



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=20MHz Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=633334 RB=75@0



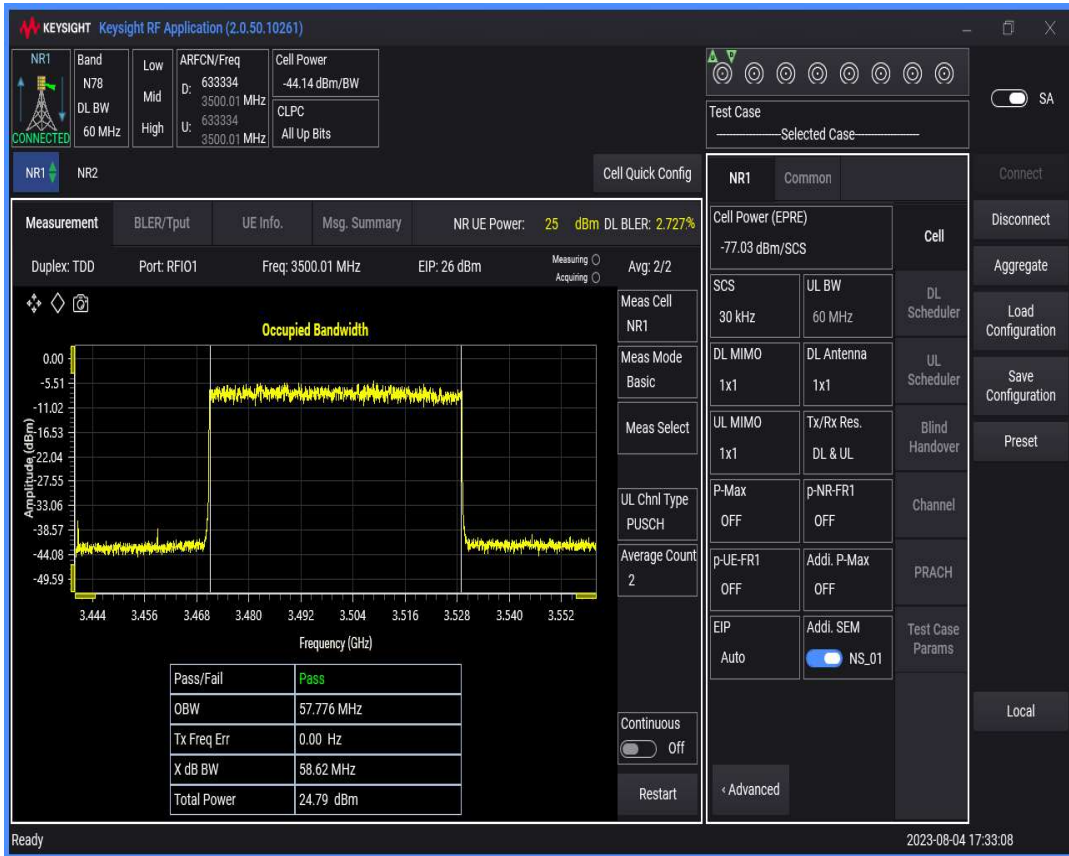
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=70MHz Channel=633334 RB=



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216 @0





n78(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



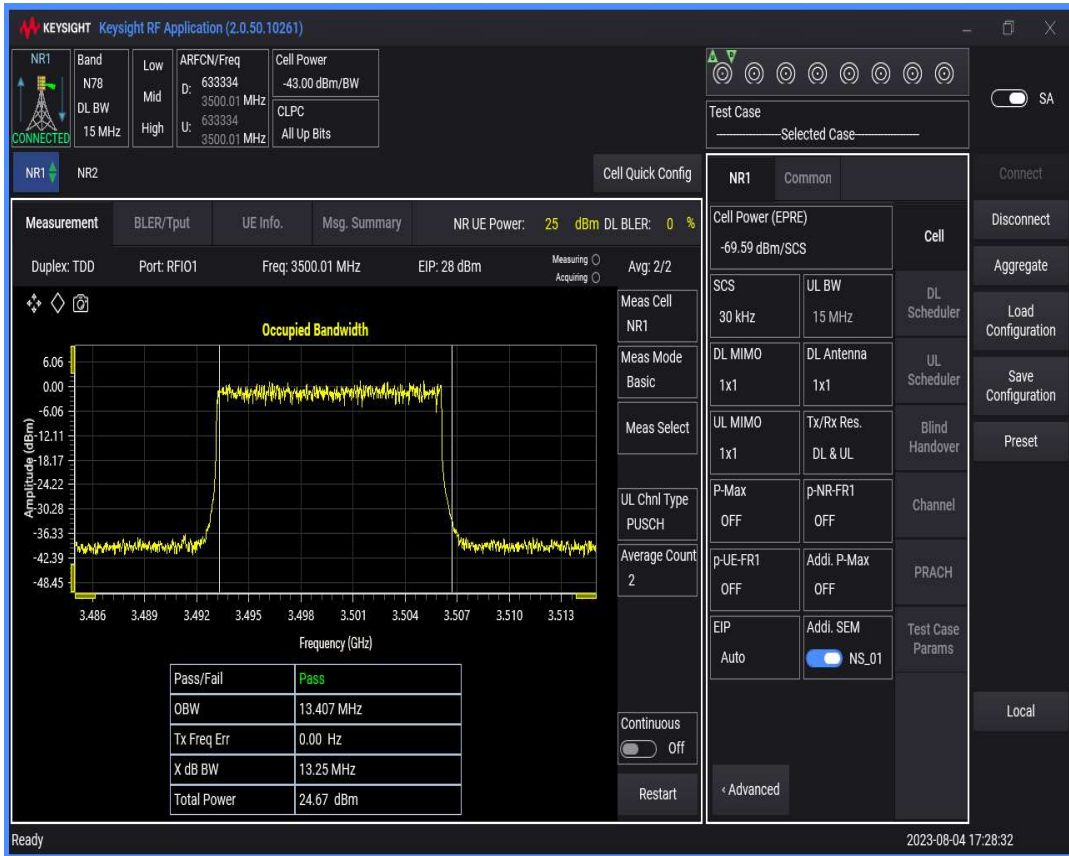
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n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=75@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=128@0





n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=633334 RB=



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=50@0





n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=75 @0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=100 @0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=633334 RB=



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216 @0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633334 RB=270@0





n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=633334 RB=





n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75 @0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100 @0





n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=633334 RB=



n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216 @0



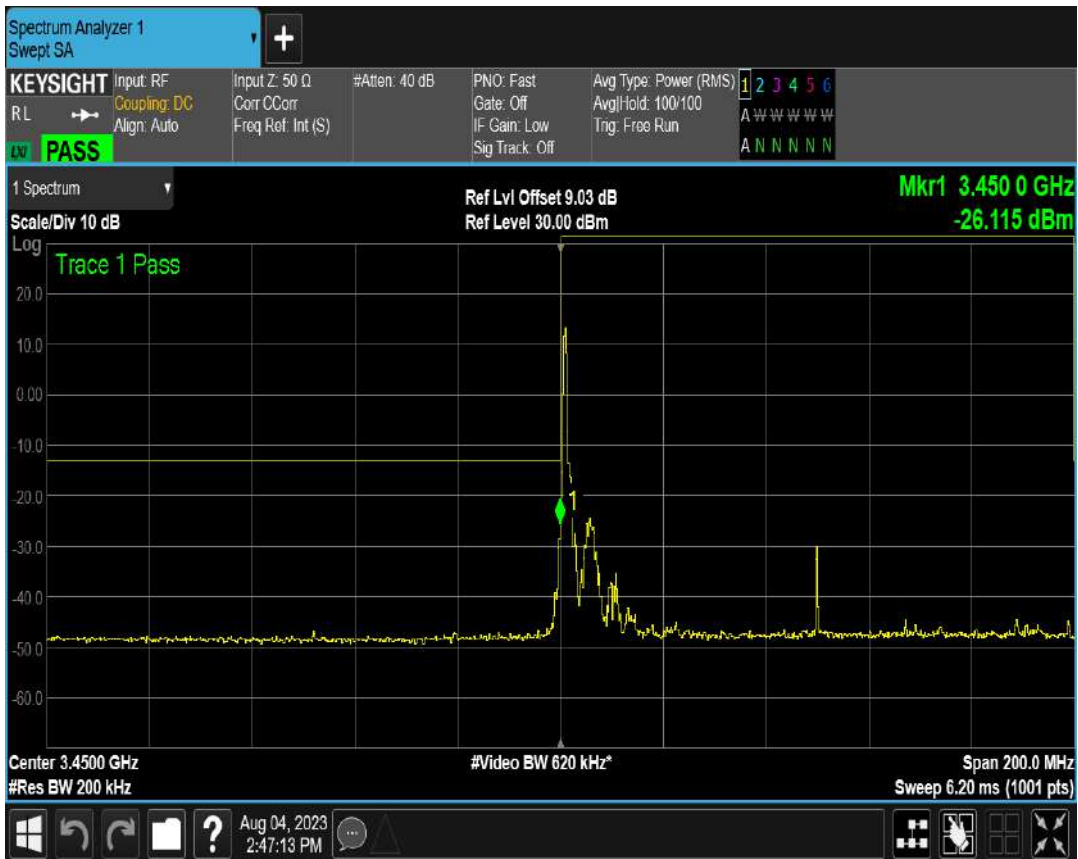
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



