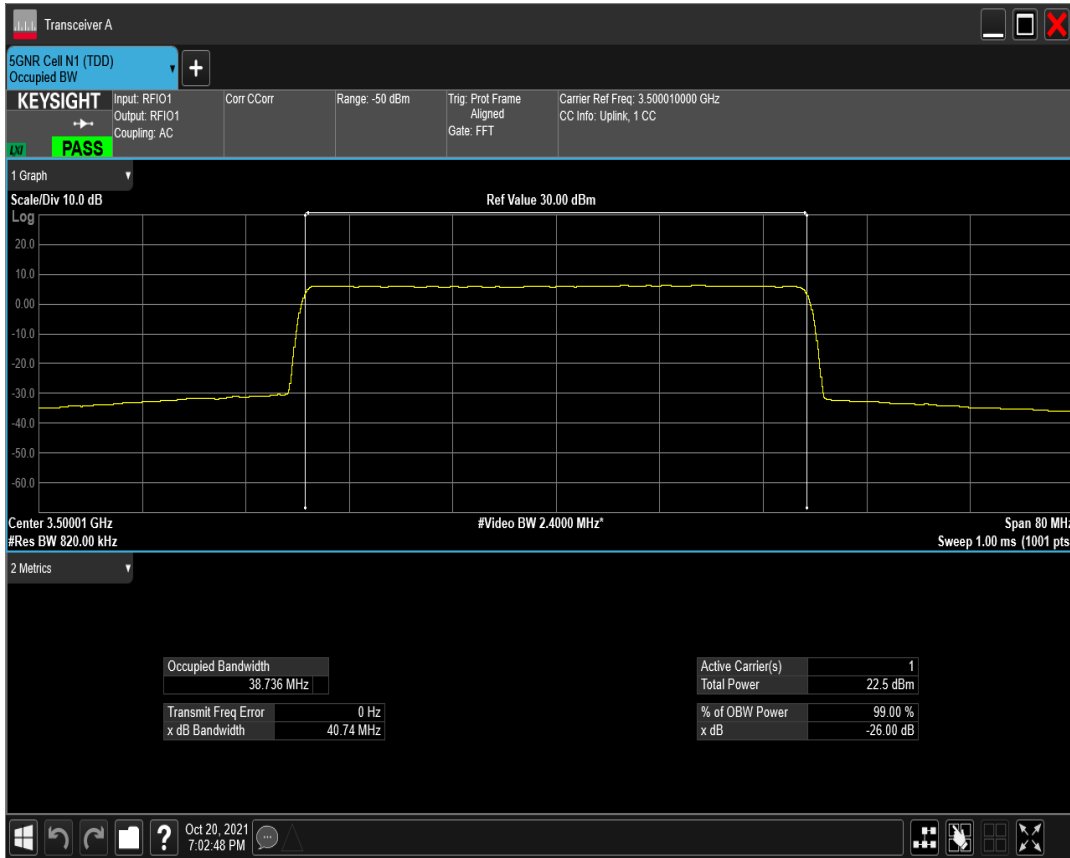
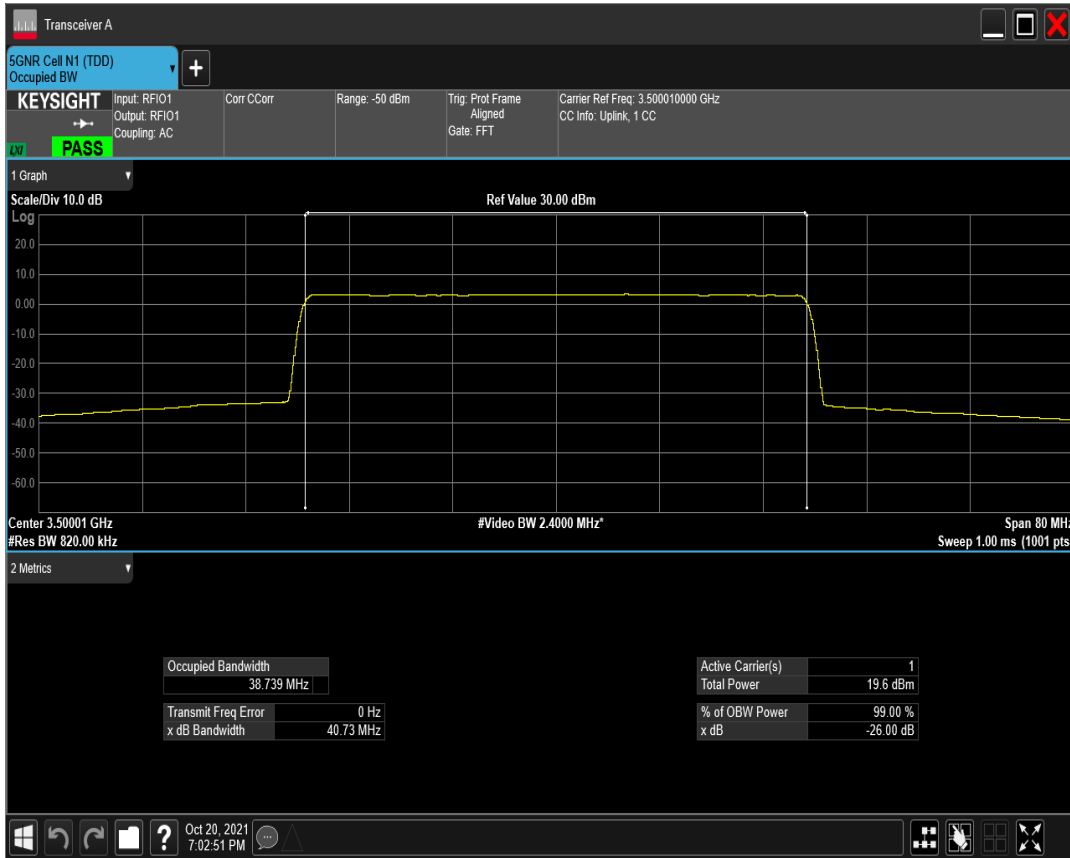


n78(3450-3550) SCS=15kHz CP_QAM64 BW=40MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=15kHz CP_QAM256 BW=40MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=633334 RB=270@0



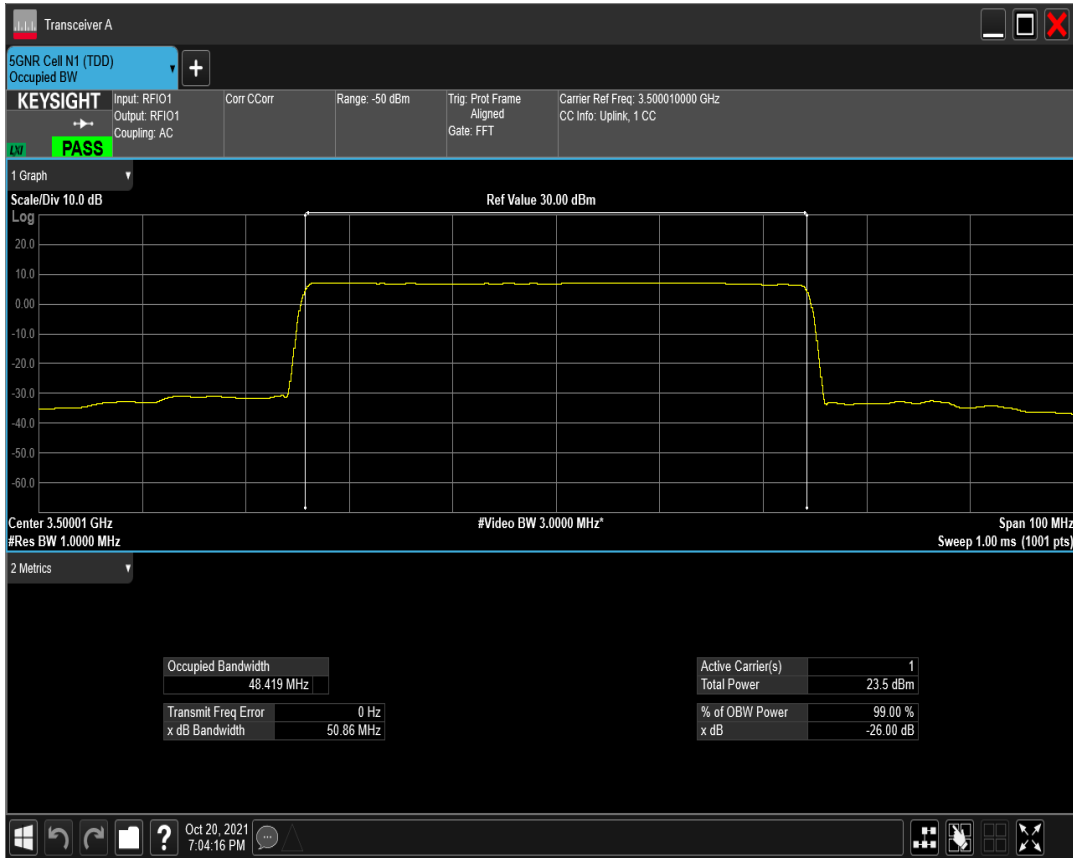
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



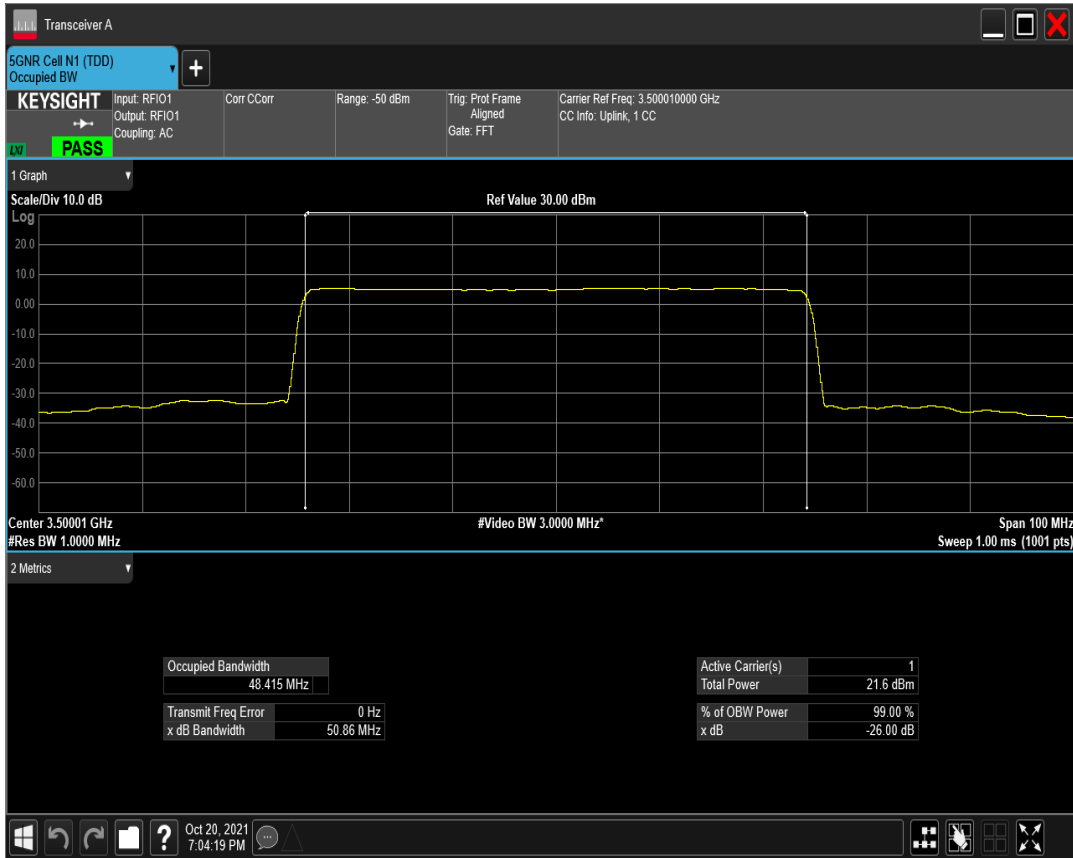
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



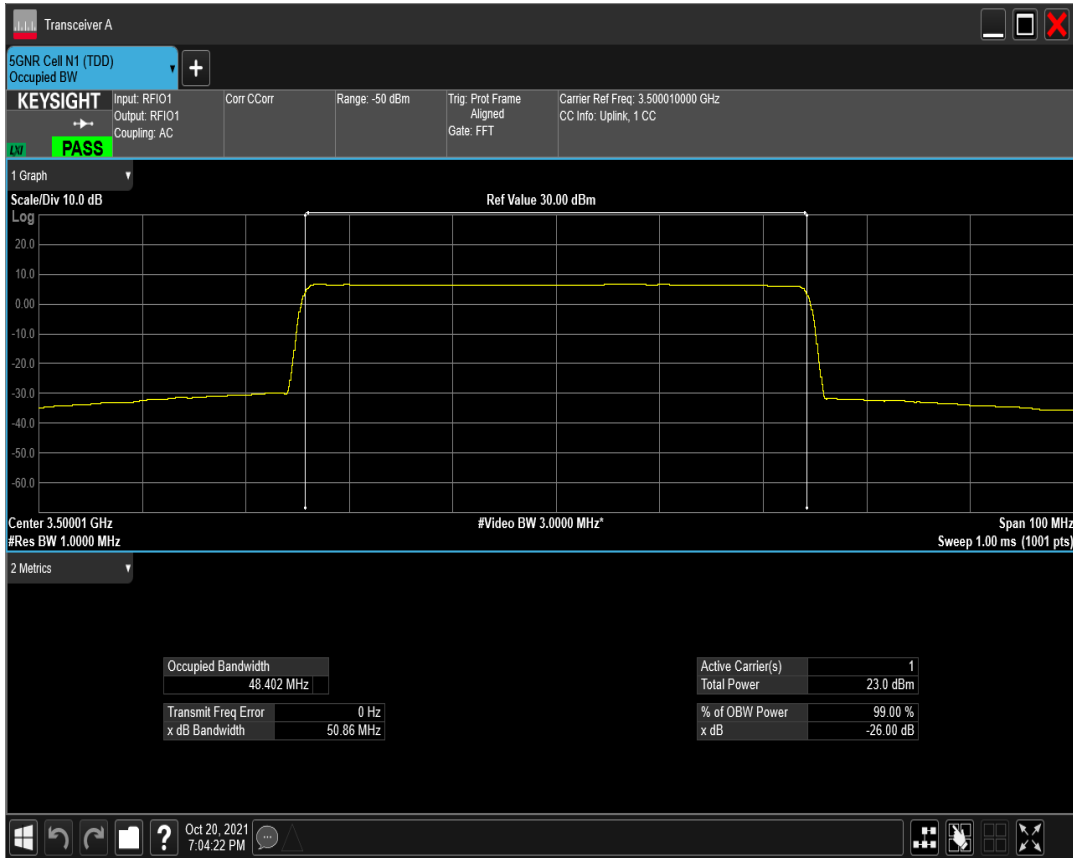
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



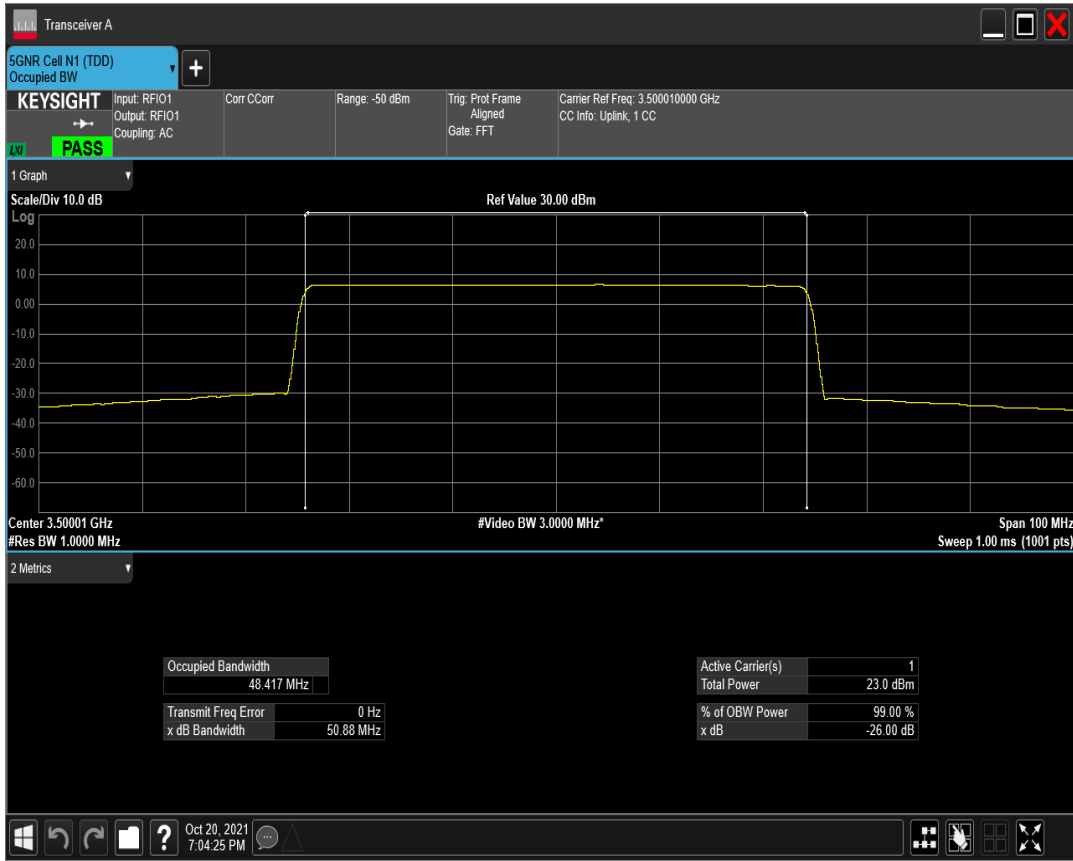
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



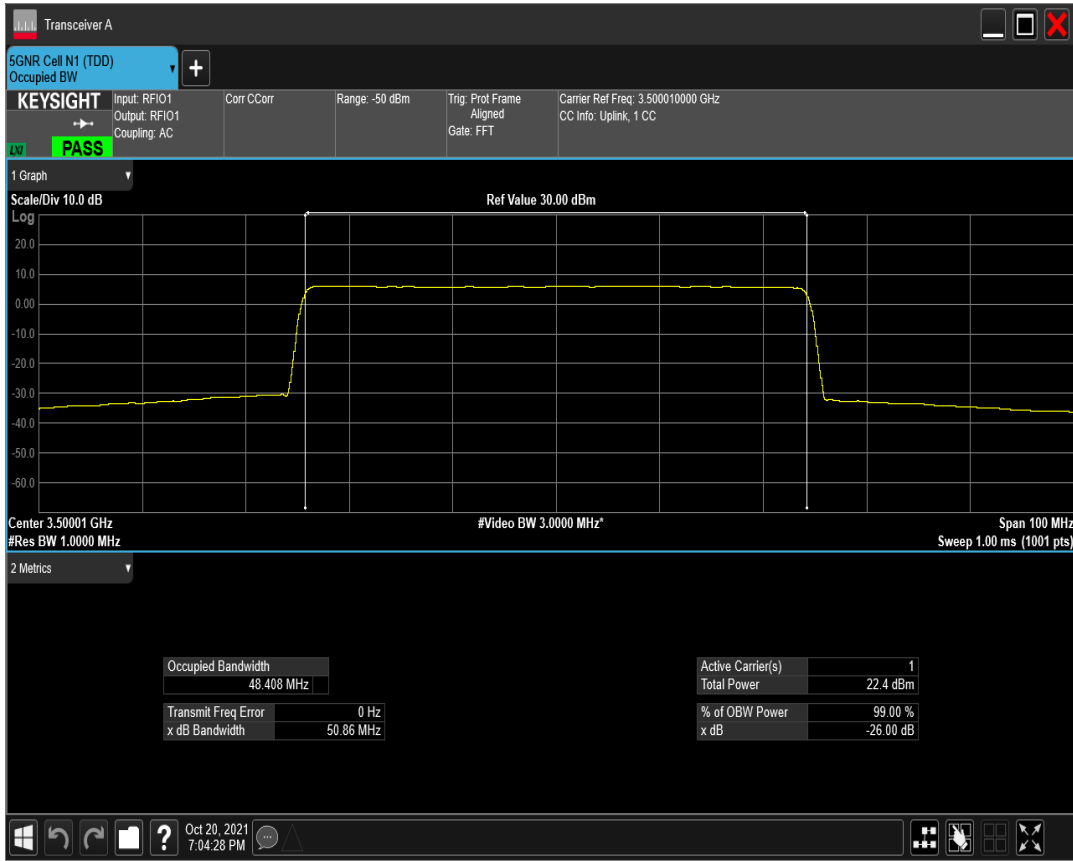
n78(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=633334 RB=270@0



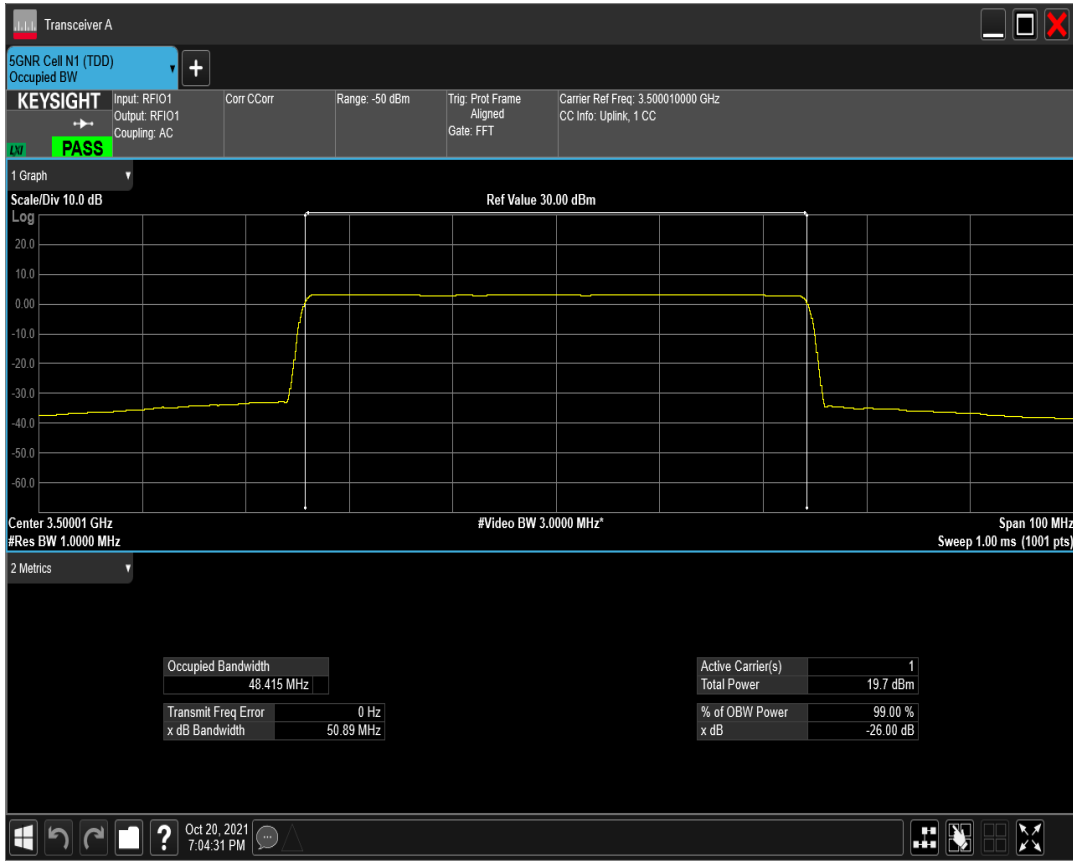
n78(3450-3550) SCS=15kHz CP_QAM16 BW=50MHz Channel=633334 RB=270@0



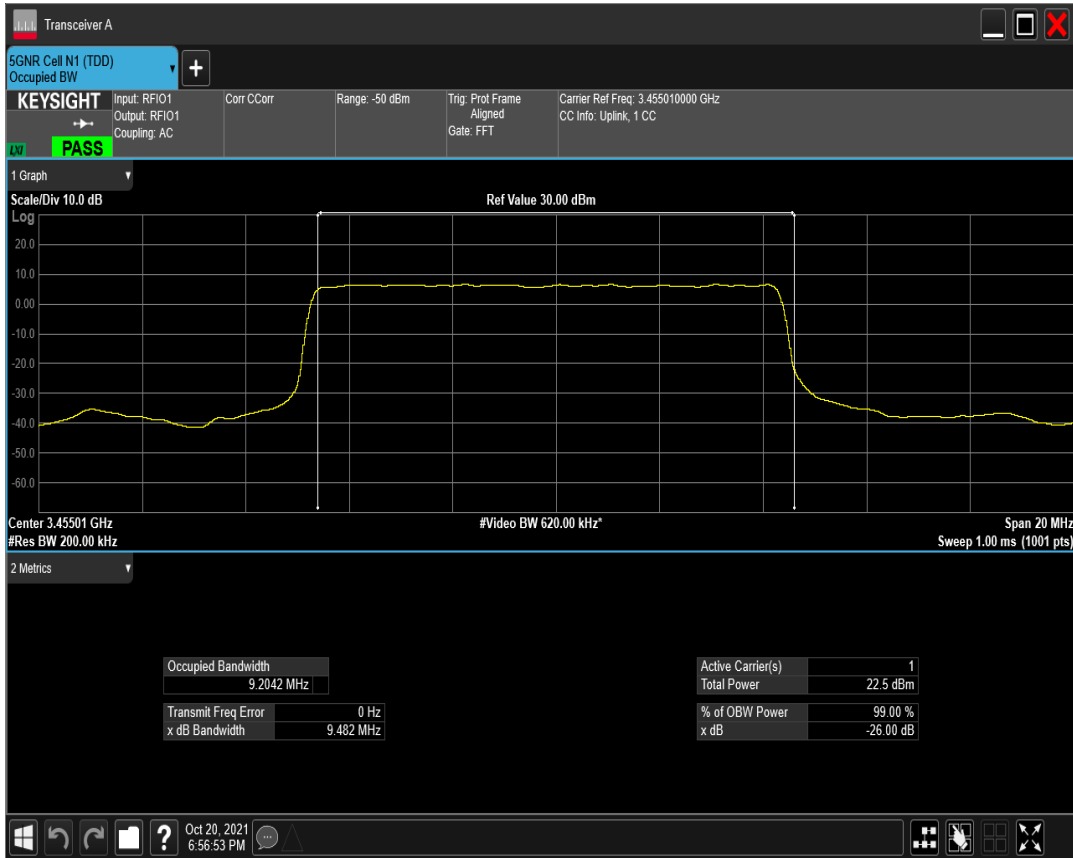
n78(3450-3550) SCS=15kHz CP_QAM64 BW=50MHz Channel=633334 RB=270@0



