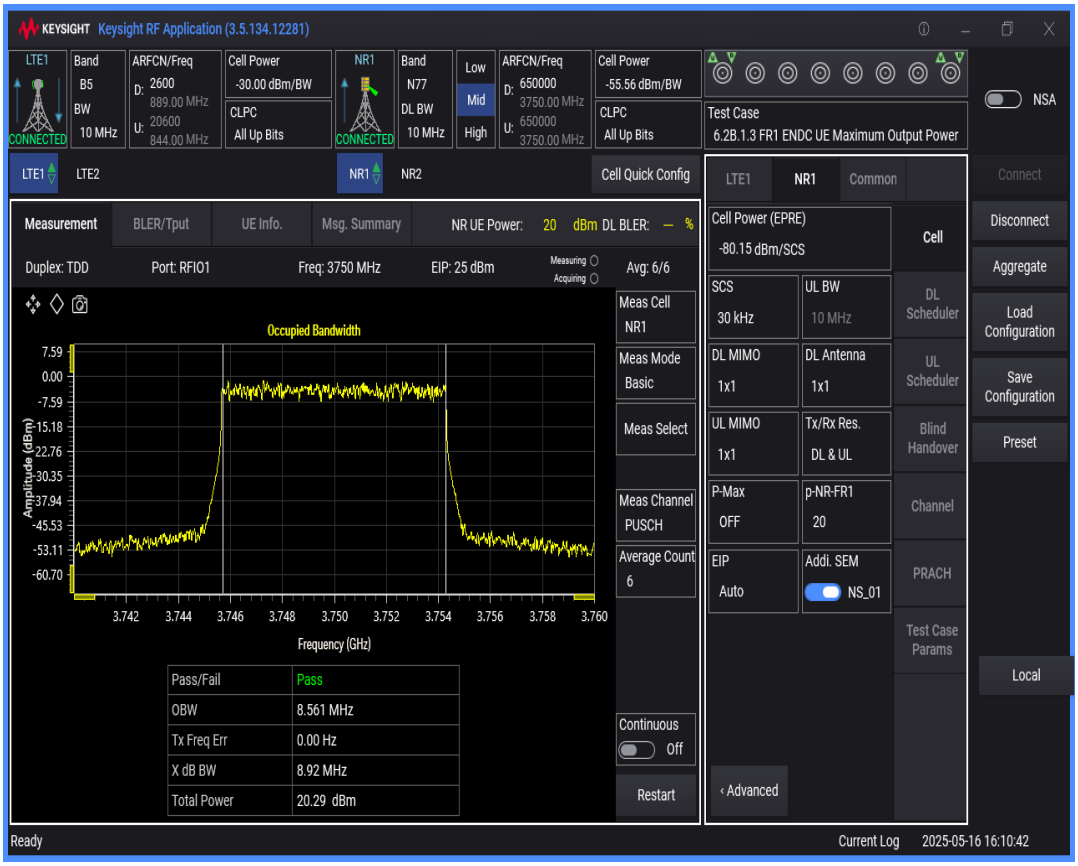
n77 SCS=30kHz DFT_QPSK BW=15MHz Channel=650000 RB=36@0

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=40MHz Channel=650000 RB=100@0

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

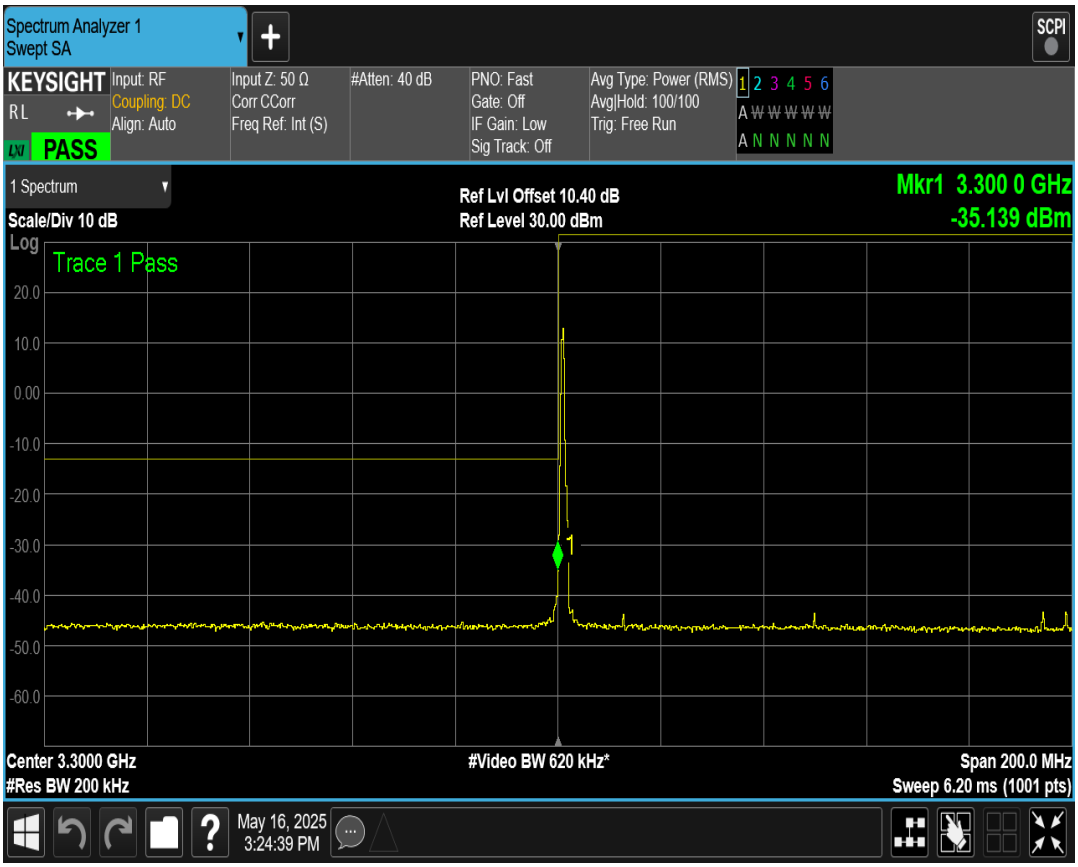
n77 SCS=30kHz DFT_QPSK BW=80MHz Channel=650000 RB=216@0

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

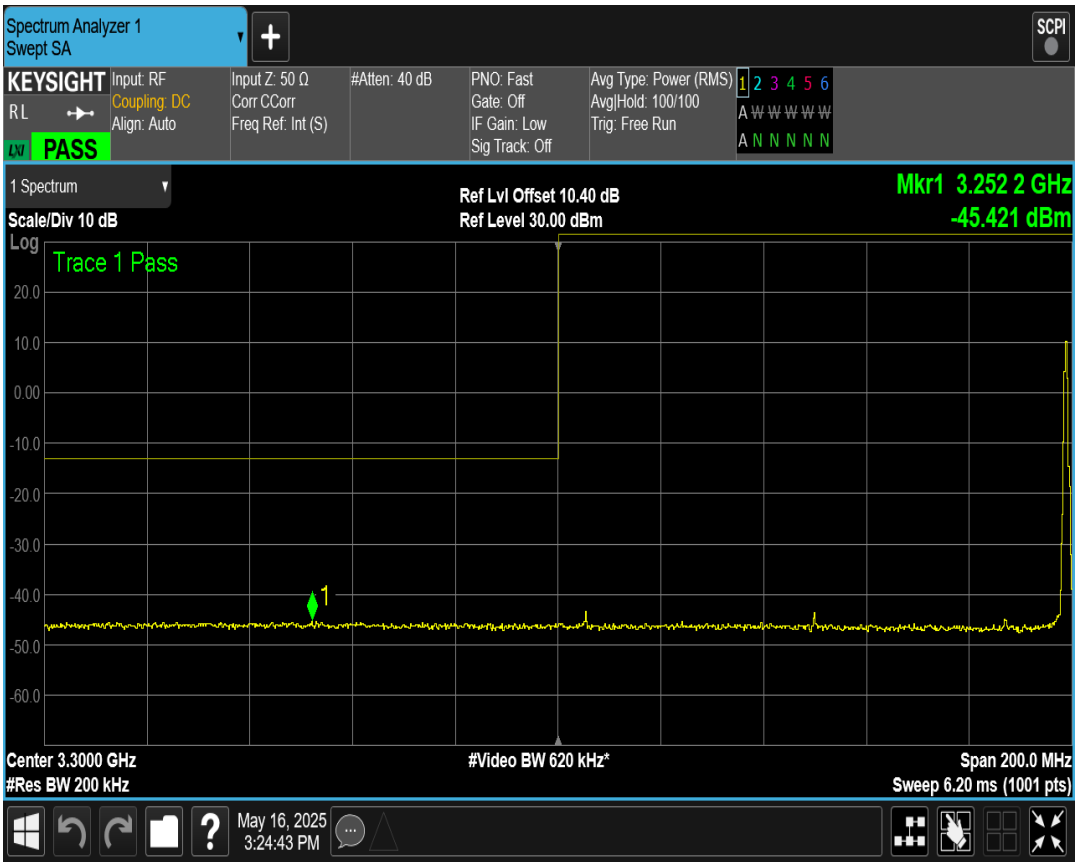
5 Band edge for EN-DC

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	3299.54	-40.03	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	3300.00	-36.79	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	3294.34	-44.43	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	4202.86	-42.36	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	4203.82	-42.25	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	4200.14	-38.57	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	3297.50	-37.72	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	3299.90	-40.52	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	3250.70	-45.34	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	4207.30	-37.30	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	4218.50	-42.64	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	4200.00	-36.69	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	3300.00	-22.73	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	3300.00	-35.13	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	3252.20	-45.42	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	4200.00	-22.38	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	4220.00	-42.76	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	4200.00	-39.74	-13	PASS

