



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



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



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



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



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



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



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



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



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



n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@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=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@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=90MHz Channel=633334 RB=240@0



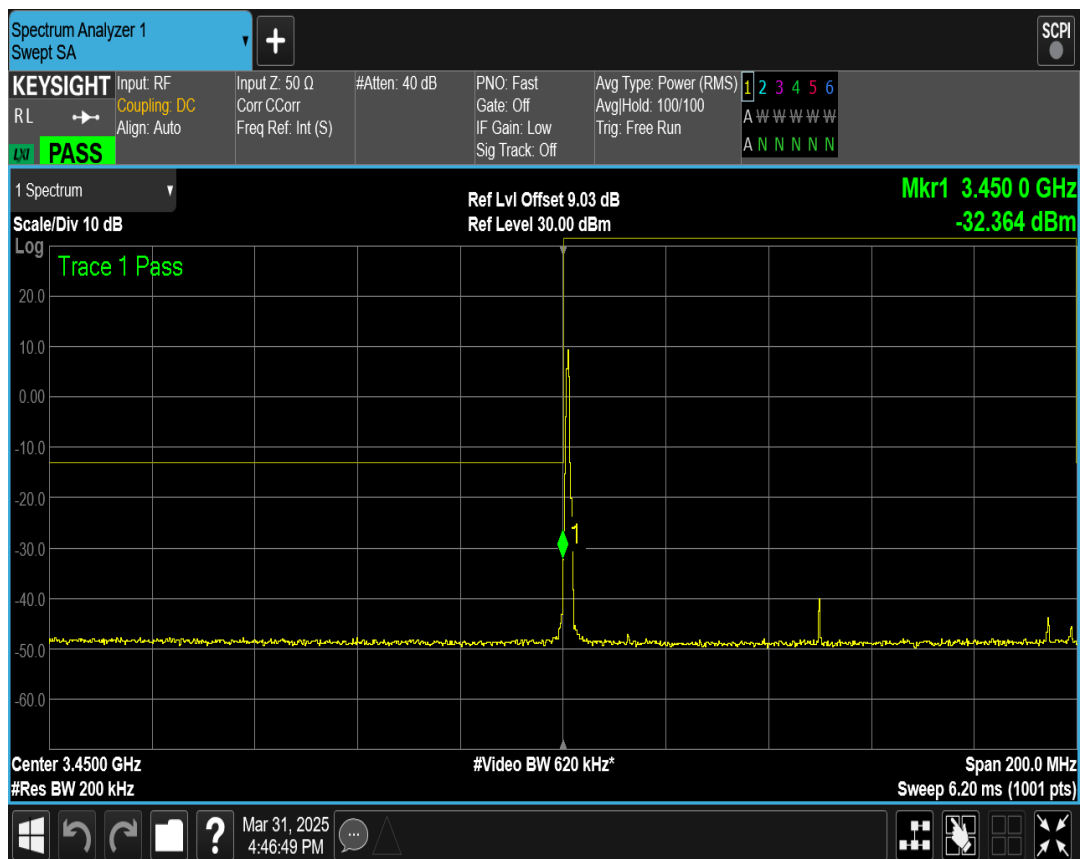
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



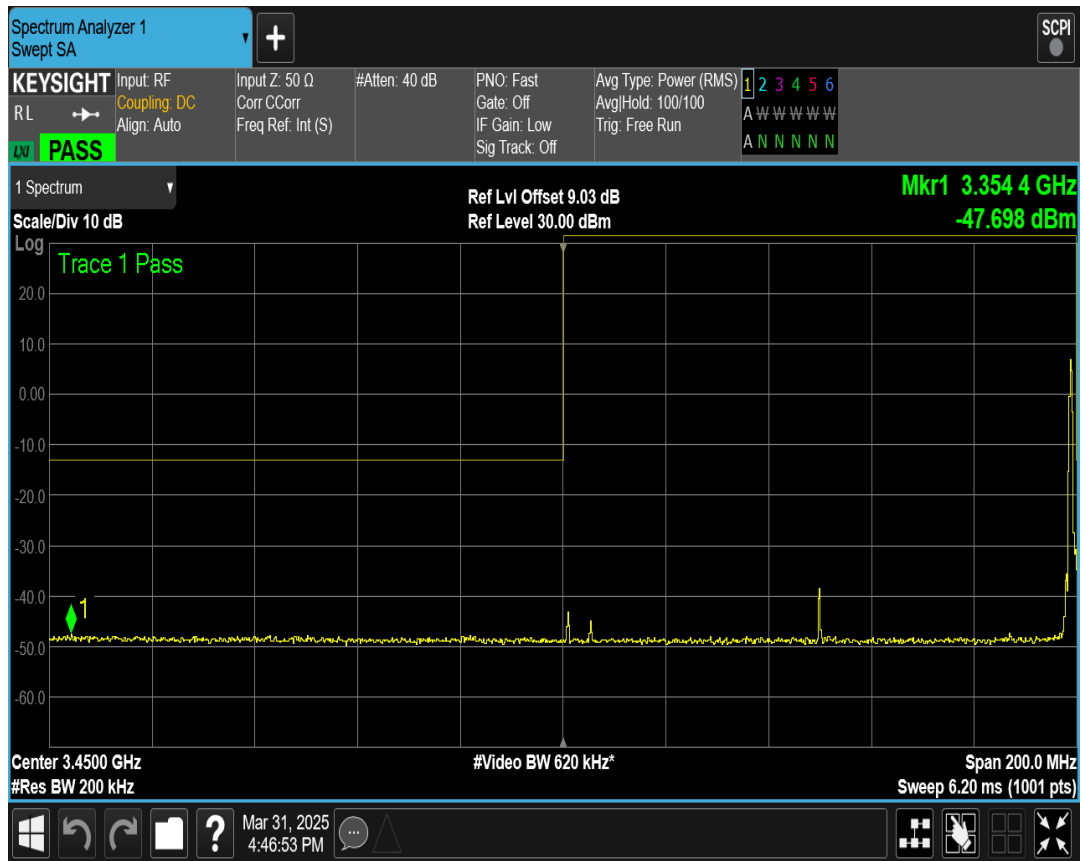
5 Band edge for NR FR1

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	3450.00	-39.06	-13	PASS
n77(3450-3550)	30	10	630334	1@0	CP_QPSK	3450.00	-33.40	-13	PASS
n77(3450-3550)	30	10	630334	1@23	CP_QPSK	3444.46	-47.14	-13	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	3550.70	-41.54	-13	PASS
n77(3450-3550)	30	10	636332	1@0	CP_QPSK	3555.58	-46.91	-13	PASS
n77(3450-3550)	30	10	636332	1@23	CP_QPSK	3550.00	-34.38	-13	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	3445.80	-37.88	-13	PASS
n77(3450-3550)	30	50	631668	1@0	CP_QPSK	3450.00	-37.40	-13	PASS
n77(3450-3550)	30	50	631668	1@132	CP_QPSK	3440.40	-47.84	-13	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	3551.00	-40.13	-13	PASS
n77(3450-3550)	30	50	635000	1@0	CP_QPSK	3561.90	-47.25	-13	PASS
n77(3450-3550)	30	50	635000	1@132	CP_QPSK	3550.00	-37.38	-13	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	3450.00	-29.60	-13	PASS
n77(3450-3550)	30	100	633334	1@0	CP_QPSK	3450.00	-32.36	-13	PASS
n77(3450-3550)	30	100	633334	1@272	CP_QPSK	3354.40	-47.69	-13	PASS

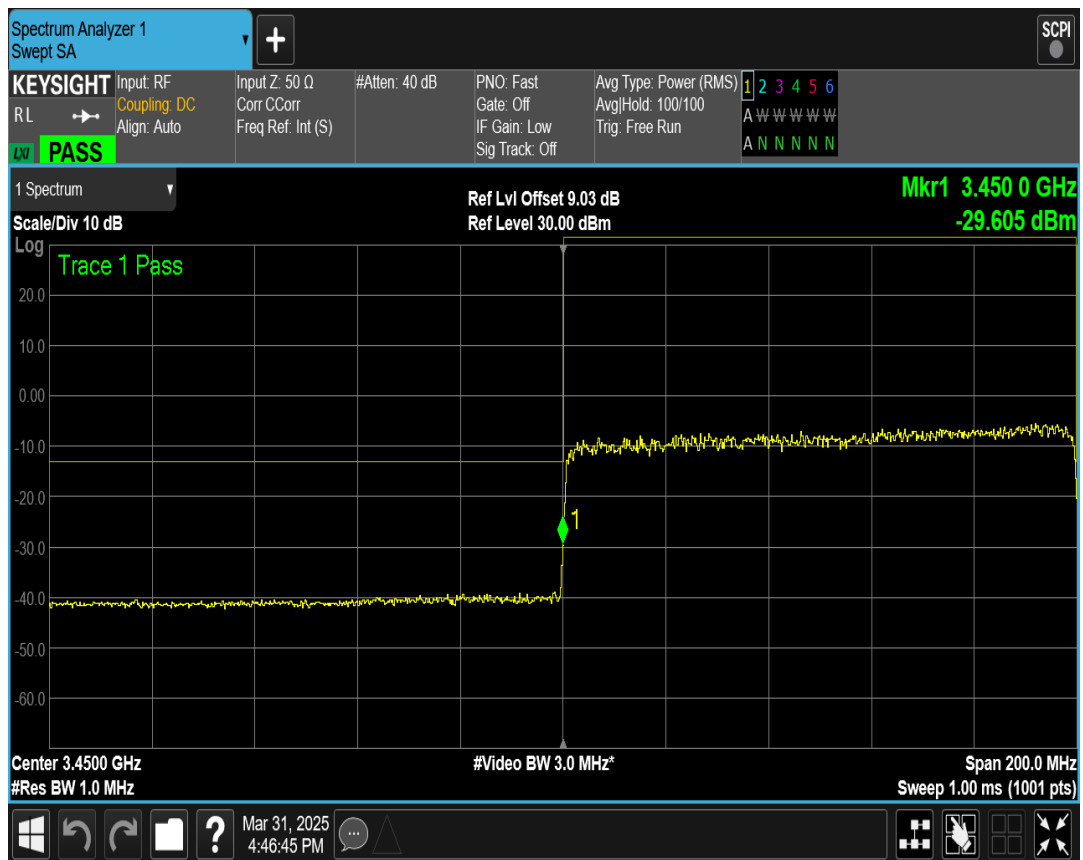
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@0



