



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



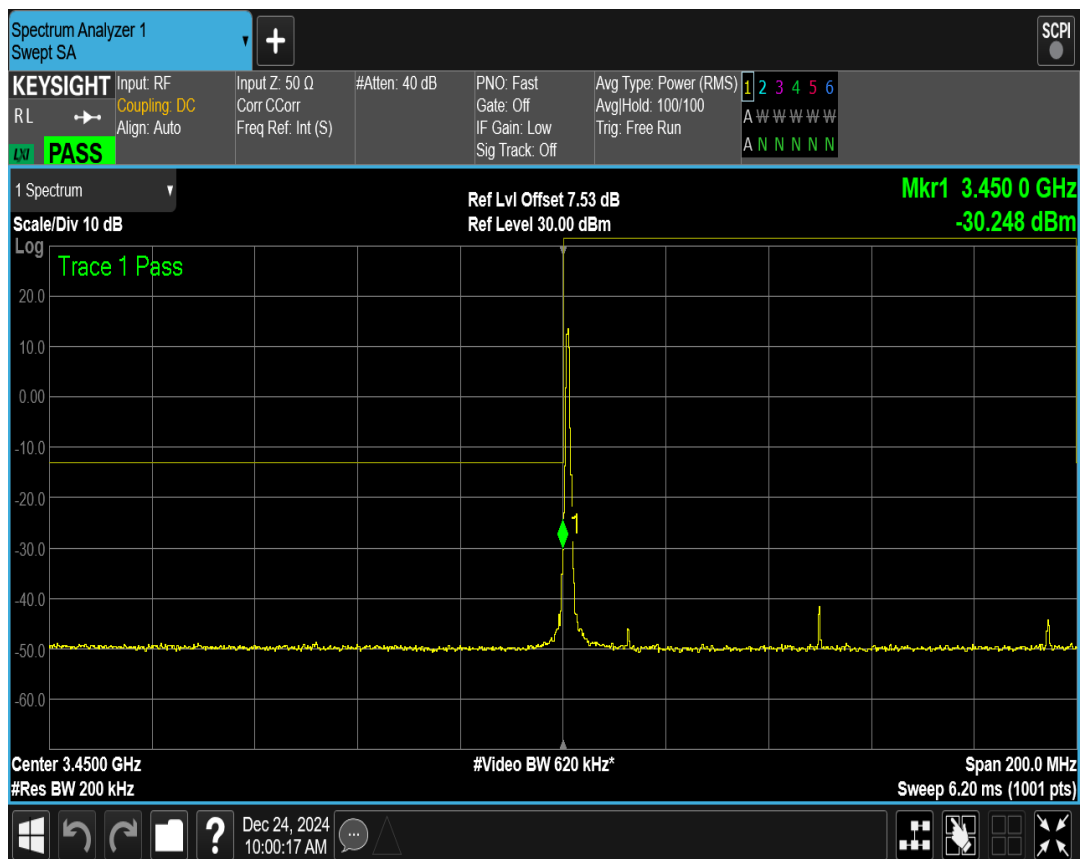
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



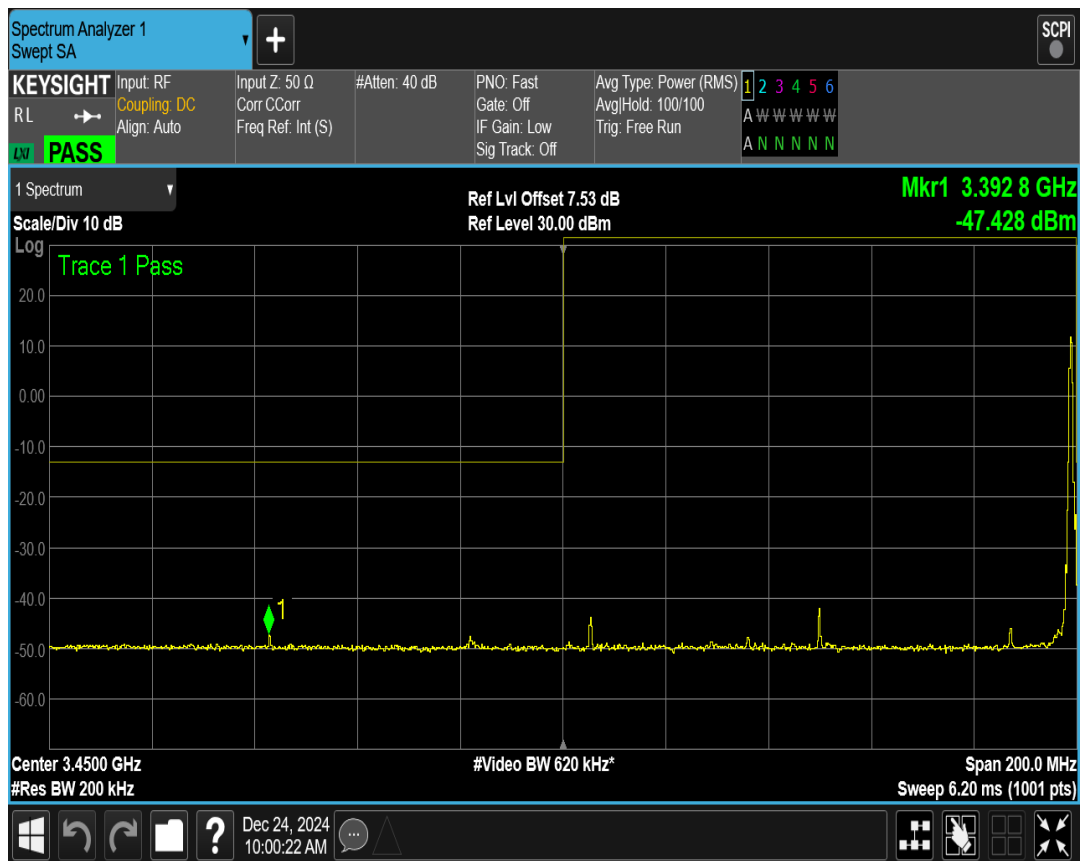
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	3449.76	-36.29	-13	PASS
n77(3450-3550)	30	10	630334	1@0	CP_QPSK	3450.00	-37.62	-13	PASS
n77(3450-3550)	30	10	630334	1@23	CP_QPSK	3444.44	-45.84	-13	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	3550.04	-40.26	-13	PASS
n77(3450-3550)	30	10	636332	1@0	CP_QPSK	3555.60	-48.03	-13	PASS
n77(3450-3550)	30	10	636332	1@23	CP_QPSK	3550.08	-41.20	-13	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	3449.90	-36.44	-13	PASS
n77(3450-3550)	30	50	631668	1@0	CP_QPSK	3449.70	-44.45	-13	PASS
n77(3450-3550)	30	50	631668	1@132	CP_QPSK	3440.20	-48.47	-13	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	3551.50	-40.41	-13	PASS
n77(3450-3550)	30	50	635000	1@0	CP_QPSK	3559.70	-48.28	-13	PASS
n77(3450-3550)	30	50	635000	1@132	CP_QPSK	3550.00	-37.19	-13	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	3450.00	-21.87	-13	PASS
n77(3450-3550)	30	100	633334	1@0	CP_QPSK	3450.00	-30.24	-13	PASS
n77(3450-3550)	30	100	633334	1@272	CP_QPSK	3392.80	-47.42	-13	PASS

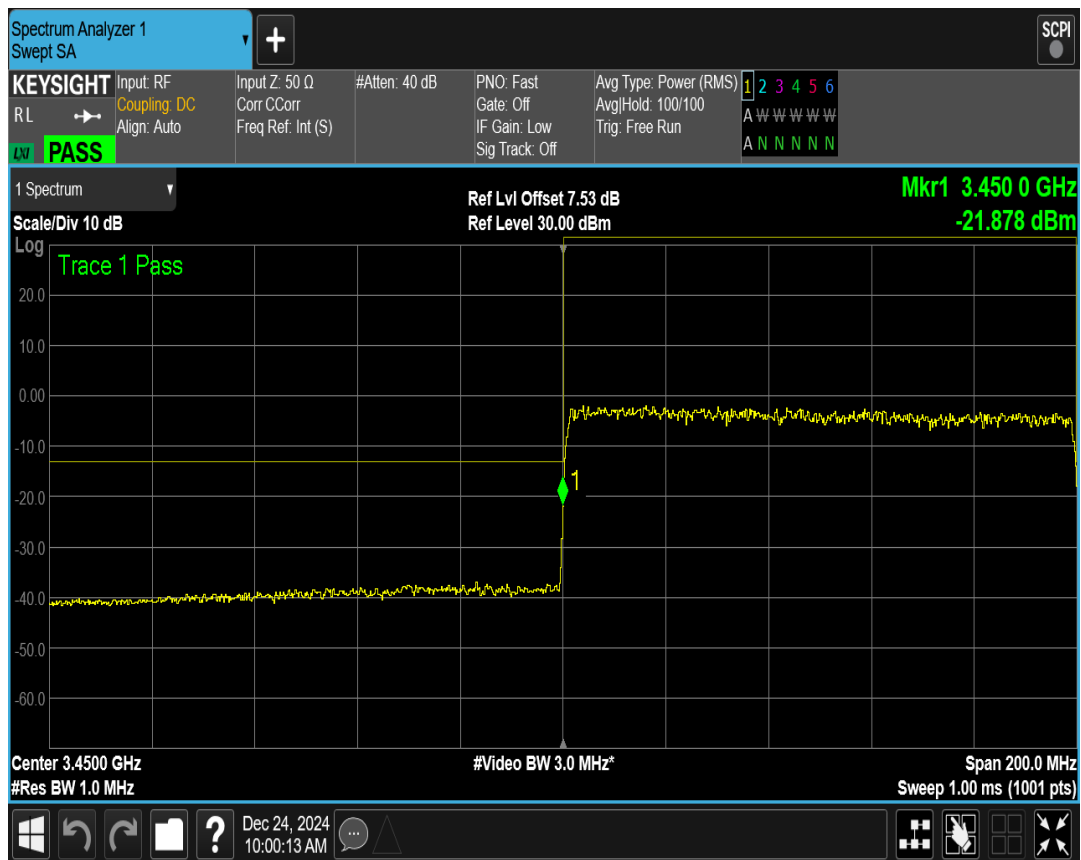
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@0