5 Band edge for NR FR1

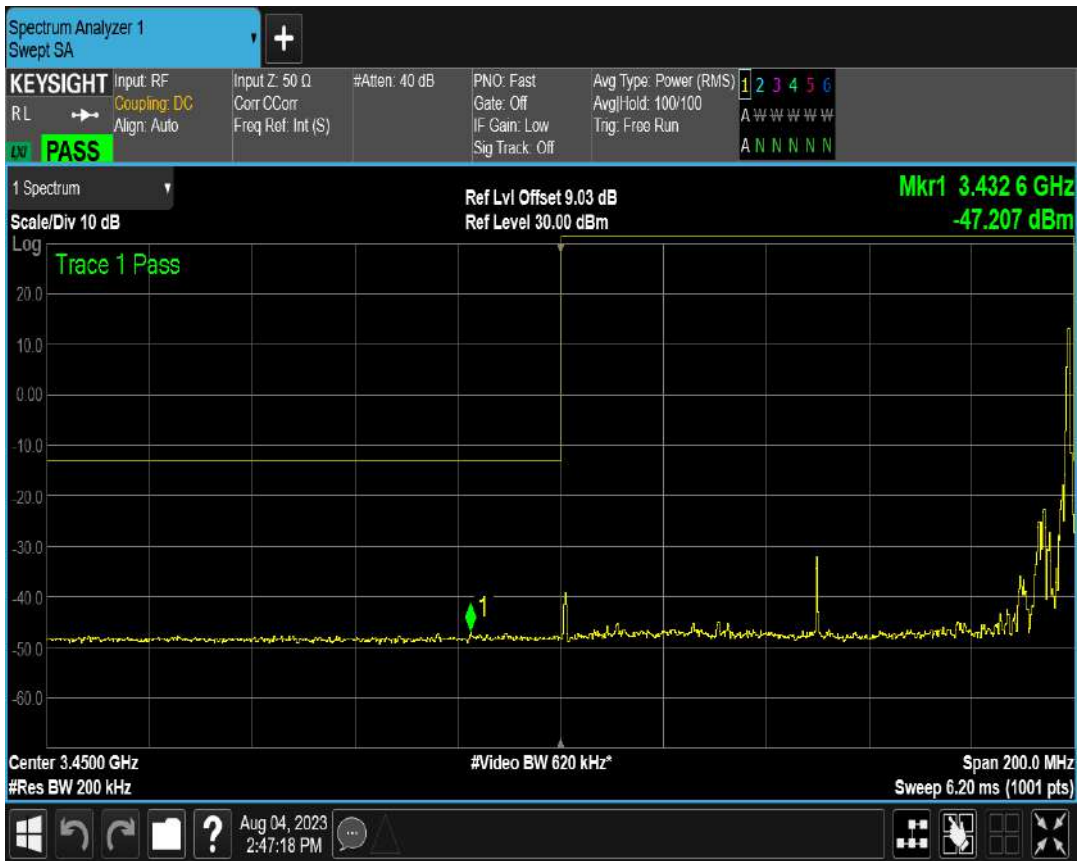
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	3449.86	-37.38	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP_QPSK	3449.98	-26.50	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP_QPSK	3446.28	-42.17	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	3550.02	-37.70	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP_QPSK	3551.46	-41.38	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP_QPSK	3550.10	-22.88	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	3446.40	-36.63	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP_QPSK	3449.90	-30.40	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP_QPSK	3444.00	-46.63	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	3550.10	-34.32	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP_QPSK	3556.00	-46.64	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP_QPSK	3550.10	-26.39	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	3450.00	-24.05	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP_QPSK	3450.00	-26.11	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP_QPSK	3432.60	-47.20	-13	PASS

n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=1@0

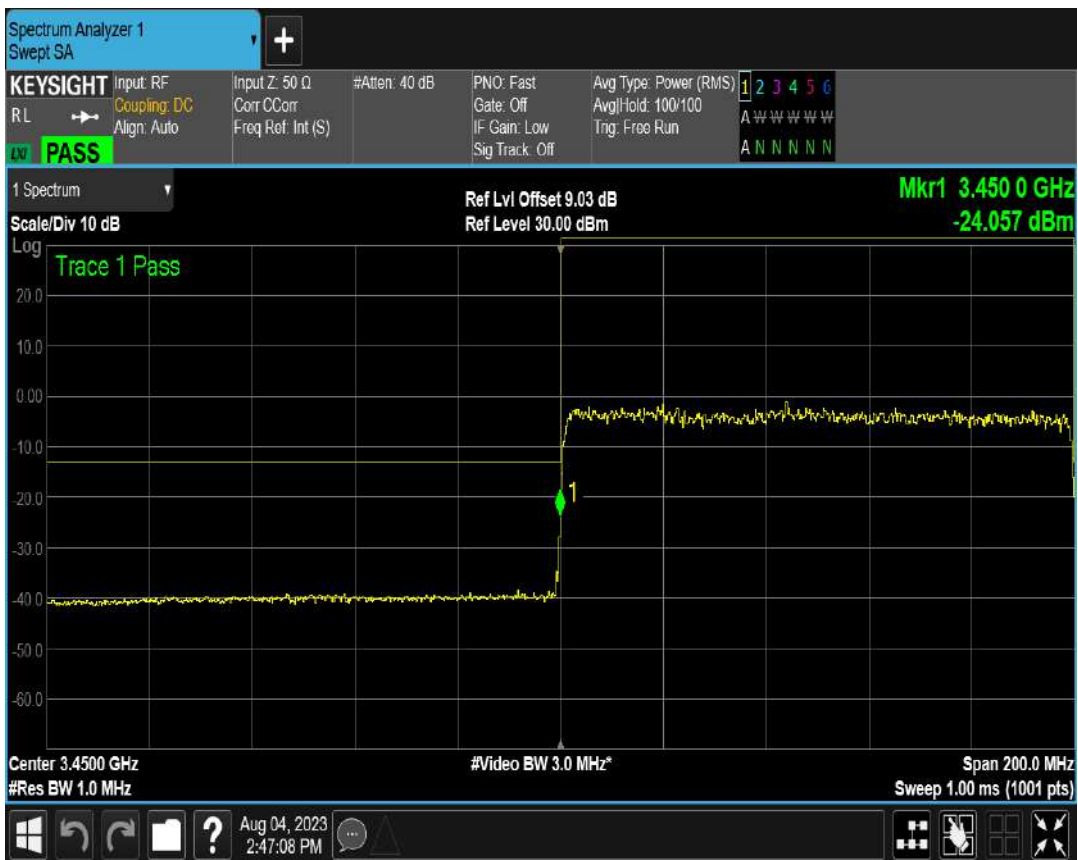


n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=1@272





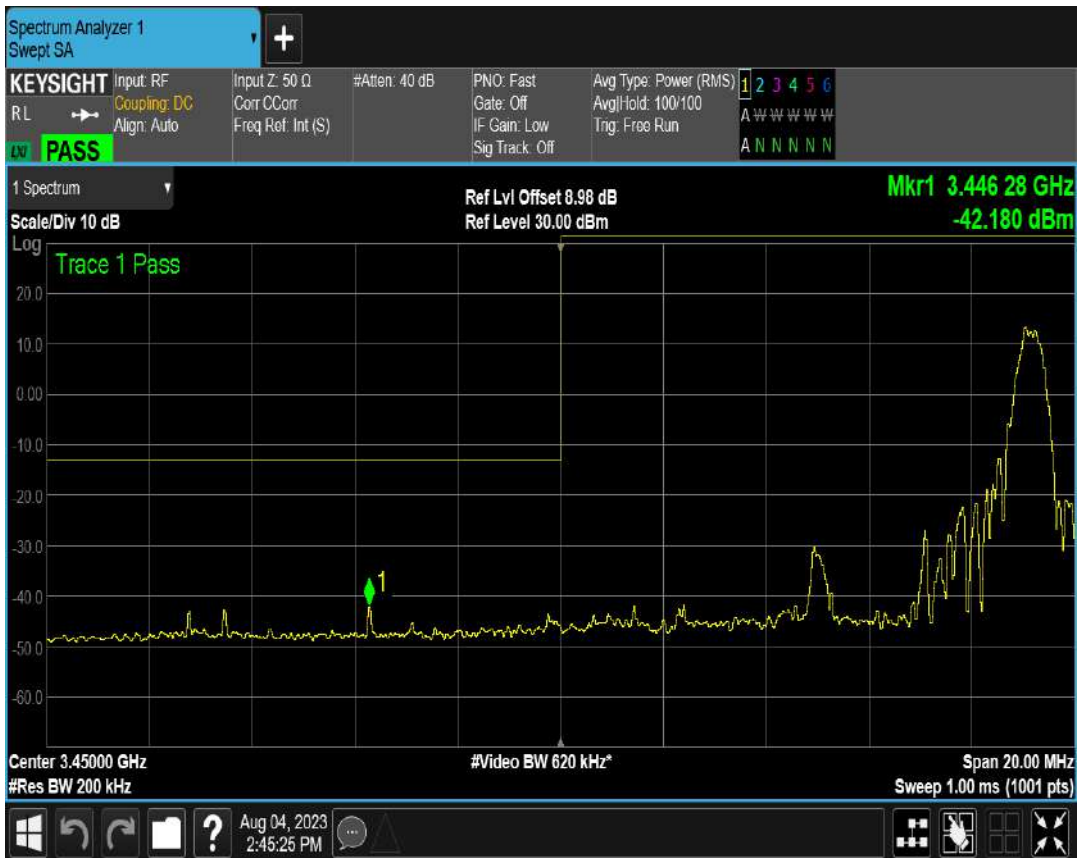
n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=273@0