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

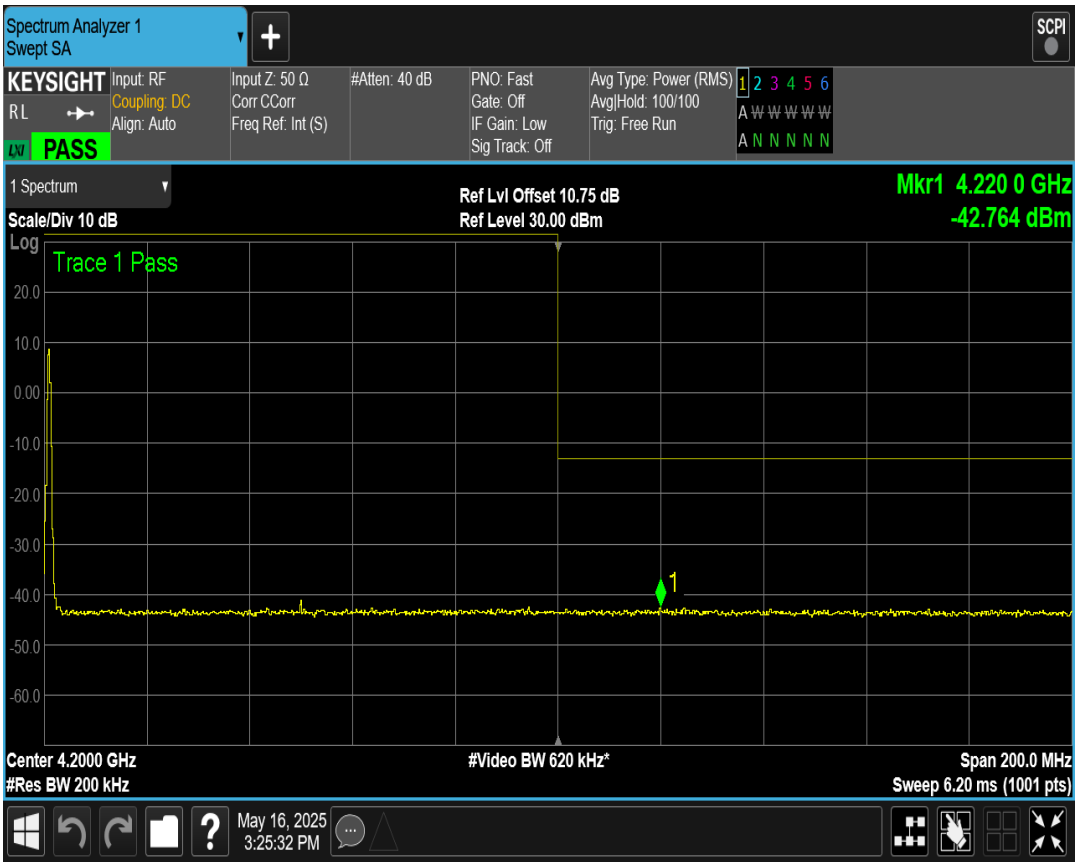


n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272

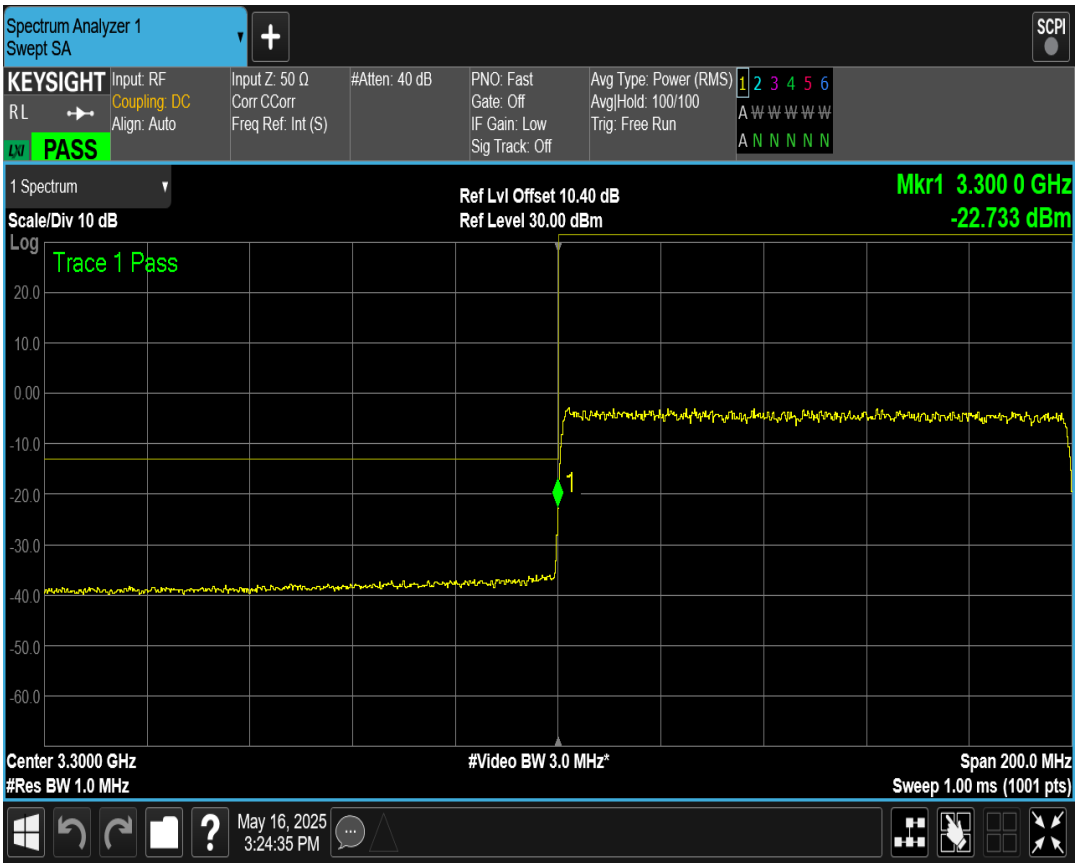


n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272

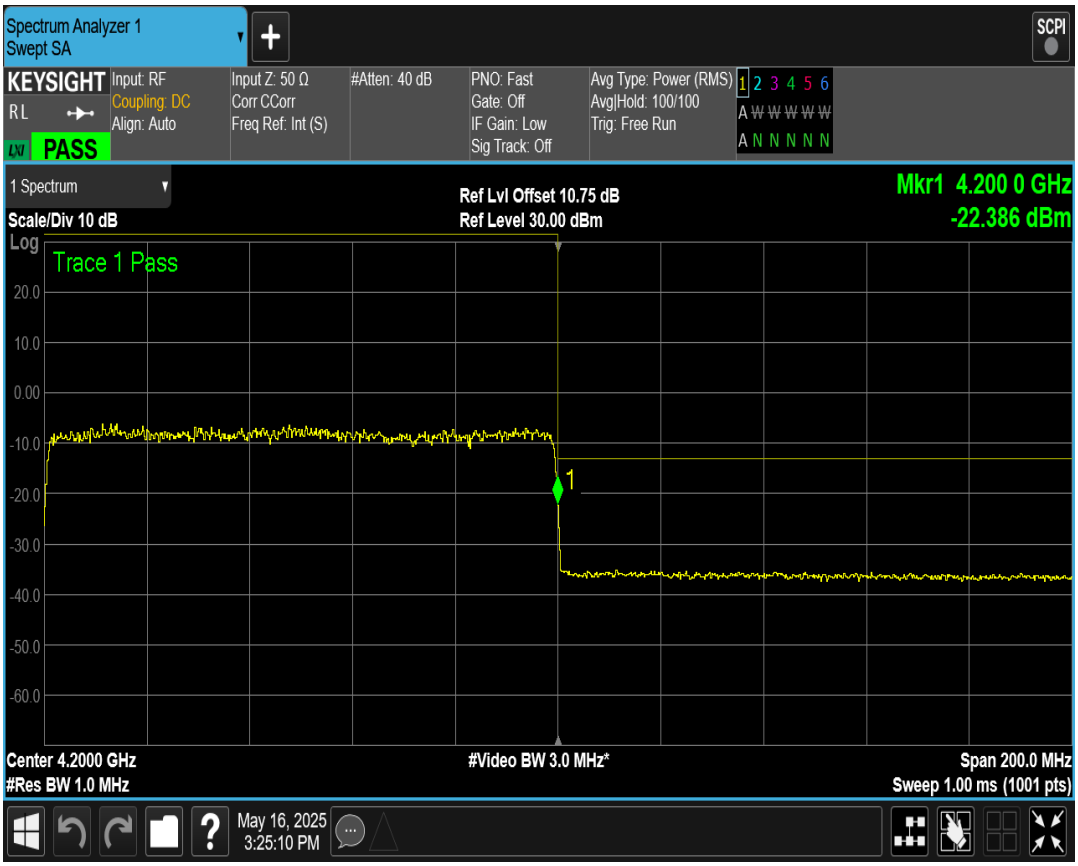
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0



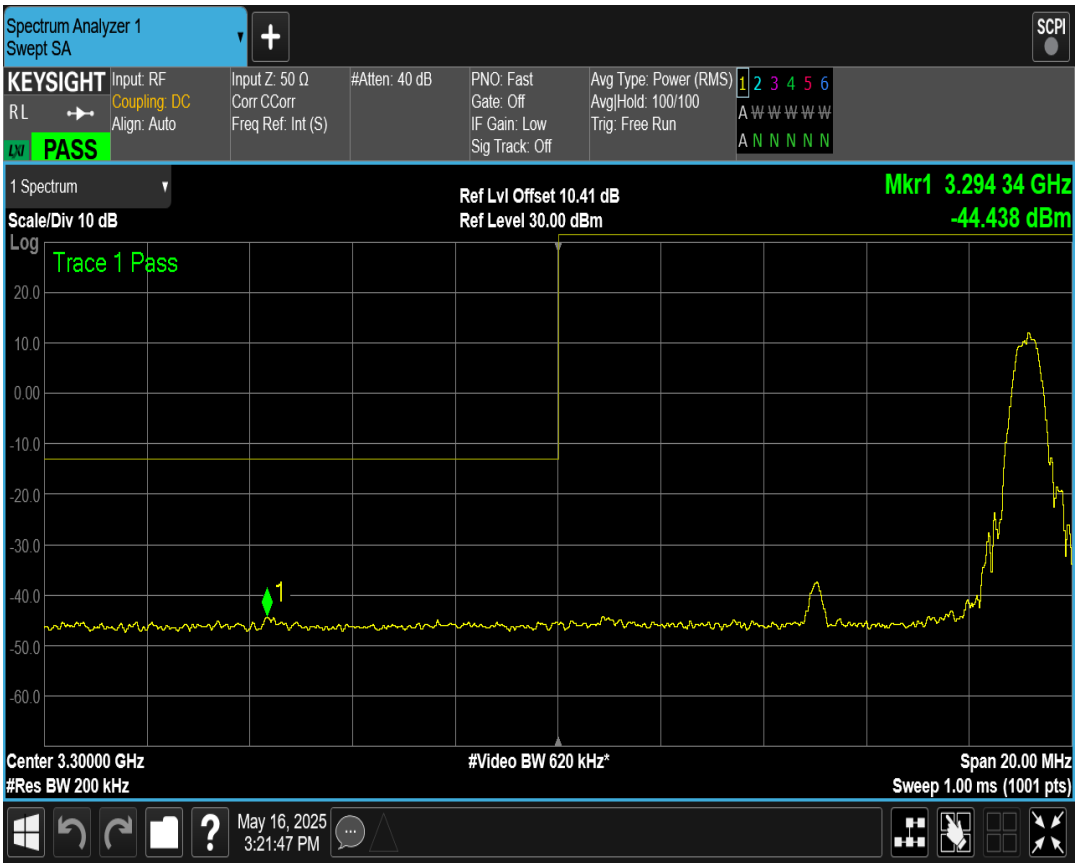
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