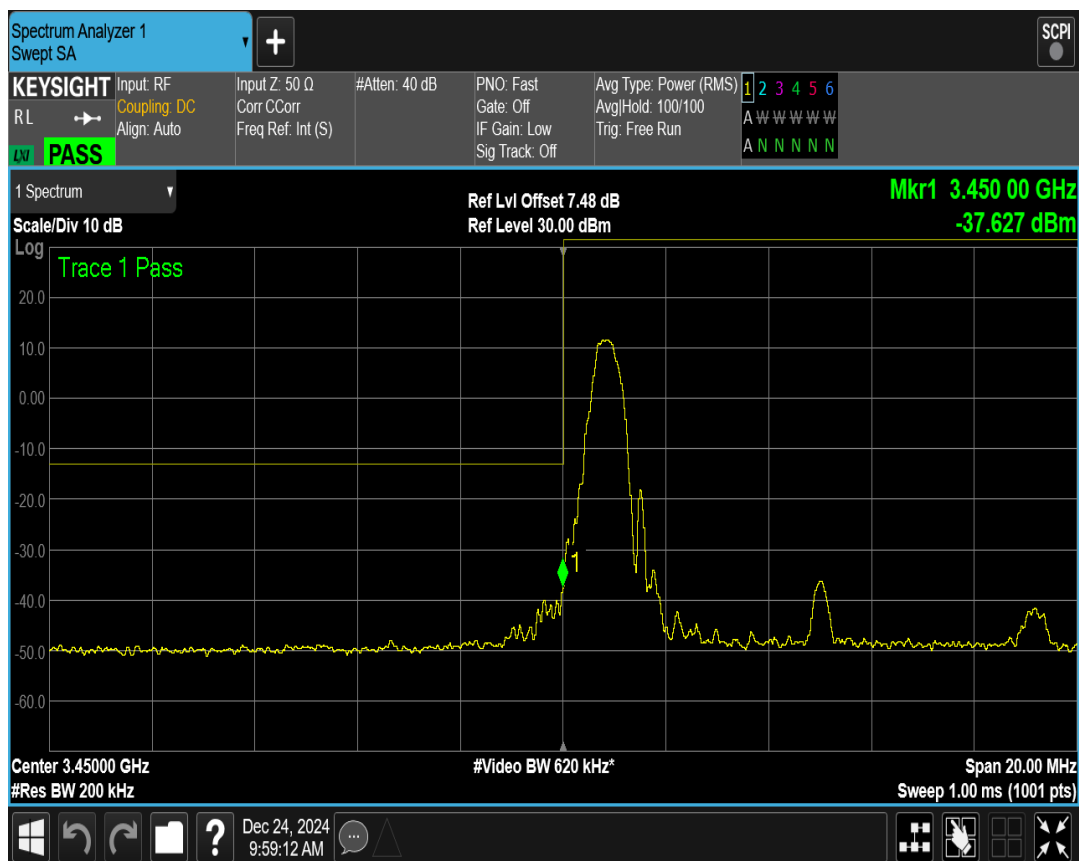
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@272



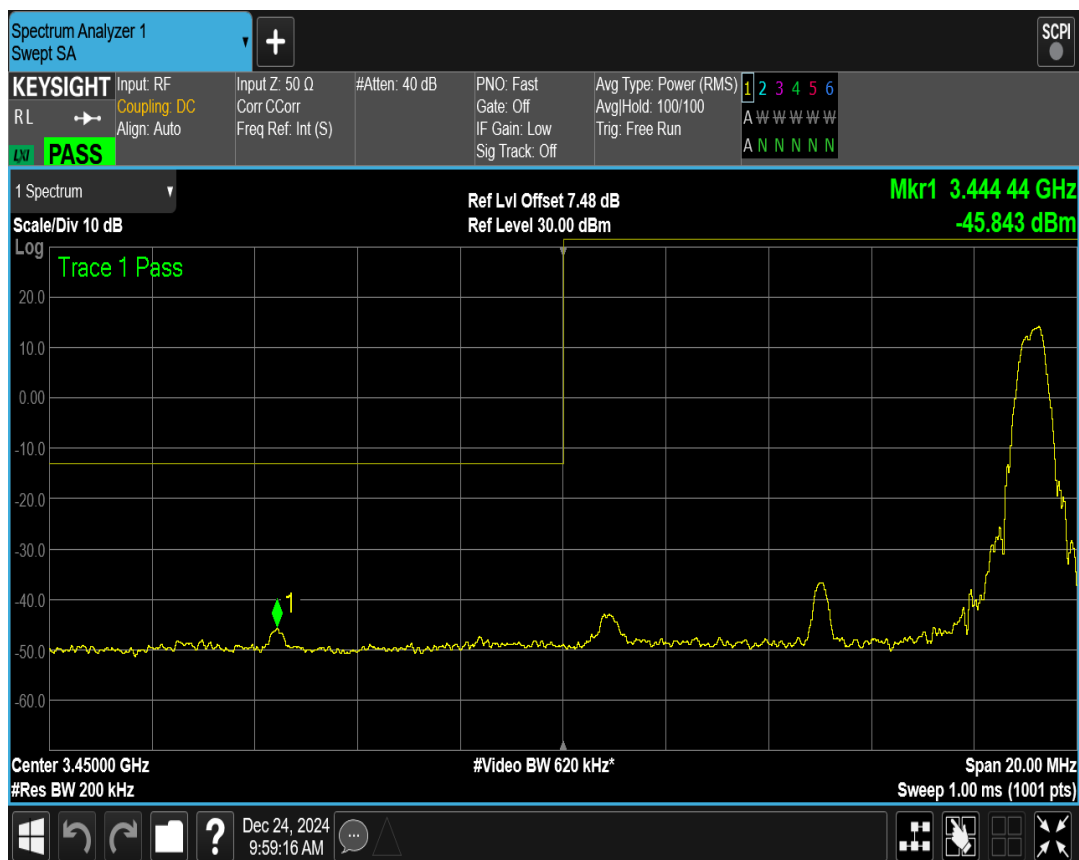
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



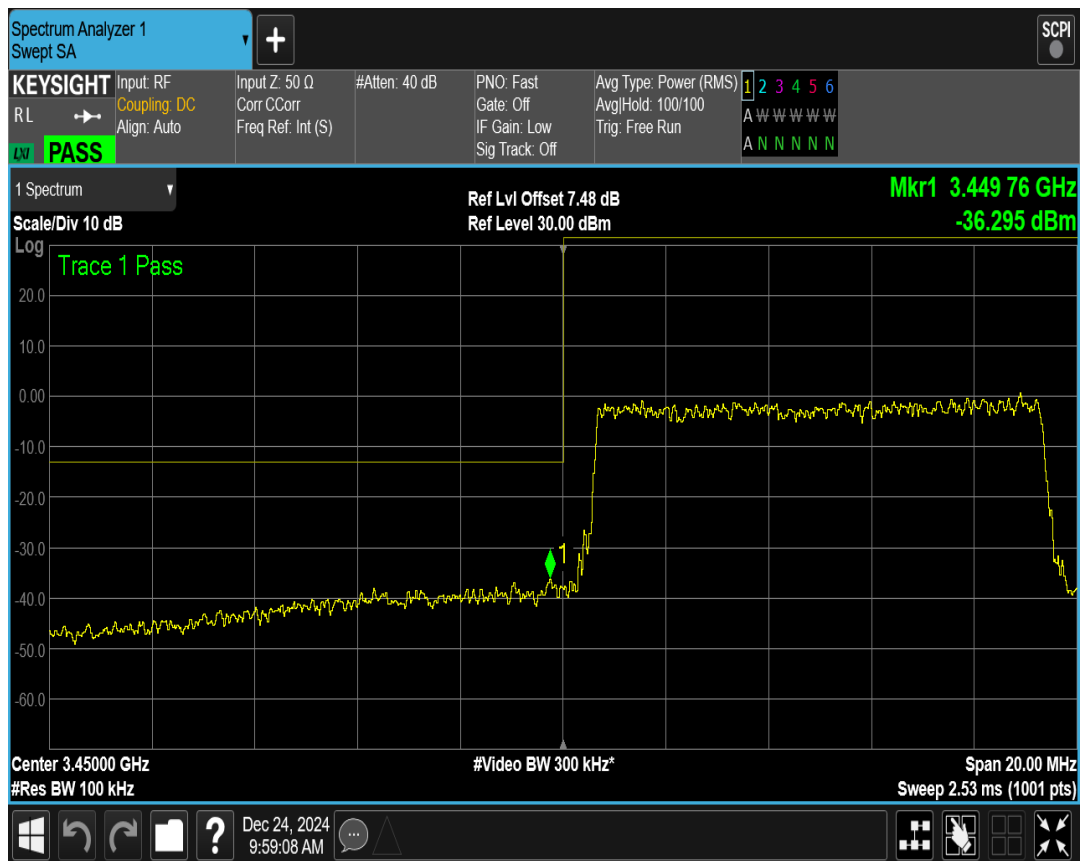
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@0



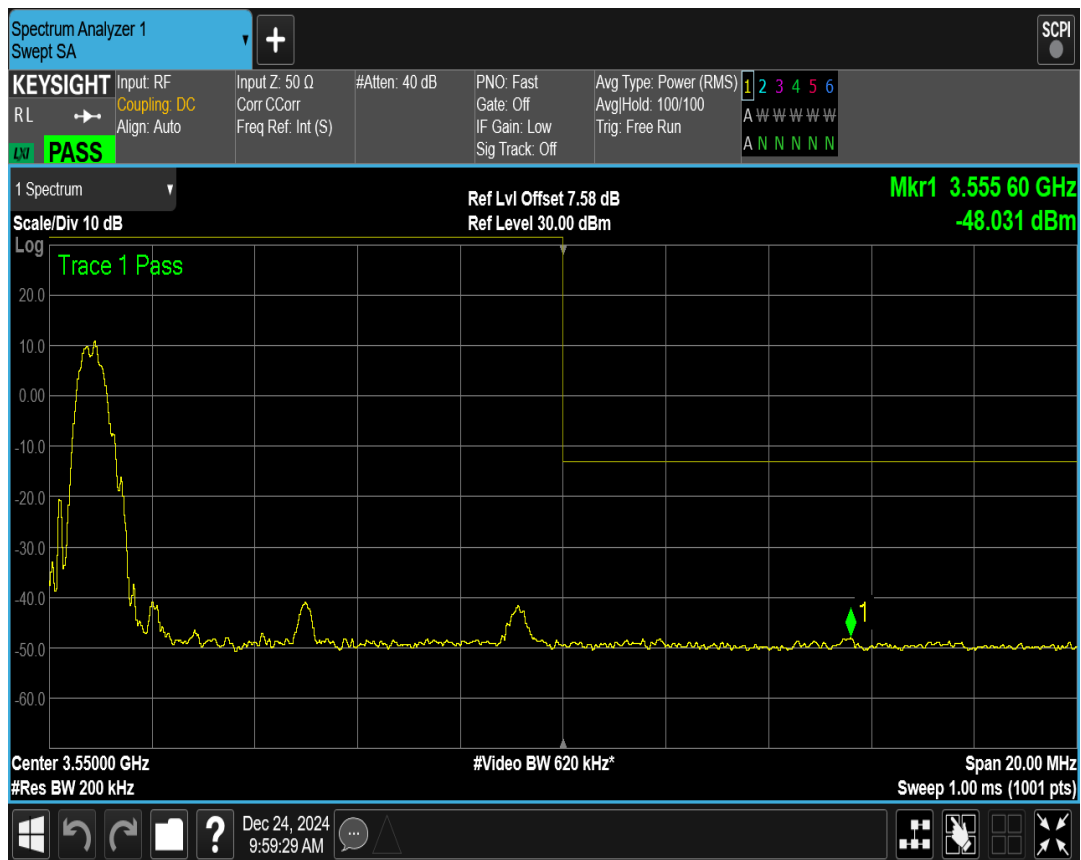
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@23