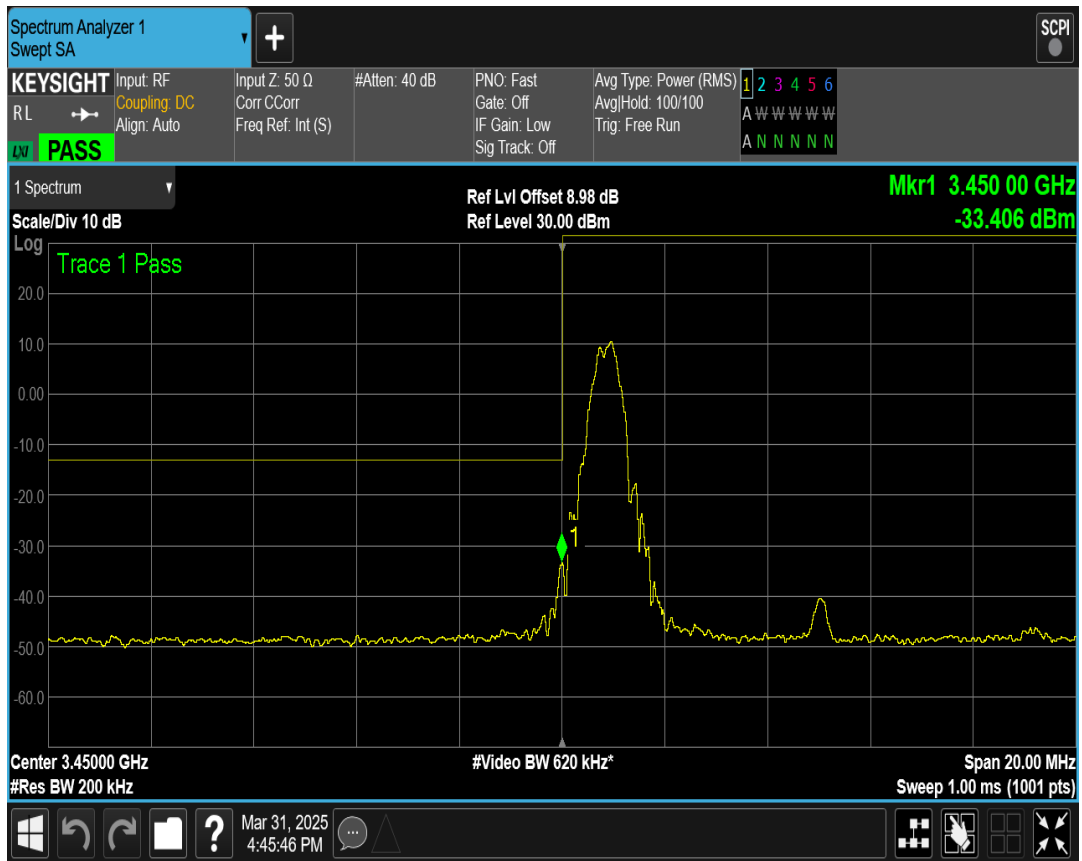
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@272



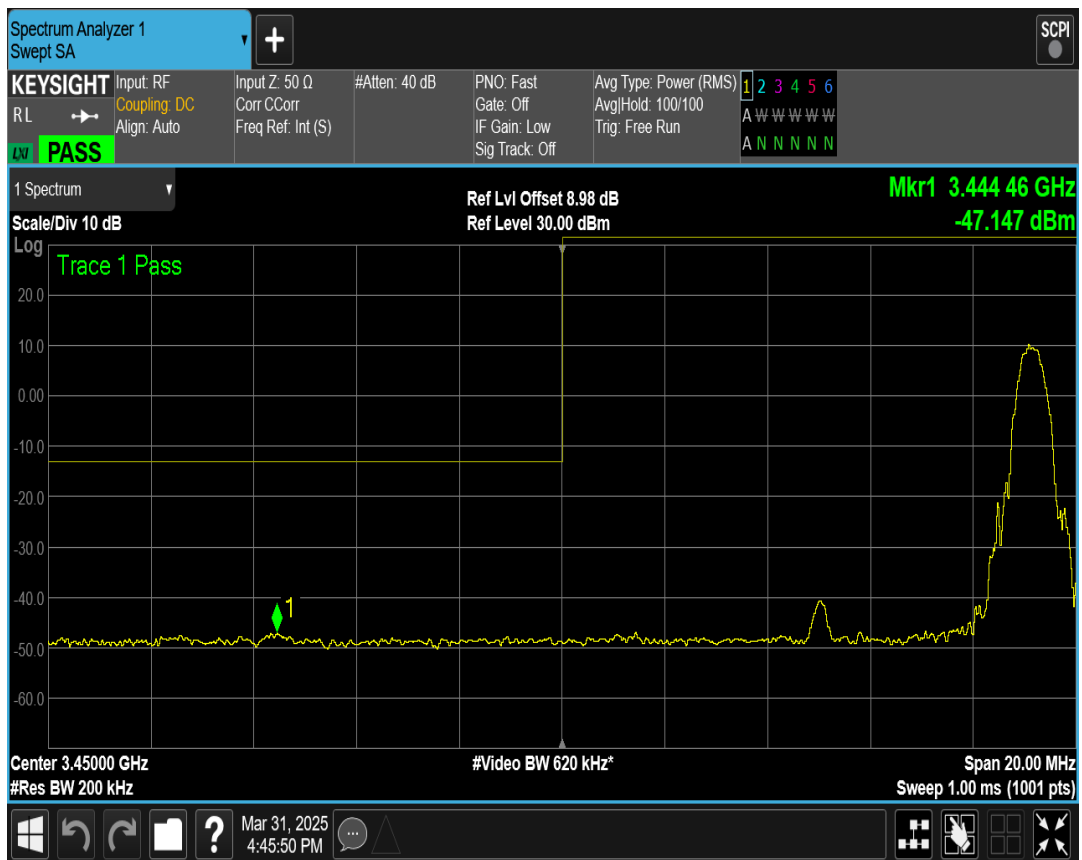
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



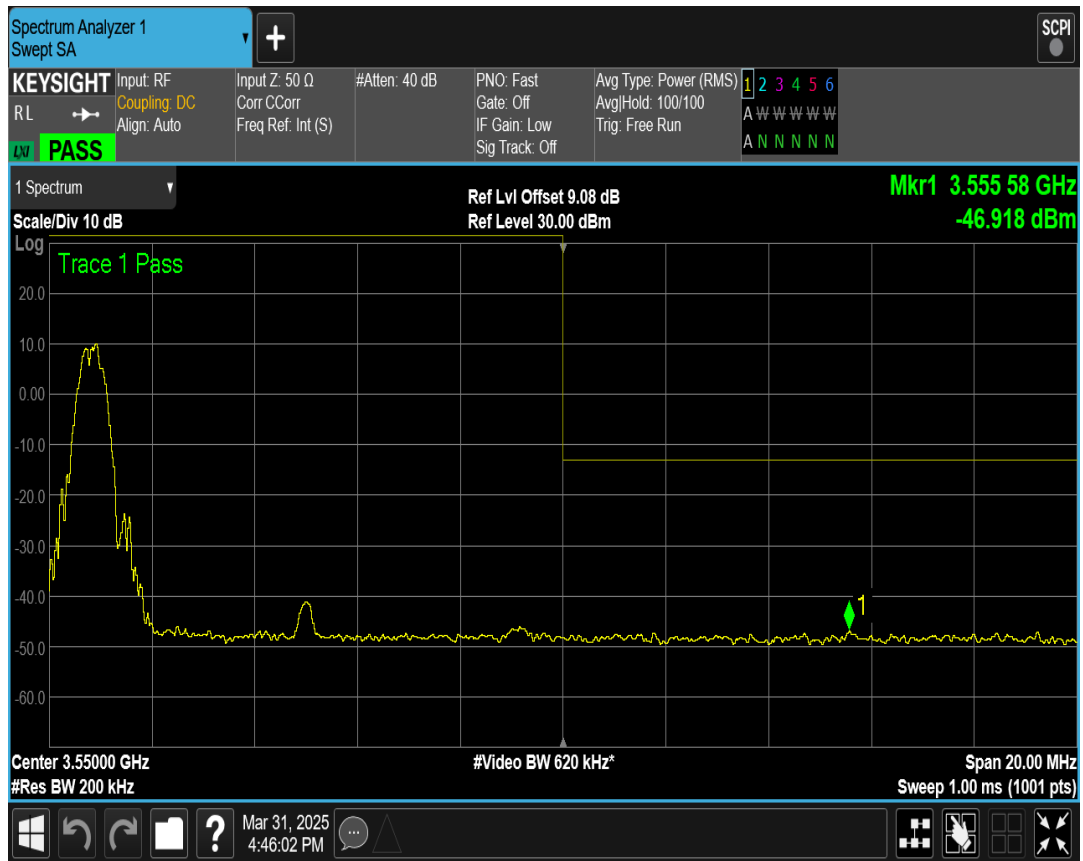
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@0