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



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



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

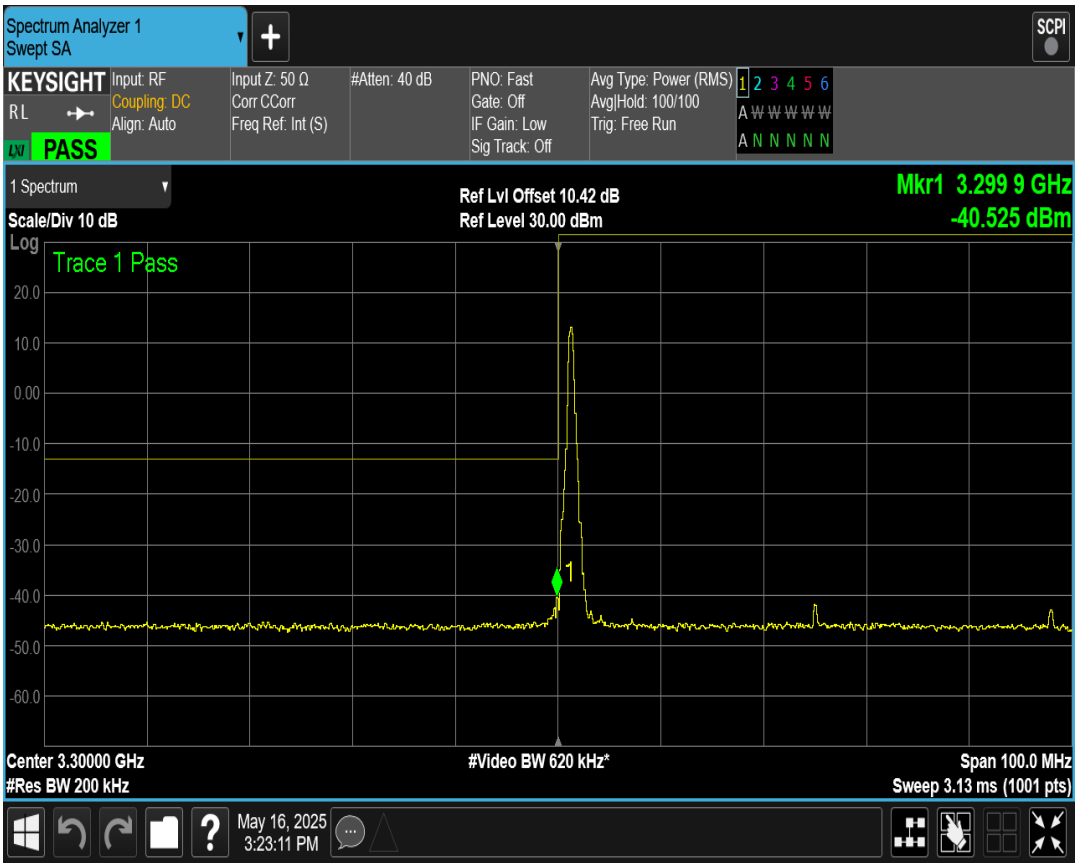
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@0

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

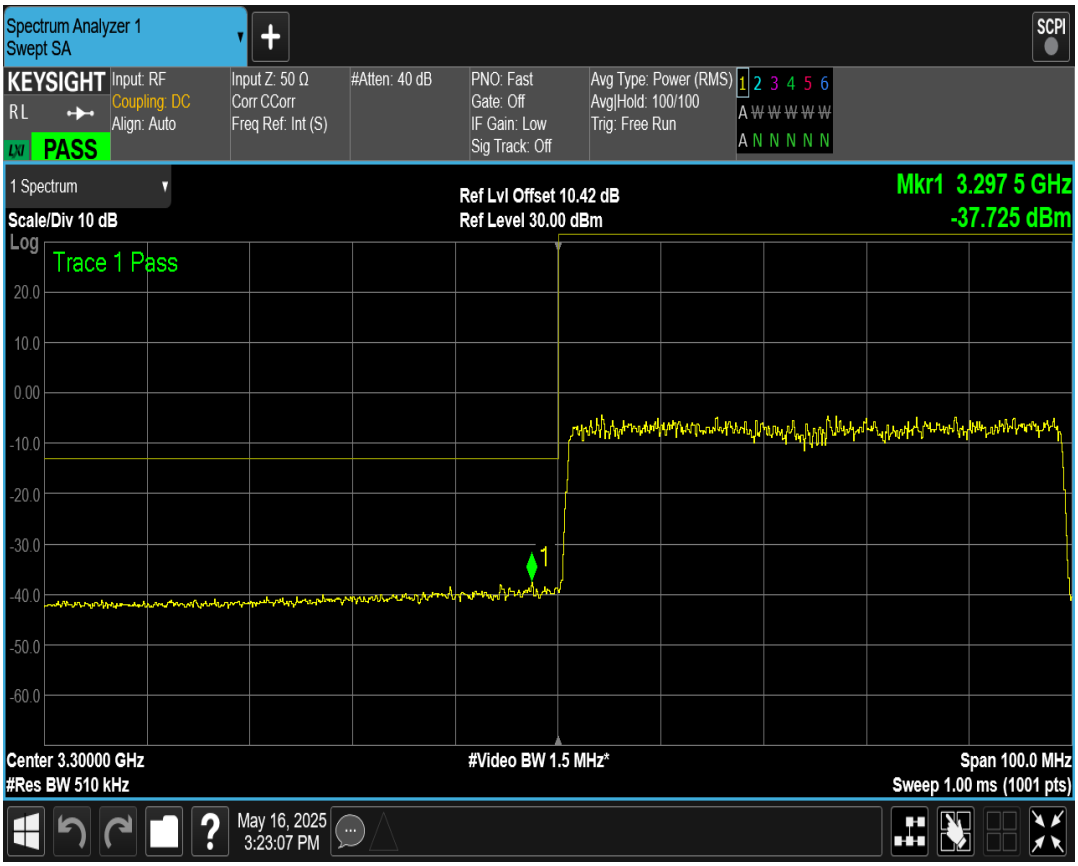
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23

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

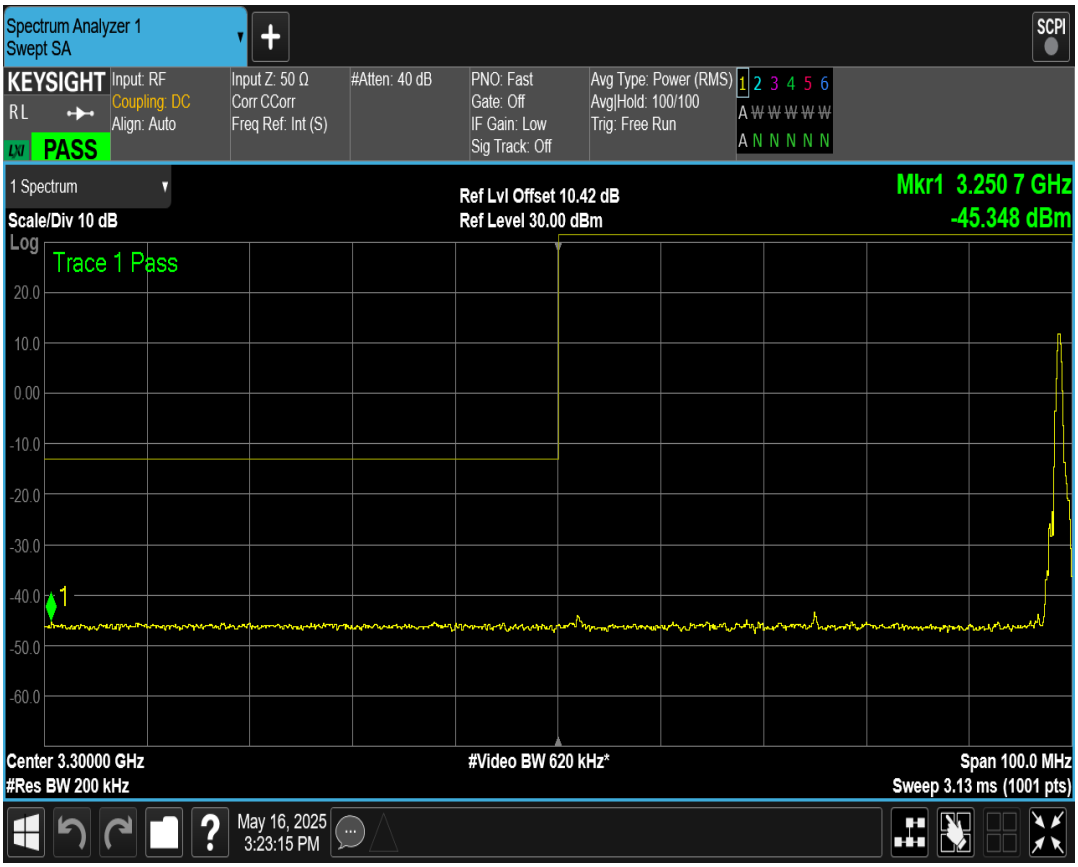
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



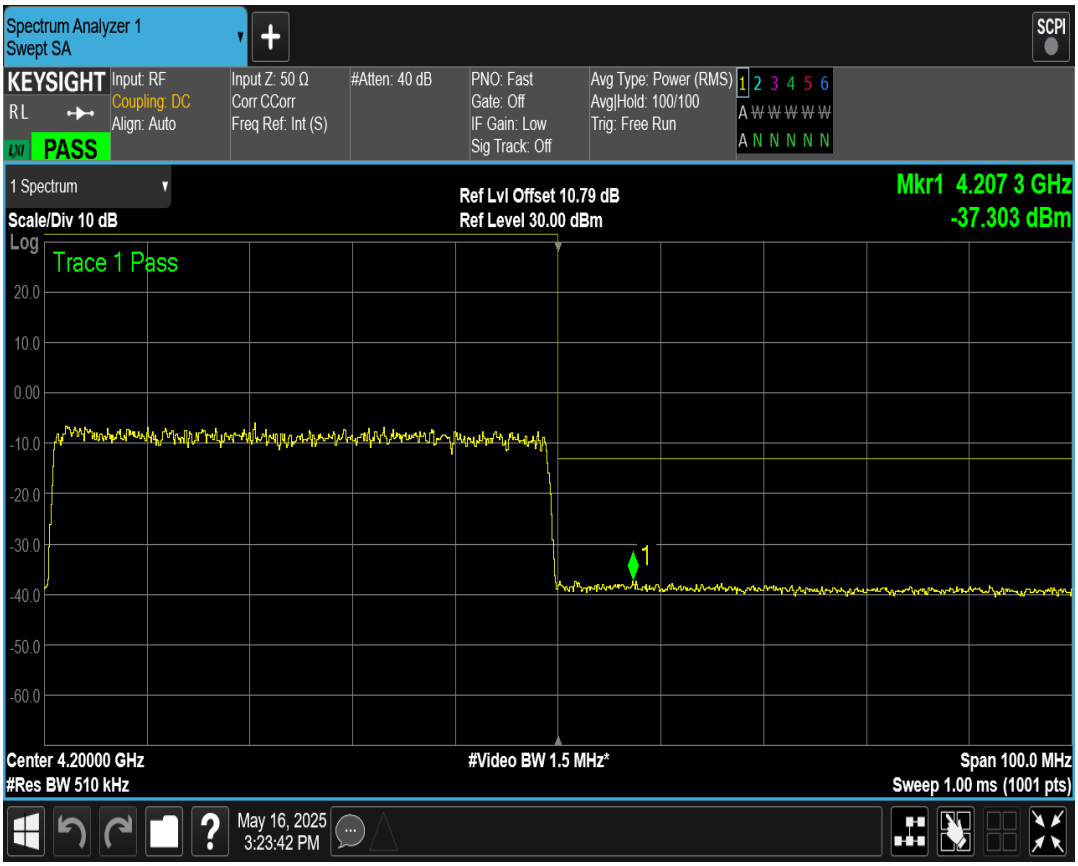
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