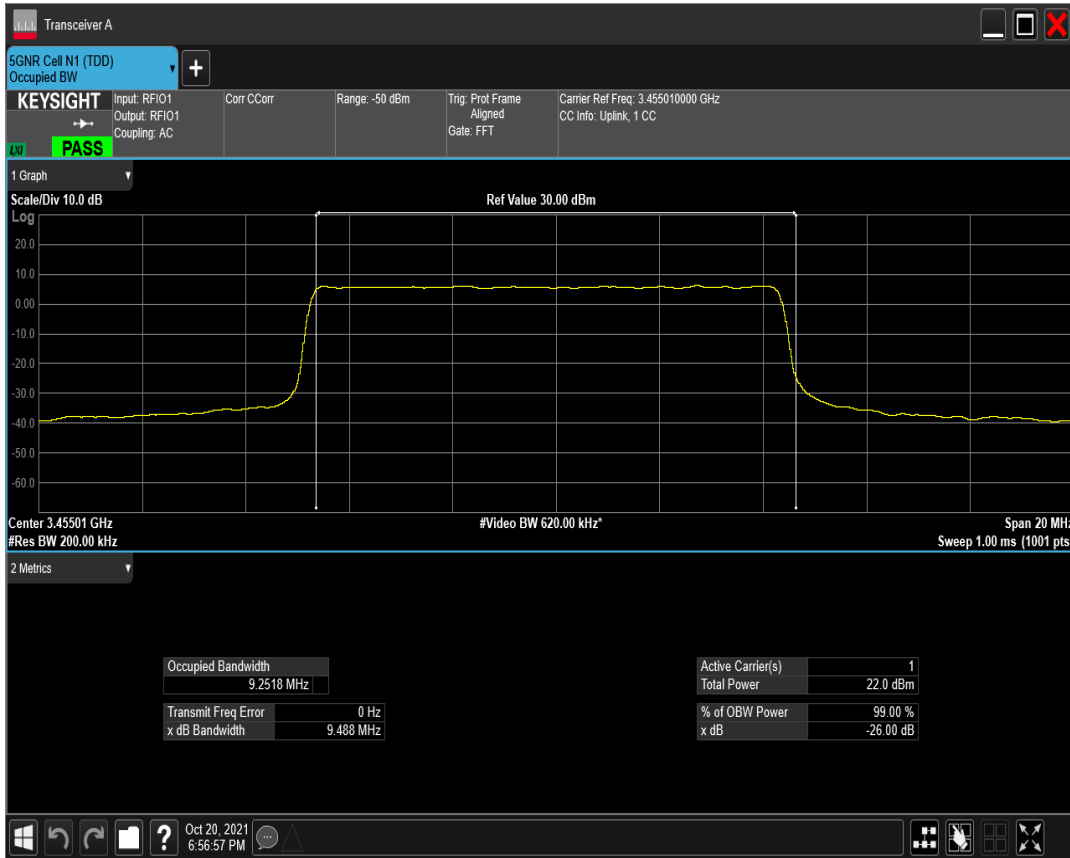
n78(3450-3550) SCS=15kHz CP_QAM256 BW=50MHz Channel=633334 RB=270@0



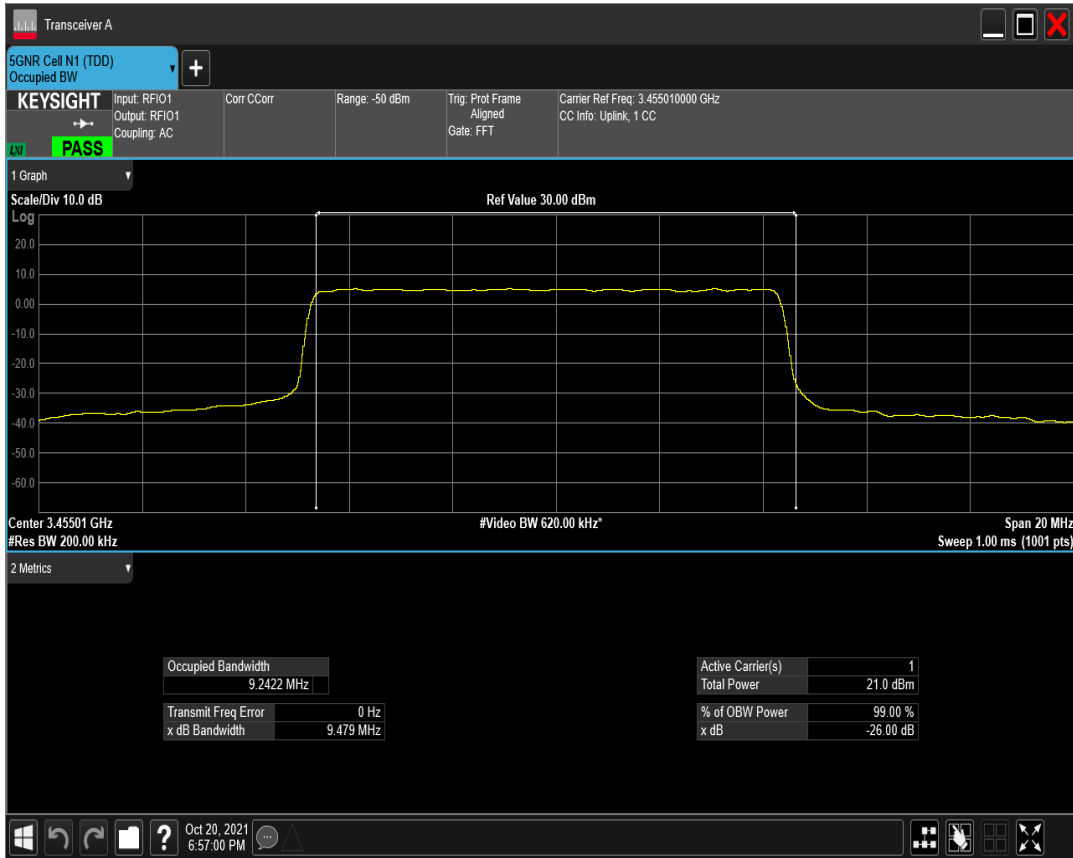
n78(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=630334 RB=50@0



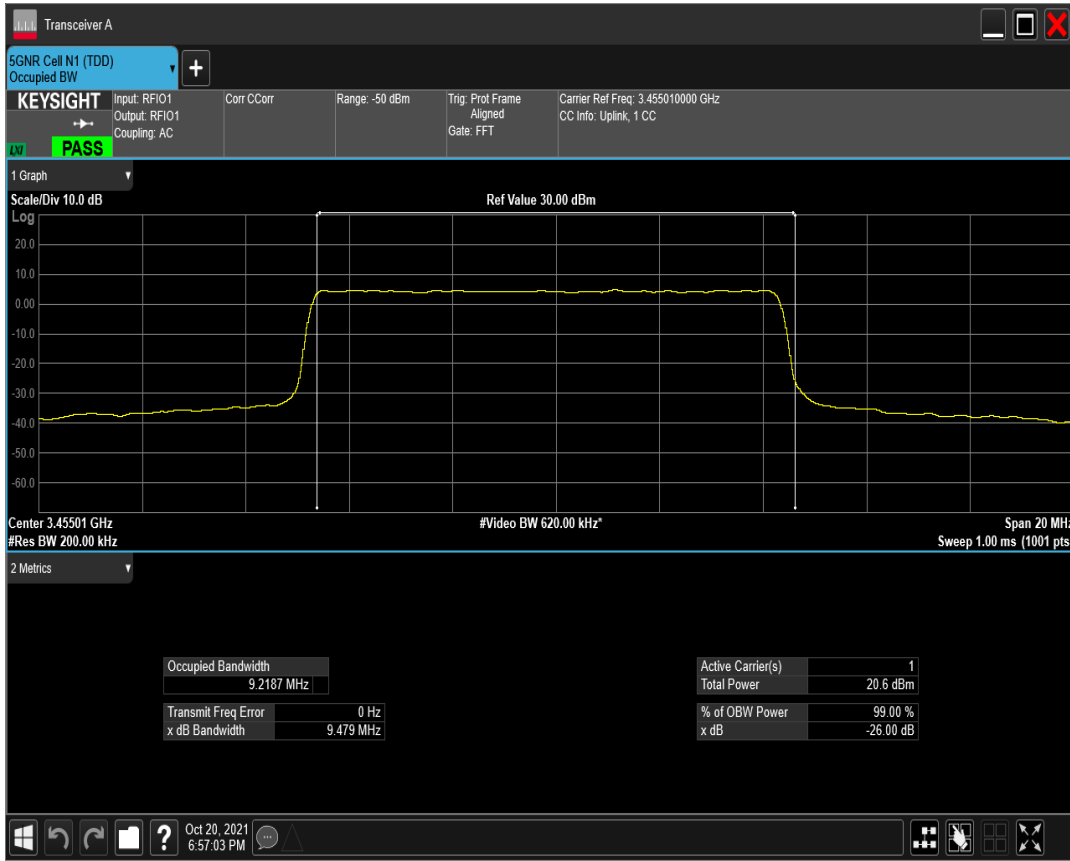
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



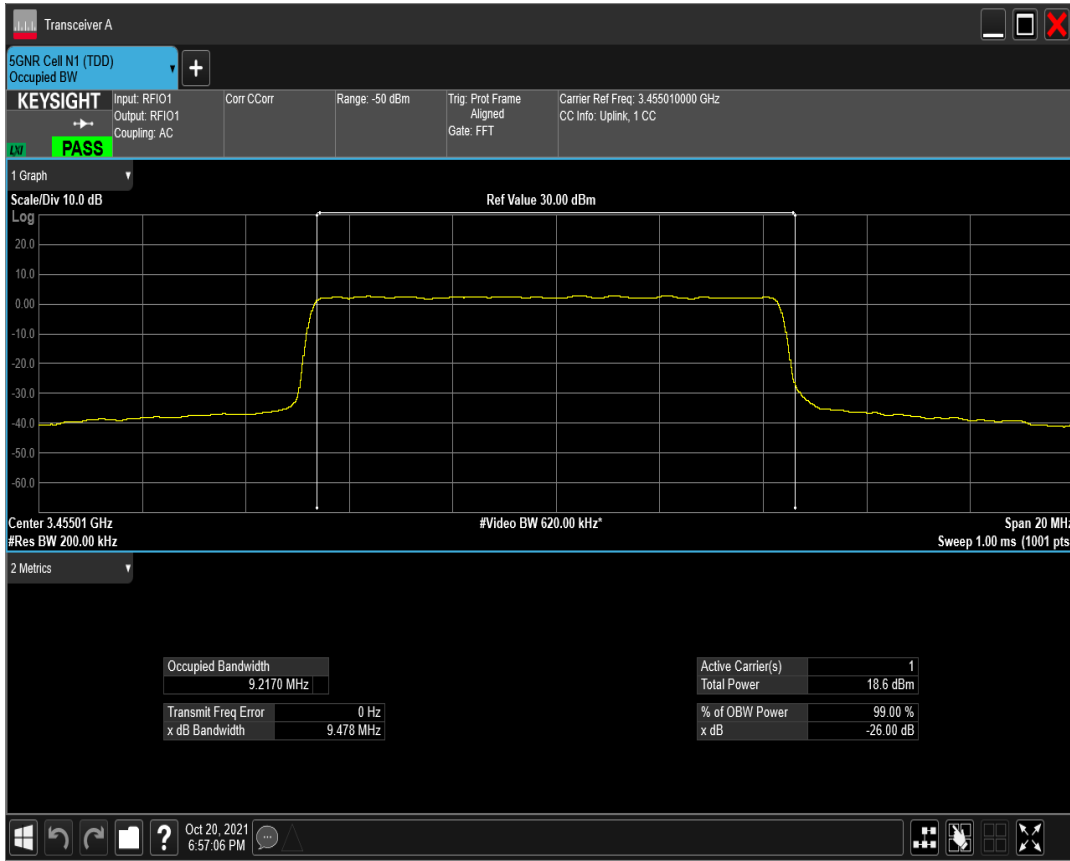
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=630334 RB=50@0



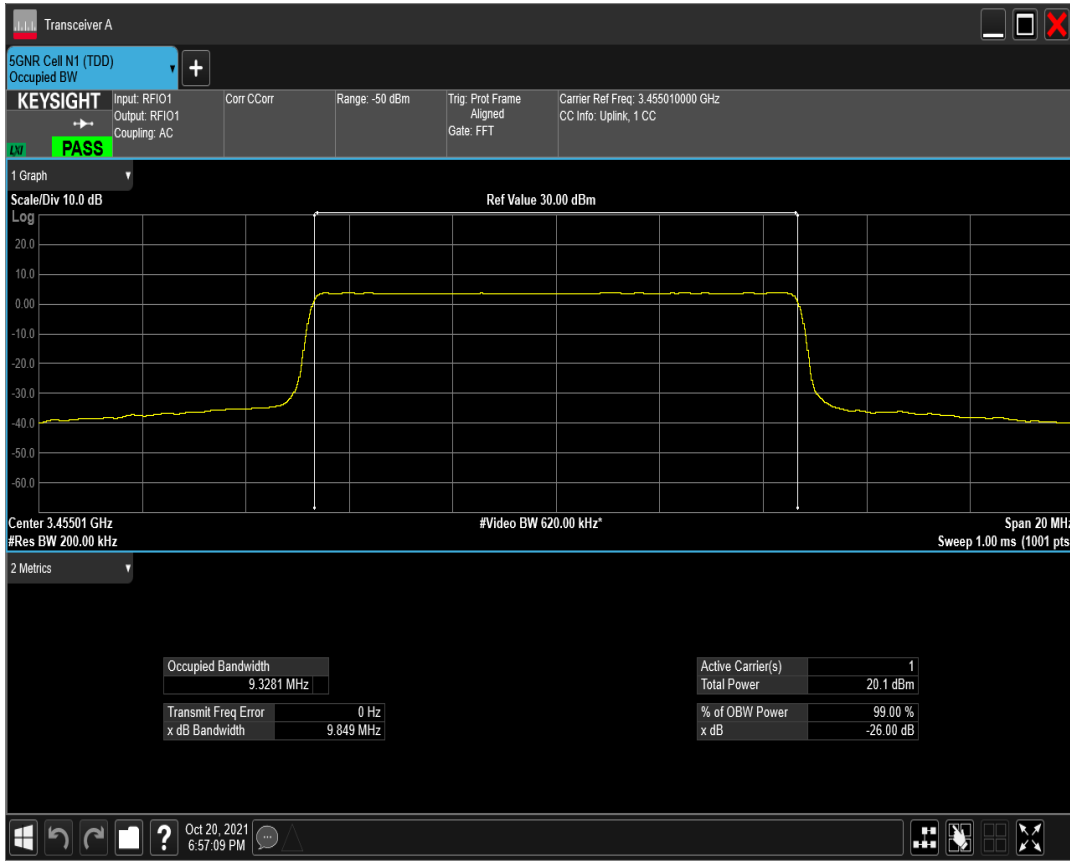
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=630334 RB=50@0



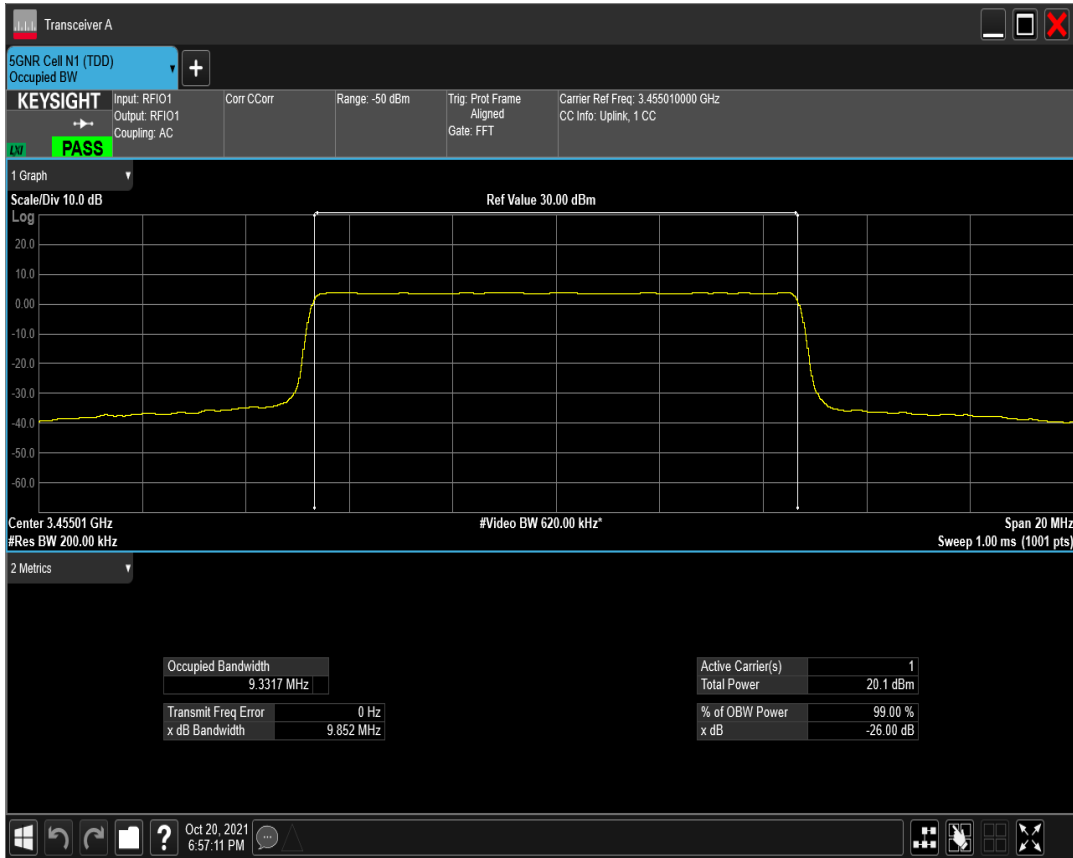
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=630334 RB=50@0



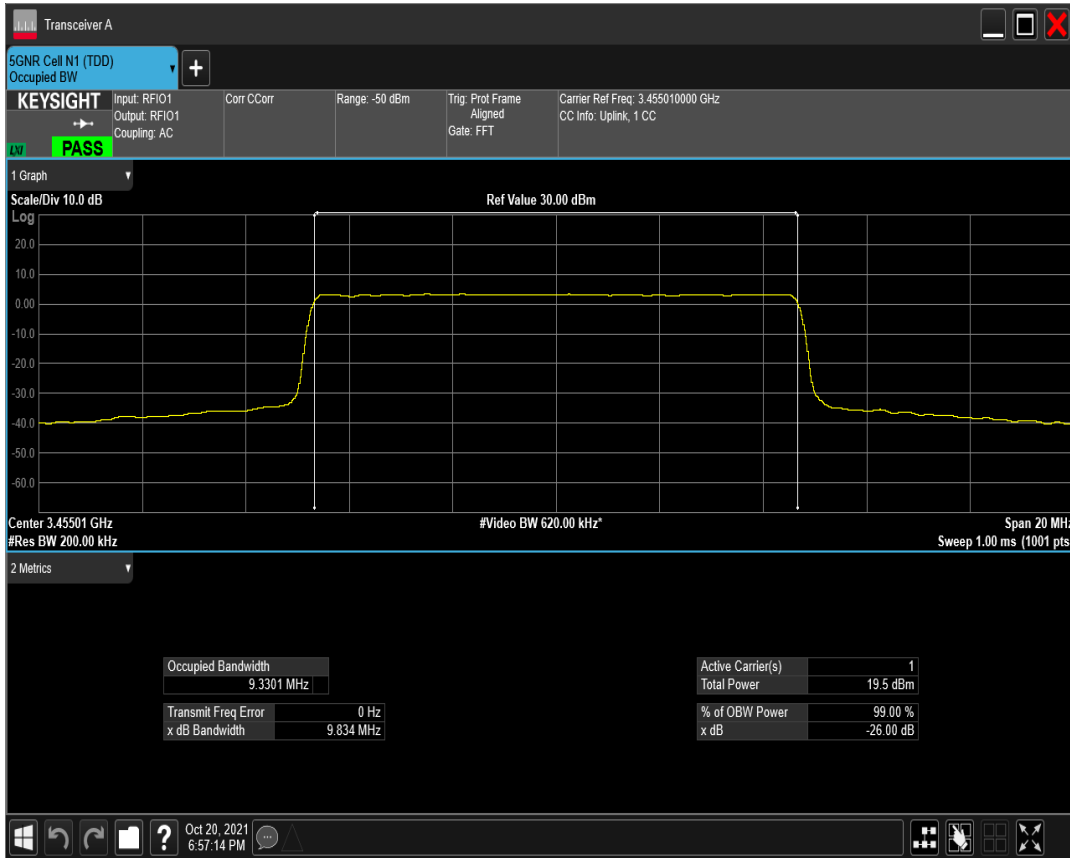
n78(3450-3550) SCS=15kHz CP_QPSK BW=10MHz Channel=630334 RB=52@0



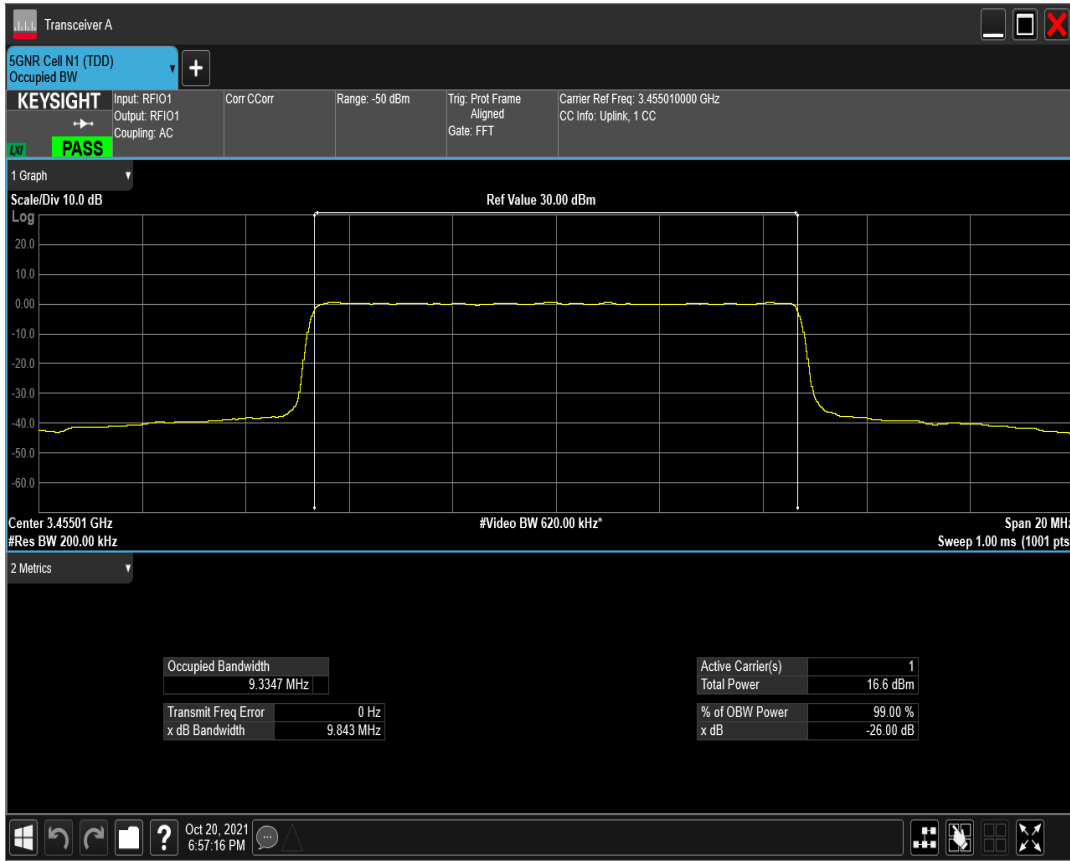
n78(3450-3550) SCS=15kHz CP_QAM16 BW=10MHz Channel=630334 RB=52@0



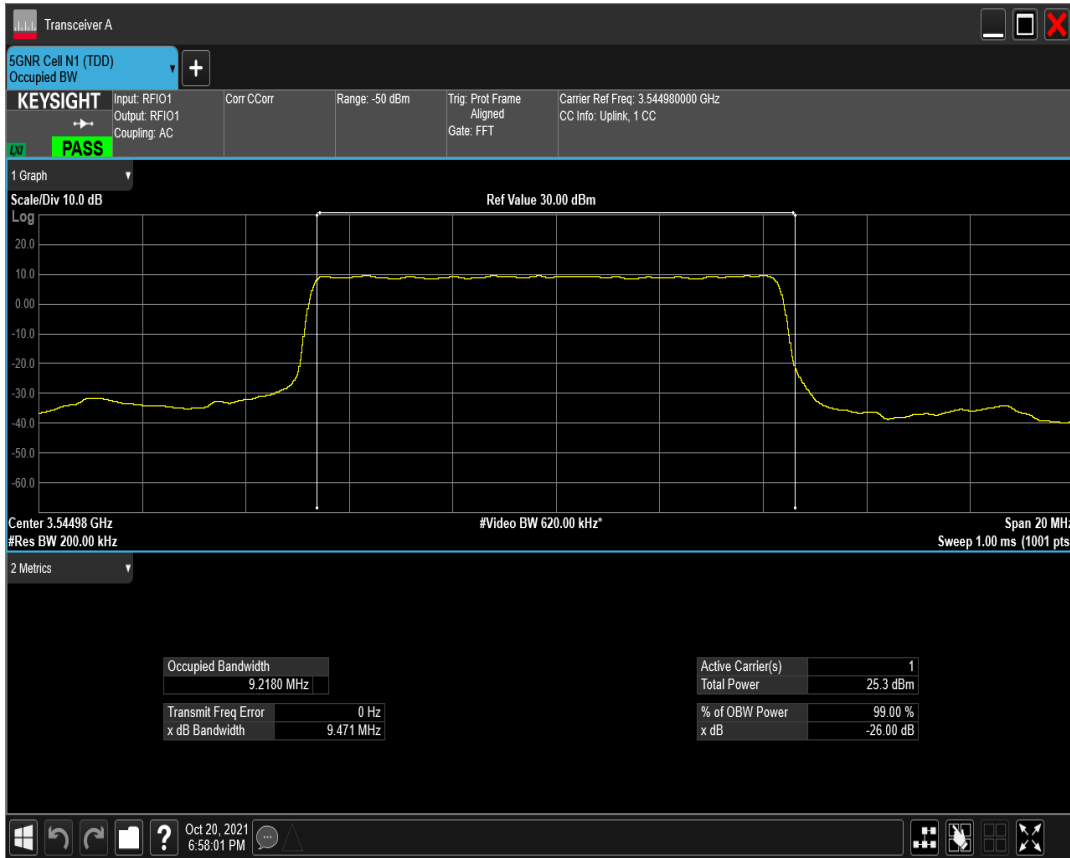
n78(3450-3550) SCS=15kHz CP_QAM64 BW=10MHz Channel=630334 RB=52@0



n78(3450-3550) SCS=15kHz CP_QAM256 BW=10MHz Channel=630334 RB=52@0



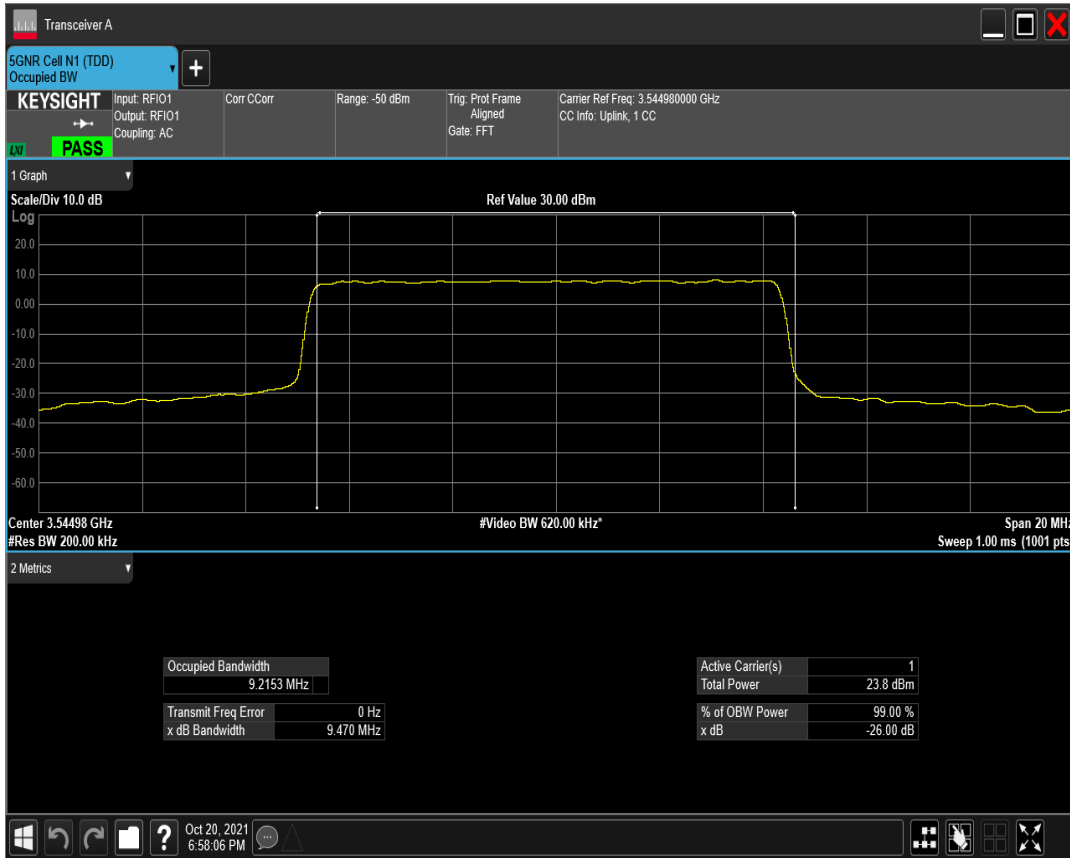
n78(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=636332 RB=50@0