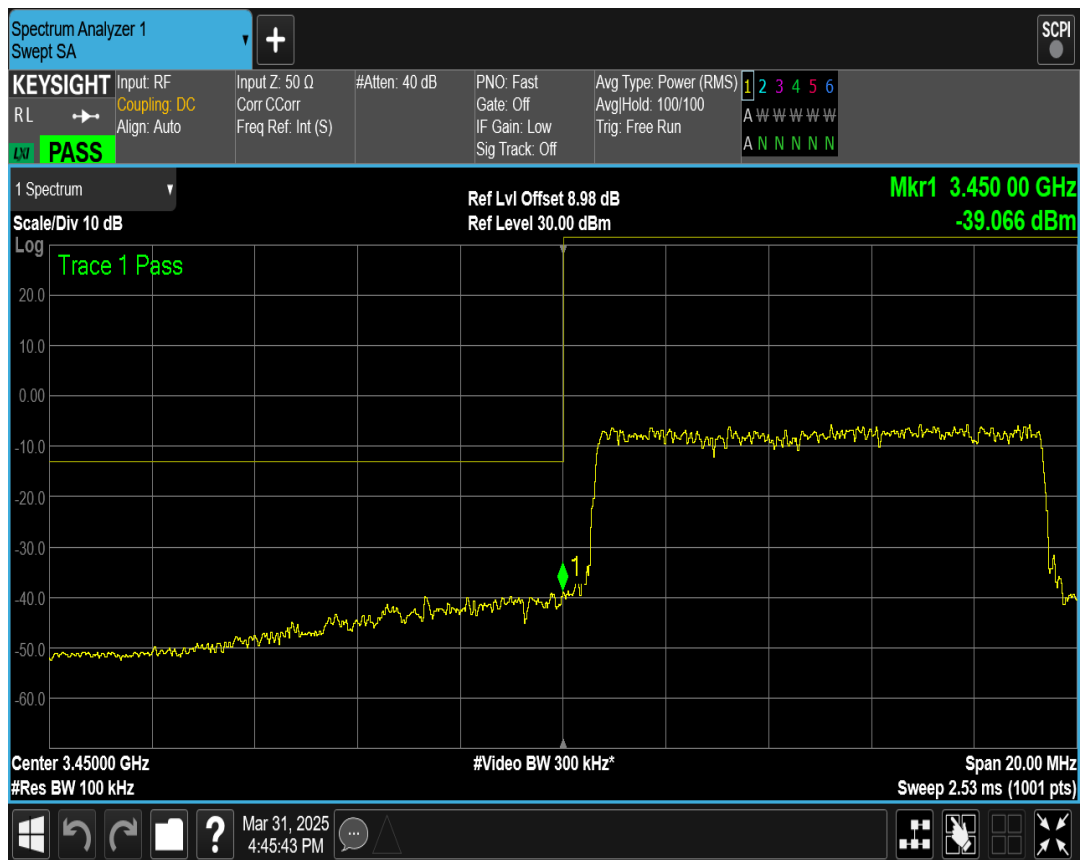
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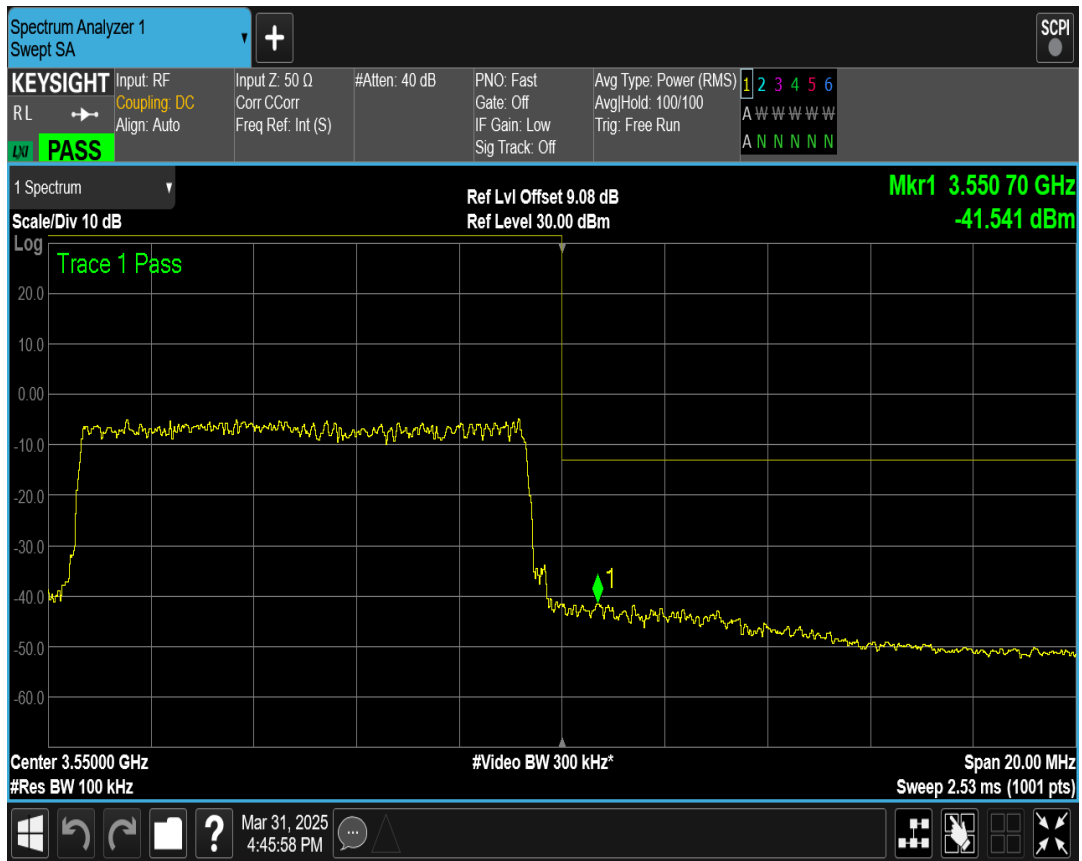
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@0



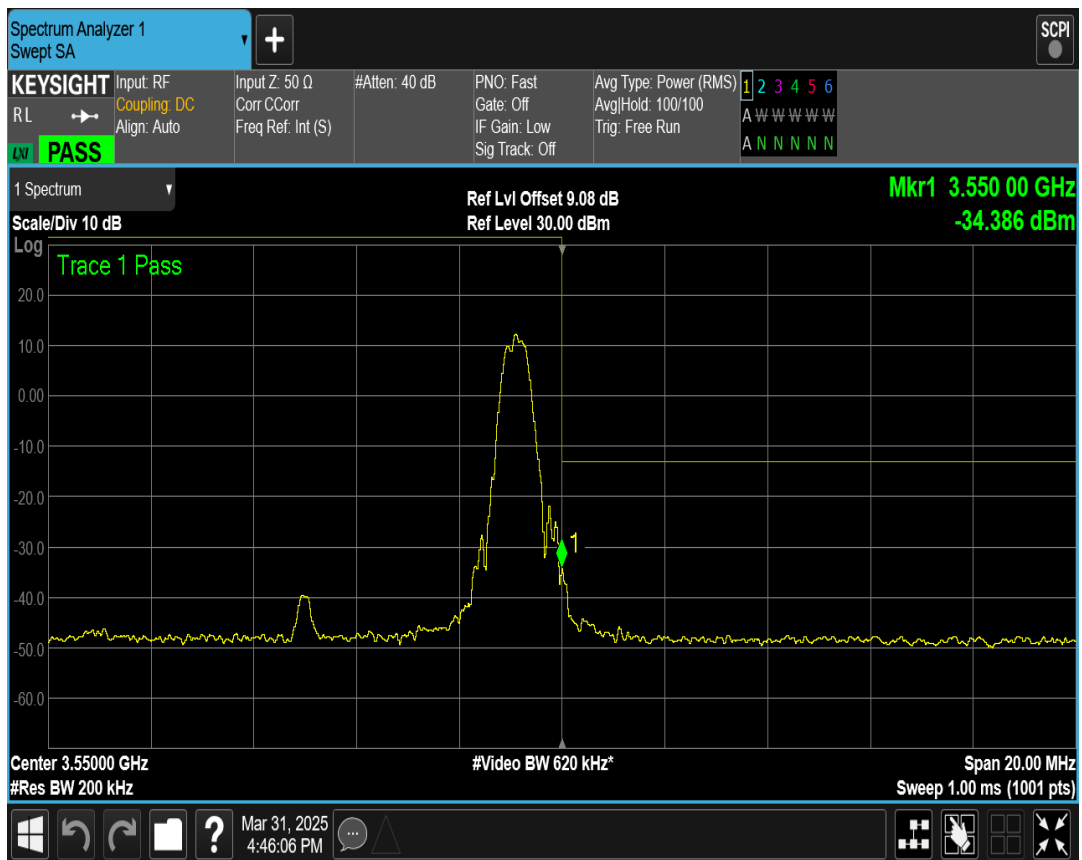
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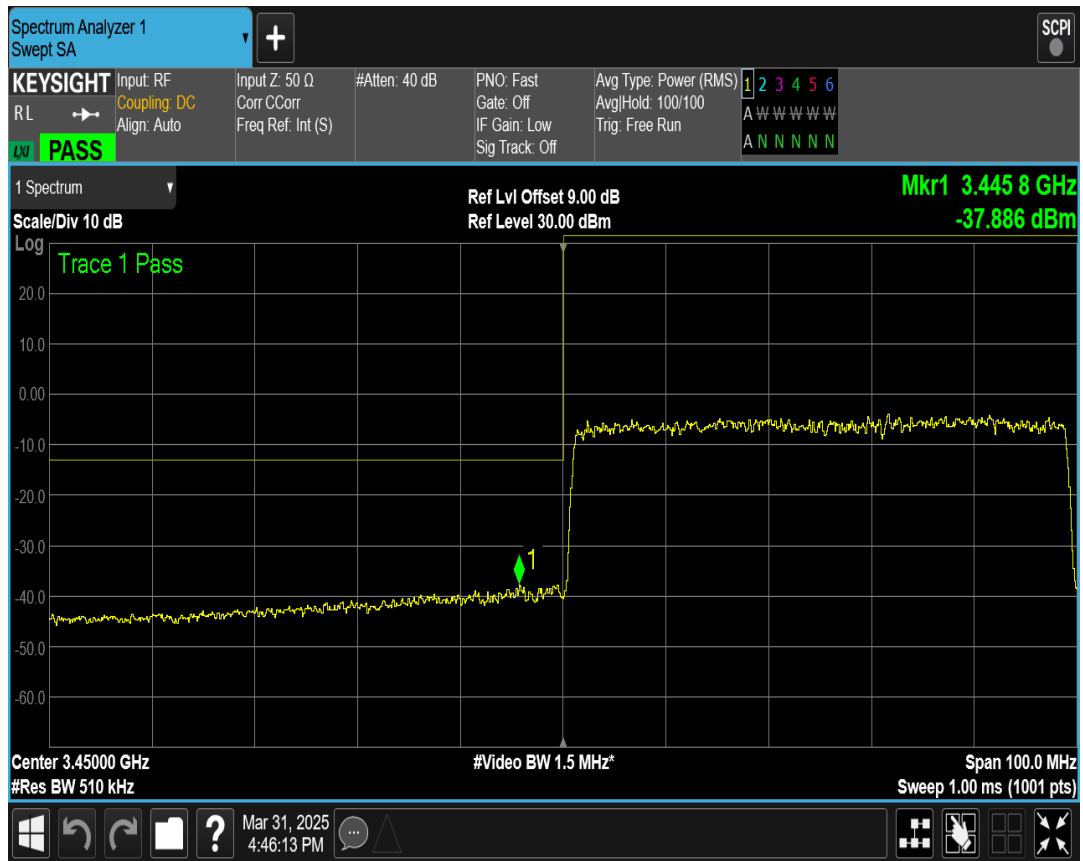
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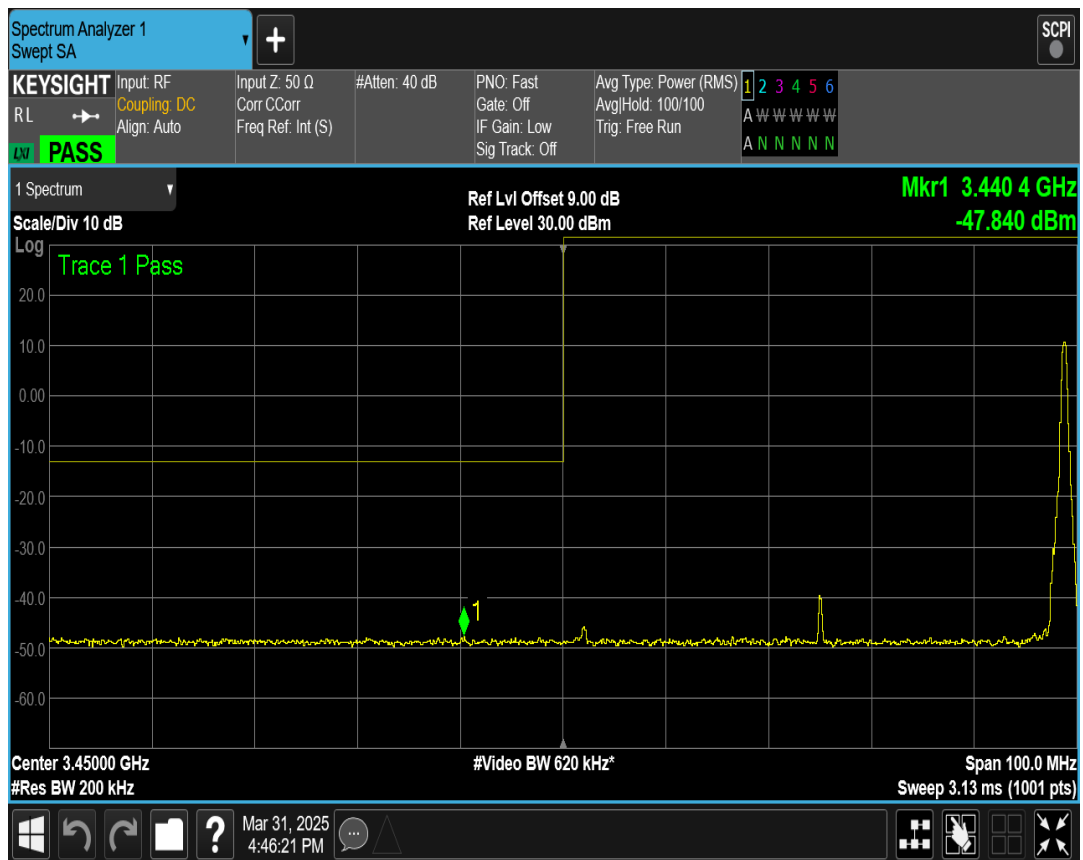
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@23



