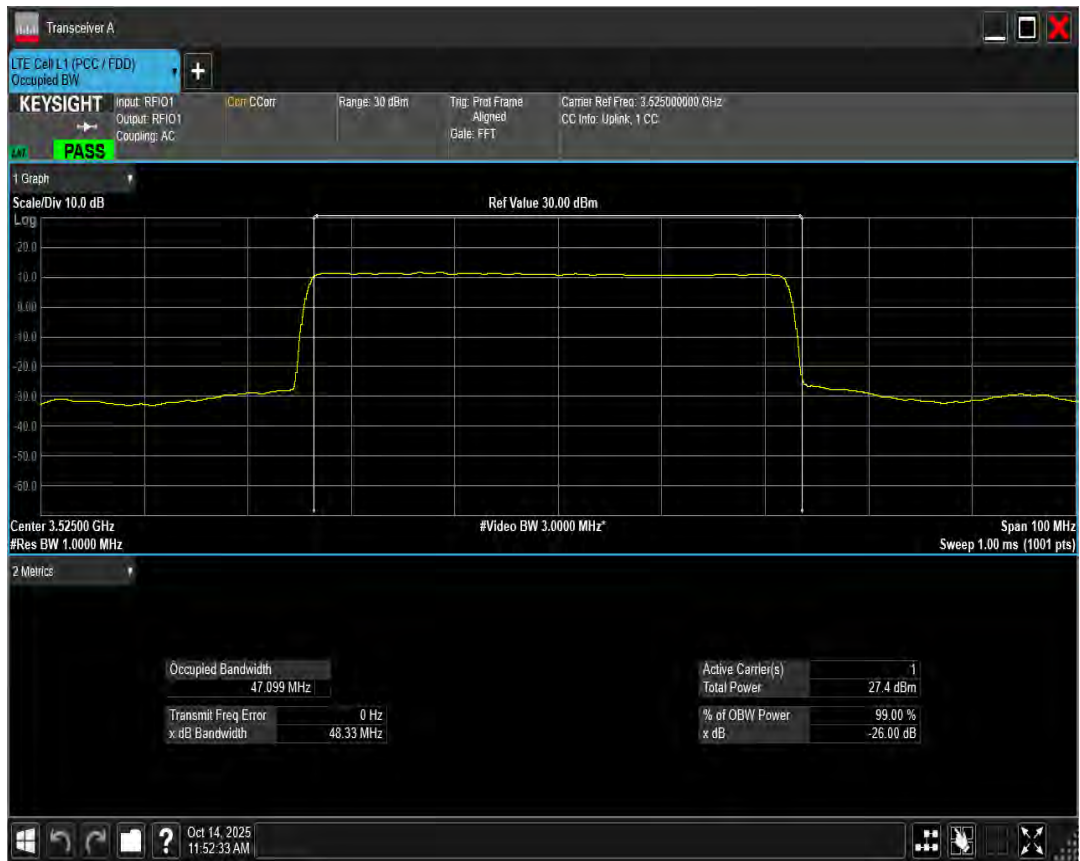




n78(3450-3550) SCS=30kHz DFT BPSK BW=50MHz Channel=631668 RB=128@0



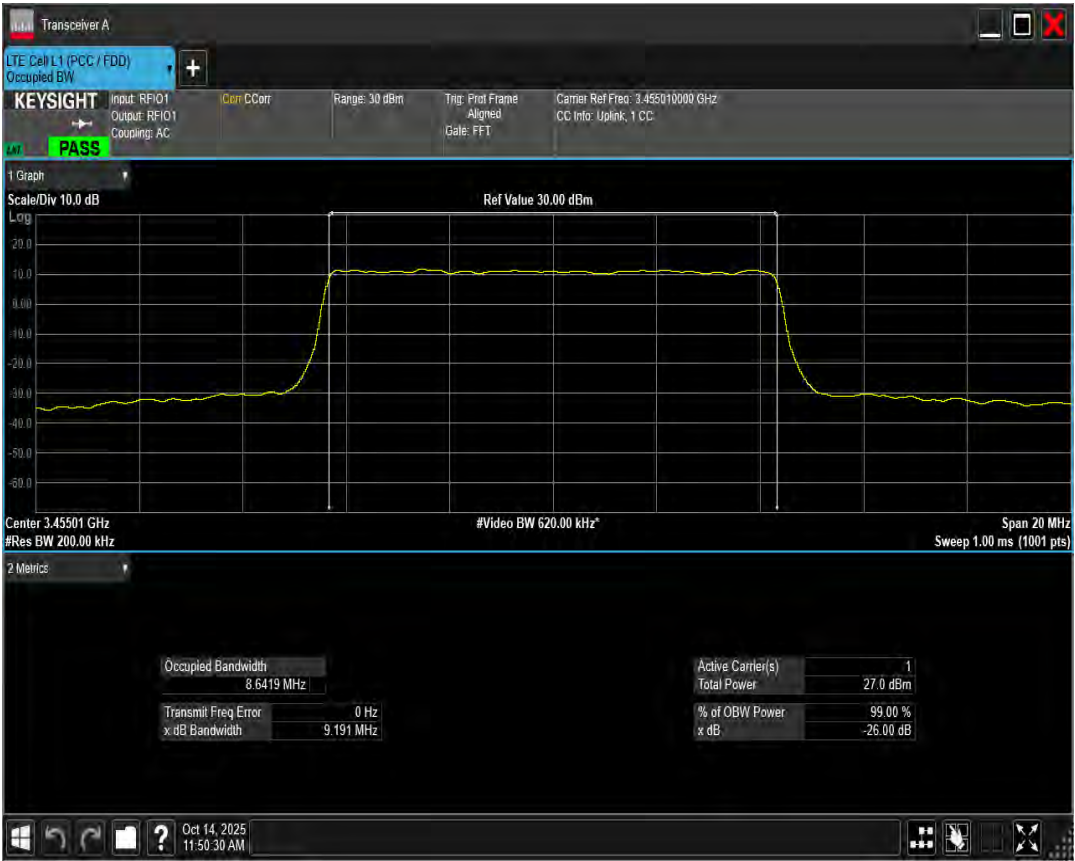
n78(3450-3550) SCS=30kHz DFT BPSK BW=50MHz Channel=635000 RB=128@0



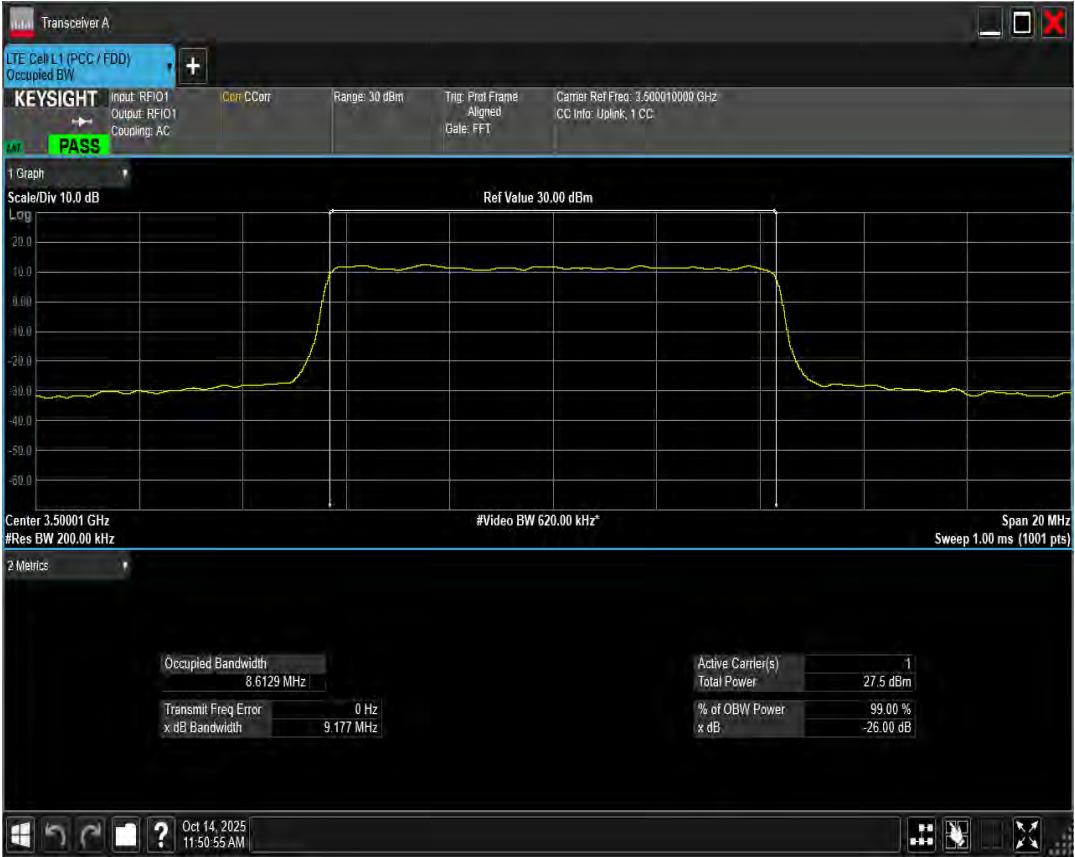
n78(3450-3550) SCS=30kHz DFT QPSK BW=50MHz Channel=633334 RB=128@0



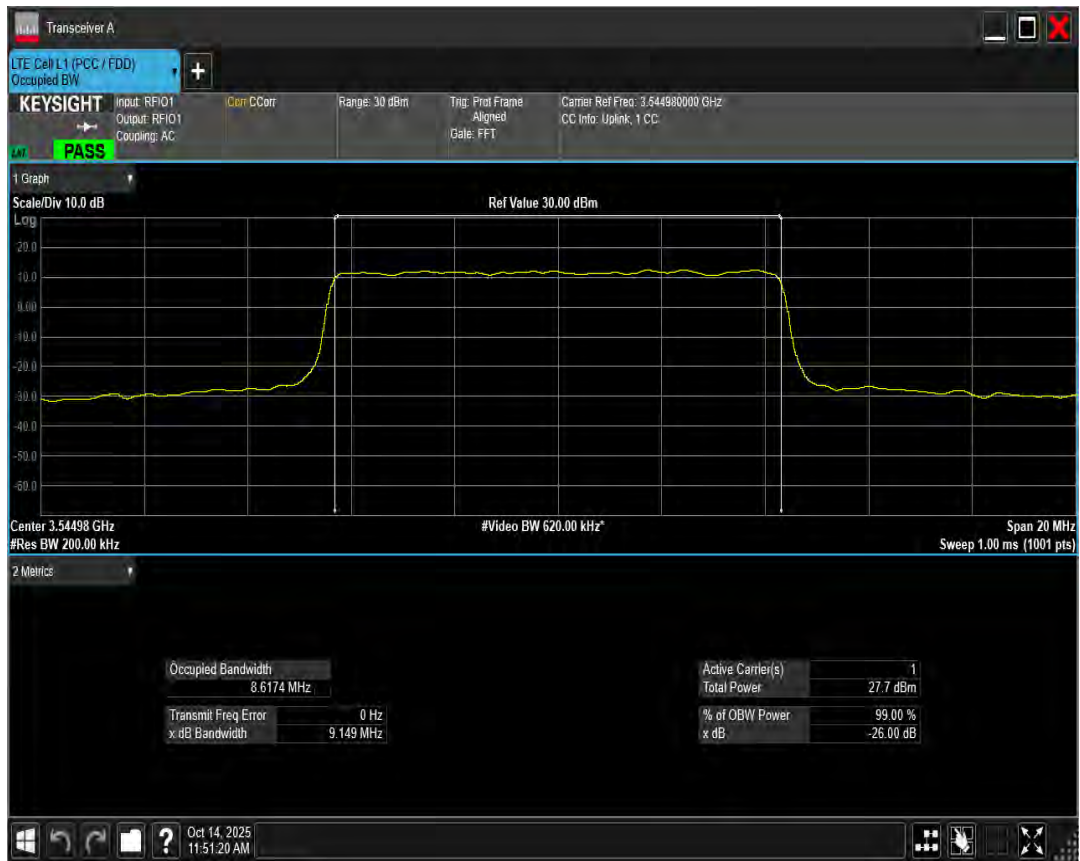
n78(3450-3550) SCS=30kHz DFT QPSK BW=10MHz Channel=630334 RB=24@0



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



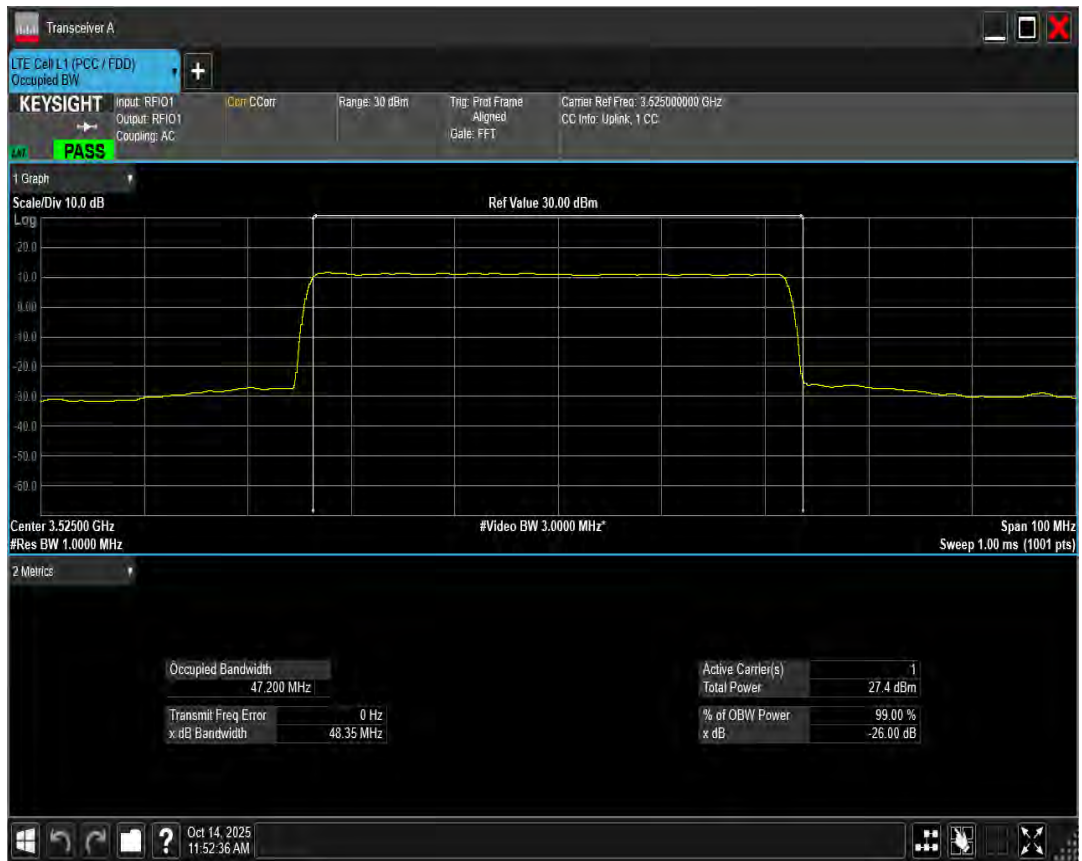
n78(3450-3550) SCS=30kHz DFT QPSK BW=10MHz Channel=636332 RB=24@0



n78(3450-3550) SCS=30kHz DFT QPSK BW=50MHz Channel=631668 RB=128@0



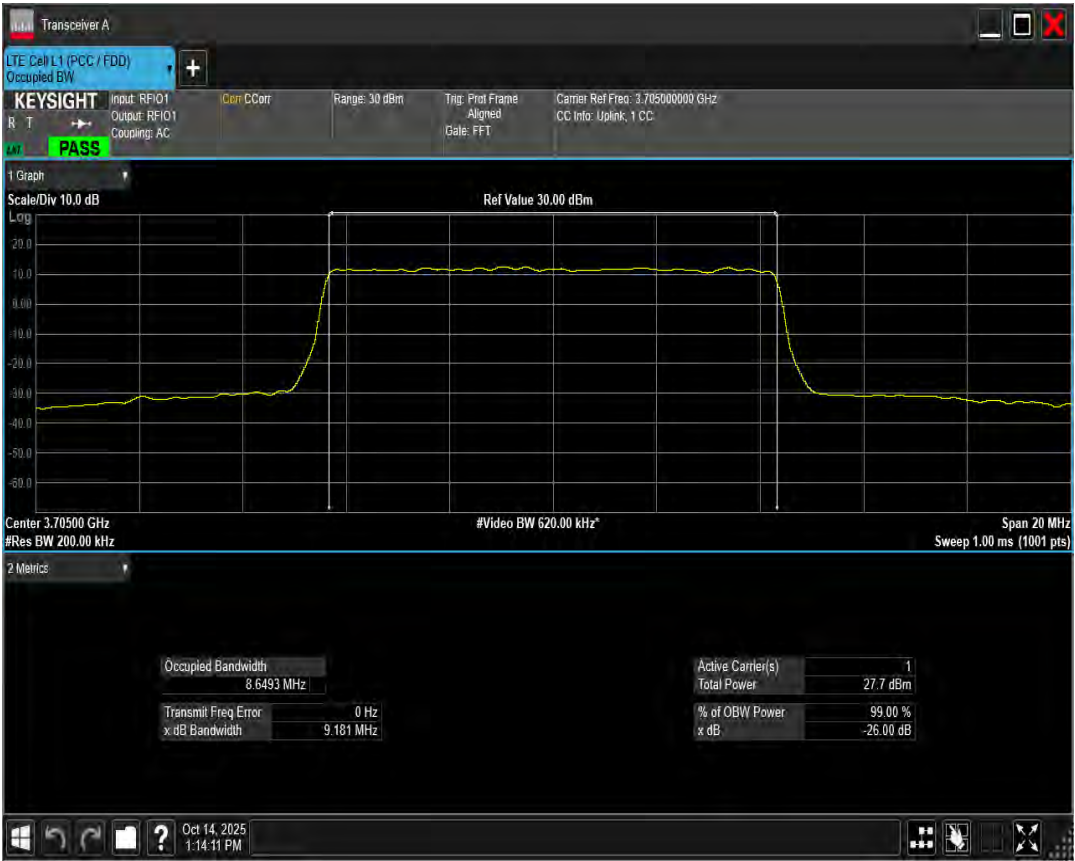
n78(3450-3550) SCS=30kHz DFT QPSK BW=50MHz Channel=635000 RB=128@0



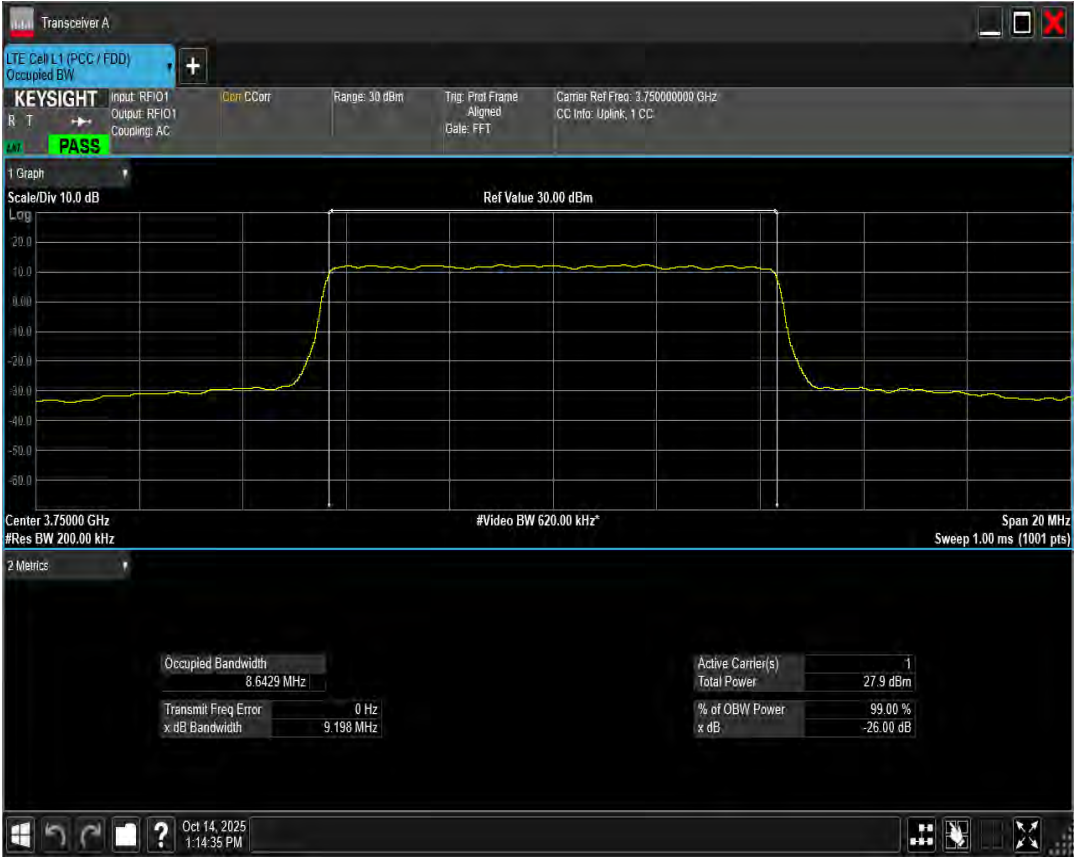
n78(3700-3800) SCS=30kHz DFT 16QAM BW=100MHz Channel=650000 RB=270@0



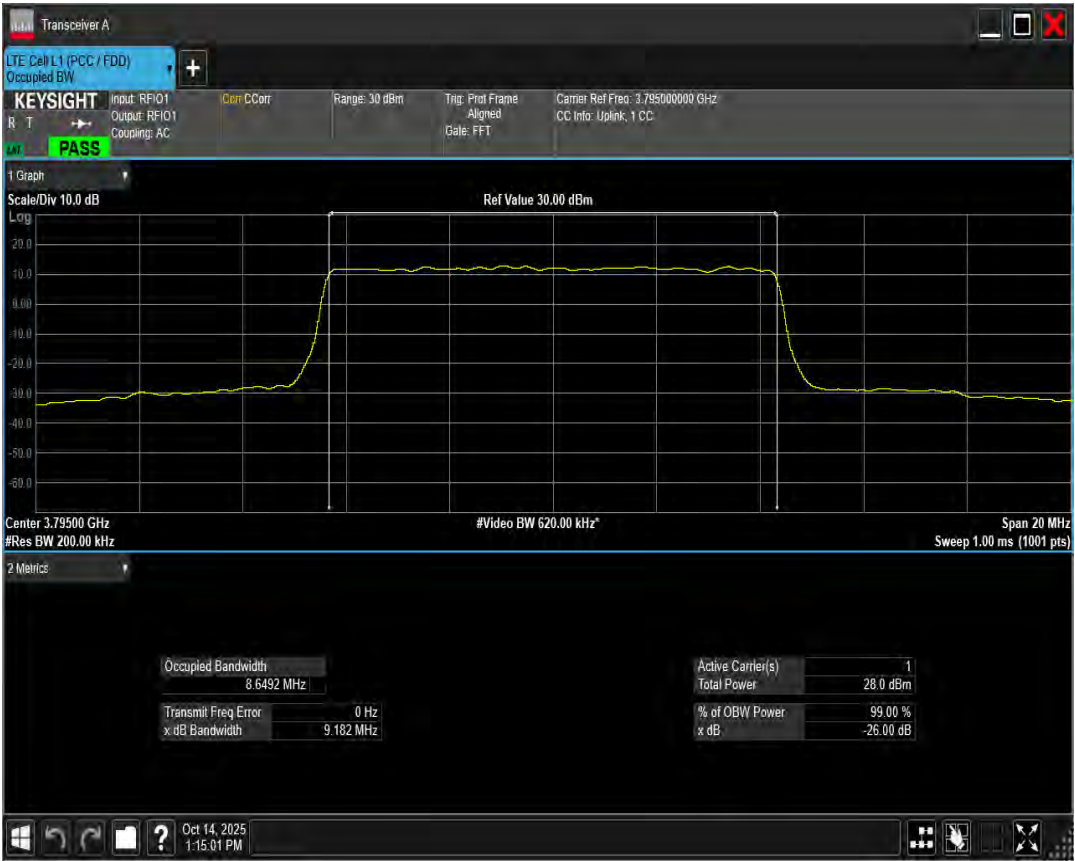
n78(3700-3800) SCS=30kHz DFT 16QAM BW=10MHz Channel=647000 RB=24@0



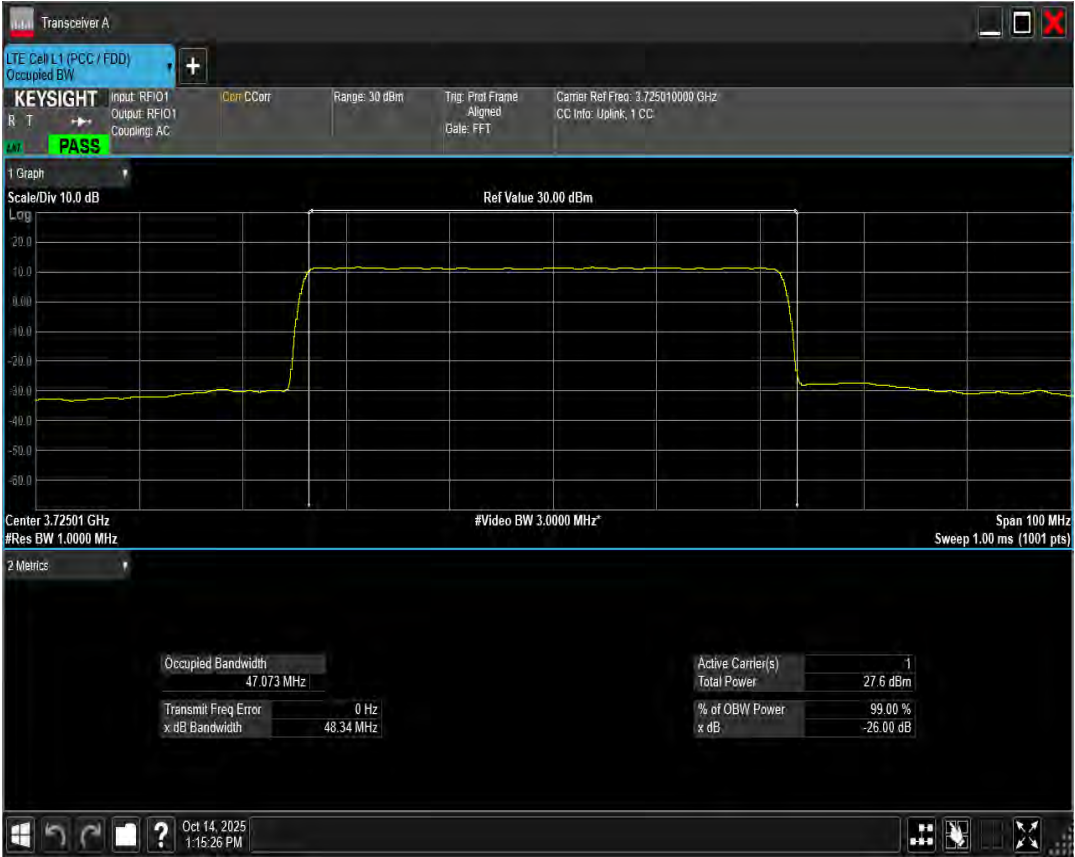
n78(3700-3800) SCS=30kHz DFT 16QAM BW=10MHz Channel=650000 RB=24@0



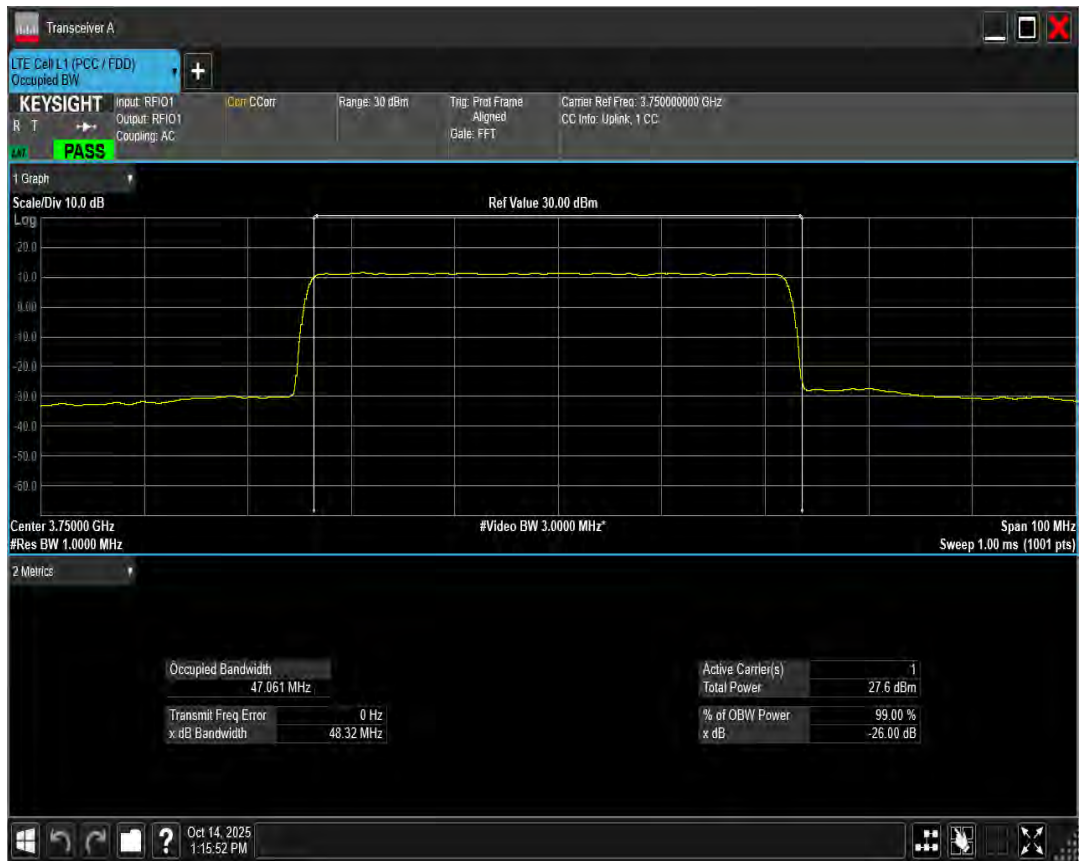
n78(3700-3800) SCS=30kHz DFT 16QAM BW=10MHz Channel=653000 RB=24@0



n78(3700-3800) SCS=30kHz DFT 16QAM BW=50MHz Channel=648334 RB=128@0



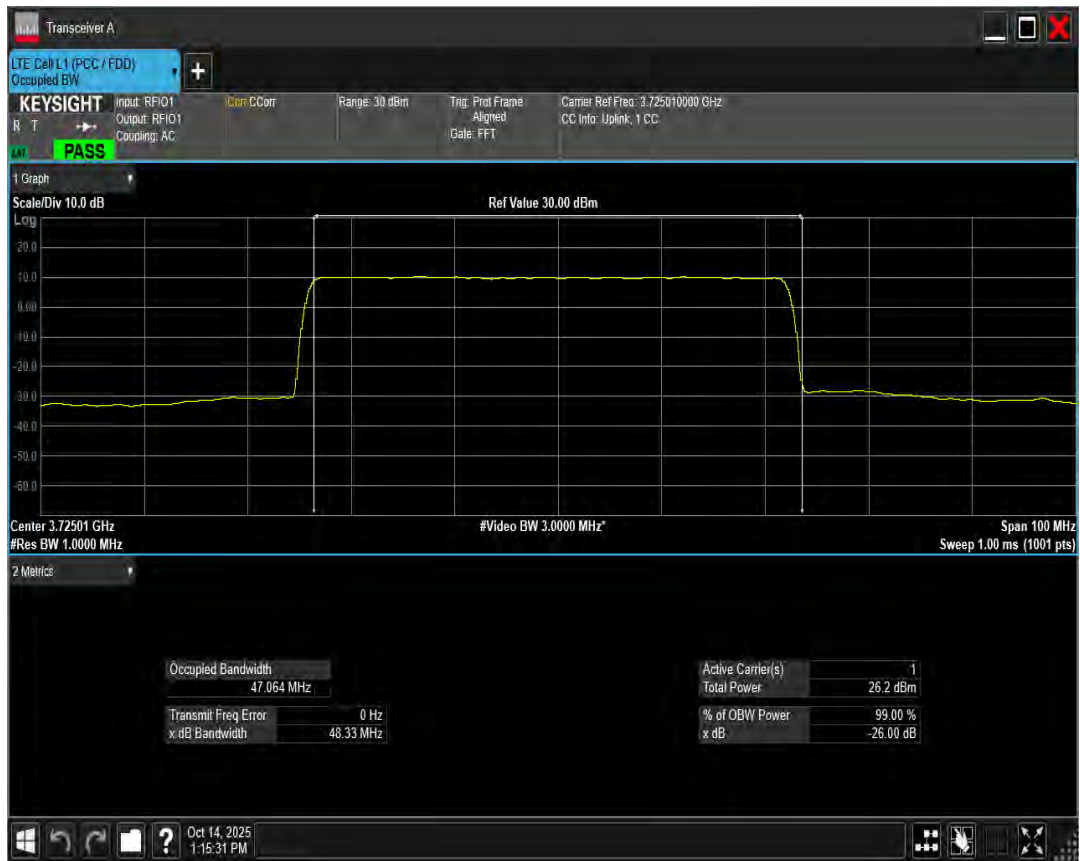
n78(3700-3800) SCS=30kHz DFT 16QAM BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT 16QAM BW=50MHz Channel=651666 RB=128@0