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



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



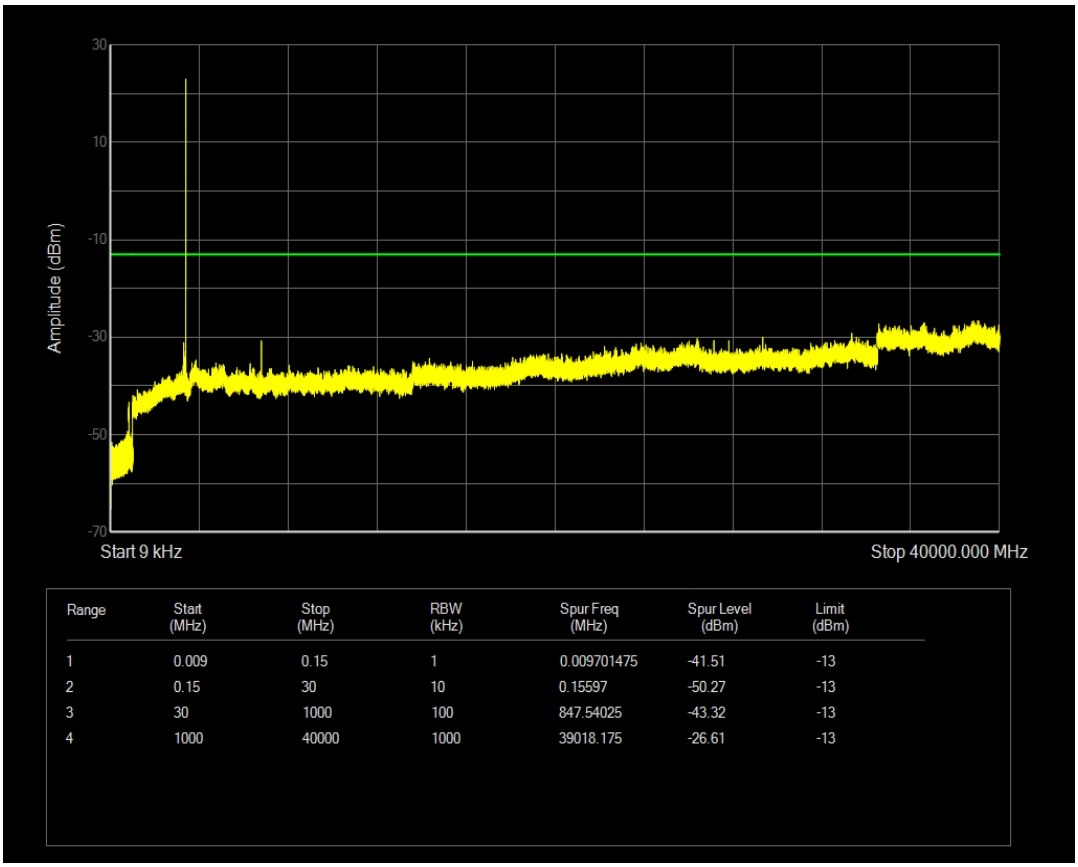
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132

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

6 Out-of-band emissions for EN-DC

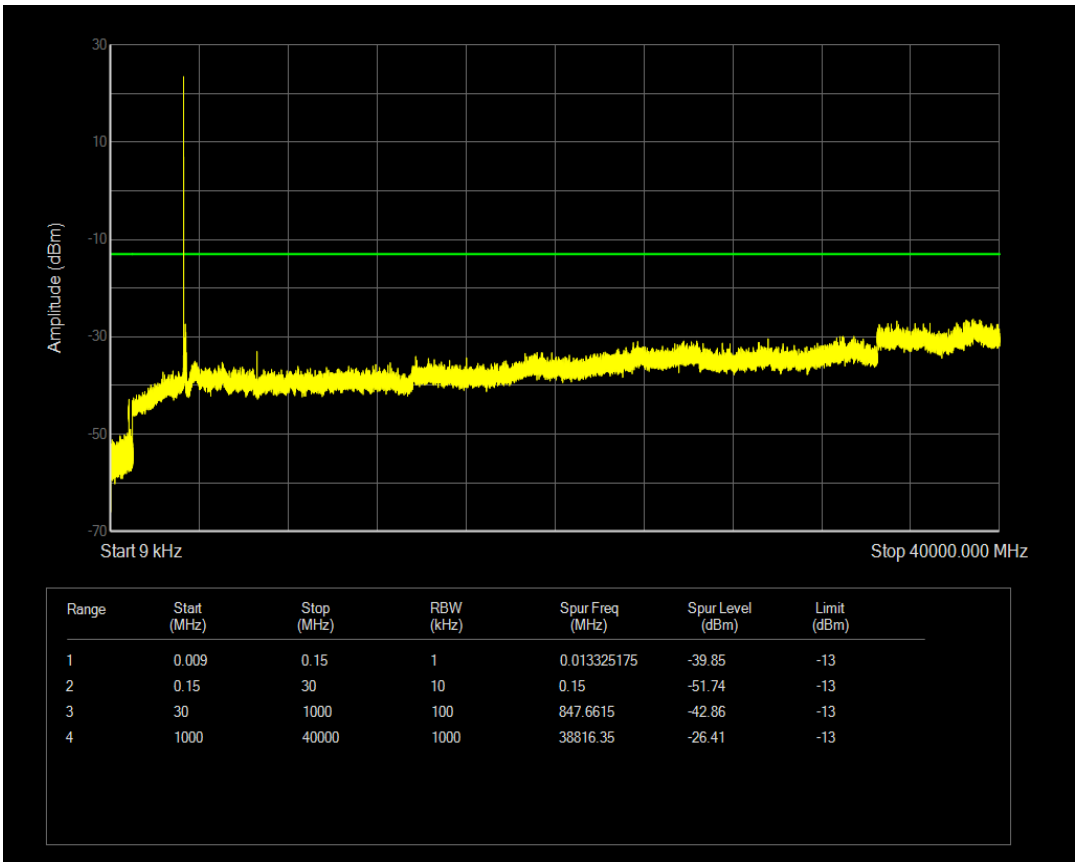
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77	30	10	620334	24@0	CP_QPSK	38849.50	-26.29	-13	PASS
n77	30	10	620334	1@0	CP_QPSK	36533.88	-25.43	-13	PASS
n77	30	10	620334	1@23	CP_QPSK	38865.10	-26.38	-13	PASS
n77	30	10	679666	24@0	CP_QPSK	38850.48	-25.58	-13	PASS
n77	30	10	679666	1@0	CP_QPSK	34808.13	-26.26	-13	PASS
n77	30	10	679666	1@23	CP_QPSK	38466.33	-25.01	-13	PASS
n77	30	50	621668	133@0	CP_QPSK	39000.63	-26.10	-13	PASS
n77	30	50	621668	1@0	CP_QPSK	38924.58	-25.90	-13	PASS
n77	30	50	621668	1@132	CP_QPSK	38922.63	-25.77	-13	PASS
n77	30	50	678332	133@0	CP_QPSK	38409.78	-25.31	-13	PASS
n77	30	50	678332	1@0	CP_QPSK	39014.28	-26.26	-13	PASS
n77	30	50	678332	1@132	CP_QPSK	34729.15	-25.61	-13	PASS
n77	30	100	623334	273@0	CP_QPSK	38938.23	-26.16	-13	PASS
n77	30	100	623334	1@0	CP_QPSK	38816.35	-26.41	-13	PASS
n77	30	100	623334	1@272	CP_QPSK	39018.18	-26.61	-13	PASS
n77	30	100	676666	273@0	CP_QPSK	38674.00	-25.63	-13	PASS
n77	30	100	676666	1@0	CP_QPSK	38836.83	-25.23	-13	PASS
n77	30	100	676666	1@272	CP_QPSK	39466.68	-25.44	-13	PASS

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



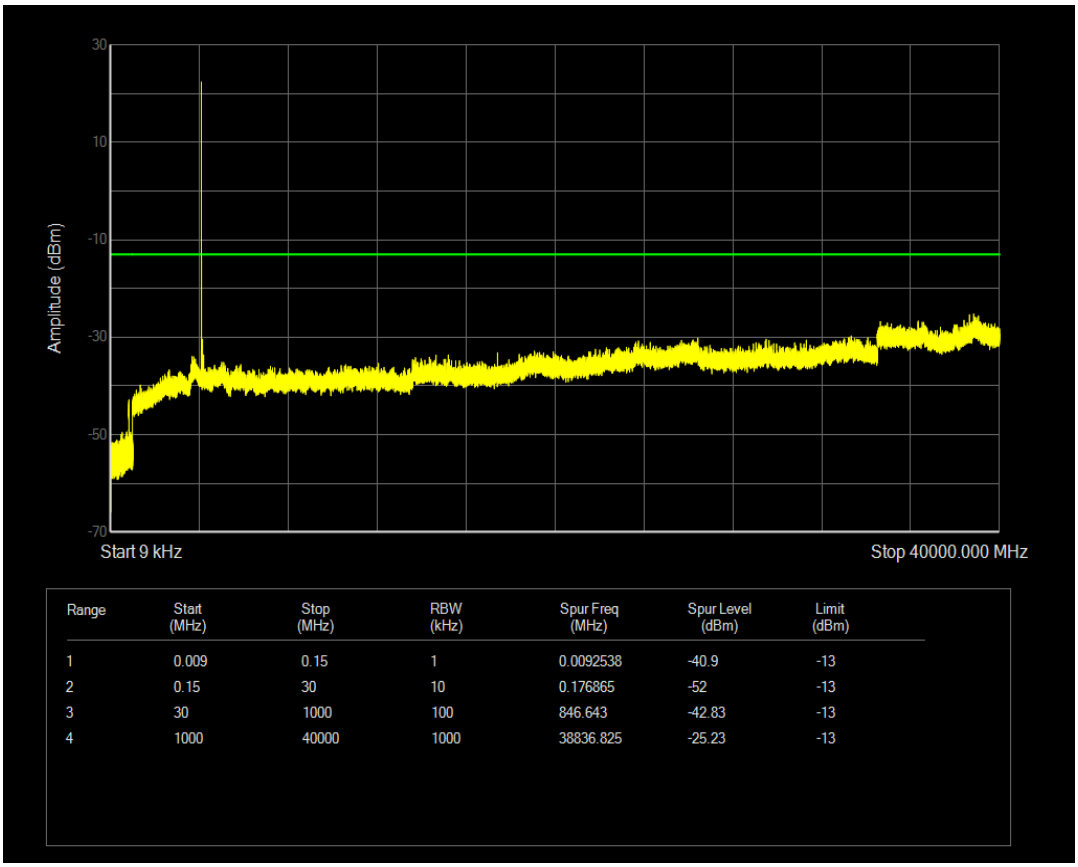
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009701475	-41.51	-13
2	0.15	30	10	0.15597	-50.27	-13
3	30	1000	100	847.54025	-43.32	-13
4	1000	40000	1000	39018.175	-26.61	-13

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



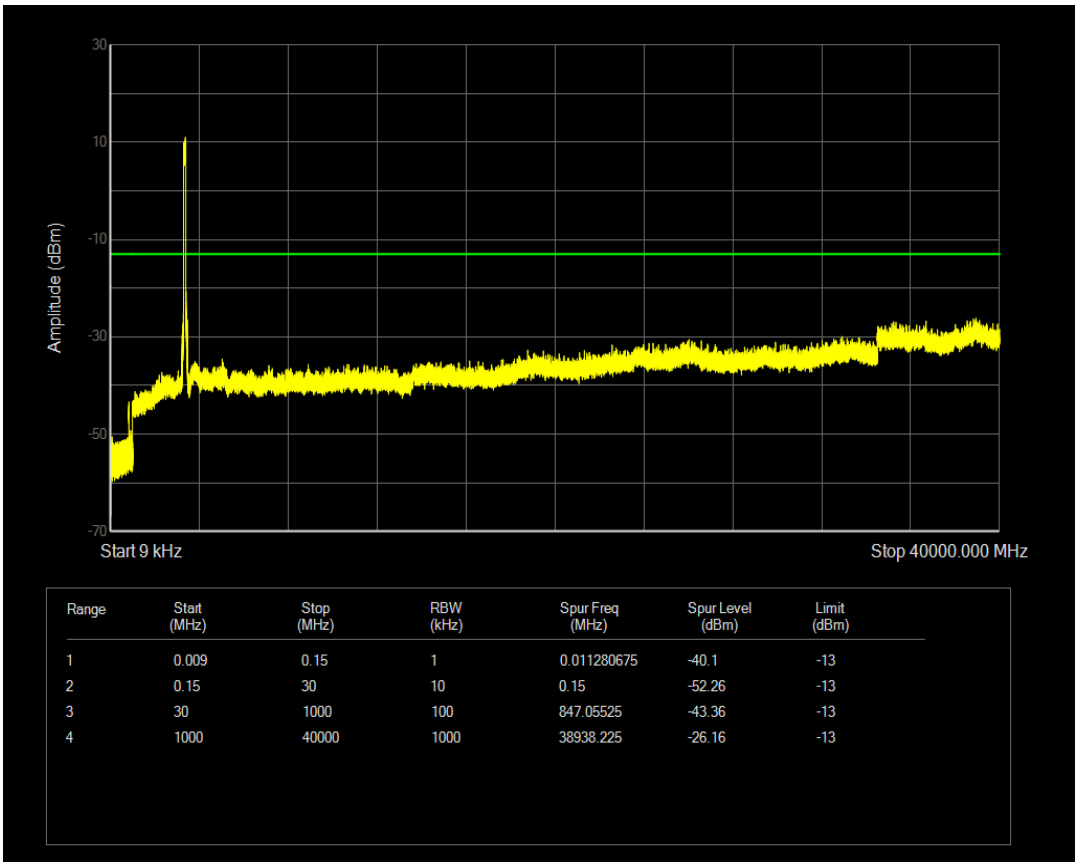
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013325175	-39.85	-13
2	0.15	30	10	0.15	-51.74	-13
3	30	1000	100	847.6615	-42.86	-13
4	1000	40000	1000	38816.35	-26.41	-13