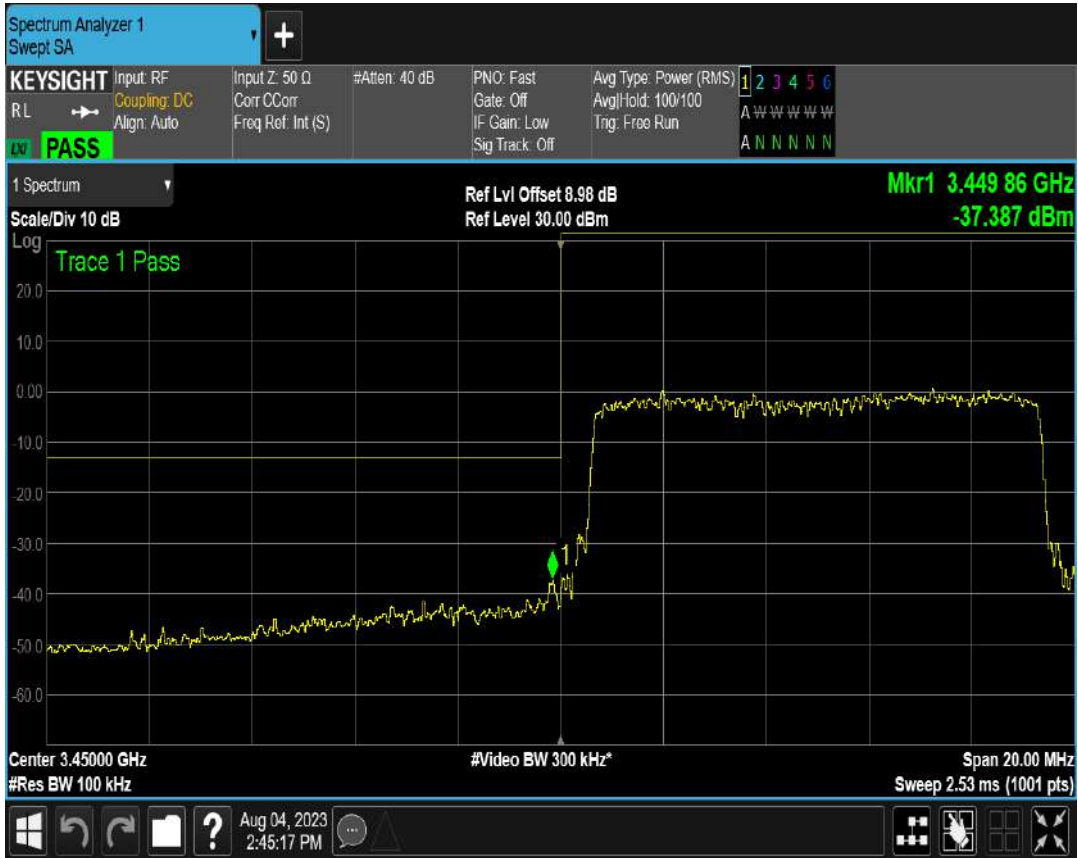
n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=1@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=1@23



n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=24@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=1@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=1@23