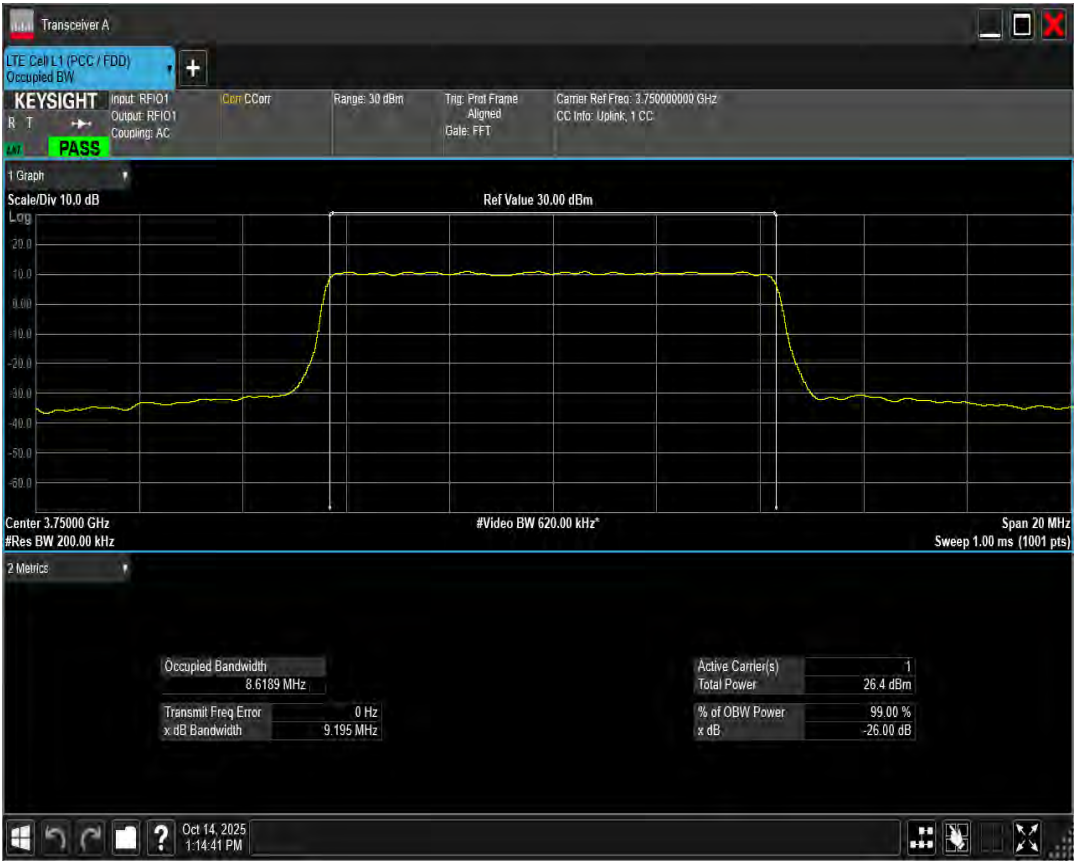
n78(3700-3800) SCS=30kHz DFT 256QAM BW=50MHz Channel=648334 RB=128@0



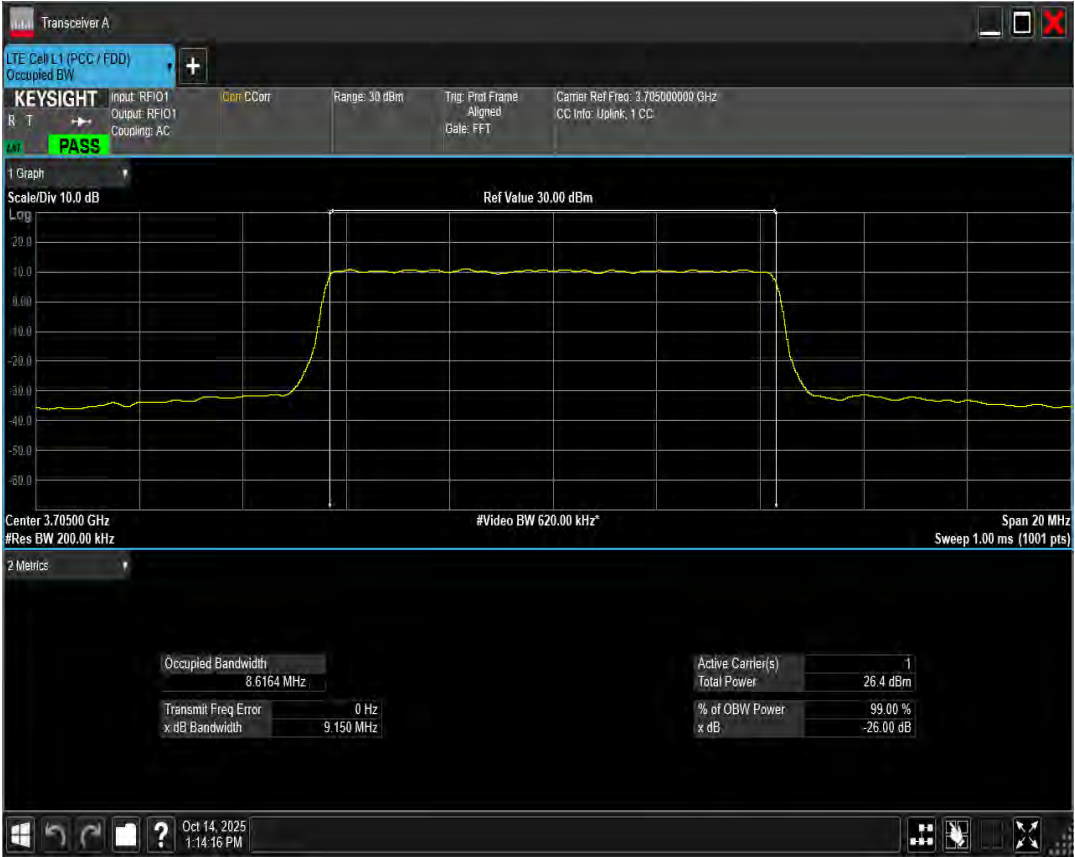
n78(3700-3800) SCS=30kHz DFT 256QAM BW=10MHz Channel=653000 RB=24@0



n78(3700-3800) SCS=30kHz DFT 256QAM BW=10MHz Channel=650000 RB=24@0



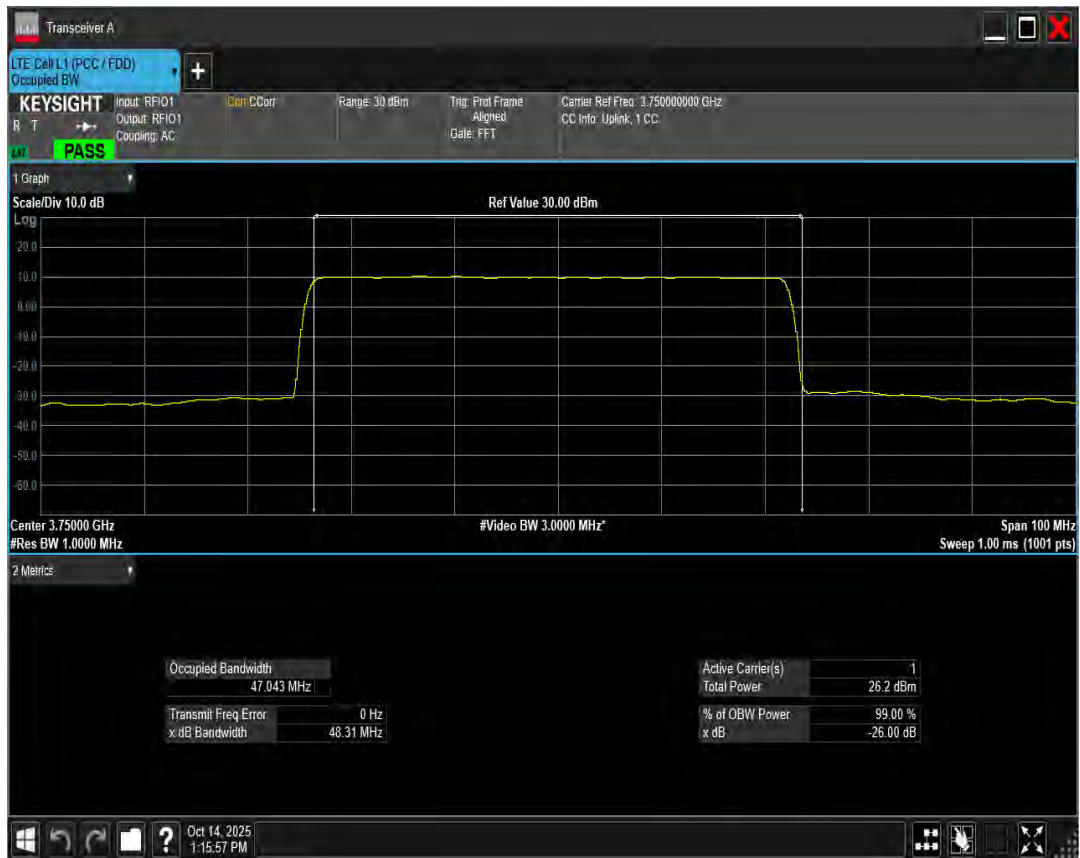
n78(3700-3800) SCS=30kHz DFT 256QAM BW=10MHz Channel=647000 RB=24@0



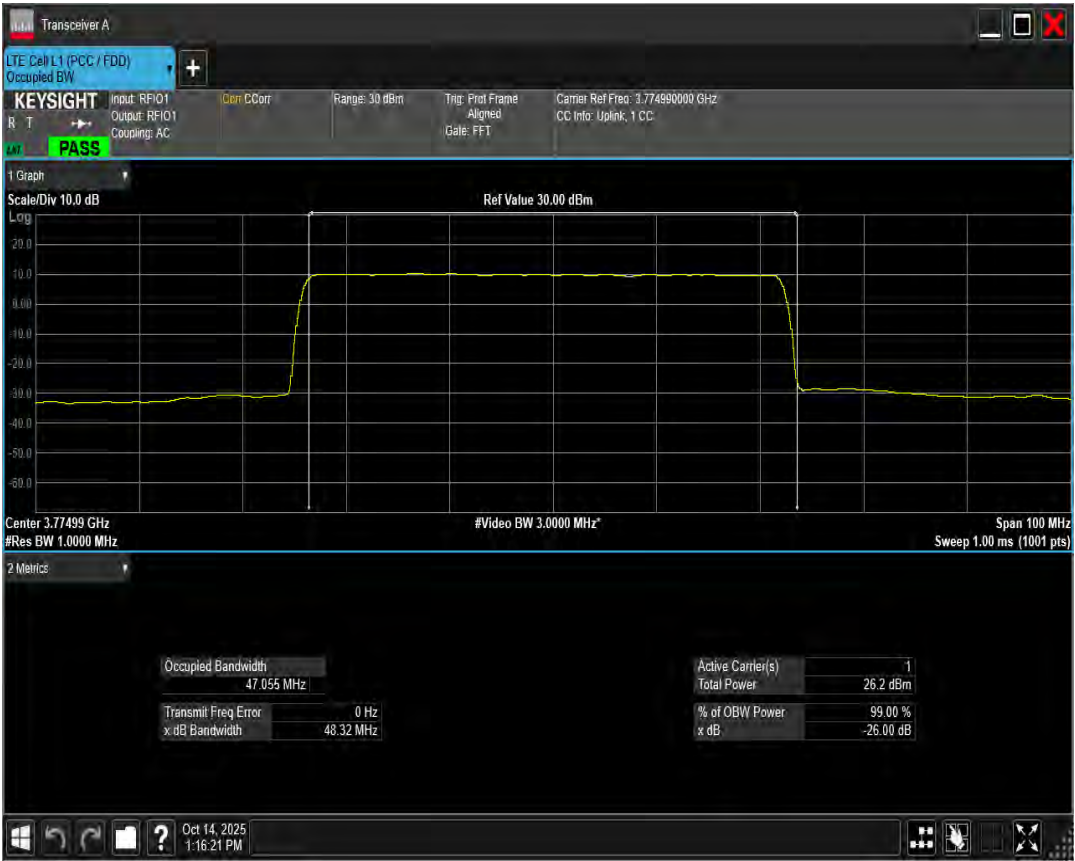
n78(3700-3800) SCS=30kHz DFT 256QAM BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT 256QAM BW=50MHz Channel=650000 RB=128@0



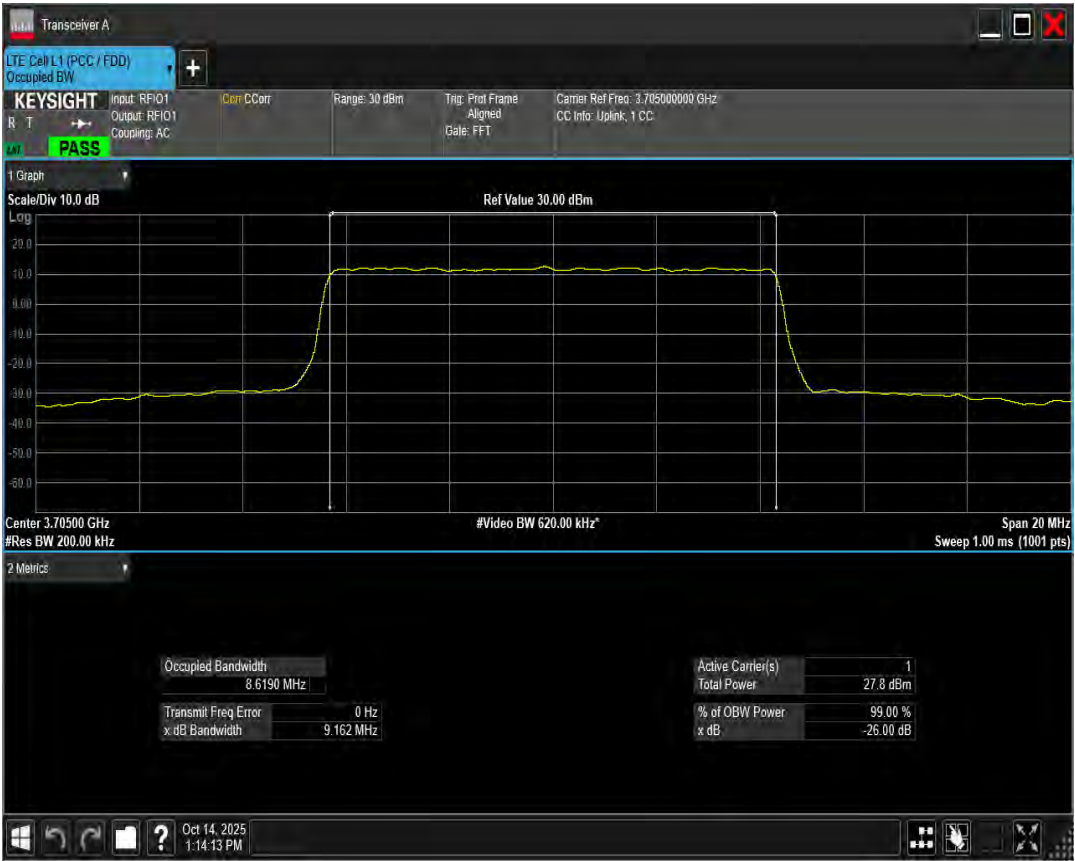
n78(3700-3800) SCS=30kHz DFT 256QAM BW=50MHz Channel=651666 RB=128@0



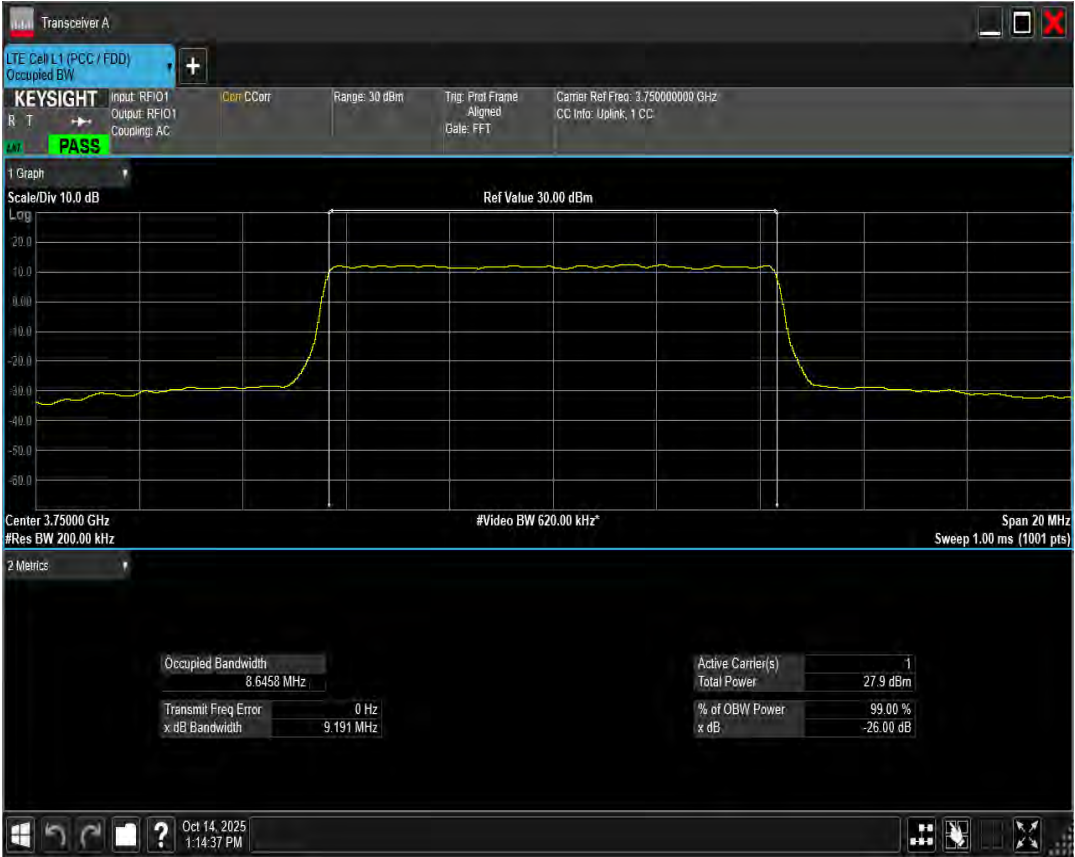
n78(3700-3800) SCS=30kHz DFT 64QAM BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT 64QAM BW=10MHz Channel=647000 RB=24@0



n78(3700-3800) SCS=30kHz DFT 64QAM BW=10MHz Channel=650000 RB=24@0



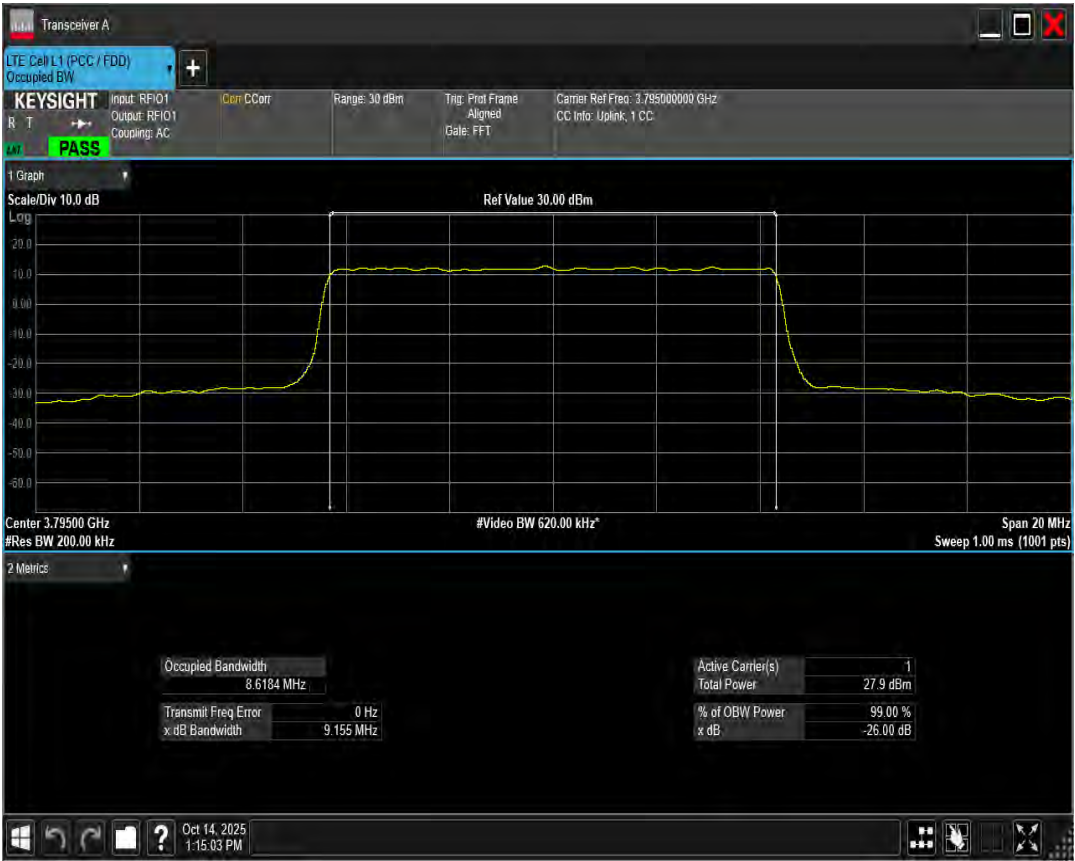
n78(3700-3800) SCS=30kHz DFT BPSK BW=100MHz Channel=650000 RB=270@0



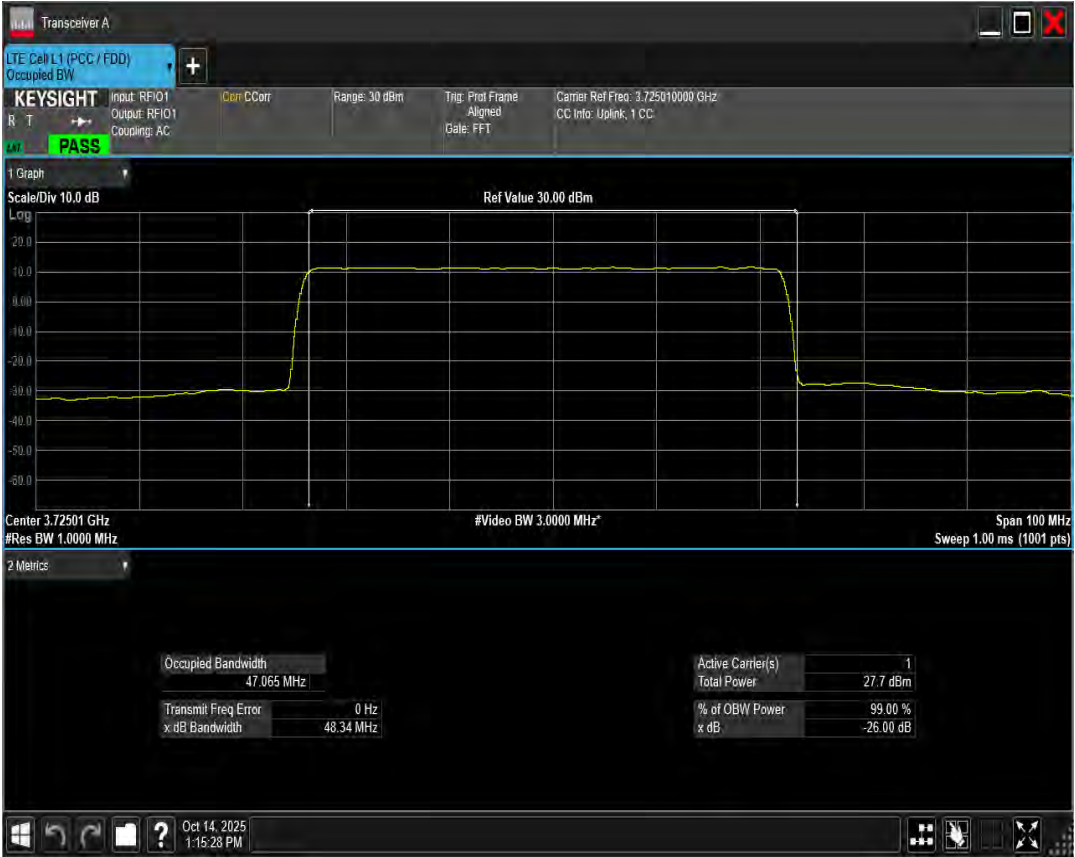
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT 64QAM BW=10MHz Channel=653000 RB=24@0



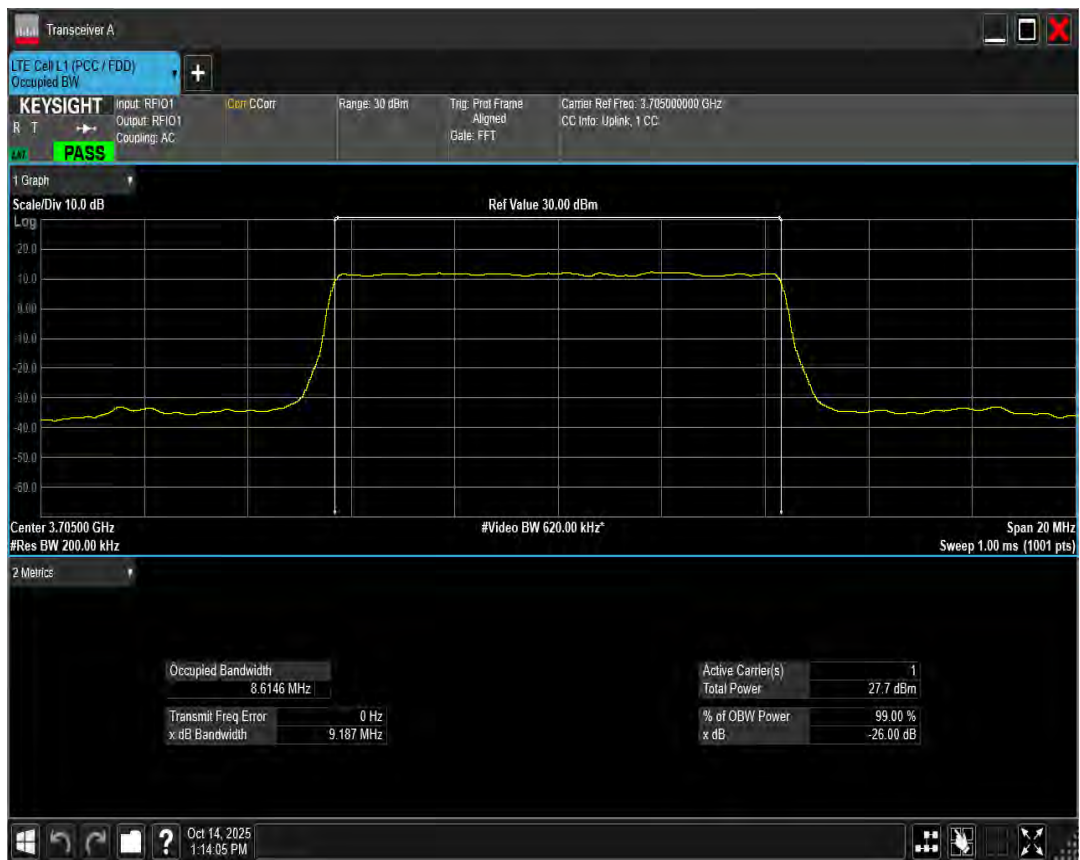
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=648334 RB=128@0



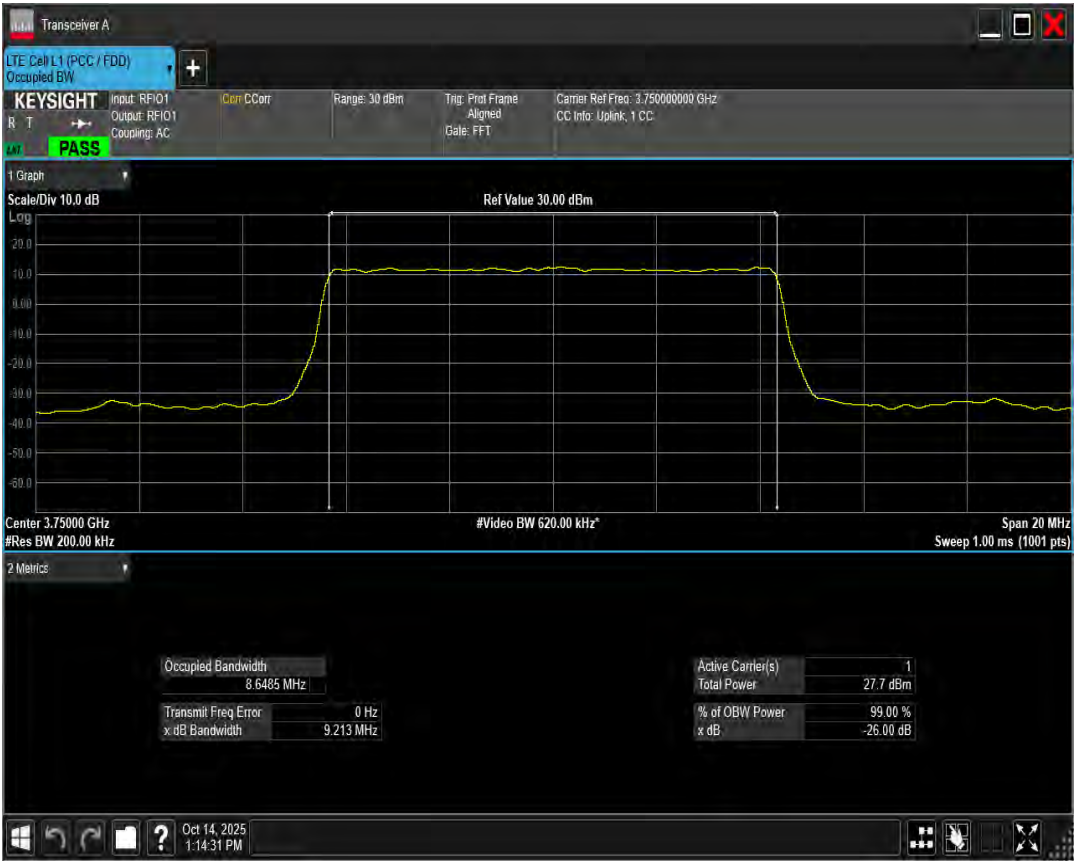
n78(3700-3800) SCS=30kHz DFT 64QAM BW=50MHz Channel=650000 RB=128@0



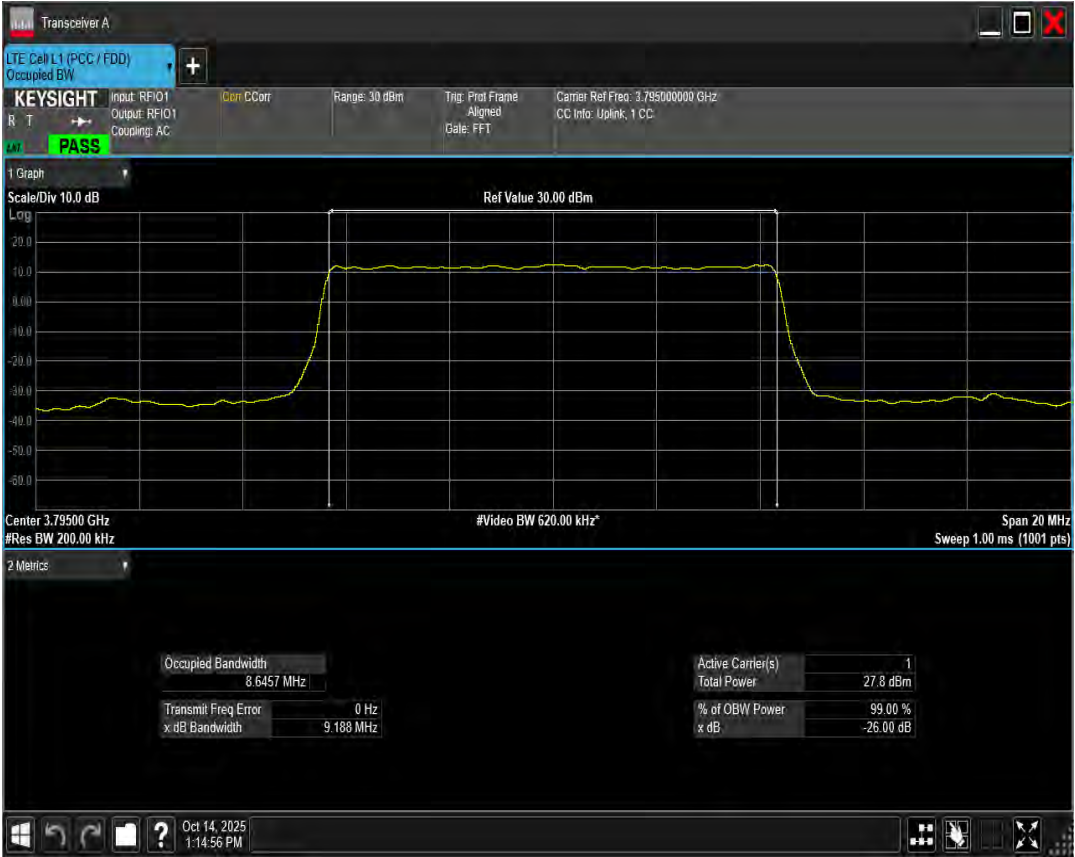
n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=647000 RB=24@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=650000 RB=24@0



n78(3700-3800) SCS=30kHz DFT BPSK BW=10MHz Channel=653000 RB=24@0



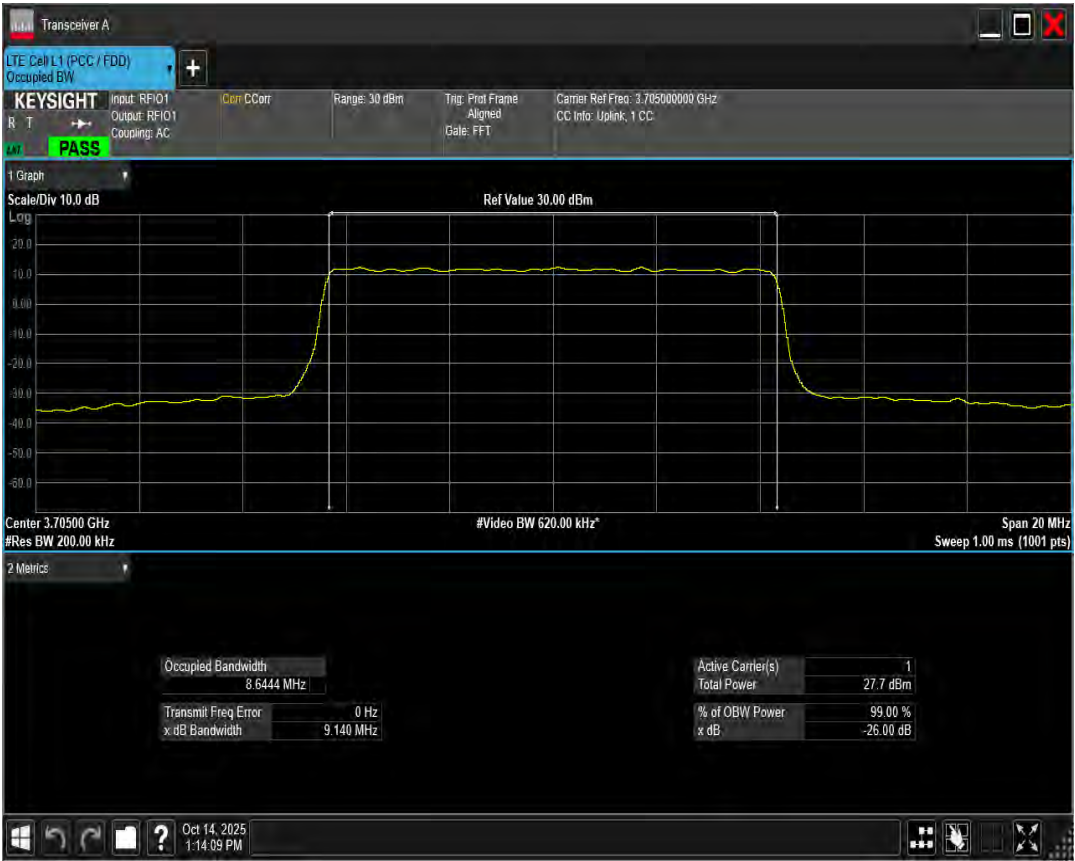
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=648334 RB=128@0