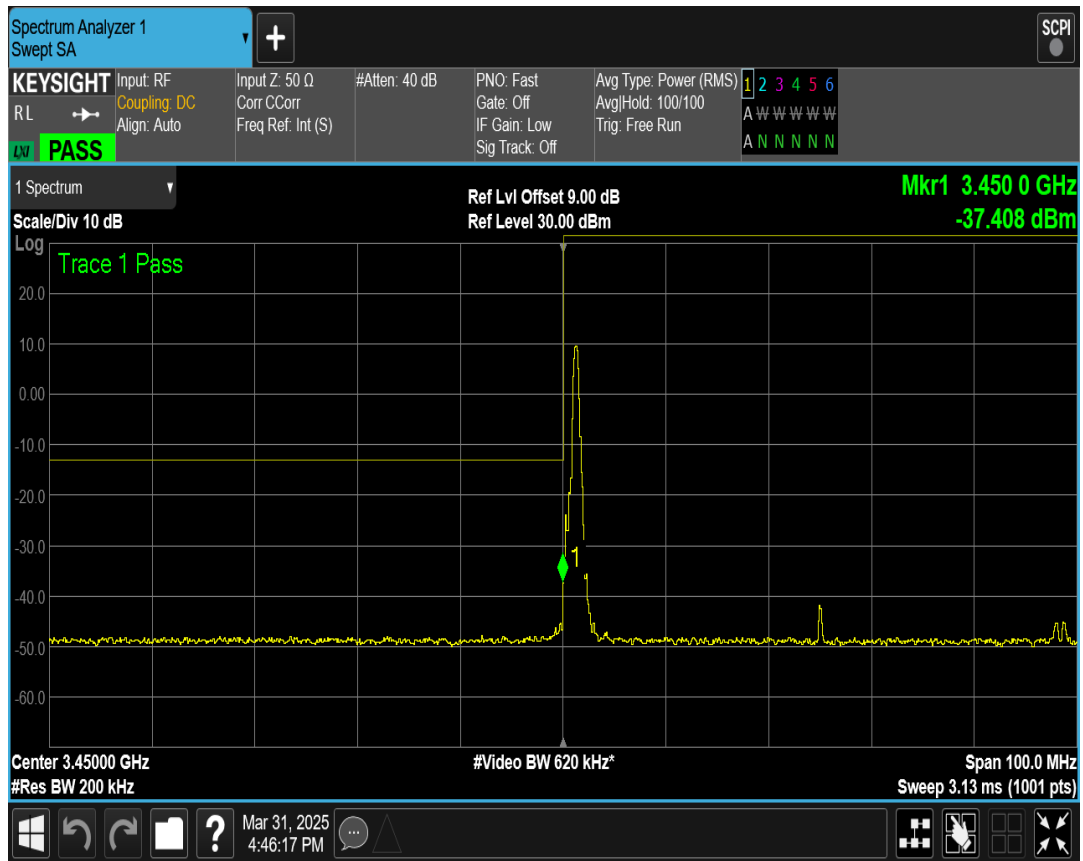
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=133@0



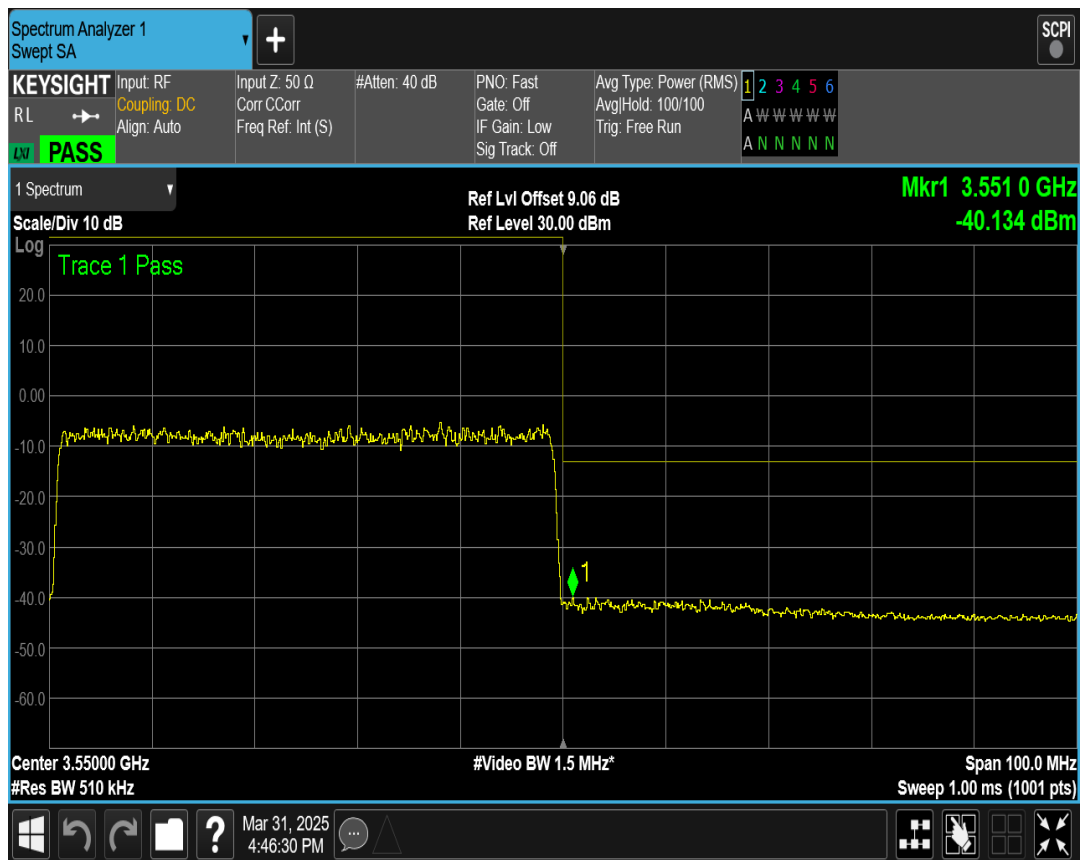
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@132



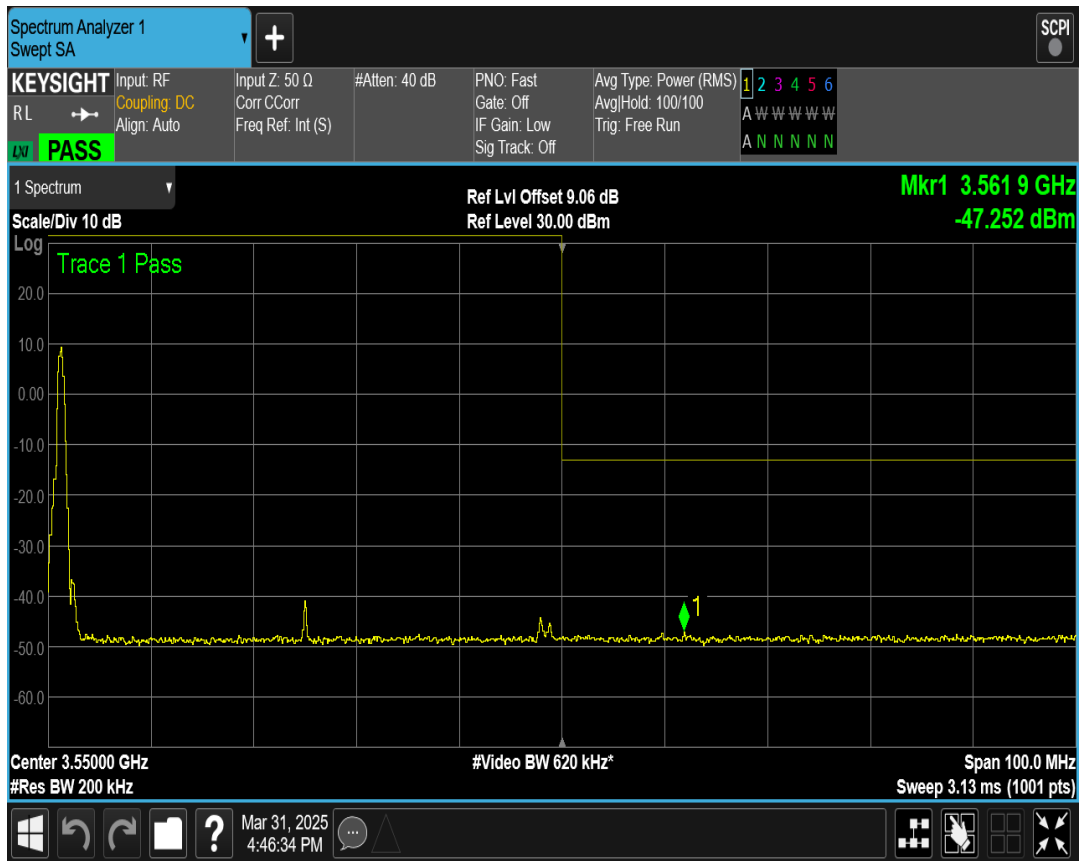
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@0