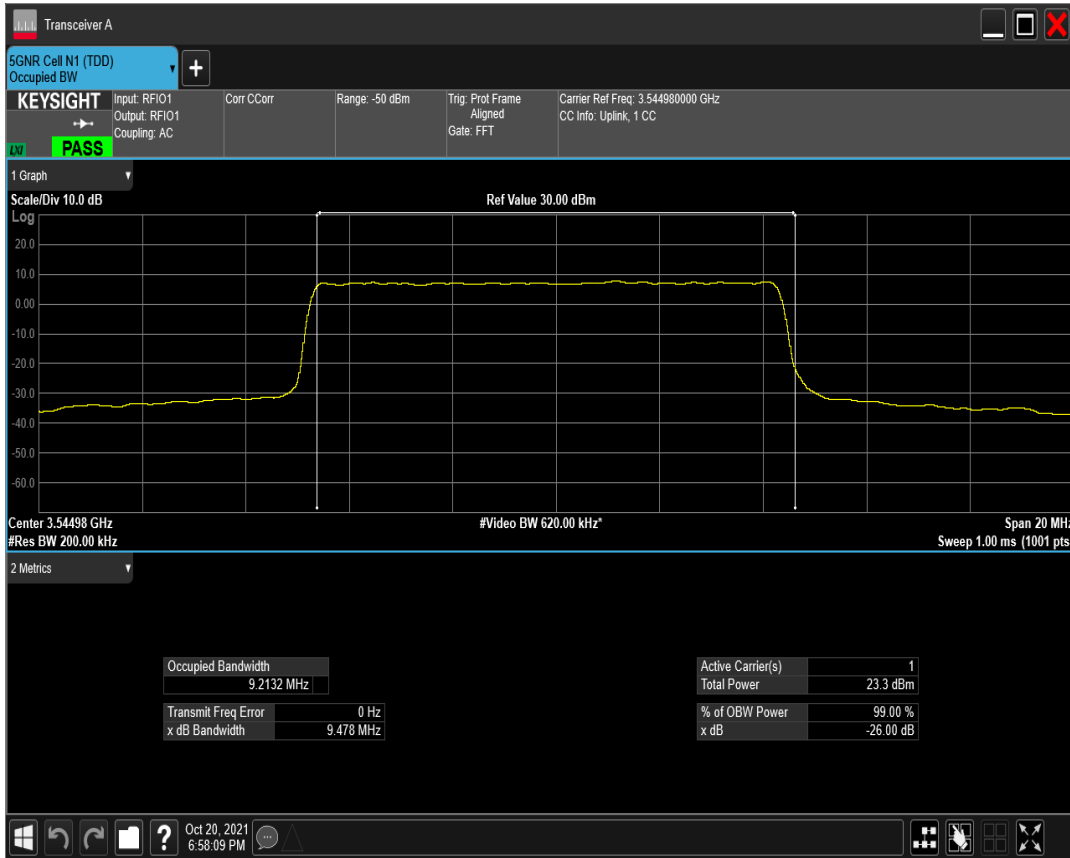
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



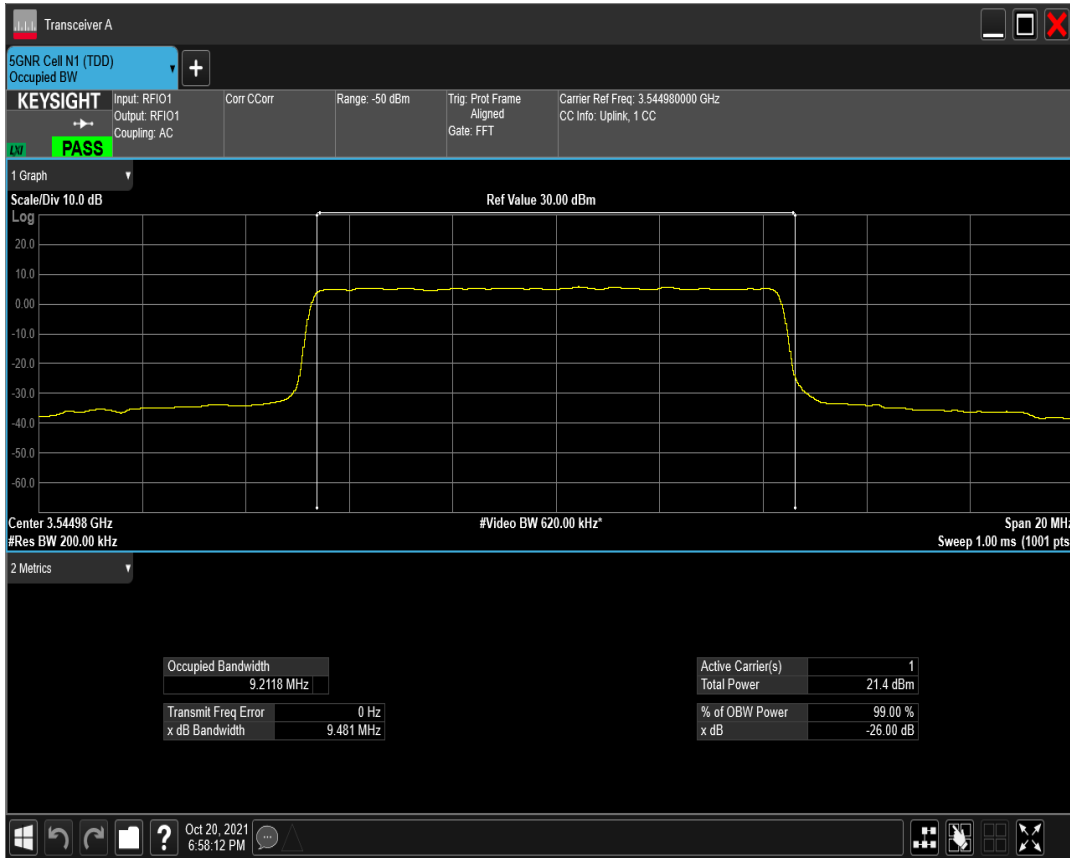
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=636332 RB=50@0



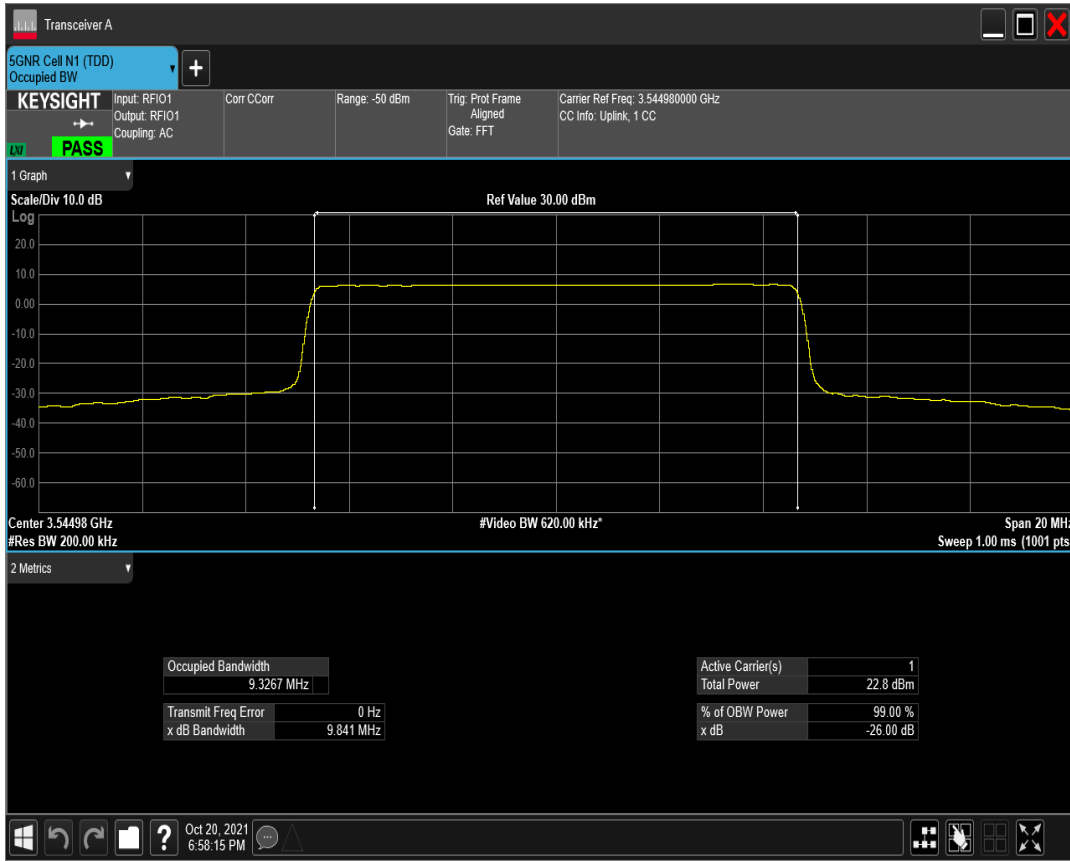
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=636332 RB=50@0



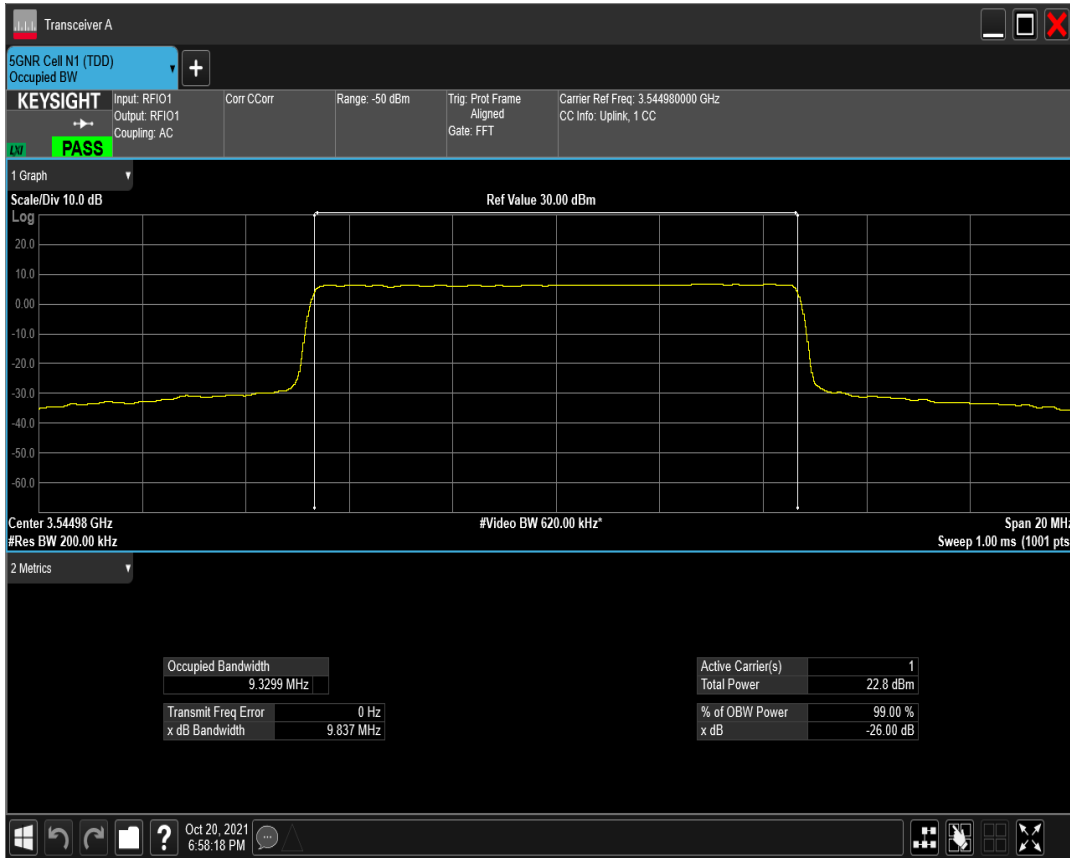
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=636332 RB=50@0



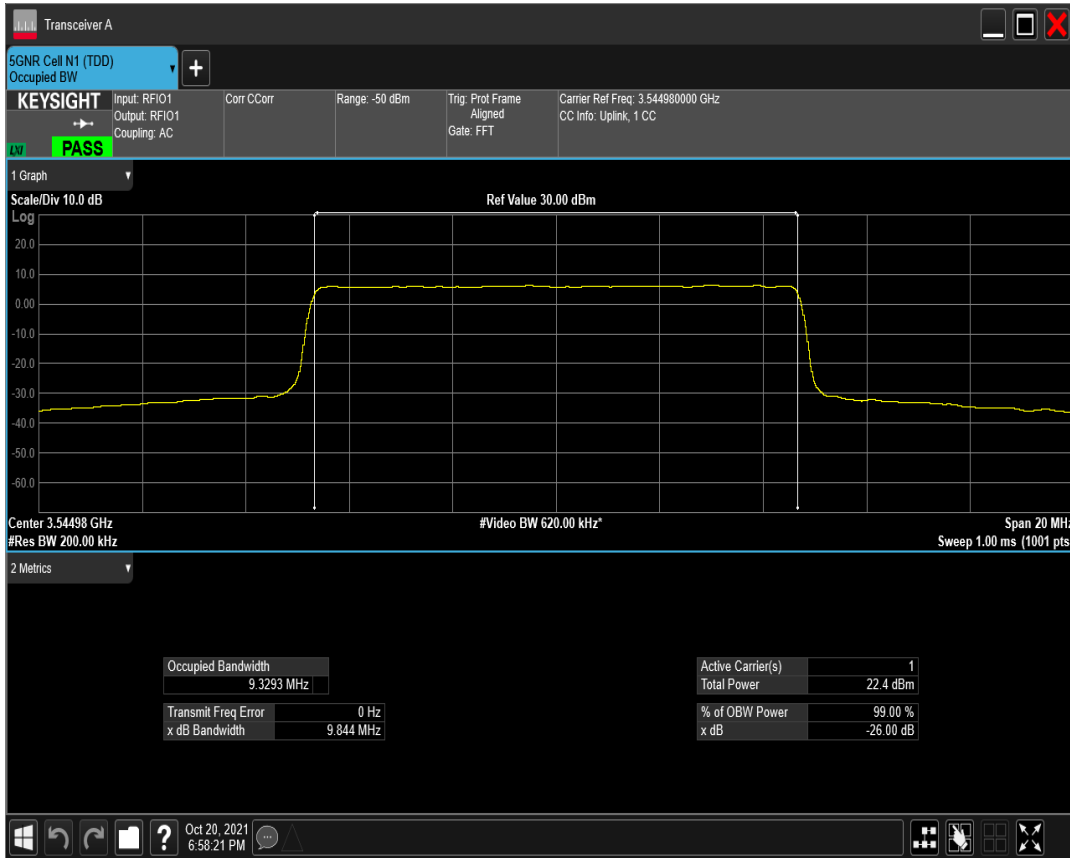
n78(3450-3550) SCS=15kHz CP_QPSK BW=10MHz Channel=636332 RB=52@0



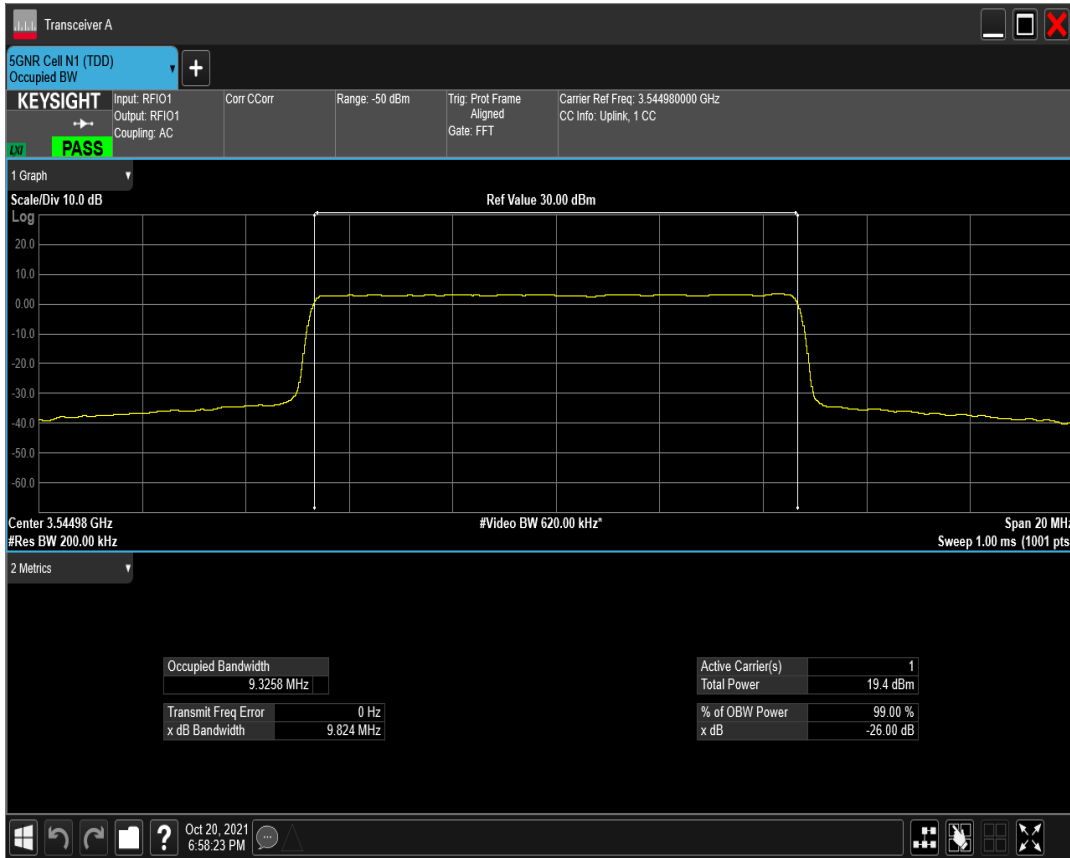
n78(3450-3550) SCS=15kHz CP_QAM16 BW=10MHz Channel=636332 RB=52@0



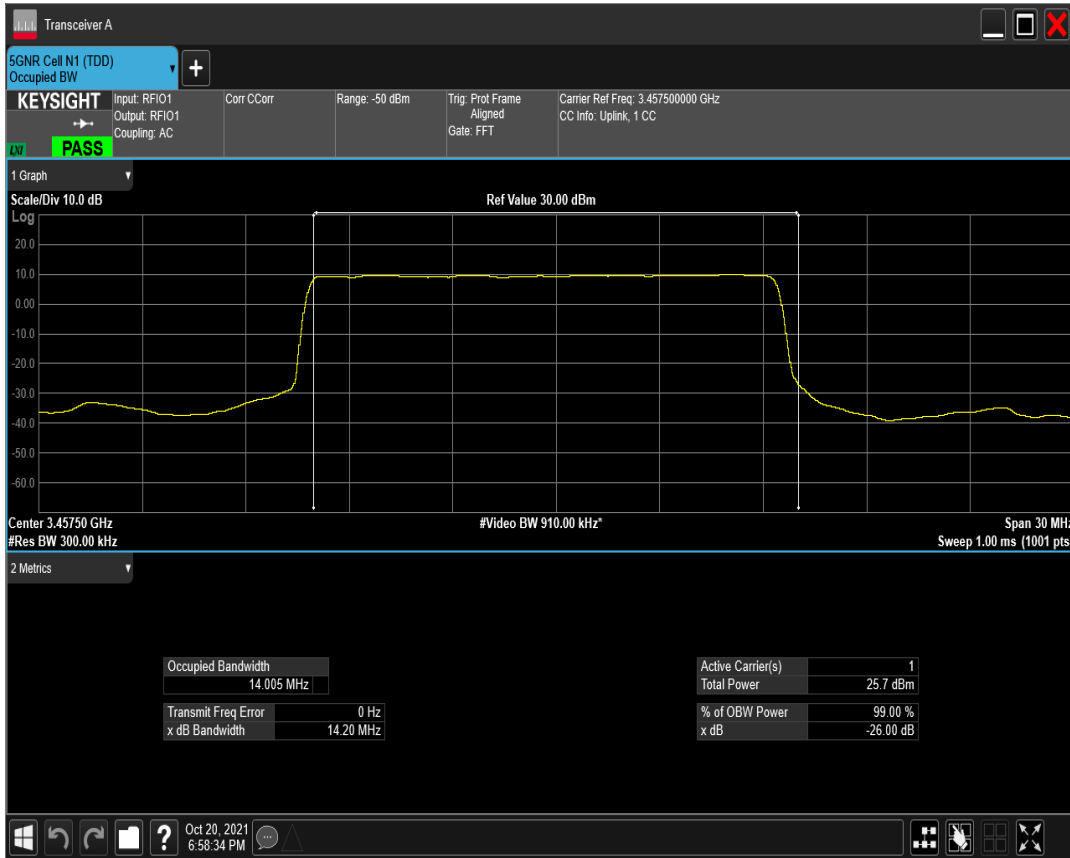
n78(3450-3550) SCS=15kHz CP_QAM64 BW=10MHz Channel=636332 RB=52@0



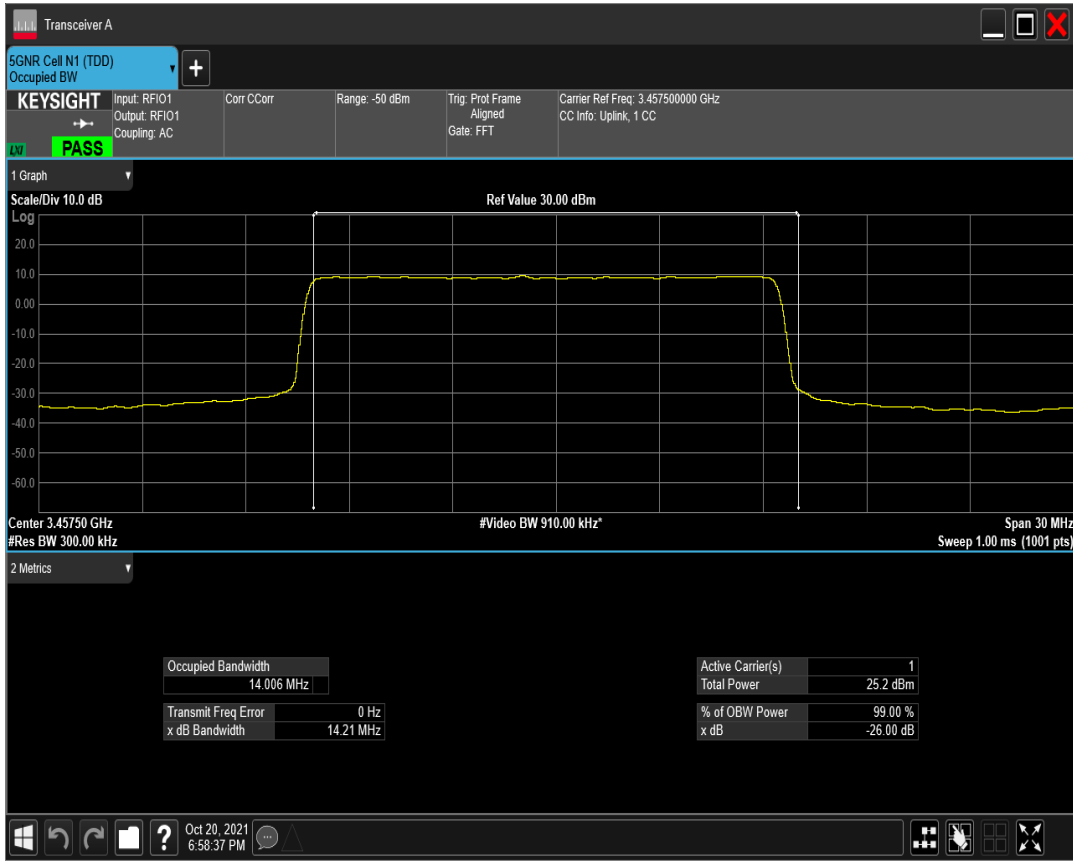
n78(3450-3550) SCS=15kHz CP_QAM256 BW=10MHz Channel=636332 RB=52@0



n78(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=630500 RB=75@0



n78(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=630500 RB=75@0



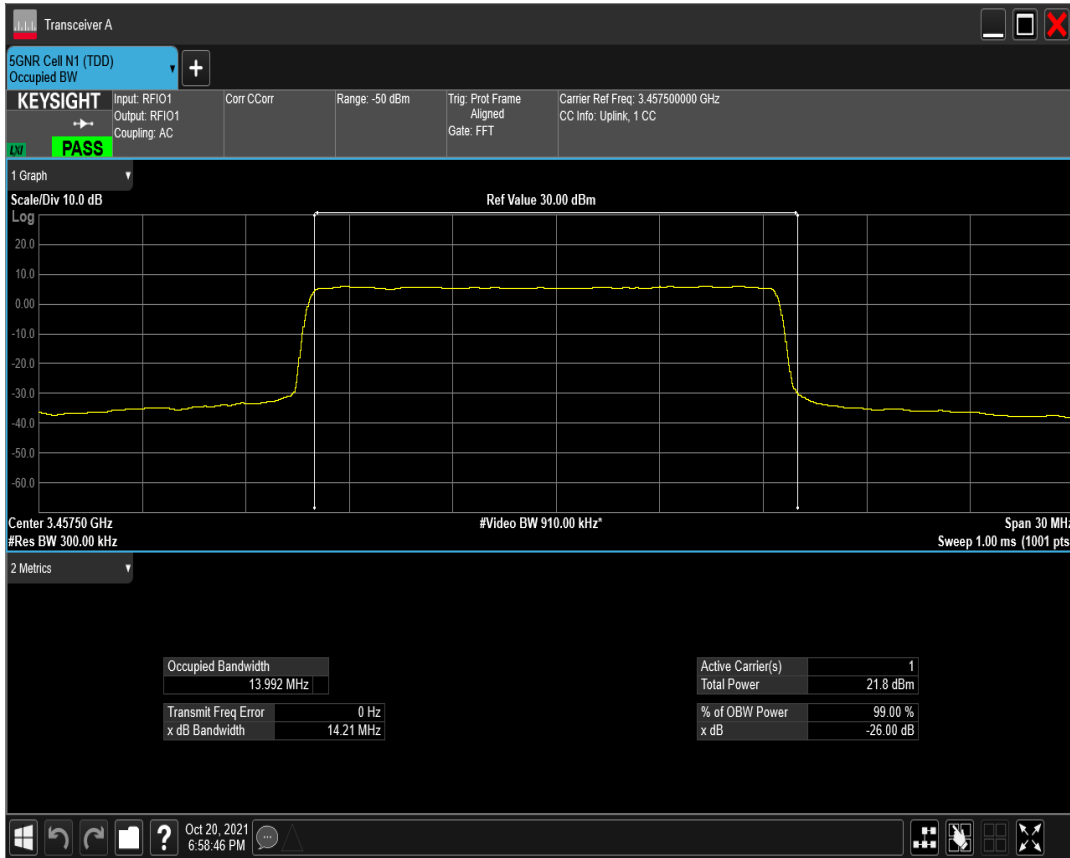
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=630500 RB=75@0



