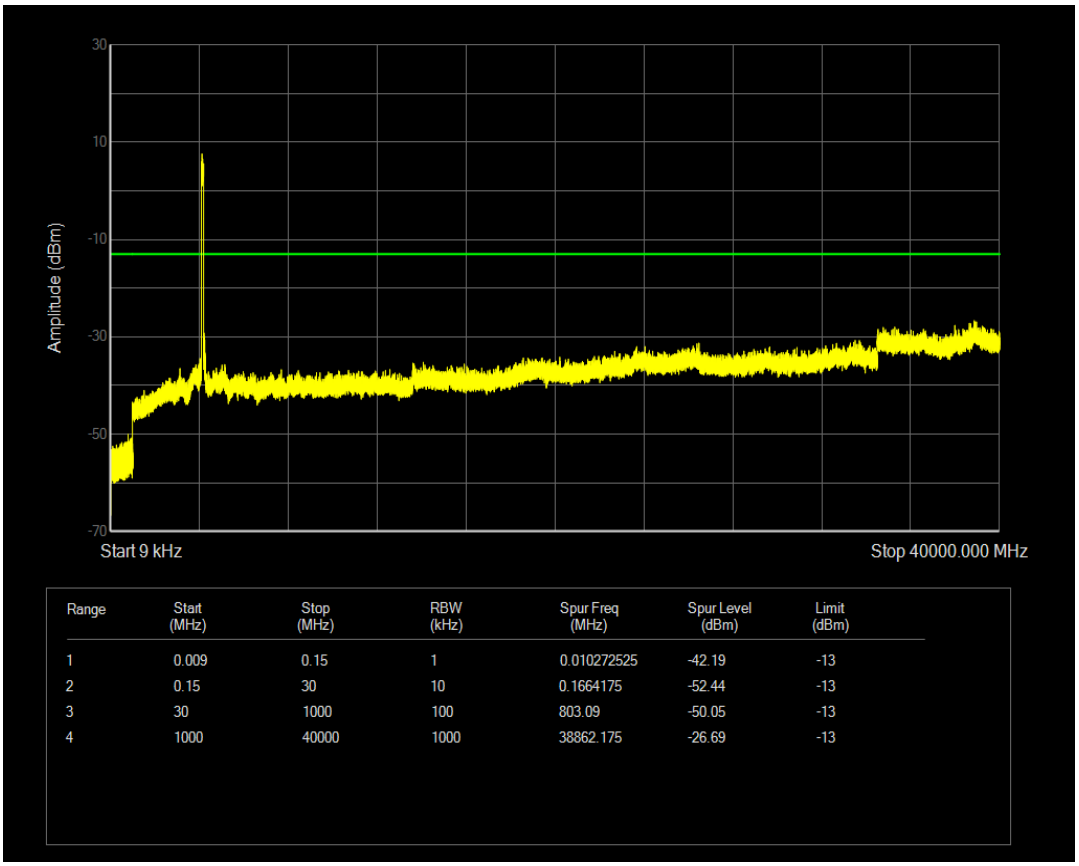
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011894025	-42.36	-13
2	0.15	30	10	0.1694025	-51.71	-13
3	30	1000	100	910.9055	-50.46	-13
4	1000	40000	1000	38752	-26.26	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



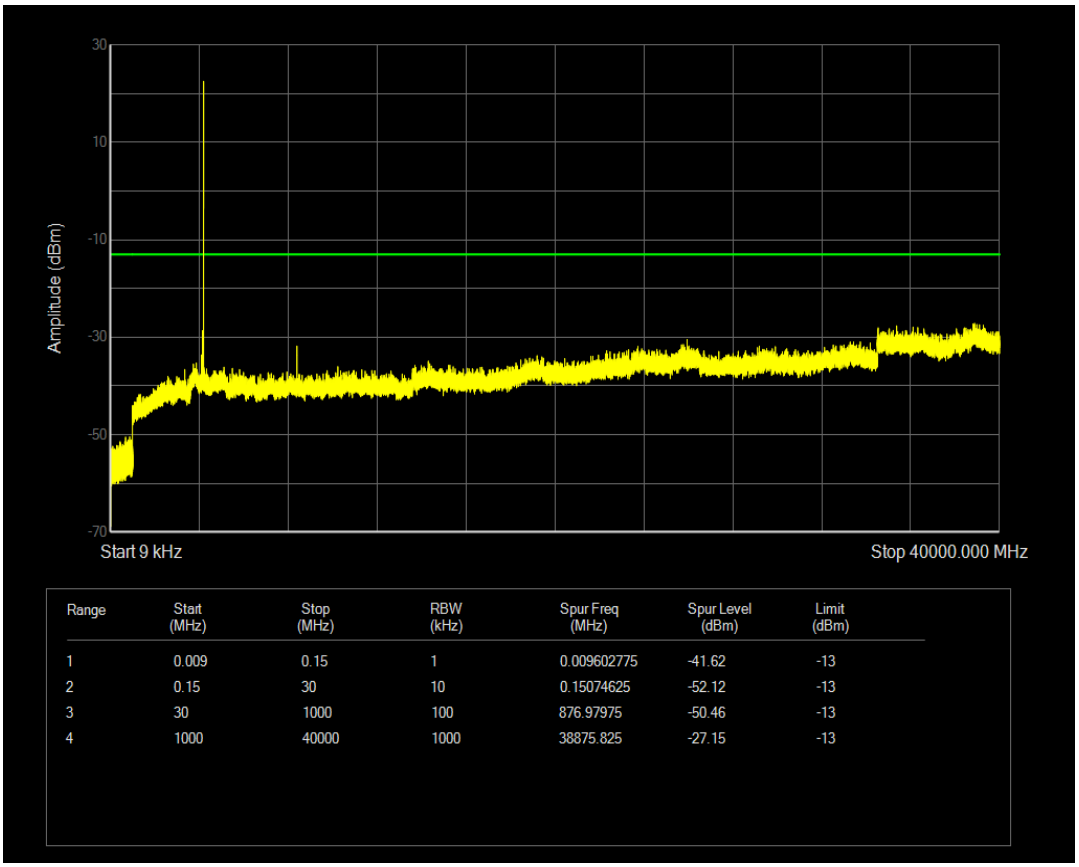
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123699	-41.87	-13