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



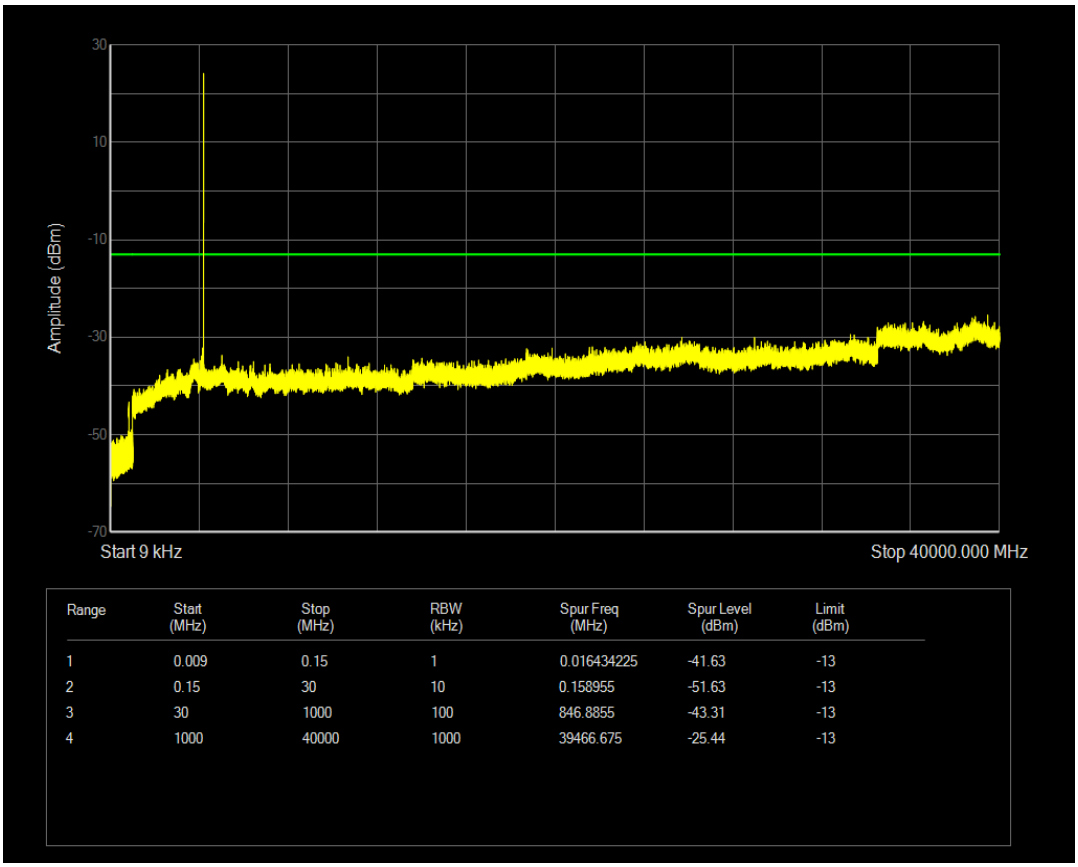
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092538	-40.9	-13
2	0.15	30	10	0.176865	-52	-13
3	30	1000	100	846.643	-42.83	-13
4	1000	40000	1000	38836.825	-25.23	-13

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



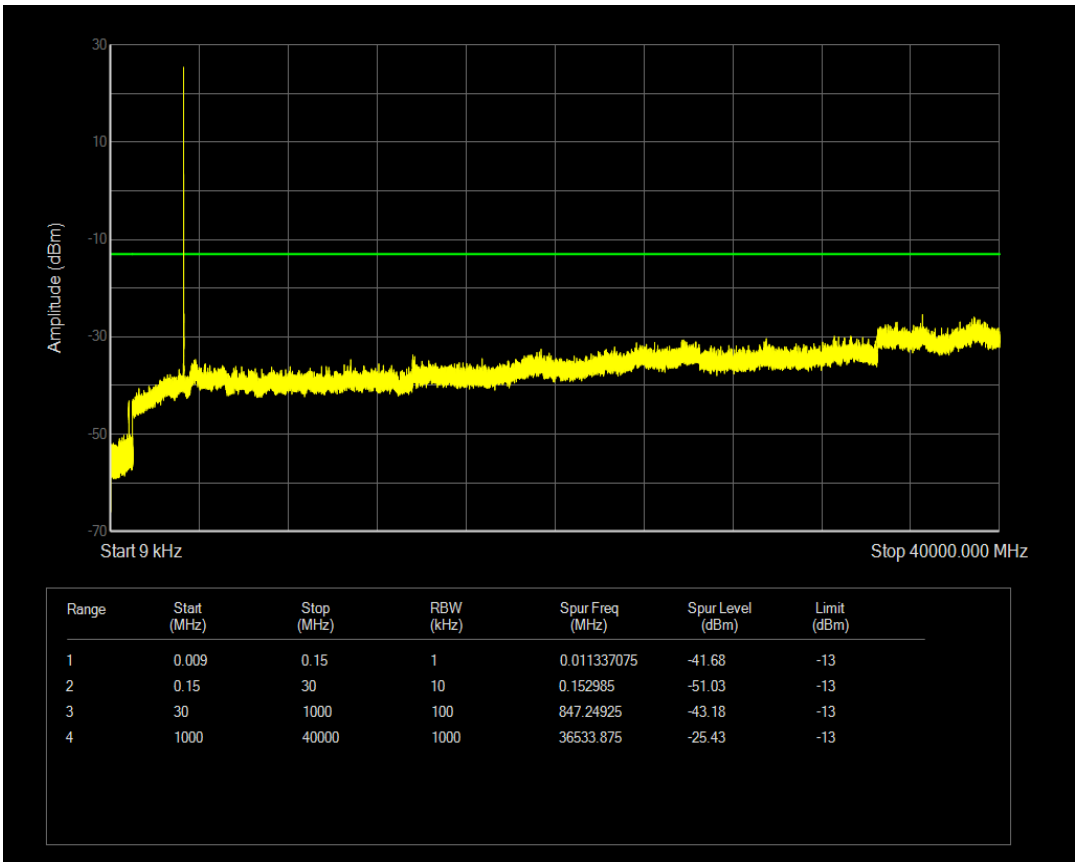
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011280675	-40.1	-13
2	0.15	30	10	0.15	-52.26	-13
3	30	1000	100	847.05525	-43.36	-13
4	1000	40000	1000	38938.225	-26.16	-13

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



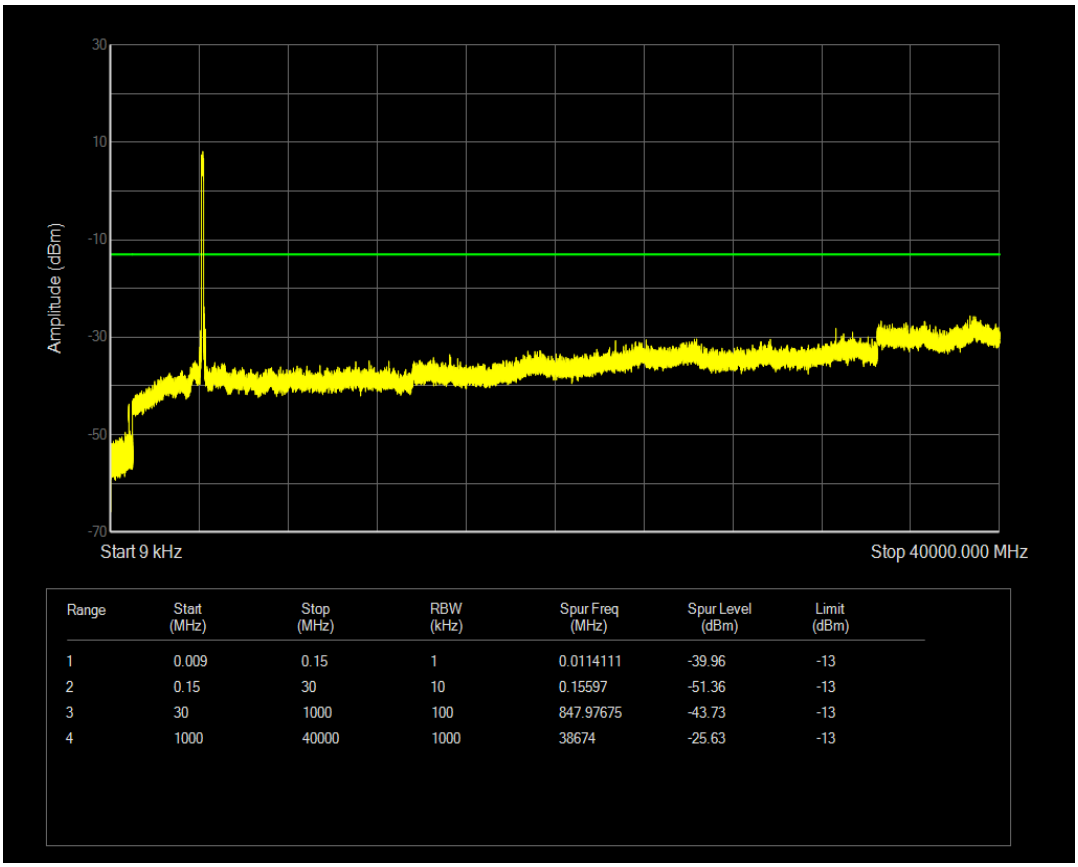
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.016434225	-41.63	-13
2	0.15	30	10	0.158955	-51.63	-13
3	30	1000	100	846.8855	-43.31	-13
4	1000	40000	1000	39466.675	-25.44	-13