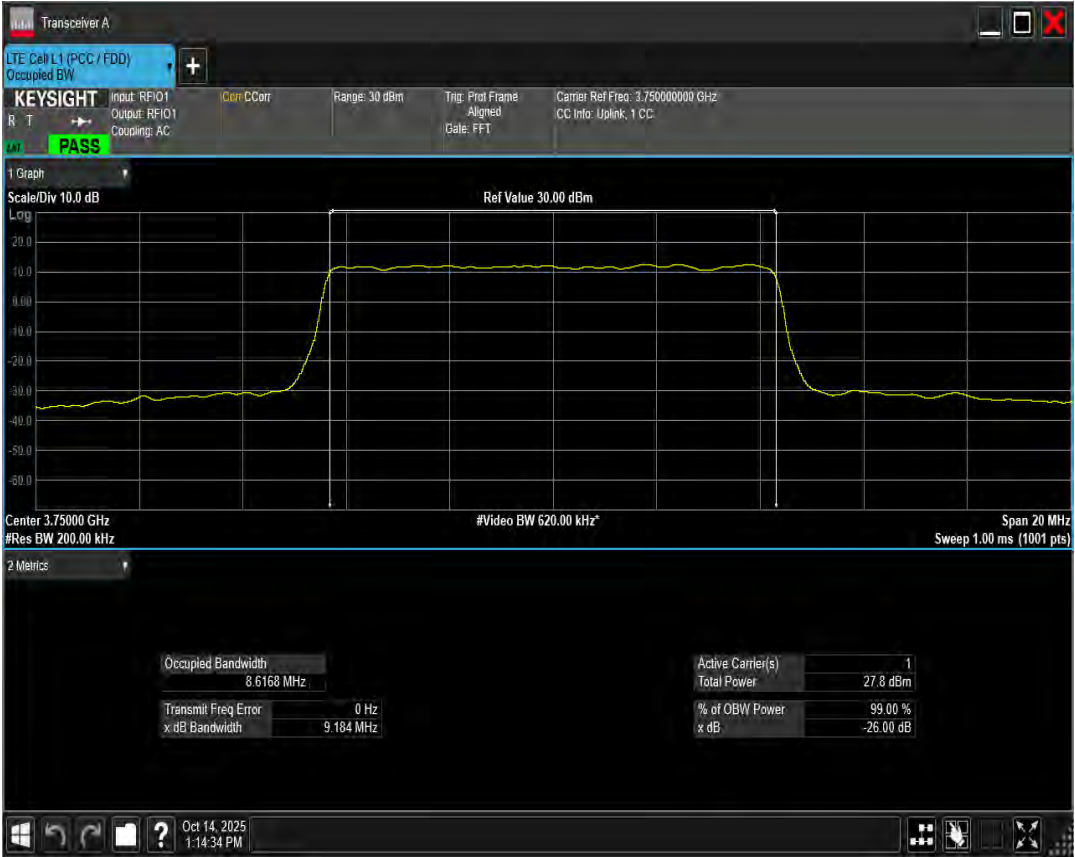
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=650000 RB=128@0



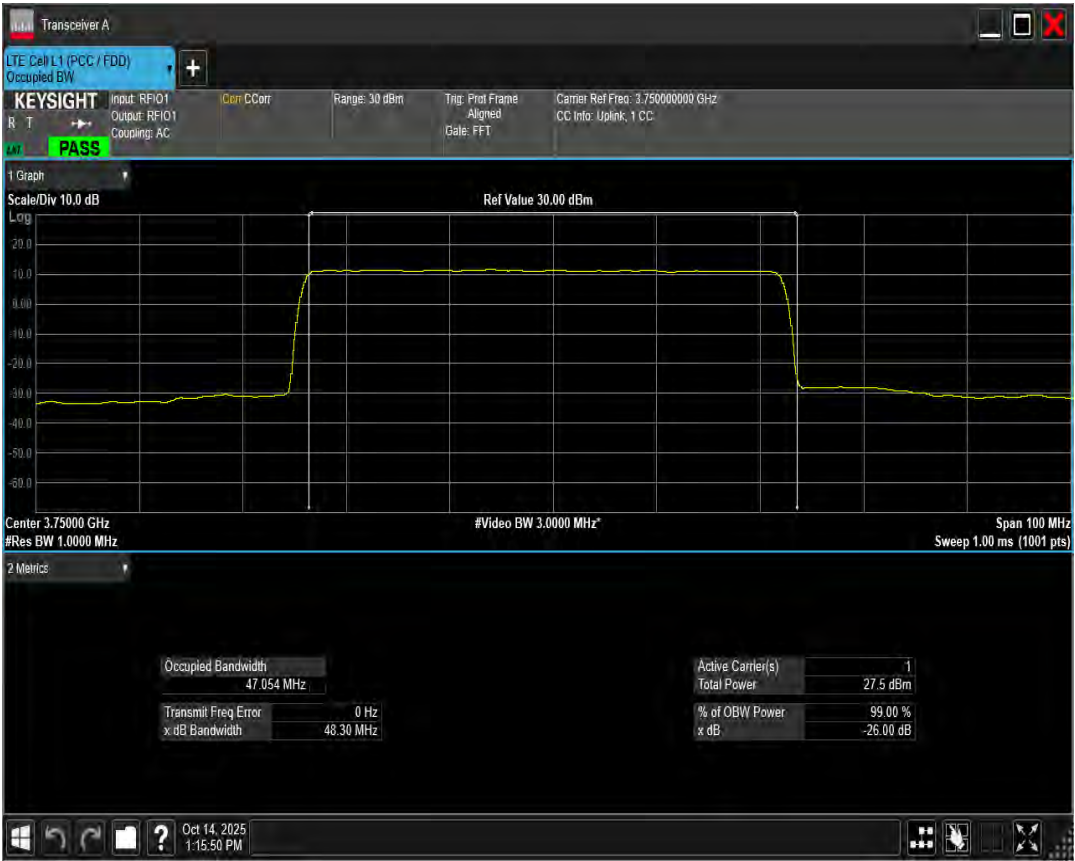
n78(3700-3800) SCS=30kHz DFT BPSK BW=50MHz Channel=651666 RB=128@0



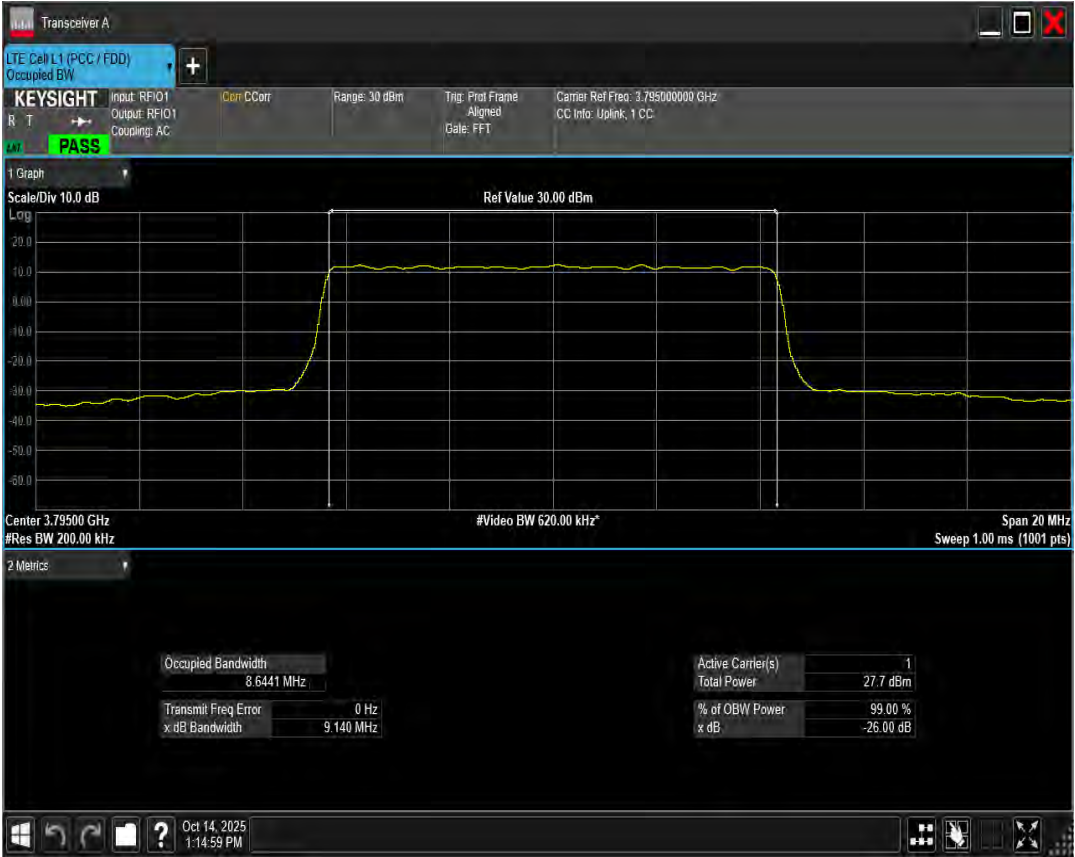
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=650000 RB=24@0



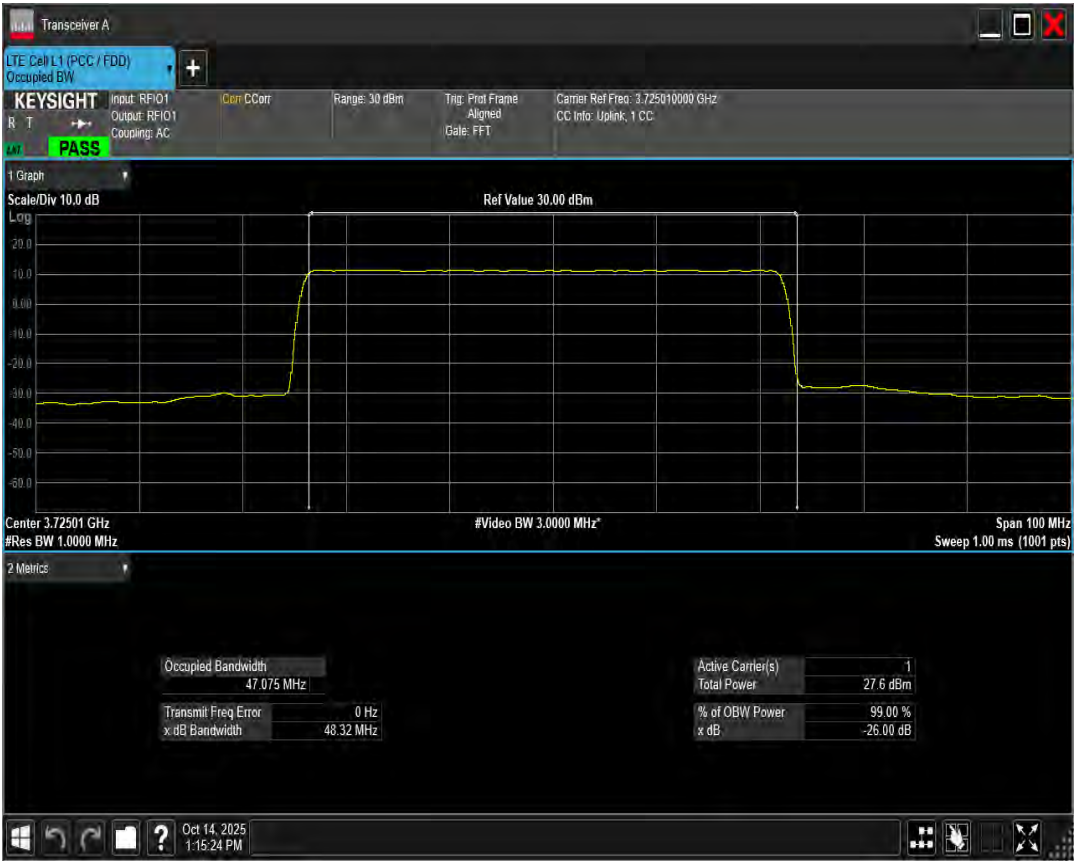
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=650000 RB=128@0



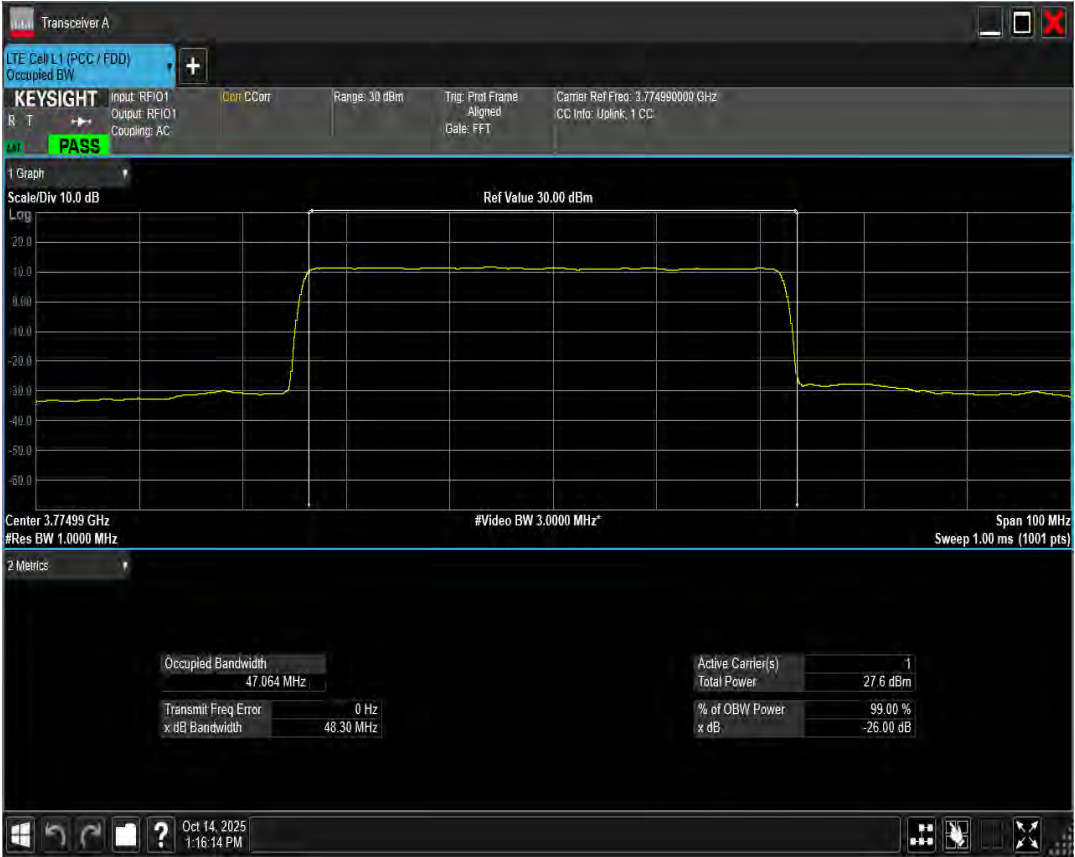
n78(3700-3800) SCS=30kHz DFT QPSK BW=10MHz Channel=653000 RB=24@0



n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=648334 RB=128@0



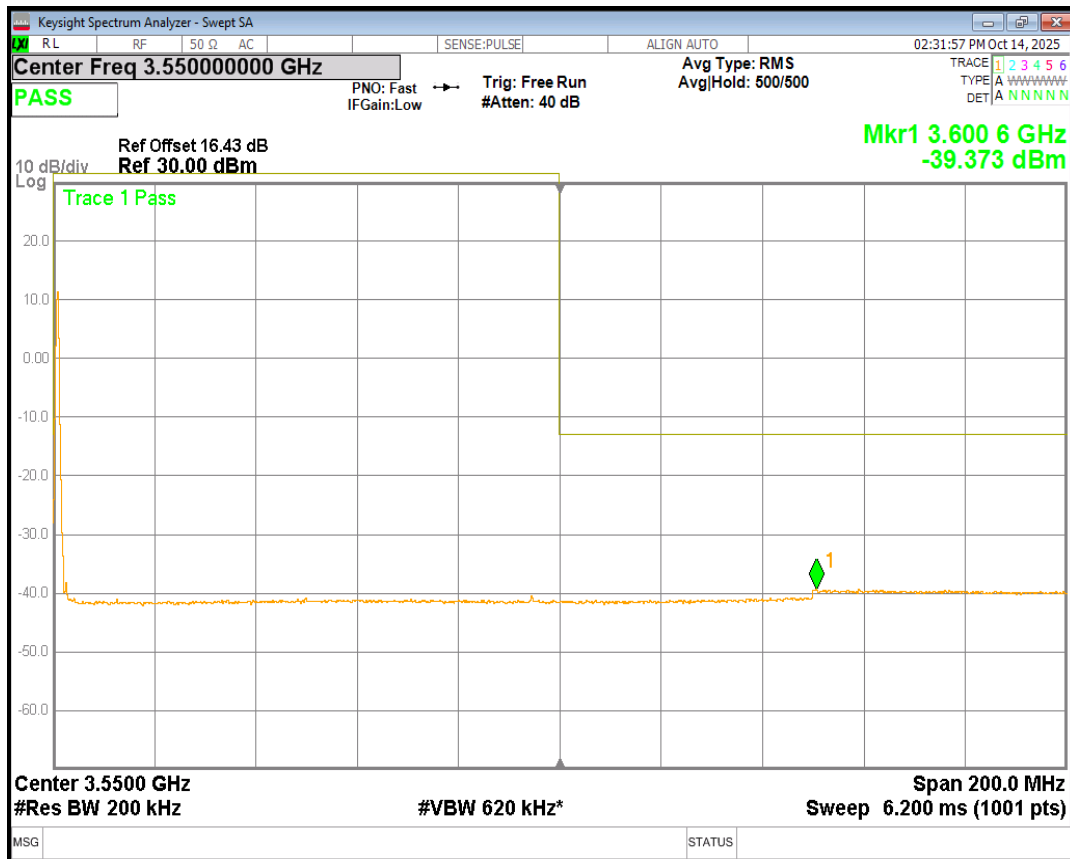
n78(3700-3800) SCS=30kHz DFT QPSK BW=50MHz Channel=651666 RB=128@0



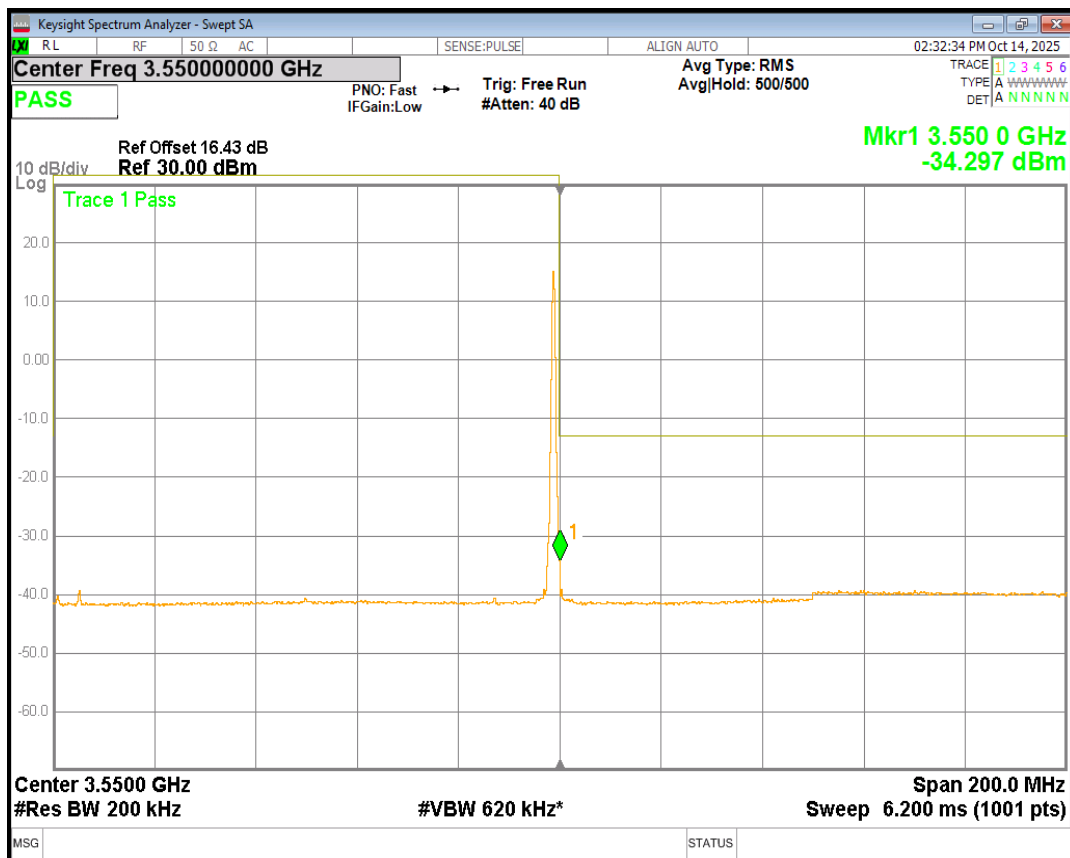
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	CP QPSK	3449.76	-38.66	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP QPSK	3450.00	-29.50	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP QPSK	3444.40	-40.83	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP QPSK	3550.24	-35.01	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP QPSK	3550.12	-40.94	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP QPSK	3550.00	-31.27	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP QPSK	3445.50	-36.15	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP QPSK	3450.00	-37.29	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP QPSK	3401.10	-40.89	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP QPSK	3550.60	-35.31	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP QPSK	3598.80	-40.34	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP QPSK	3550.00	-37.44	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP QPSK	3450.00	-22.48	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP QPSK	3450.00	-32.07	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP QPSK	3393.00	-40.63	-13	PASS
n78(3450-3550)	30	100	633332	273@0	CP QPSK	3550.00	-20.96	-13	PASS
n78(3450-3550)	30	100	633332	1@0	CP QPSK	3600.60	-39.37	-13	PASS
n78(3450-3550)	30	100	633332	1@272	CP QPSK	3550.00	-34.29	-13	PASS
n78(3700-3800)	30	10	647000	24@0	CP QPSK	3699.78	-39.70	-13	PASS
n78(3700-3800)	30	10	647000	1@0	CP QPSK	3700.00	-27.33	-13	PASS
n78(3700-3800)	30	10	647000	1@23	CP QPSK	3694.36	-38.80	-13	PASS
n78(3700-3800)	30	10	653000	24@0	CP QPSK	3800.00	-39.53	-13	PASS
n78(3700-3800)	30	10	653000	1@0	CP QPSK	3800.74	-39.28	-13	PASS
n78(3700-3800)	30	10	653000	1@23	CP QPSK	3800.04	-33.05	-13	PASS
n78(3700-3800)	30	50	648334	133@0	CP QPSK	3696.80	-23.16	-13	PASS
n78(3700-3800)	30	50	648334	1@0	CP QPSK	3700.00	-33.85	-13	PASS
n78(3700-3800)	30	50	648334	1@132	CP QPSK	3673.30	-39.01	-13	PASS
n78(3700-3800)	30	50	651666	133@0	CP QPSK	3800.30	-34.87	-13	PASS
n78(3700-3800)	30	50	651666	1@0	CP QPSK	3804.60	-39.29	-13	PASS
n78(3700-3800)	30	50	651666	1@132	CP QPSK	3800.00	-34.13	-13	PASS
n78(3700-3800)	30	100	650000	273@0	CP QPSK	3700.00	-38.53	-13	PASS
n78(3700-3800)	30	100	650000	1@0	CP QPSK	3700.00	-26.93	-13	PASS
n78(3700-3800)	30	100	650000	1@272	CP QPSK	3602.80	-38.45	-13	PASS
n78(3700-3800)	30	100	650000	273@0	CP QPSK	3800.00	-18.47	-13	PASS
n78(3700-3800)	30	100	650000	1@0	CP QPSK	3803.80	-39.03	-13	PASS
n78(3700-3800)	30	100	650000	1@272	CP QPSK	3800.00	-37.14	-13	PASS

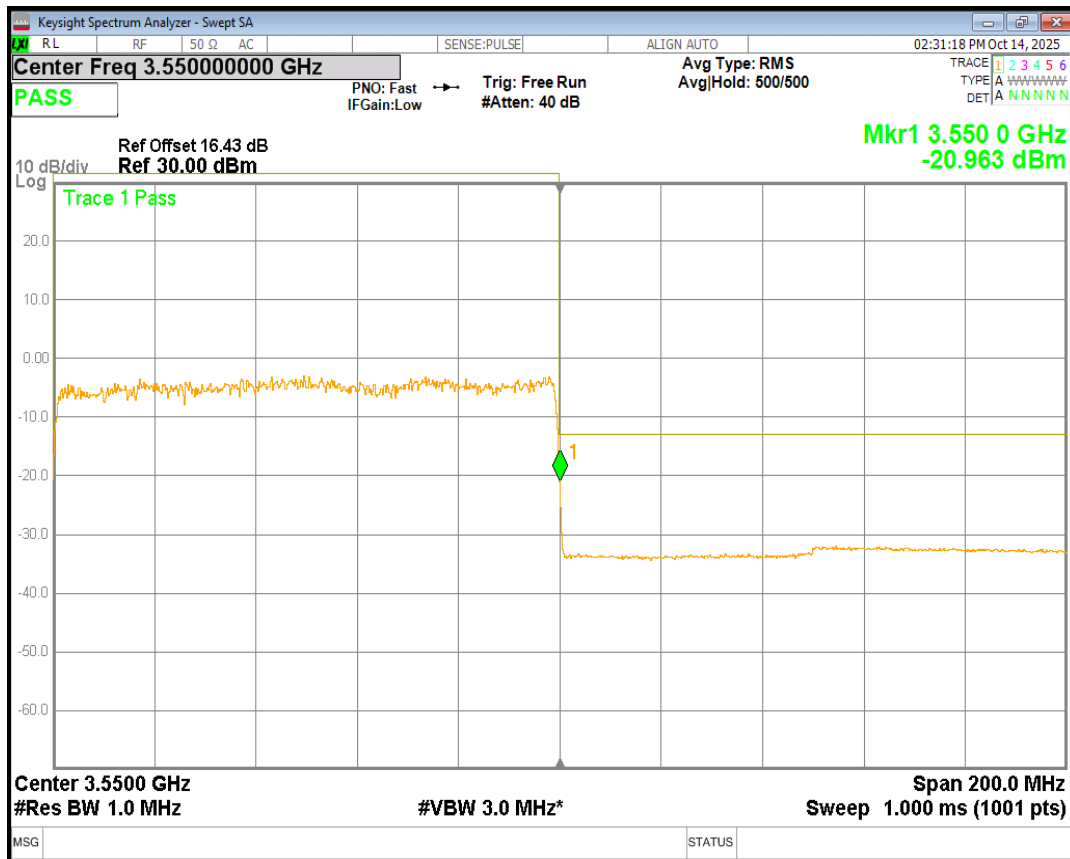
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@0



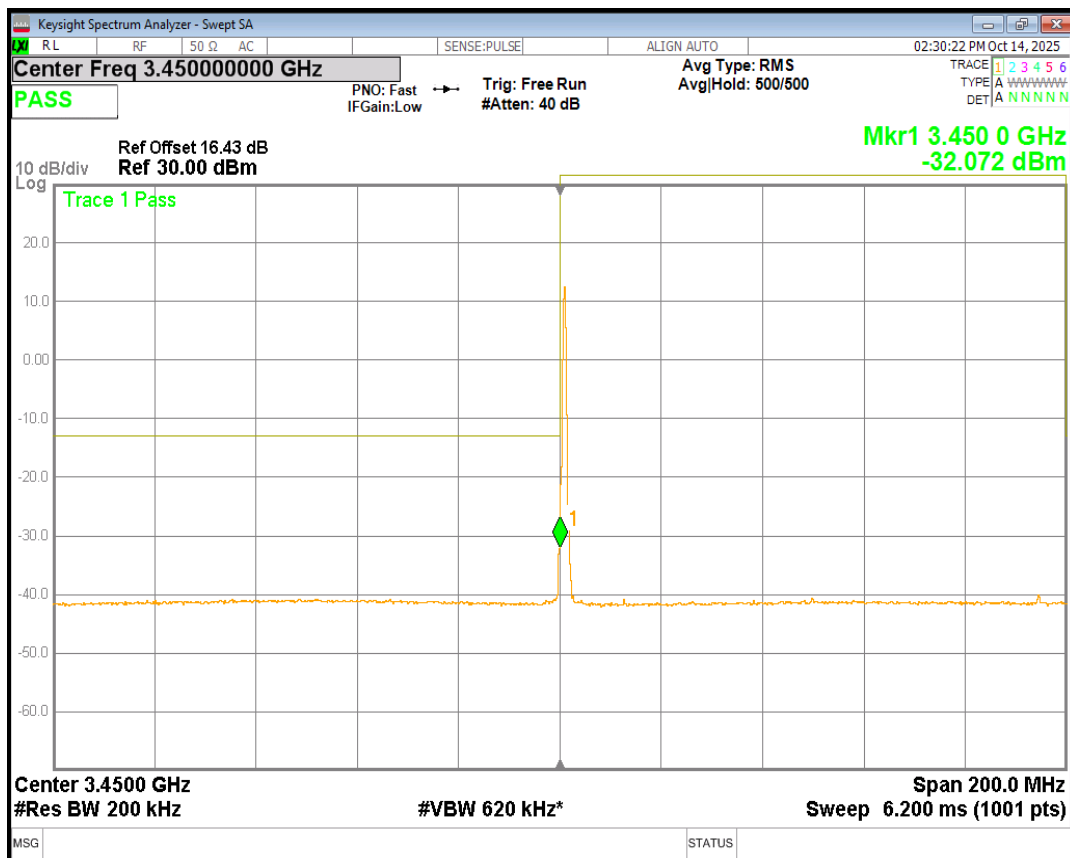
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@272