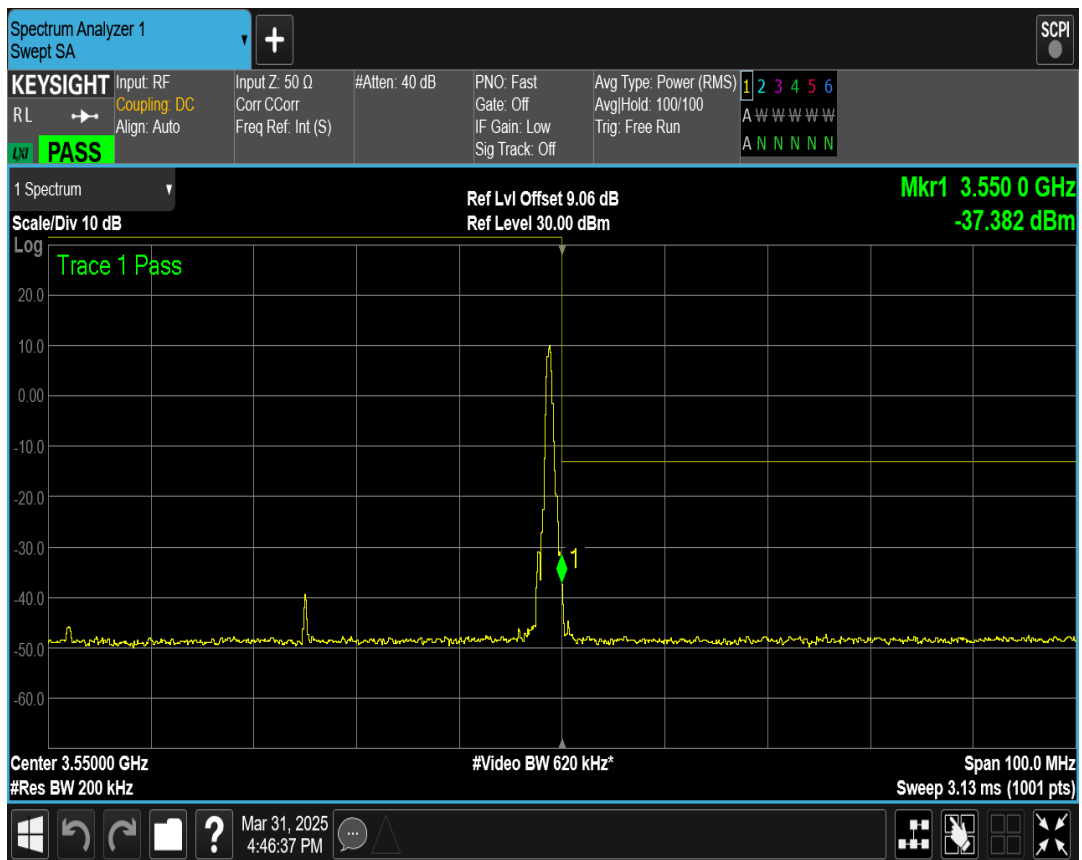
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=133@0



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



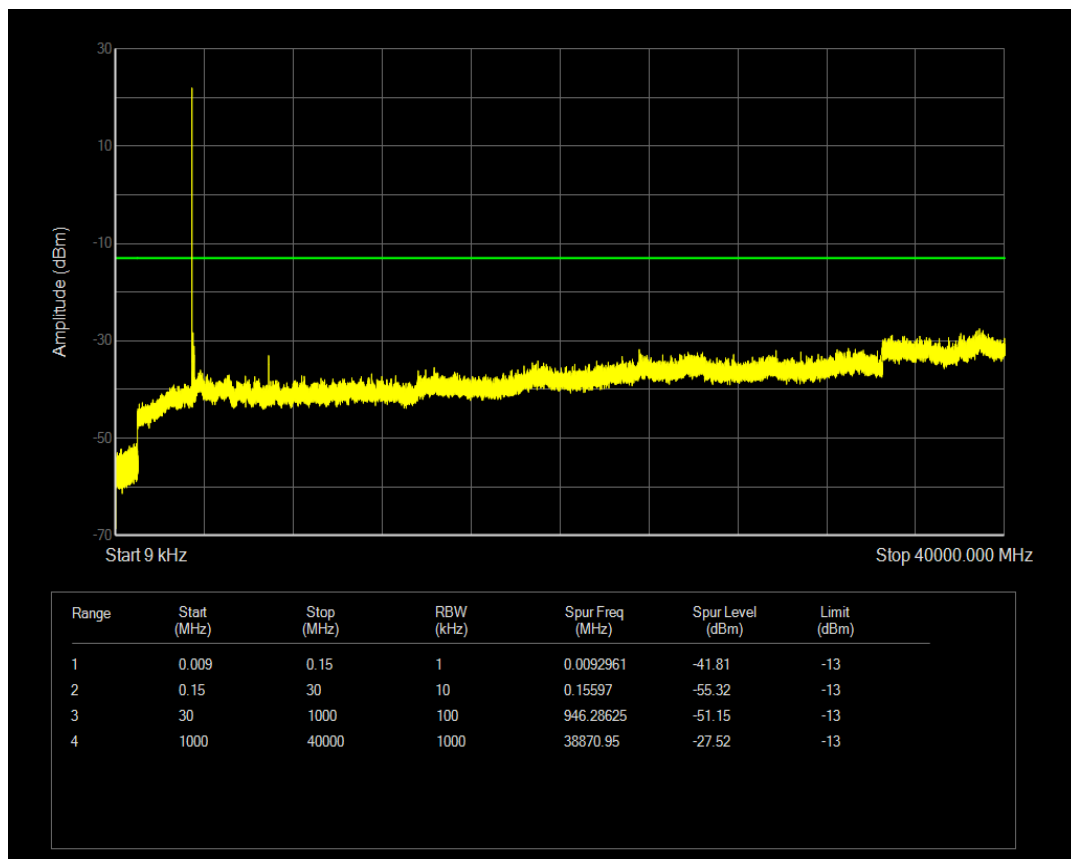
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=1@132



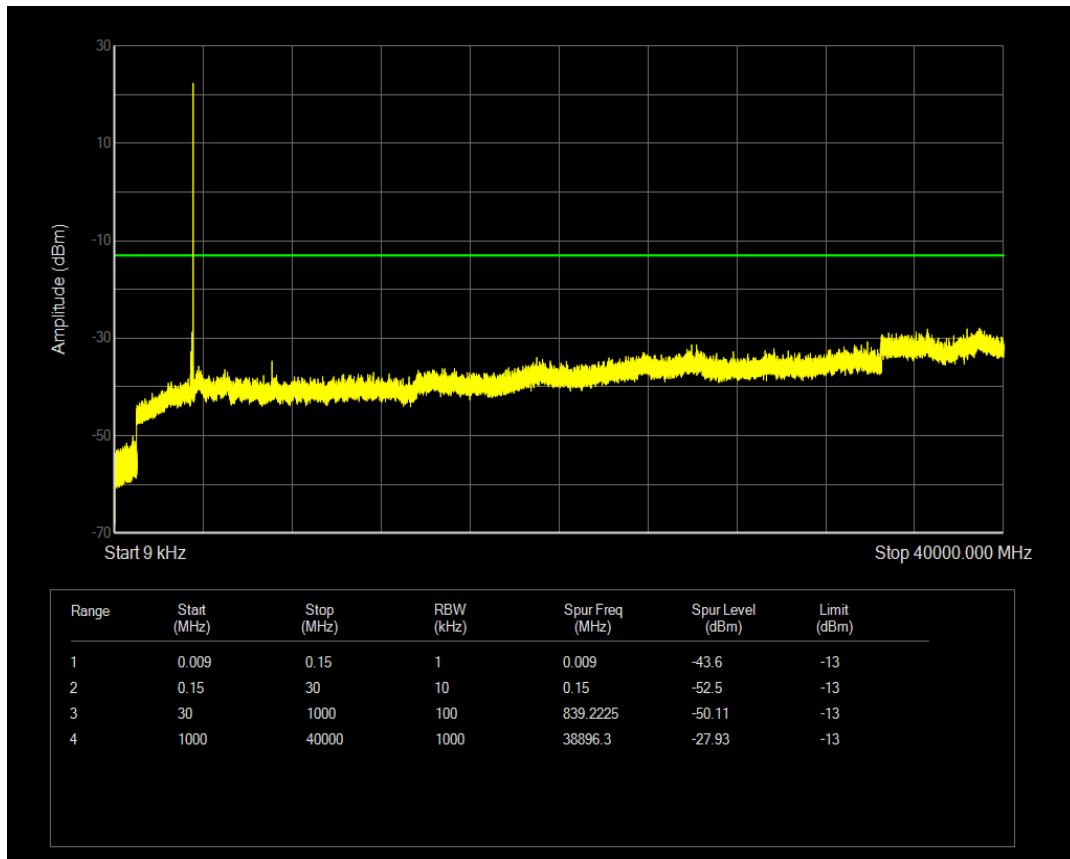
6 Out-of-band emissions for NR FR1

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	38834.88	-27.93	-13	PASS
n77(3450-3550)	30	10	630334	1@0	CP_QPSK	38754.93	-27.18	-13	PASS
n77(3450-3550)	30	10	630334	1@23	CP_QPSK	38891.43	-27.56	-13	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	38856.33	-26.71	-13	PASS
n77(3450-3550)	30	10	636332	1@0	CP_QPSK	38963.58	-27.56	-13	PASS
n77(3450-3550)	30	10	636332	1@23	CP_QPSK	34869.55	-27.90	-13	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	38868.03	-27.43	-13	PASS
n77(3450-3550)	30	50	631668	1@0	CP_QPSK	38797.83	-26.33	-13	PASS
n77(3450-3550)	30	50	631668	1@132	CP_QPSK	38768.58	-27.98	-13	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	38838.78	-27.34	-13	PASS
n77(3450-3550)	30	50	635000	1@0	CP_QPSK	38866.08	-27.89	-13	PASS
n77(3450-3550)	30	50	635000	1@132	CP_QPSK	38512.15	-28.02	-13	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	38912.88	-27.79	-13	PASS
n77(3450-3550)	30	100	633334	1@0	CP_QPSK	38870.95	-27.52	-13	PASS
n77(3450-3550)	30	100	633334	1@272	CP_QPSK	38896.30	-27.93	-13	PASS