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



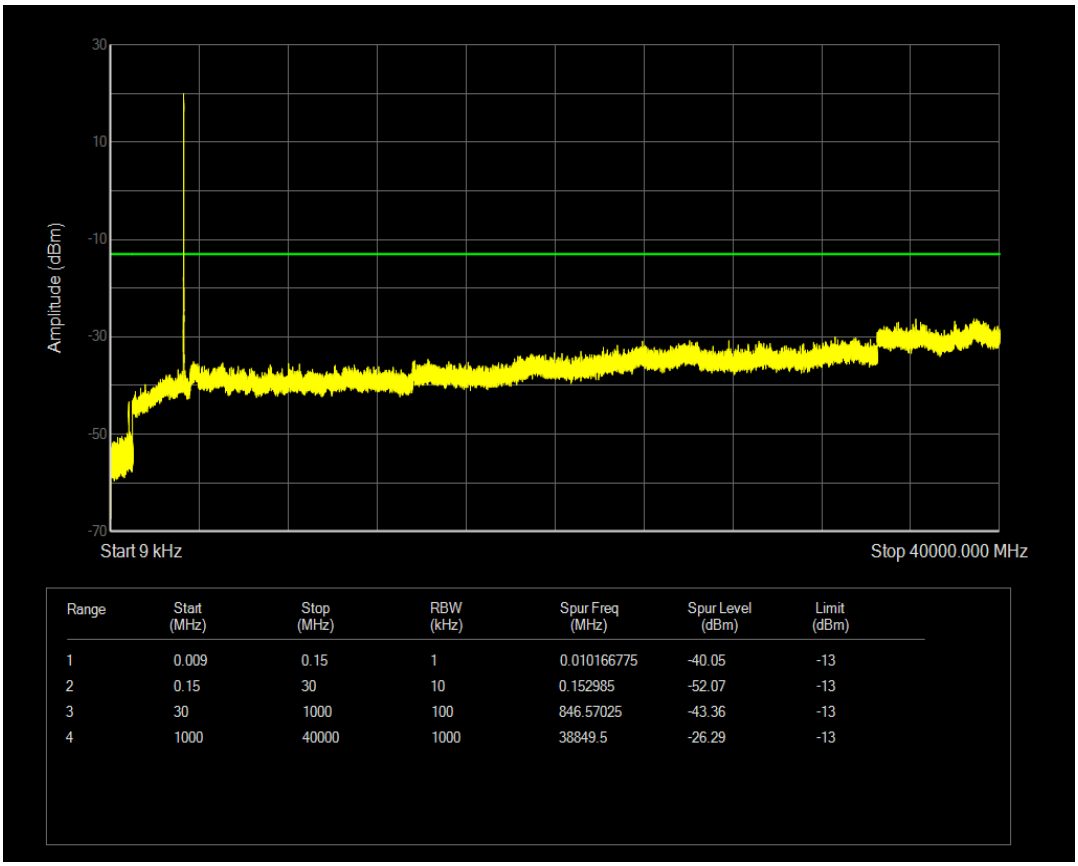
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011337075	-41.68	-13
2	0.15	30	10	0.152985	-51.03	-13
3	30	1000	100	847.24925	-43.18	-13
4	1000	40000	1000	36533.875	-25.43	-13

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



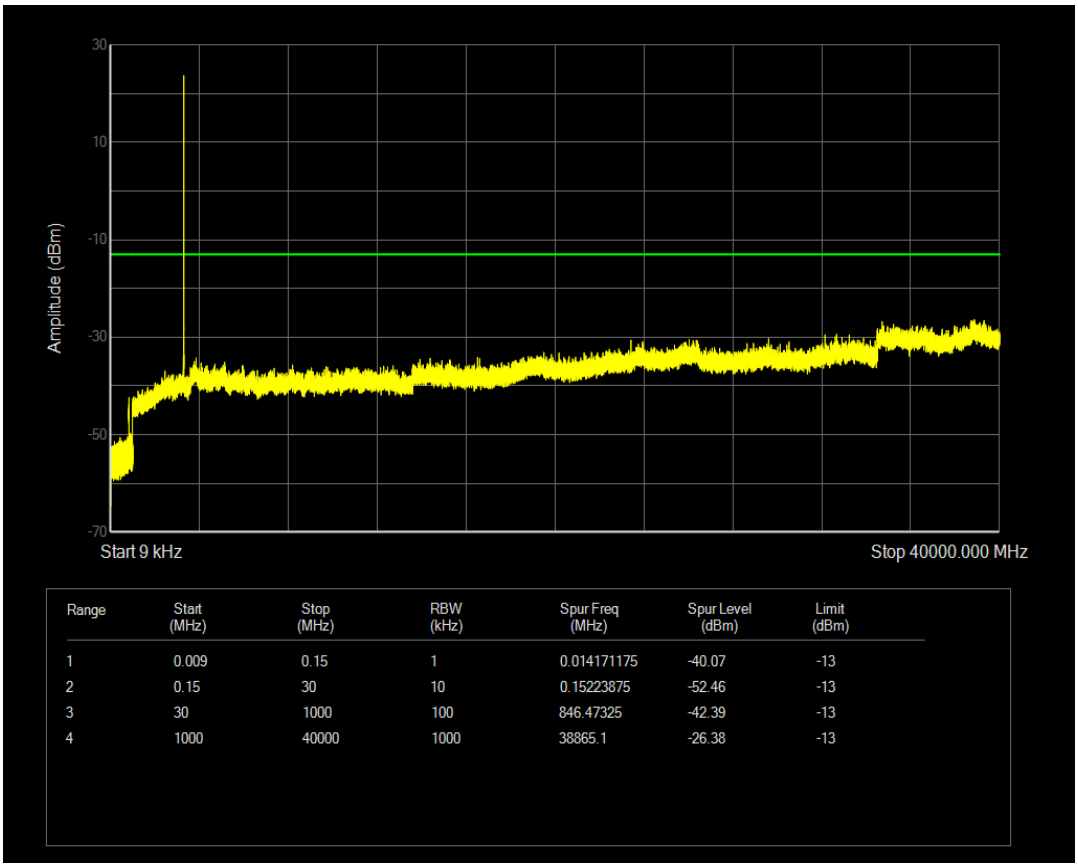
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114111	-39.96	-13
2	0.15	30	10	0.15597	-51.36	-13
3	30	1000	100	847.97675	-43.73	-13
4	1000	40000	1000	38674	-25.63	-13

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



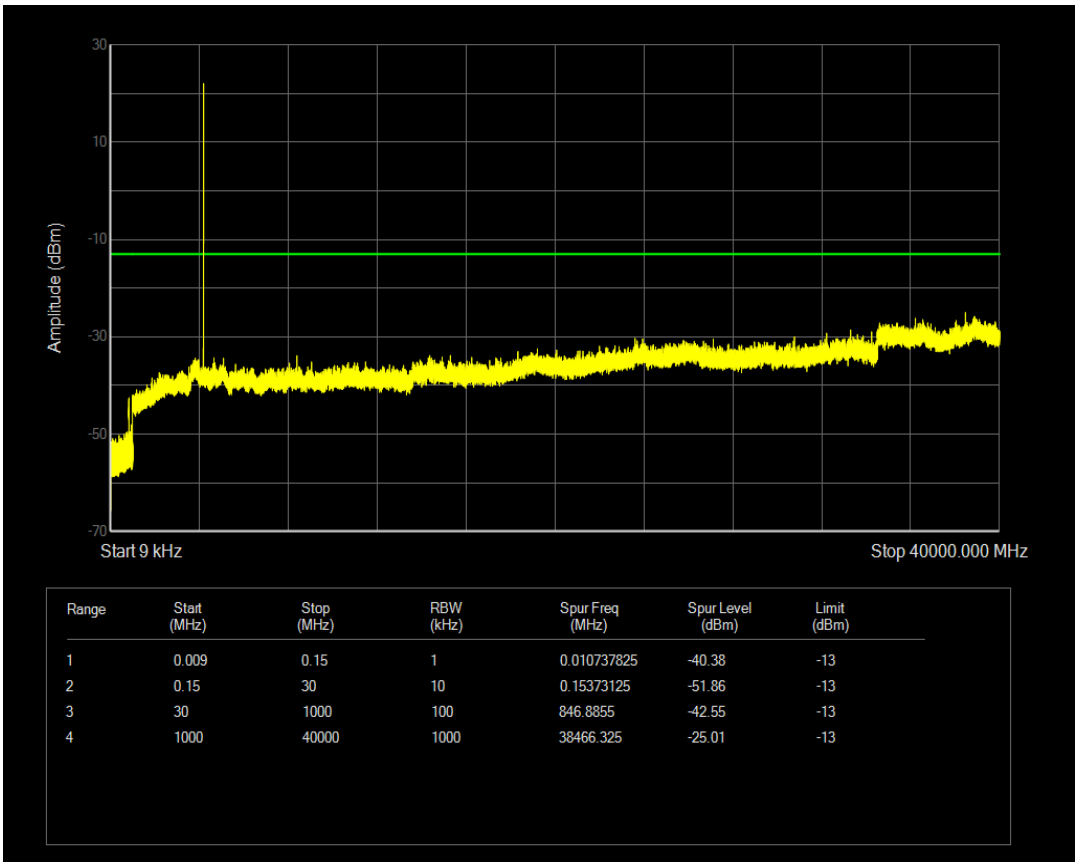
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010166775	-40.05	-13
2	0.15	30	10	0.152985	-52.07	-13
3	30	1000	100	846.57025	-43.36	-13
4	1000	40000	1000	38849.5	-26.29	-13

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



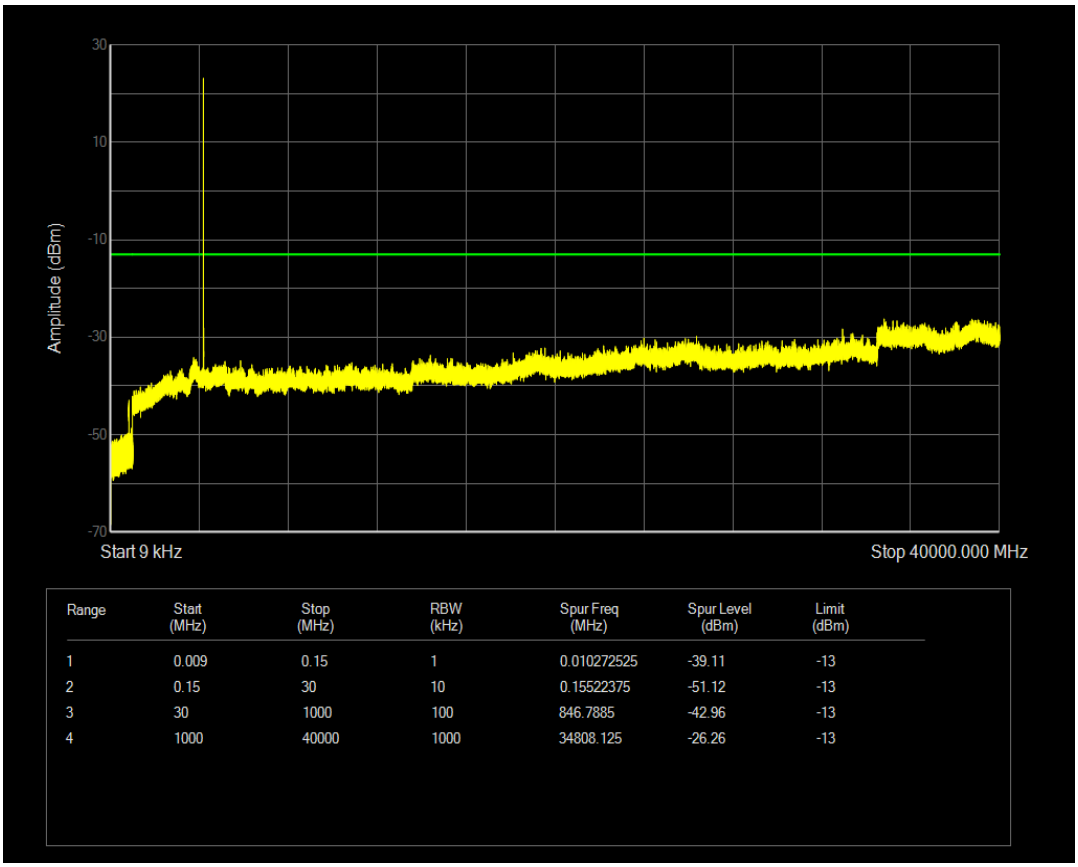
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014171175	-40.07	-13
2	0.15	30	10	0.15223875	-52.46	-13
3	30	1000	100	846.47325	-42.39	-13
4	1000	40000	1000	38865.1	-26.38	-13