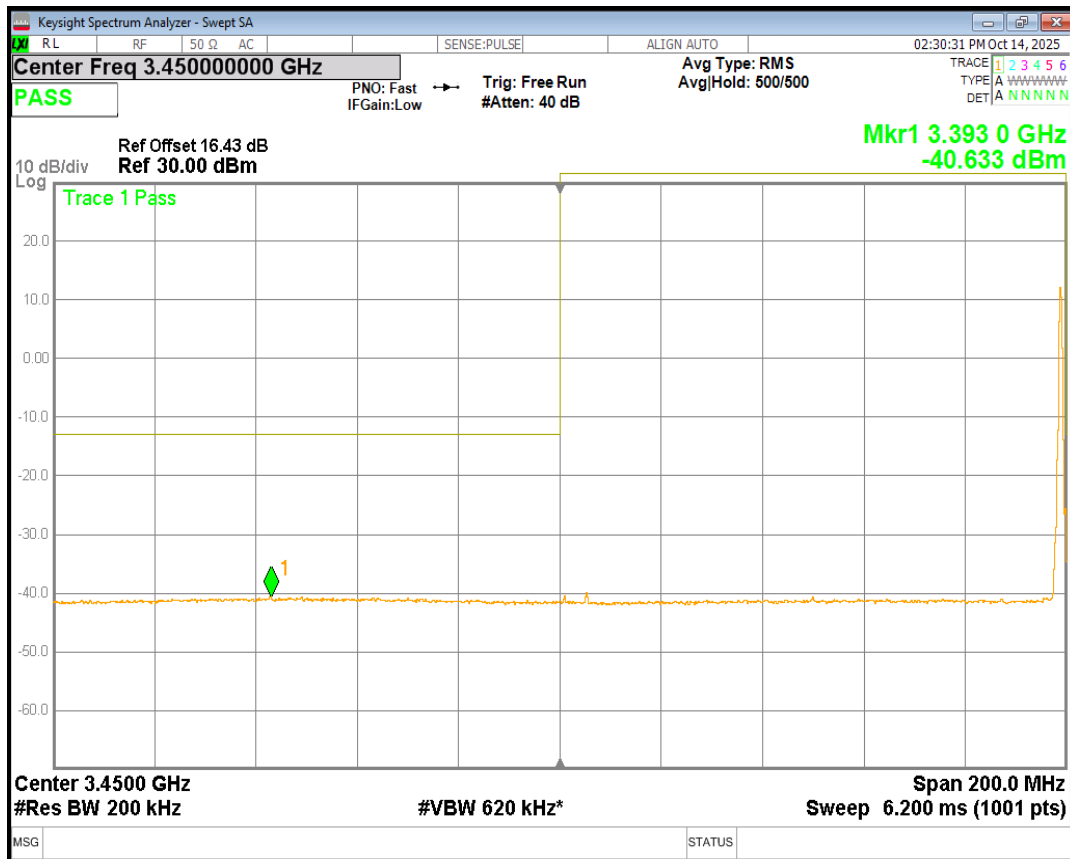
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=273@0



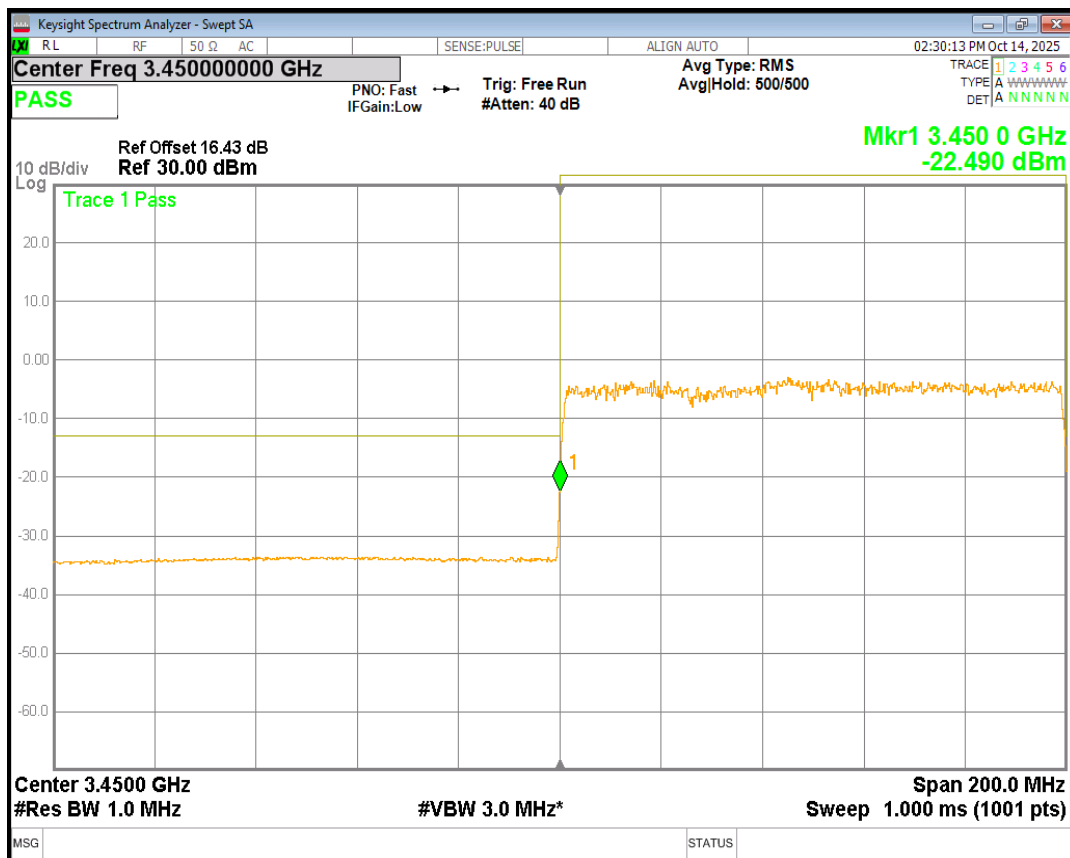
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@0



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



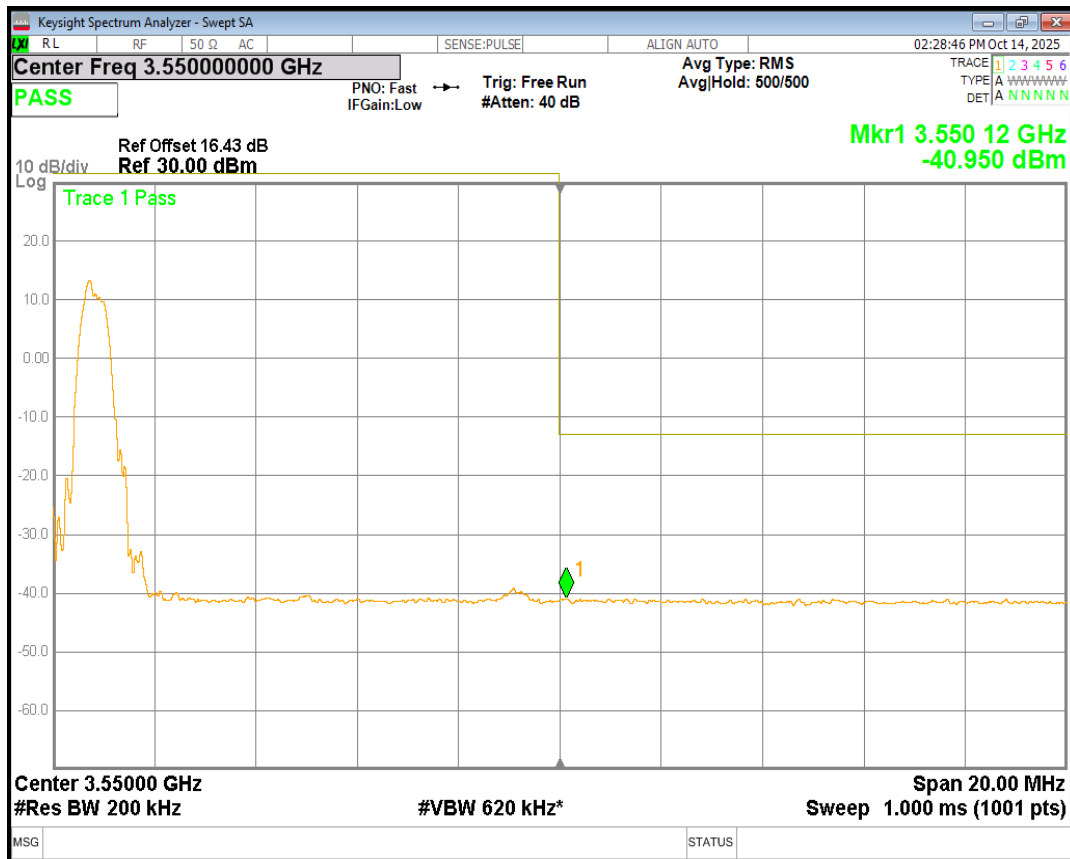
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=24@0



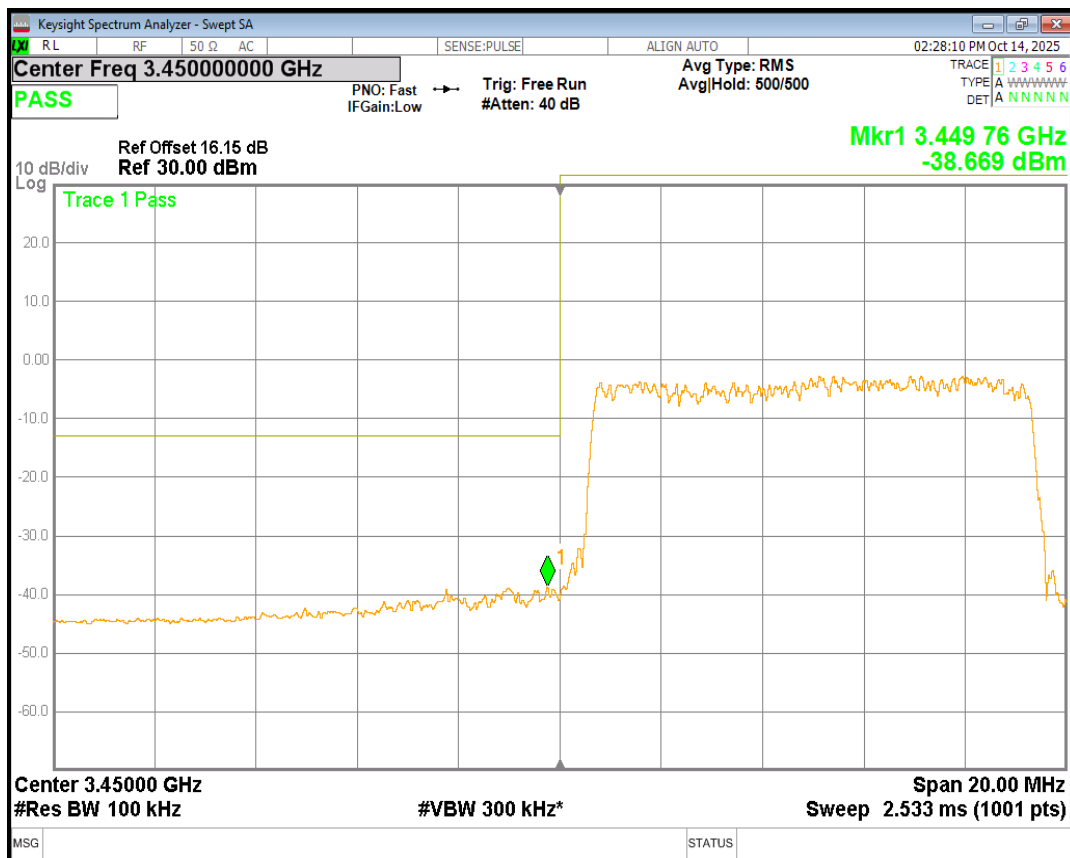
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@23



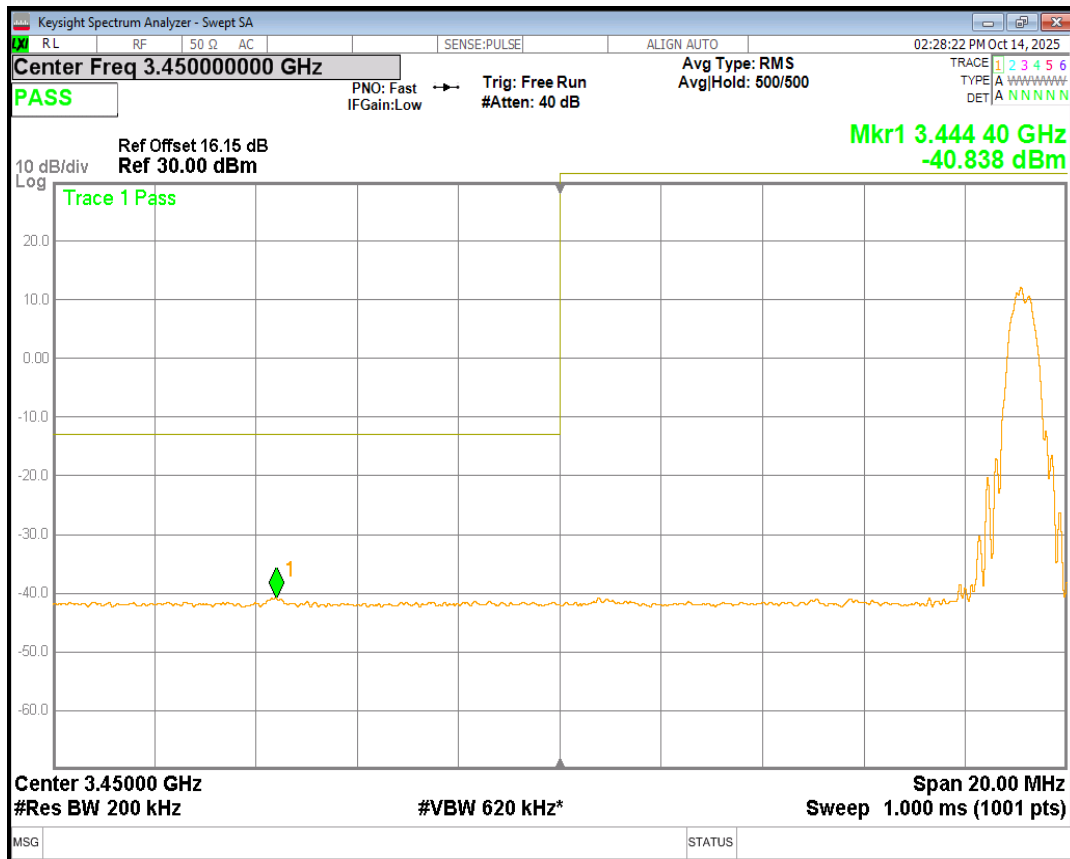
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@0



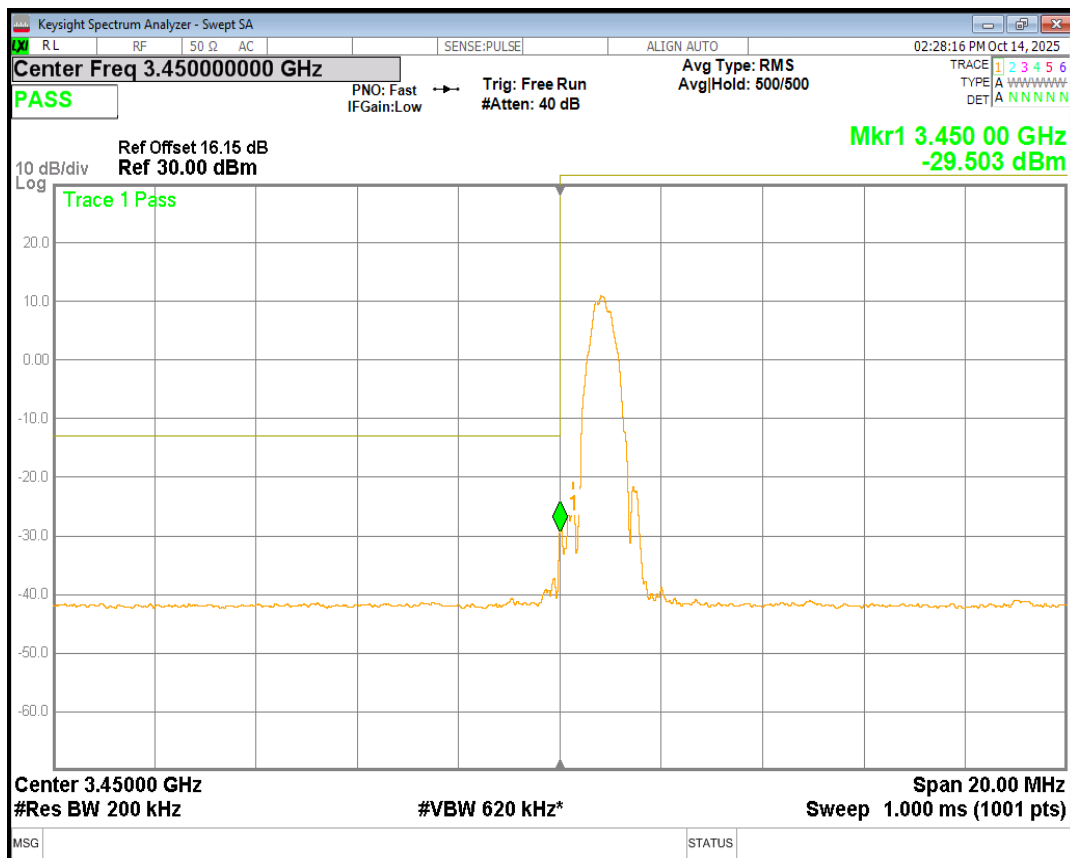
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=24@0



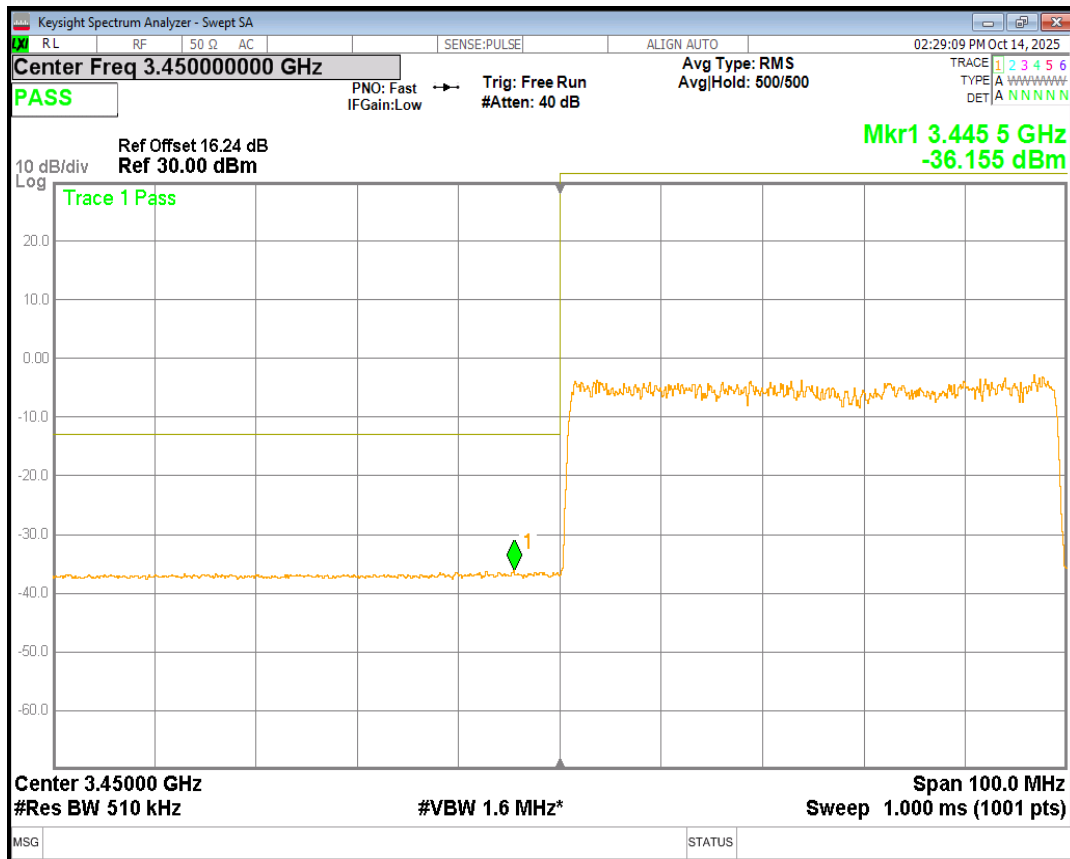
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@23



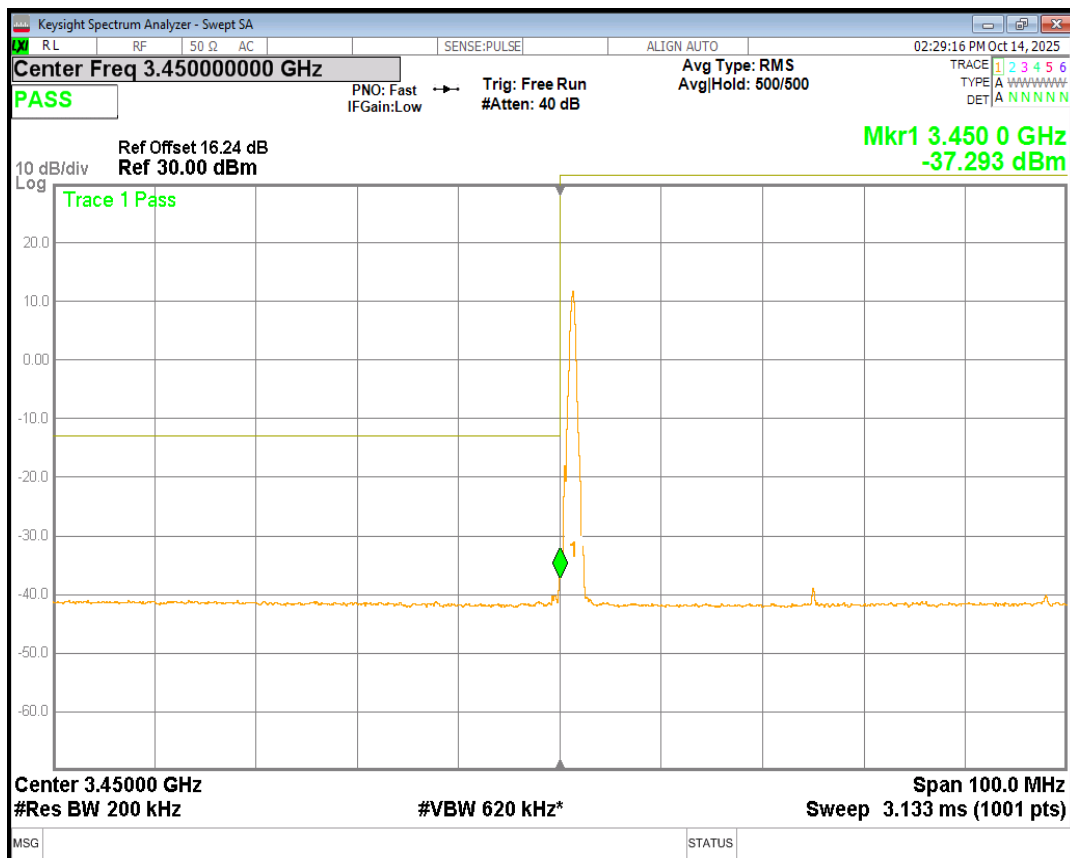
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@0



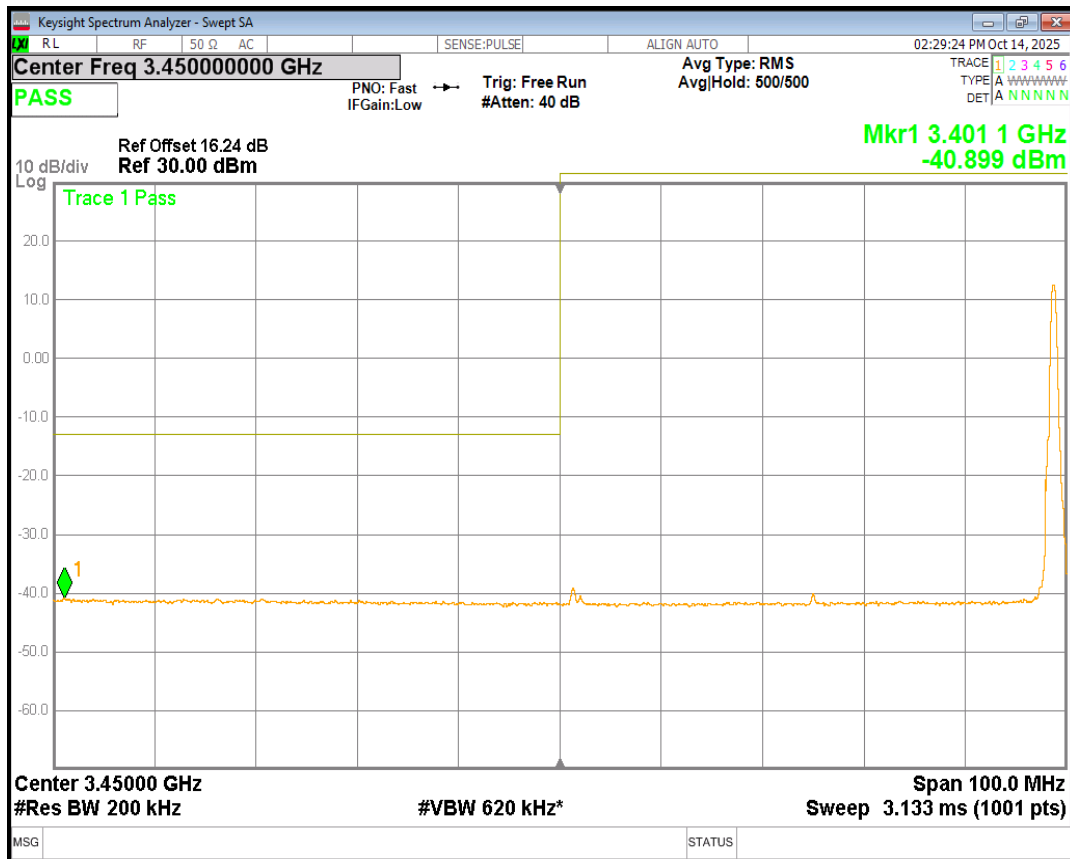
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=133@0



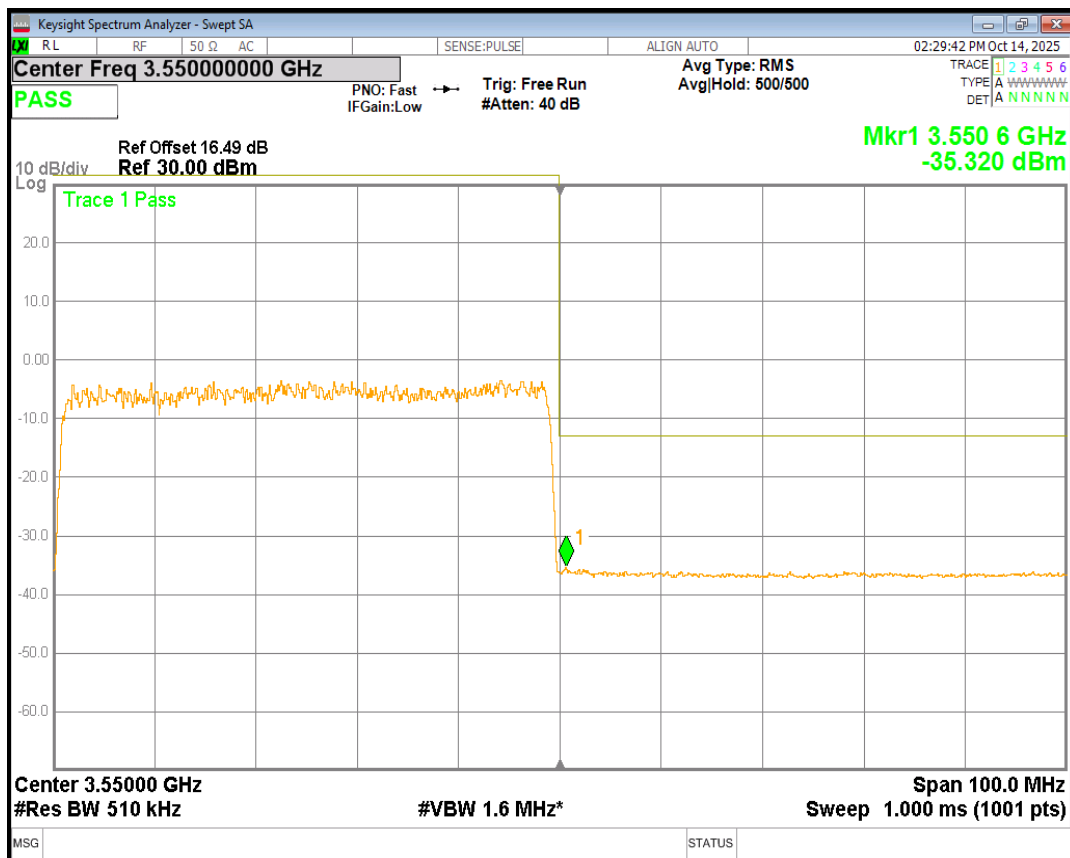
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@0



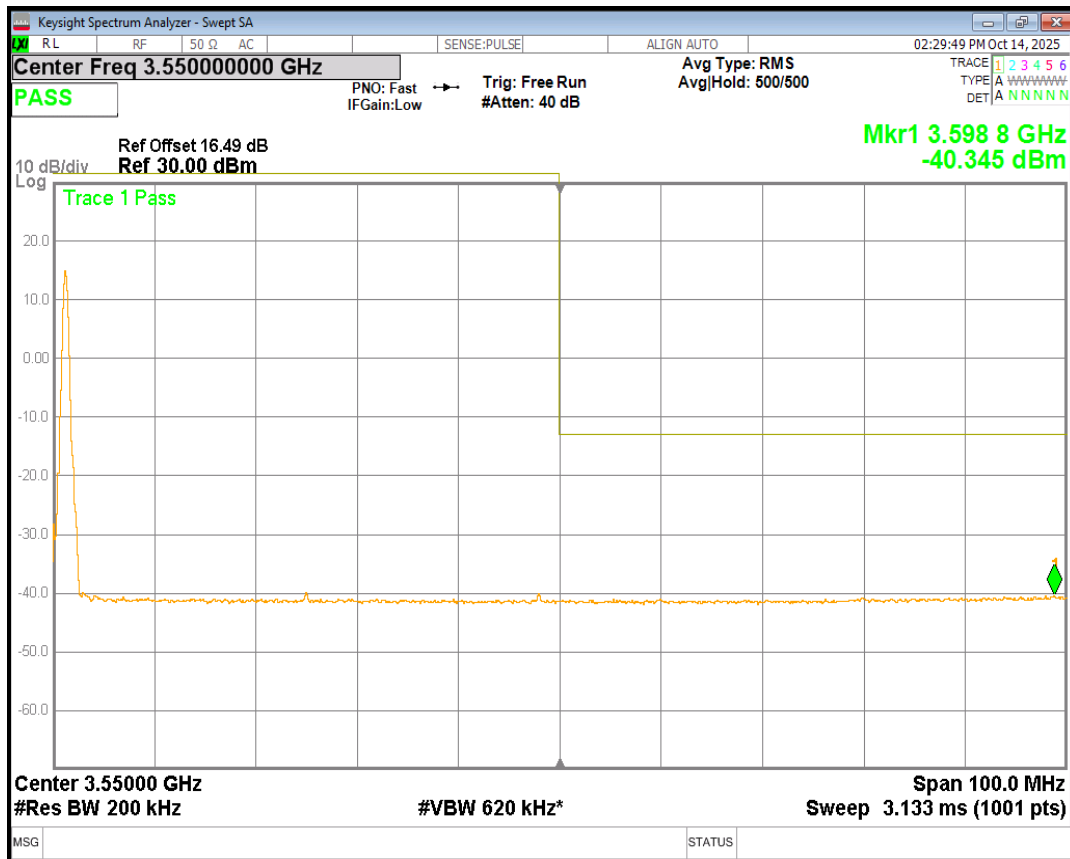
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@132



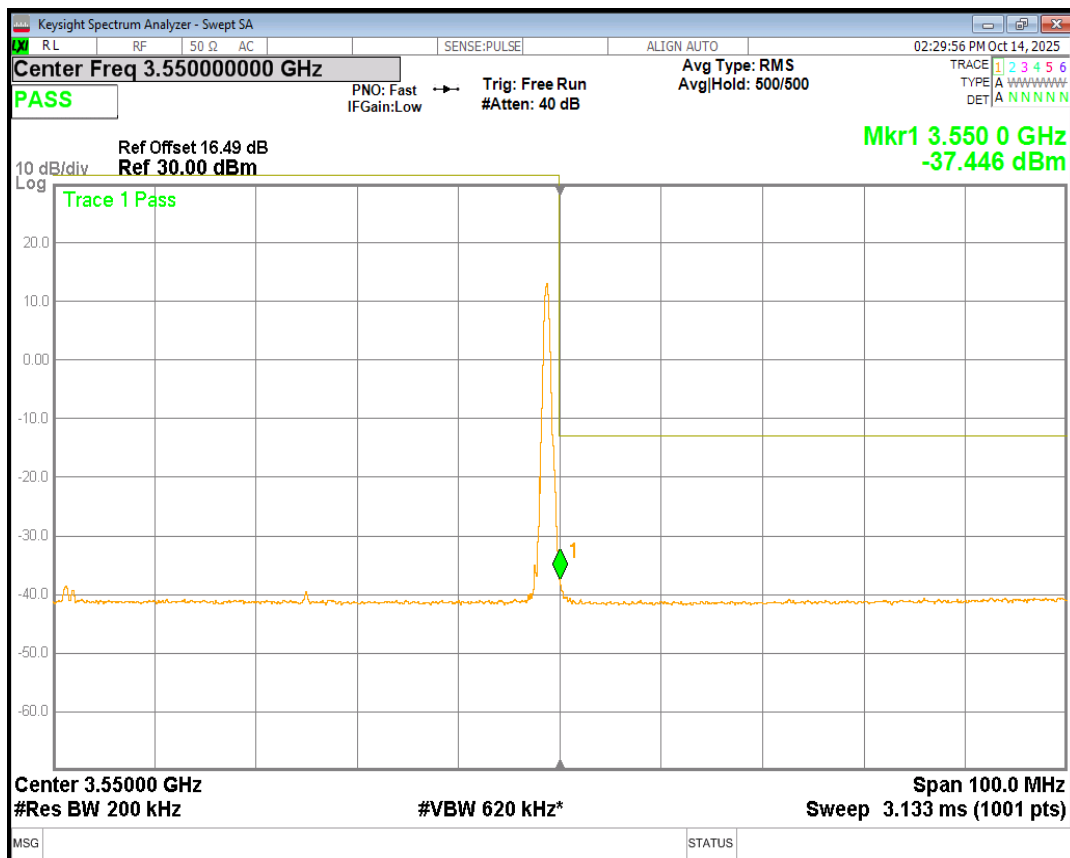
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=133@0