2	0.15	30	10	0.18507375	-53.74	-13
3	30	1000	100	981.085	-50.89	-13
4	1000	40000	1000	39314.575	-27.46	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0



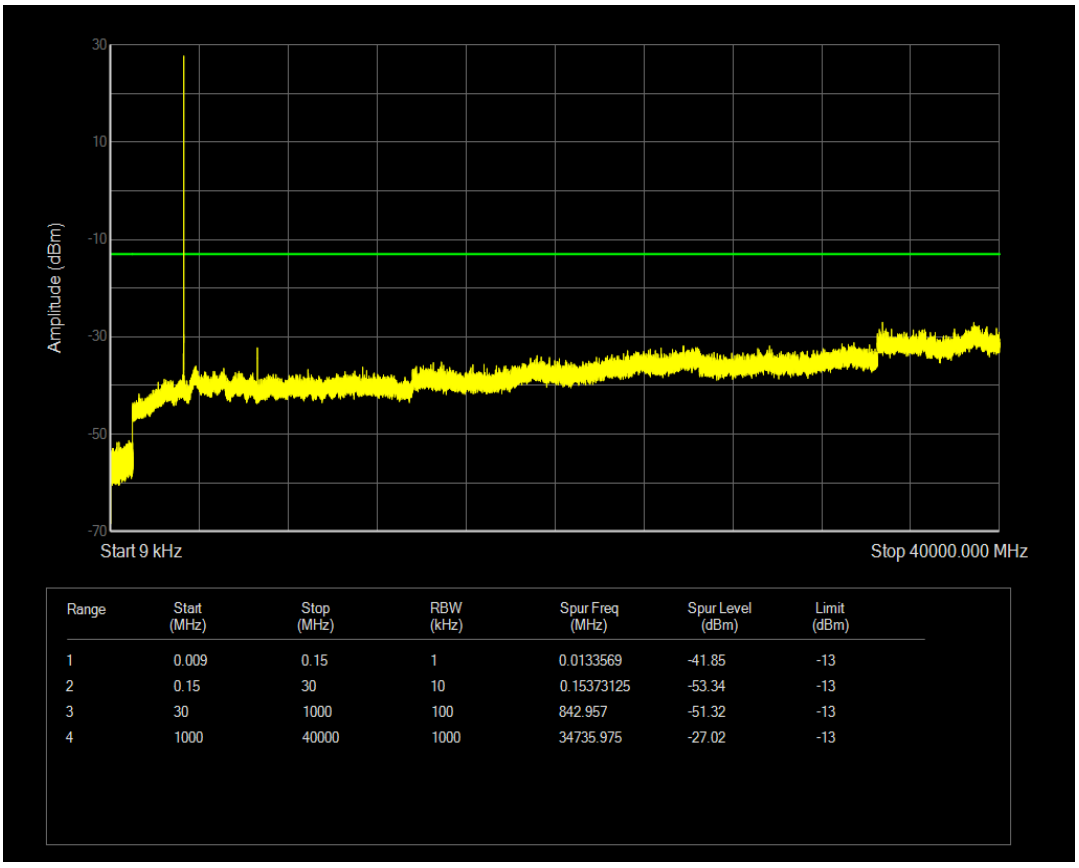
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010272525	-42.19	-13
2	0.15	30	10	0.1664175	-52.44	-13
3	30	1000	100	803.09	-50.05	-13
4	1000	40000	1000	38862.175	-26.69	-13