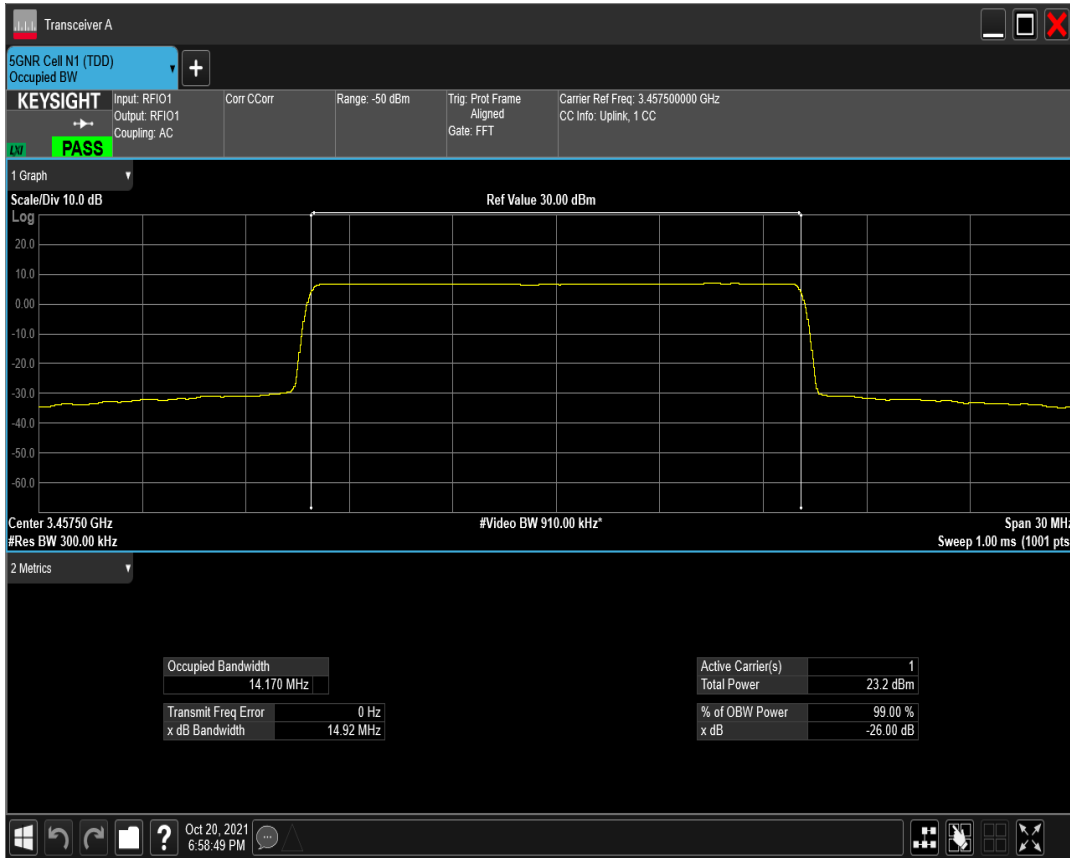
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=630500 RB=75@0



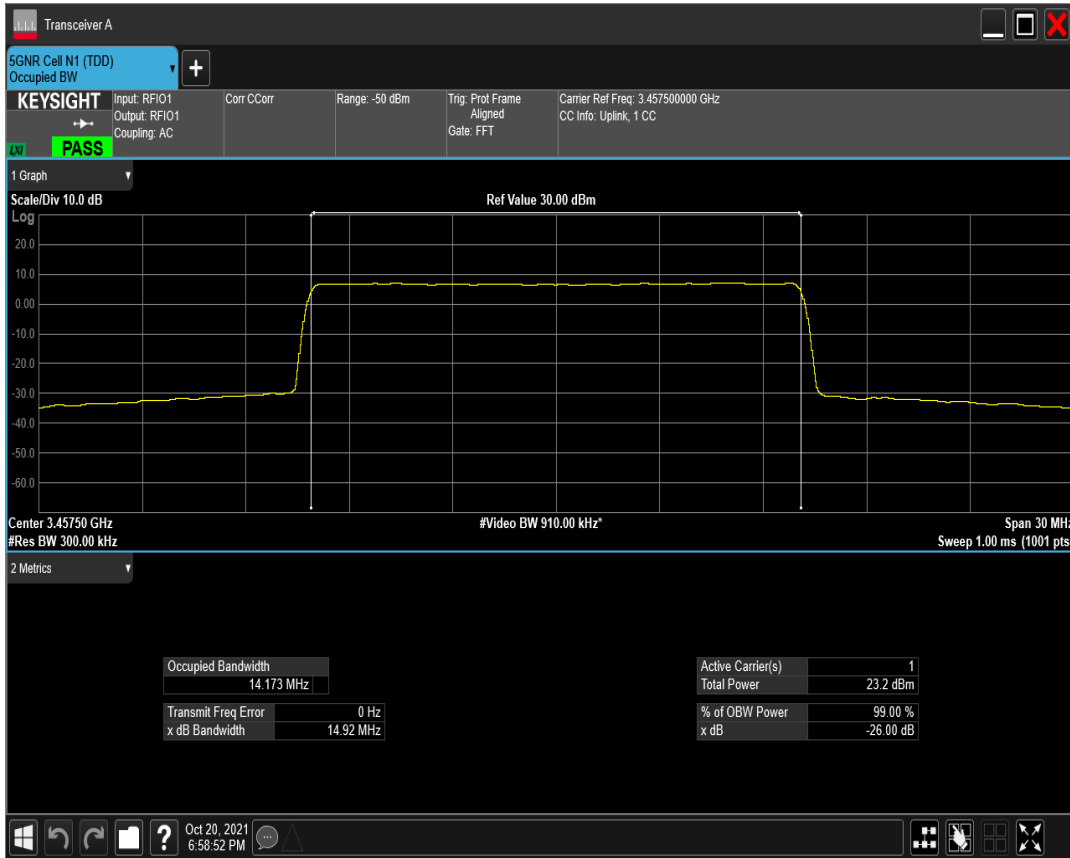
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=630500 RB=75@0



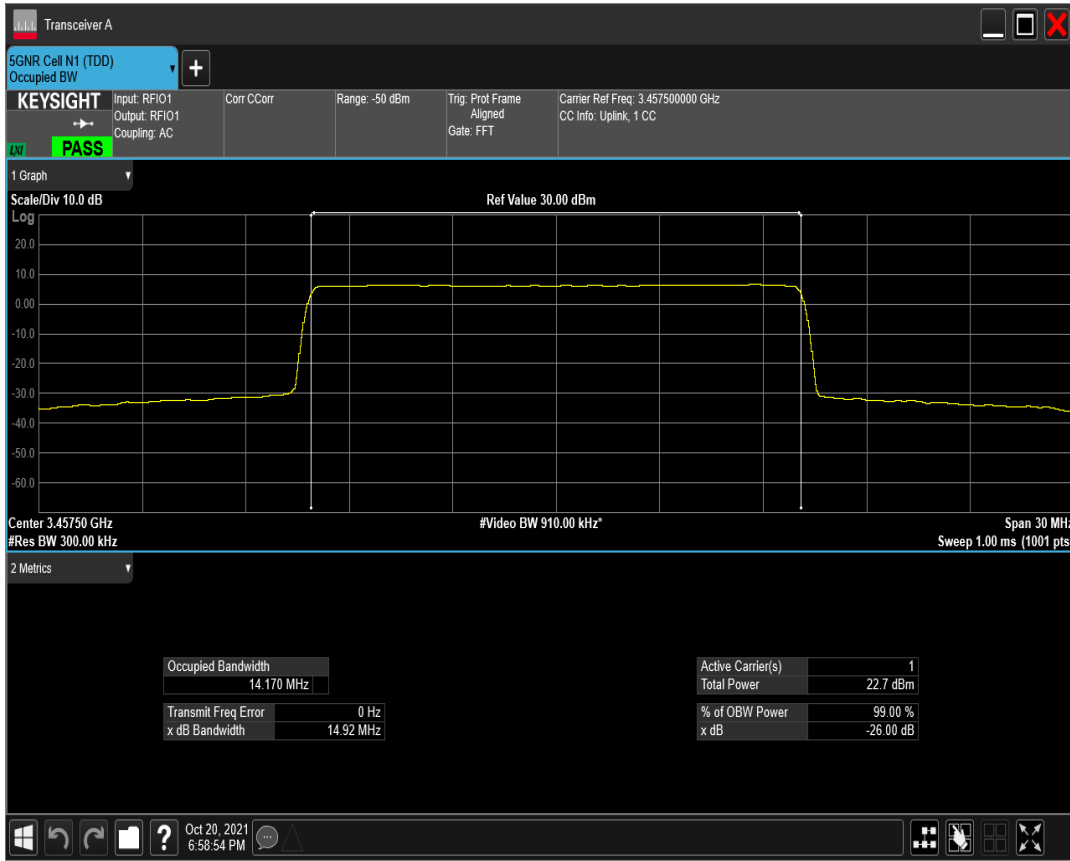
n78(3450-3550) SCS=15kHz CP_QPSK BW=15MHz Channel=630500 RB=79@0



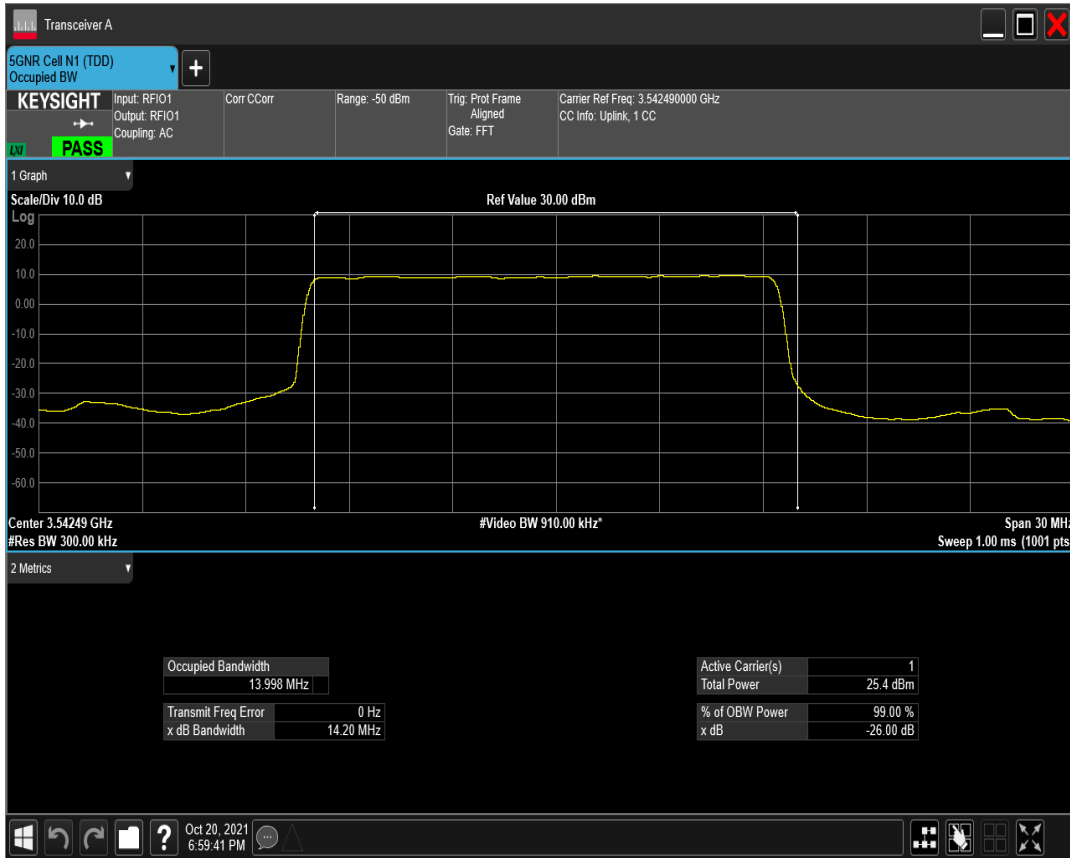
n78(3450-3550) SCS=15kHz CP_QAM16 BW=15MHz Channel=630500 RB=79@0



n78(3450-3550) SCS=15kHz CP_QAM64 BW=15MHz Channel=630500 RB=79@0



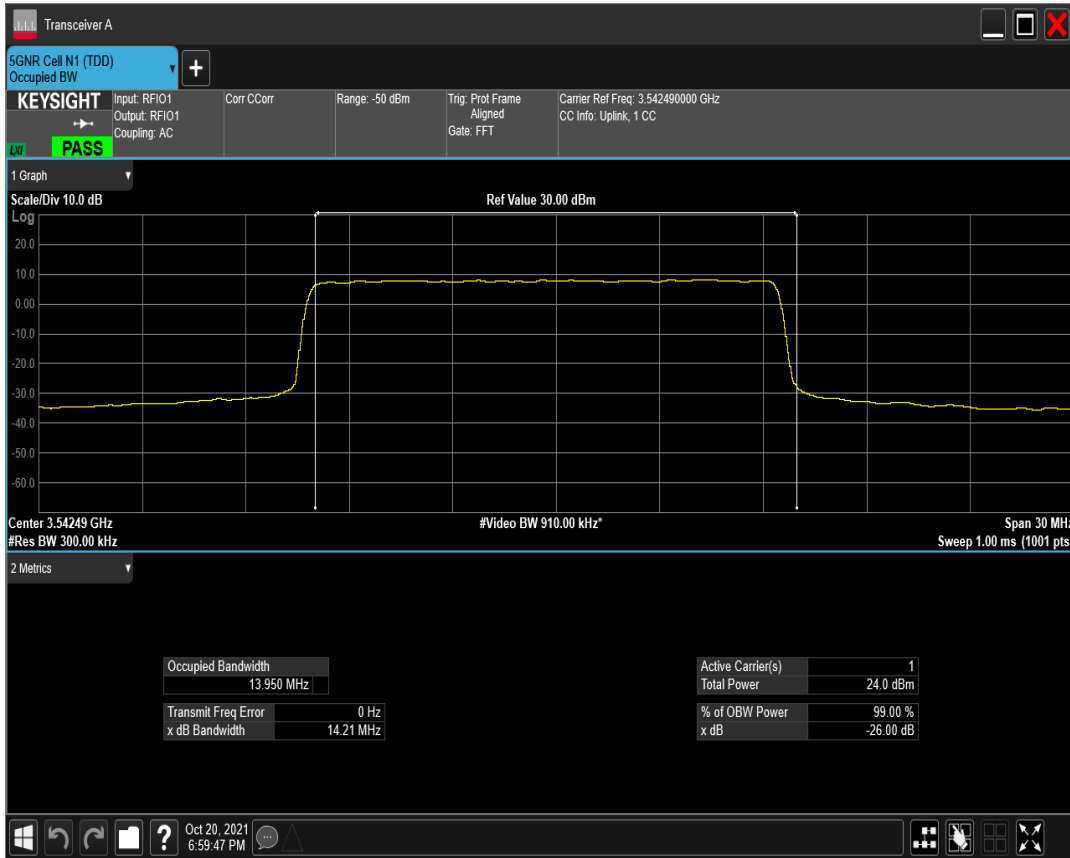
n78(3450-3550) SCS=15kHz CP_QAM256 BW=15MHz Channel=630500 RB=79@0



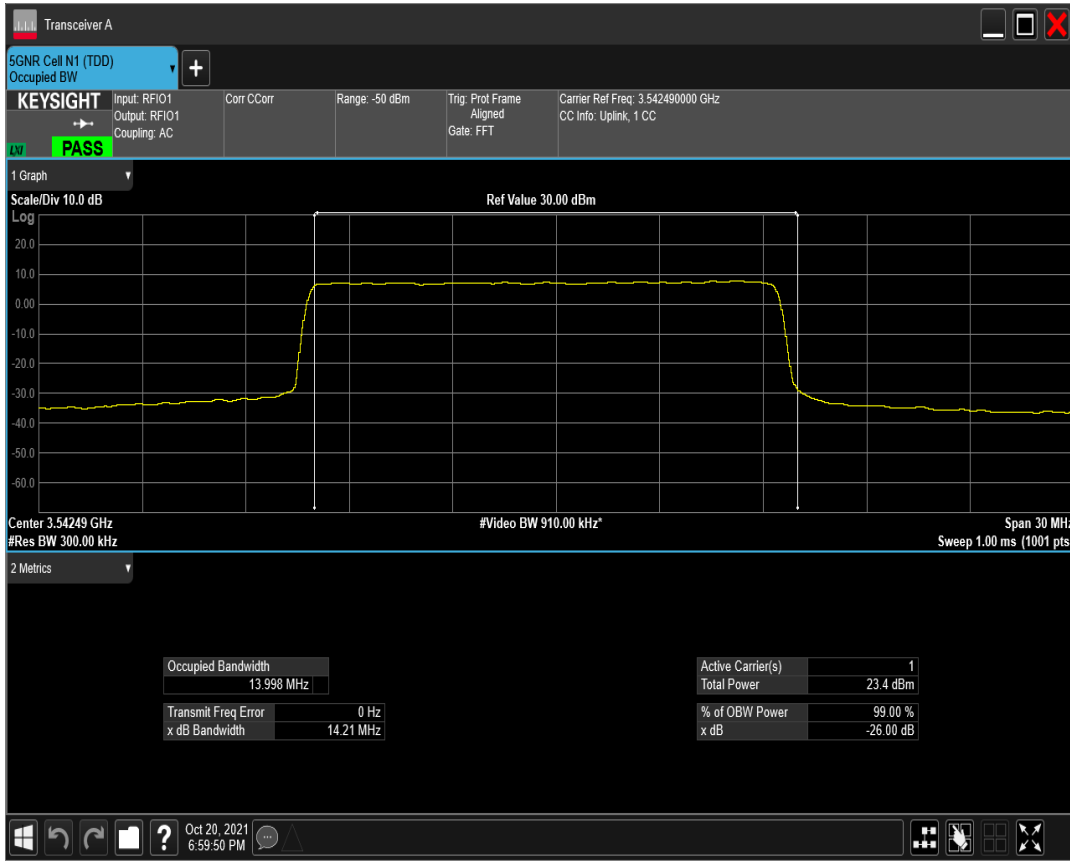
n78(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=636166 RB=75@0



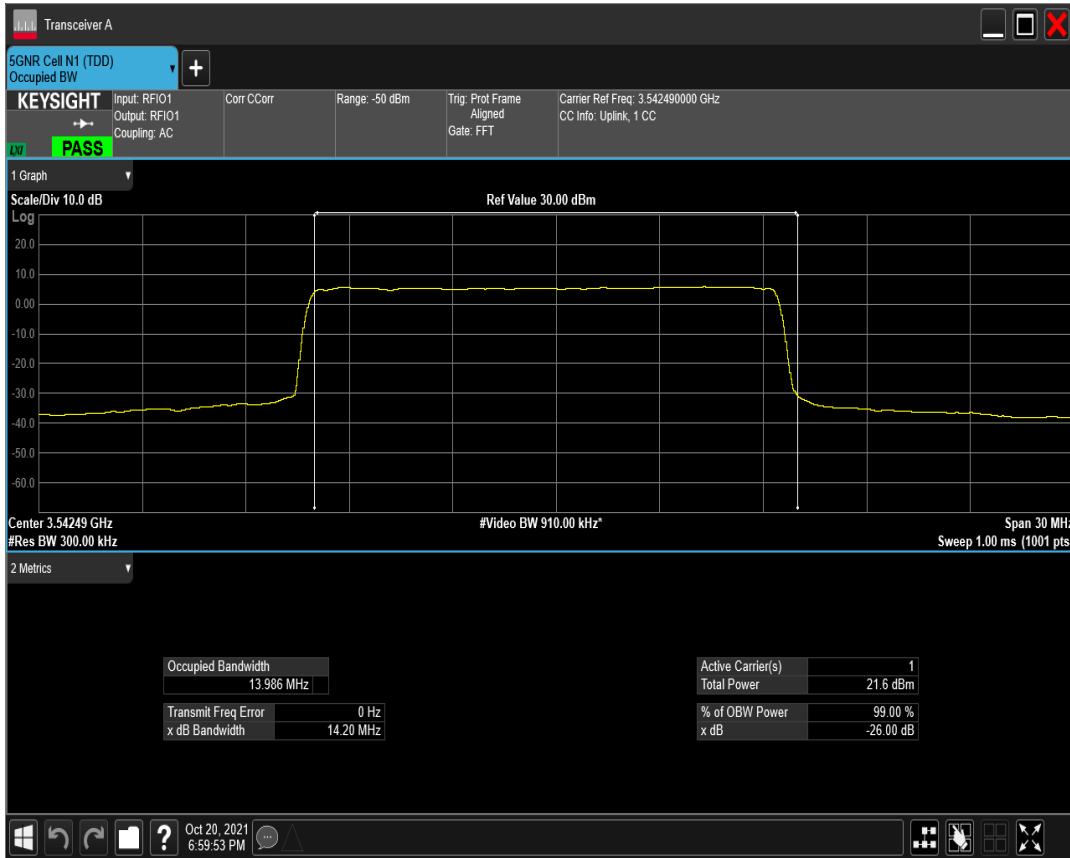
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=636166 RB=75@0



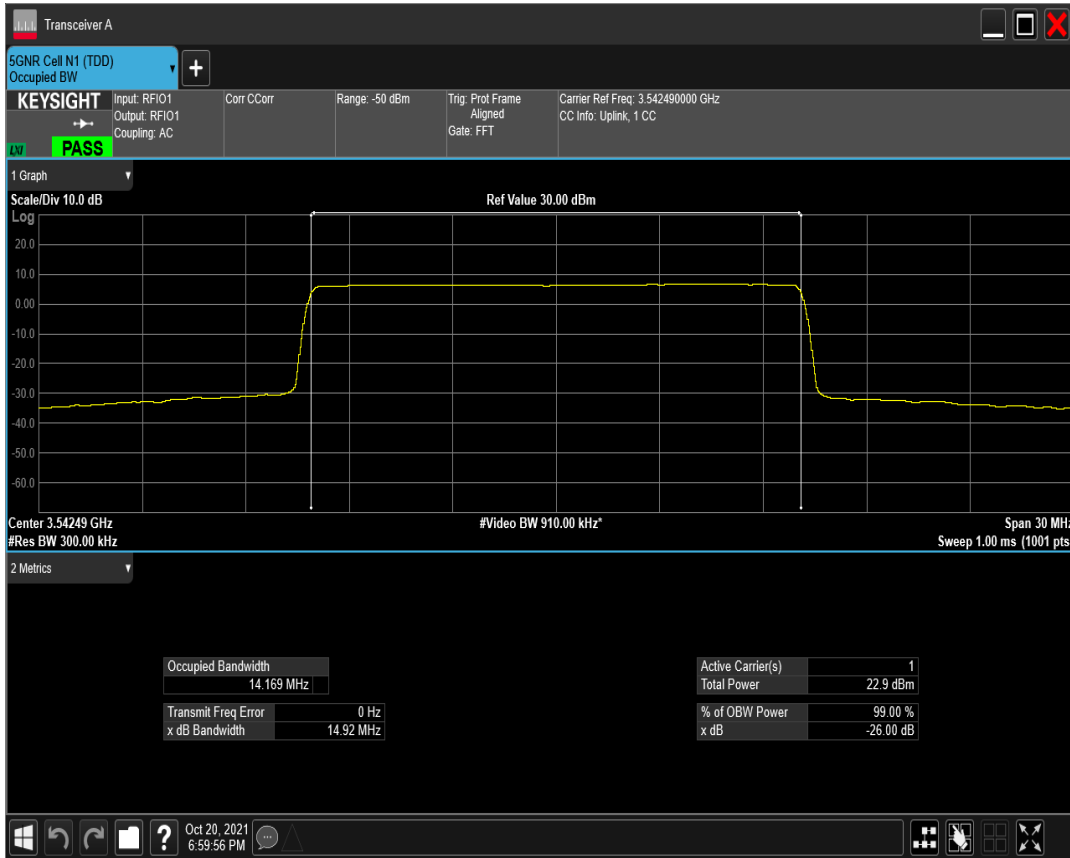
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=636166 RB=75@0



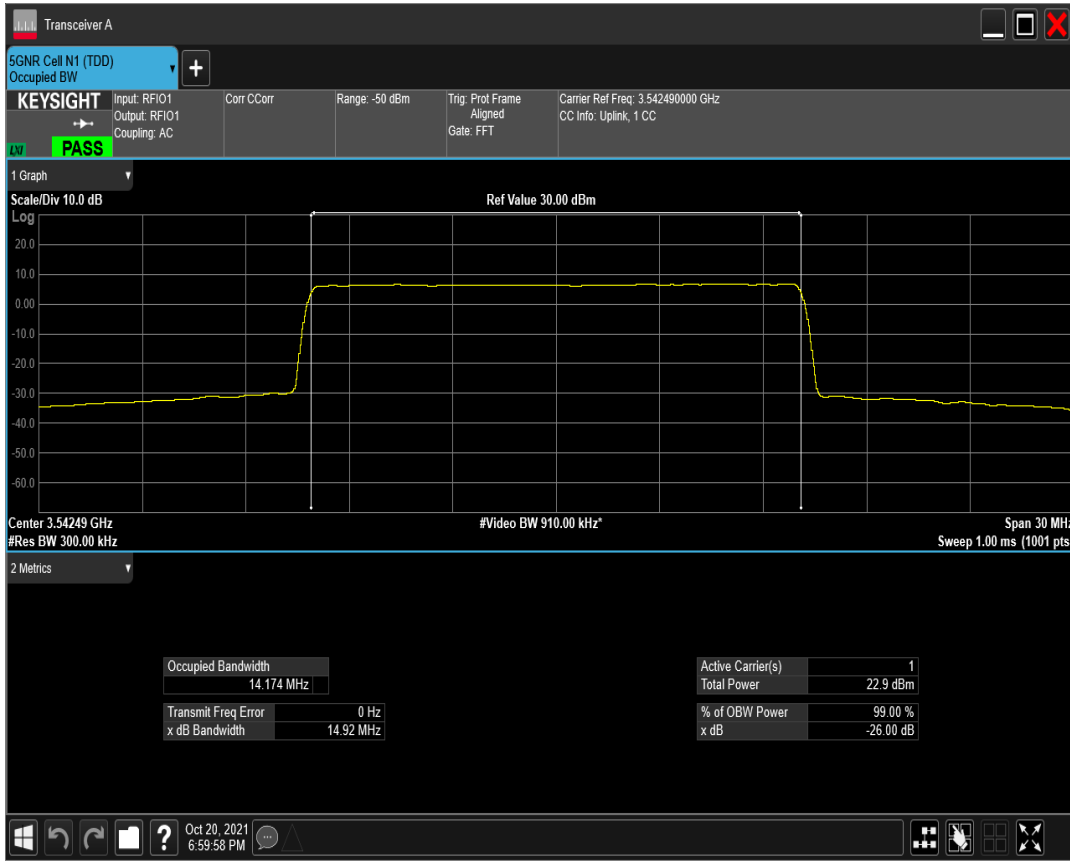
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=636166 RB=75@0