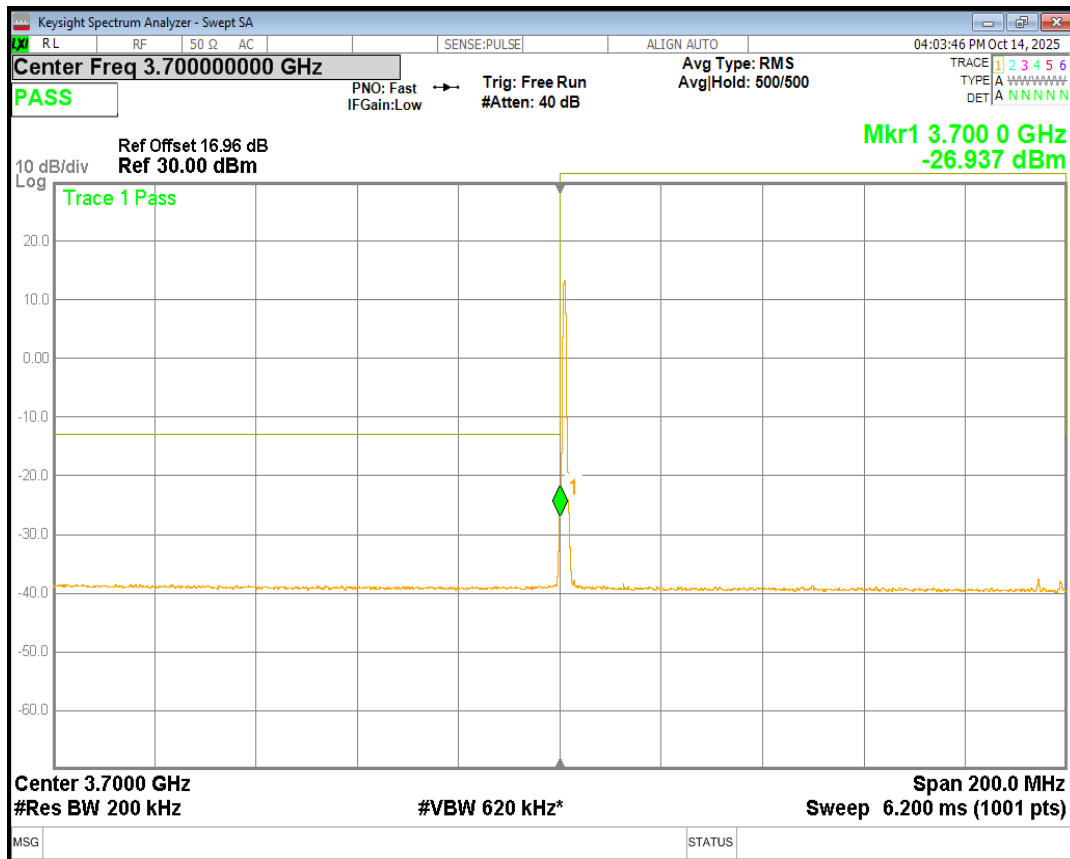
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@0



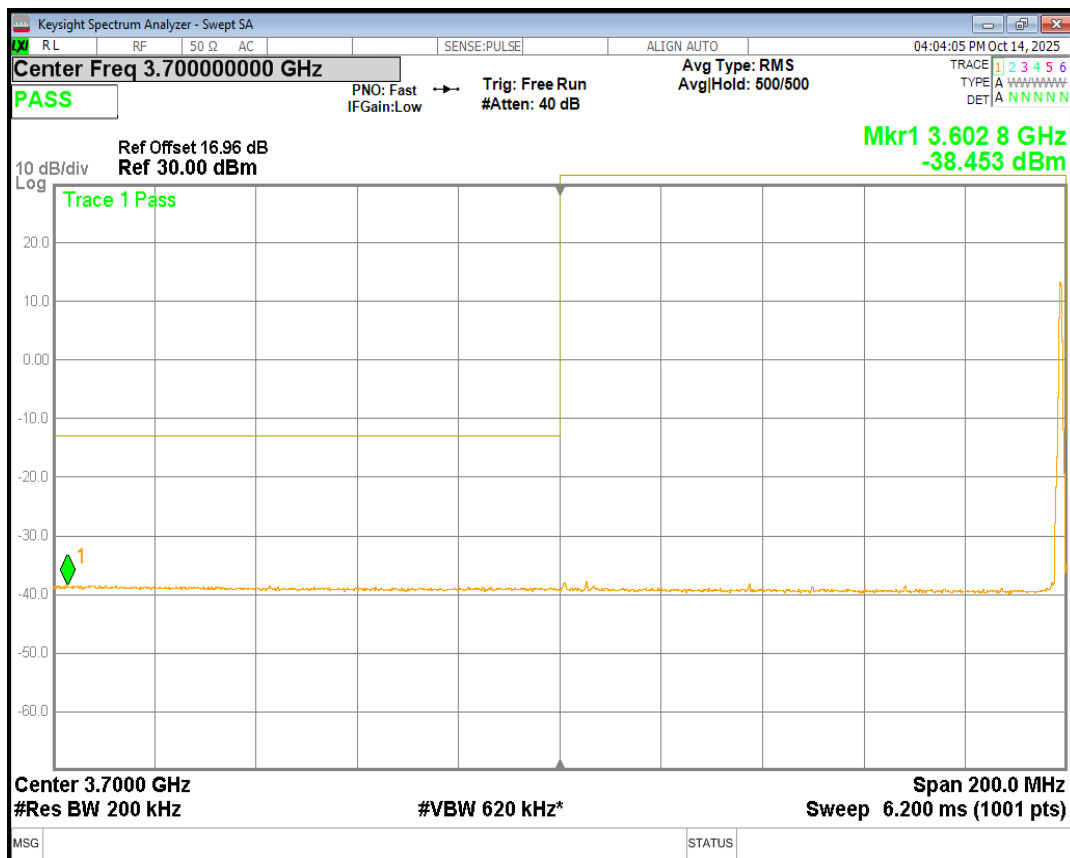
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@132



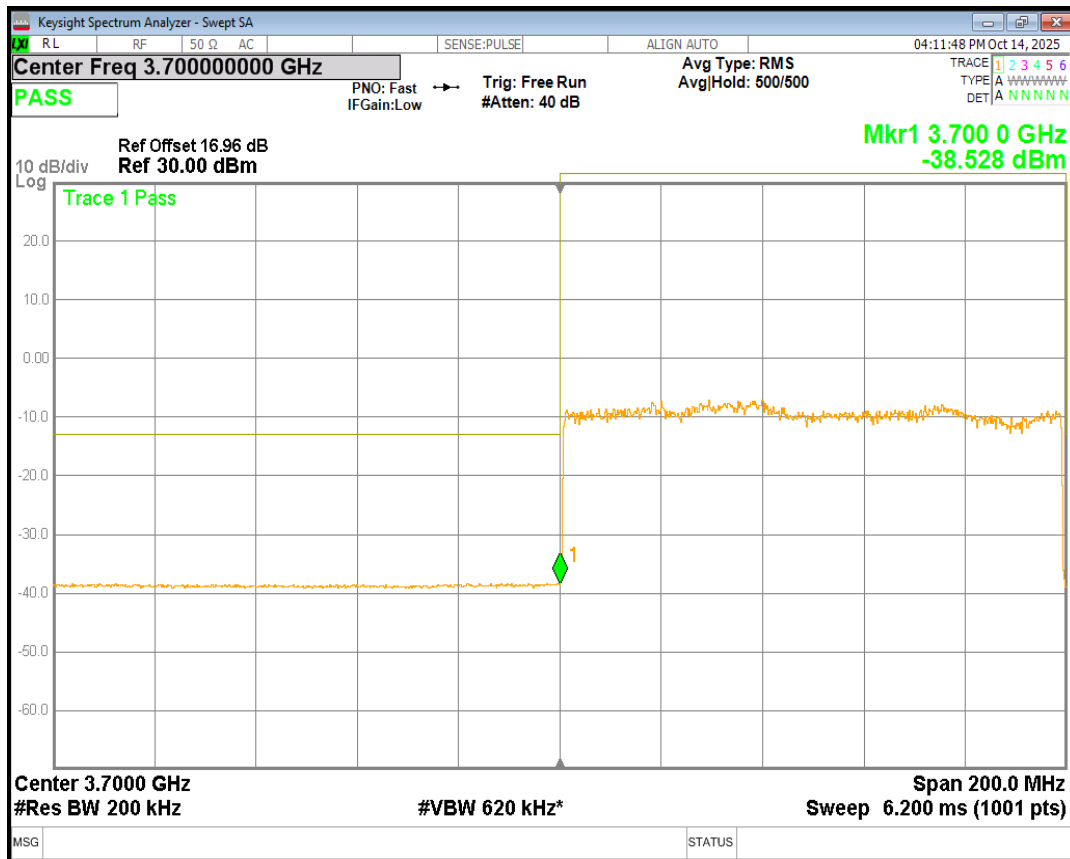
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@0



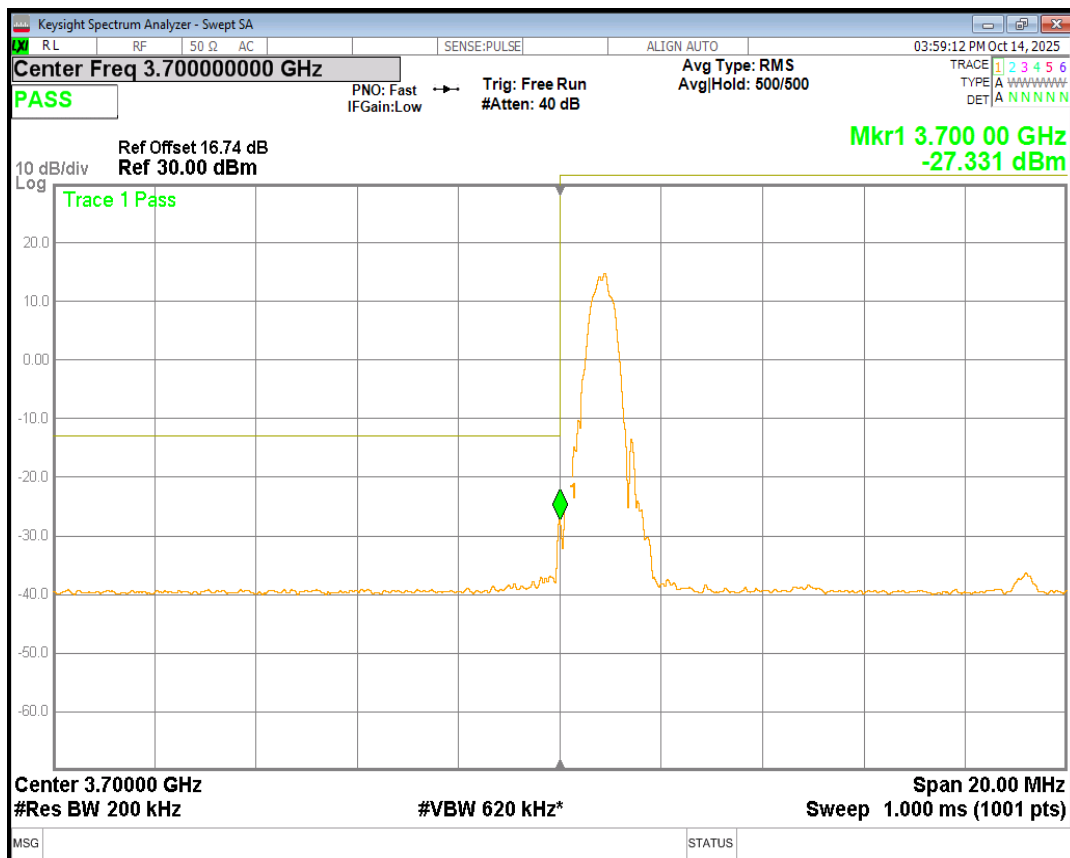
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@272



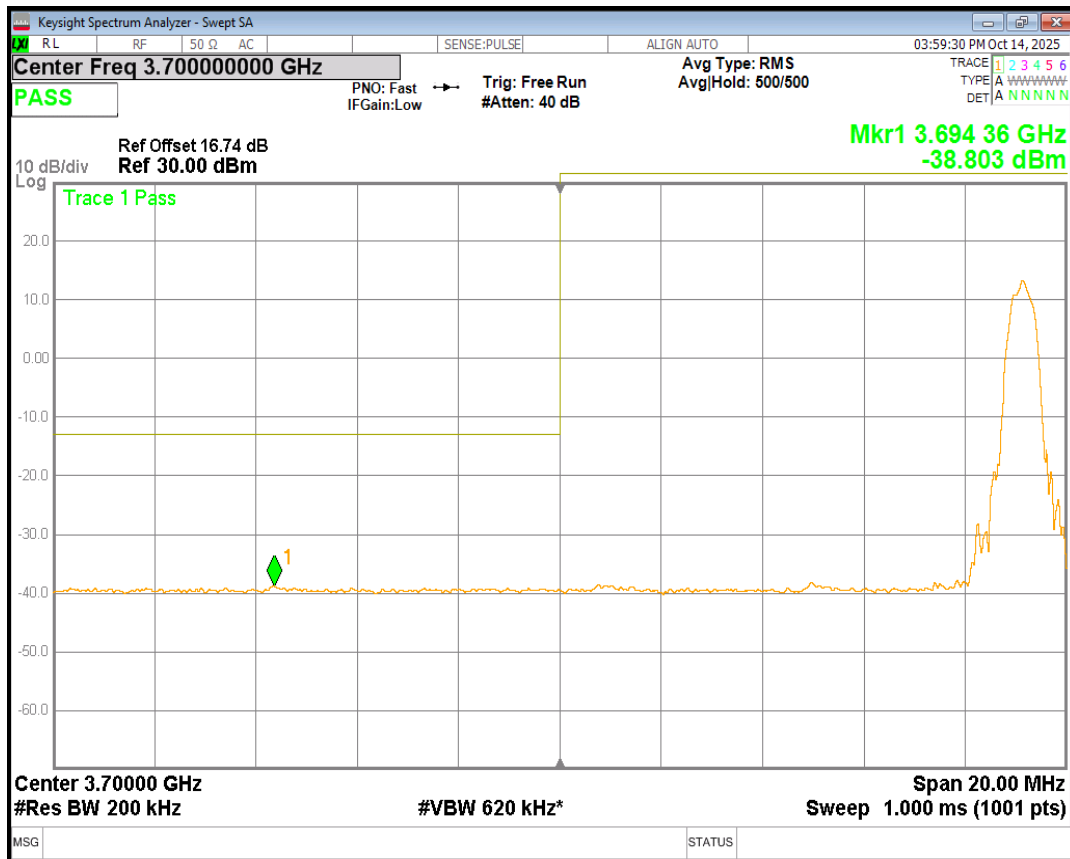
n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=273@0



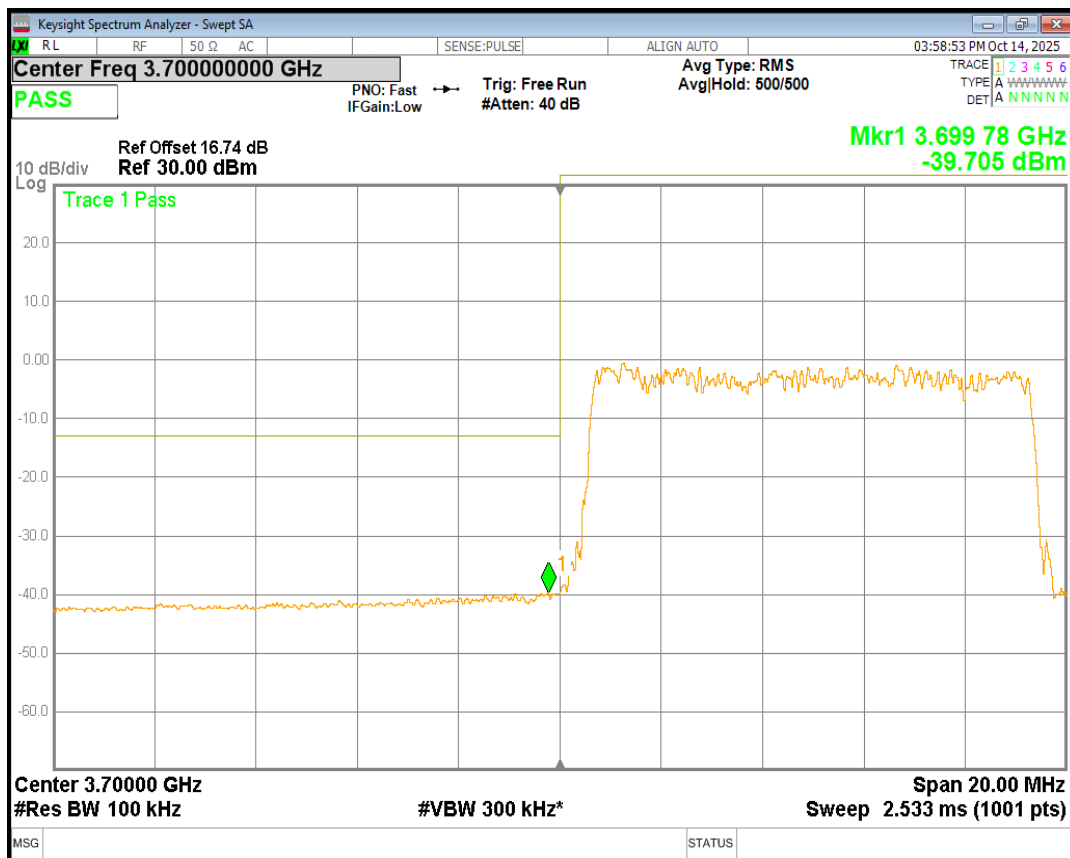
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@0



n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@23



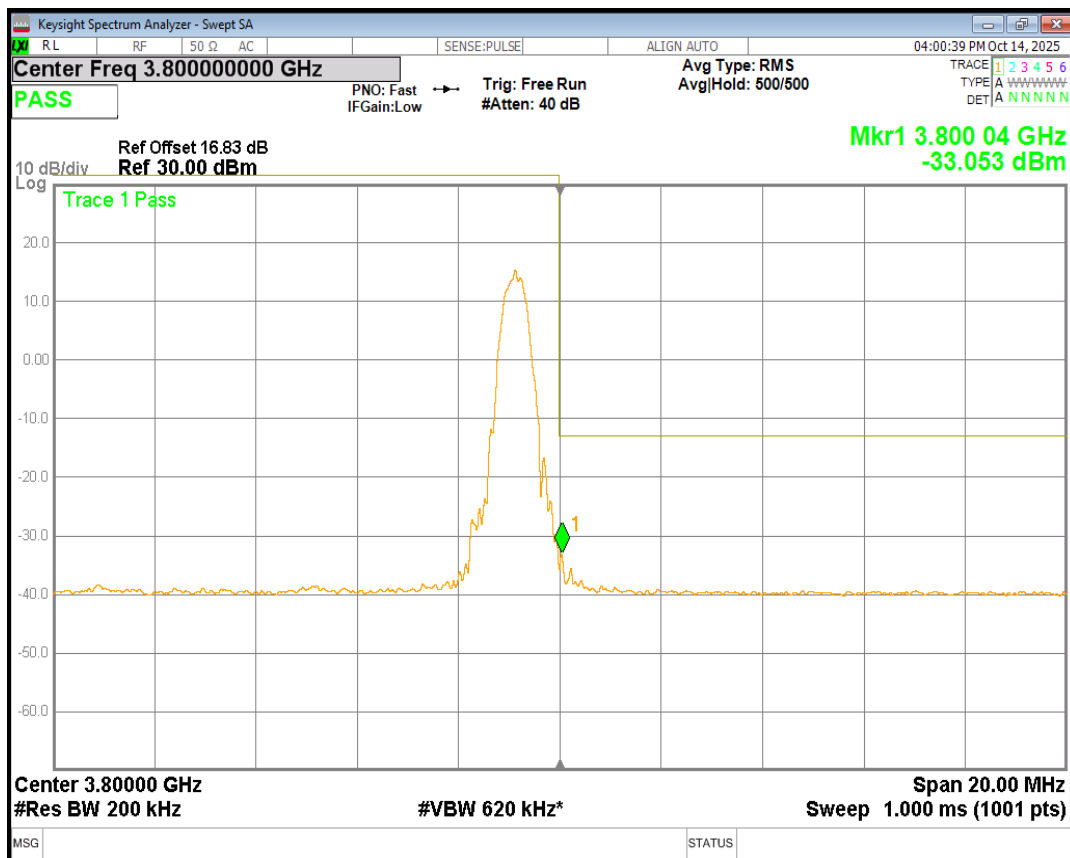
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=24@0



n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@0



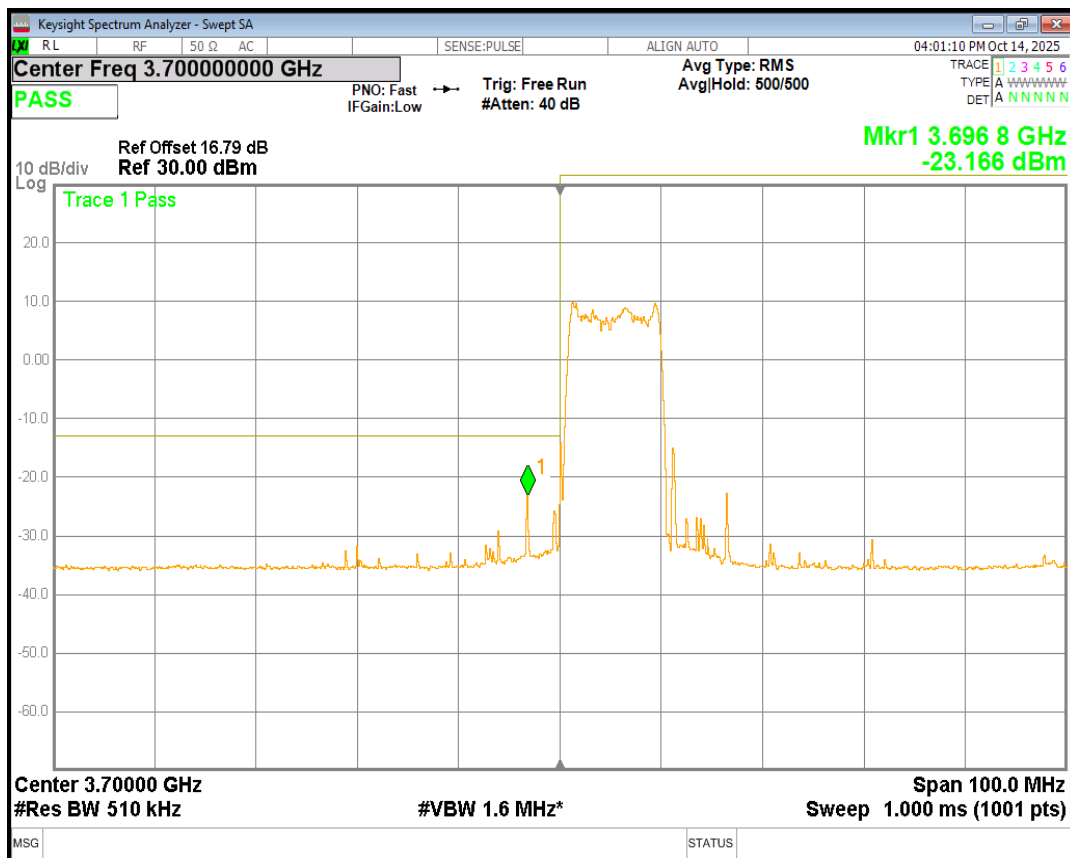
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@23



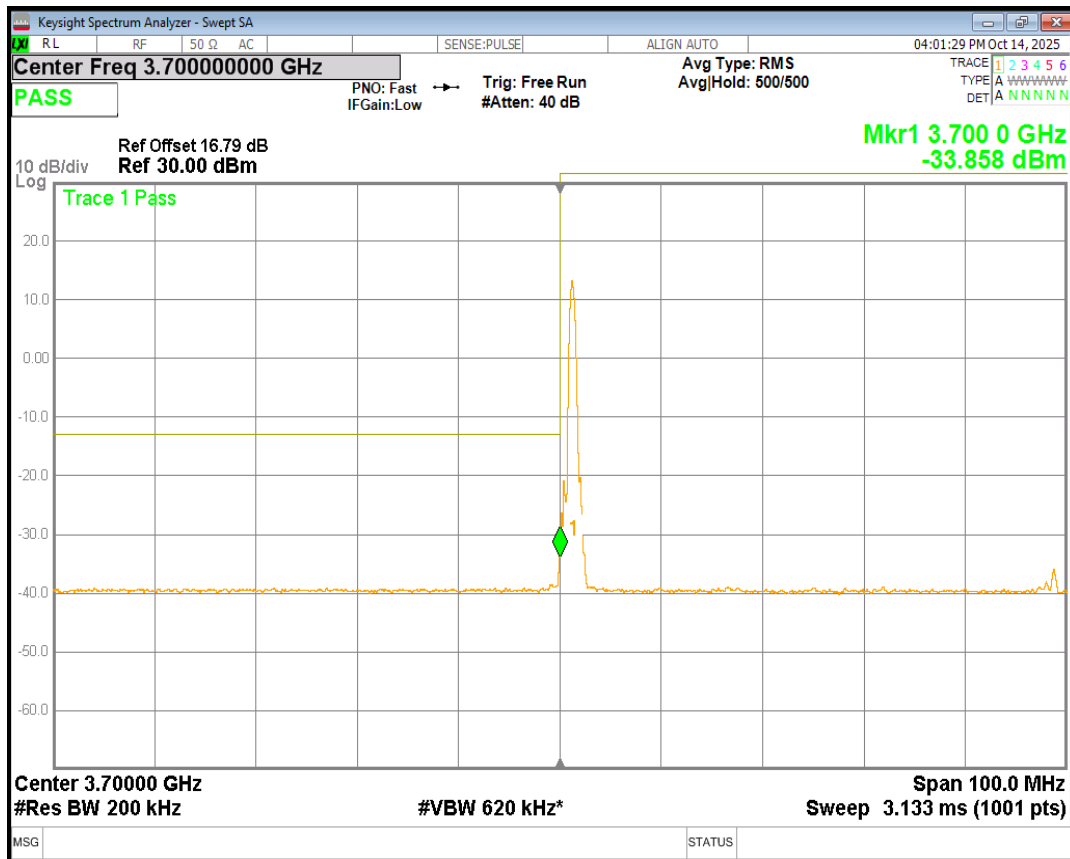
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=24@0



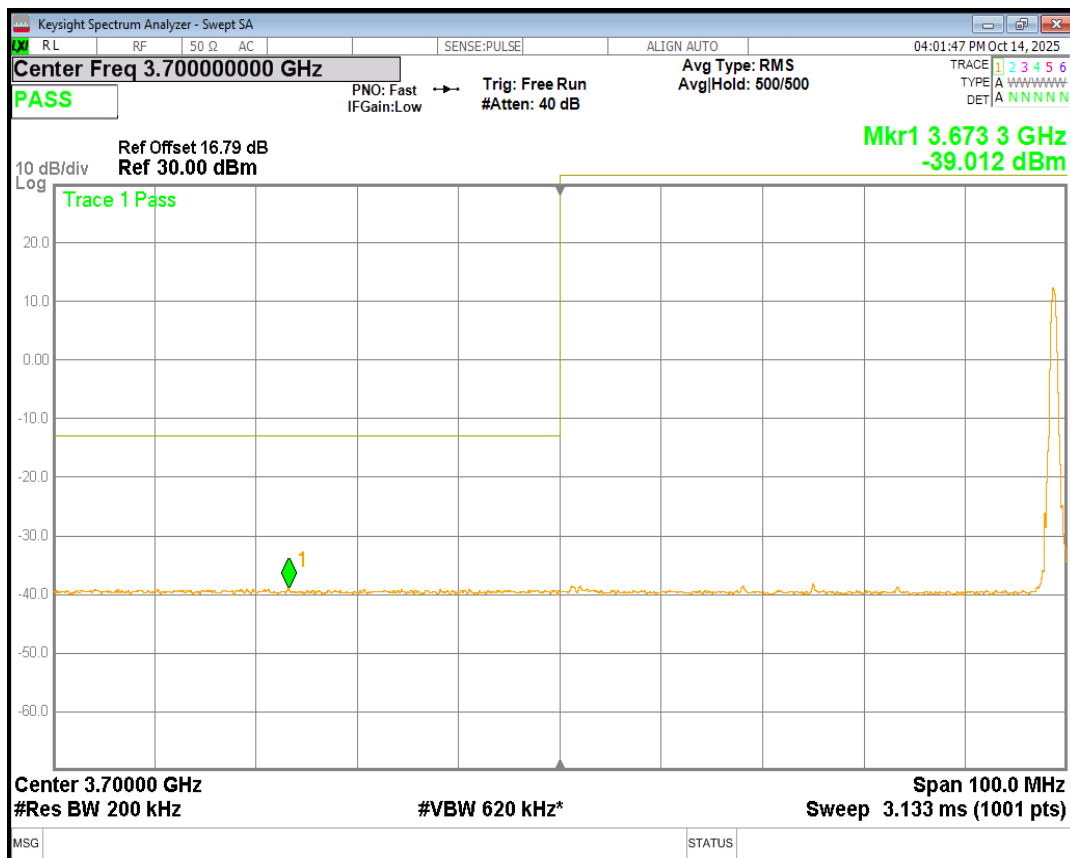
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=133@0



n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@0



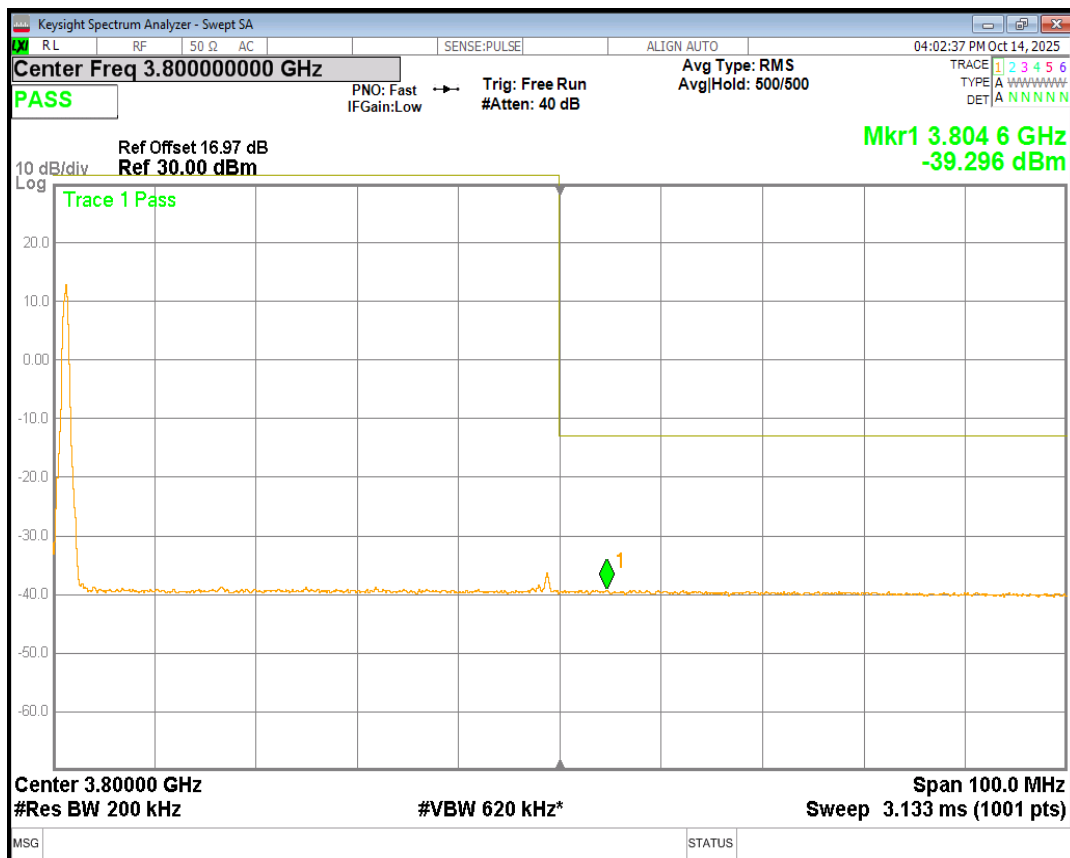
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@132