n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272



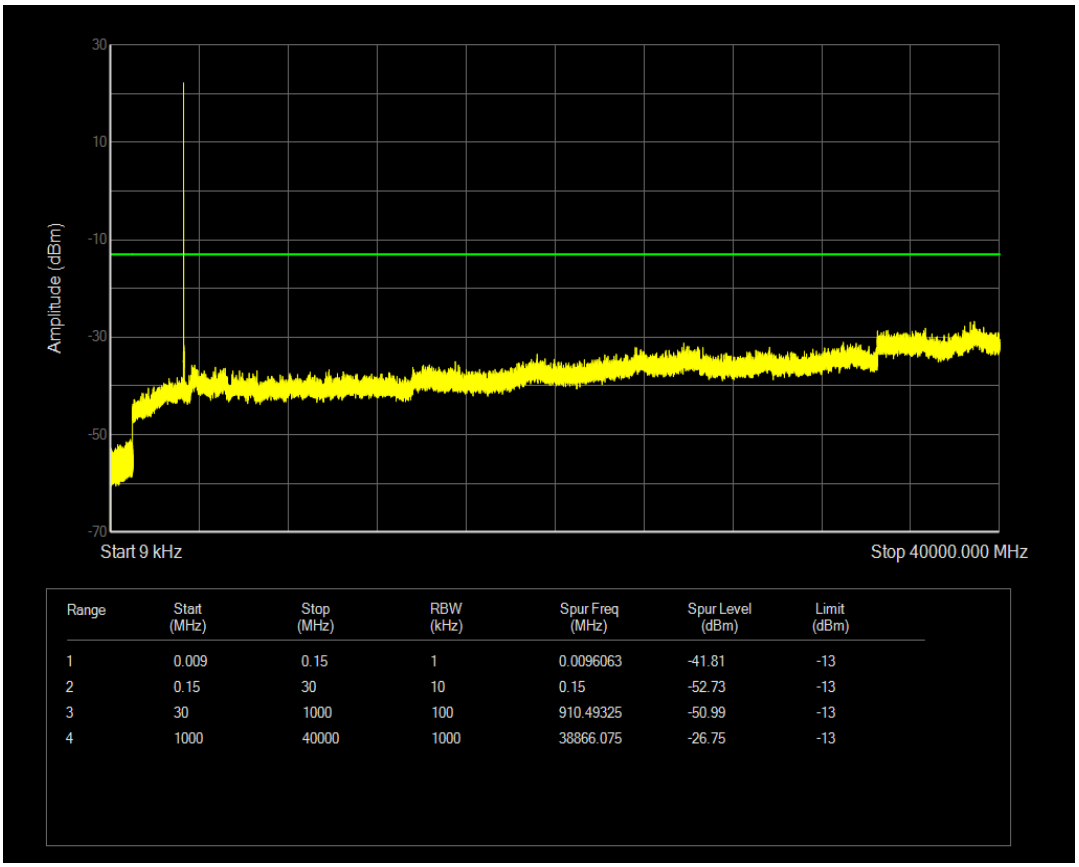
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009602775	-41.62	-13
2	0.15	30	10	0.15074625	-52.12	-13
3	30	1000	100	876.97975	-50.46	-13
4	1000	40000	1000	38875.825	-27.15	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



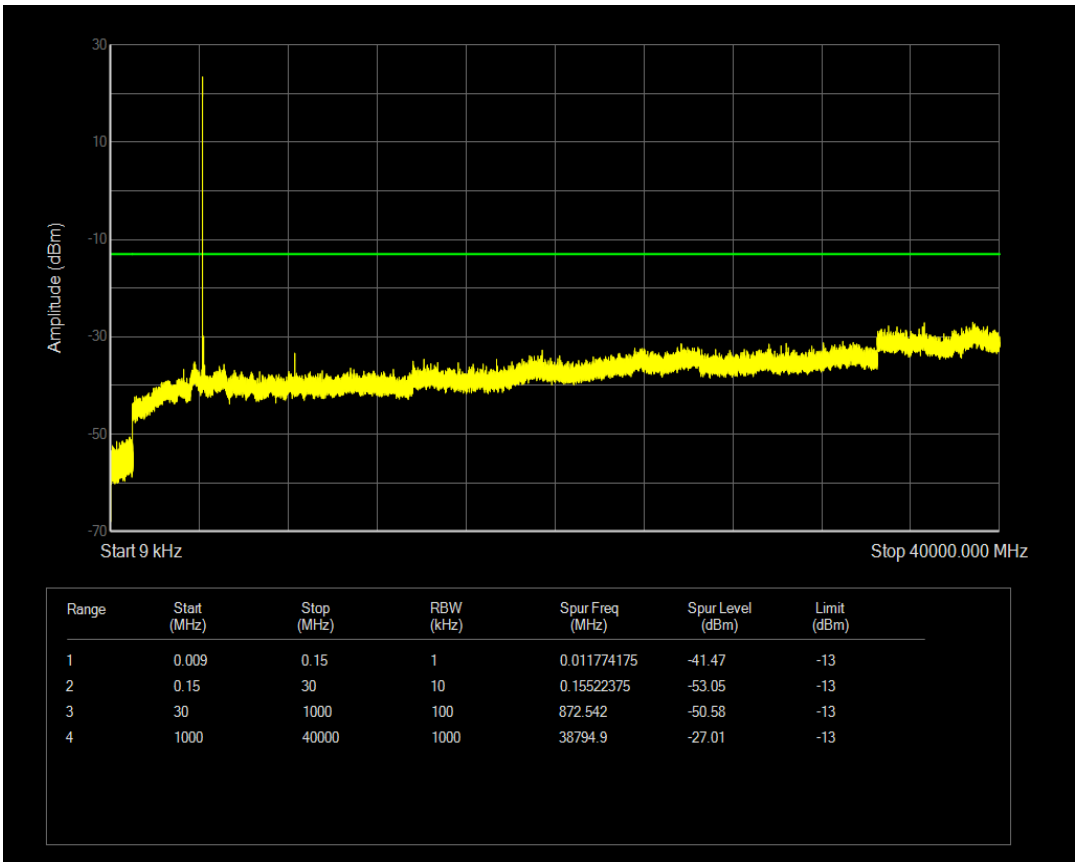
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0133569	-41.85	-13