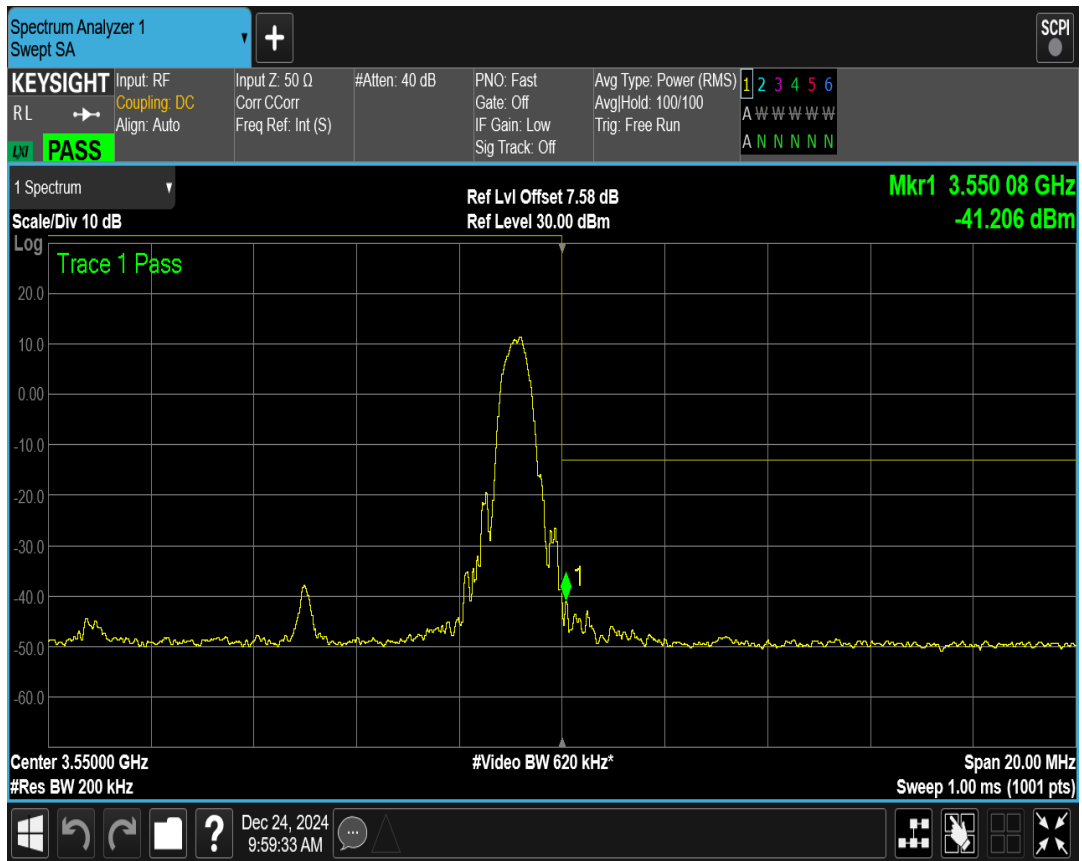
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



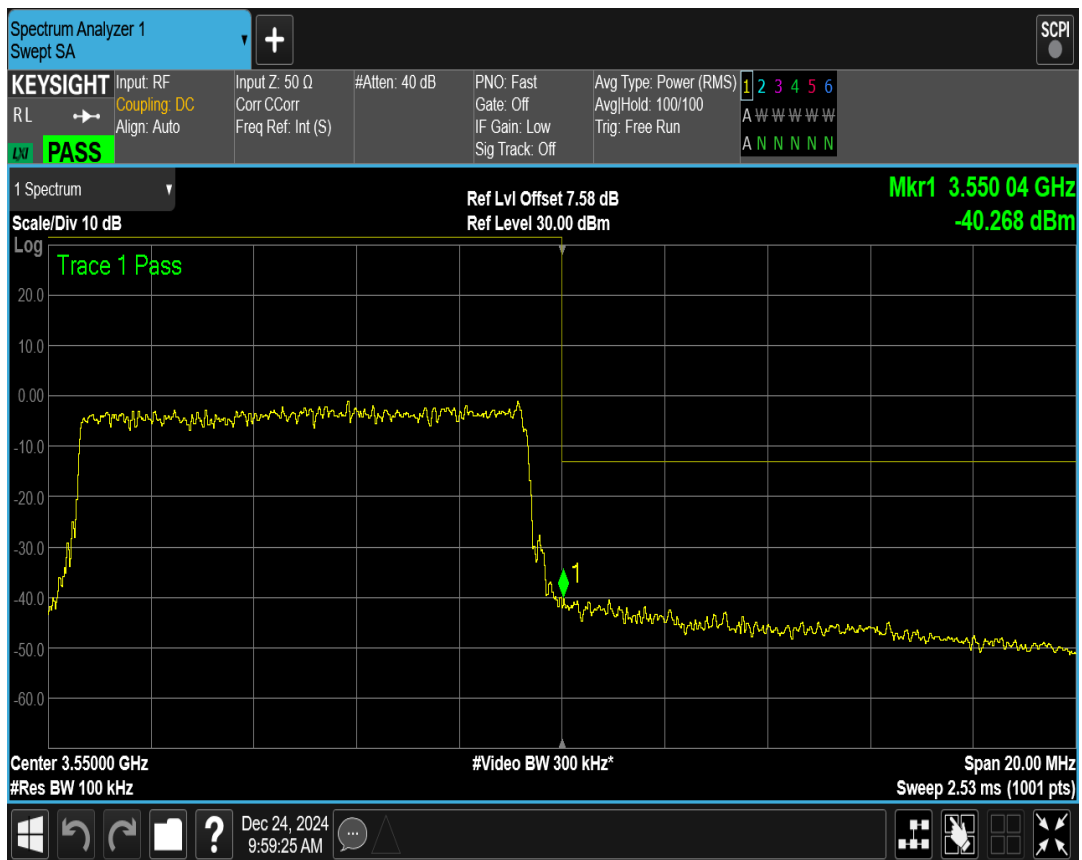
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@0



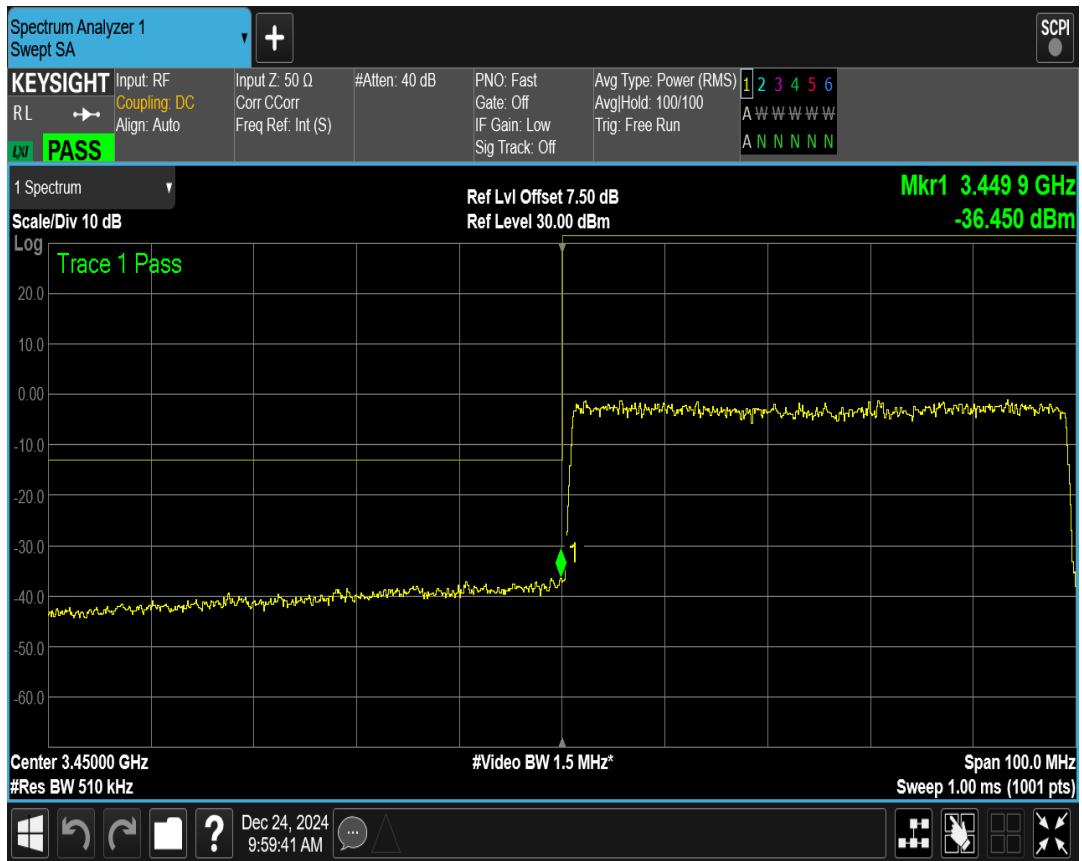
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@23



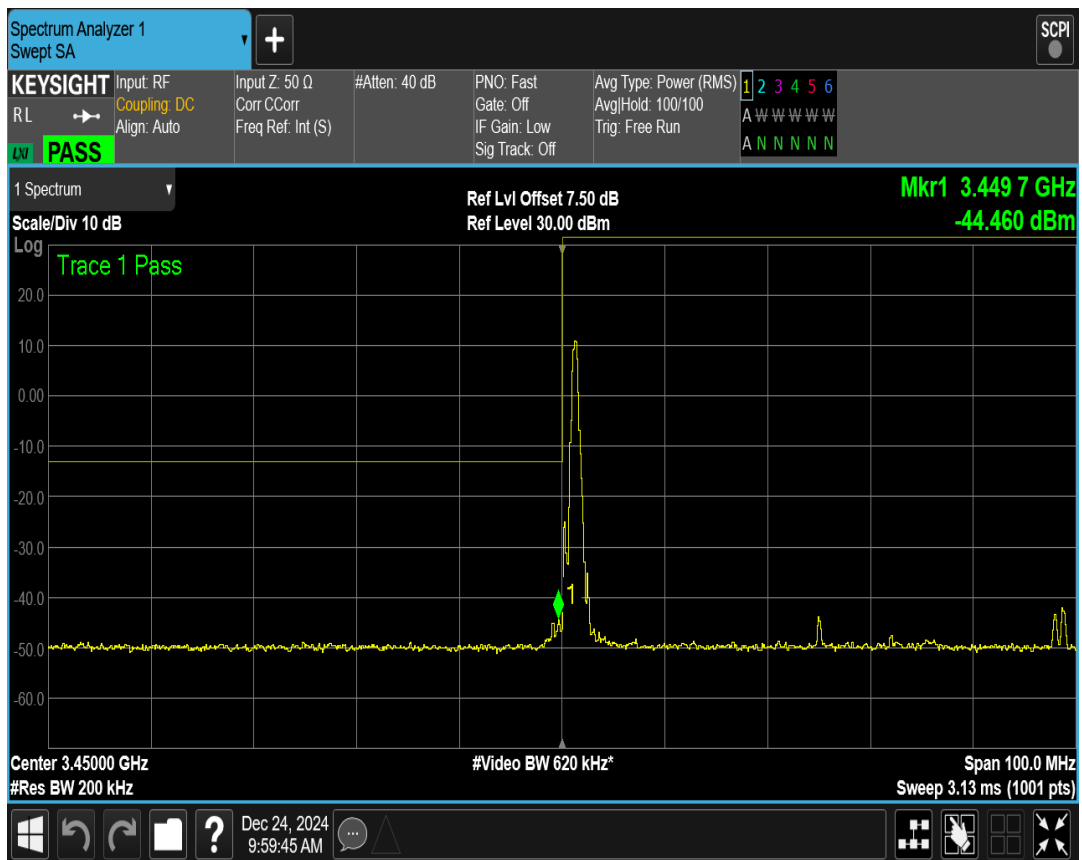
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