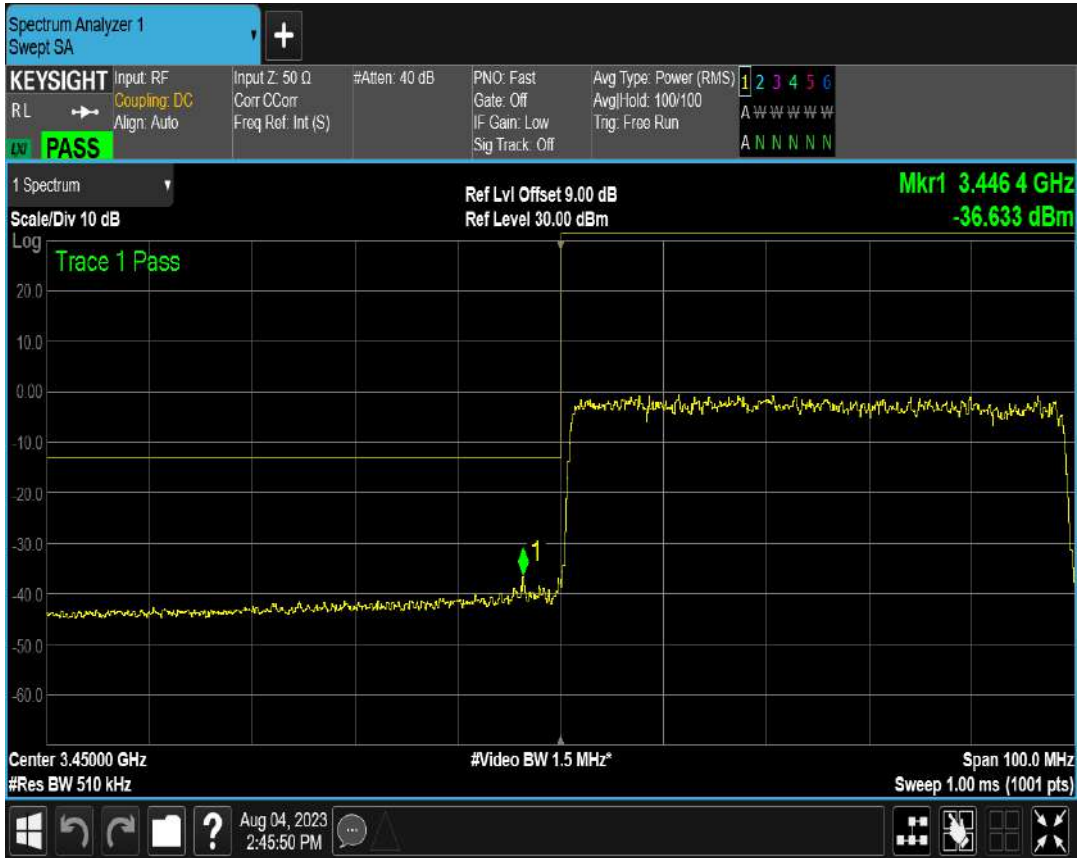


n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=24@0

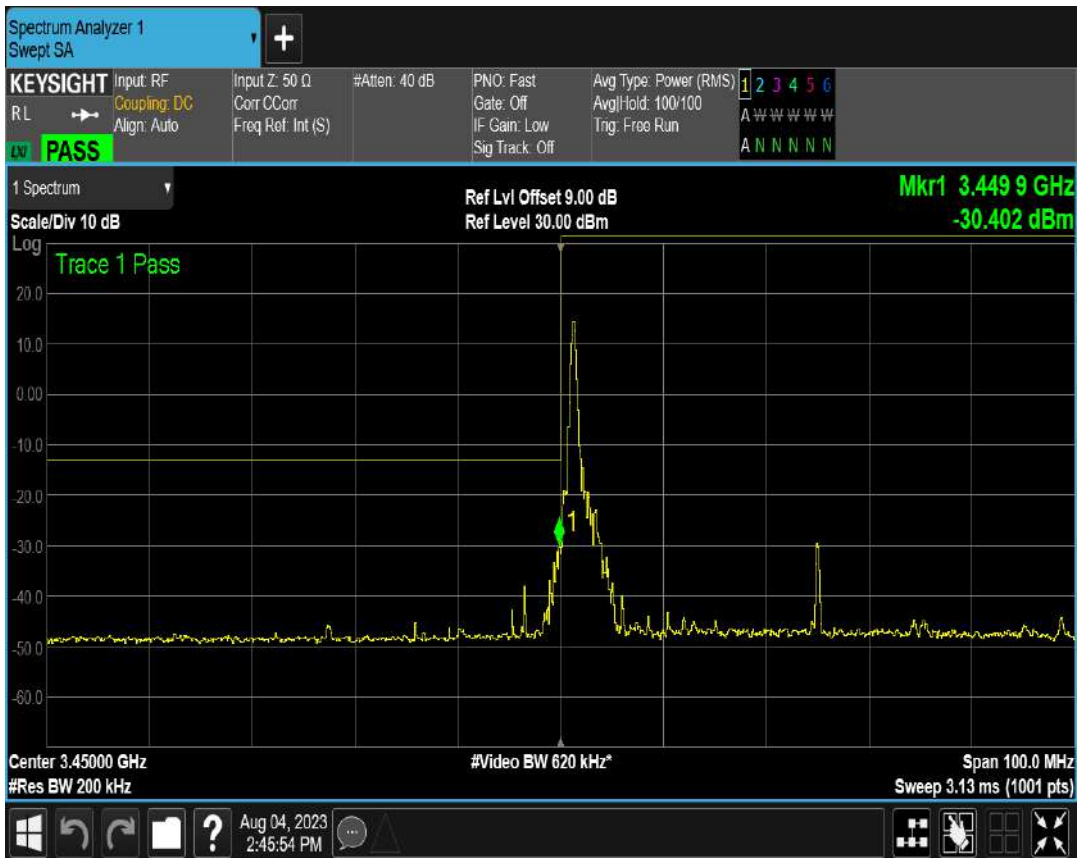


n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0

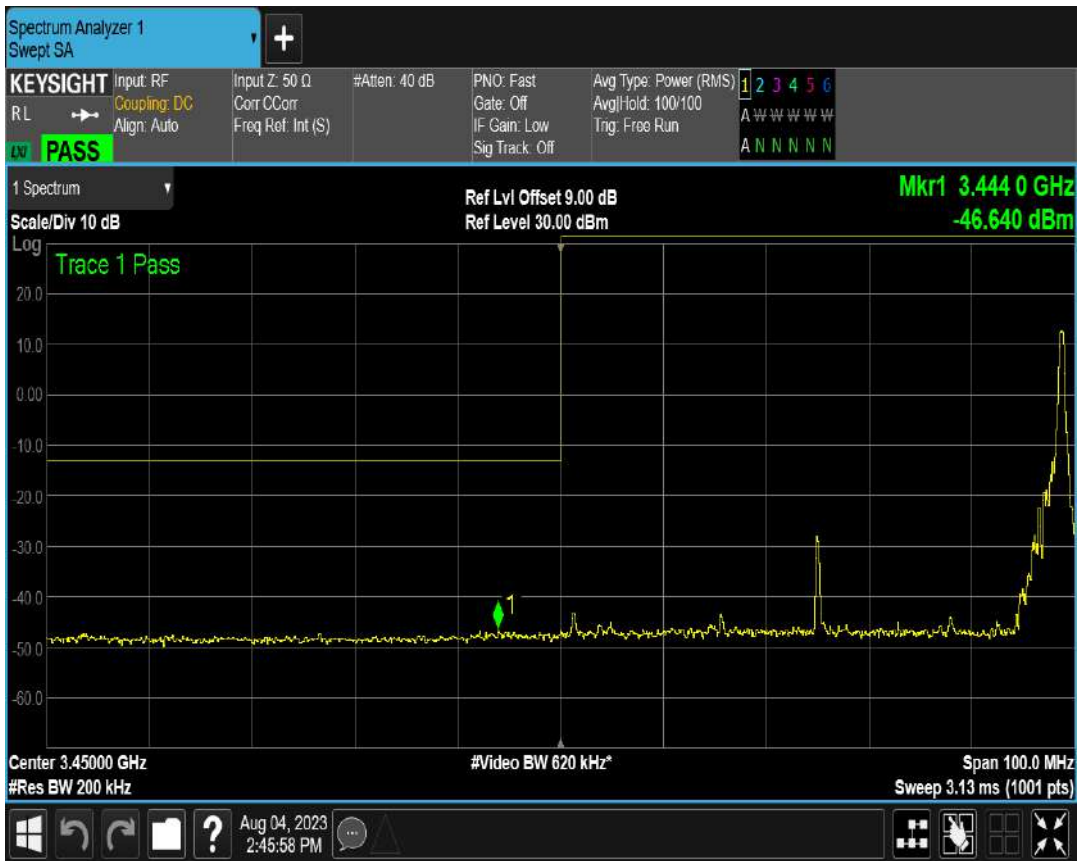




n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1 @0



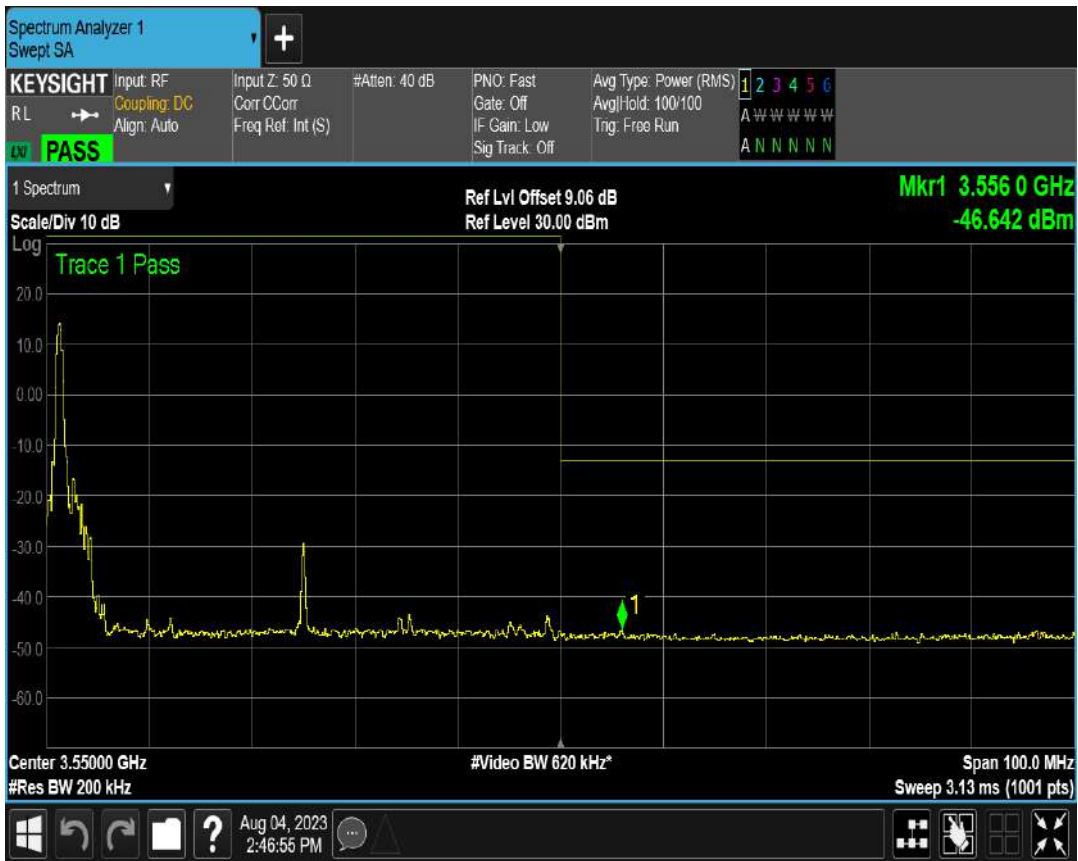
n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1 @132



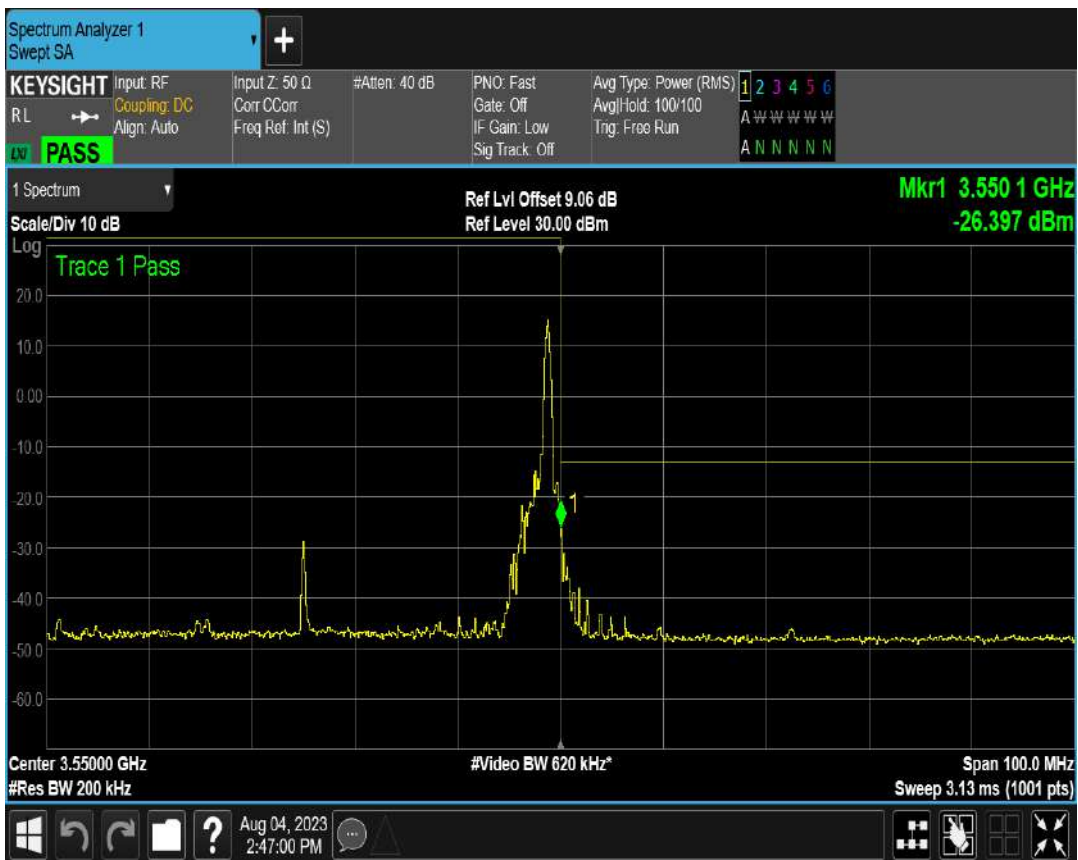
n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@0



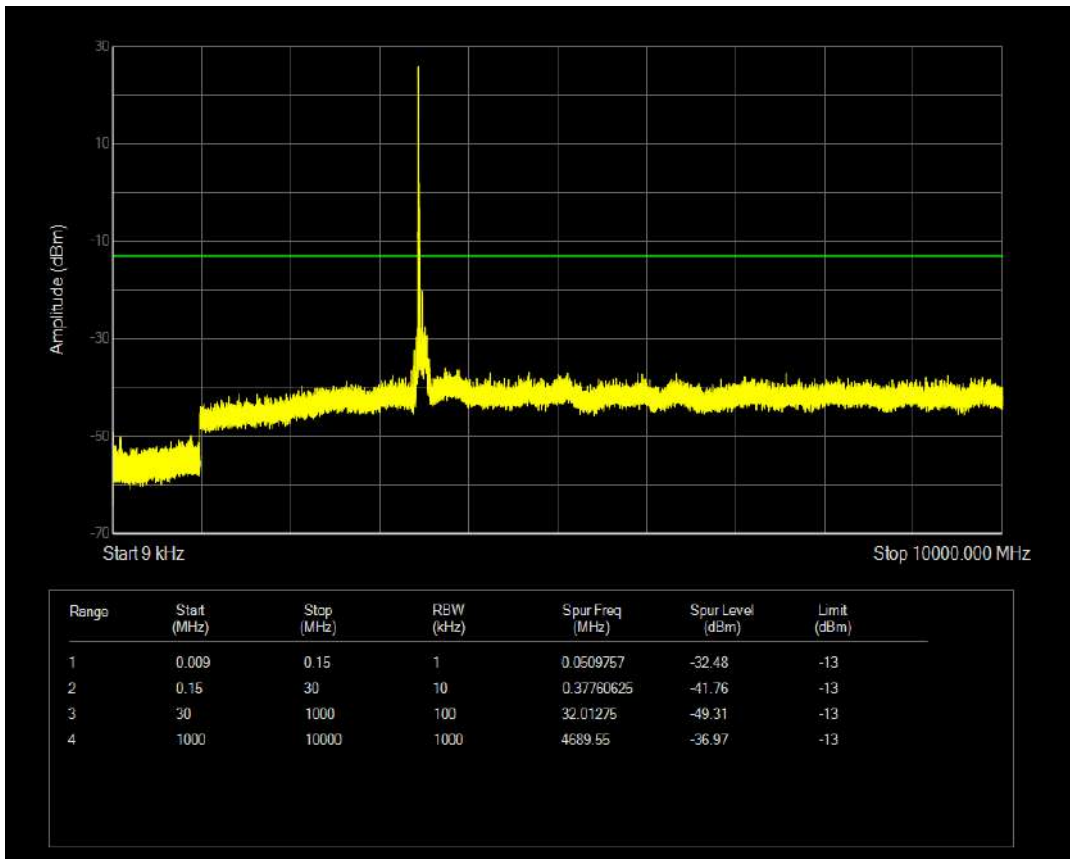
n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@132