2	0.15	30	10	0.15373125	-53.34	-13
3	30	1000	100	842.957	-51.32	-13
4	1000	40000	1000	34735.975	-27.02	-13

n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



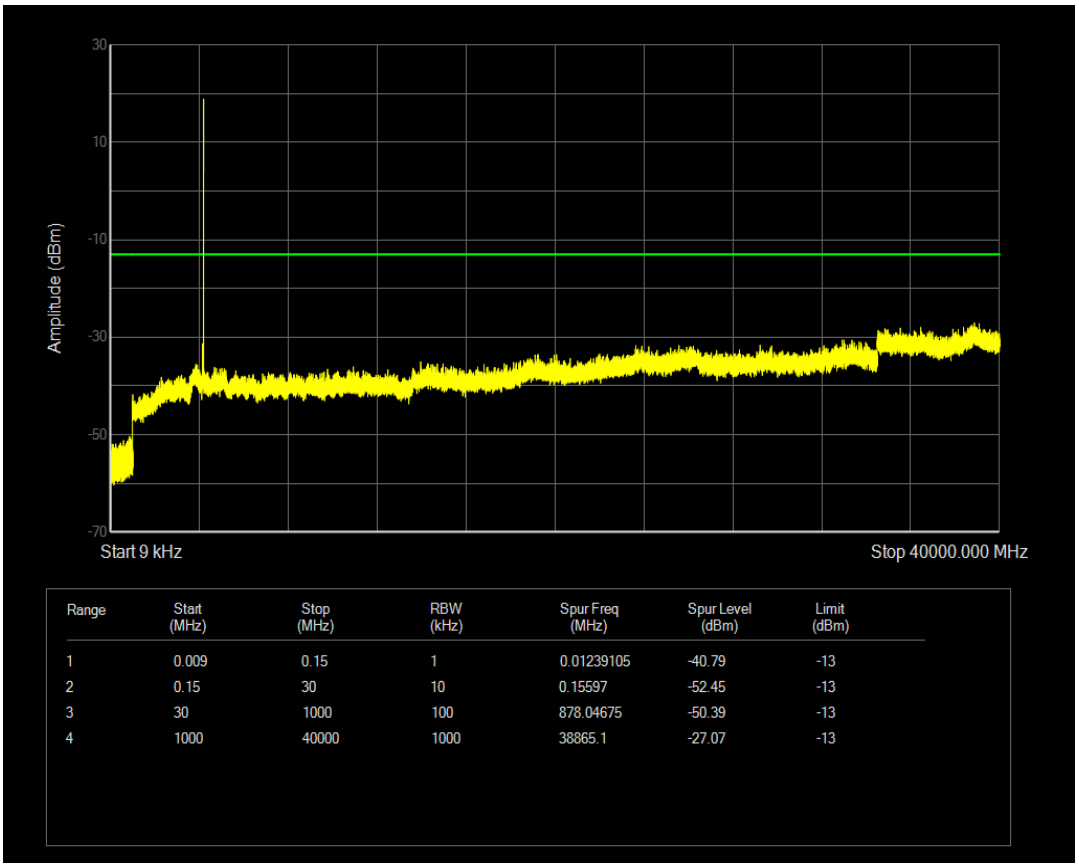
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096063	-41.81	-13
2	0.15	30	10	0.15	-52.73	-13
3	30	1000	100	910.49325	-50.99	-13