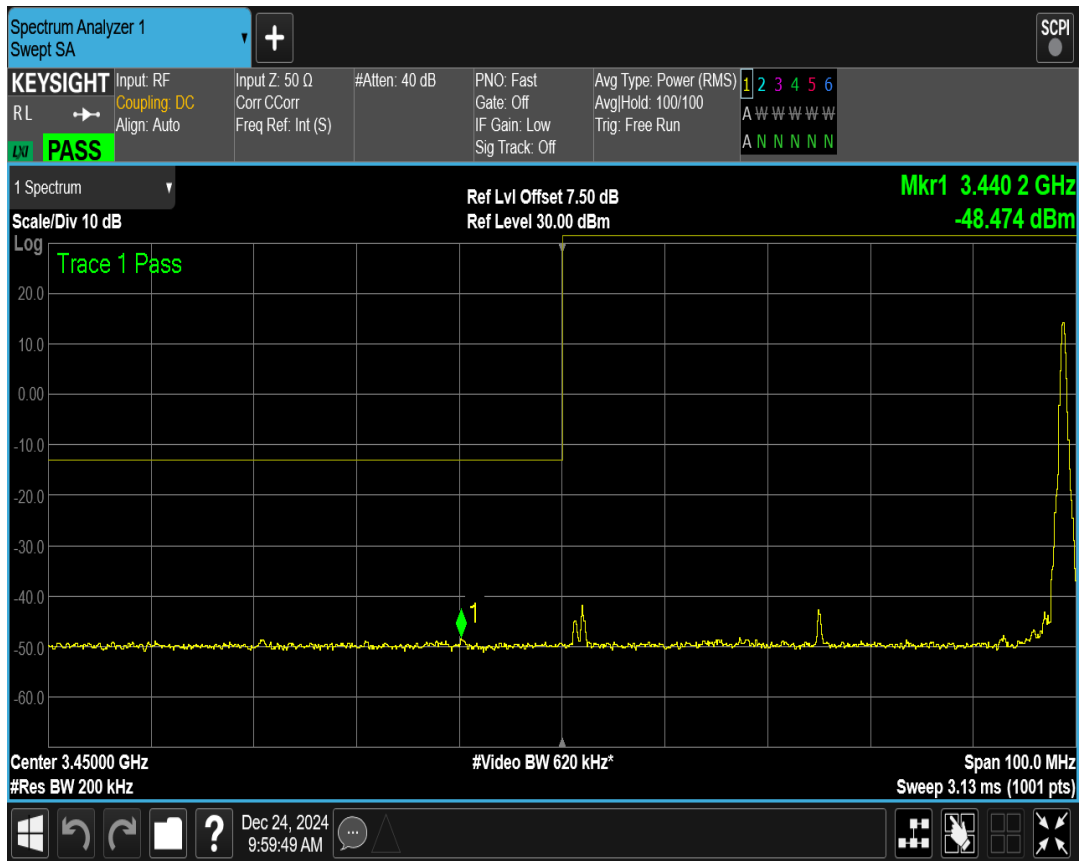
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=133@0



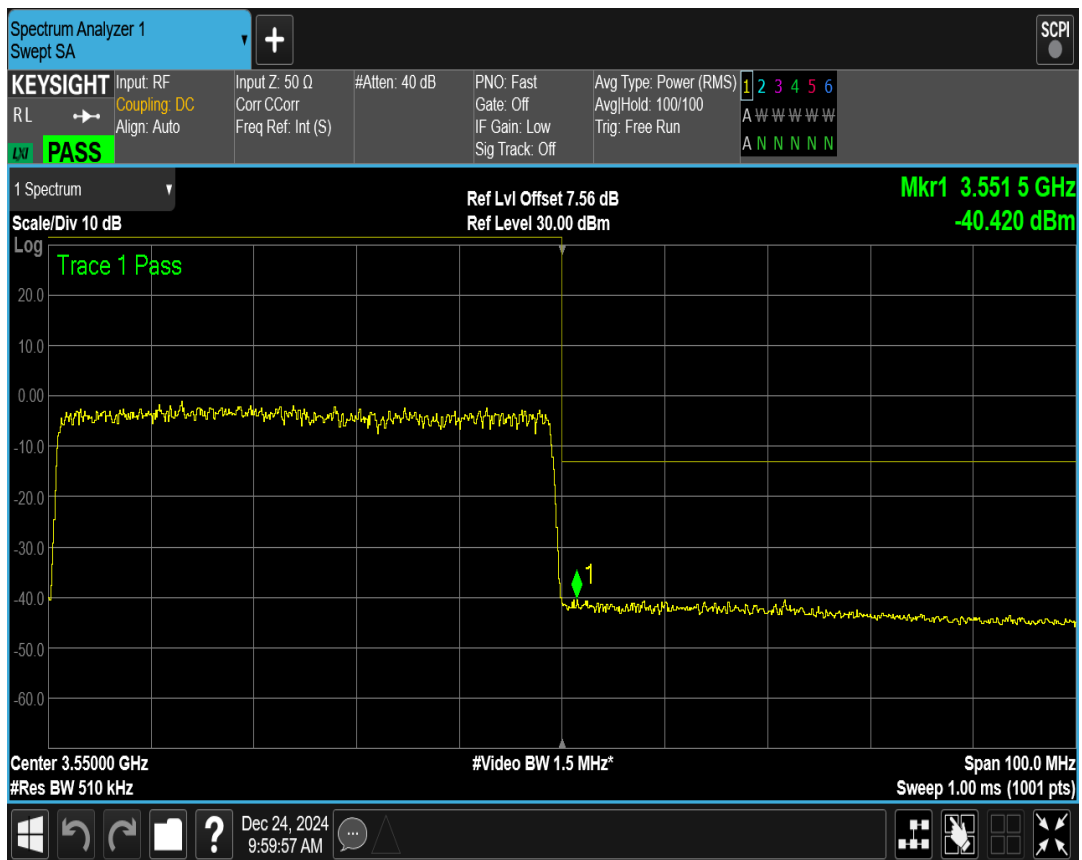
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@0



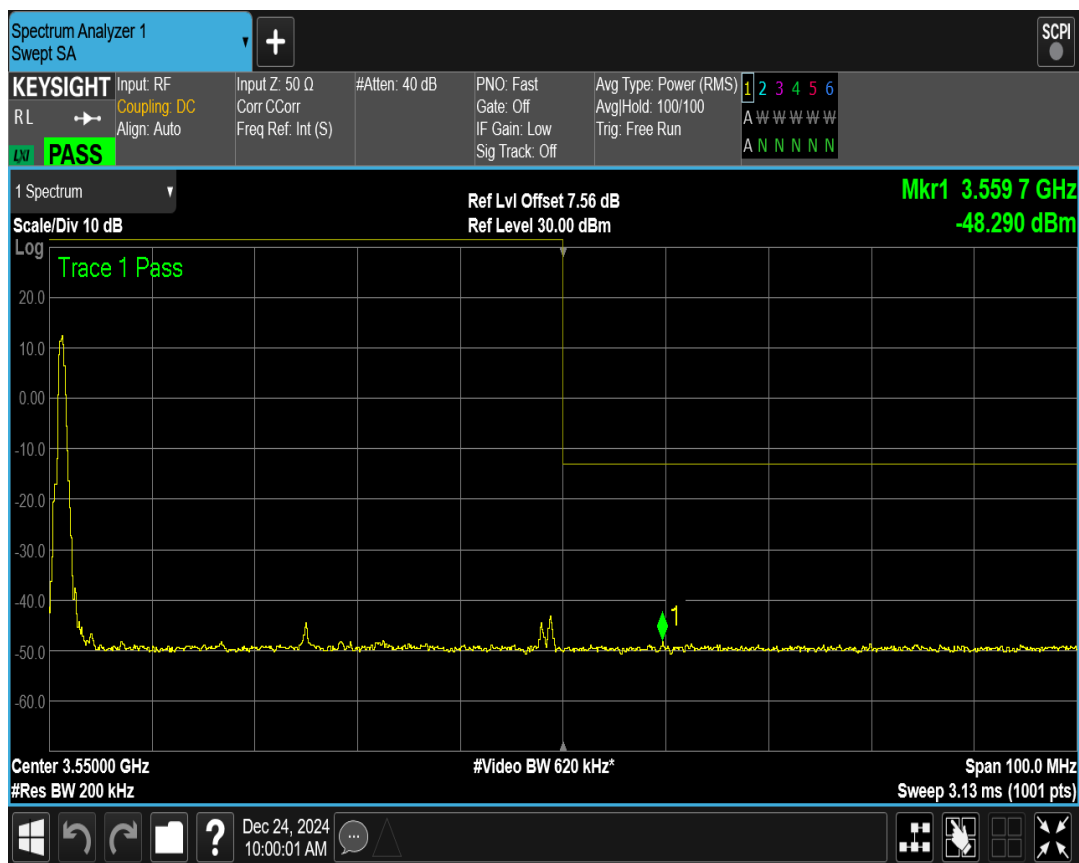
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@132



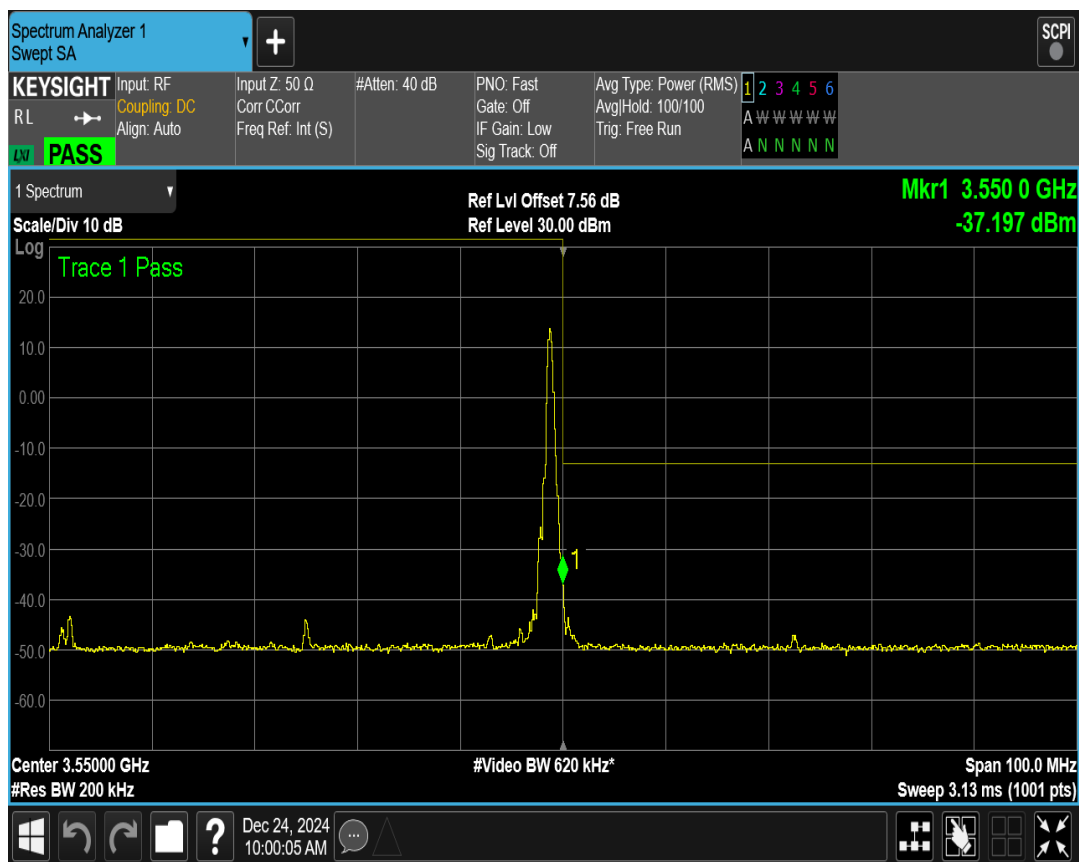
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=133@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=1@0