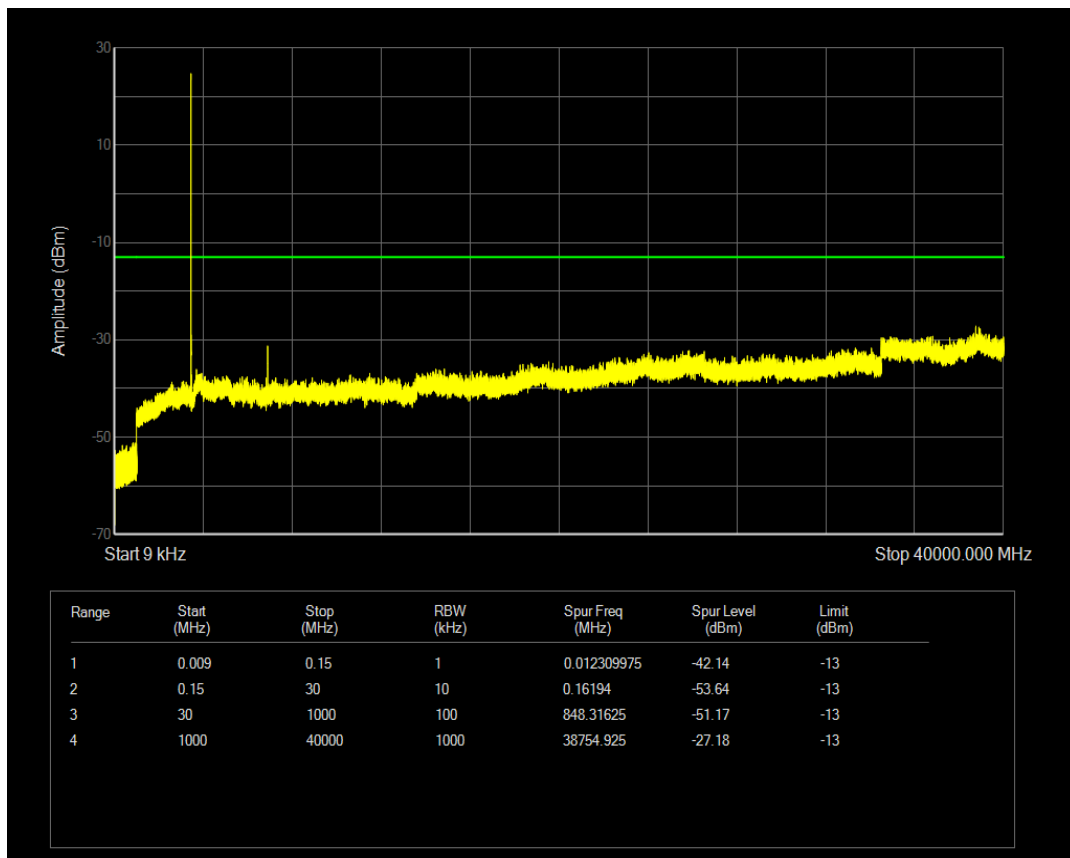
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@0



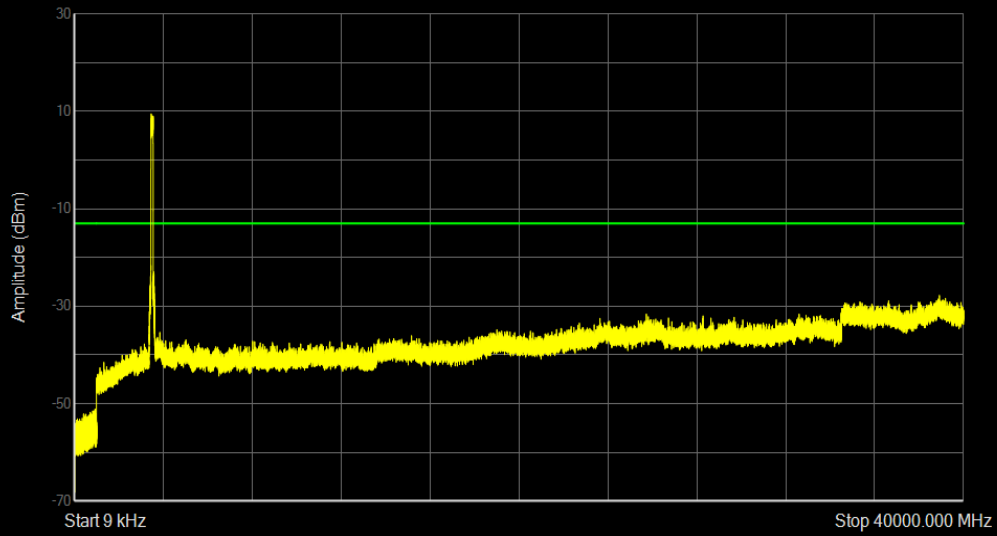
n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=1@272



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

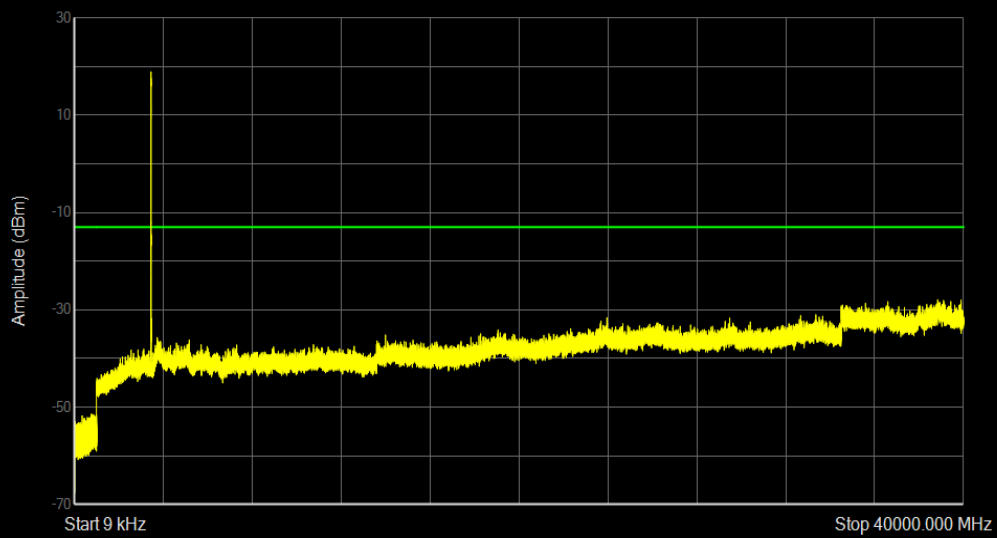


n77(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



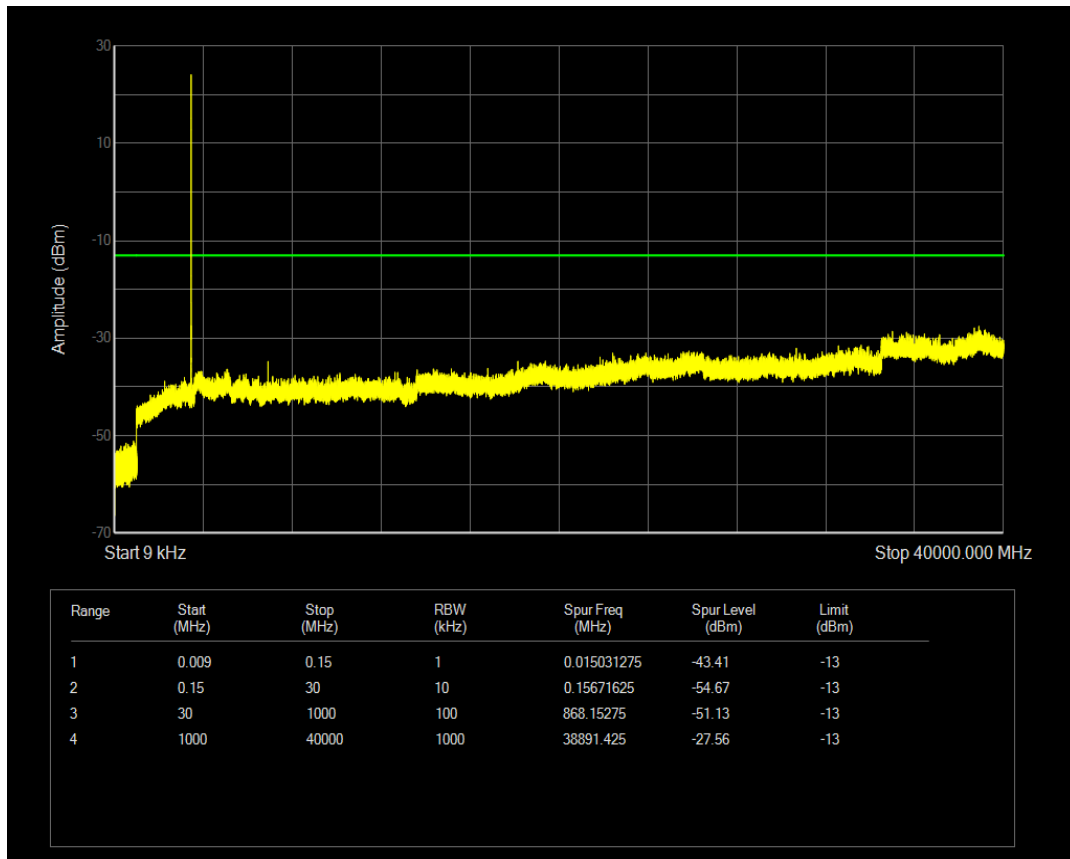
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011287725	-42.95	-13
2	0.15	30	10	0.15074625	-54.52	-13
3	30	1000	100	938.47775	-51.1	-13
4	1000	40000	1000	38912.875	-27.79	-13

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

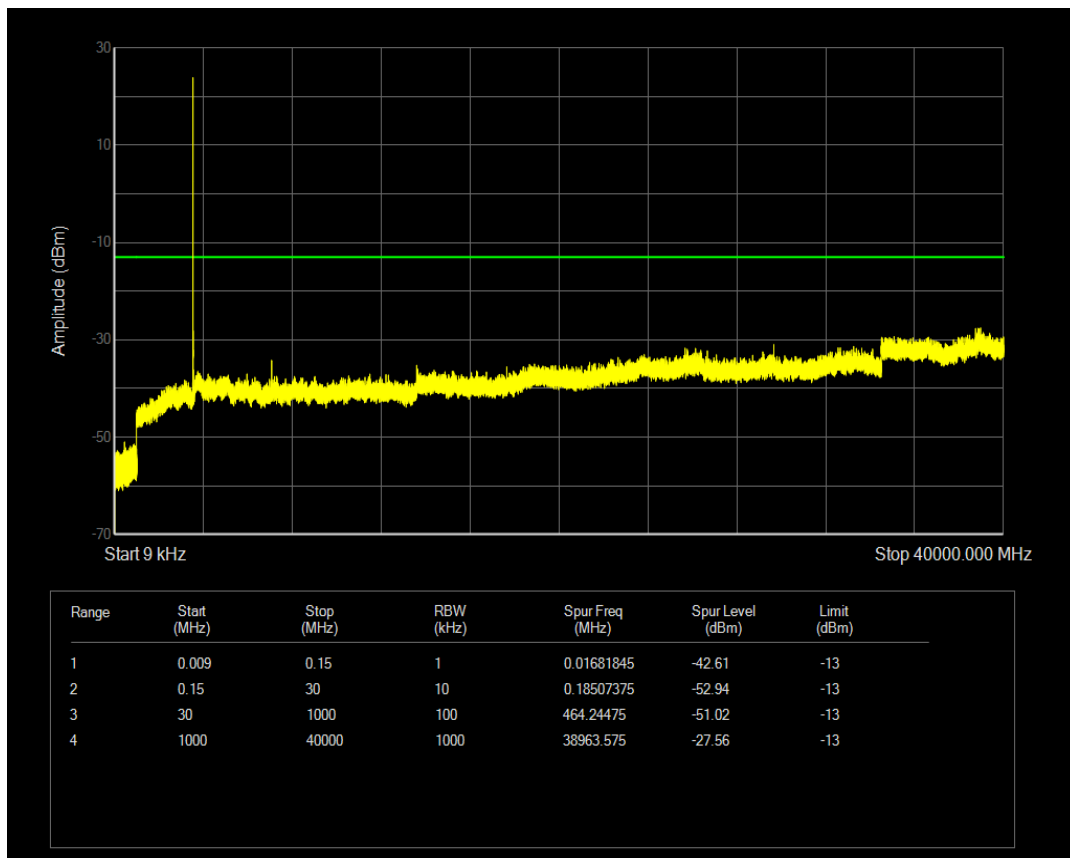


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010907025	-43.4	-13
2	0.15	30	10	0.16791	-53.79	-13
3	30	1000	100	781.1195	-51.43	-13
4	1000	40000	1000	38834.875	-27.93	-13