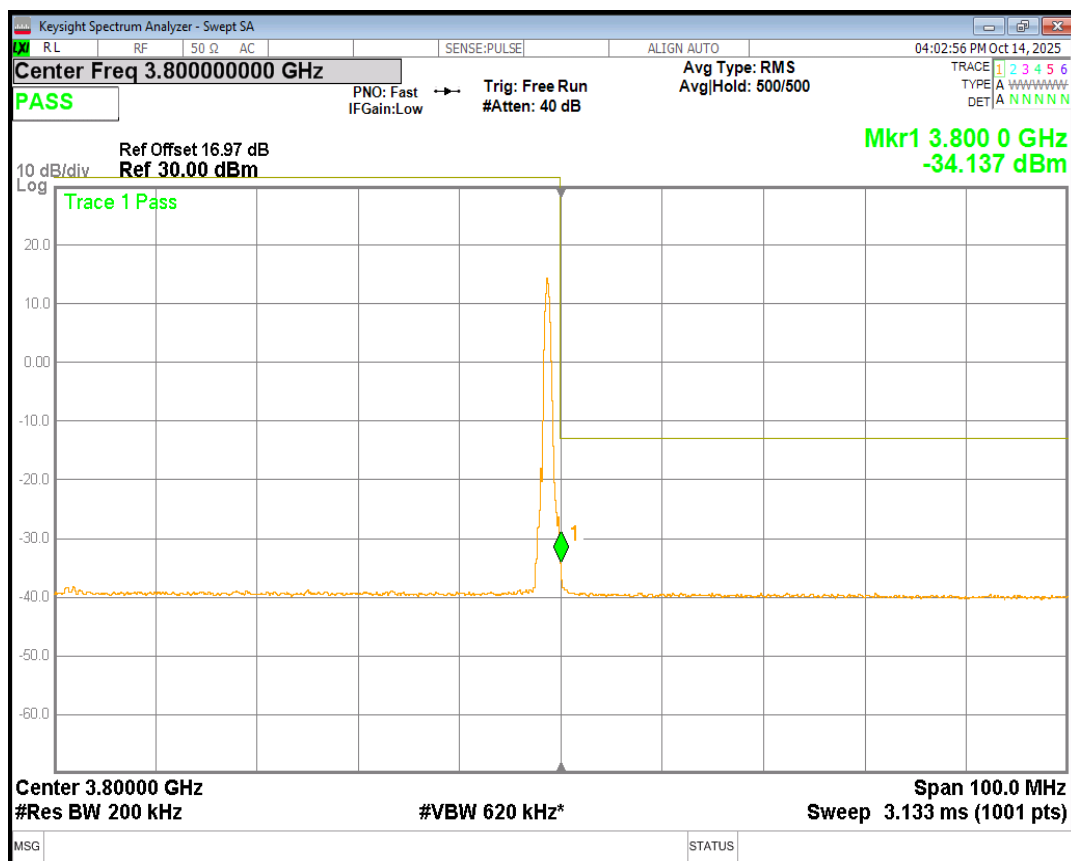
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=133@0



n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@0



n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@132

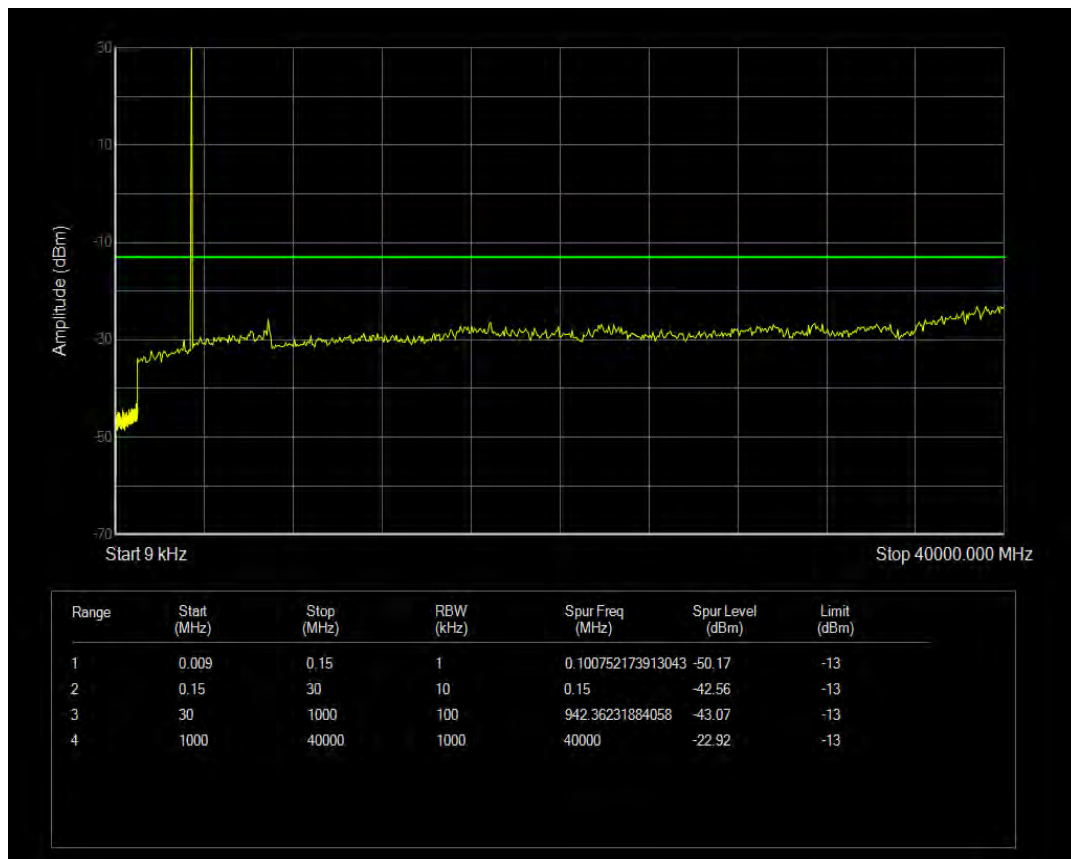


6 Out-of-band emissions for EN-DC

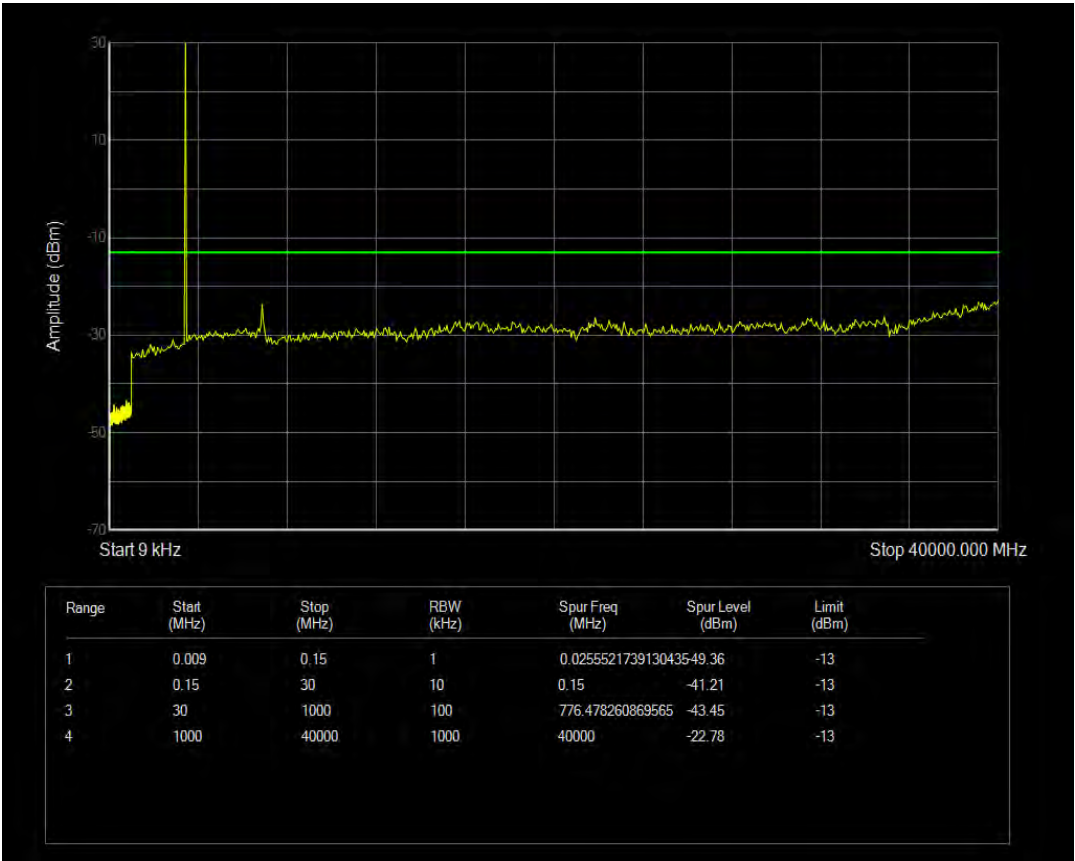
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	CP QPSK	39943.48	-22.62	-13	PASS
n78(3450-3550)	30	10	630334	1@0	CP QPSK	40000.00	-22.92	-13	PASS
n78(3450-3550)	30	10	630334	1@23	CP QPSK	40000.00	-22.78	-13	PASS
n78(3450-3550)	30	10	636332	24@0	CP QPSK	40000.00	-21.79	-13	PASS
n78(3450-3550)	30	10	636332	1@0	CP QPSK	39773.91	-22.33	-13	PASS
n78(3450-3550)	30	10	636332	1@23	CP QPSK	40000.00	-22.12	-13	PASS
n78(3450-3550)	30	50	631668	133@0	CP QPSK	21843.48	-25.82	-13	PASS
n78(3450-3550)	30	50	631668	1@0	CP QPSK	6876.09	-24.61	-13	PASS
n78(3450-3550)	30	50	631668	1@132	CP QPSK	6986.96	-24.57	-13	PASS
n78(3450-3550)	30	50	635000	133@0	CP QPSK	16115.22	-26.78	-13	PASS
n78(3450-3550)	30	50	635000	1@0	CP QPSK	21880.43	-26.26	-13	PASS
n78(3450-3550)	30	50	635000	1@132	CP QPSK	15597.83	-25.83	-13	PASS
n78(3450-3550)	30	100	633334	273@0	CP QPSK	16854.35	-26.63	-13	PASS
n78(3450-3550)	30	100	633334	1@0	CP QPSK	16115.22	-26.76	-13	PASS
n78(3450-3550)	30	100	633334	1@272	CP QPSK	6950.00	-26.28	-13	PASS
n78(3450-3550)	30	100	633332	273@0	CP QPSK	15708.70	-26.23	-13	PASS
n78(3450-3550)	30	100	633332	1@0	CP QPSK	20217.39	-26.80	-13	PASS
n78(3450-3550)	30	100	633332	1@272	CP QPSK	16226.09	-26.26	-13	PASS
n78(3700-3800)	30	10	647000	24@0	CP QPSK	40000.00	-21.70	-13	PASS
n78(3700-3800)	30	10	647000	1@0	CP QPSK	40000.00	-21.94	-13	PASS

n78(3700-3800)	30	10	647000	1@23	CP QPSK	40000.00	-21.72	-13	PASS
n78(3700-3800)	30	10	653000	24@0	CP QPSK	40000.00	-20.58	-13	PASS
n78(3700-3800)	30	10	653000	1@0	CP QPSK	39717.39	-21.90	-13	PASS
n78(3700-3800)	30	10	653000	1@23	CP QPSK	40000.00	-22.21	-13	PASS
n78(3700-3800)	30	50	648334	133@0	CP QPSK	16817.39	-25.79	-13	PASS
n78(3700-3800)	30	50	648334	1@0	CP QPSK	18517.39	-26.31	-13	PASS
n78(3700-3800)	30	50	648334	1@132	CP QPSK	18554.35	-25.98	-13	PASS
n78(3700-3800)	30	50	651666	133@0	CP QPSK	6876.09	-26.07	-13	PASS
n78(3700-3800)	30	50	651666	1@0	CP QPSK	16928.26	-25.73	-13	PASS
n78(3700-3800)	30	50	651666	1@132	CP QPSK	6986.96	-25.81	-13	PASS
n78(3700-3800)	30	100	650000	273@0	CP QPSK	6876.09	-26.10	-13	PASS
n78(3700-3800)	30	100	650000	1@0	CP QPSK	18480.43	-25.52	-13	PASS
n78(3700-3800)	30	100	650000	1@272	CP QPSK	21880.43	-26.06	-13	PASS

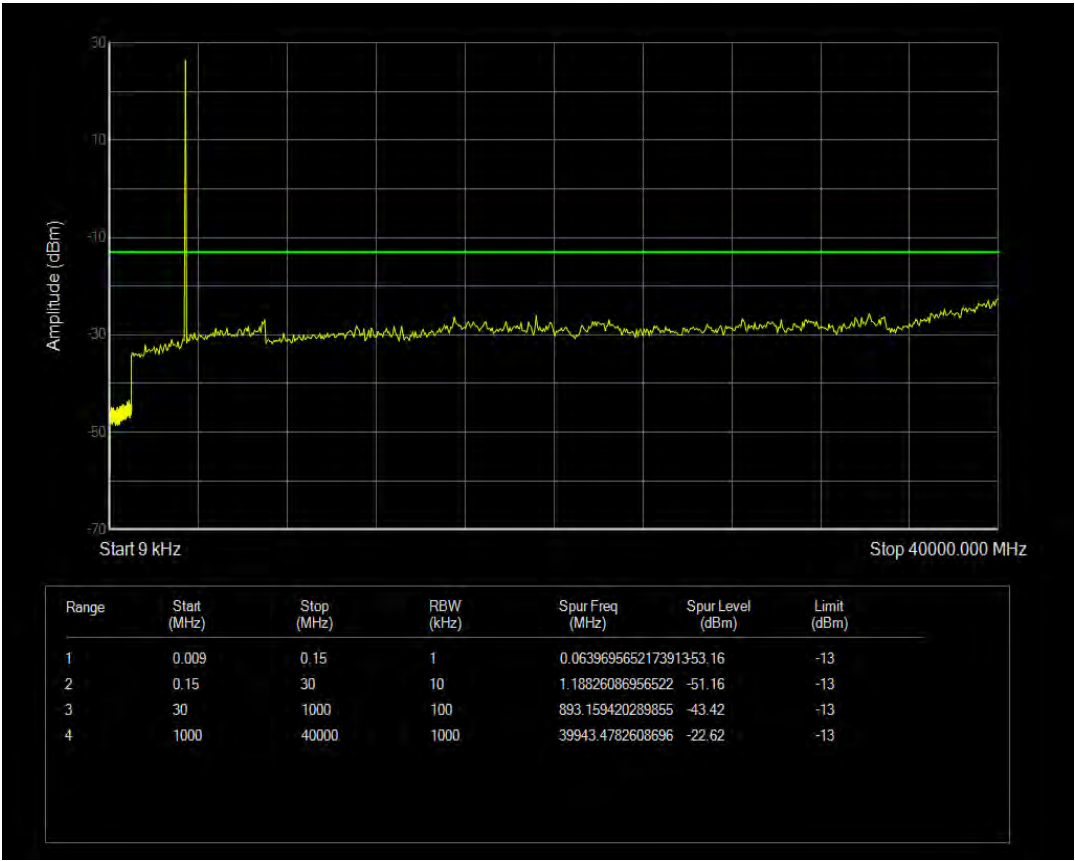
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@0



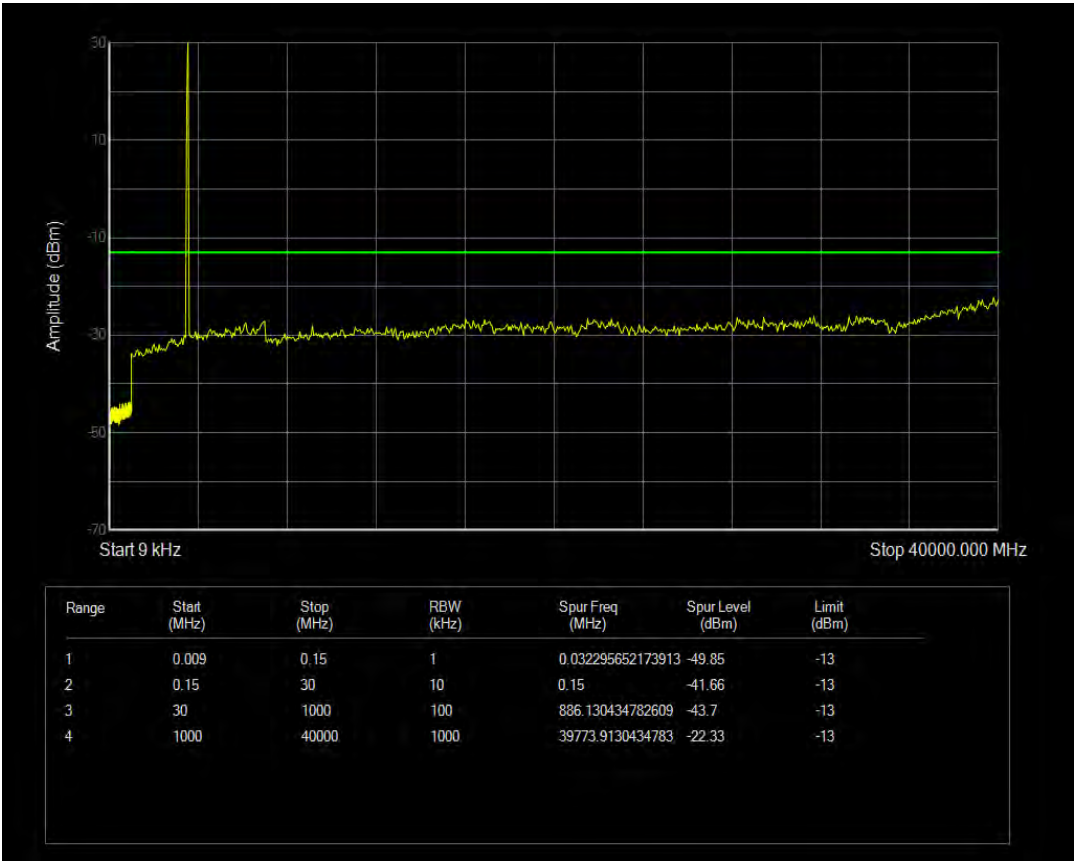
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=1@23



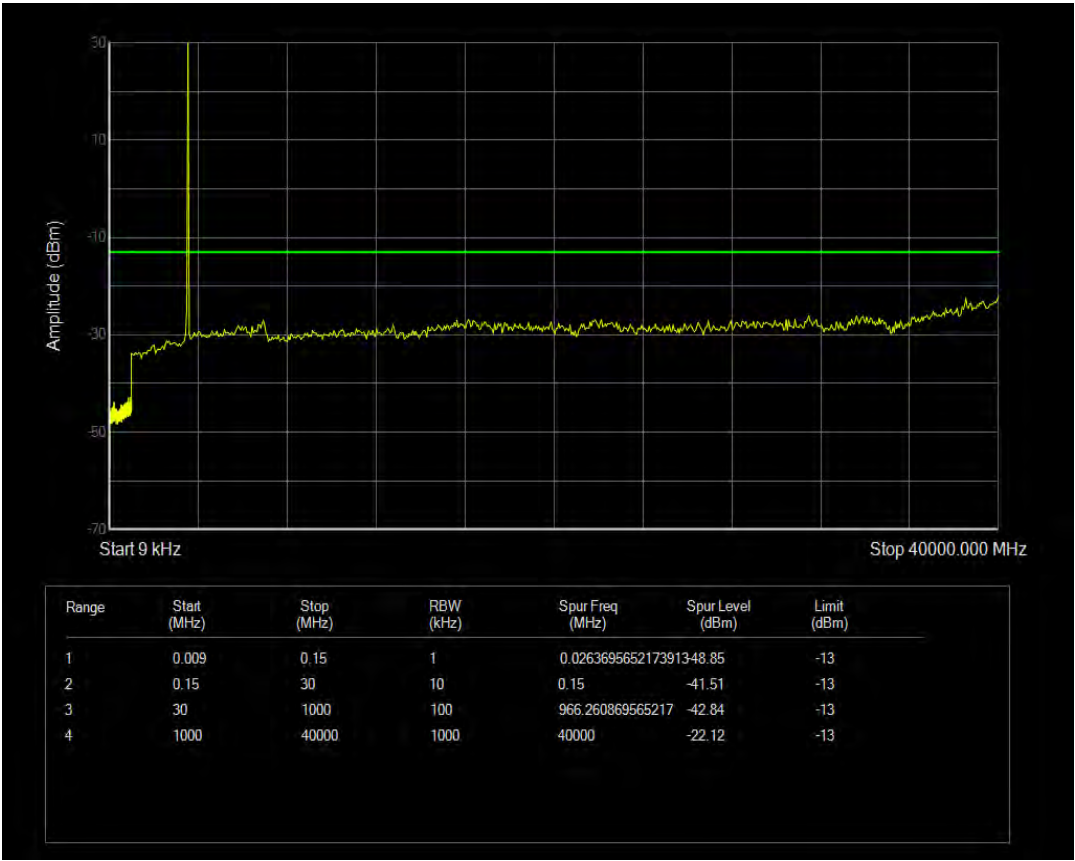
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=630334 RB=24@0



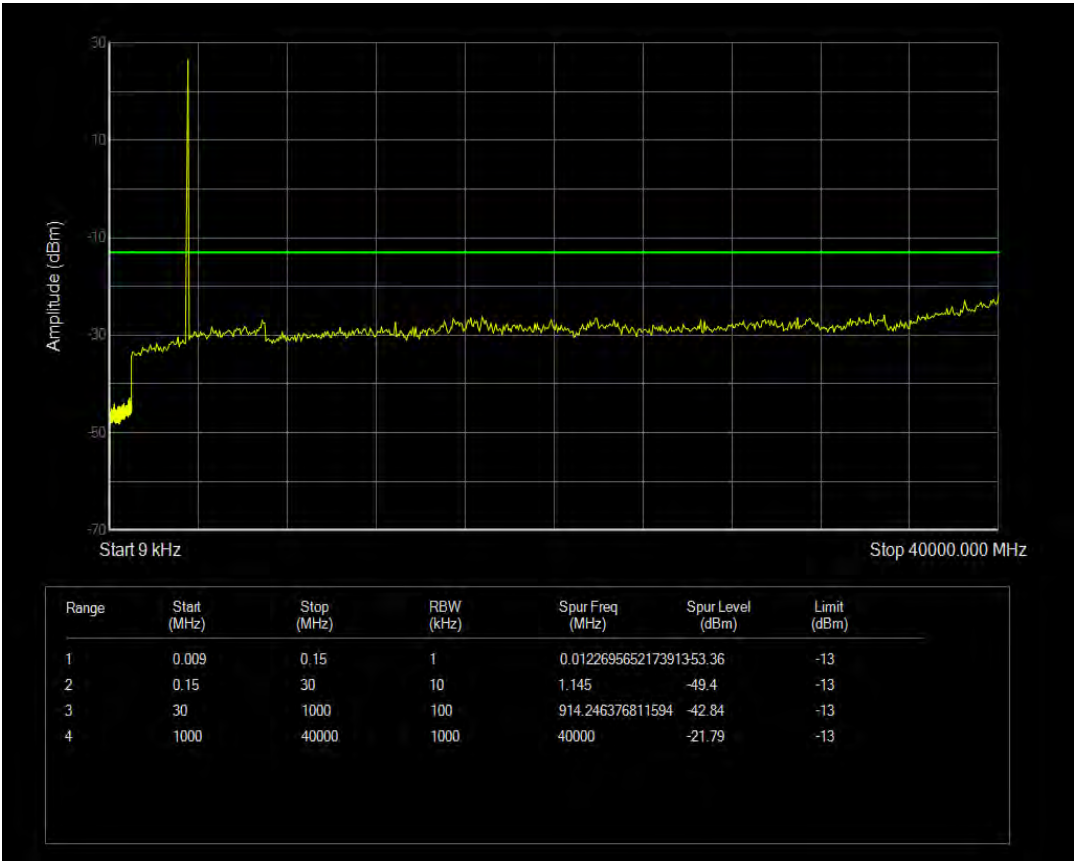
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@0



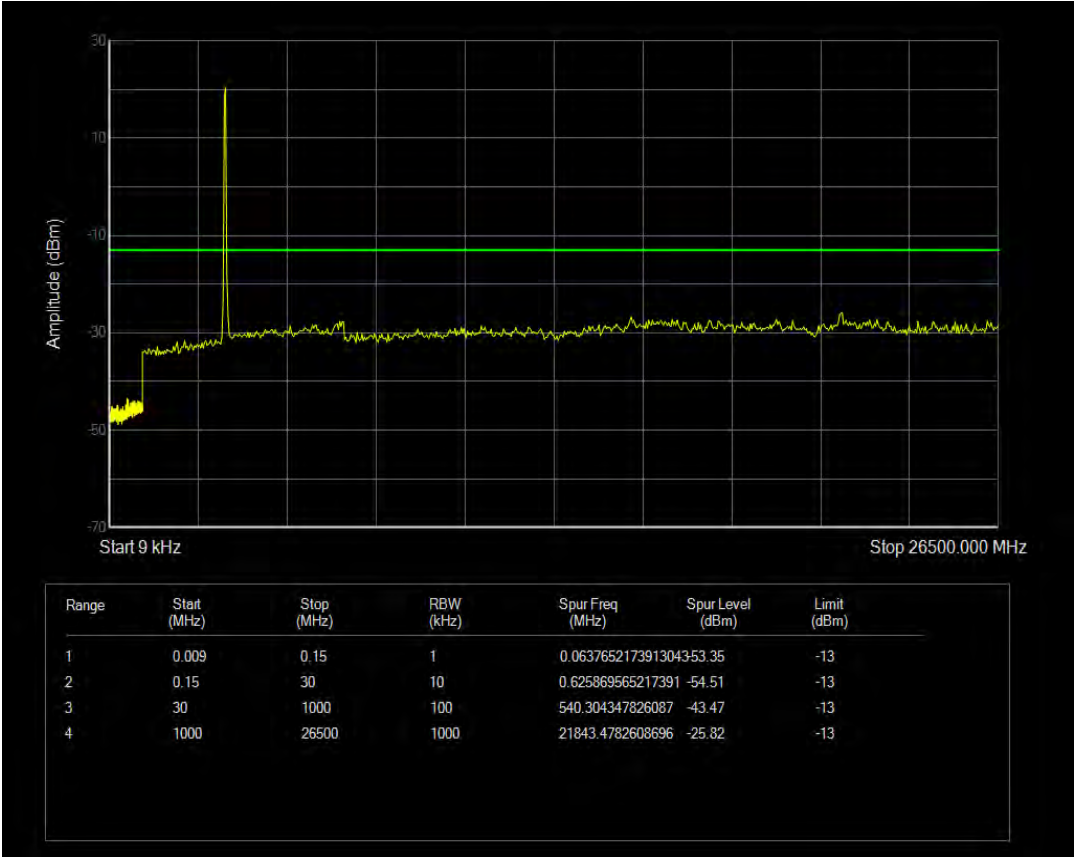
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=1@23



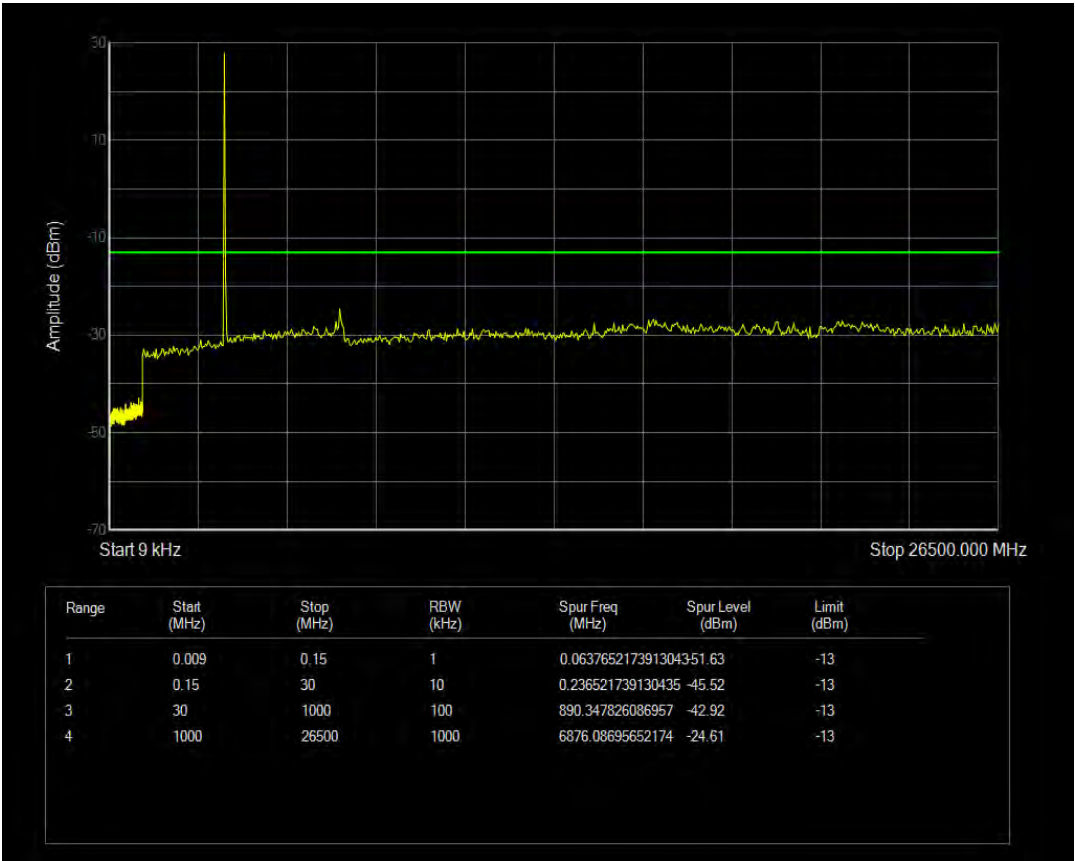
n78(3450-3550) SCS=30kHz CP QPSK BW=10MHz Channel=636332 RB=24@0



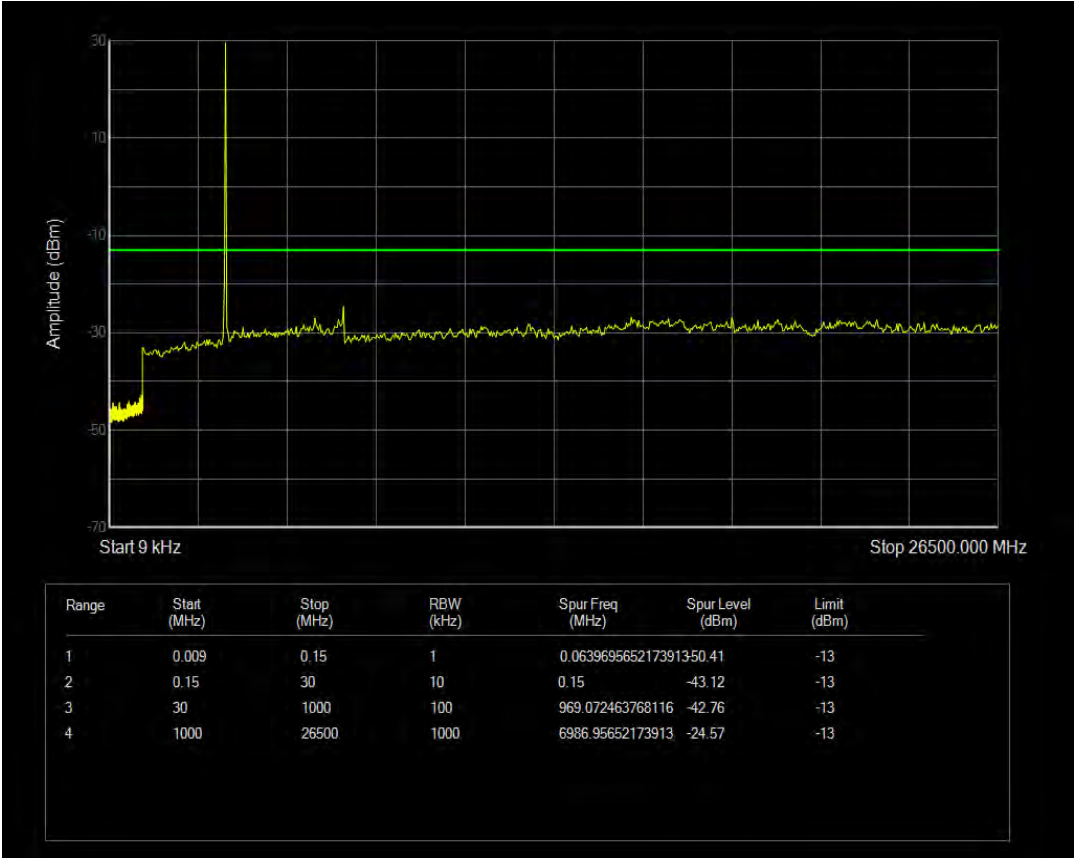
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=133@0