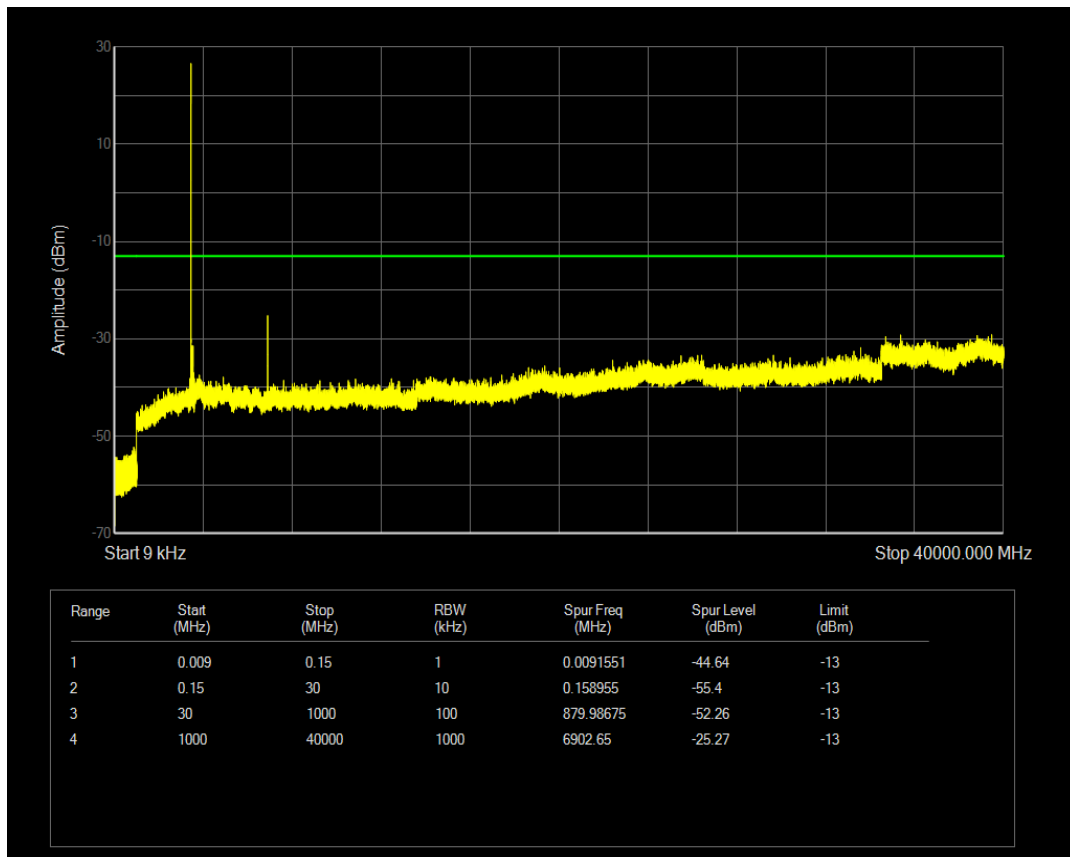
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=1@132



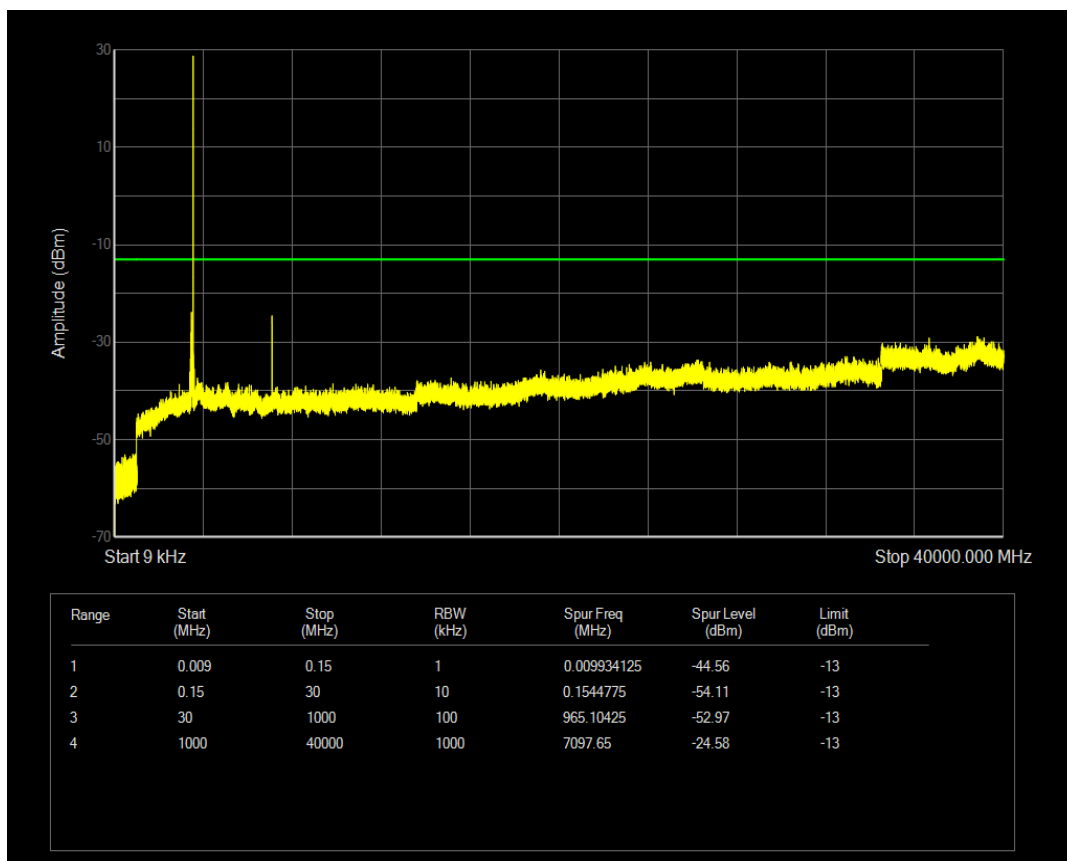
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	38871.93	-28.82	-13	PASS
n77(3450-3550)	30	10	630334	1@0	CP_QPSK	6901.68	-24.48	-13	PASS
n77(3450-3550)	30	10	630334	1@23	CP_QPSK	6918.25	-26.73	-13	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	38921.65	-28.42	-13	PASS
n77(3450-3550)	30	10	636332	1@0	CP_QPSK	39810.85	-29.23	-13	PASS
n77(3450-3550)	30	10	636332	1@23	CP_QPSK	7097.65	-28.50	-13	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	39098.13	-28.88	-13	PASS
n77(3450-3550)	30	50	631668	1@0	CP_QPSK	6902.65	-25.28	-13	PASS
n77(3450-3550)	30	50	631668	1@132	CP_QPSK	38939.20	-29.18	-13	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	38803.68	-28.66	-13	PASS
n77(3450-3550)	30	50	635000	1@0	CP_QPSK	38734.45	-29.61	-13	PASS
n77(3450-3550)	30	50	635000	1@132	CP_QPSK	7097.65	-25.55	-13	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	38863.15	-28.59	-13	PASS
n77(3450-3550)	30	100	633334	1@0	CP_QPSK	6902.65	-25.27	-13	PASS
n77(3450-3550)	30	100	633334	1@272	CP_QPSK	7097.65	-24.58	-13	PASS

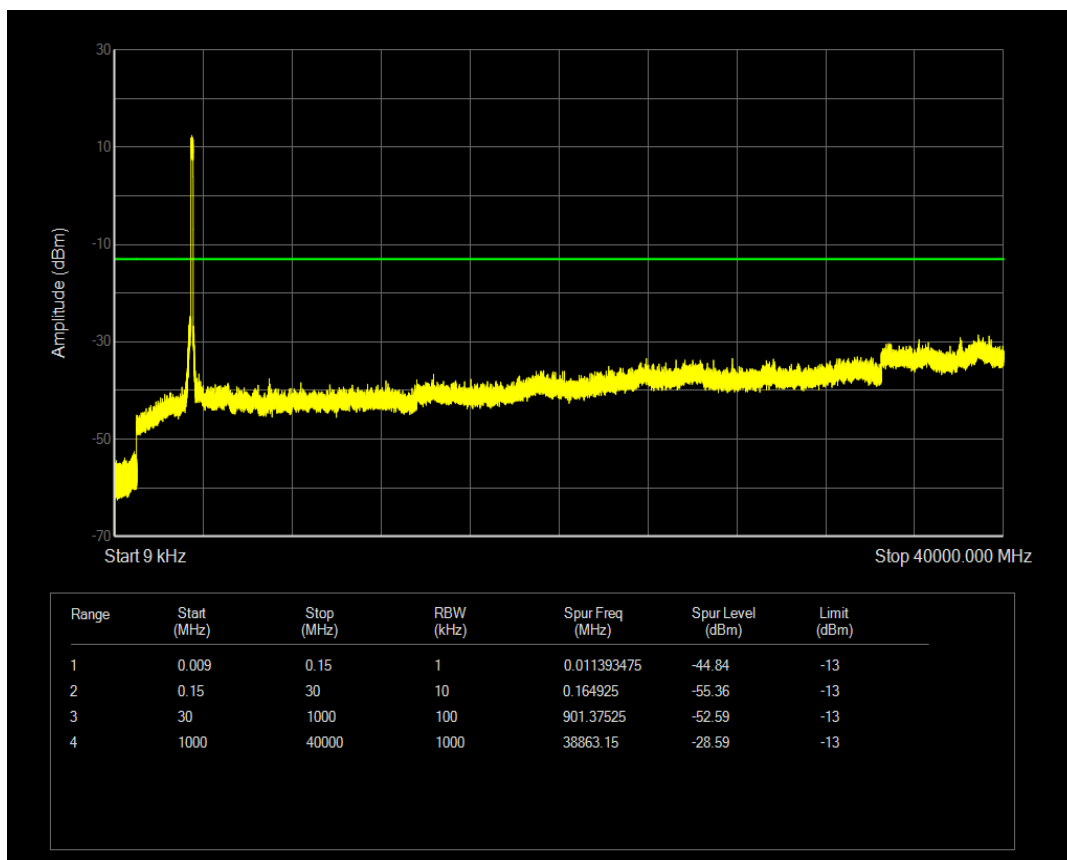
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@0