6 Out-of-band emissions for NR FR1

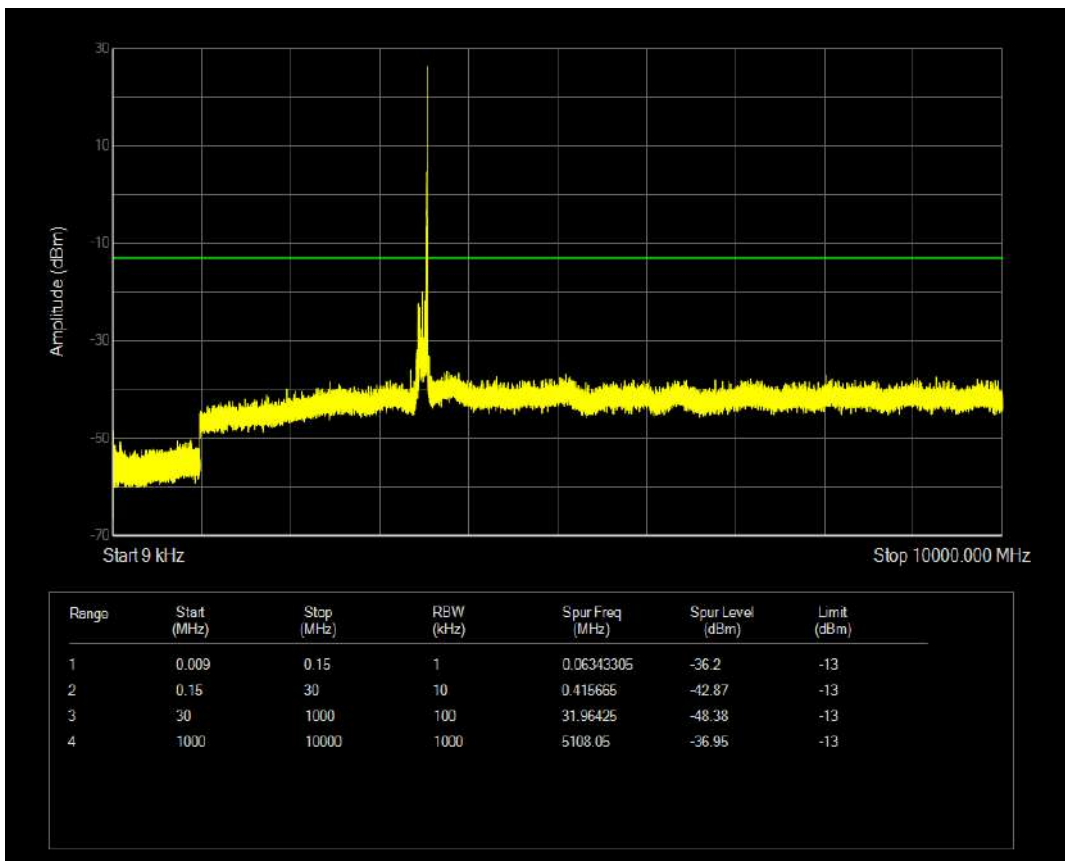
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	0.06	-35.90	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP_QPSK	0.05	-31.89	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP_QPSK	0.05	-34.34	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	0.05	-33.01	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP_QPSK	0.05	-32.09	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP_QPSK	0.06	-32.92	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	0.06	-35.71	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP_QPSK	0.05	-31.63	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP_QPSK	0.05	-34.80	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	0.05	-30.42	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP_QPSK	0.05	-35.31	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP_QPSK	0.05	-32.71	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	0.05	-31.43	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP_QPSK	0.05	-32.48	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP_QPSK	0.06	-36.20	-13	PASS