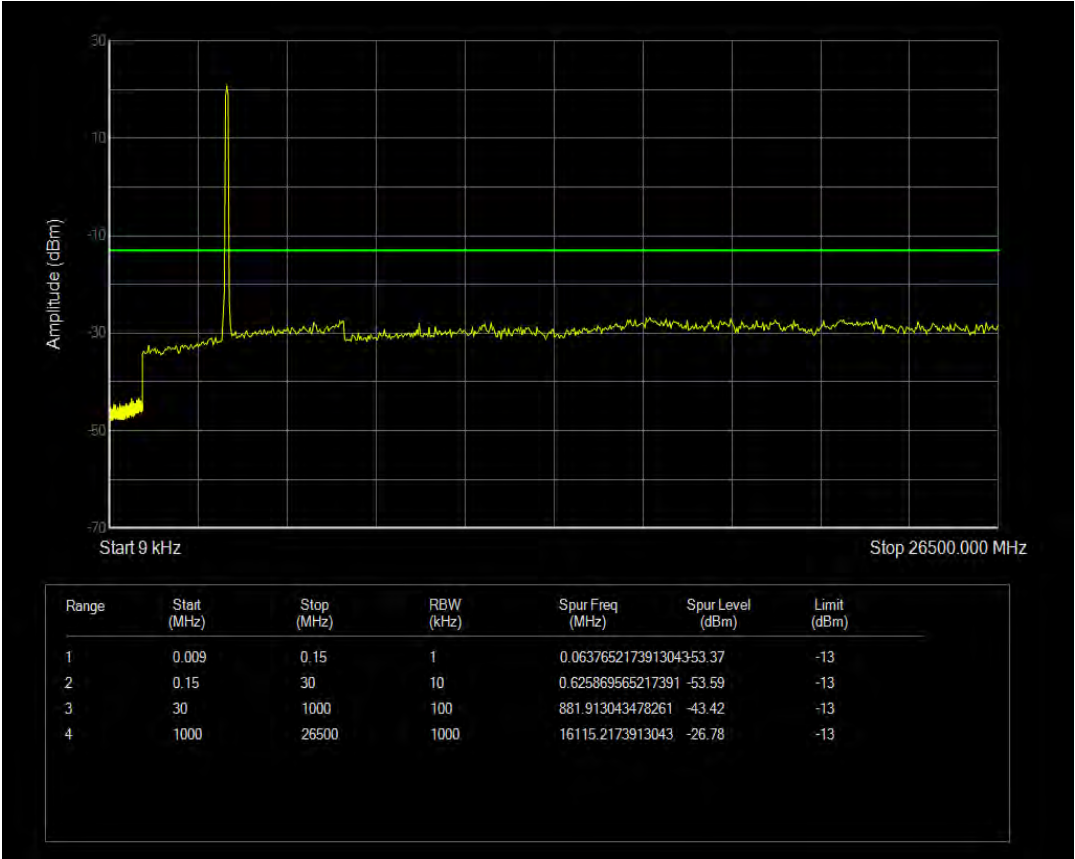
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@0



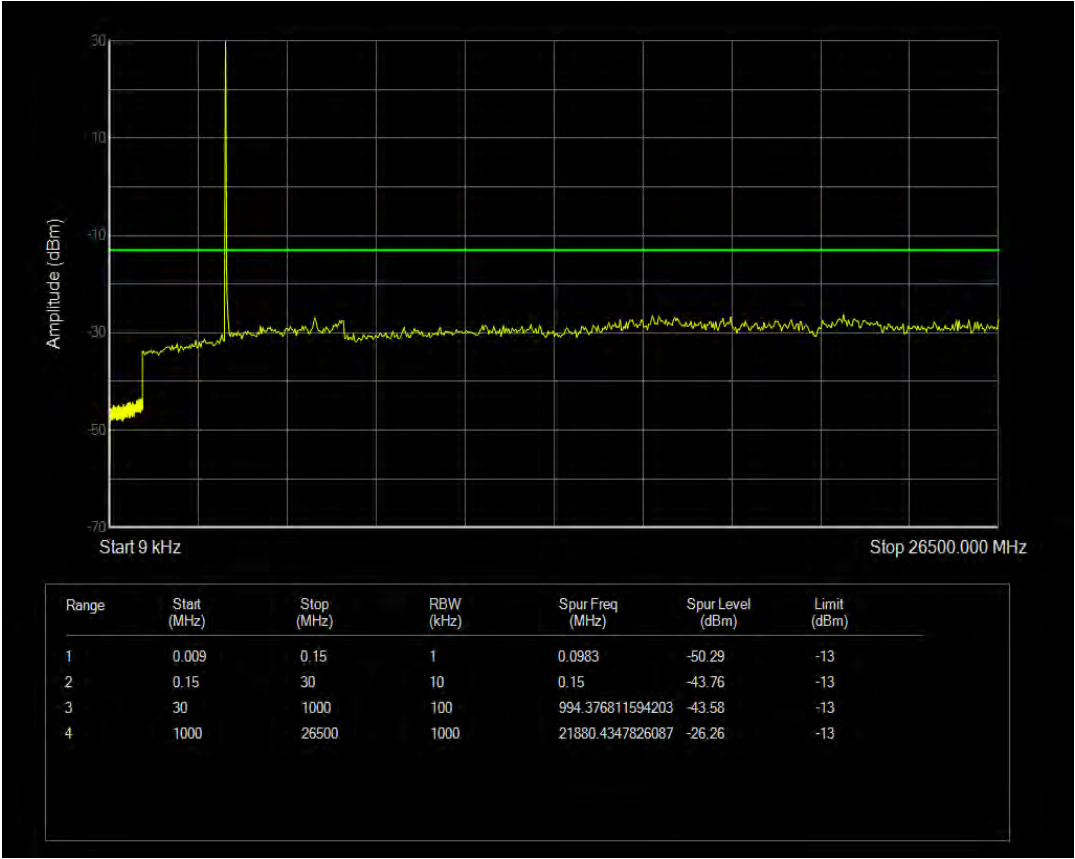
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=631668 RB=1@132



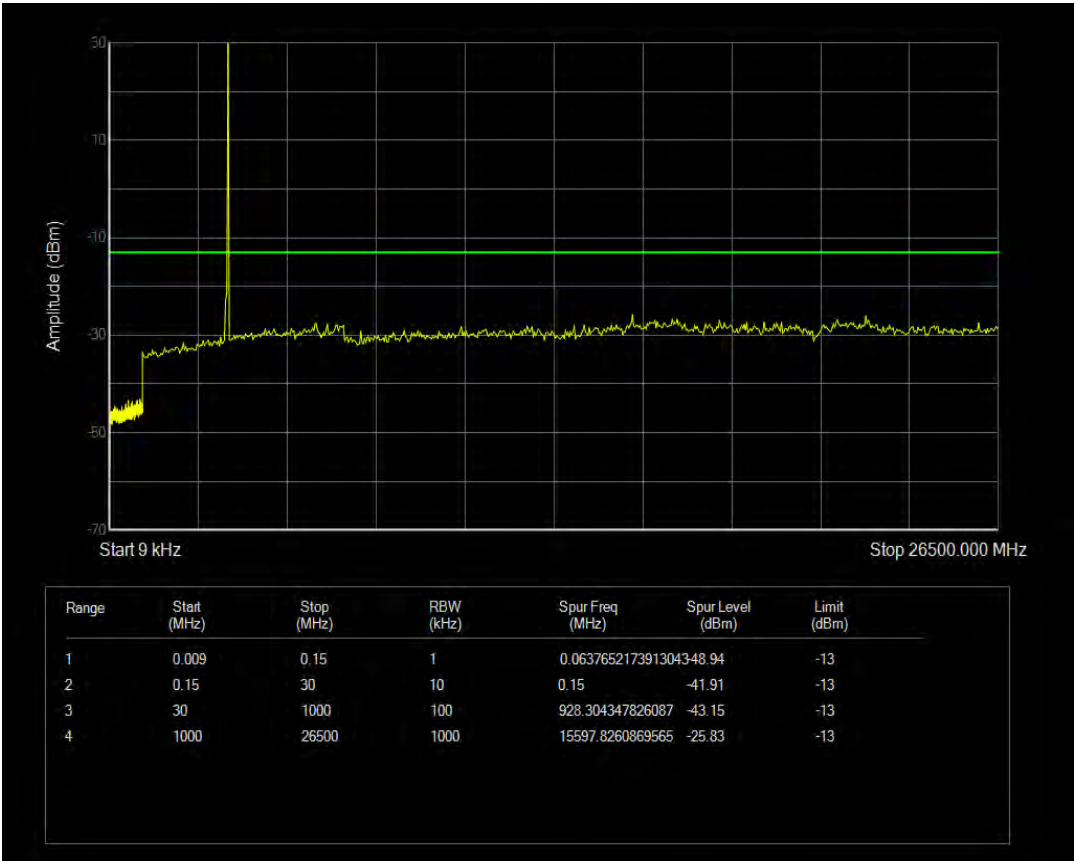
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=133@0



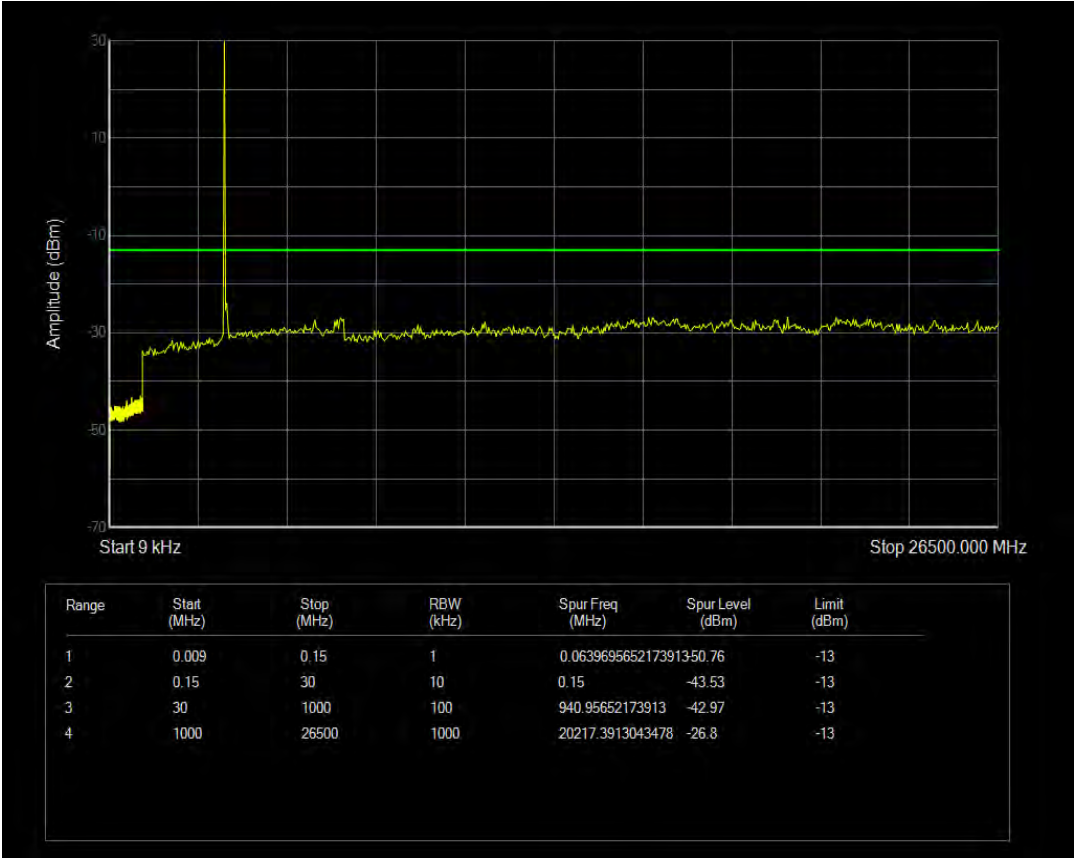
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@0



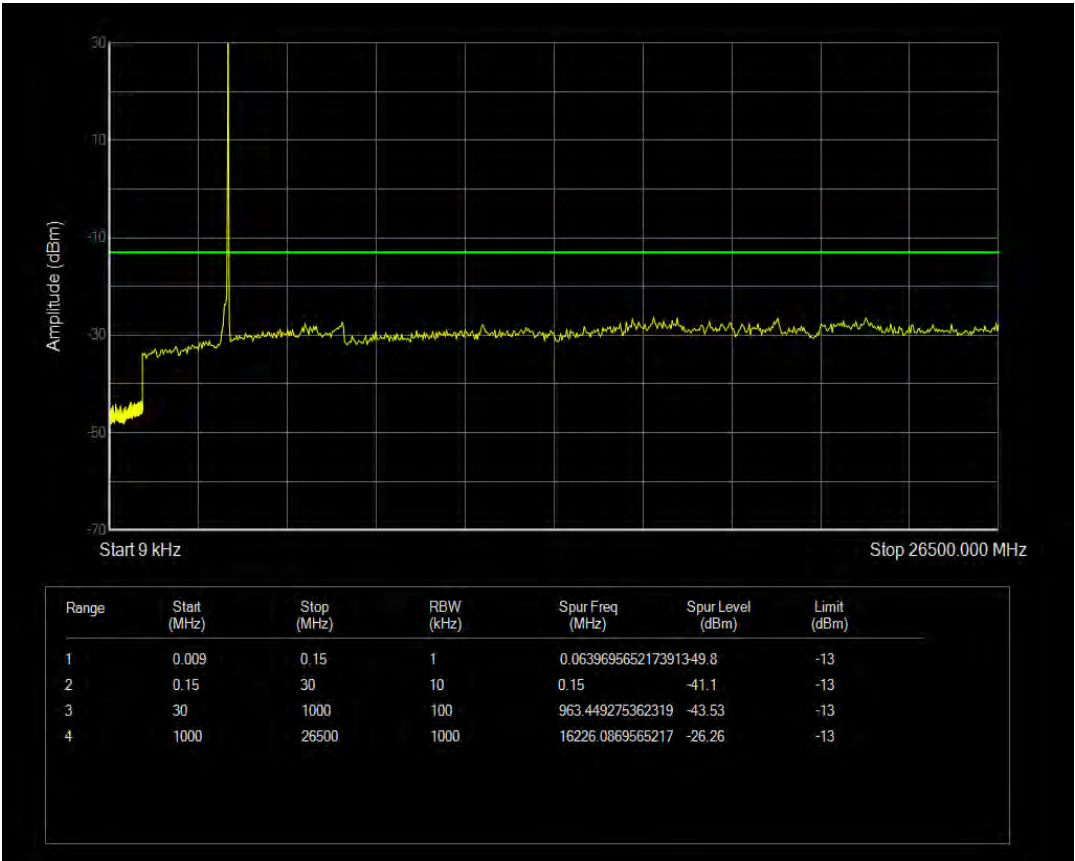
n78(3450-3550) SCS=30kHz CP QPSK BW=50MHz Channel=635000 RB=1@132



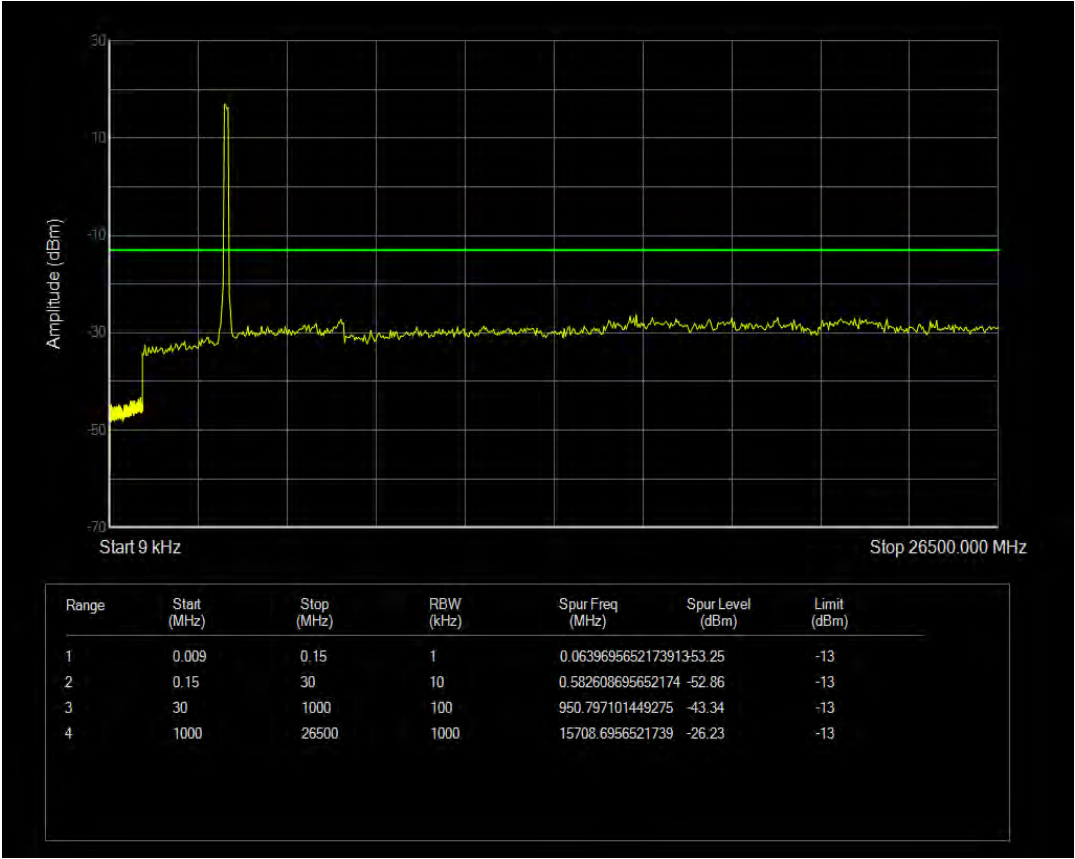
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@0



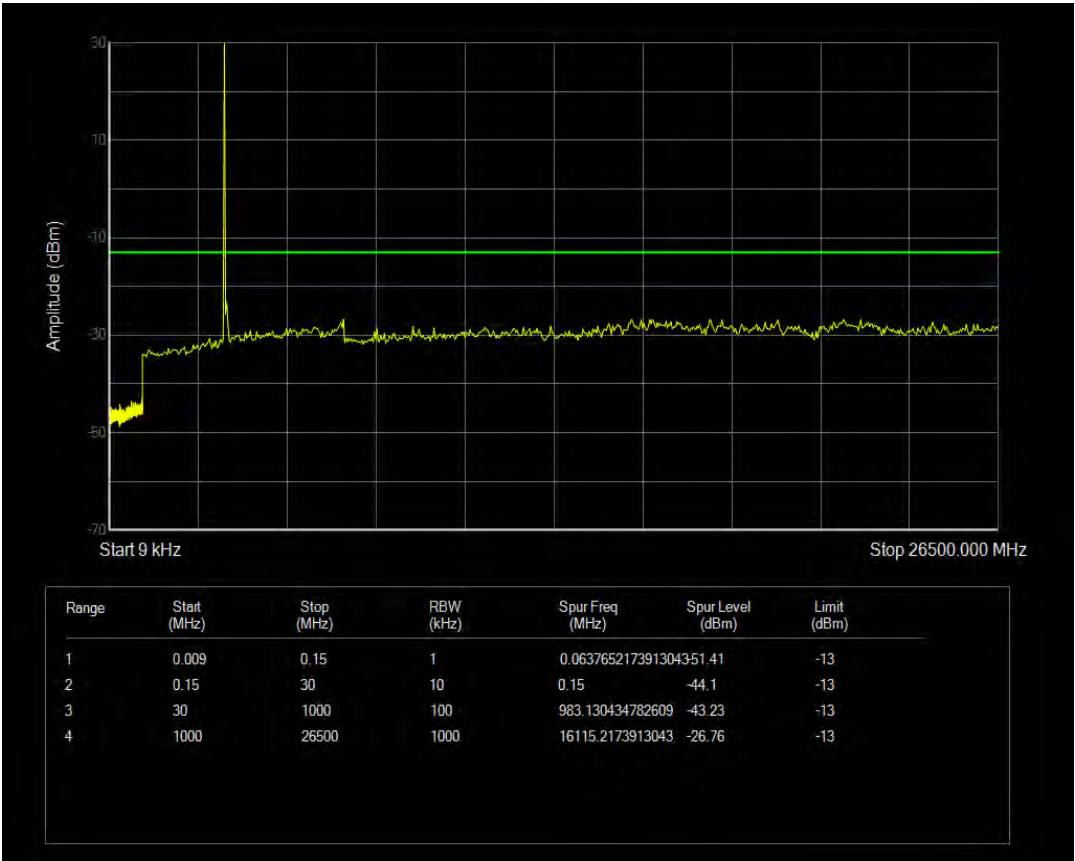
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=1@272



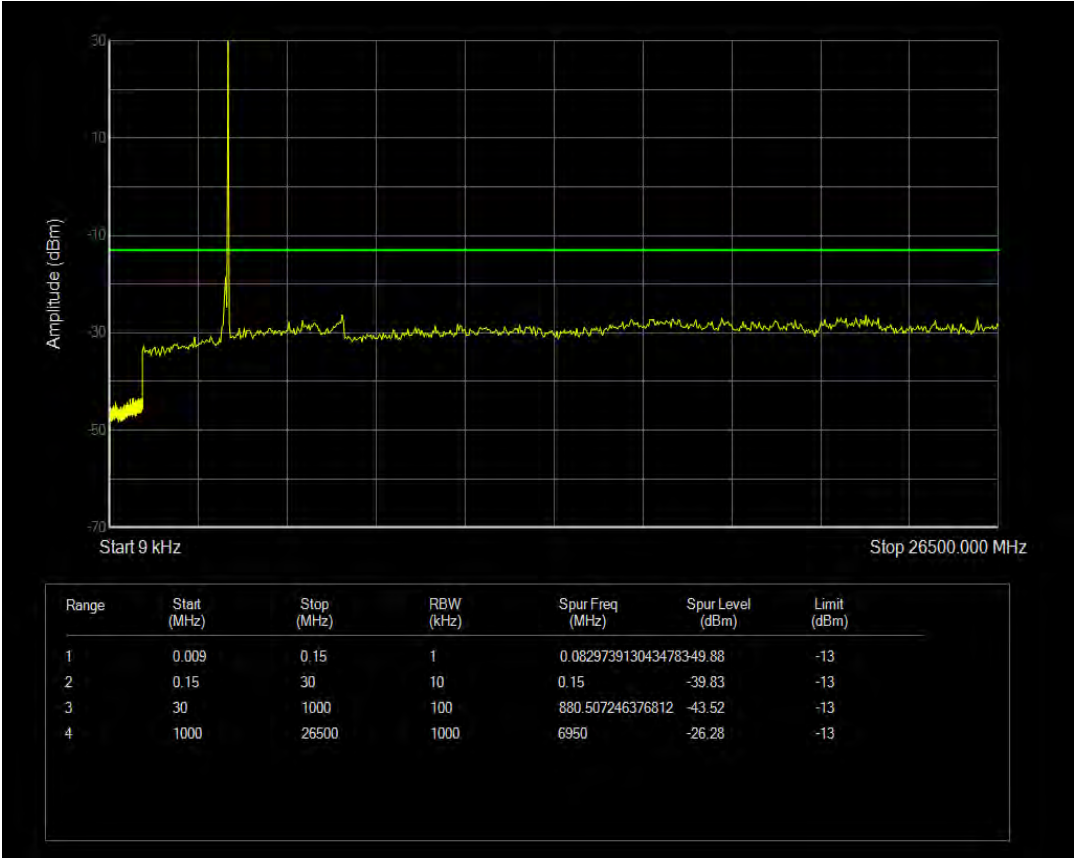
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633332 RB=273@0



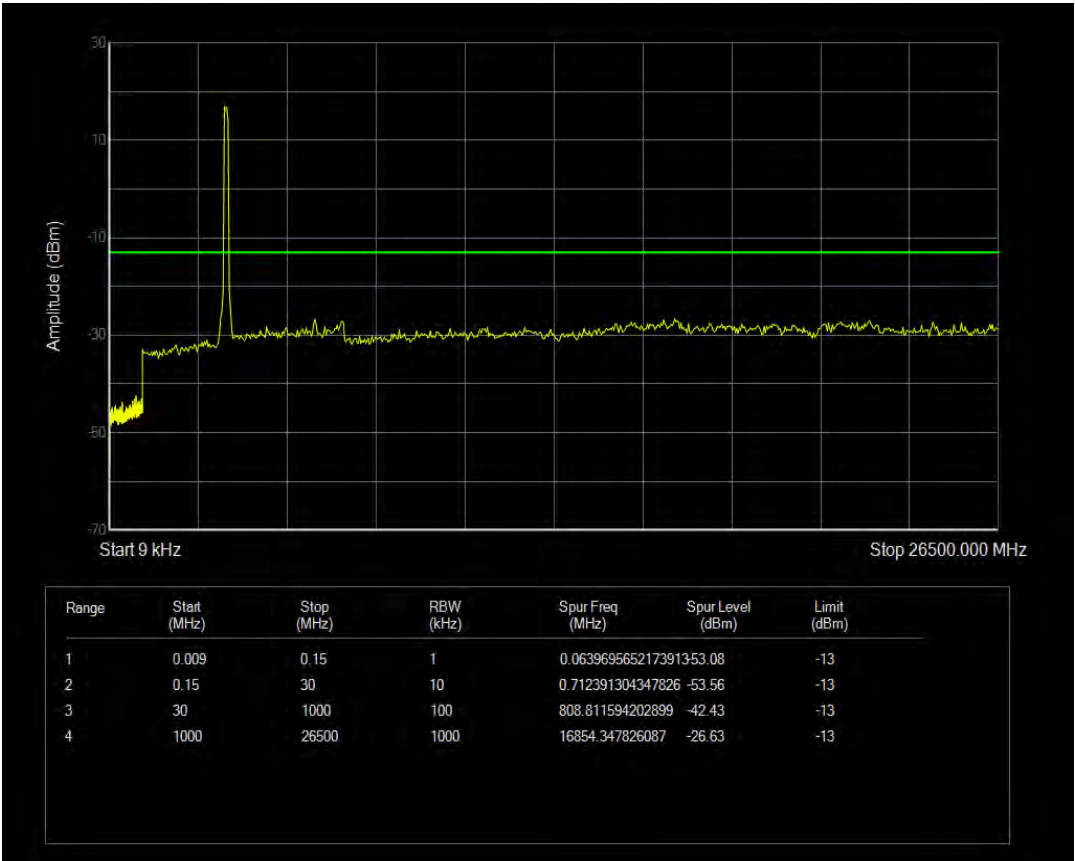
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@0



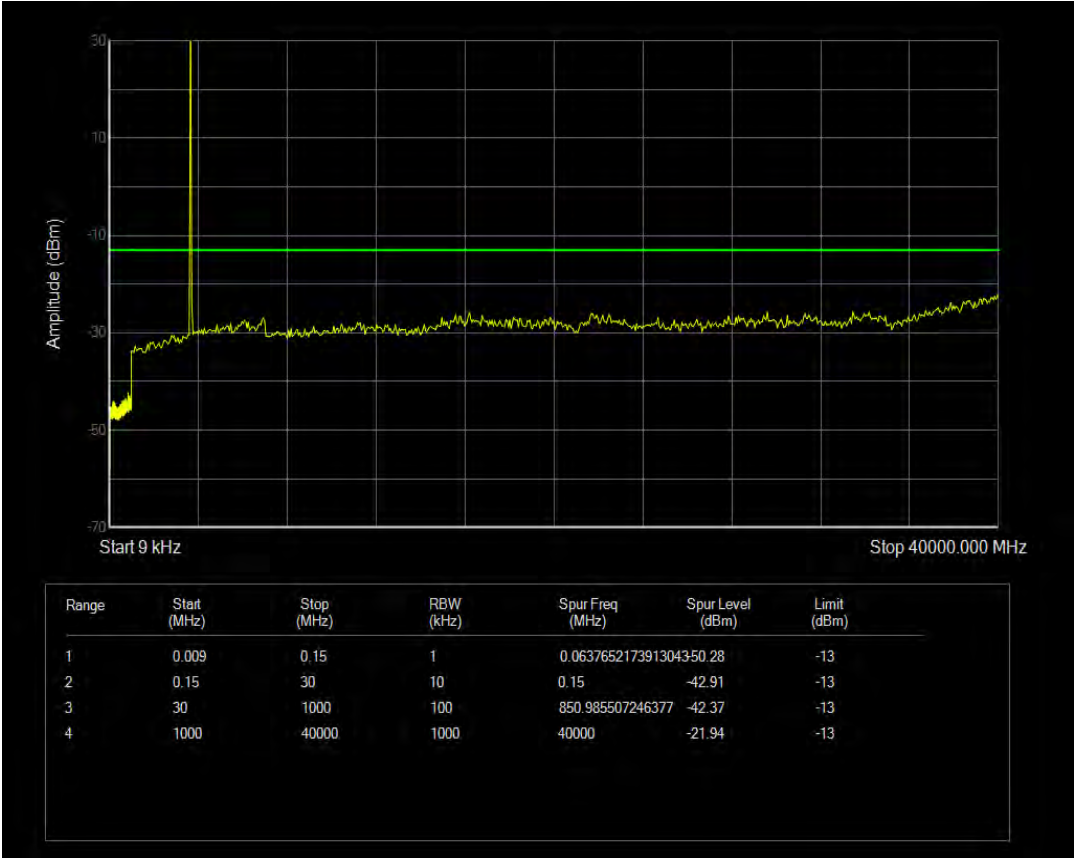
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=1@272



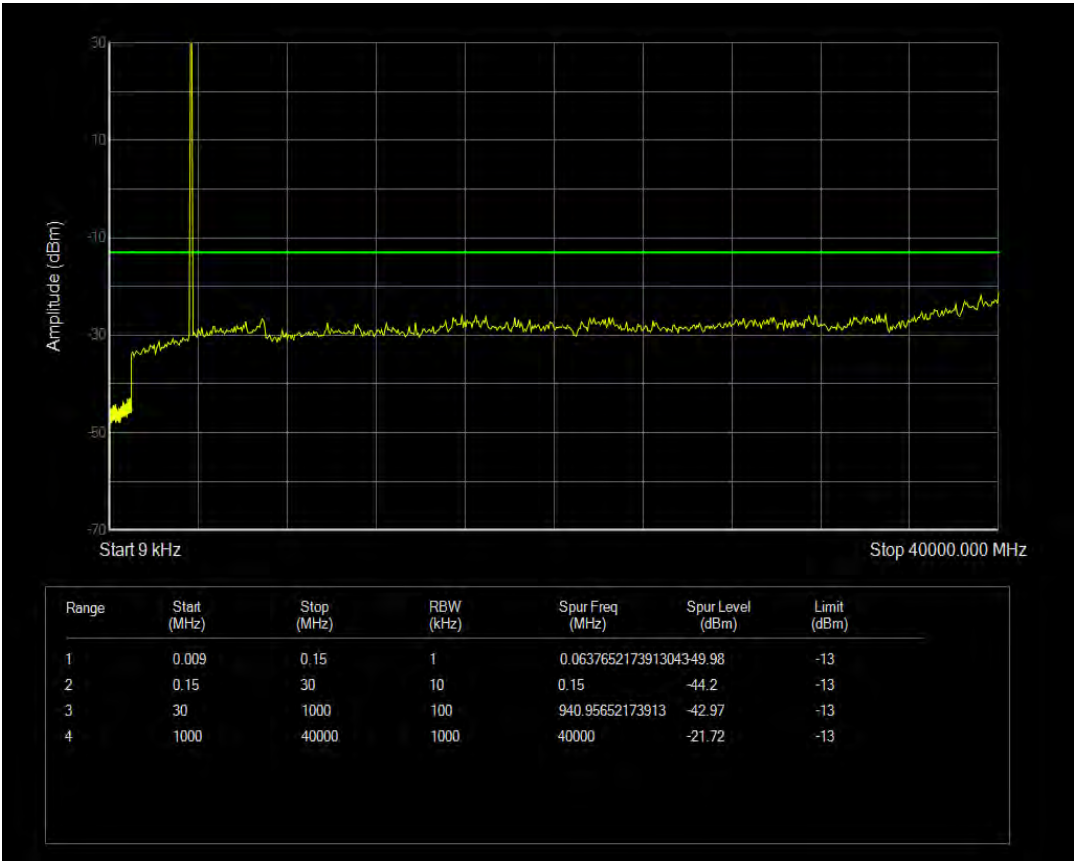
n78(3450-3550) SCS=30kHz CP QPSK BW=100MHz Channel=633334 RB=273@0



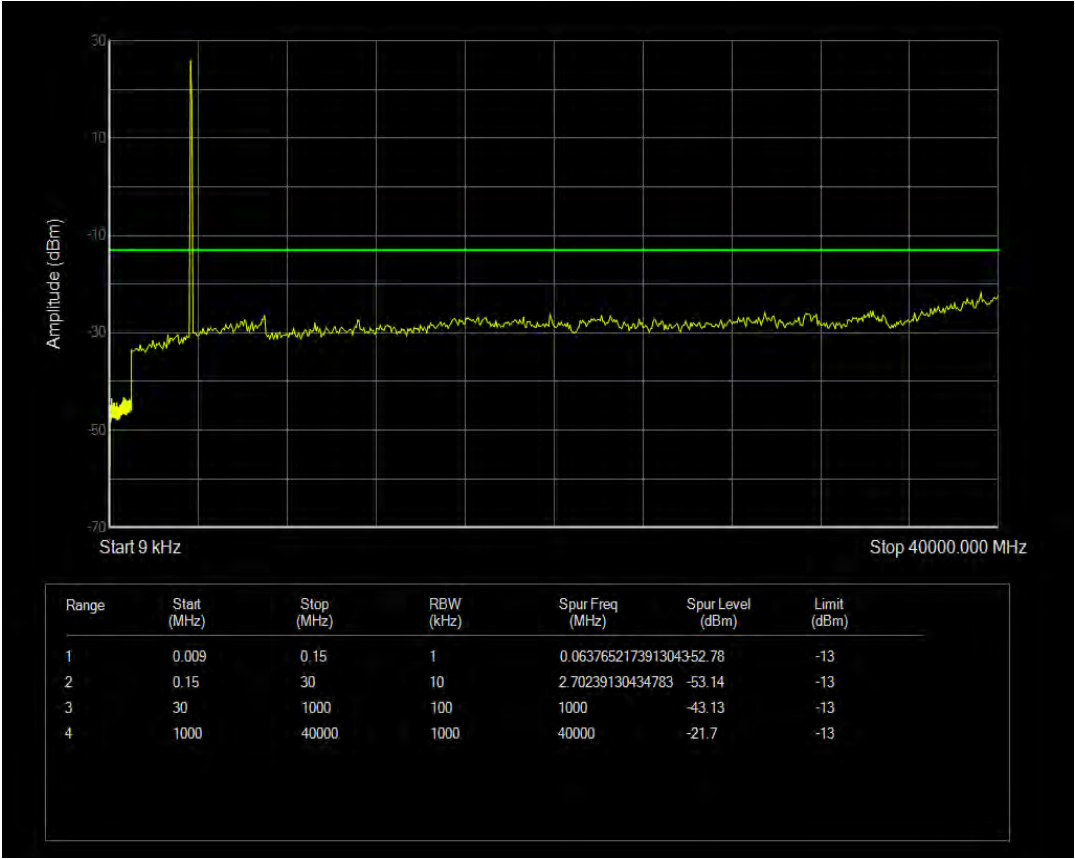
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@0