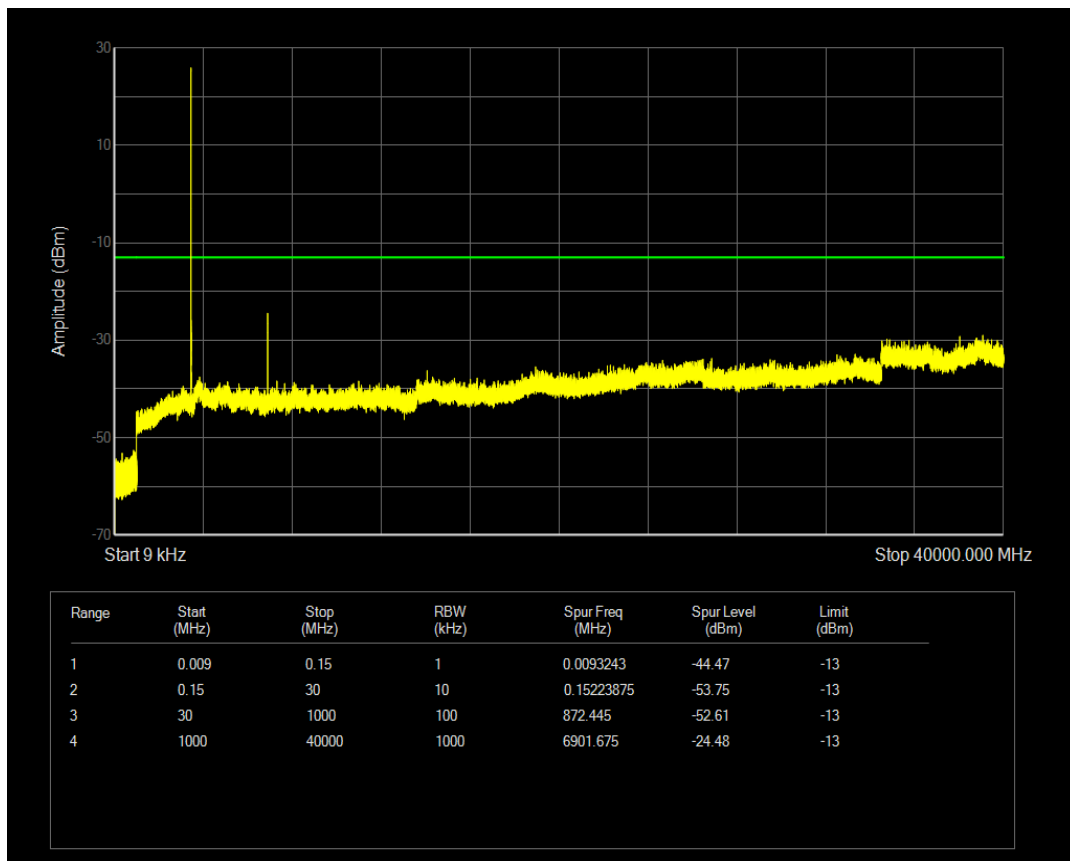
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@272



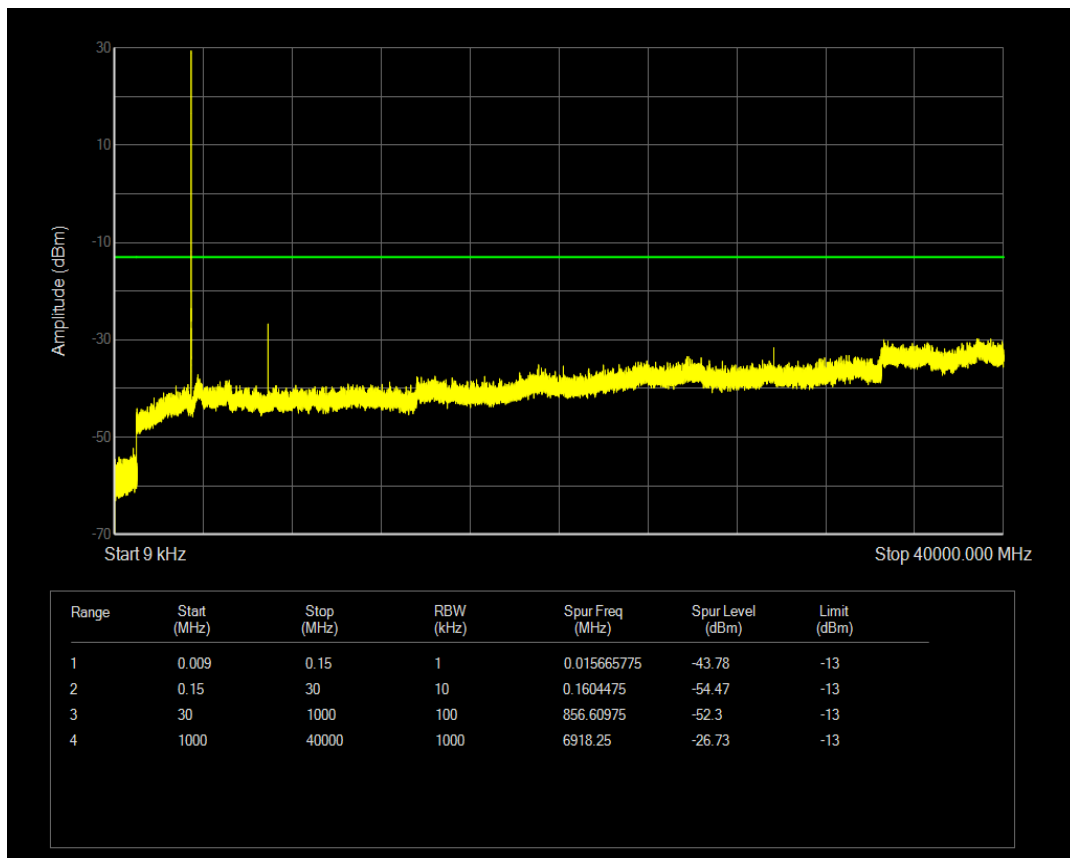
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



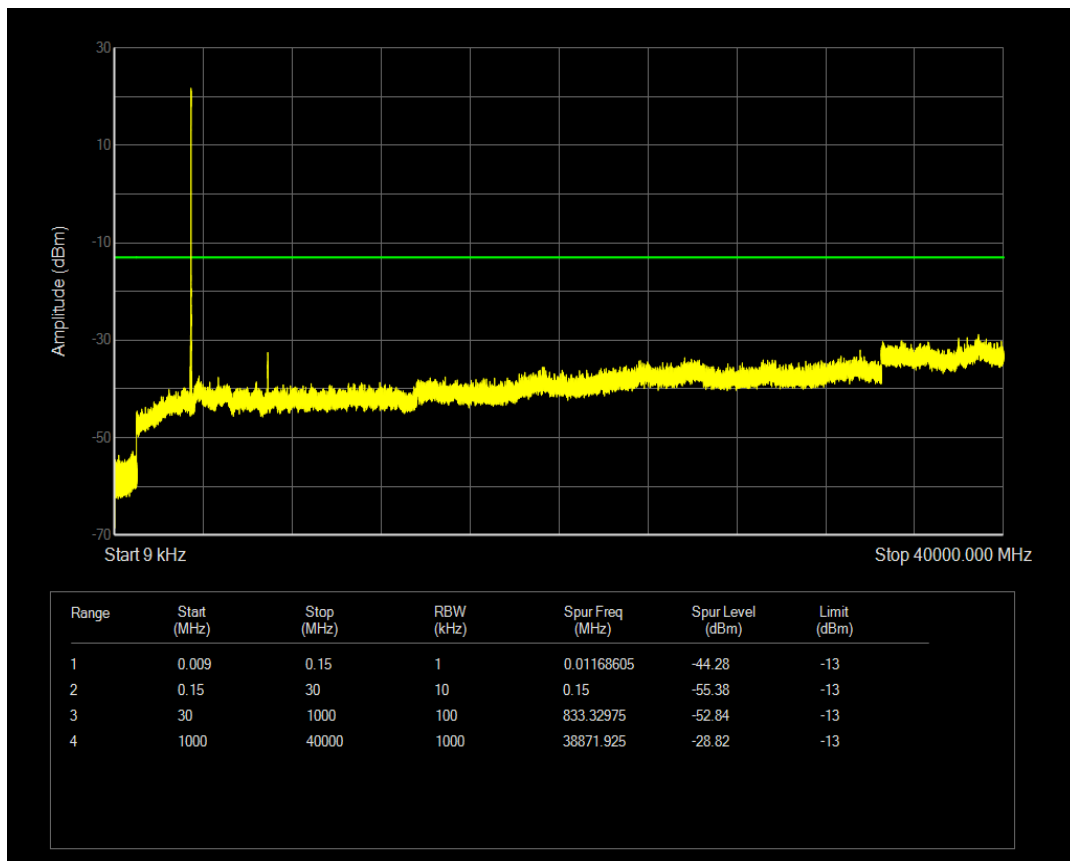
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@0



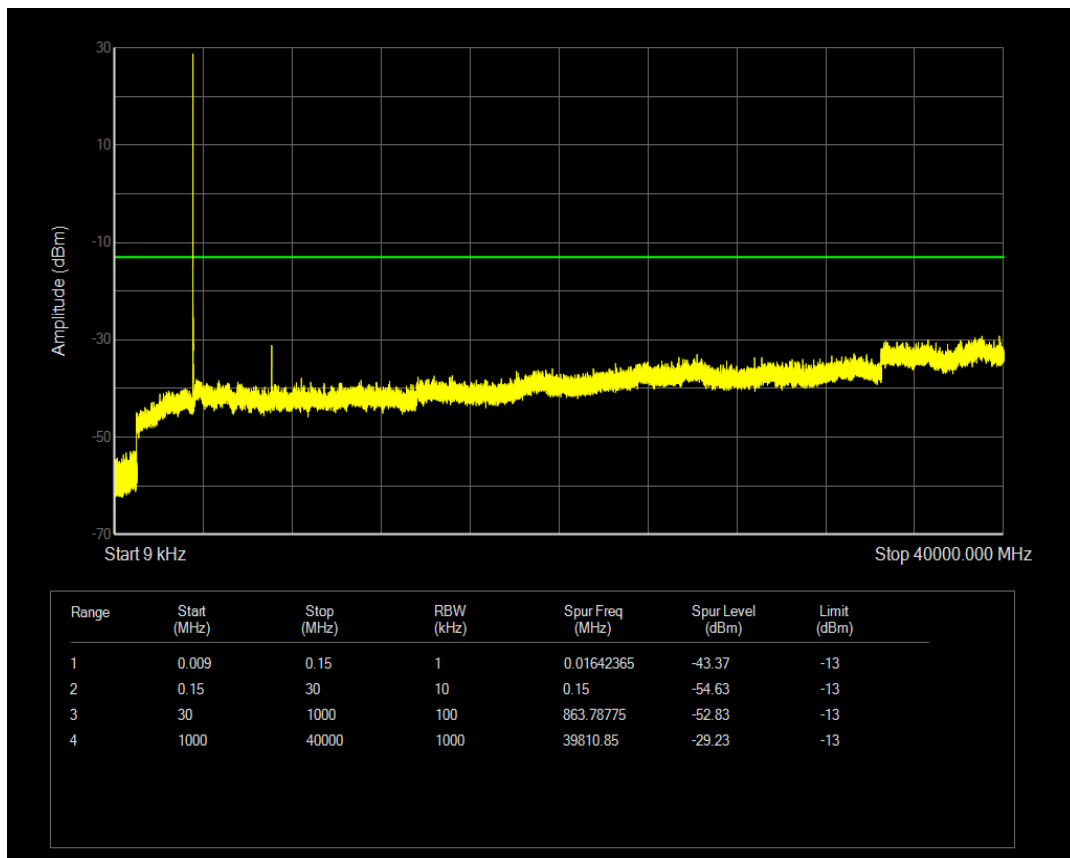
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@23