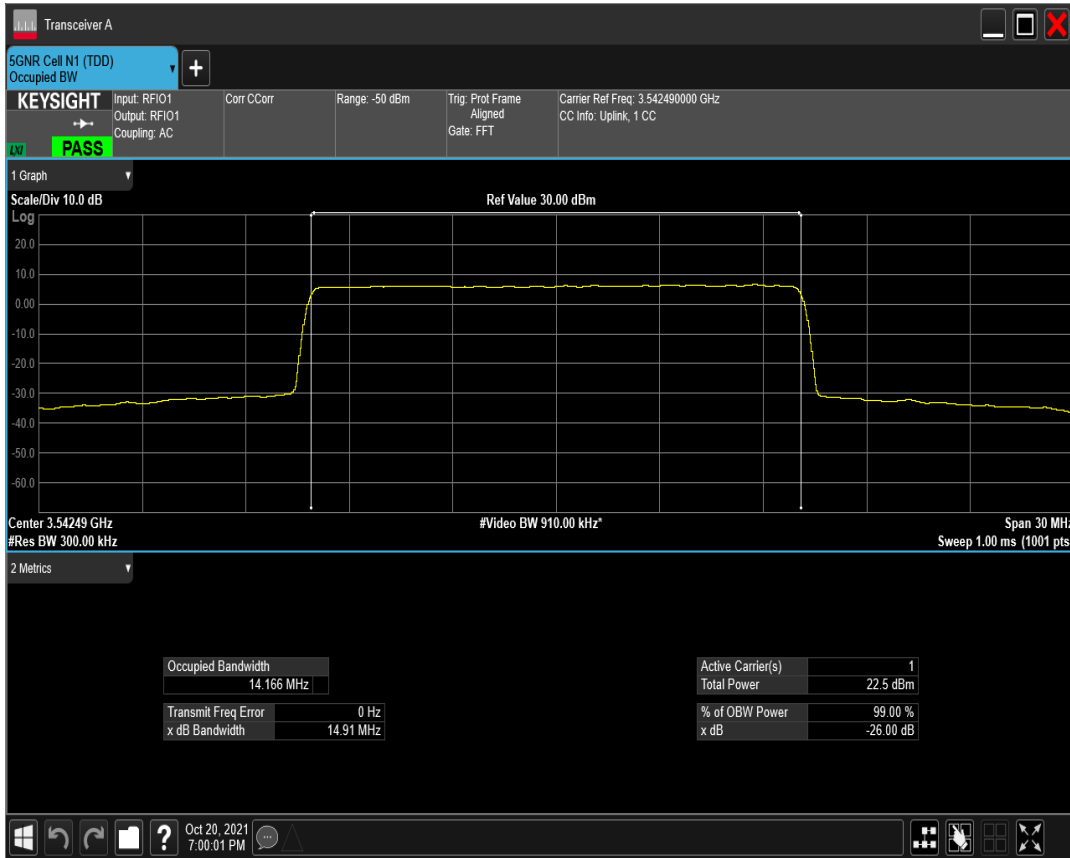
n78(3450-3550) SCS=15kHz CP_QPSK BW=15MHz Channel=636166 RB=79@0



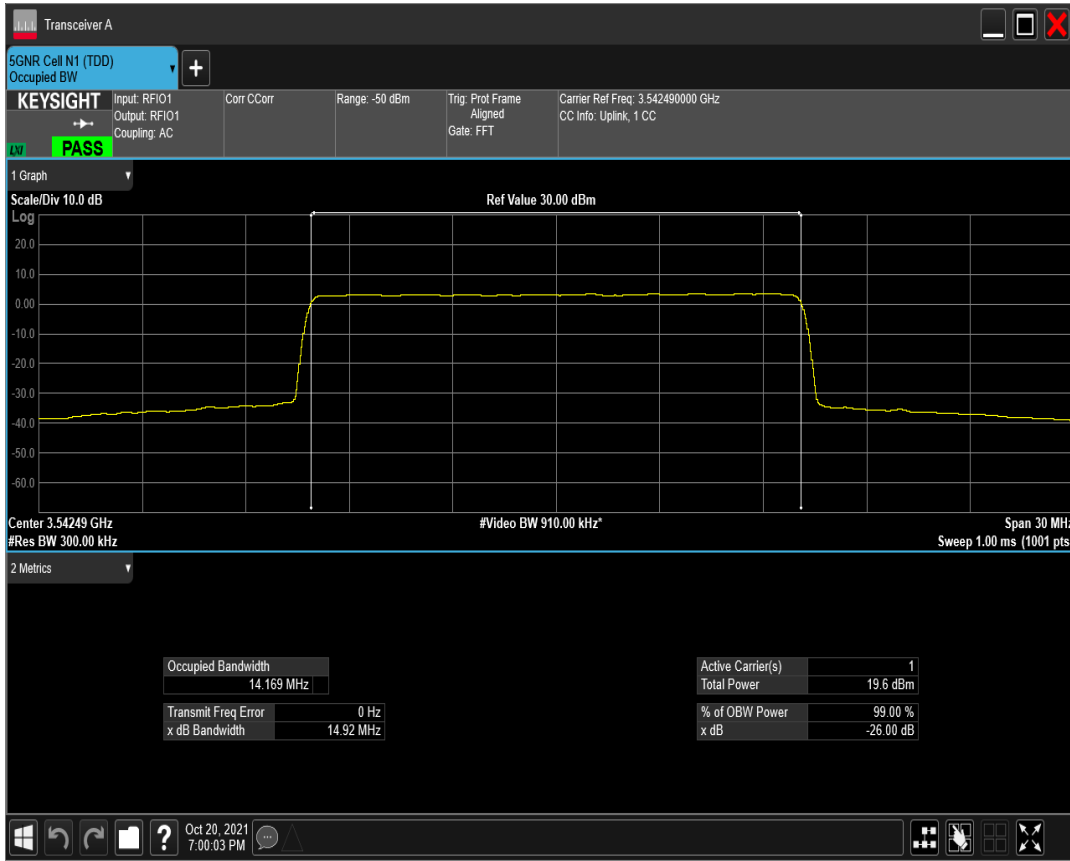
n78(3450-3550) SCS=15kHz CP_QAM16 BW=15MHz Channel=636166 RB=79@0



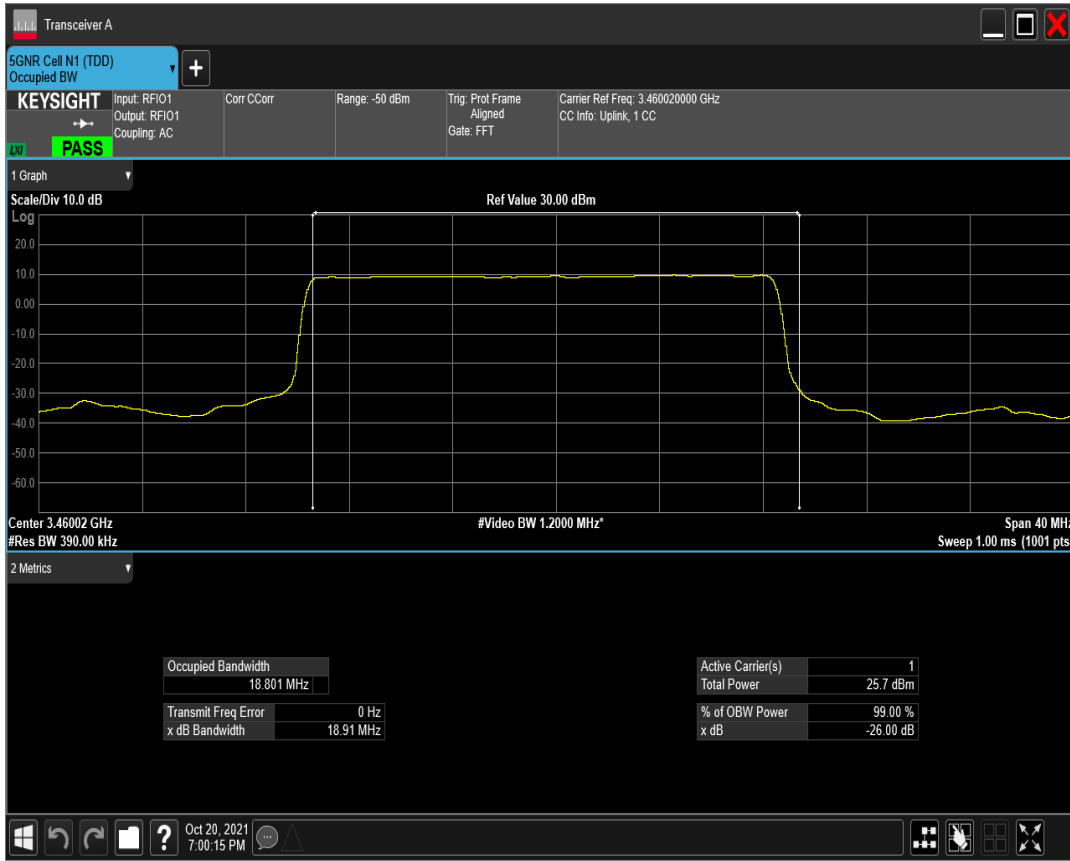
n78(3450-3550) SCS=15kHz CP_QAM64 BW=15MHz Channel=636166 RB=79@0



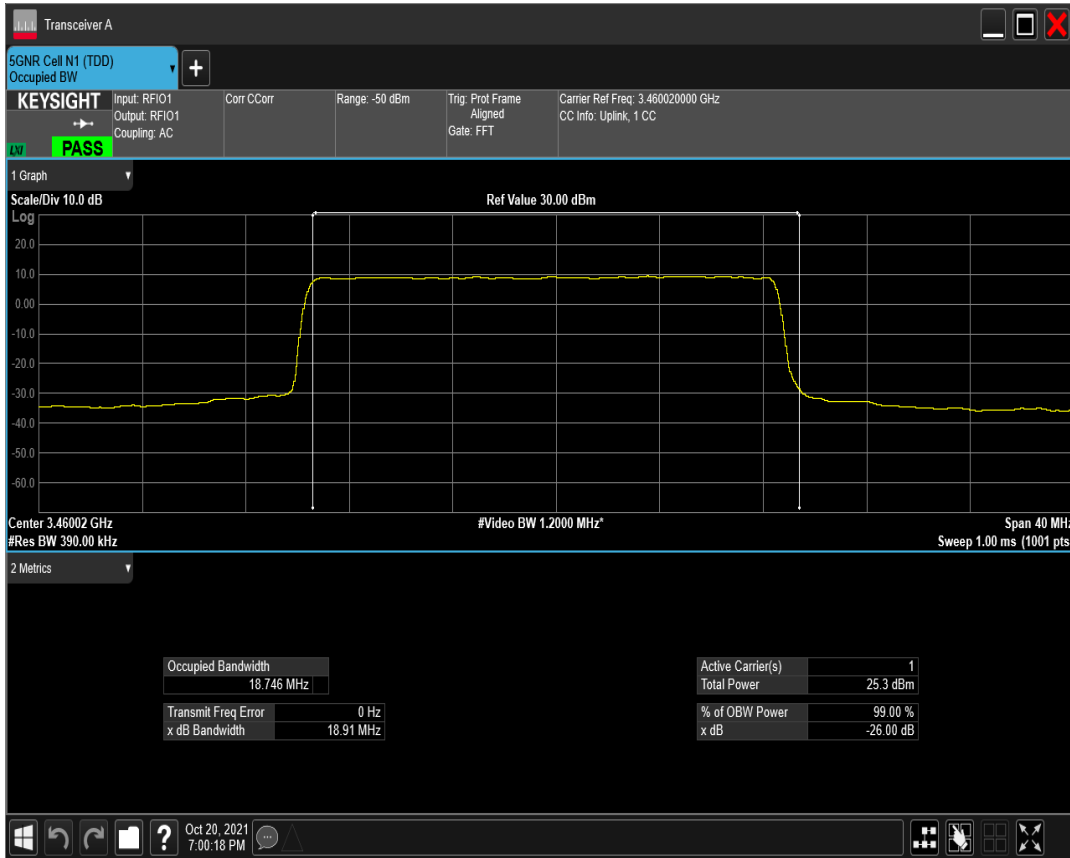
n78(3450-3550) SCS=15kHz CP_QAM256 BW=15MHz Channel=636166 RB=79@0



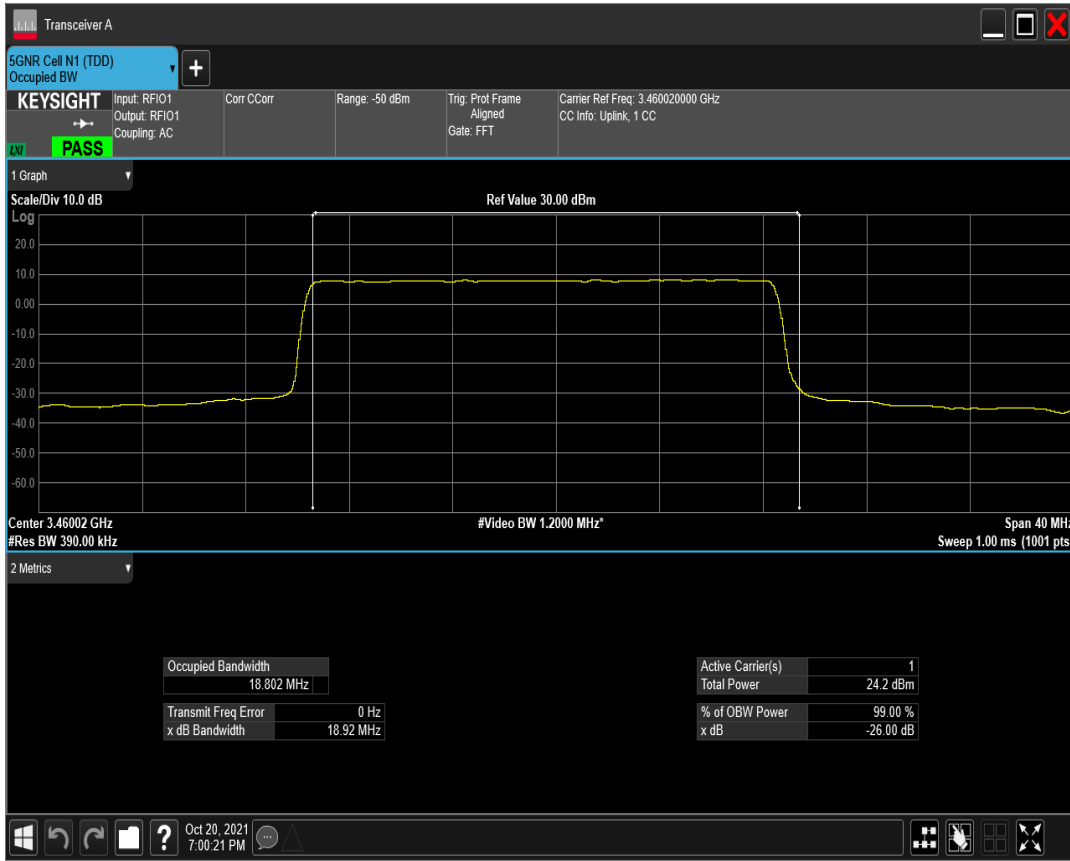
n78(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=630668 RB=100@0



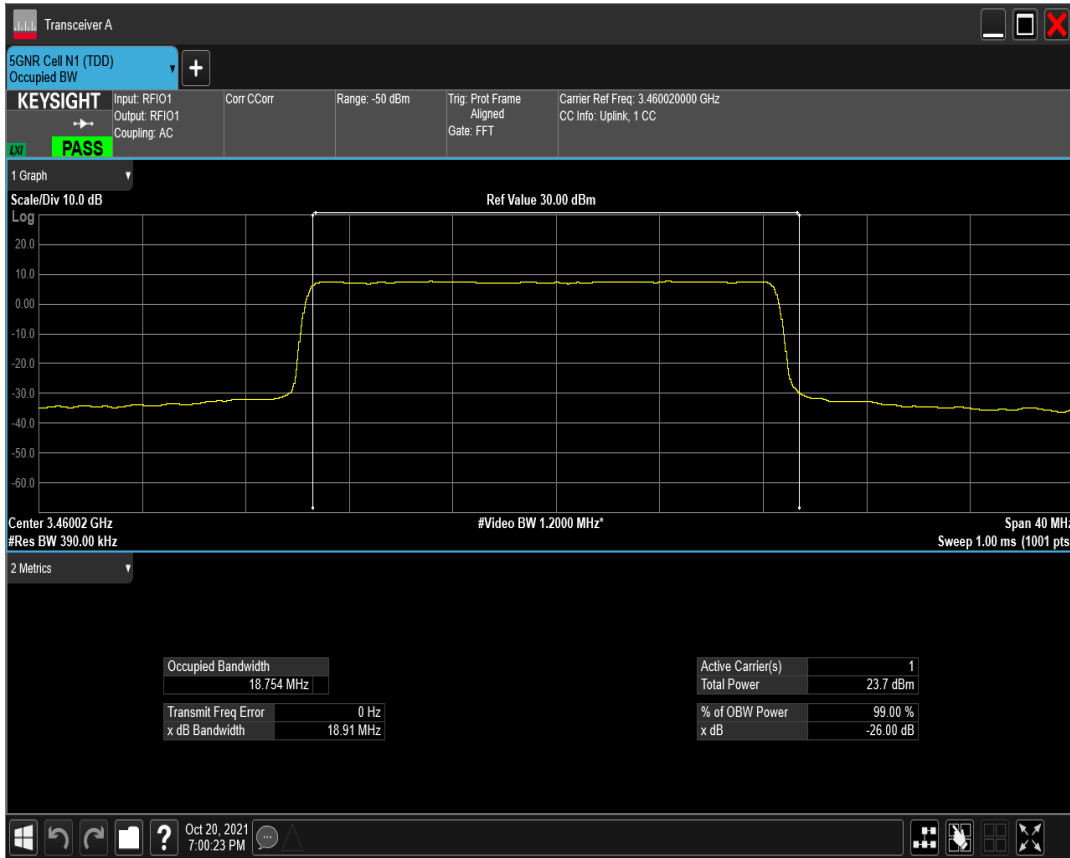
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=100@0



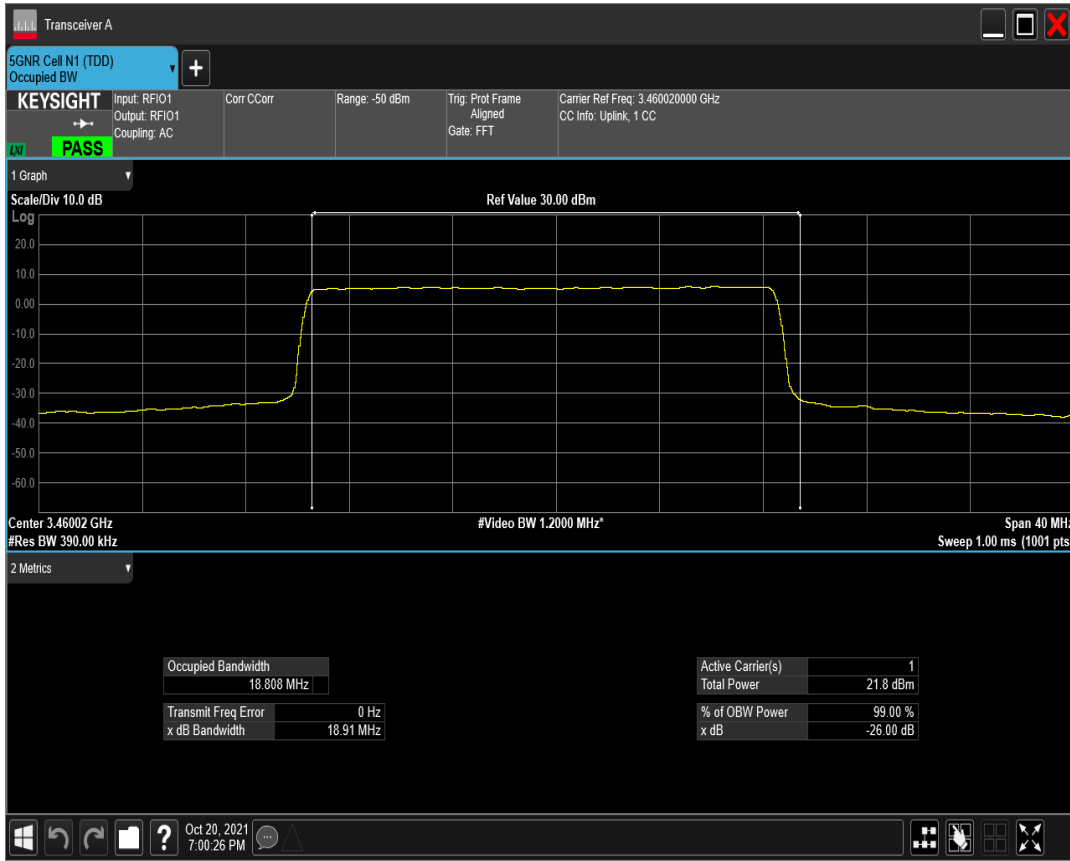
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=630668 RB=100@0



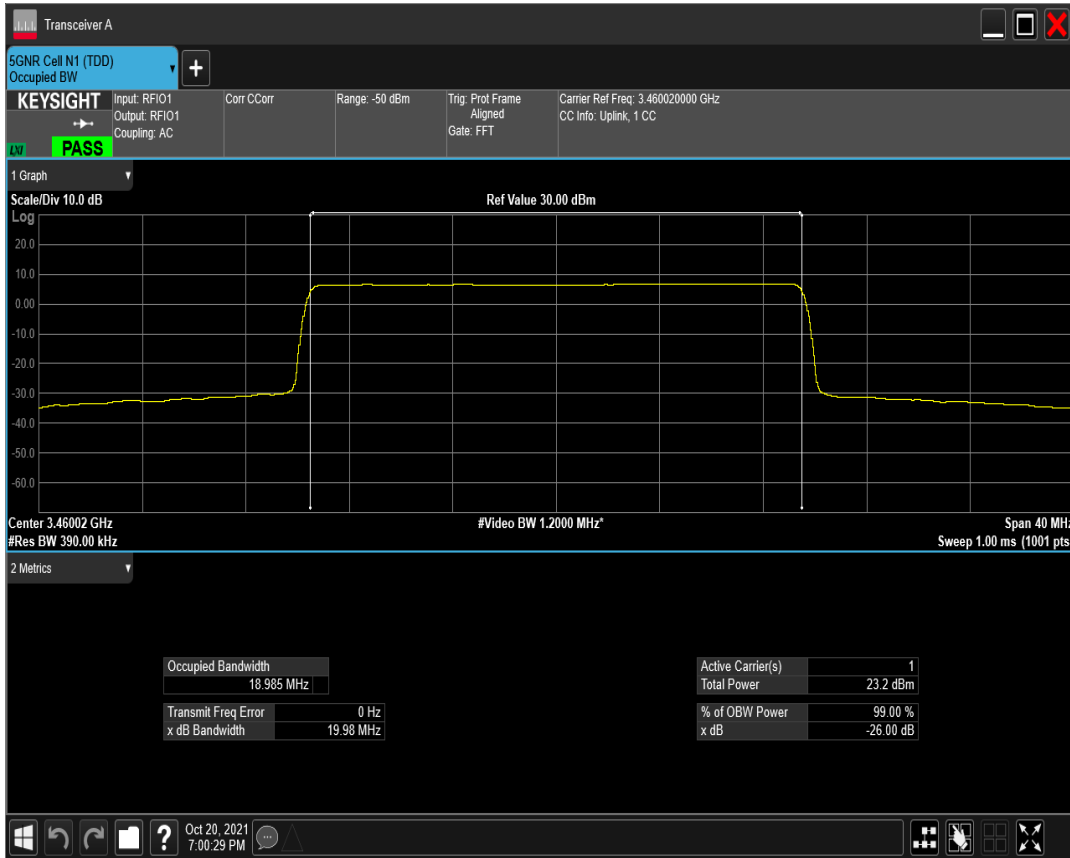
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=630668 RB=100@0



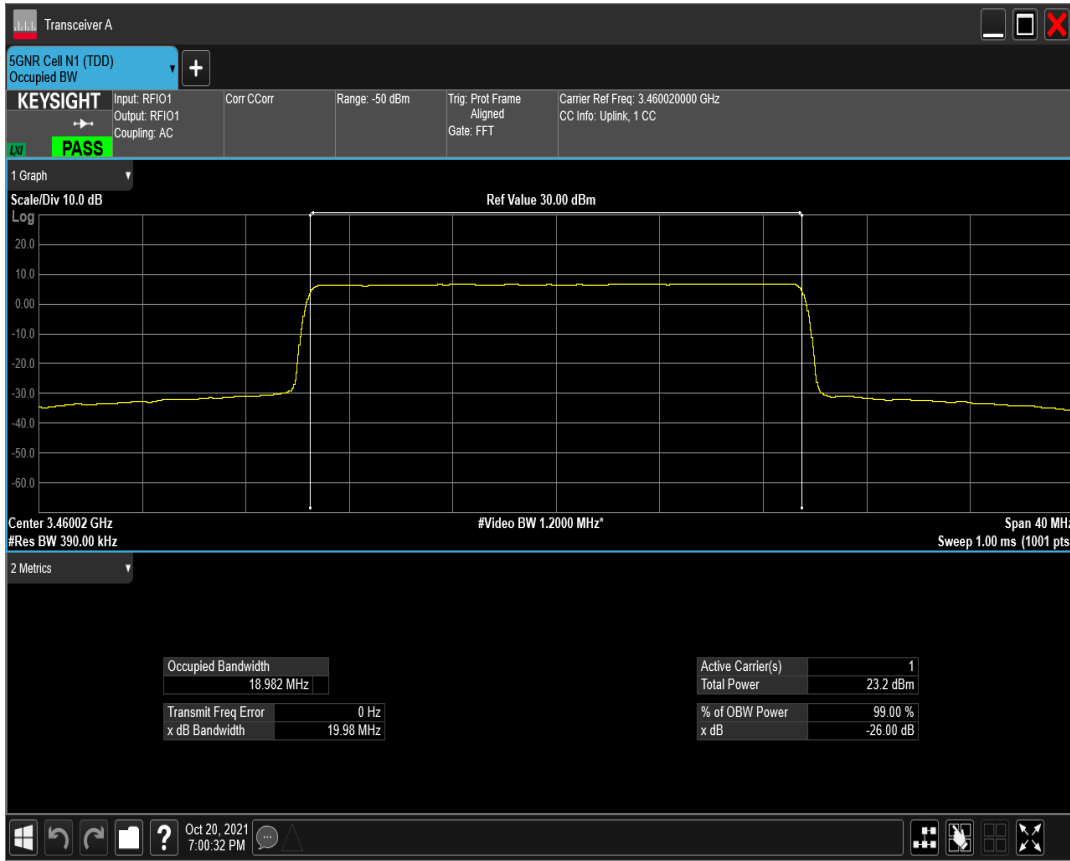
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=630668 RB=100@0