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



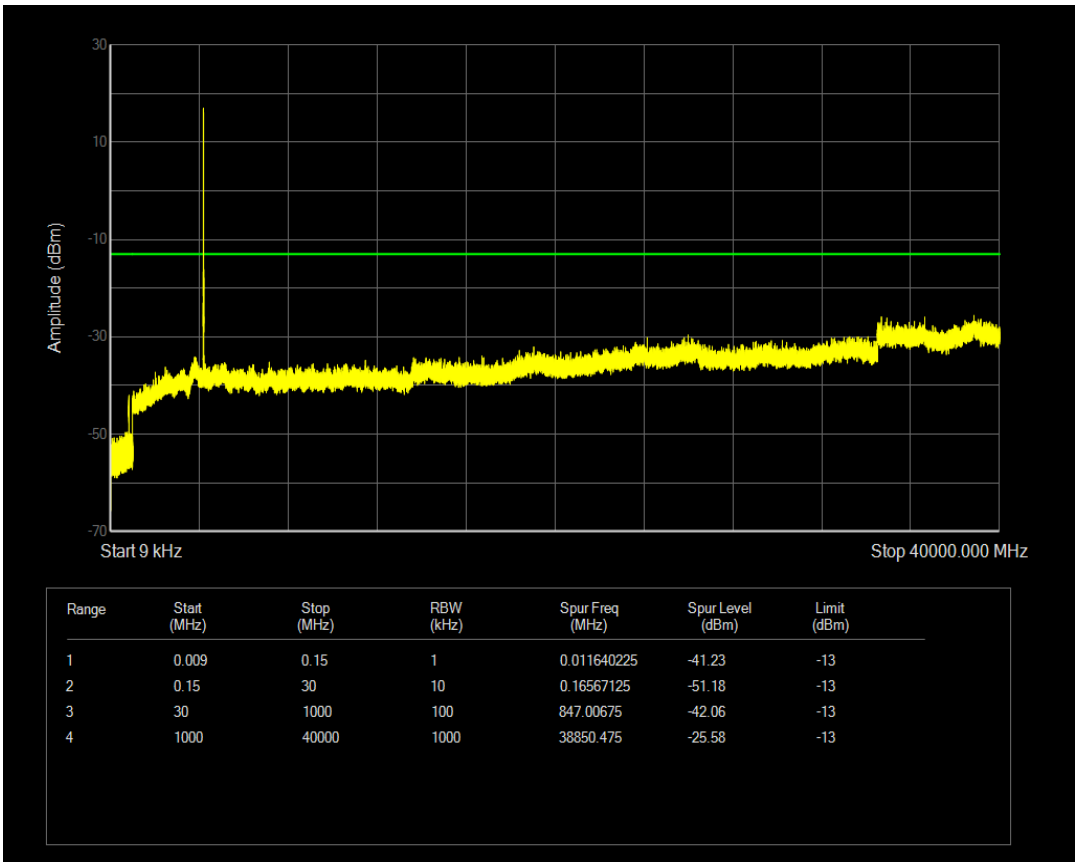
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010737825	-40.38	-13
2	0.15	30	10	0.15373125	-51.86	-13
3	30	1000	100	846.8855	-42.55	-13
4	1000	40000	1000	38466.325	-25.01	-13

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



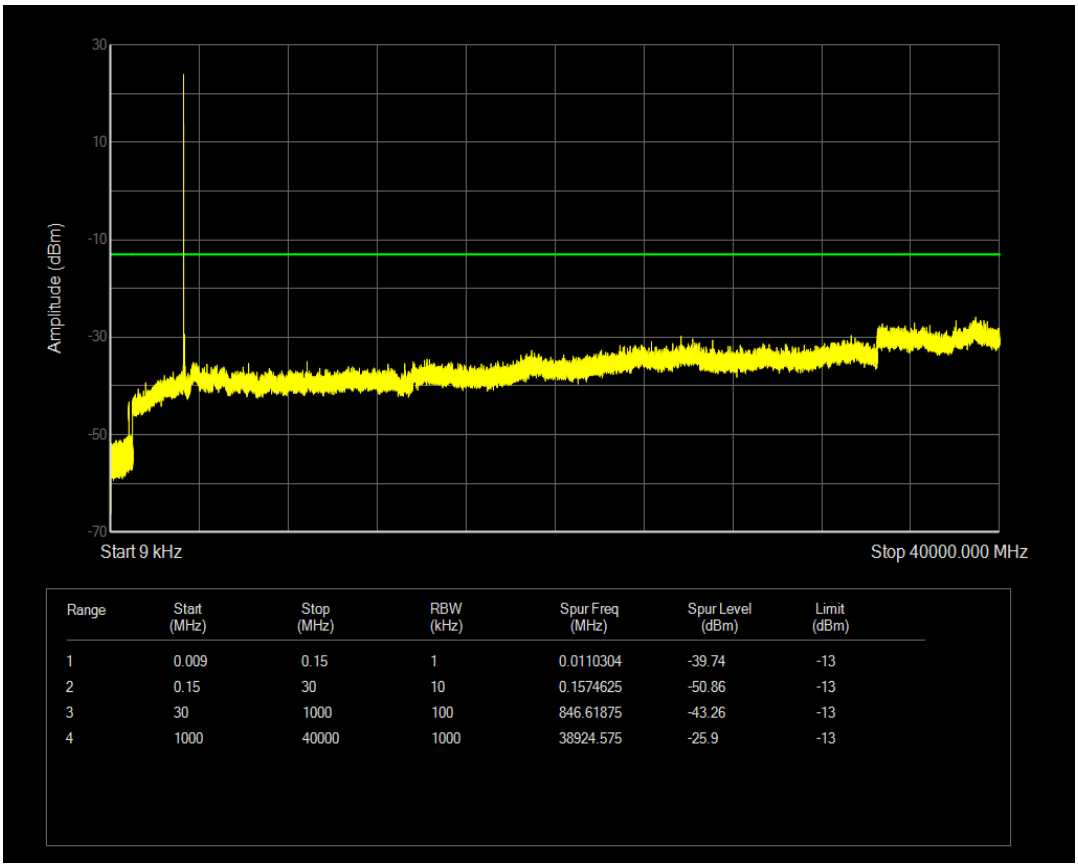
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010272525	-39.11	-13
2	0.15	30	10	0.15522375	-51.12	-13
3	30	1000	100	846.7885	-42.96	-13
4	1000	40000	1000	34808.125	-26.26	-13

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



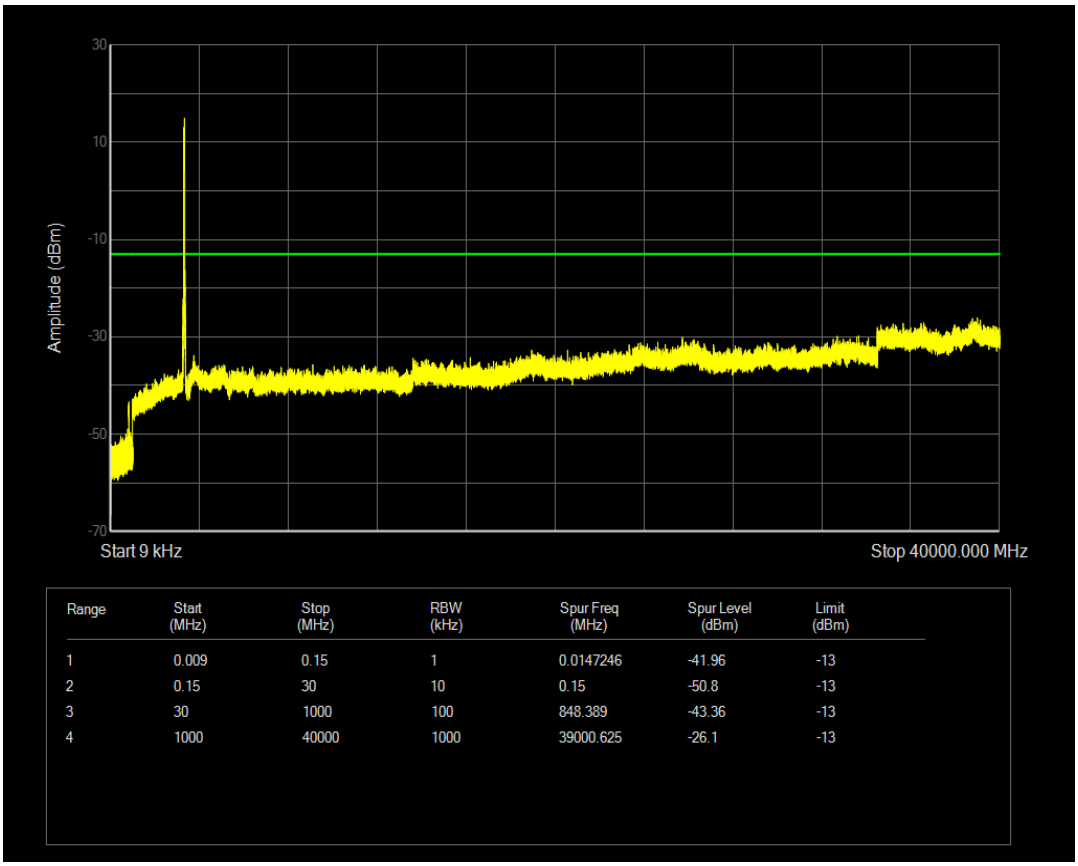
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011640225	-41.23	-13
2	0.15	30	10	0.16567125	-51.18	-13
3	30	1000	100	847.00675	-42.06	-13
4	1000	40000	1000	38850.475	-25.58	-13