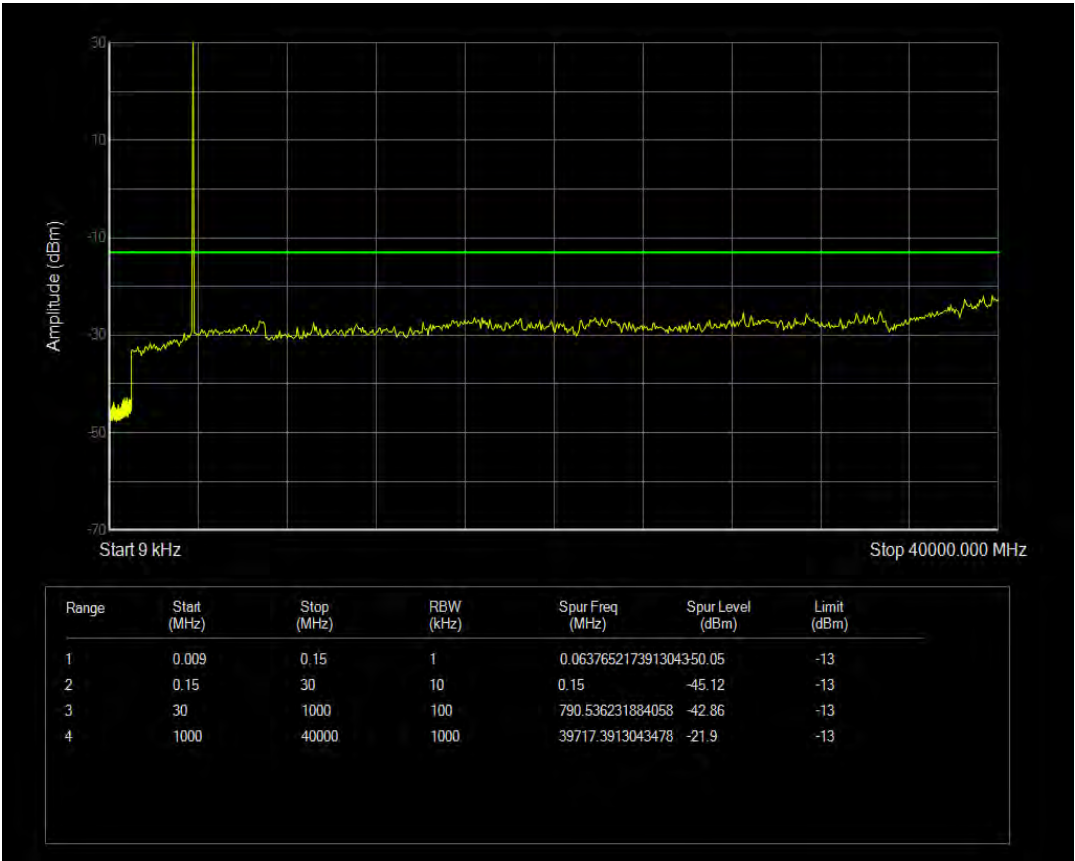
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=1@23



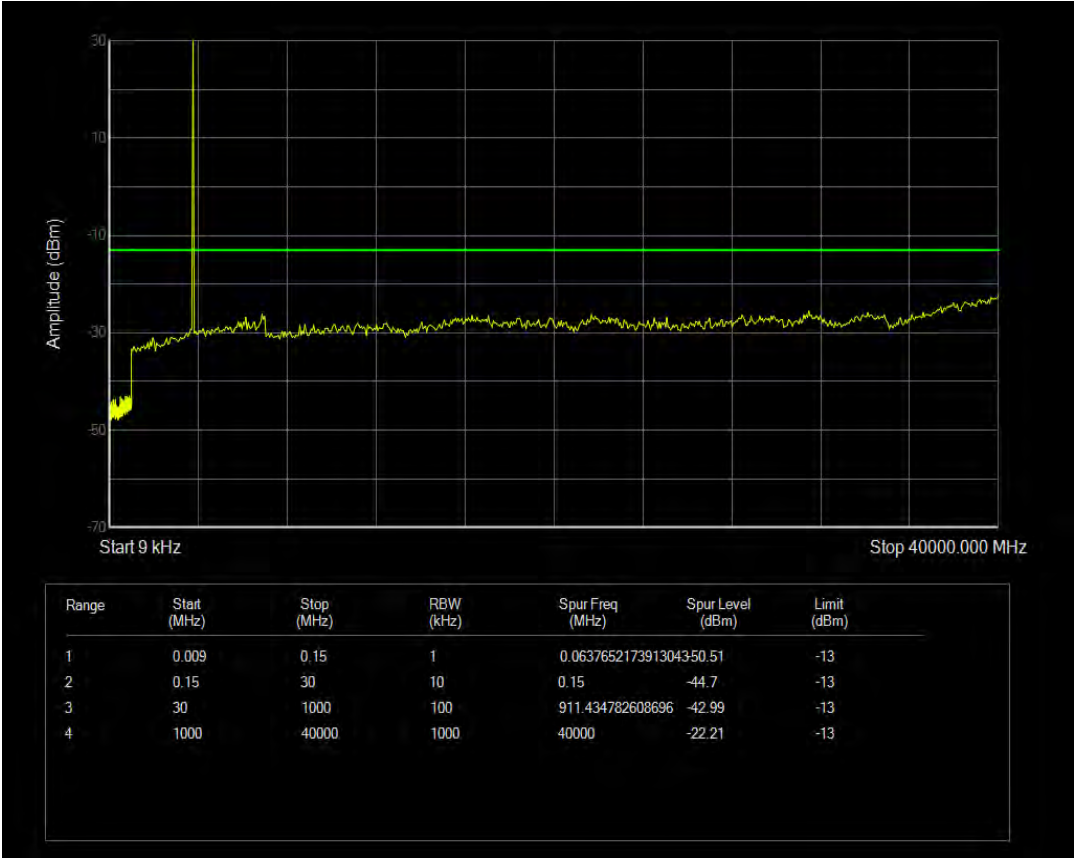
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=647000 RB=24@0



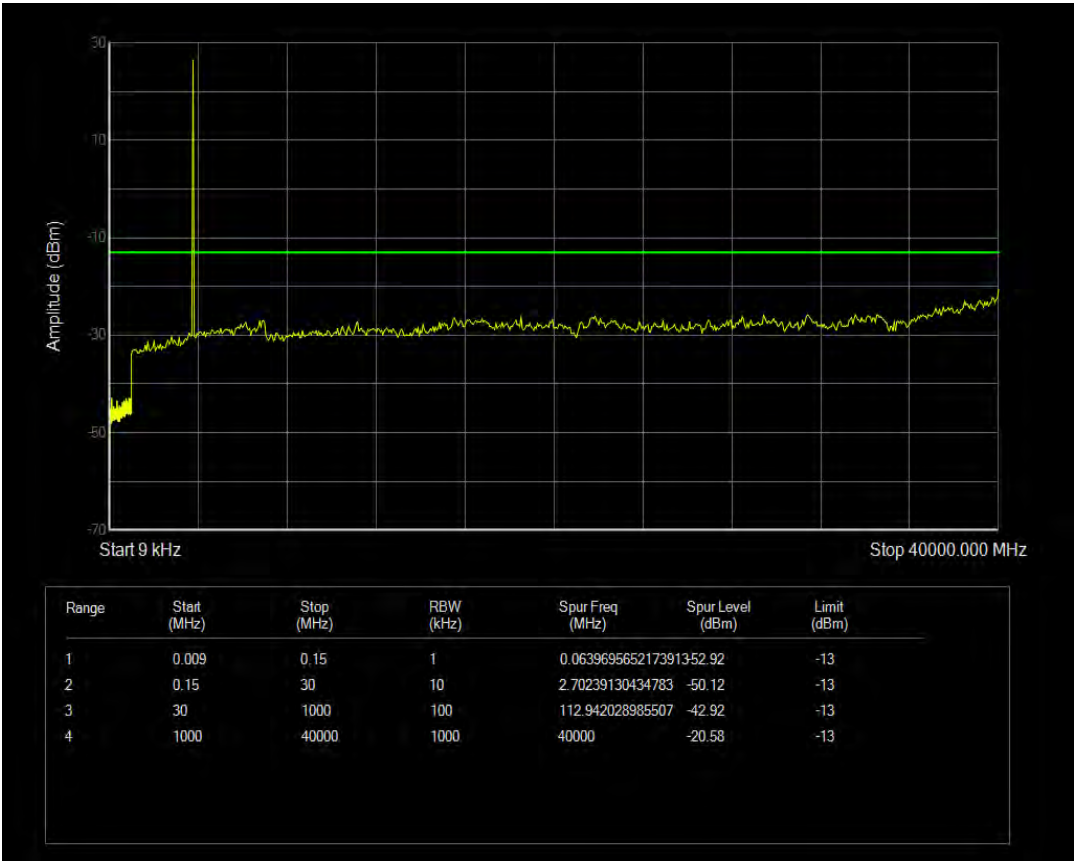
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@0



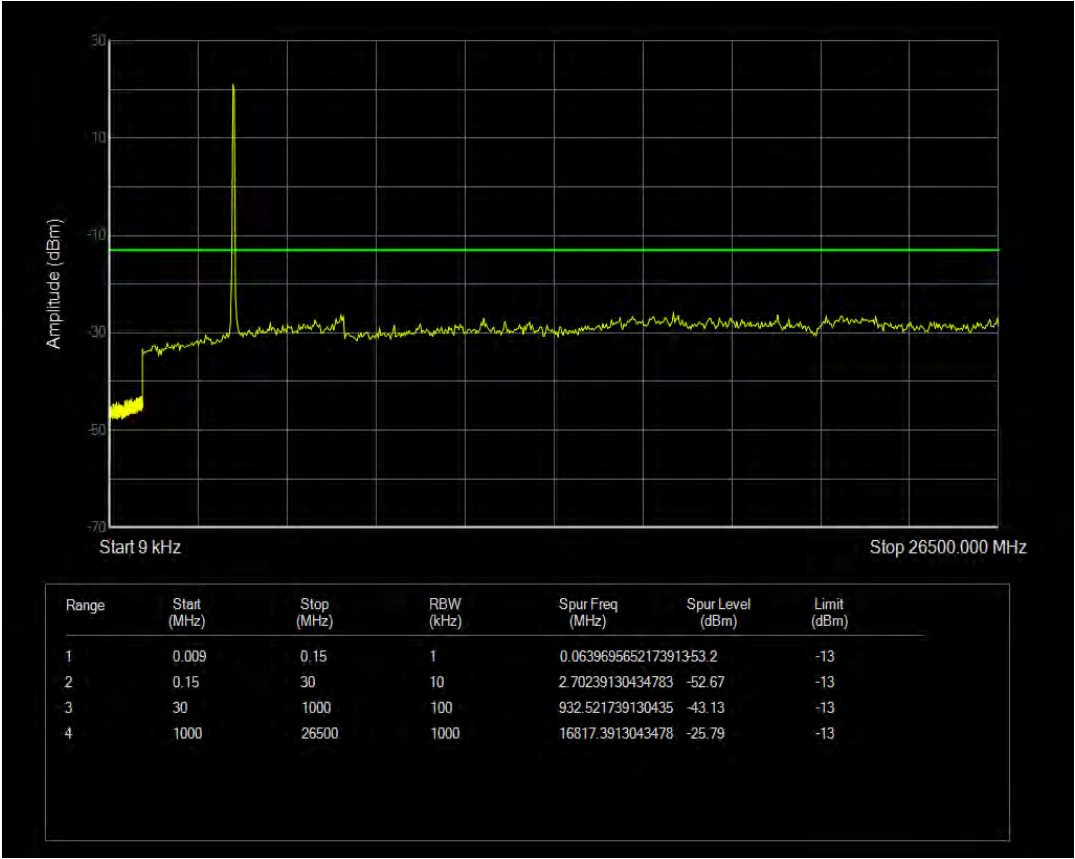
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=1@23



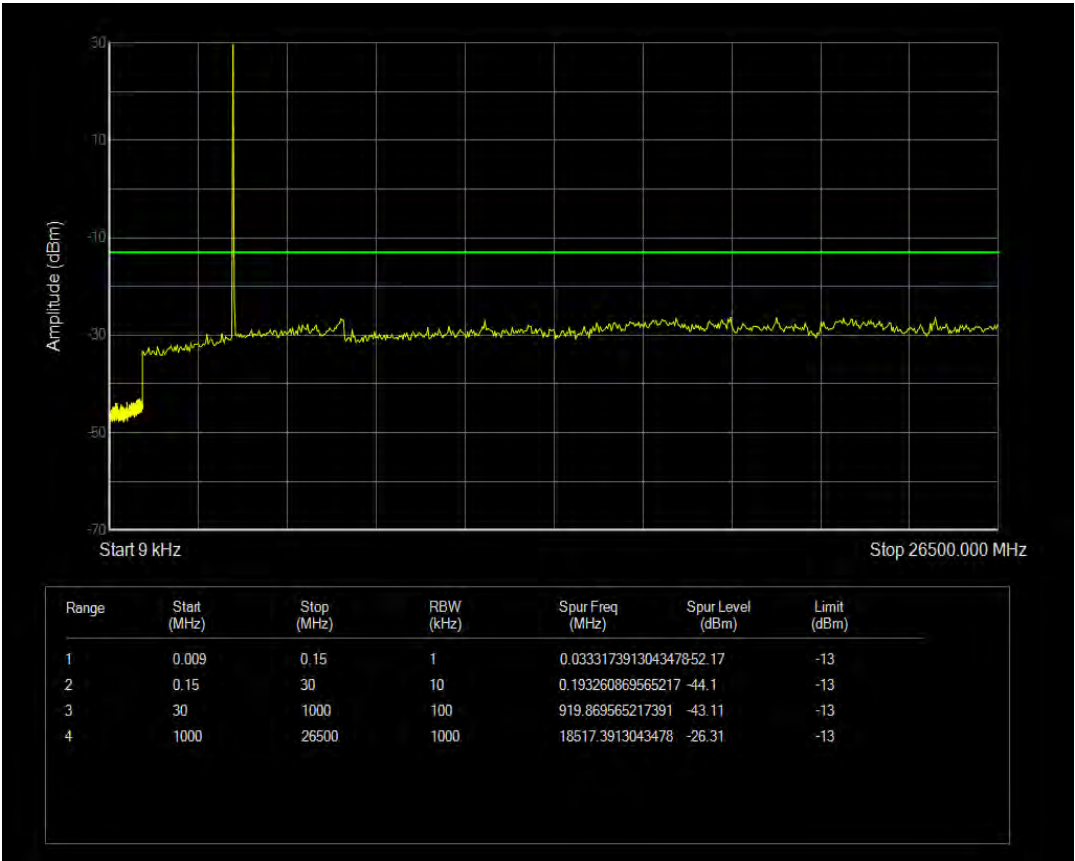
n78(3700-3800) SCS=30kHz CP QPSK BW=10MHz Channel=653000 RB=24@0



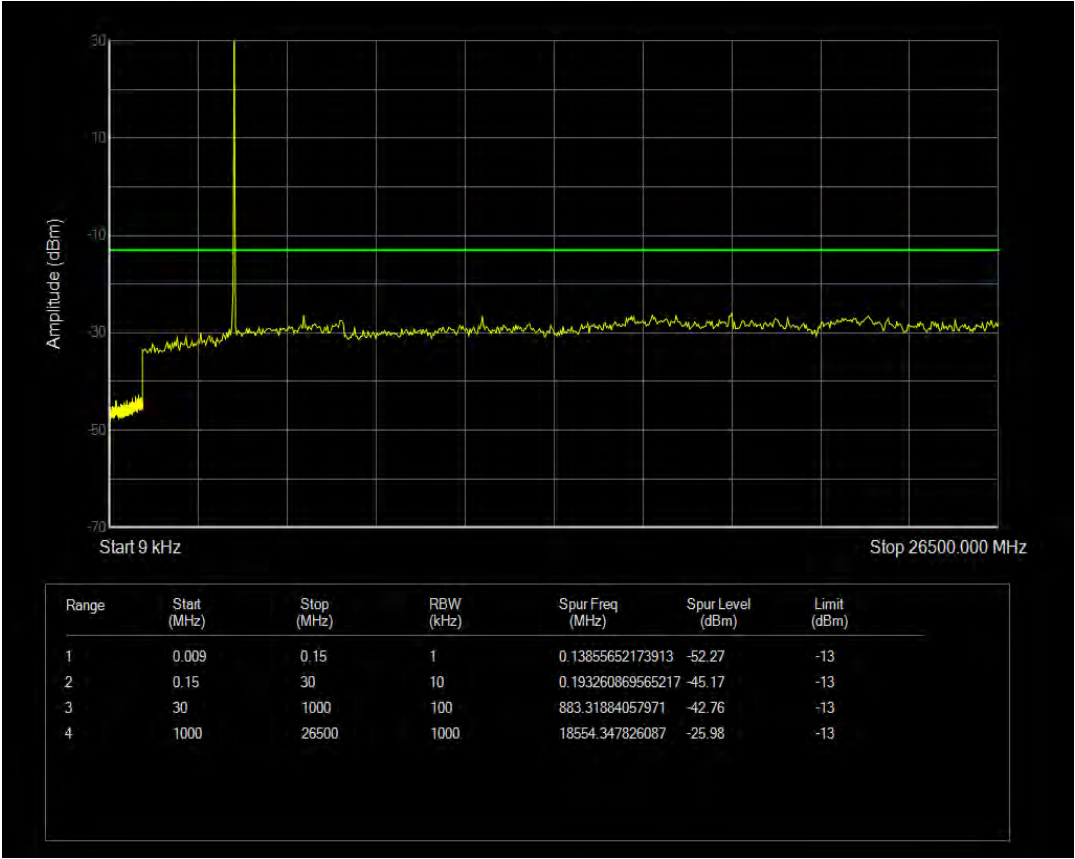
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=133@0



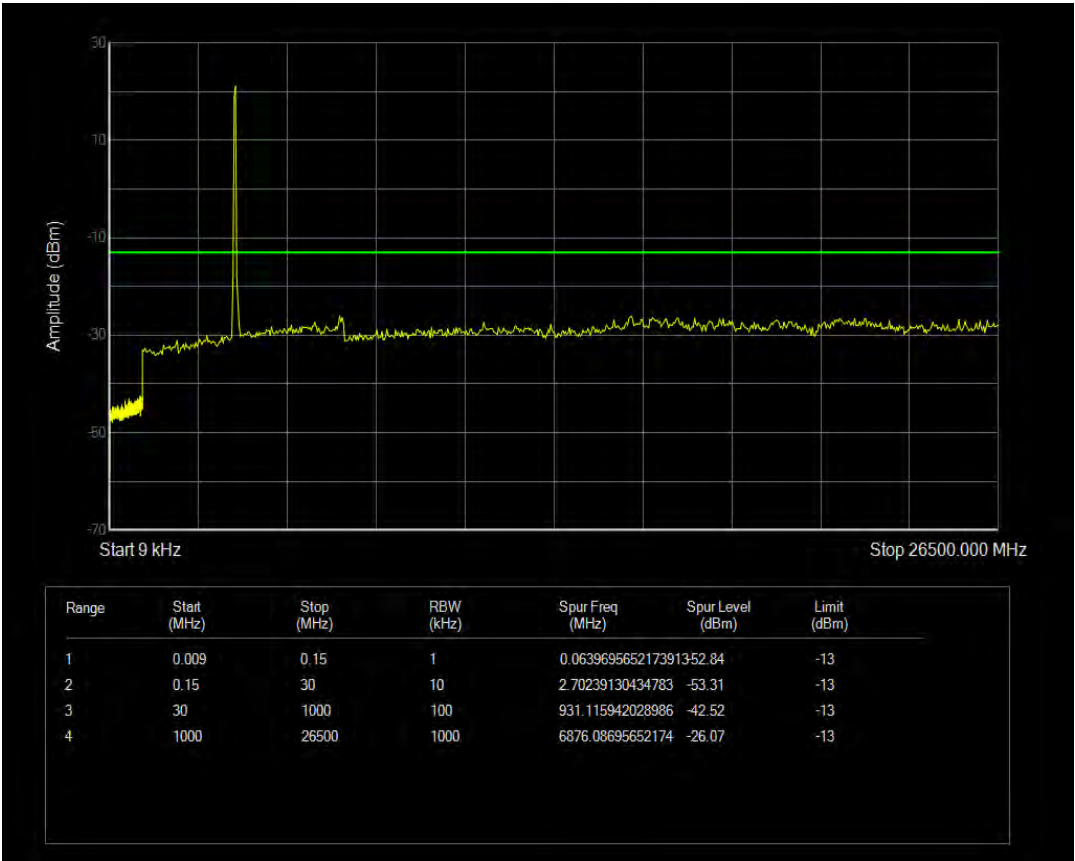
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@0



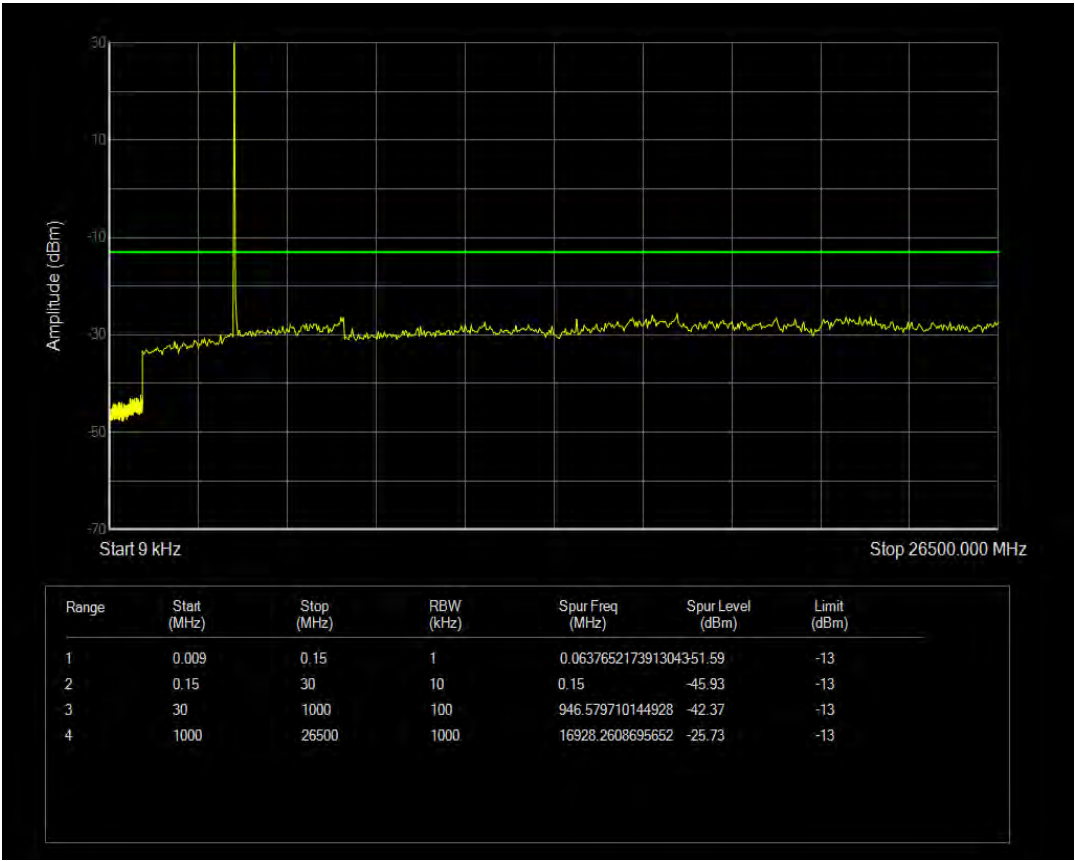
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=648334 RB=1@132



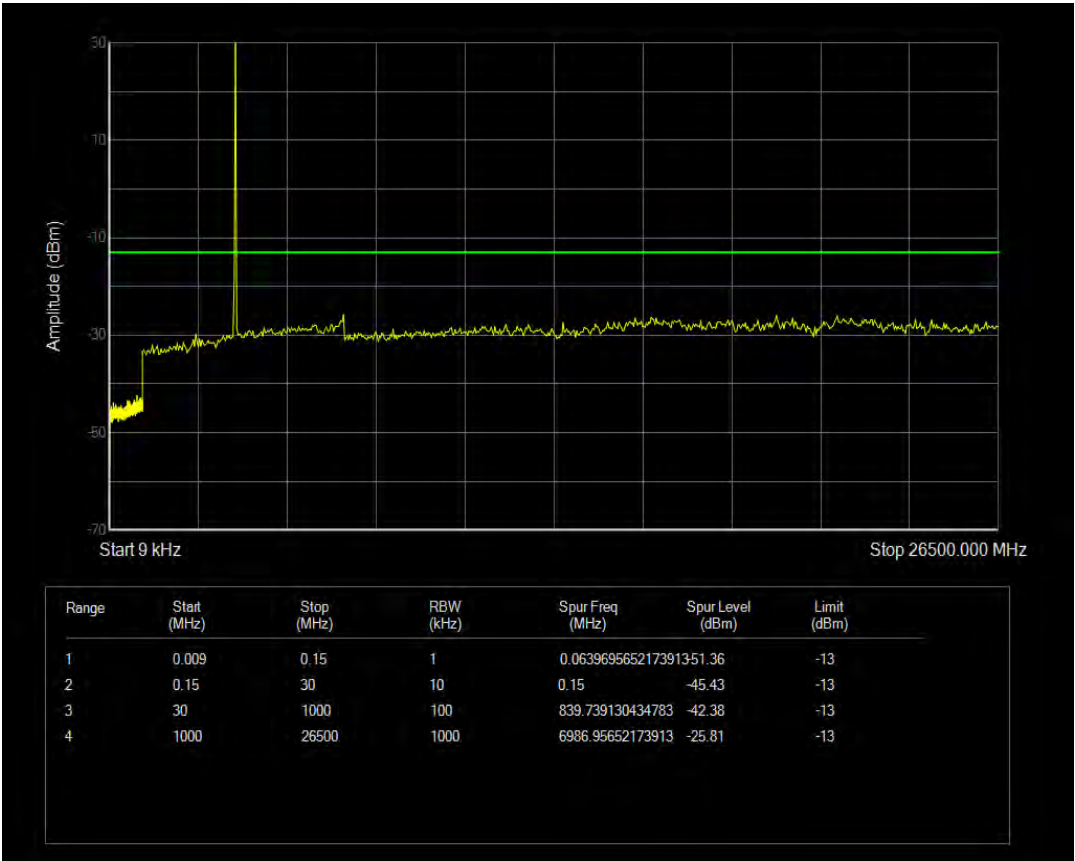
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=133@0



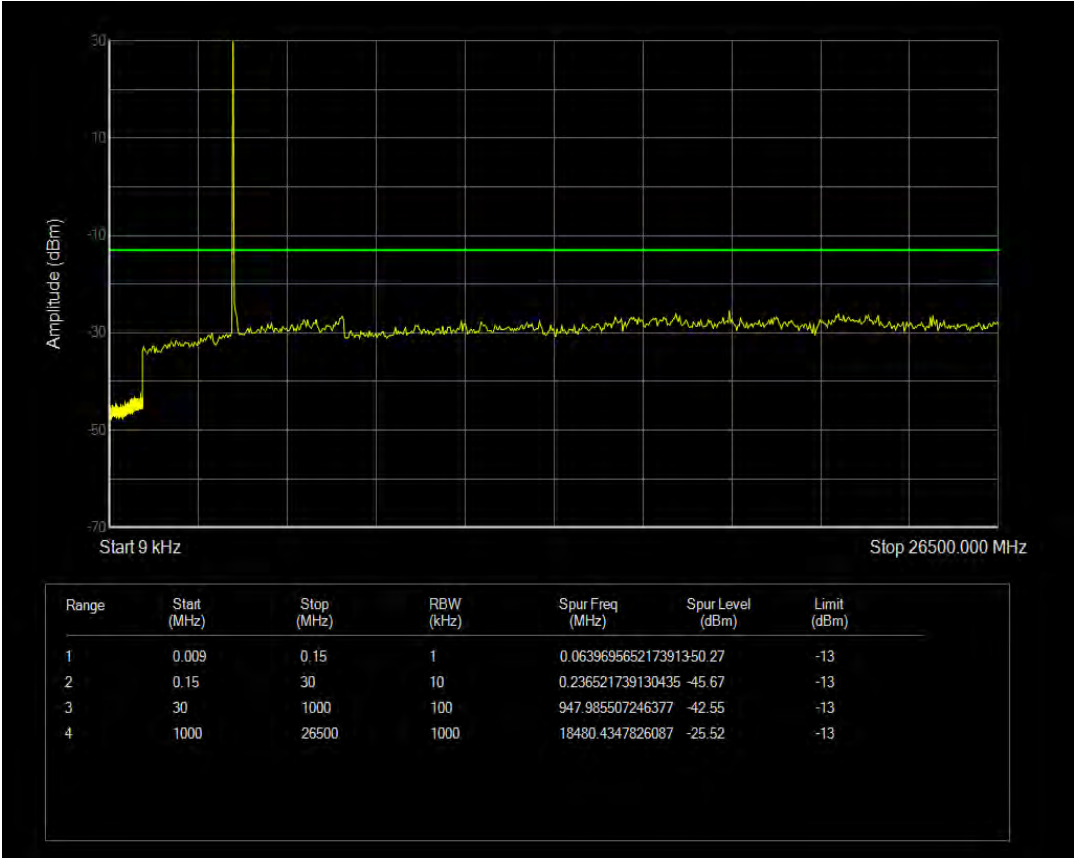
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@0



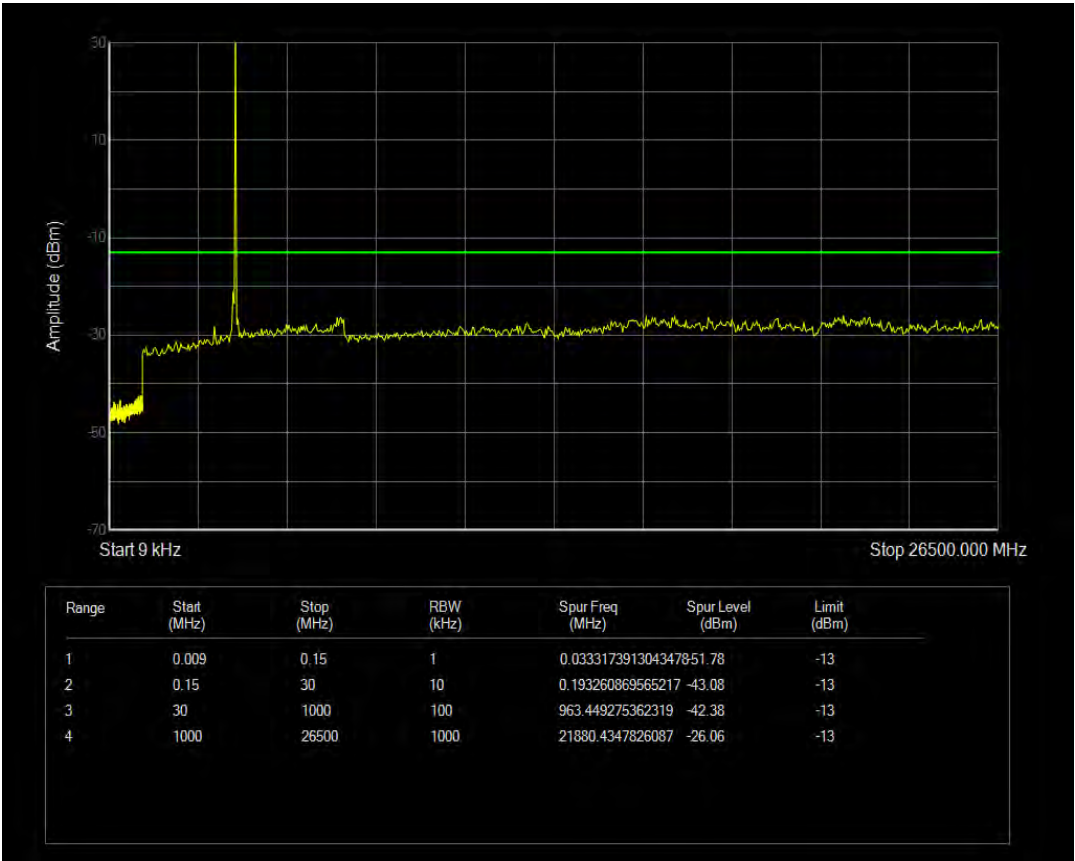
n78(3700-3800) SCS=30kHz CP QPSK BW=50MHz Channel=651666 RB=1@132



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@0



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=1@272



n78(3700-3800) SCS=30kHz CP QPSK BW=100MHz Channel=650000 RB=273@0