4	1000	40000	1000	38866.075	-26.75	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@0



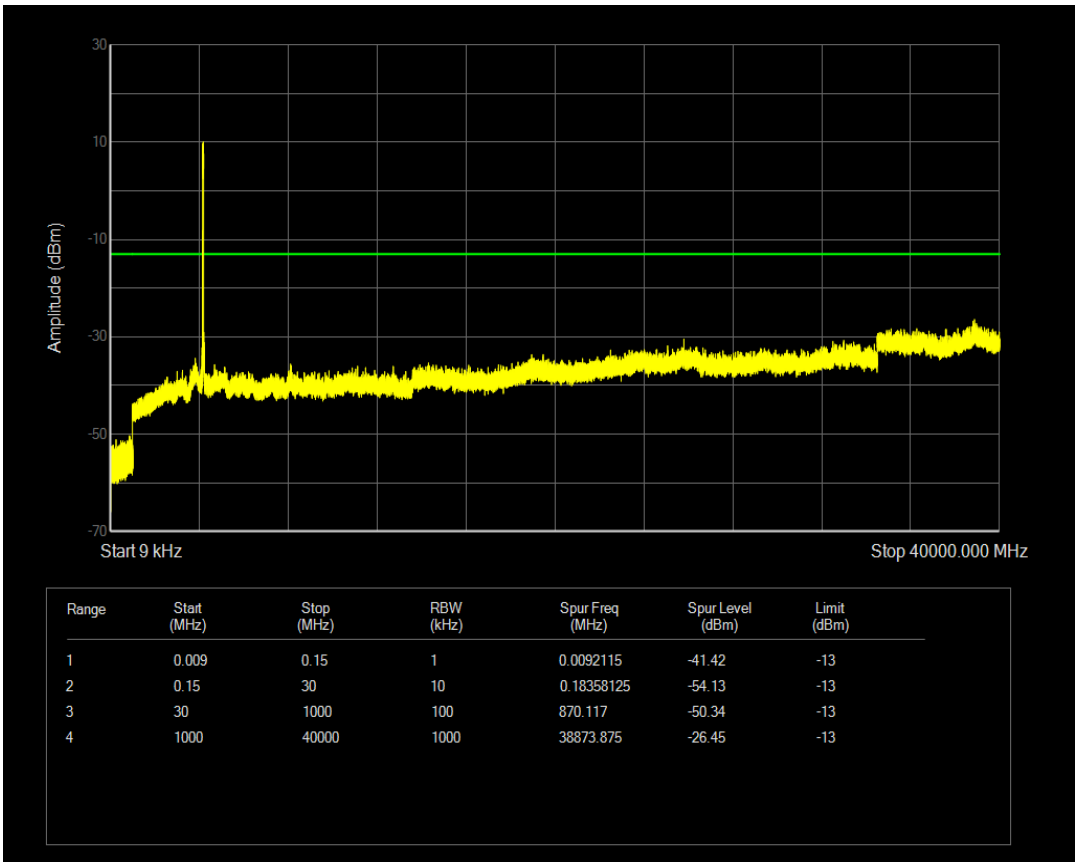
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011774175	-41.47	-13
2	0.15	30	10	0.15522375	-53.05	-13
3	30	1000	100	872.542	-50.58	-13
4	1000	40000	1000	38794.9	-27.01	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132



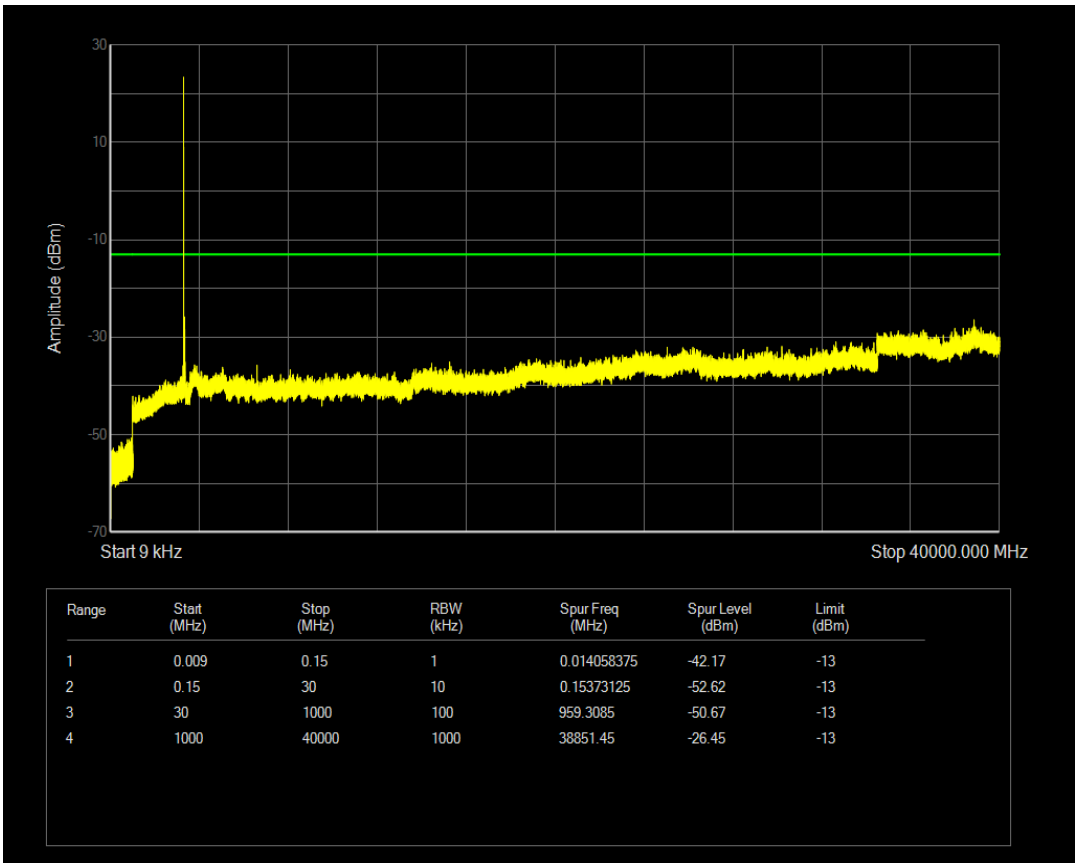