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



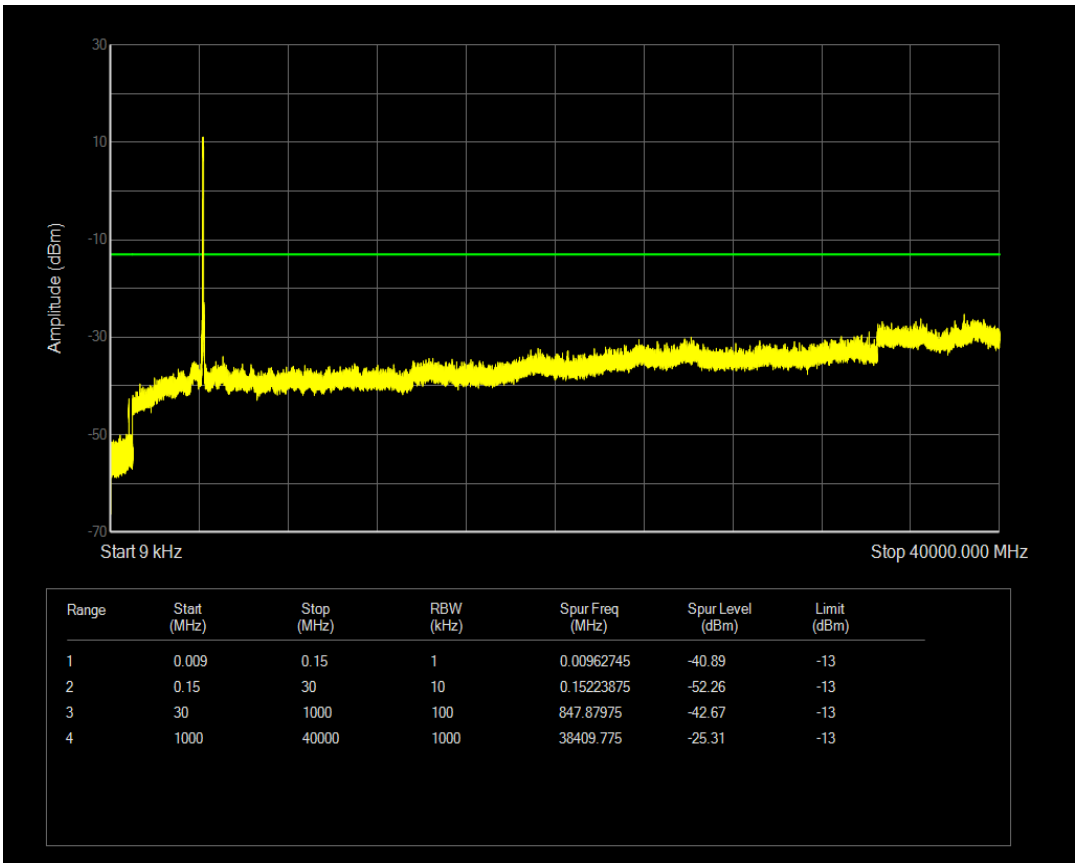
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0110304	-39.74	-13
2	0.15	30	10	0.1574625	-50.86	-13
3	30	1000	100	846.61875	-43.26	-13
4	1000	40000	1000	38924.575	-25.9	-13

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



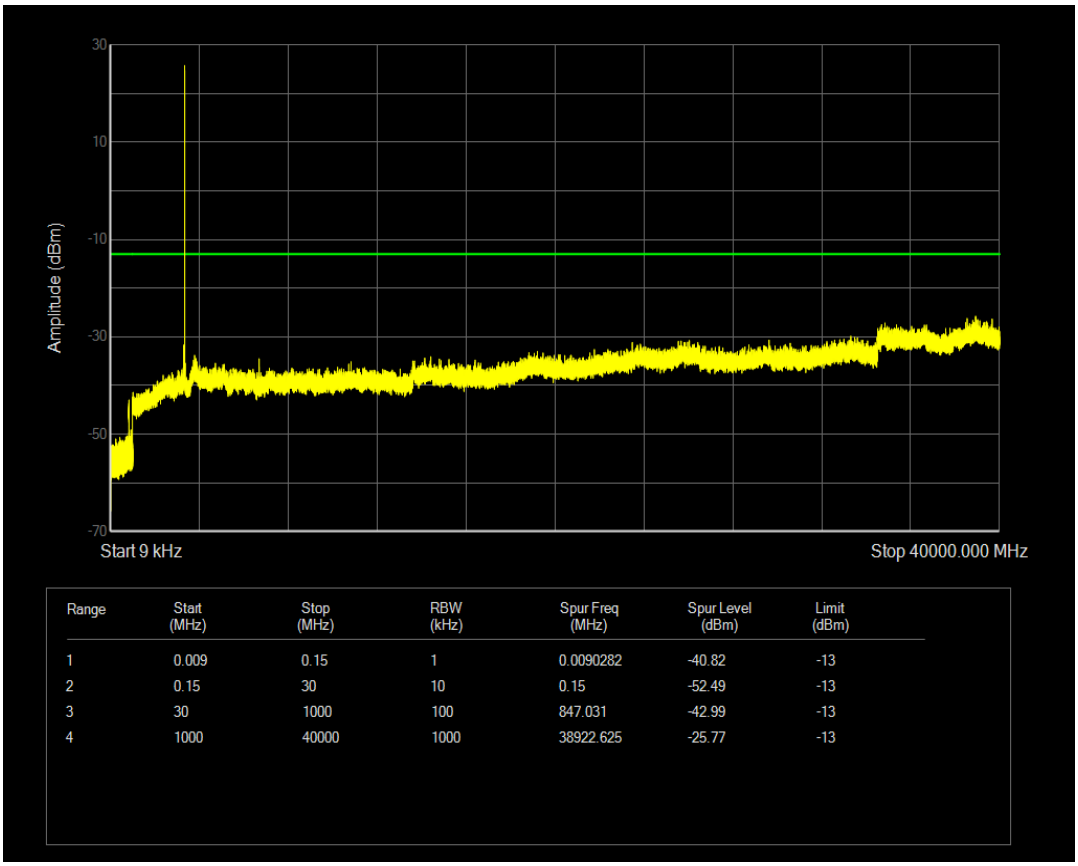
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0147246	-41.96	-13
2	0.15	30	10	0.15	-50.8	-13
3	30	1000	100	848.389	-43.36	-13
4	1000	40000	1000	39000.625	-26.1	-13

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



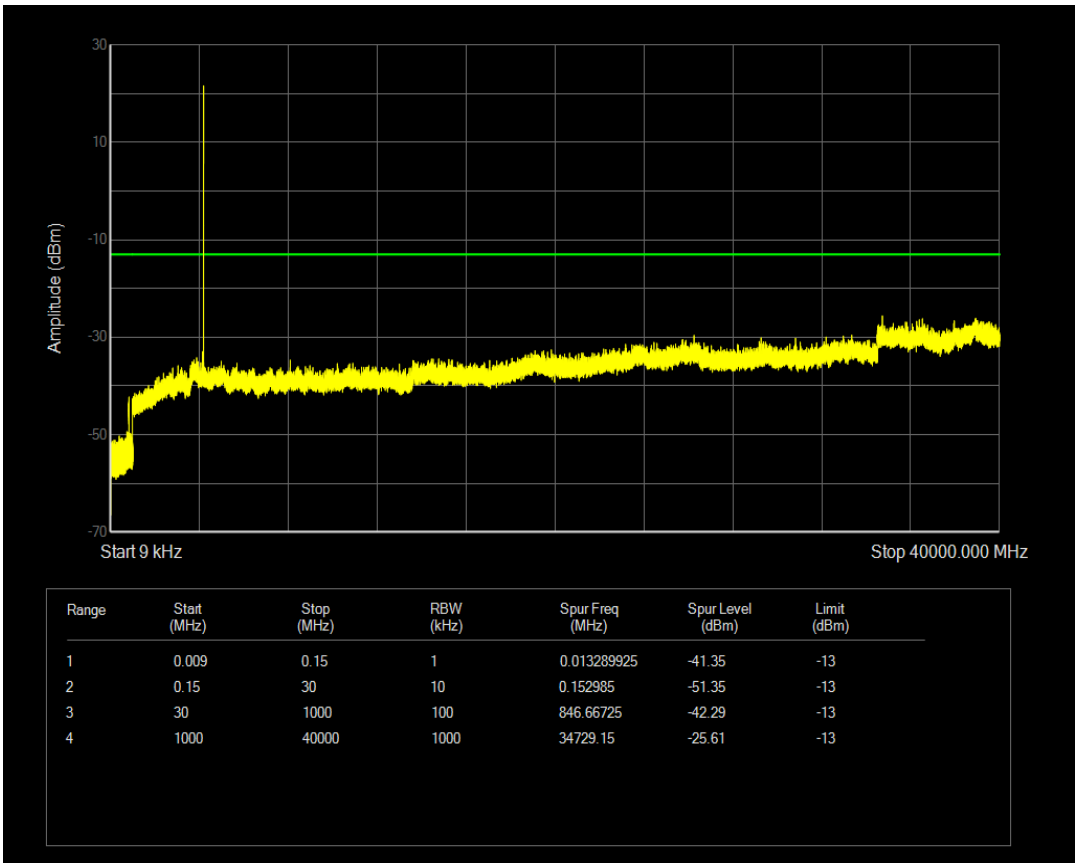
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00962745	-40.89	-13
2	0.15	30	10	0.15223875	-52.26	-13
3	30	1000	100	847.87975	-42.67	-13
4	1000	40000	1000	38409.775	-25.31	-13

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



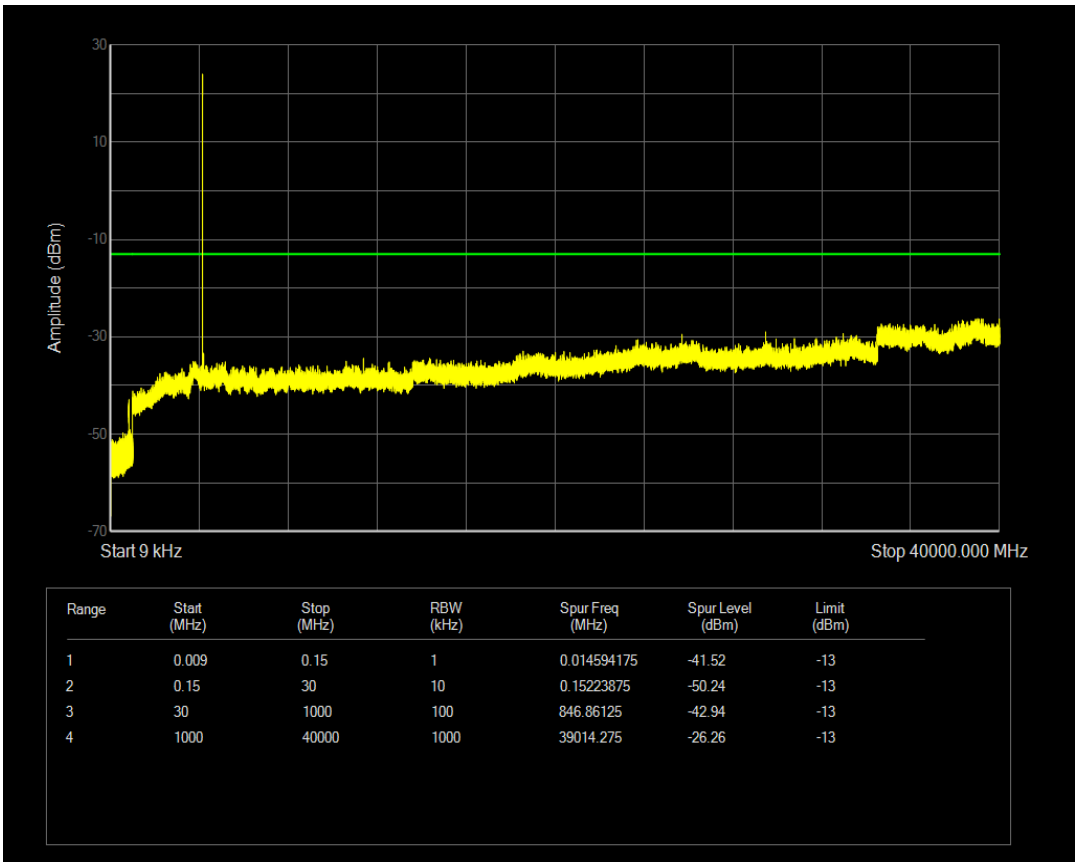
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090282	-40.82	-13
2	0.15	30	10	0.15	-52.49	-13
3	30	1000	100	847.031	-42.99	-13
4	1000	40000	1000	38922.625	-25.77	-13

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	0.013289925	-41.35	-13
2	0.15	30	10	0.152985	-51.35	-13
3	30	1000	100	846.66725	-42.29	-13
4	1000	40000	1000	34729.15	-25.61	-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	0.014594175	-41.52	-13
2	0.15	30	10	0.15223875	-50.24	-13
3	30	1000	100	846.86125	-42.94	-13
4	1000	40000	1000	39014.275	-26.26	-13