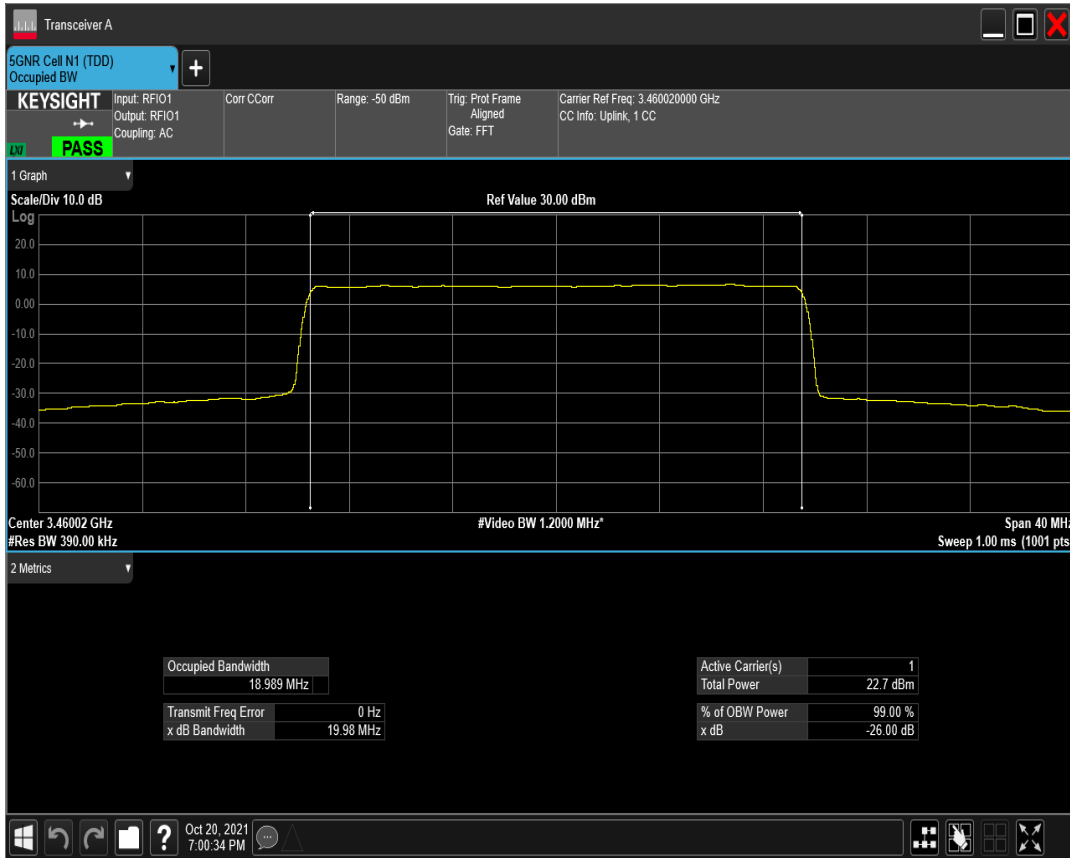
n78(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=630668 RB=106@0



n78(3450-3550) SCS=15kHz CP_QAM16 BW=20MHz Channel=630668 RB=106@0



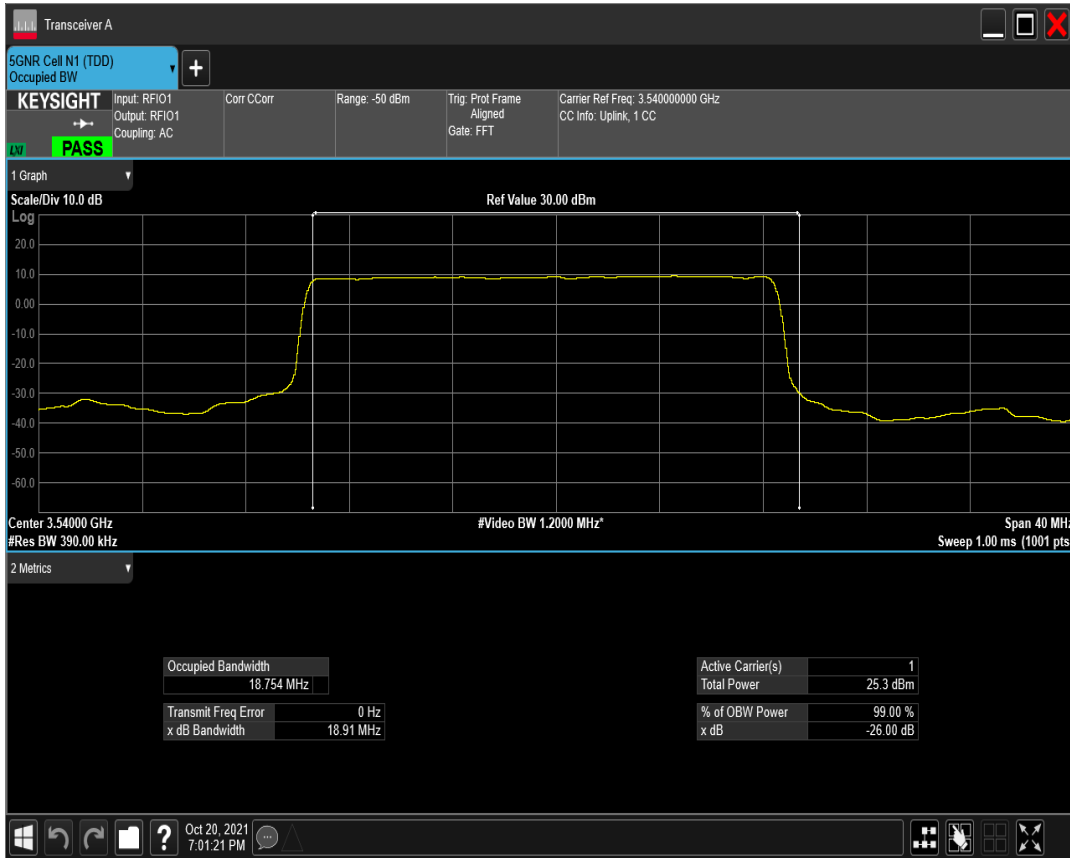
n78(3450-3550) SCS=15kHz CP_QAM64 BW=20MHz Channel=630668 RB=106@0



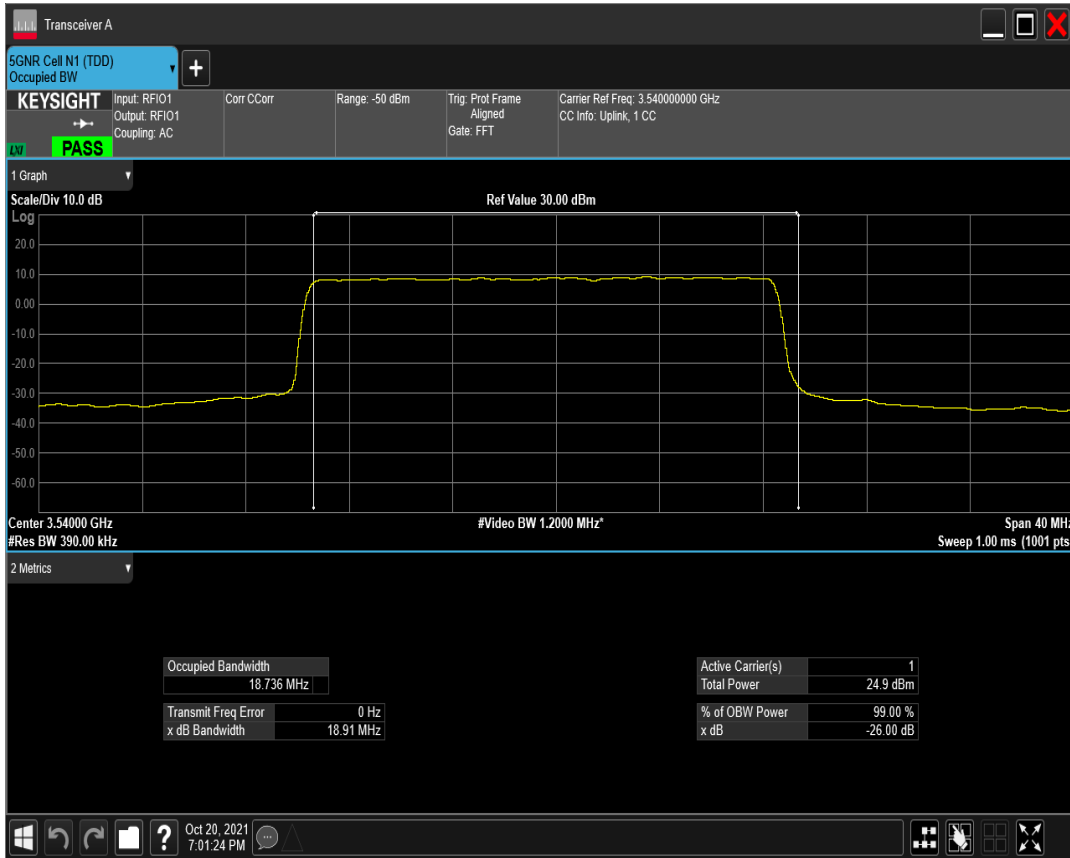
n78(3450-3550) SCS=15kHz CP_QAM256 BW=20MHz Channel=630668 RB=106@0



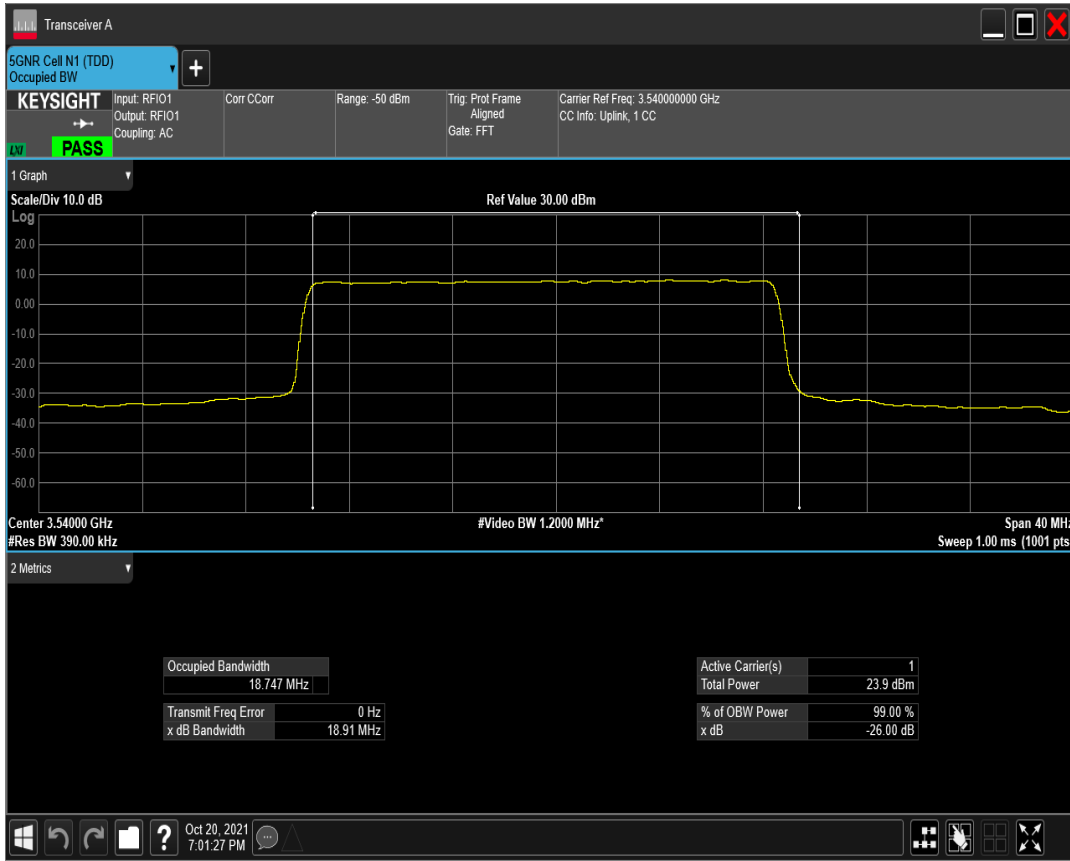
n78(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=636000 RB=100@0



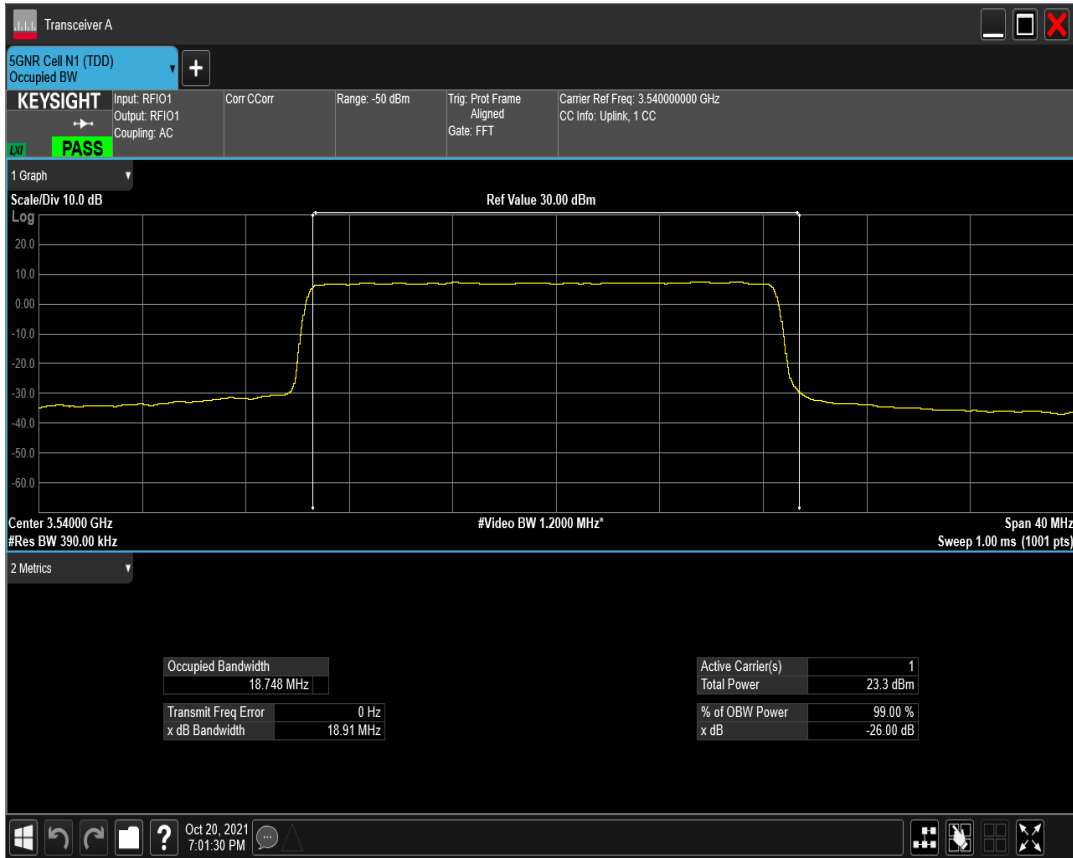
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=100@0



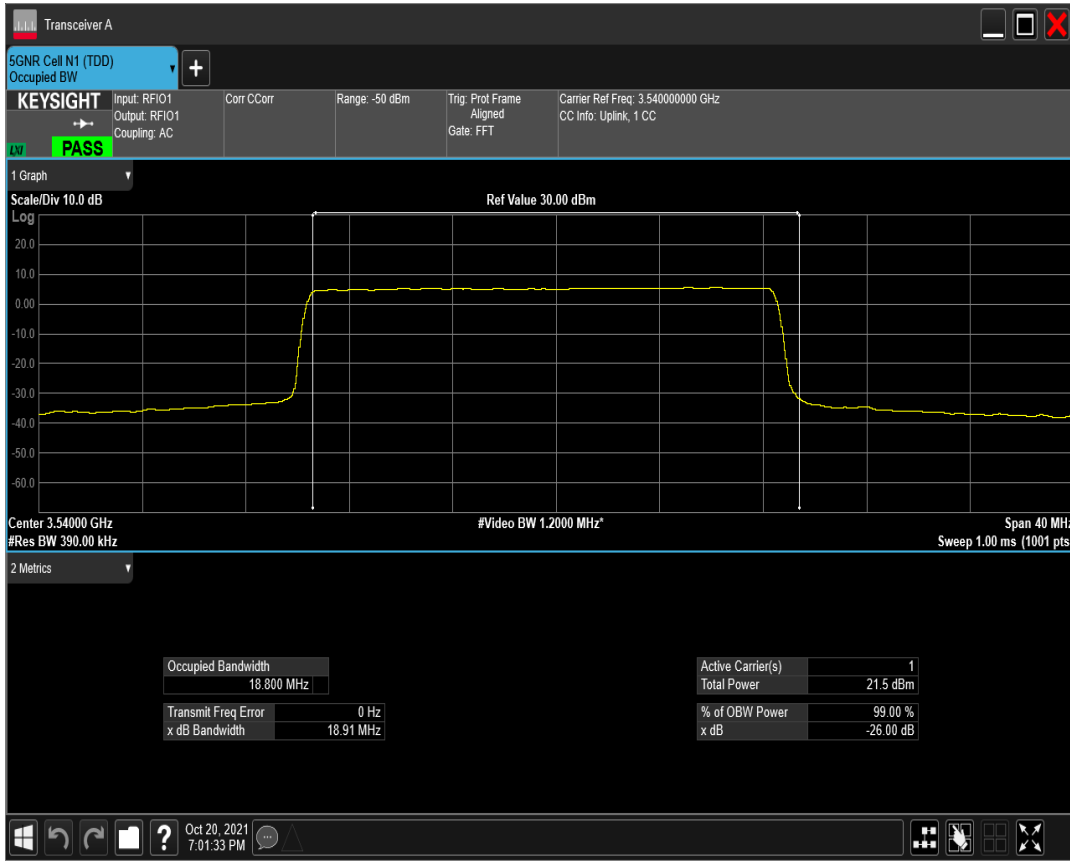
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=636000 RB=100@0



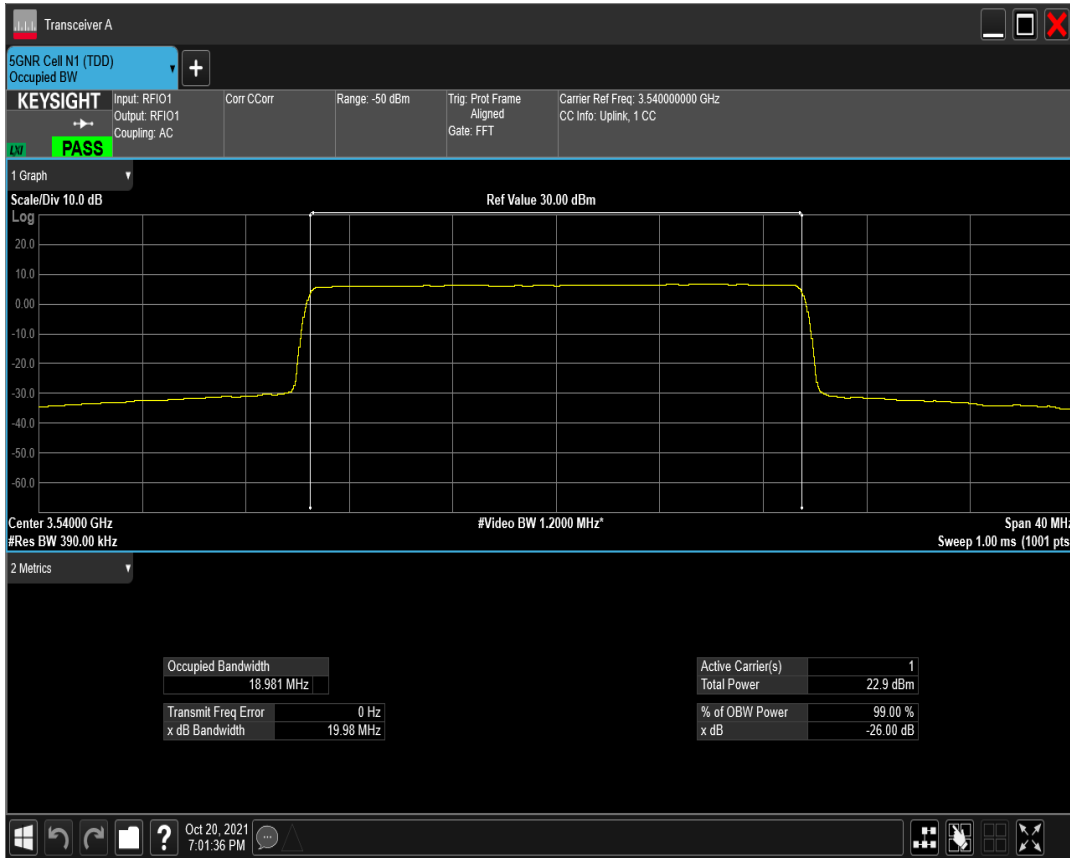
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=636000 RB=100@0



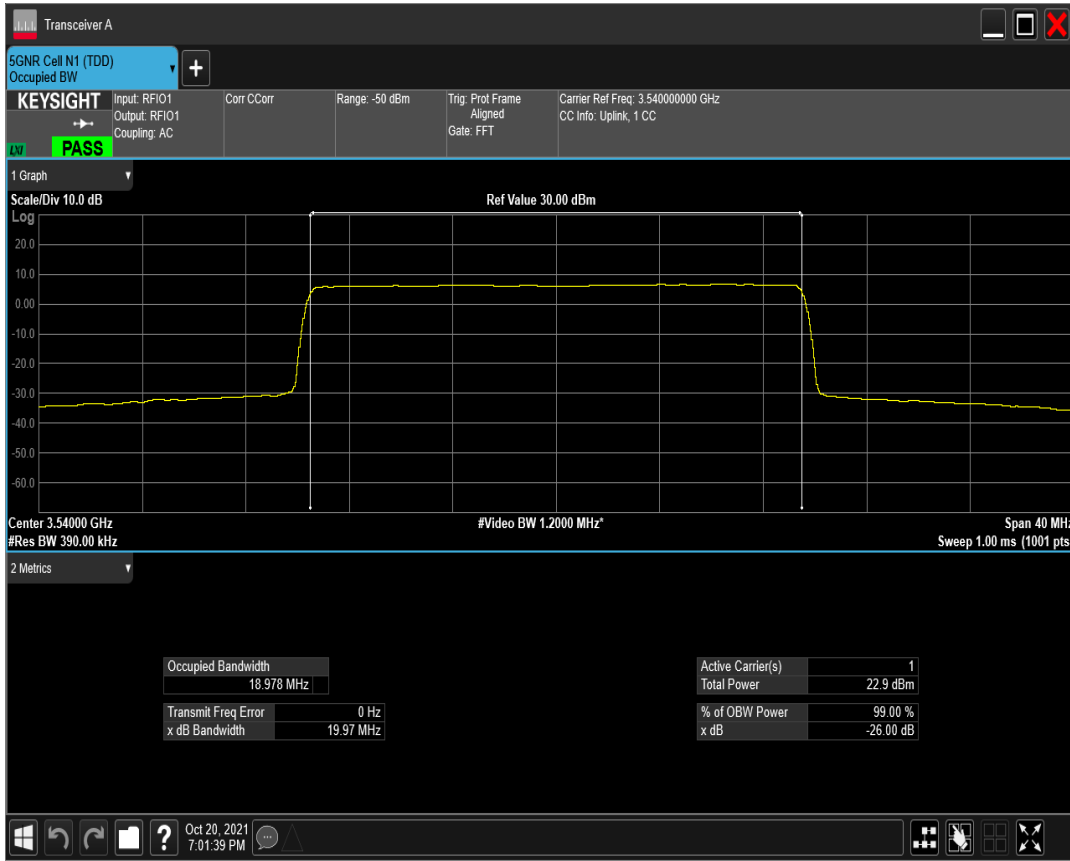
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=636000 RB=100@0



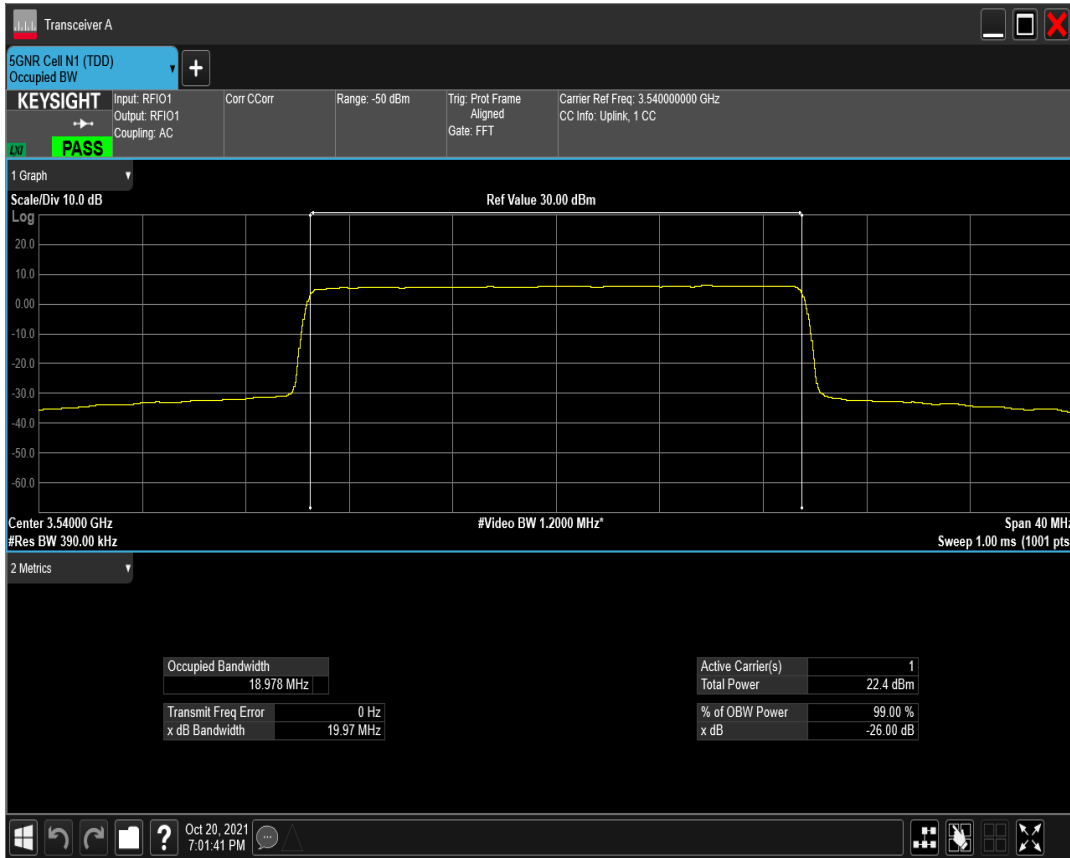
n78(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=636000 RB=106@0