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01239105	-40.79	-13
2	0.15	30	10	0.15597	-52.45	-13
3	30	1000	100	878.04675	-50.39	-13
4	1000	40000	1000	38865.1	-27.07	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=133@0



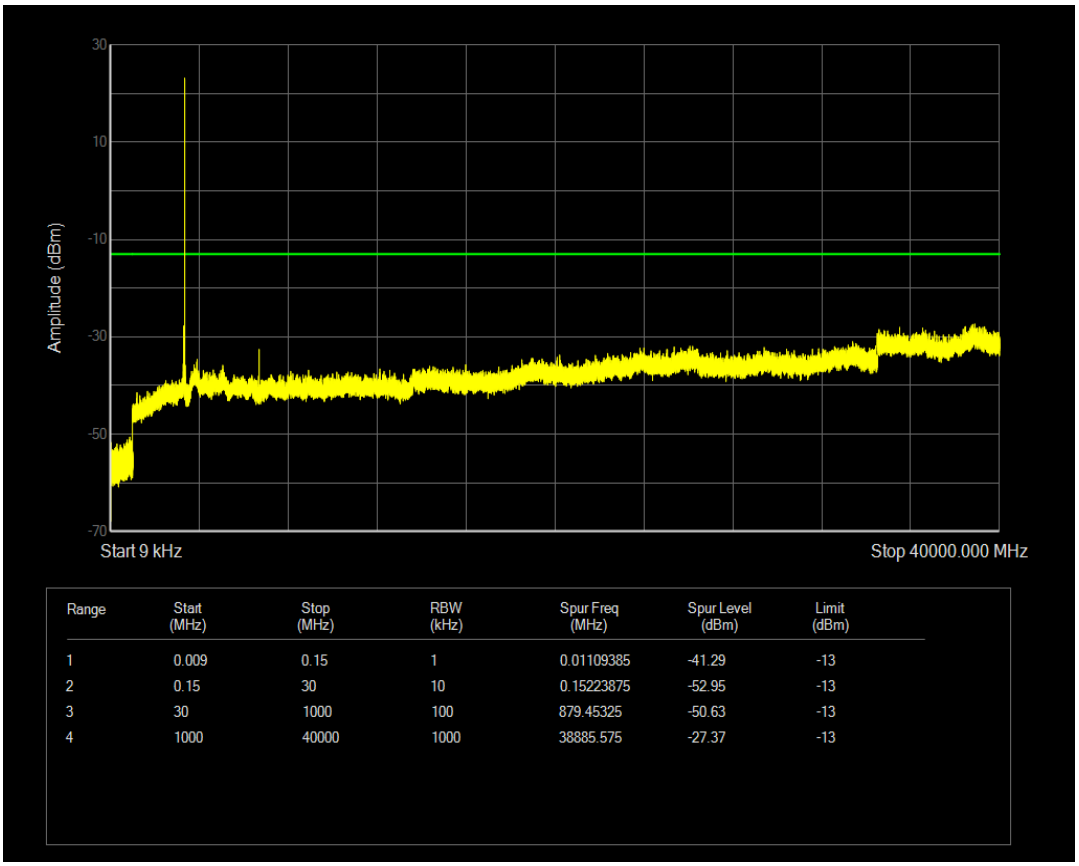
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092115	-41.42	-13
2	0.15	30	10	0.18358125	-54.13	-13
3	30	1000	100	870.117	-50.34	-13
4	1000	40000	1000	38873.875	-26.45	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014058375	-42.17	-13
2	0.15	30	10	0.15373125	-52.62	-13
3	30	1000	100	959.3085	-50.67	-13
4	1000	40000	1000	38851.45	-26.45	-13

n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01109385	-41.29	-13
2	0.15	30	10	0.15223875	-52.95	-13
3	30	1000	100	879.45325	-50.63	-13
4	1000	40000	1000	38885.575	-27.37	-13