n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=1@0

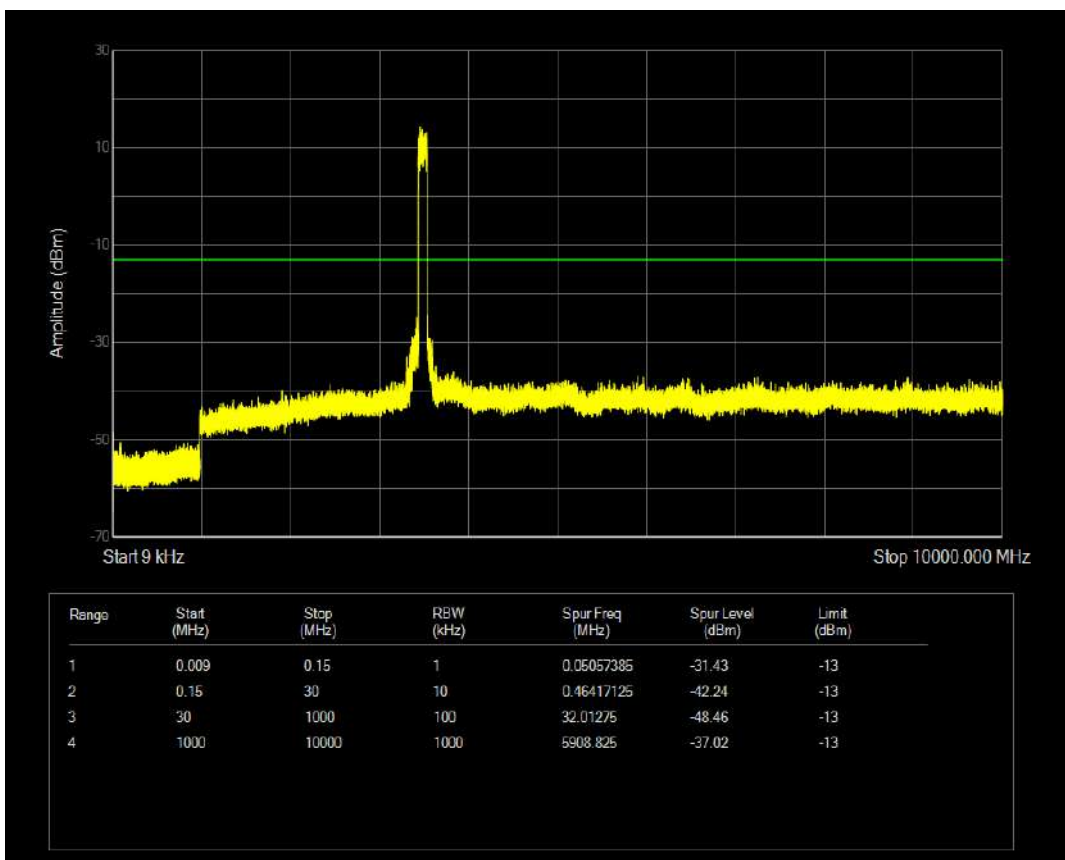


n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=1@272

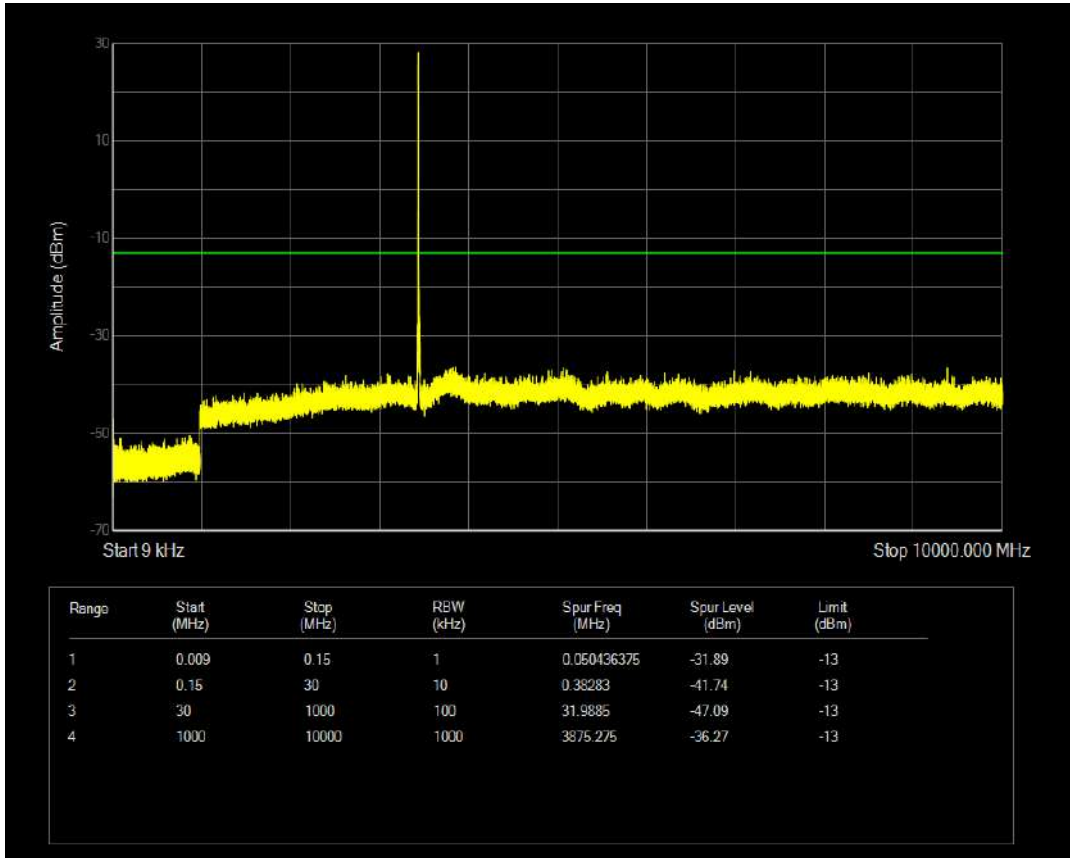




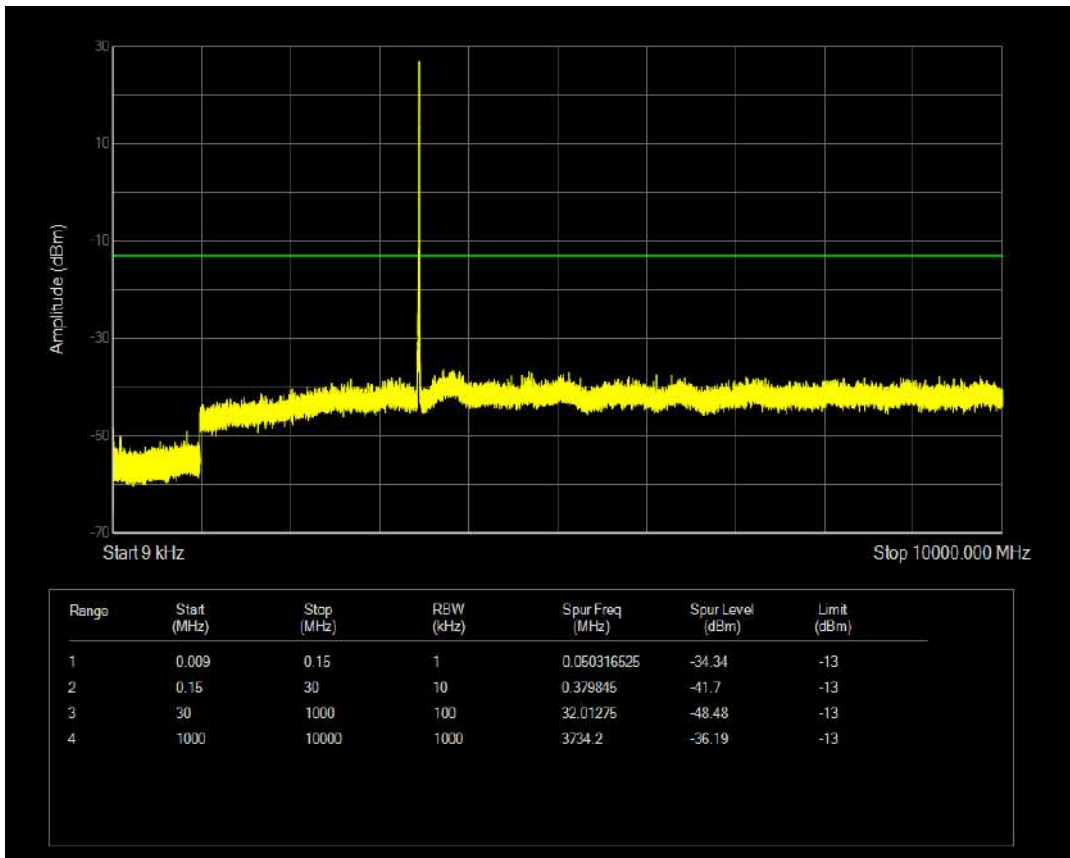
n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=273@0



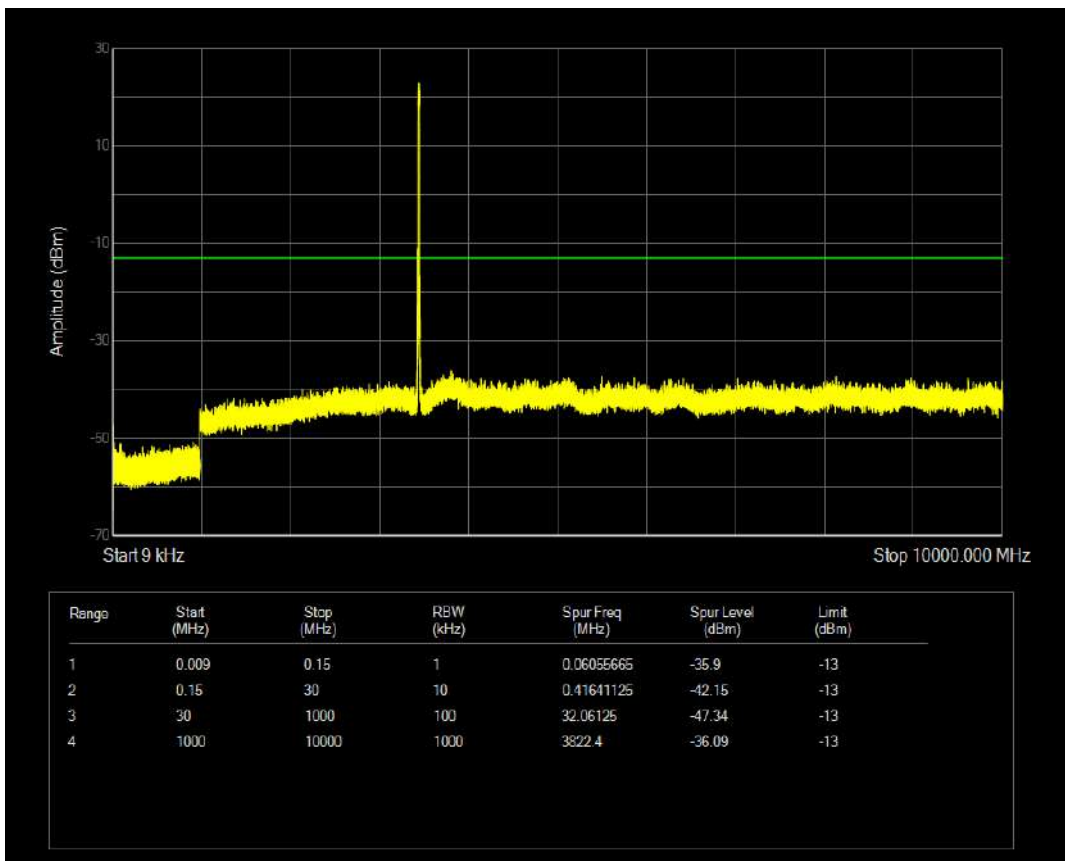
n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=1@0



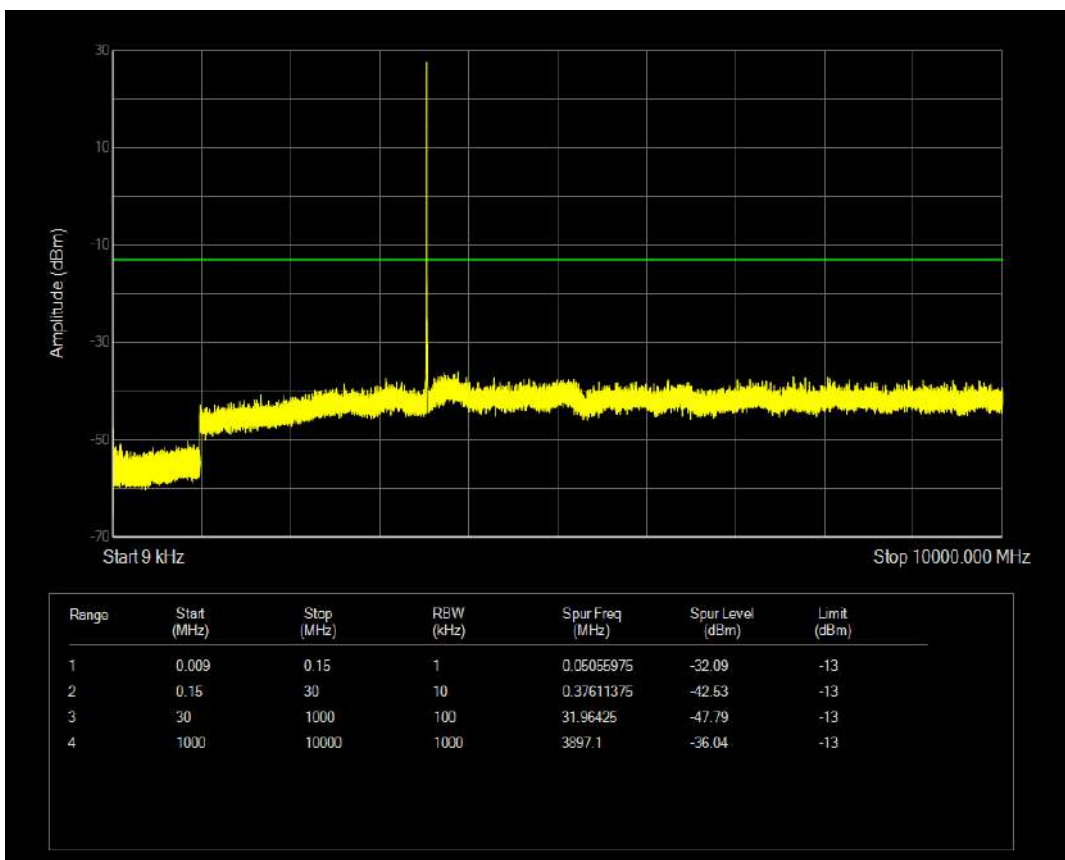
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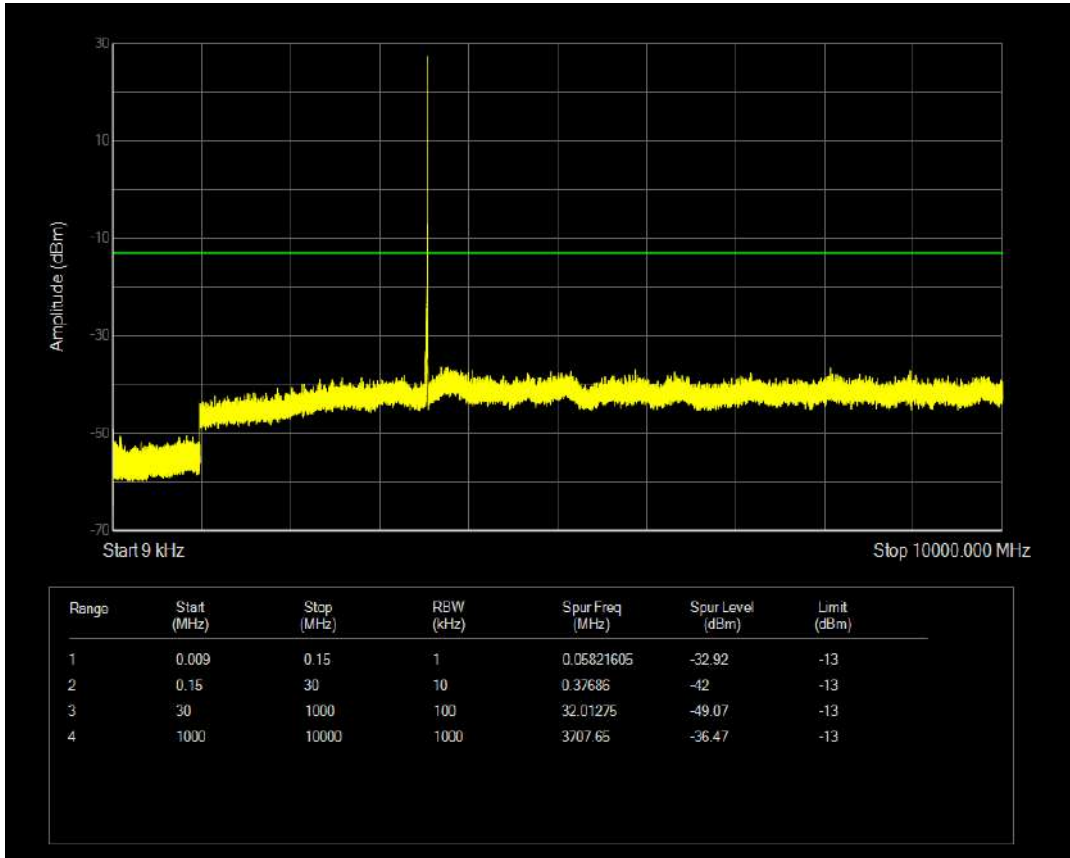
n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=24@0