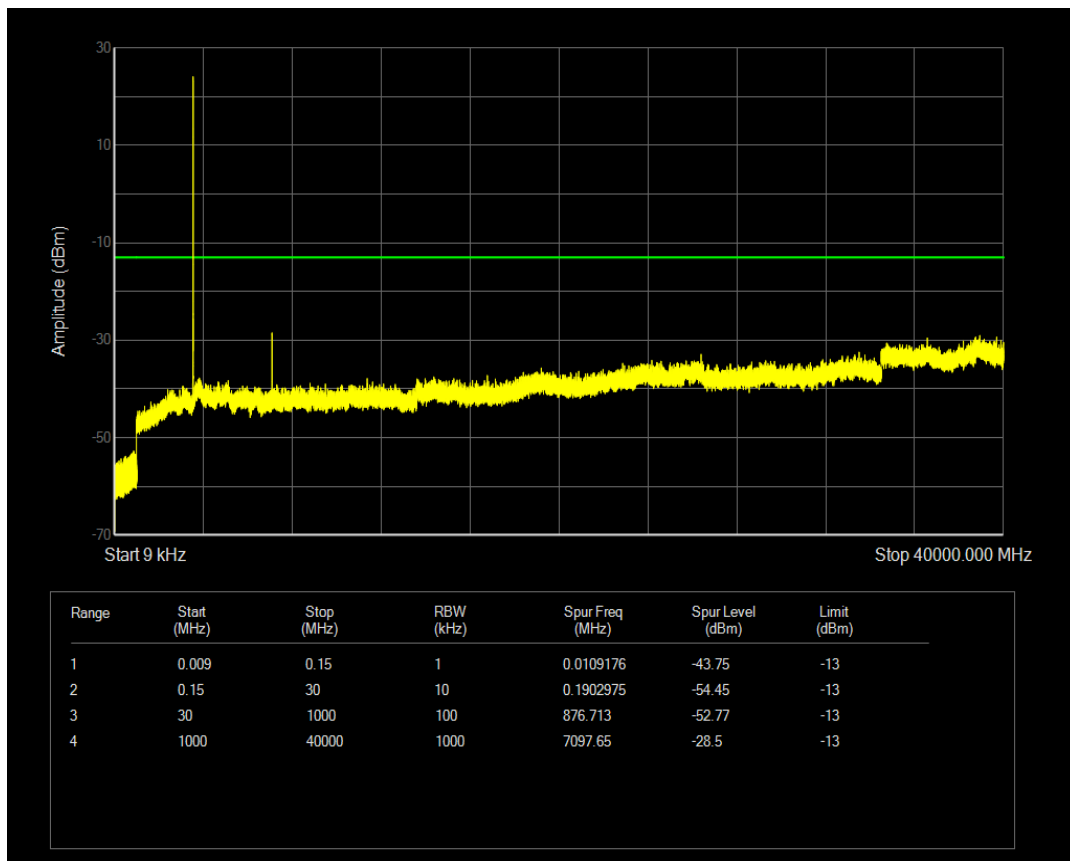
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



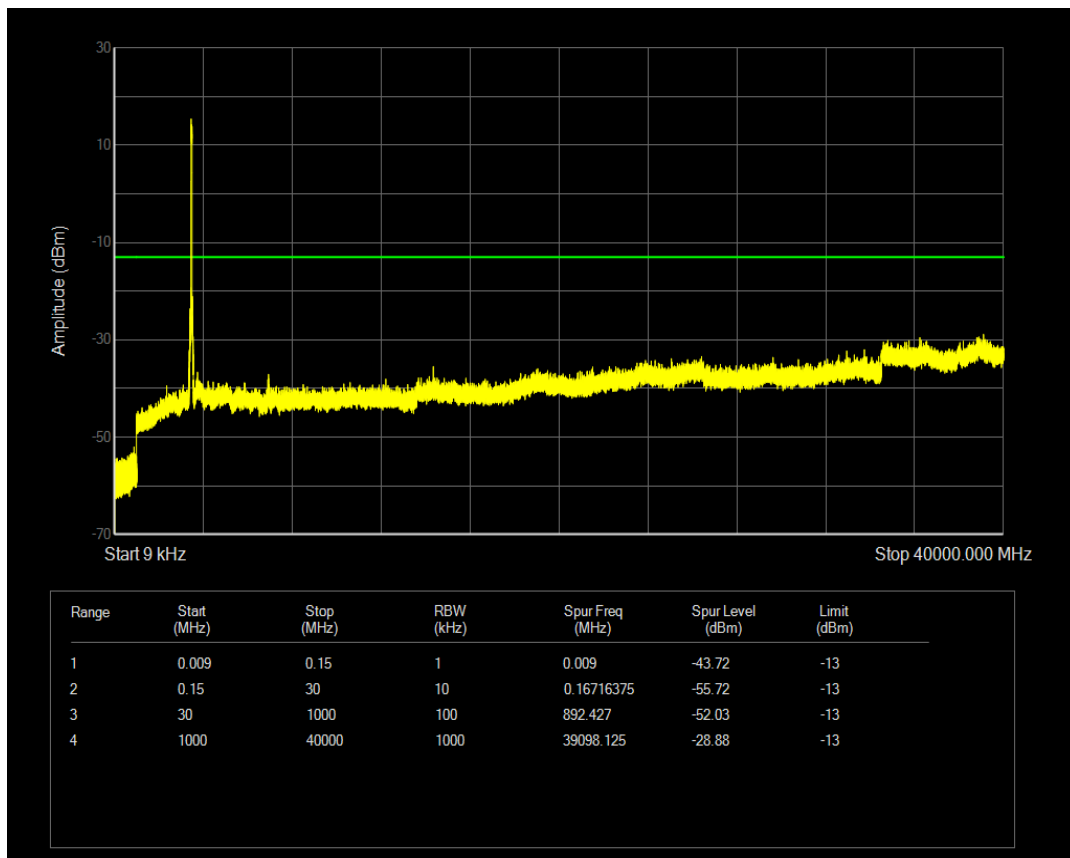
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@0



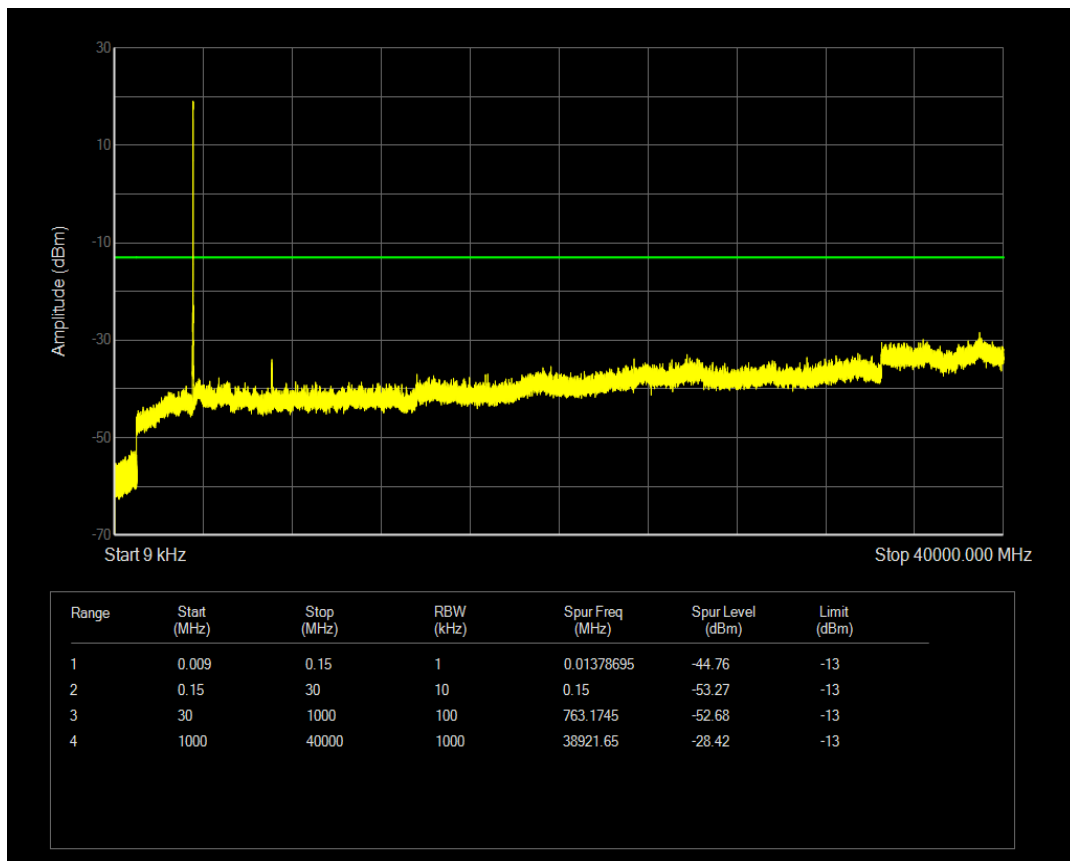
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@23



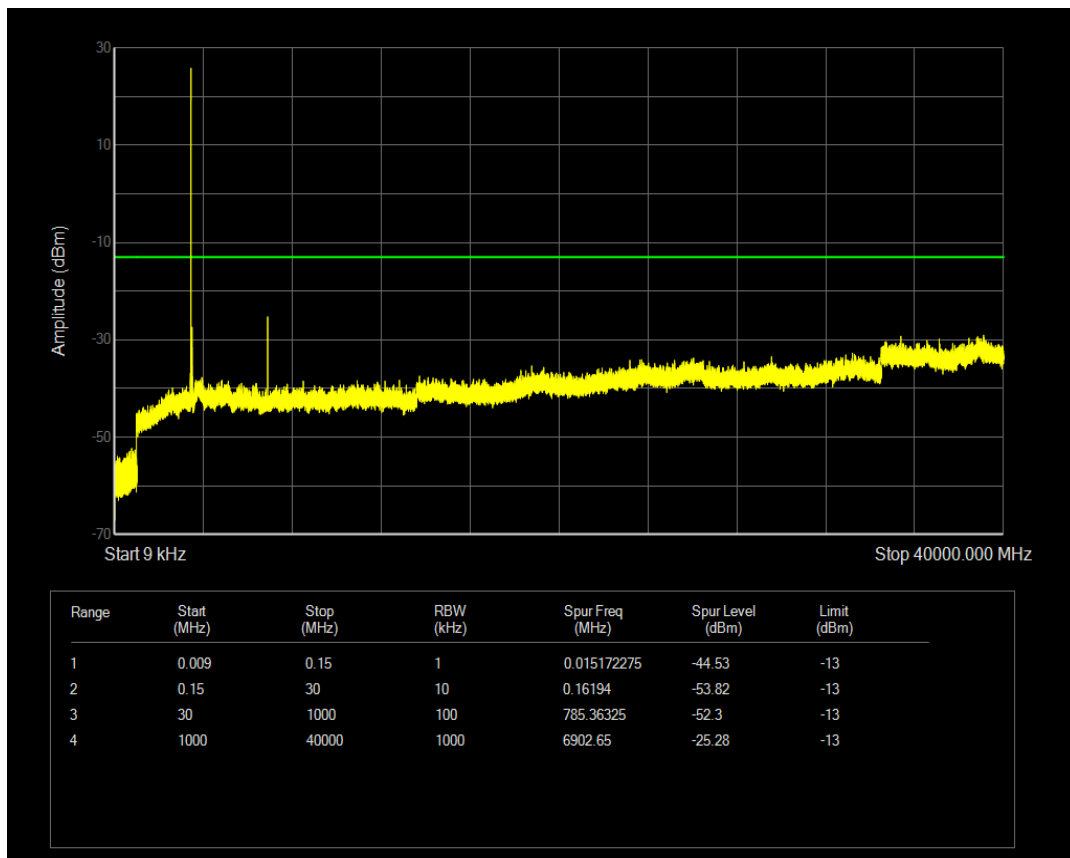
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=133@0