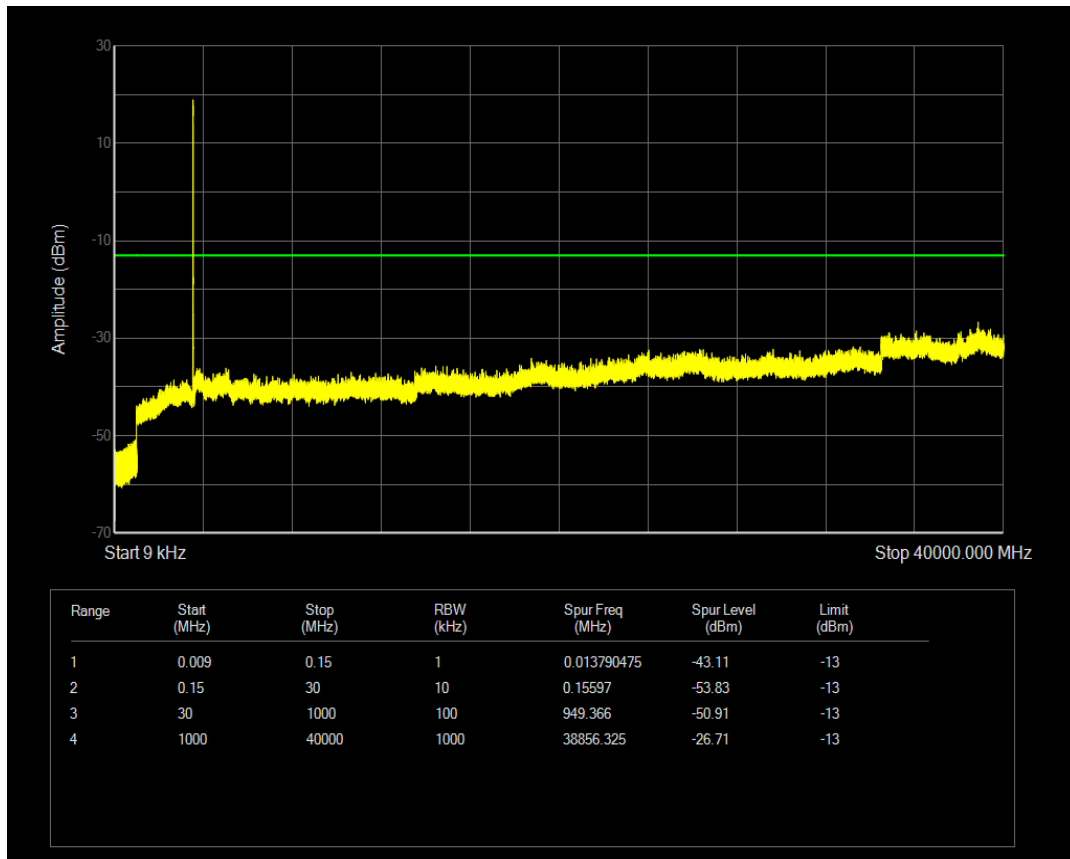
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=1@23



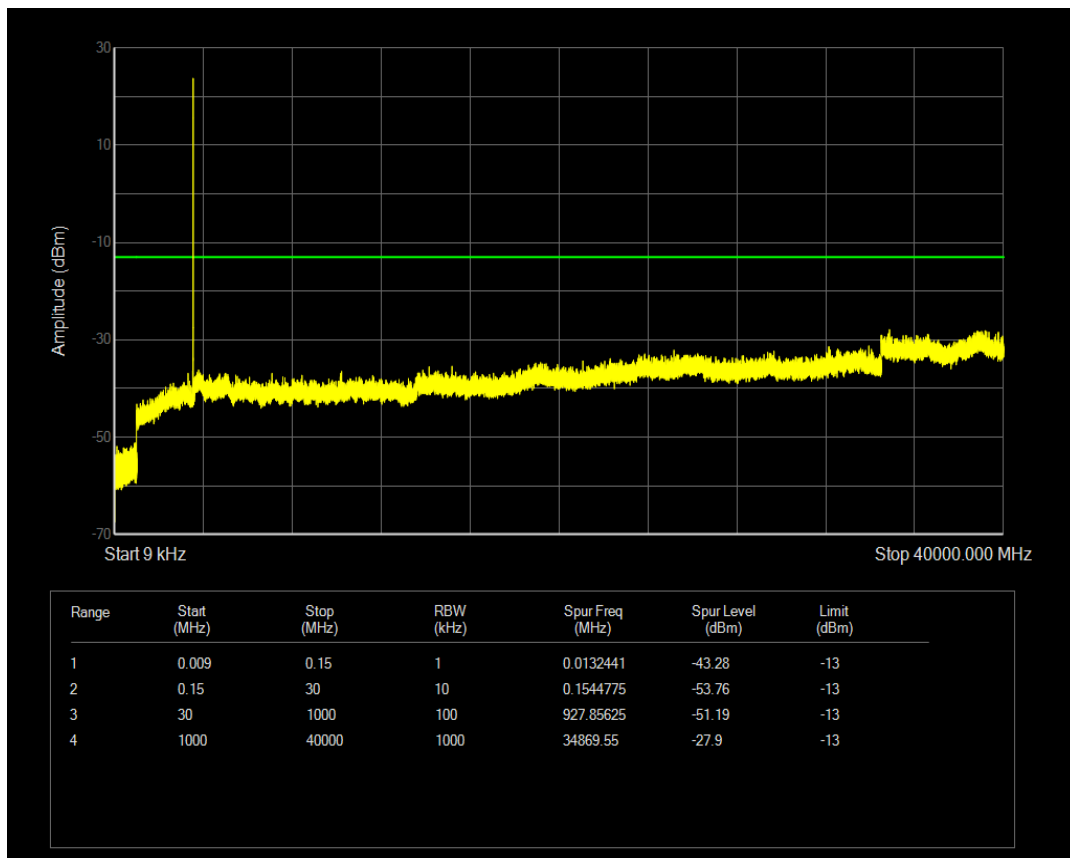
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@0



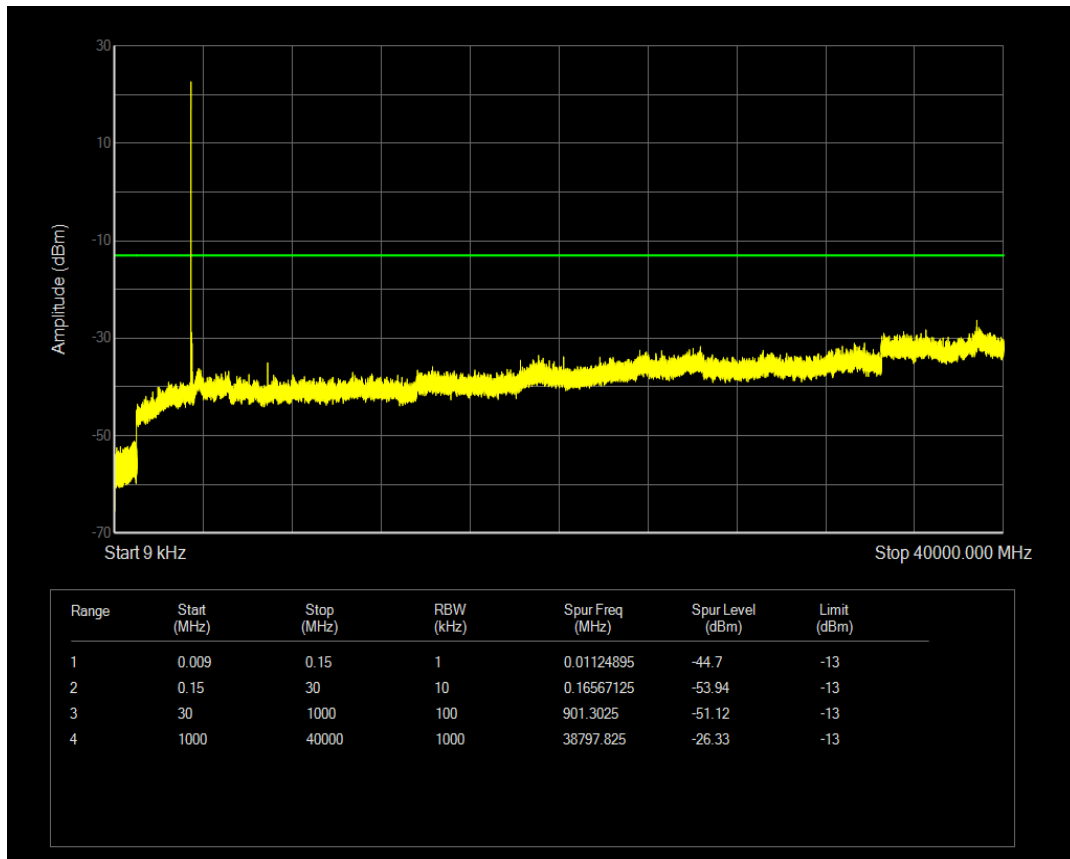
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