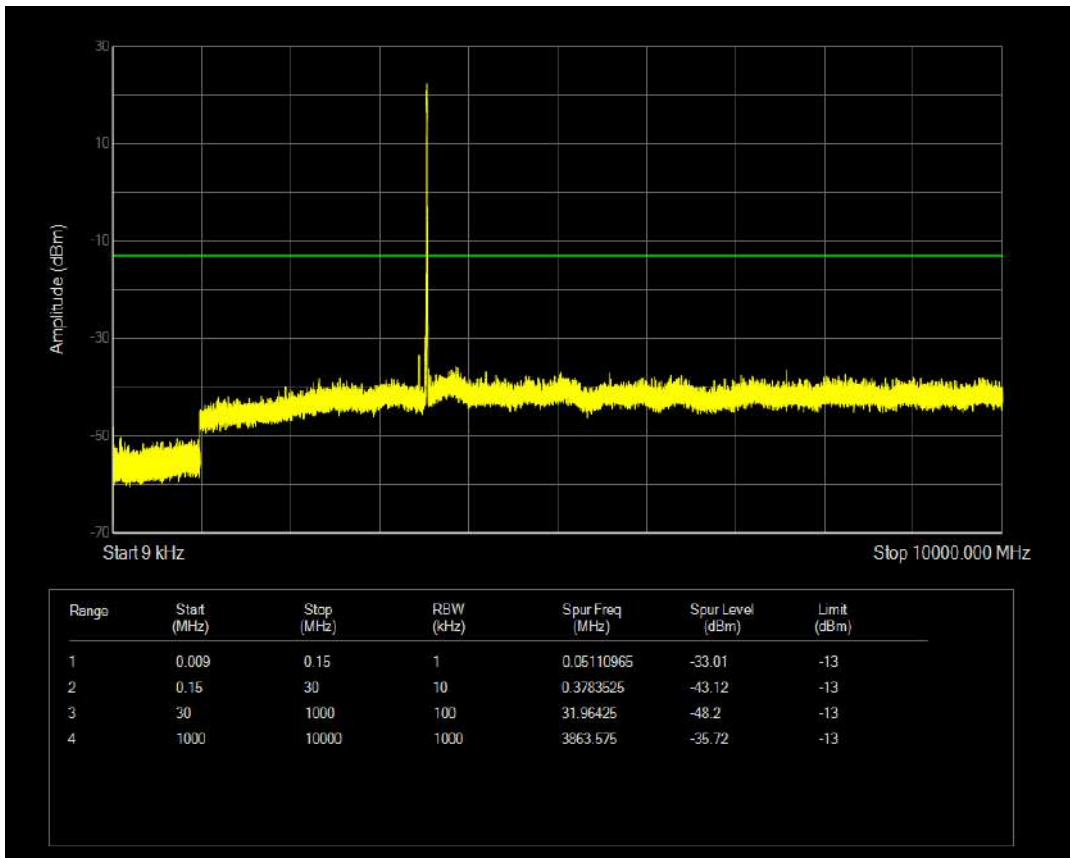
n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=1@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=1@23