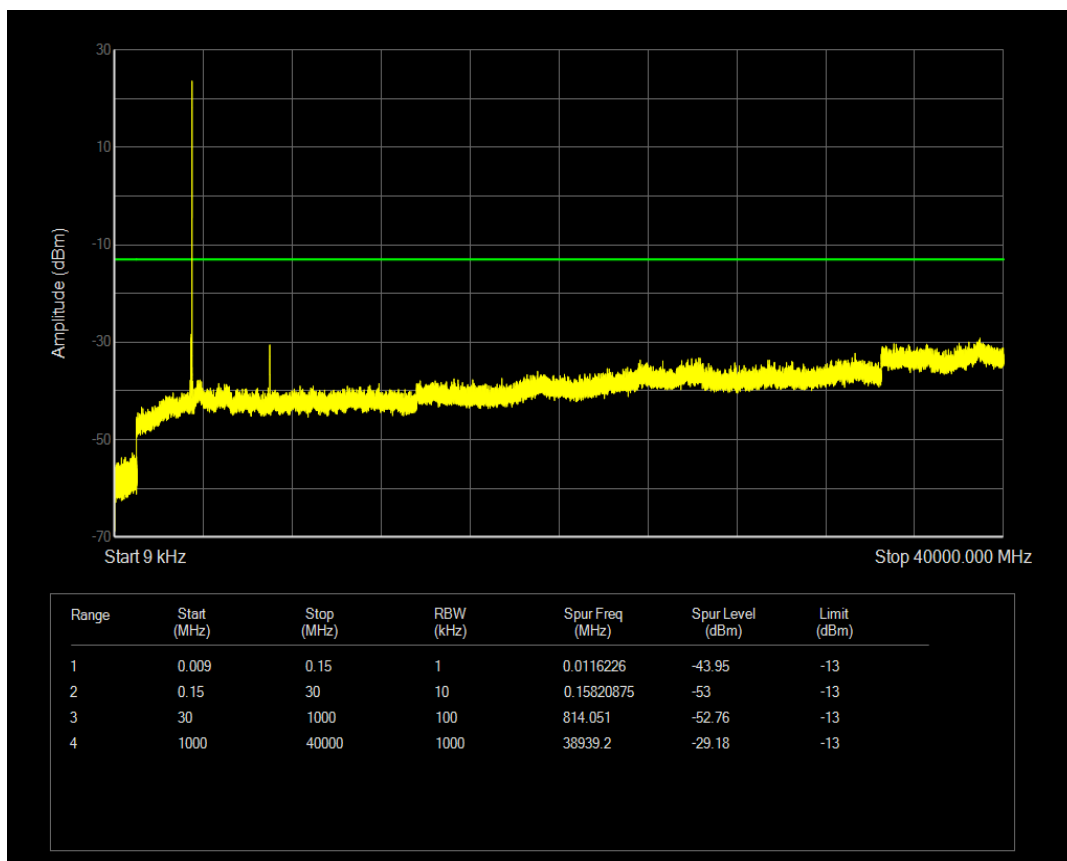
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



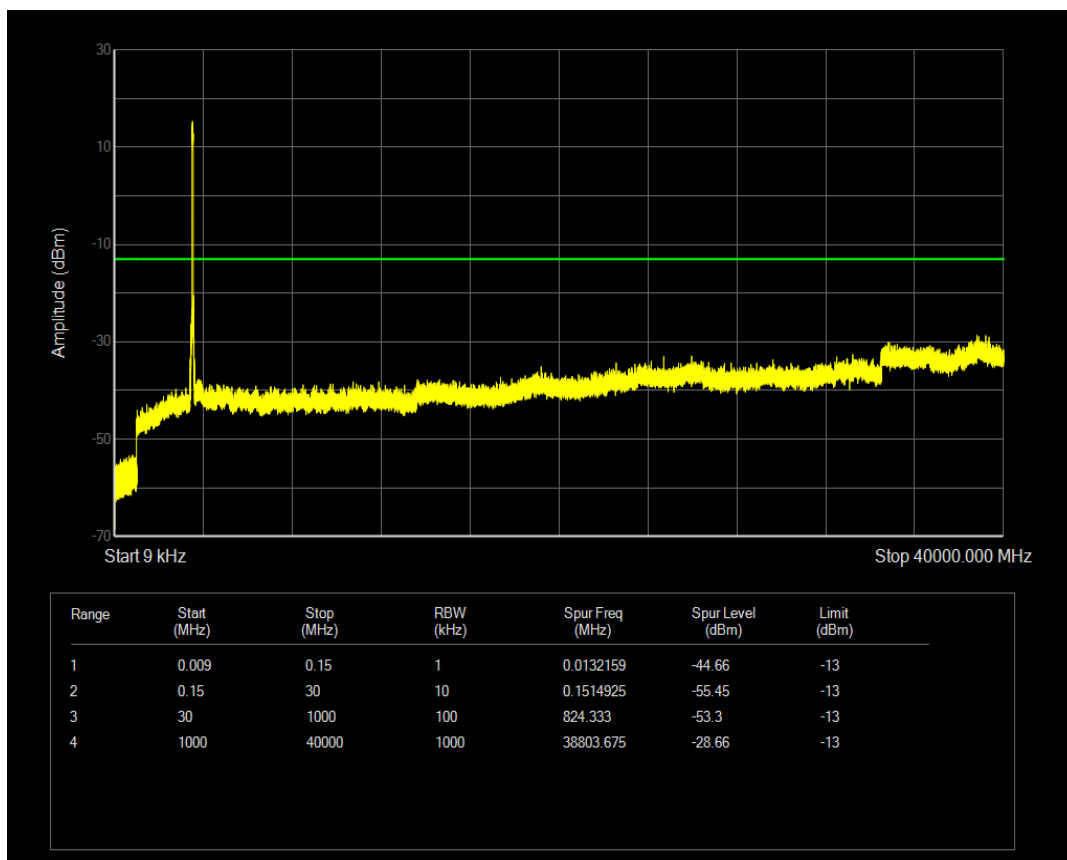
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@0



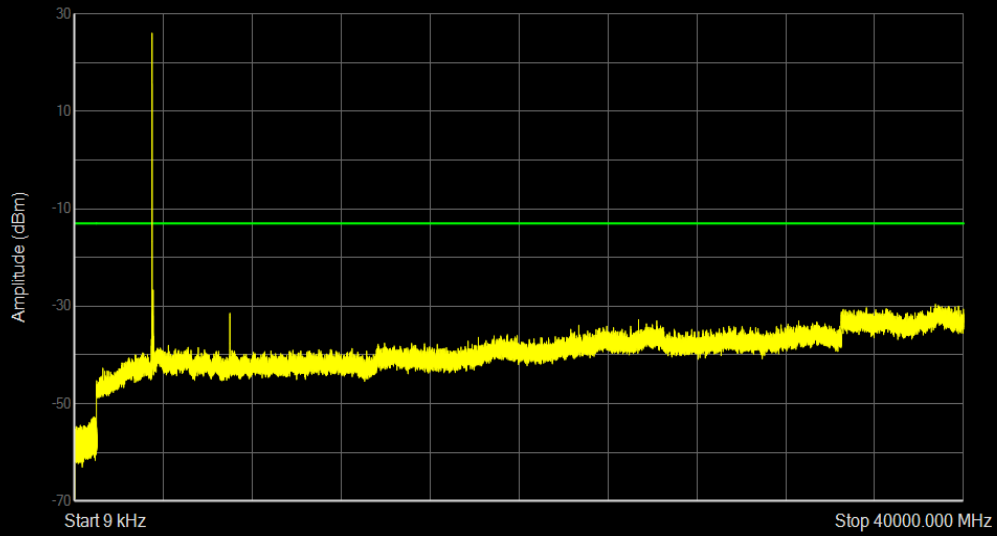
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@132



n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=133@0

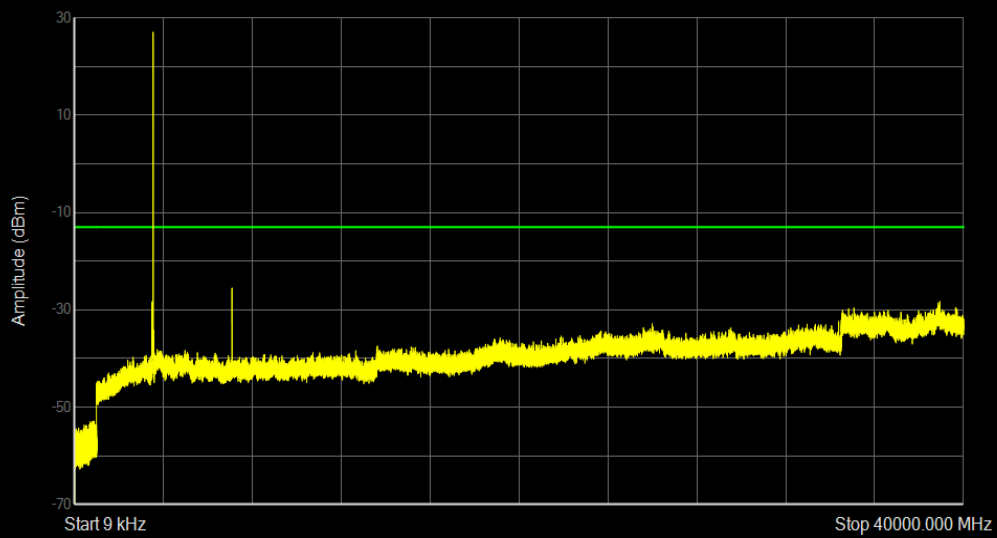


n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011767125	-44.09	-13
2	0.15	30	10	0.15	-55.27	-13
3	30	1000	100	904.067	-52.75	-13
4	1000	40000	1000	38734.45	-29.61	-13

n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=1@132



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012817575	-43.93	-13
2	0.15	30	10	0.15671625	-55.32	-13
3	30	1000	100	848.94675	-52.89	-13
4	1000	40000	1000	7097.65	-25.55	-13