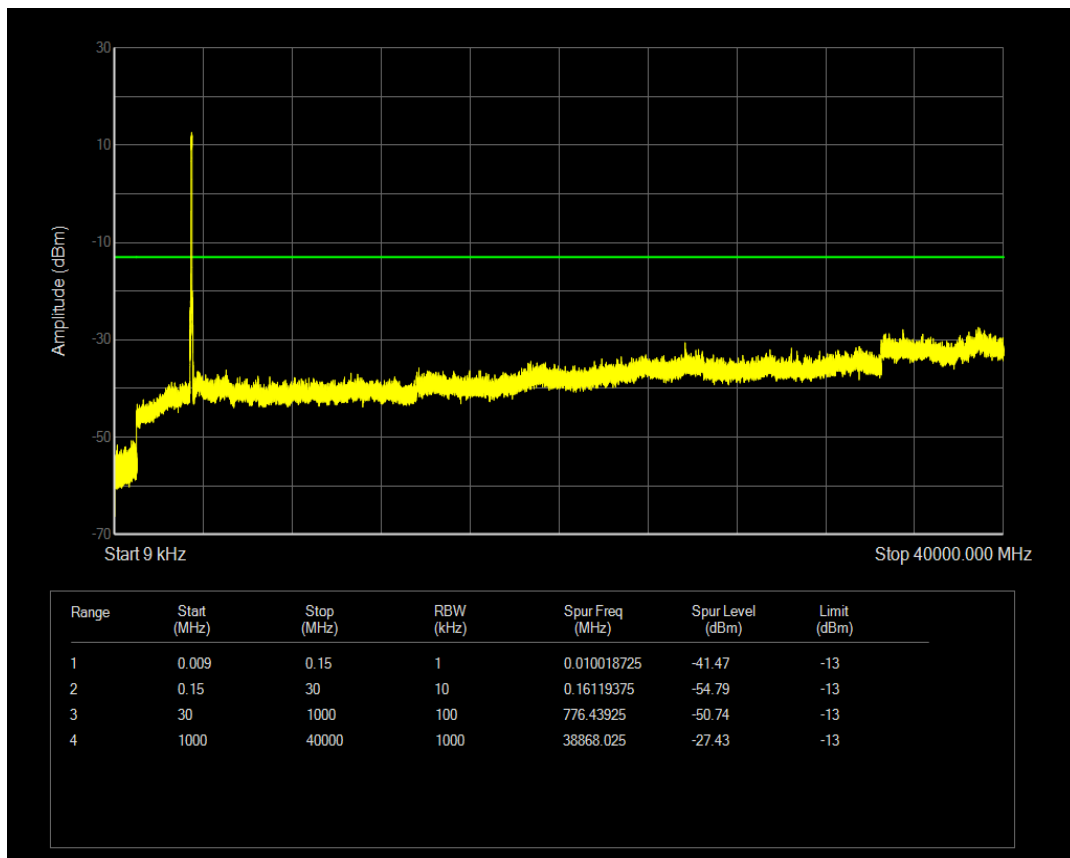
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=1@23



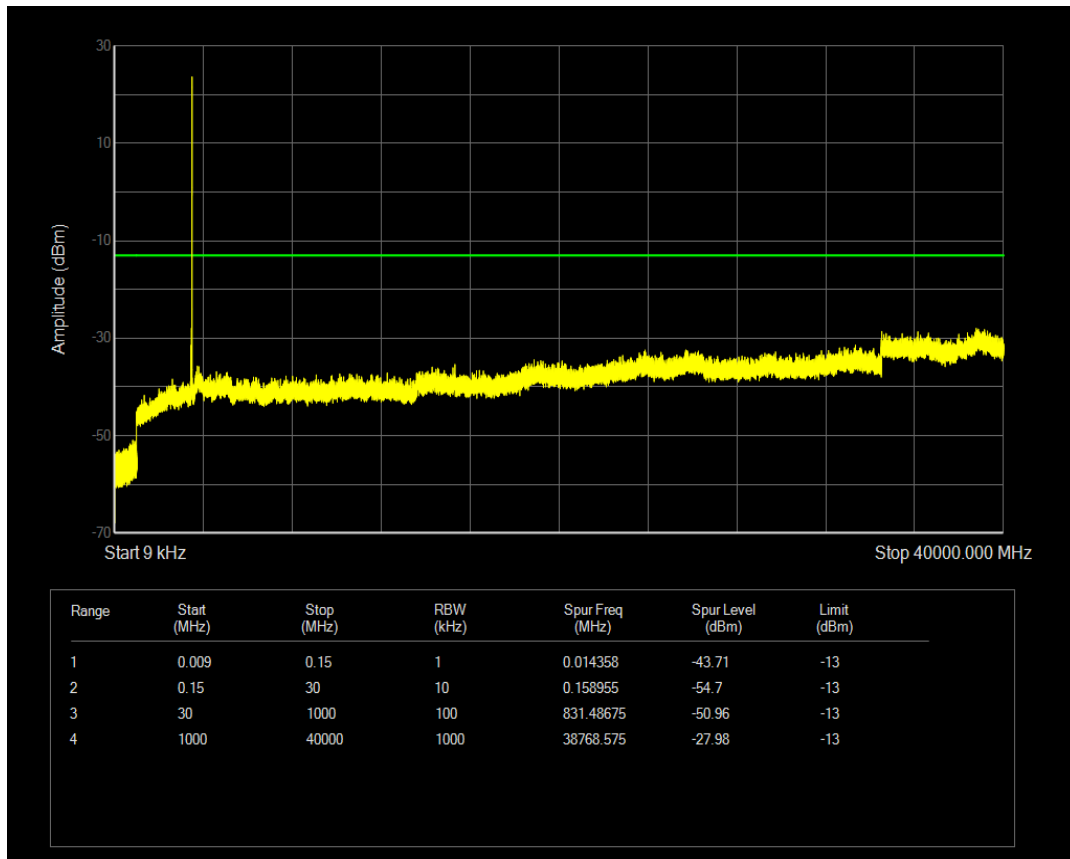
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@0



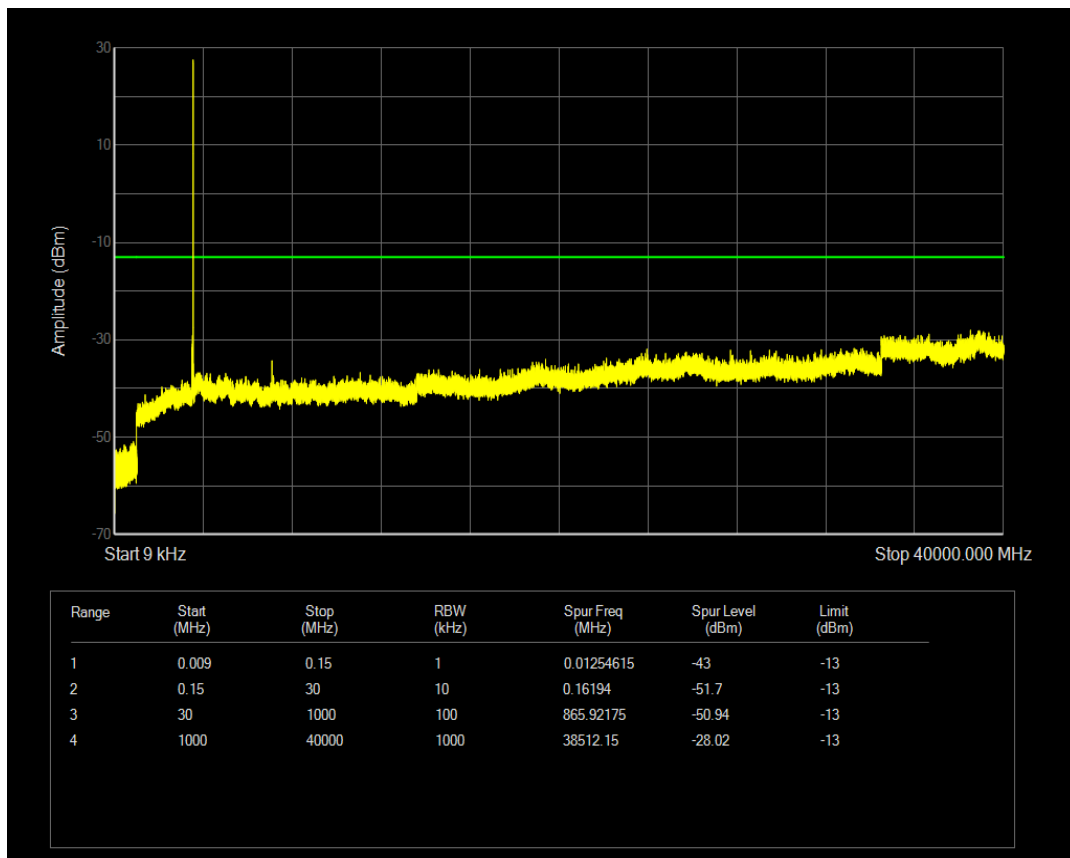
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=133@0



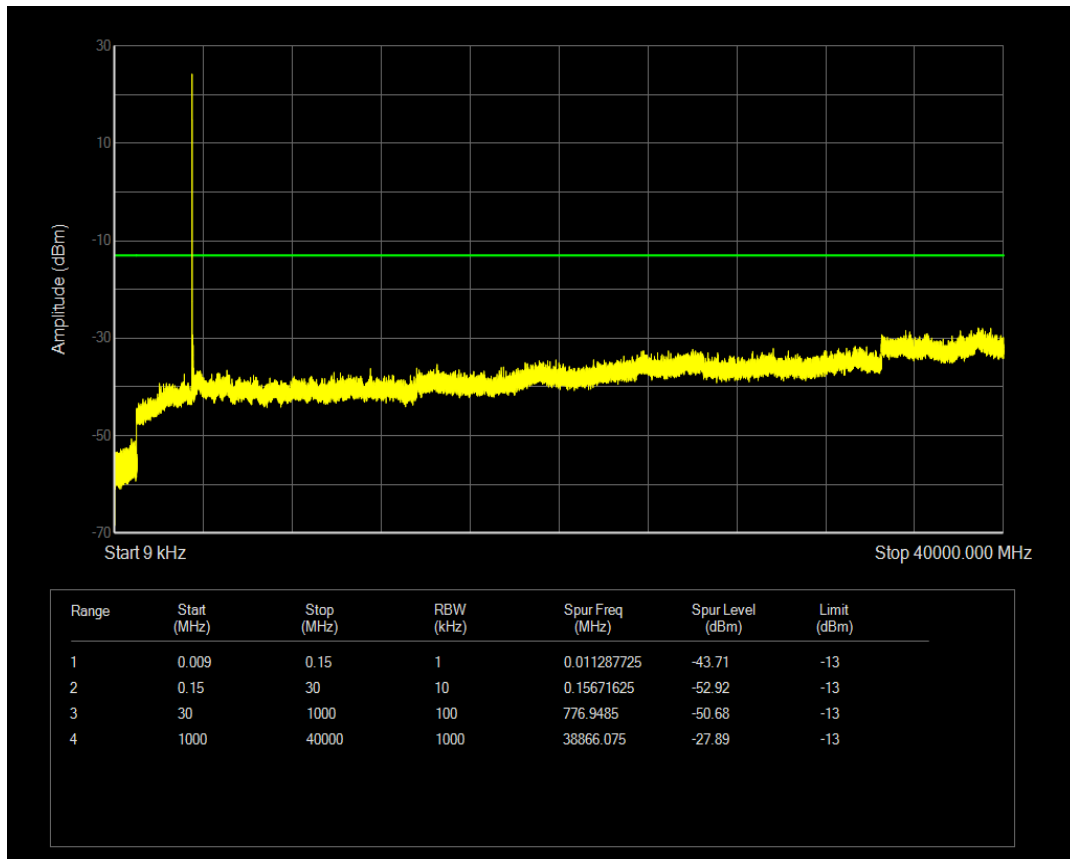
n77(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=631668 RB=1@132



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



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=133@0