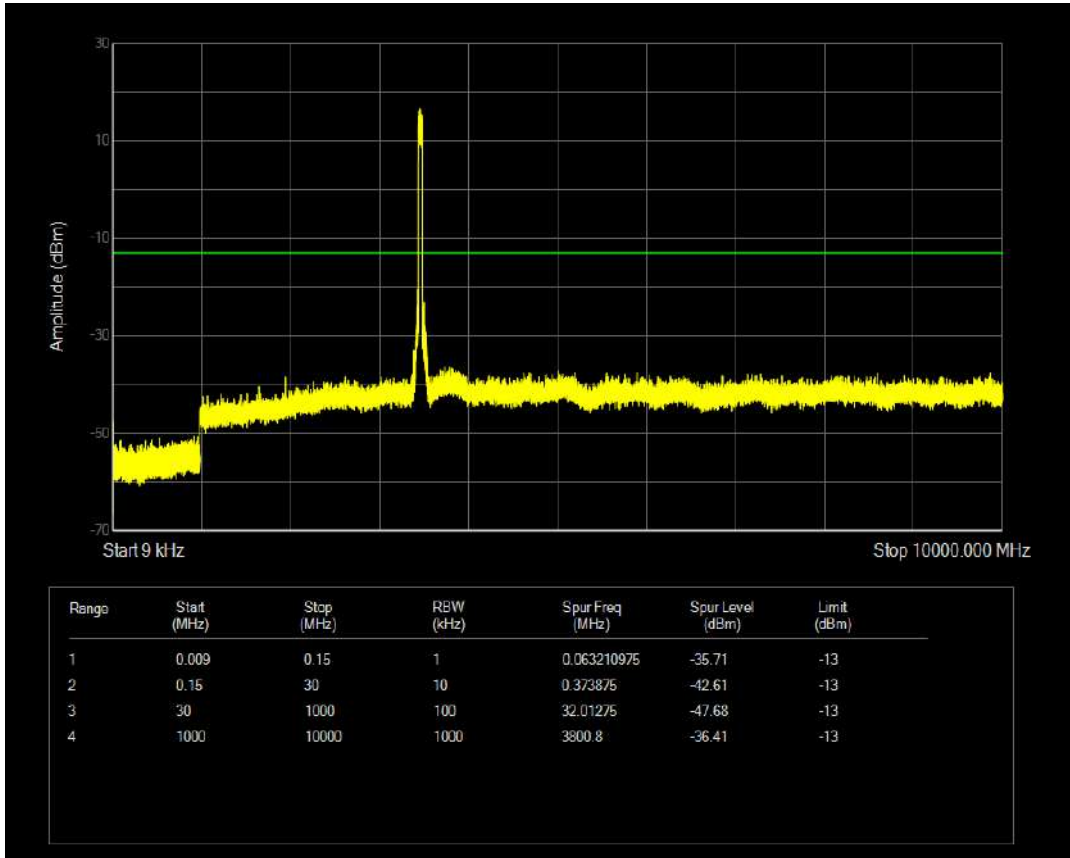


n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=636332 RB=24@0

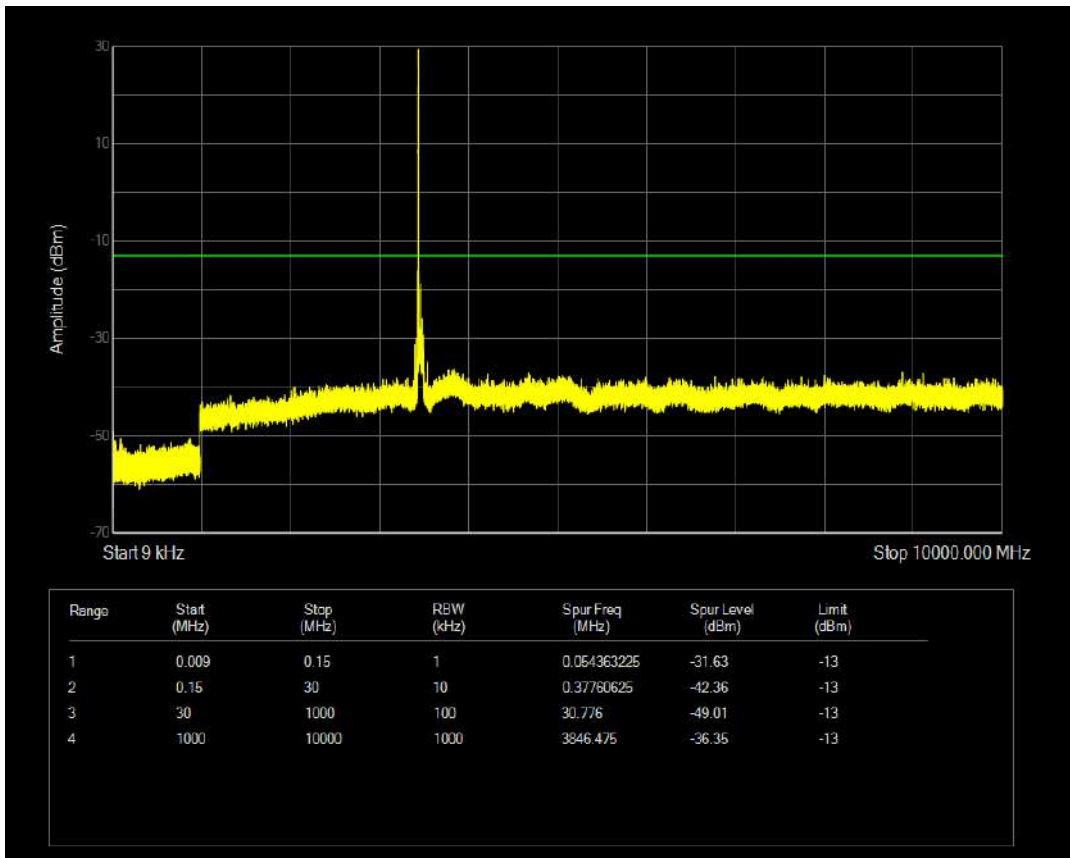


n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0

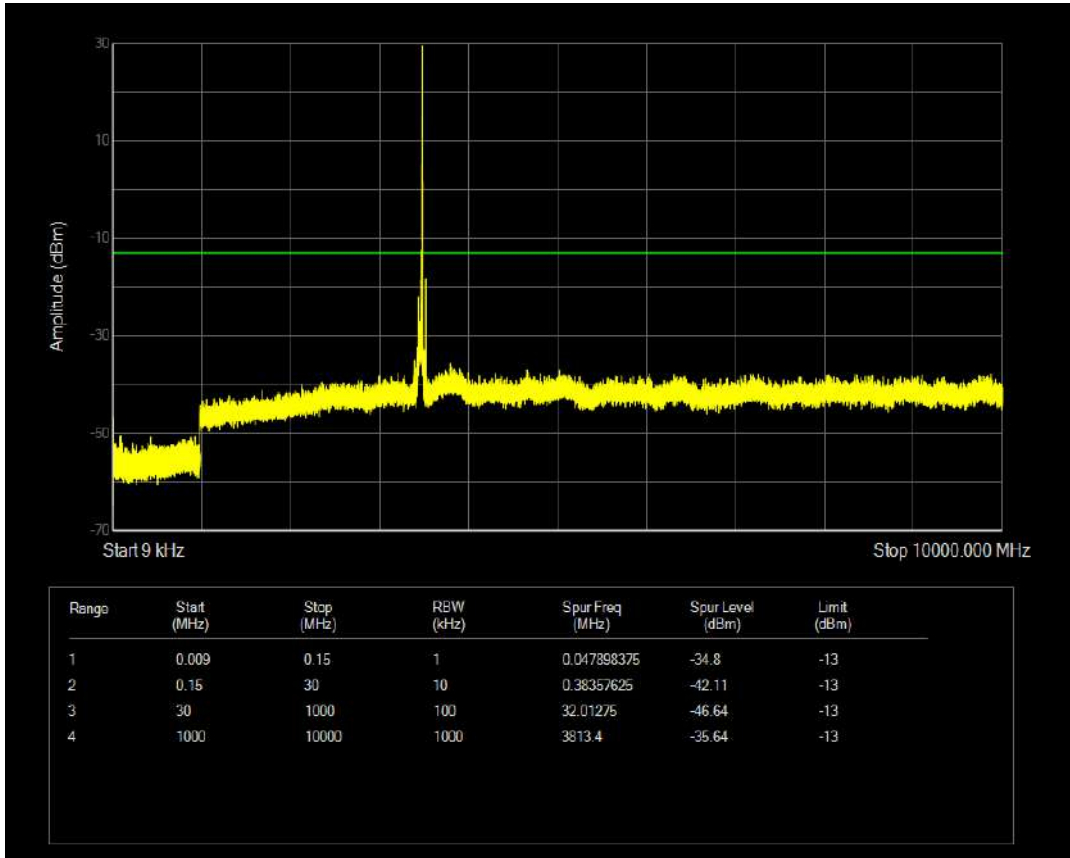




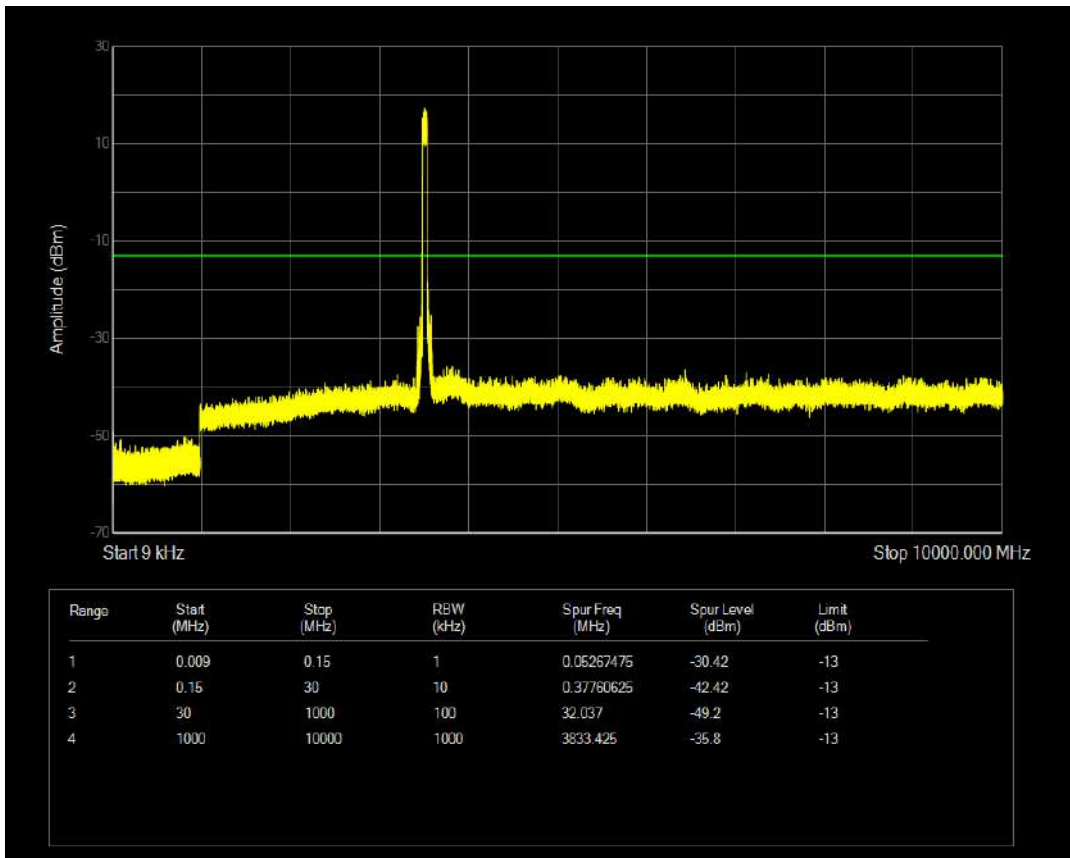
n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1@0



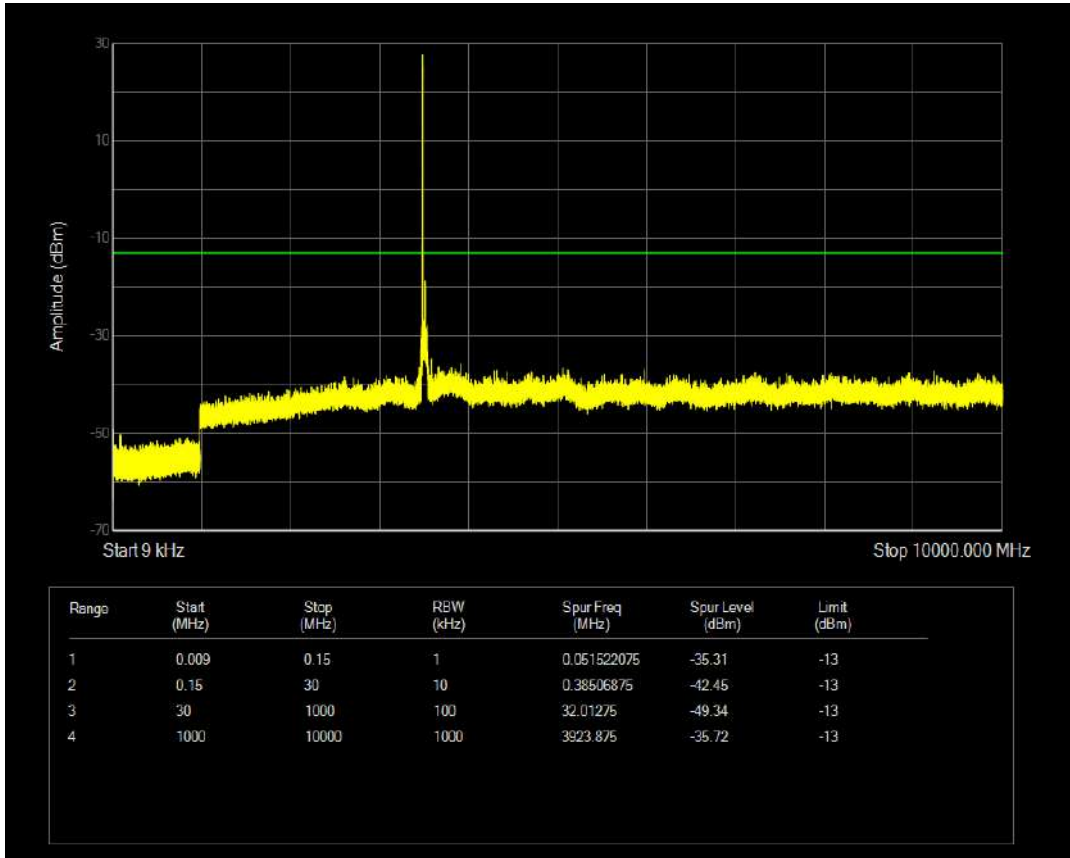
n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1@132



n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@132