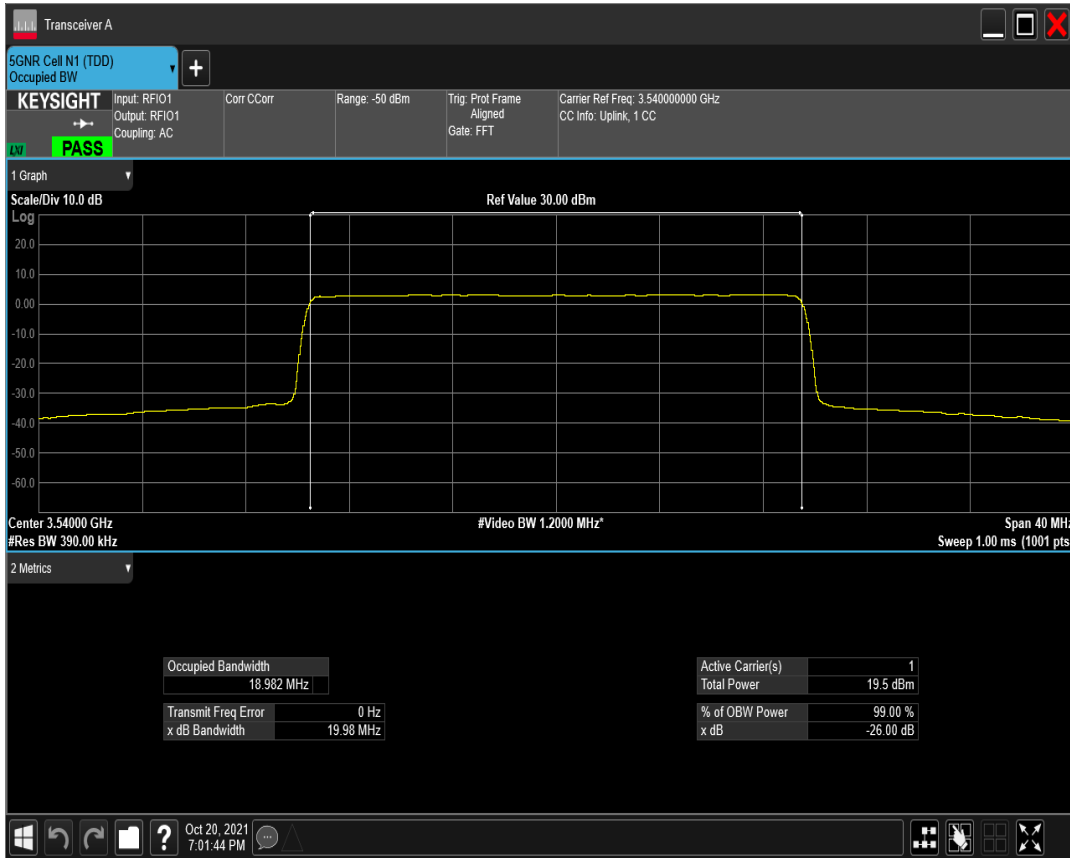
n78(3450-3550) SCS=15kHz CP_QAM16 BW=20MHz Channel=636000 RB=106@0



n78(3450-3550) SCS=15kHz CP_QAM64 BW=20MHz Channel=636000 RB=106@0



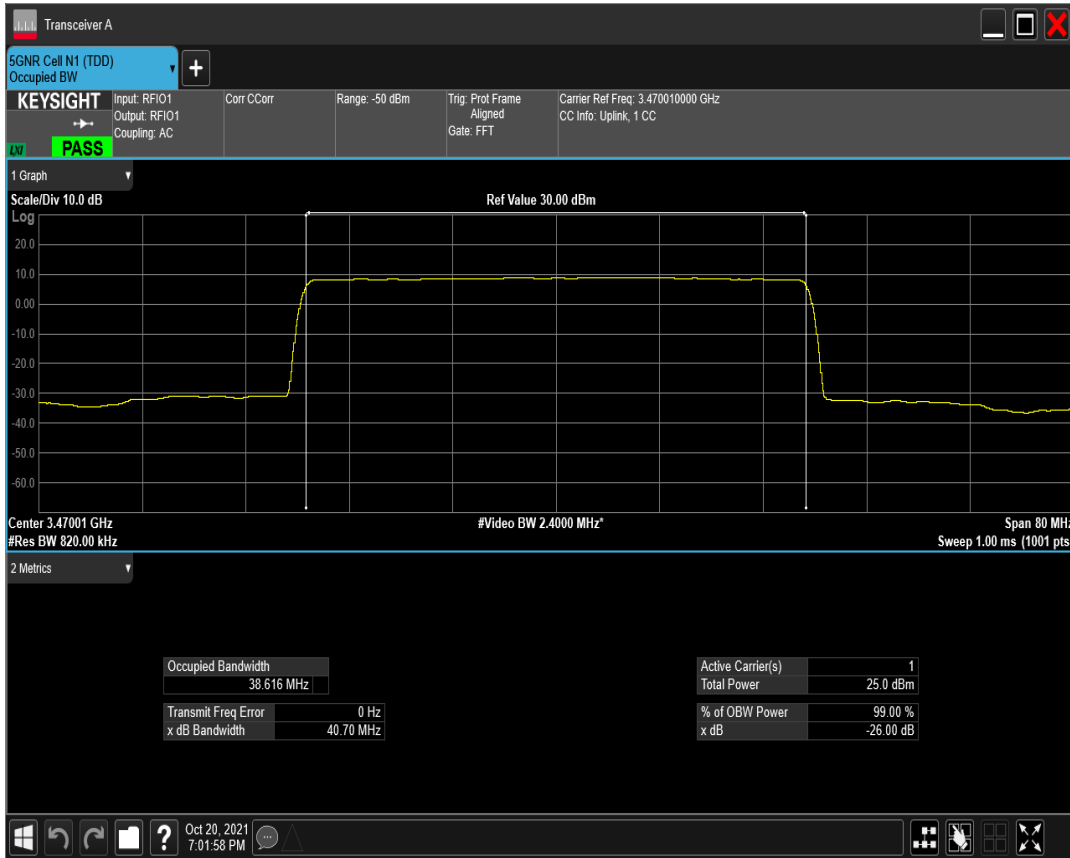
n78(3450-3550) SCS=15kHz CP_QAM256 BW=20MHz Channel=636000 RB=106@0



n78(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=631334 RB=216@0



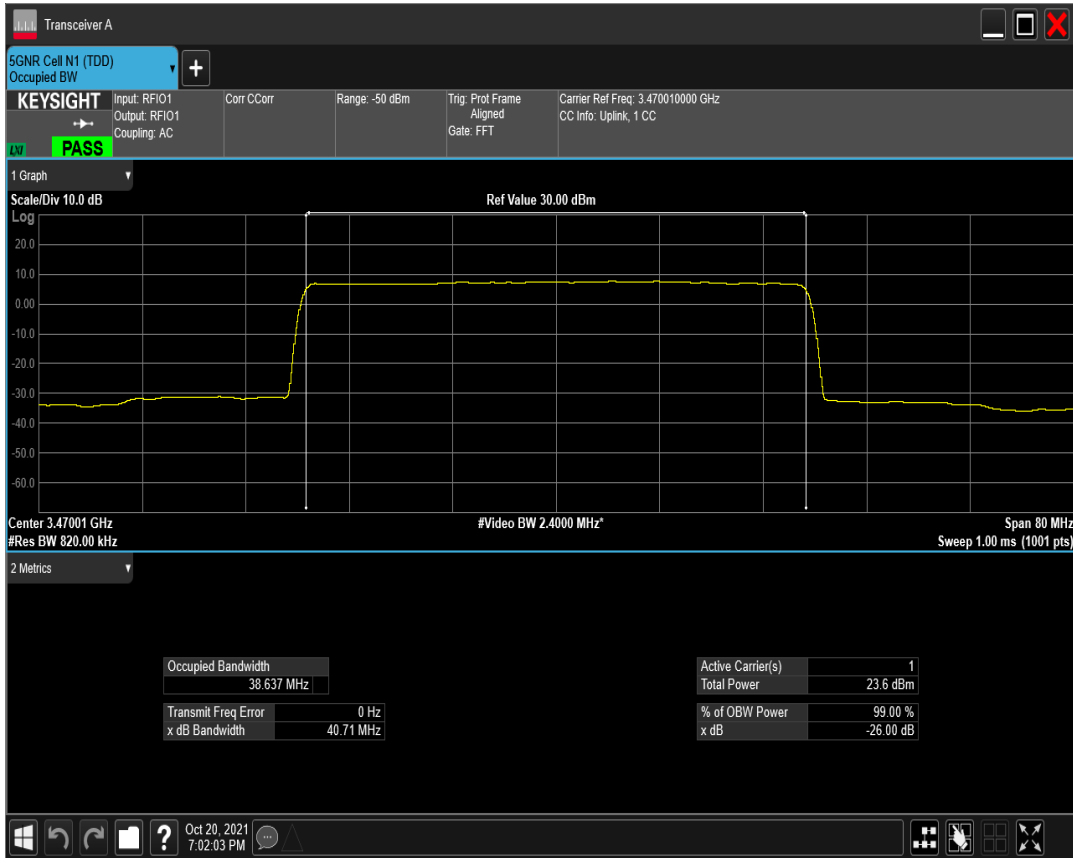
n78(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=631334 RB=216@0



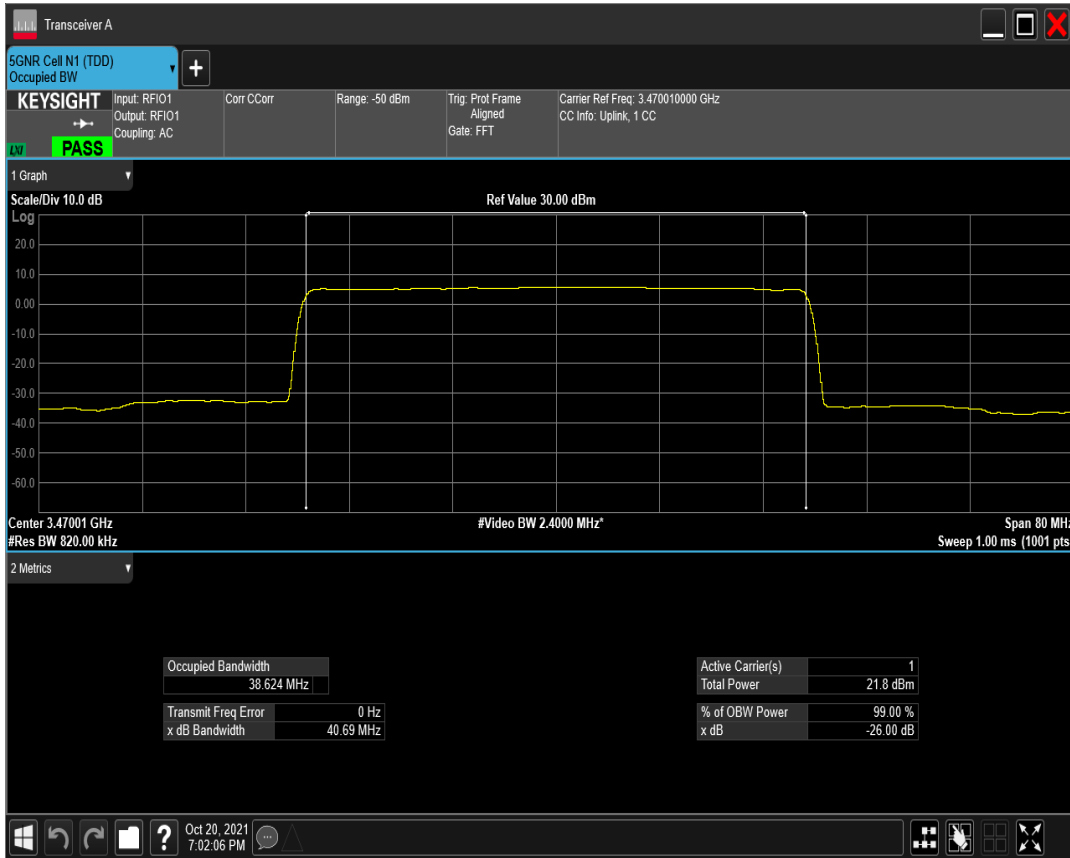
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=631334 RB=216@0



n78(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=631334 RB=216@0



n78(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=631334 RB=216@0



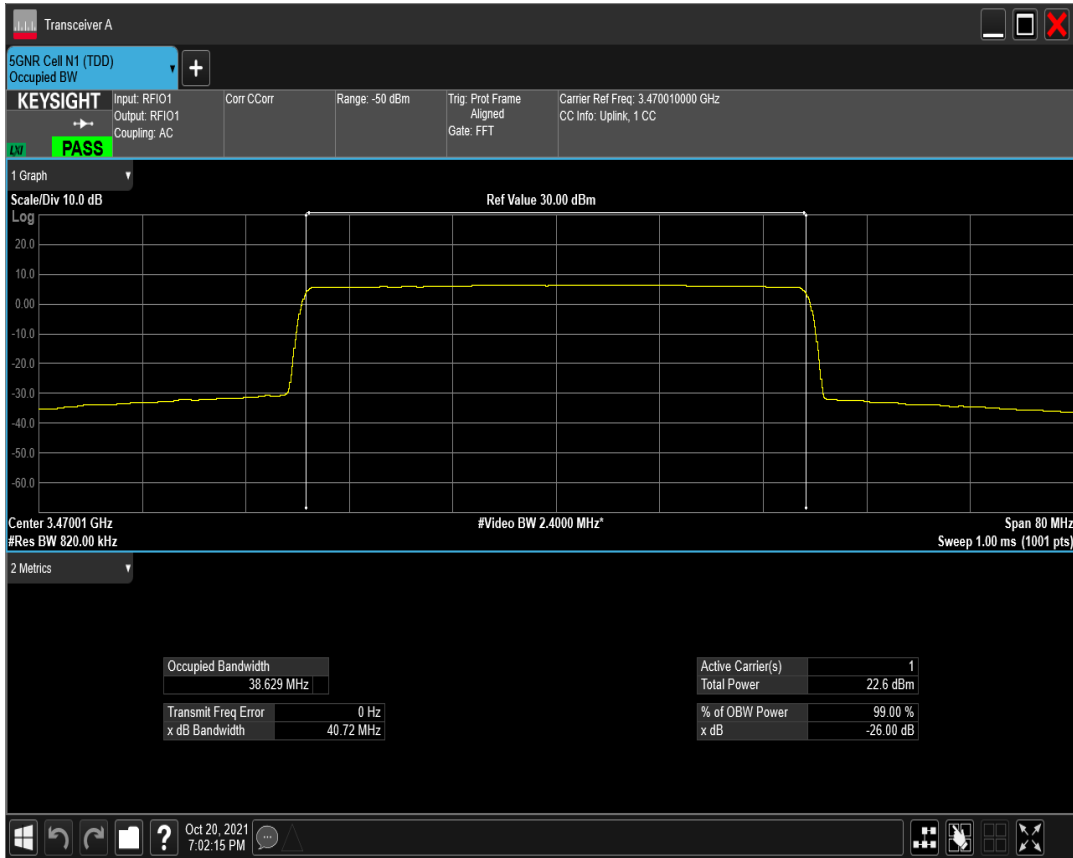
n78(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=631334 RB=216@0



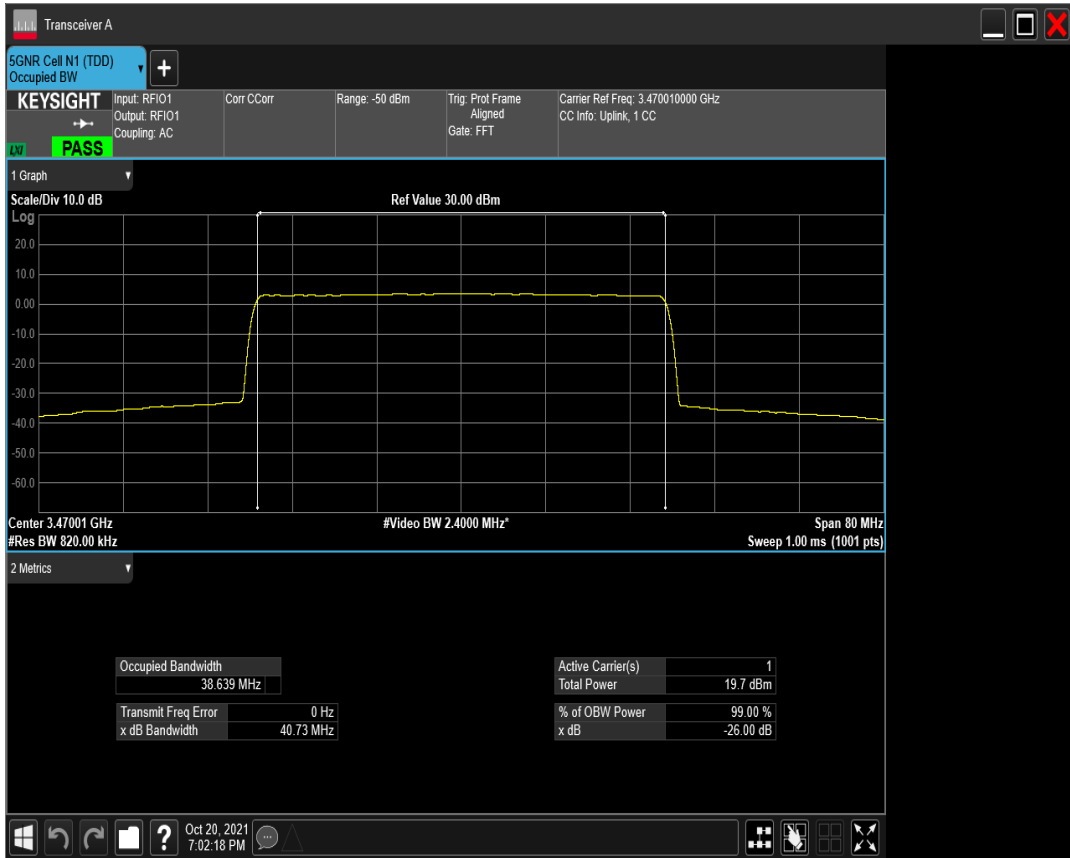
n78(3450-3550) SCS=15kHz CP_QAM16 BW=40MHz Channel=631334 RB=216@0



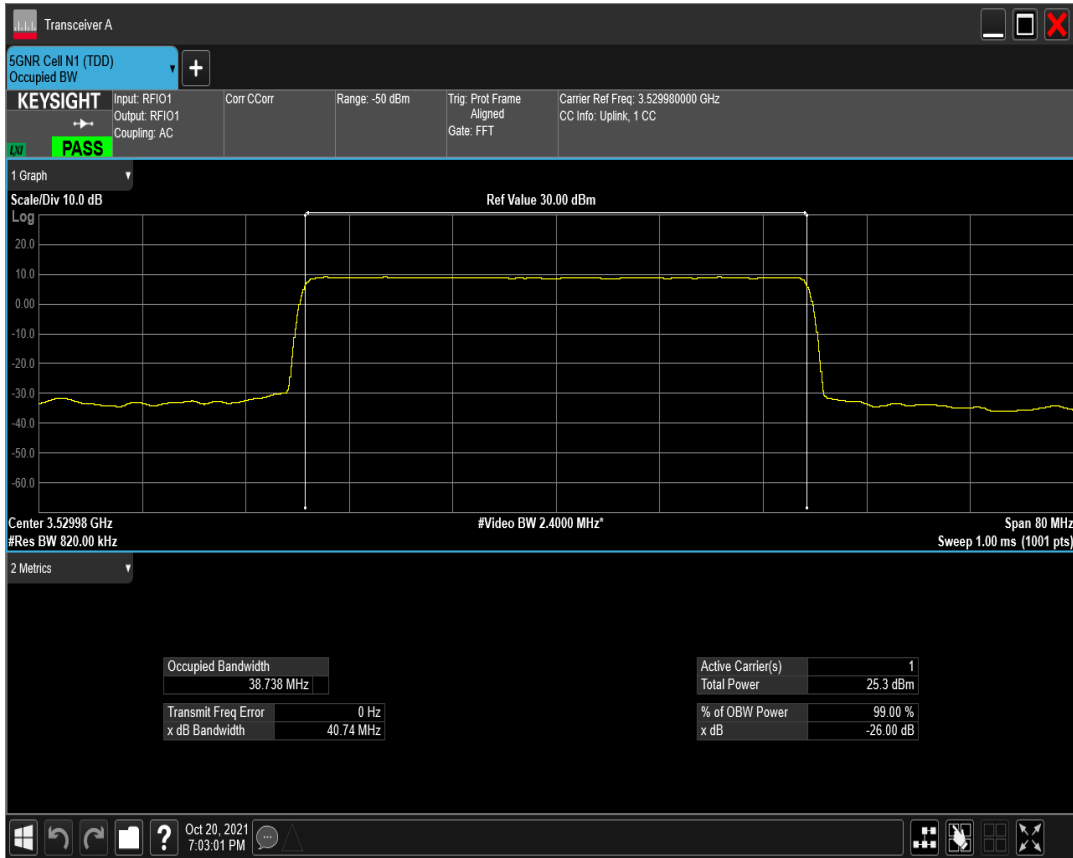
n78(3450-3550) SCS=15kHz CP_QAM64 BW=40MHz Channel=631334 RB=216@0



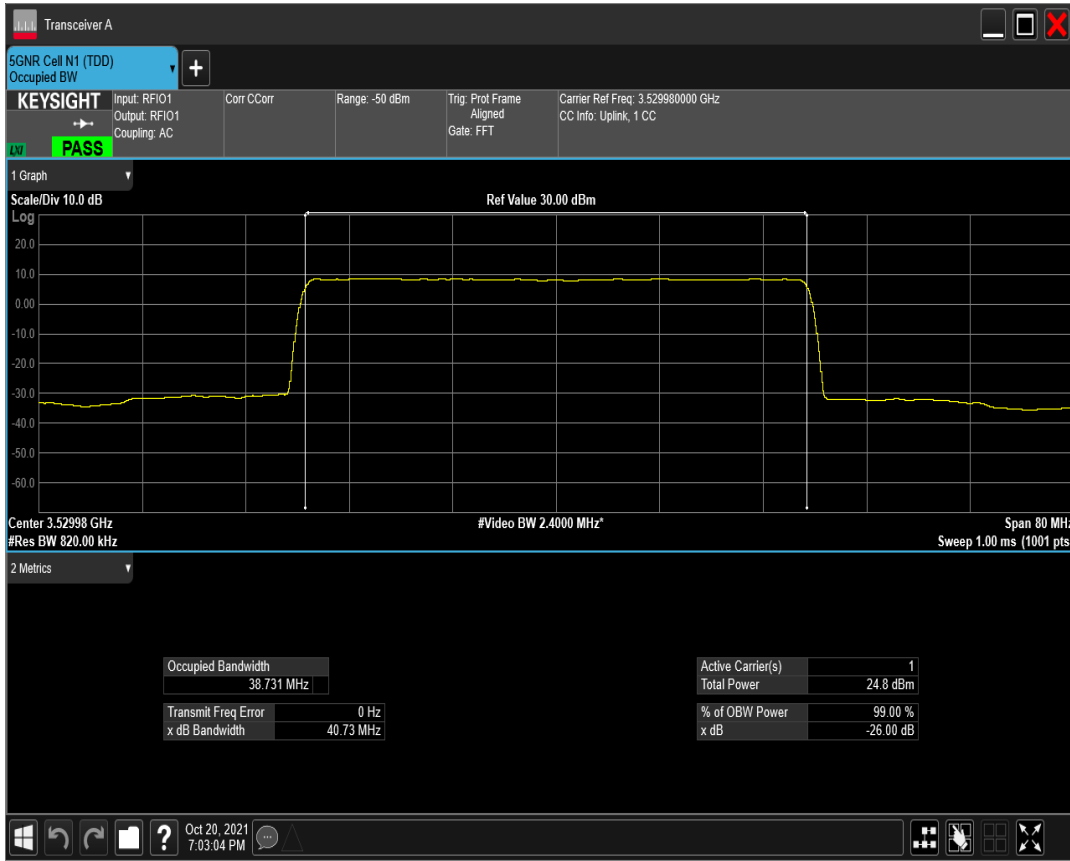
n78(3450-3550) SCS=15kHz CP_QAM256 BW=40MHz Channel=631334 RB=216@0



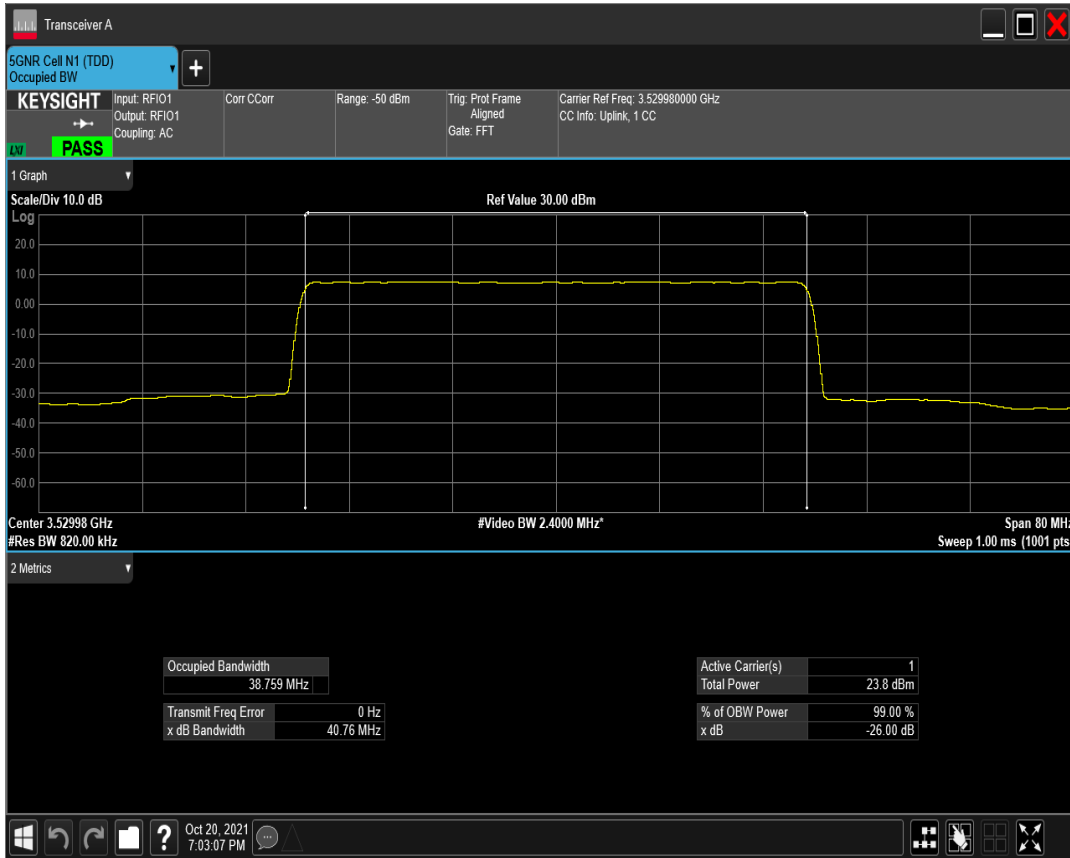
n78(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=635332 RB=216@0



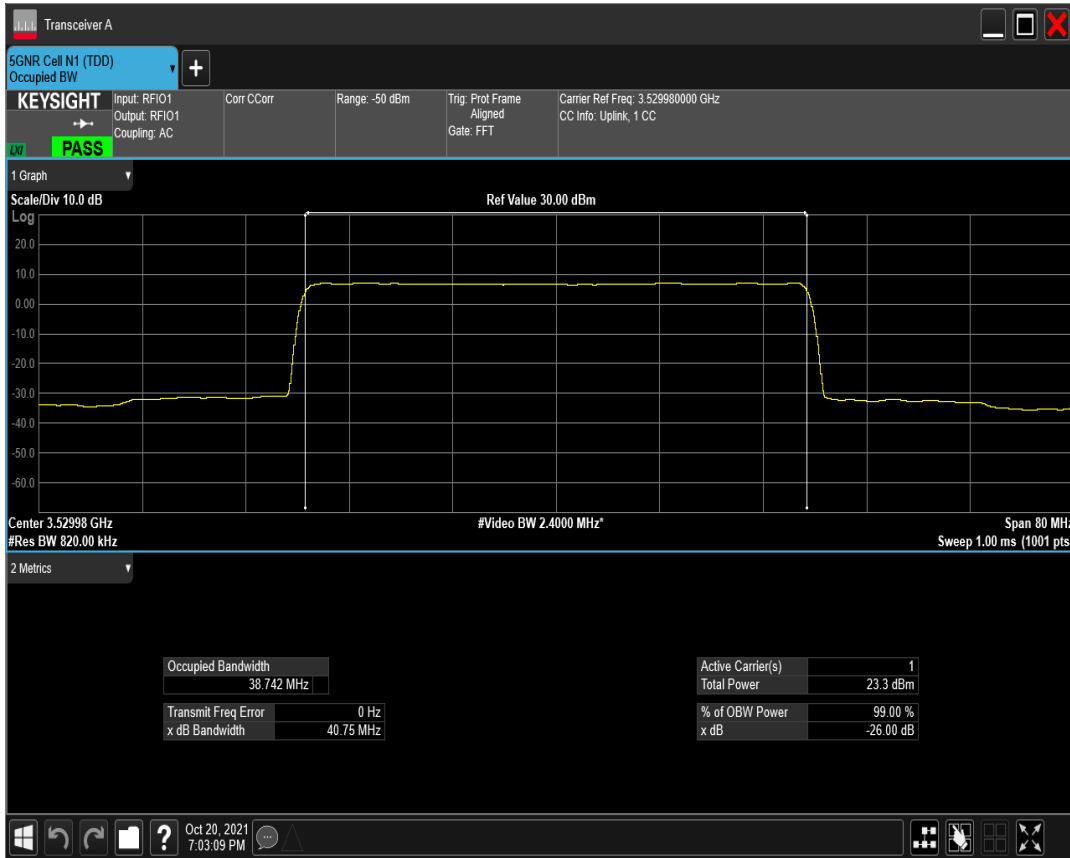
n78(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=635332 RB=216@0



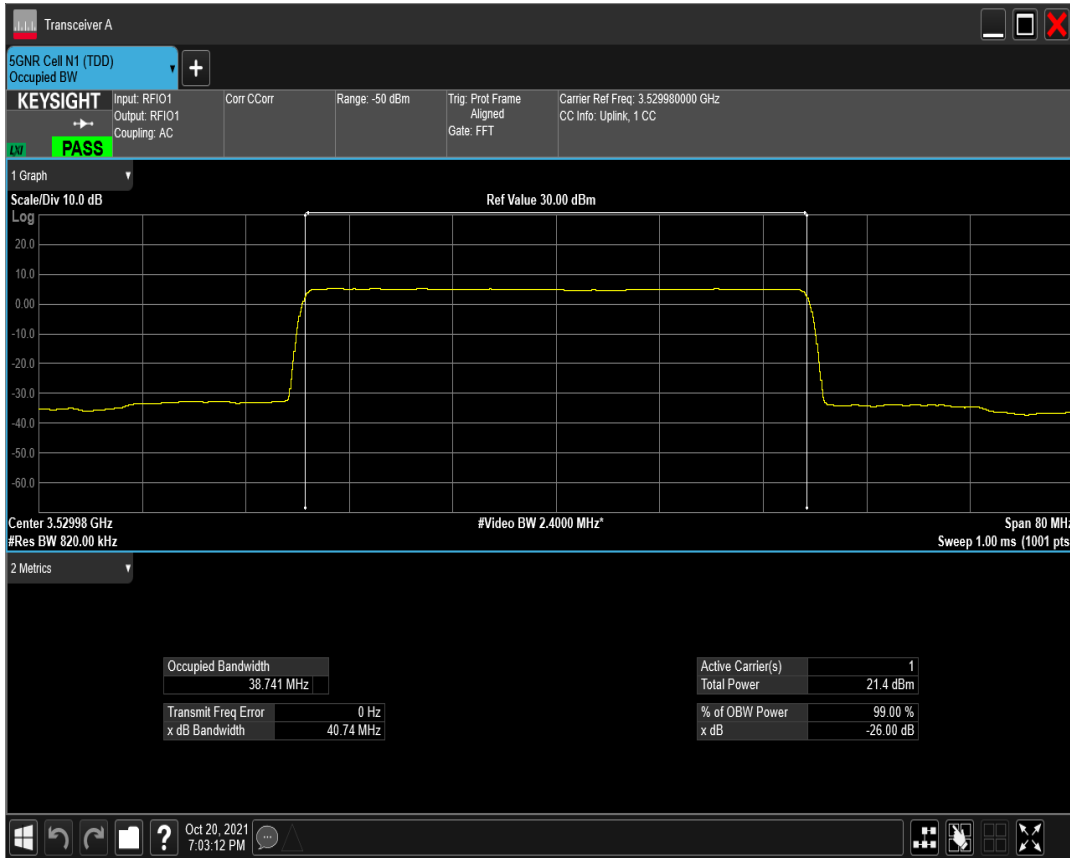
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=635332 RB=216@0



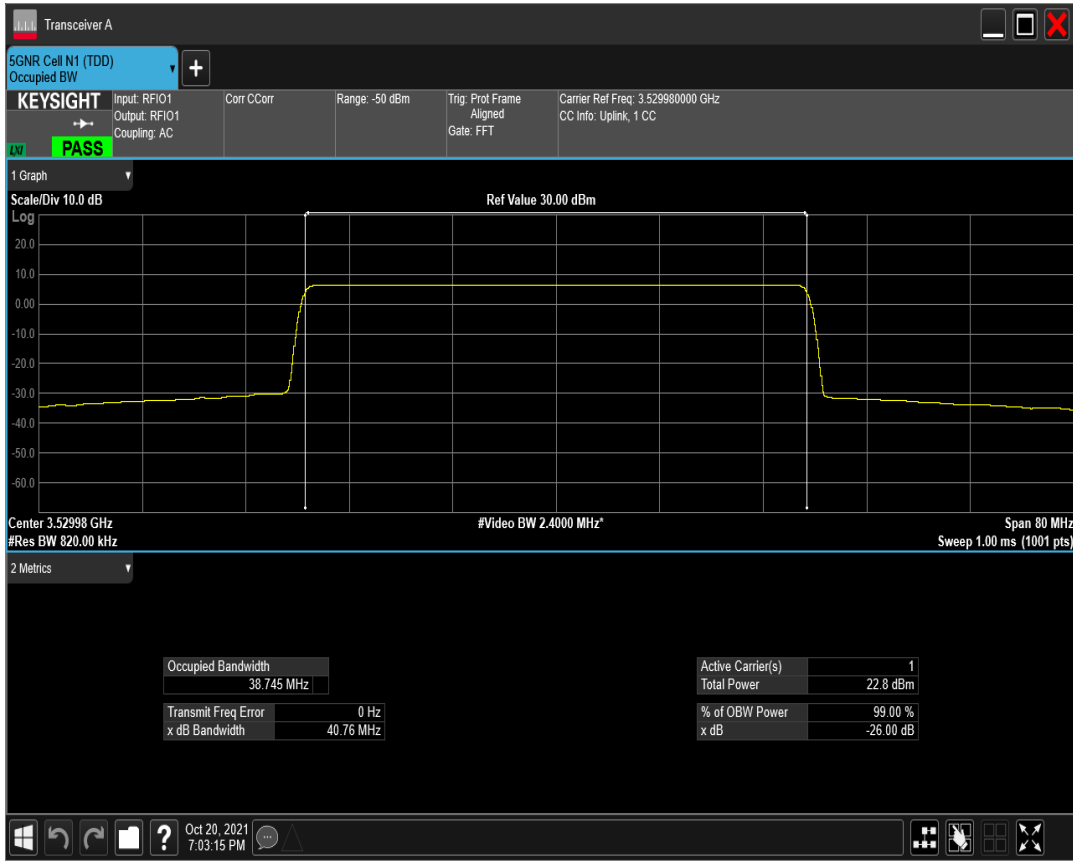
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=635332 RB=216@0



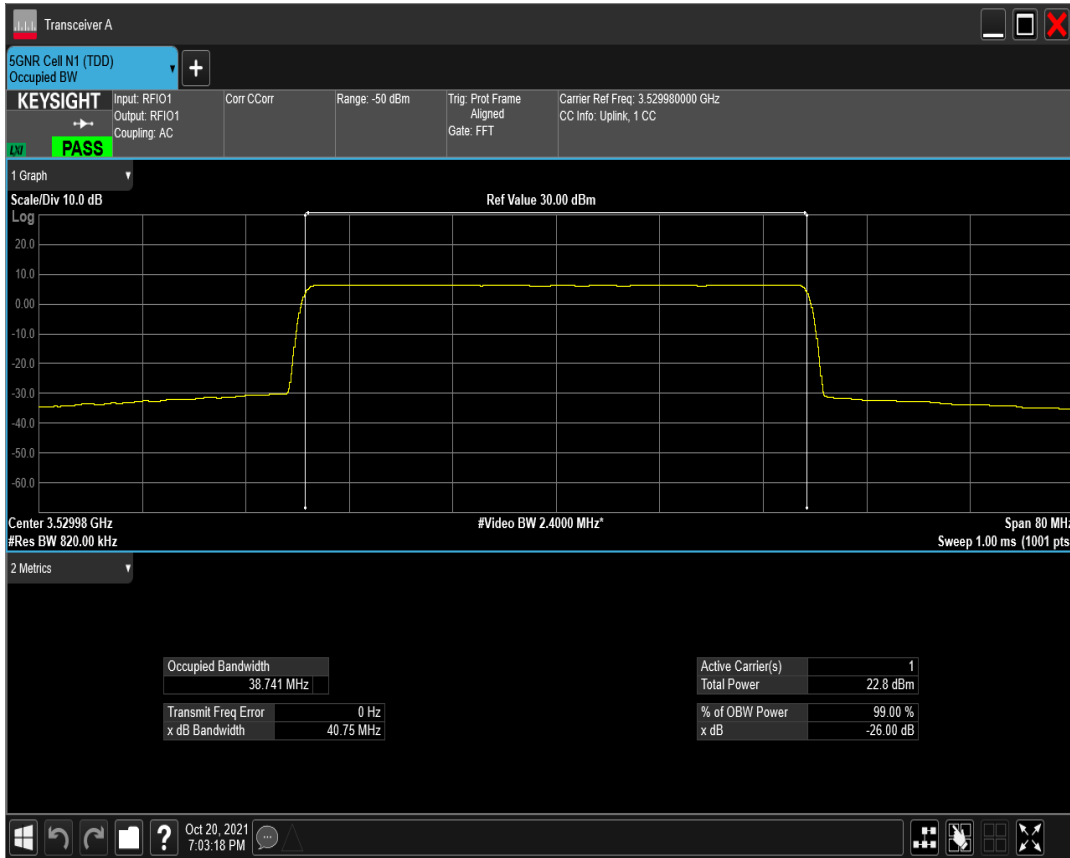
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=635332 RB=216@0



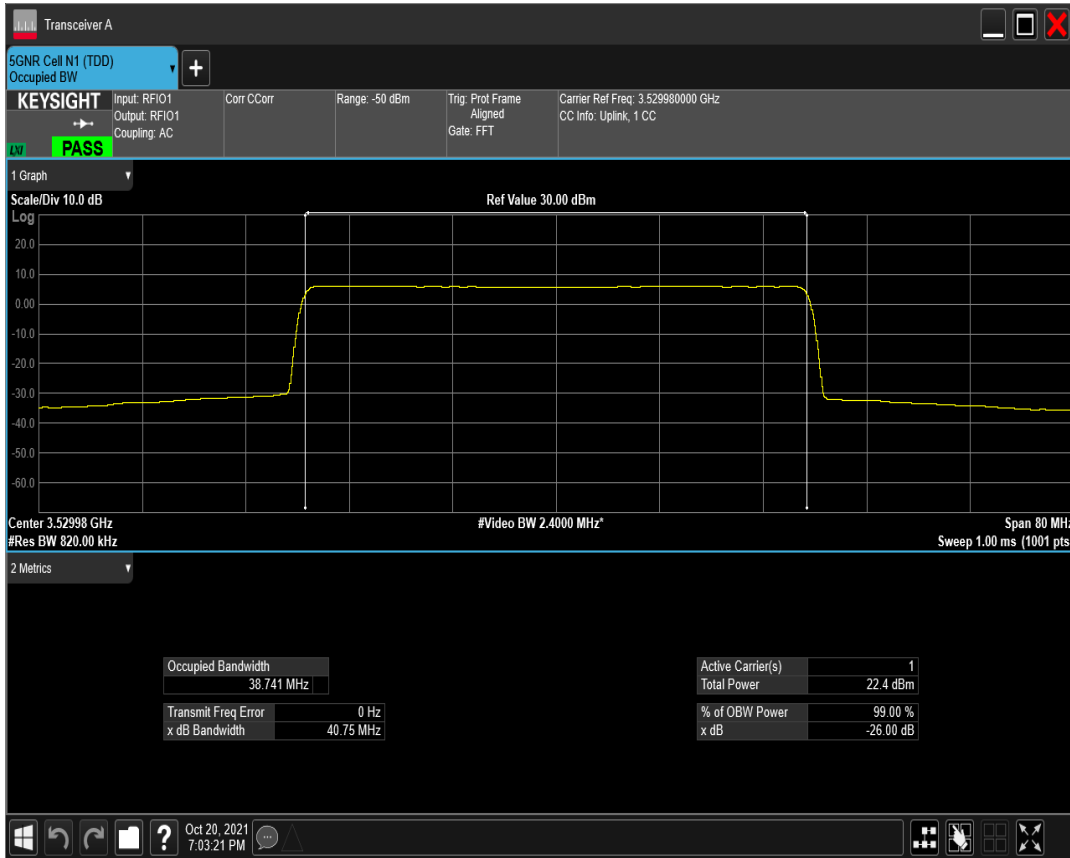
n78(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=635332 RB=216@0



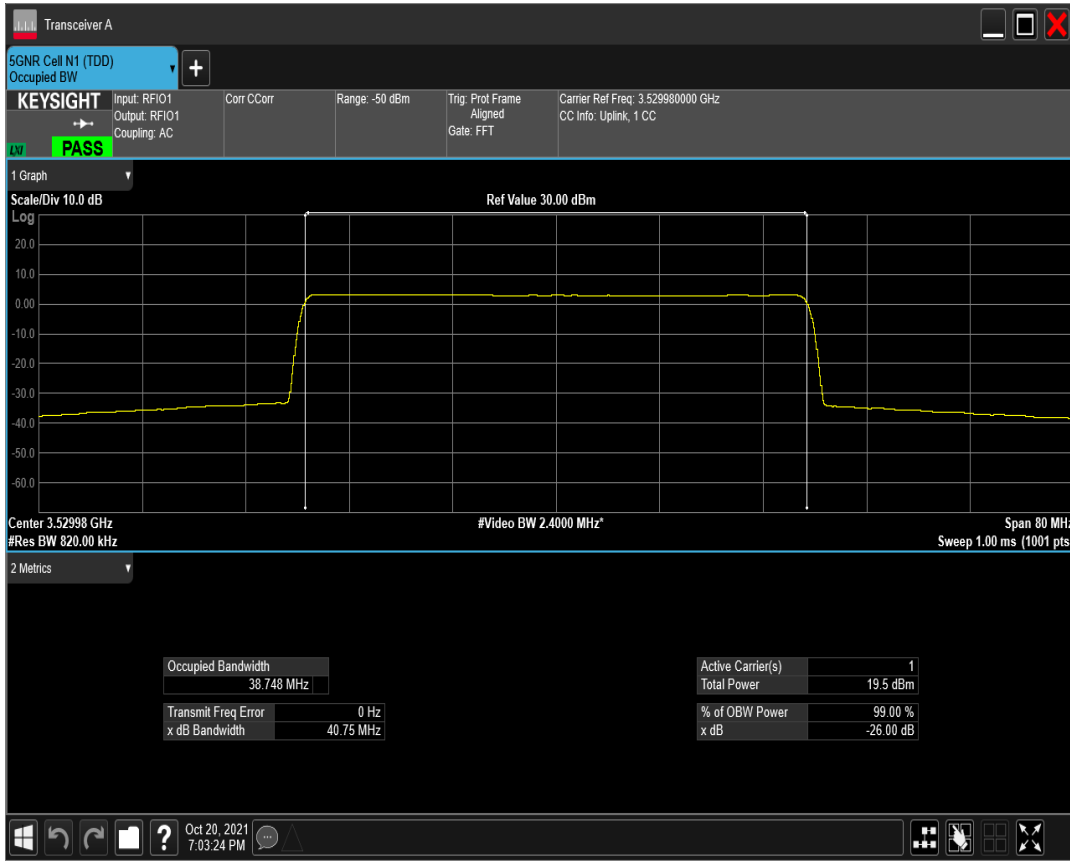
n78(3450-3550) SCS=15kHz CP_QAM16 BW=40MHz Channel=635332 RB=216@0



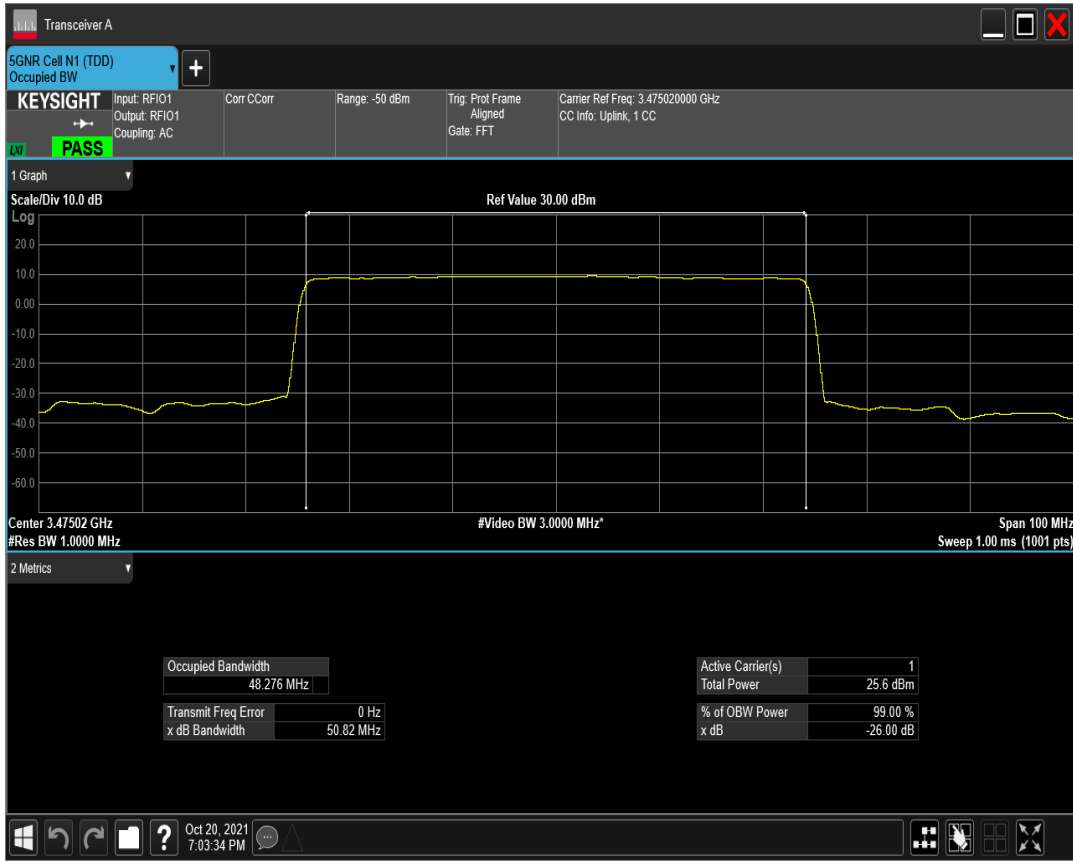
n78(3450-3550) SCS=15kHz CP_QAM64 BW=40MHz Channel=635332 RB=216@0



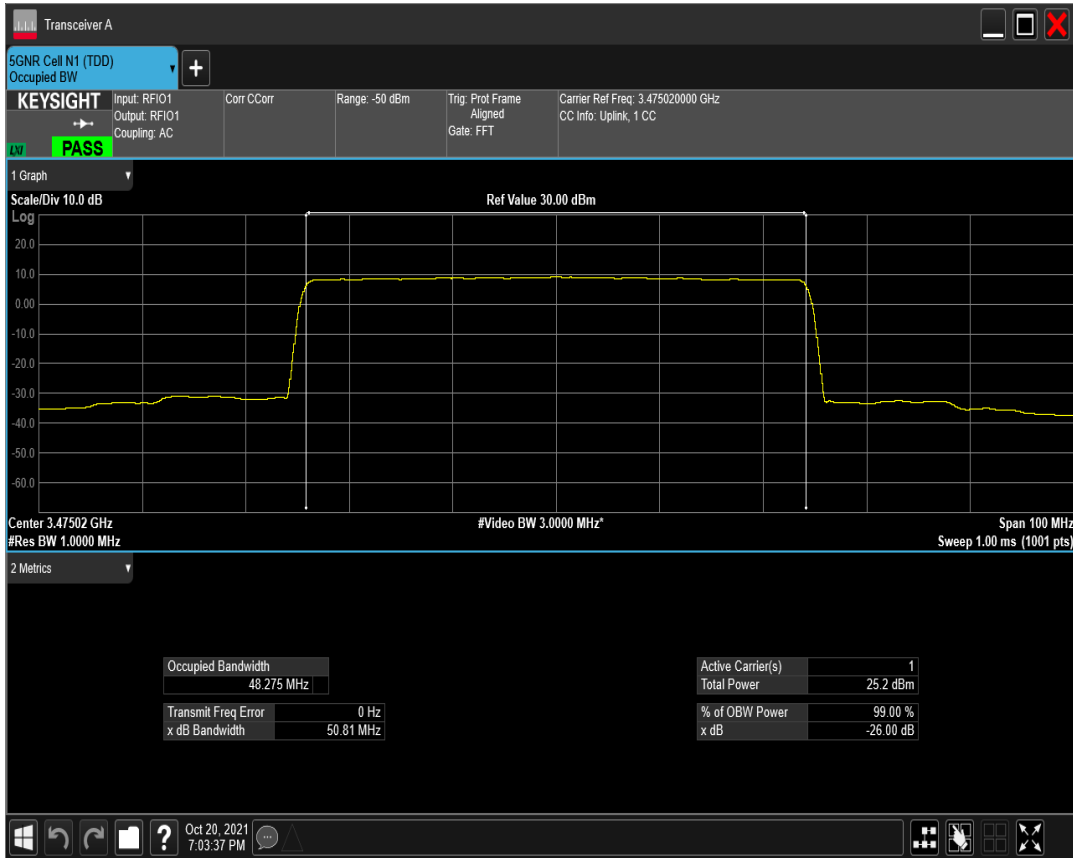
n78(3450-3550) SCS=15kHz CP_QAM256 BW=40MHz Channel=635332 RB=216@0



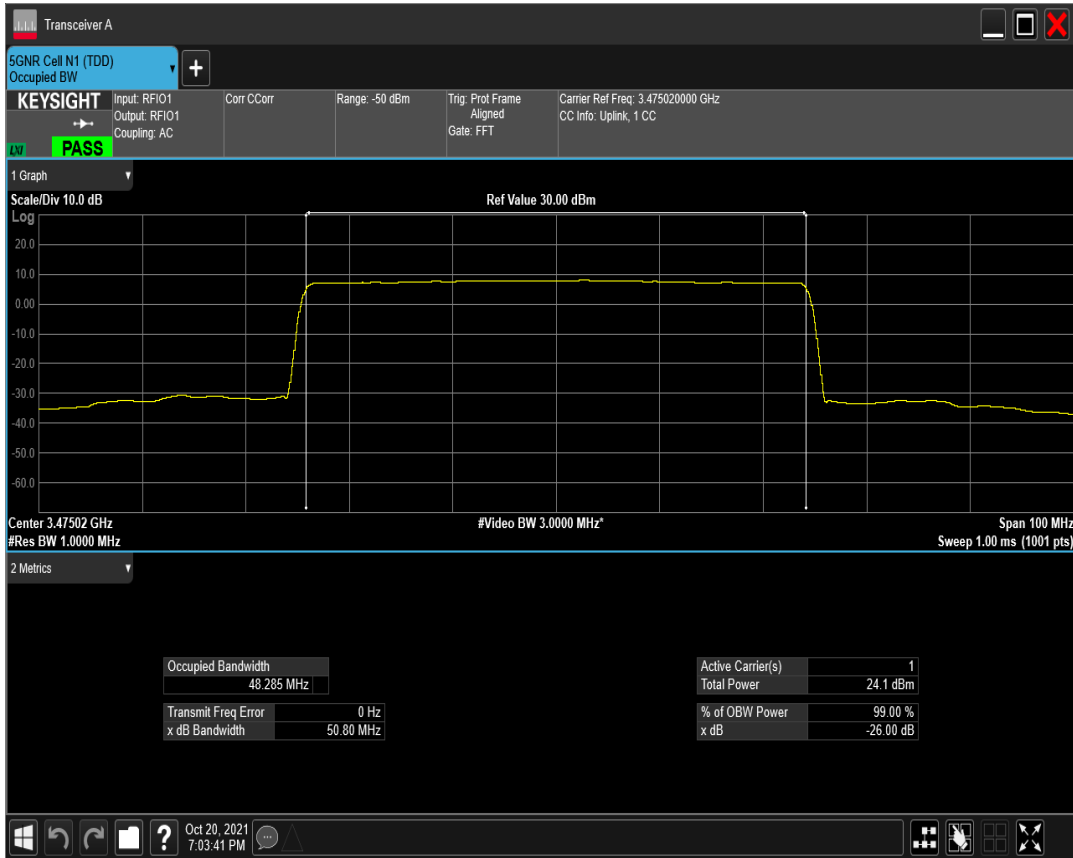
n78(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=631668 RB=270@0



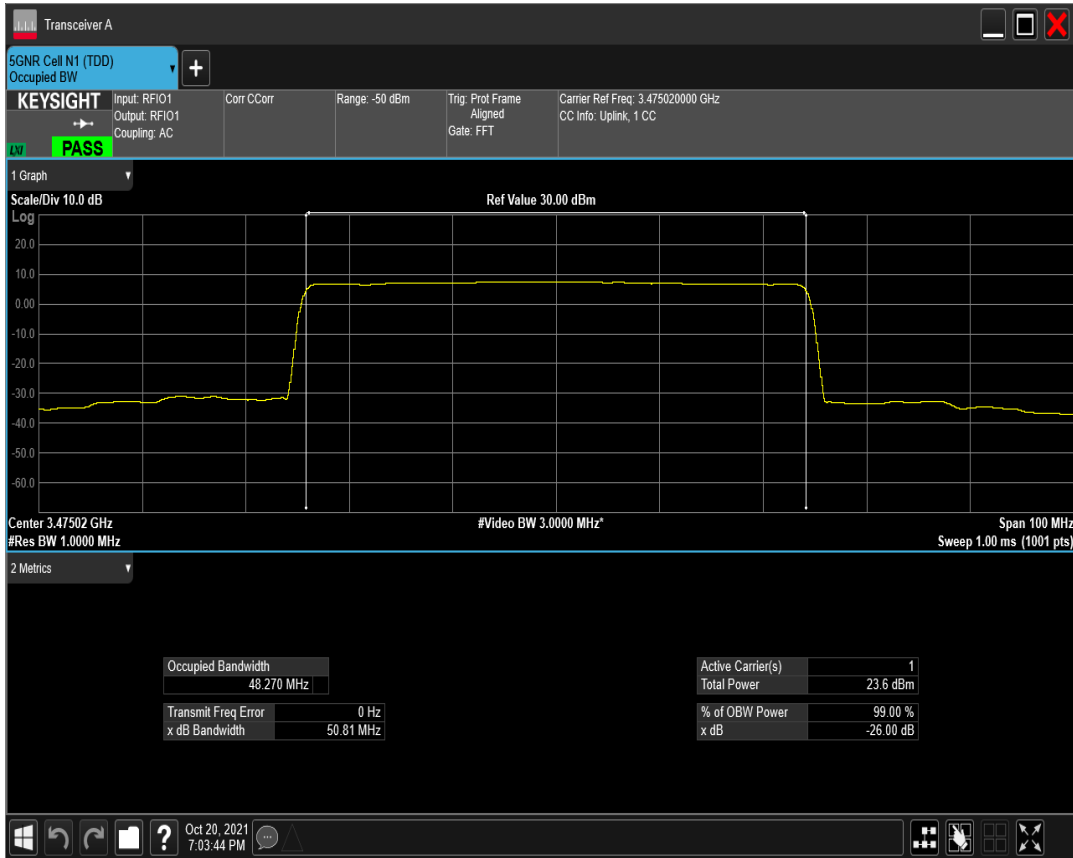
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



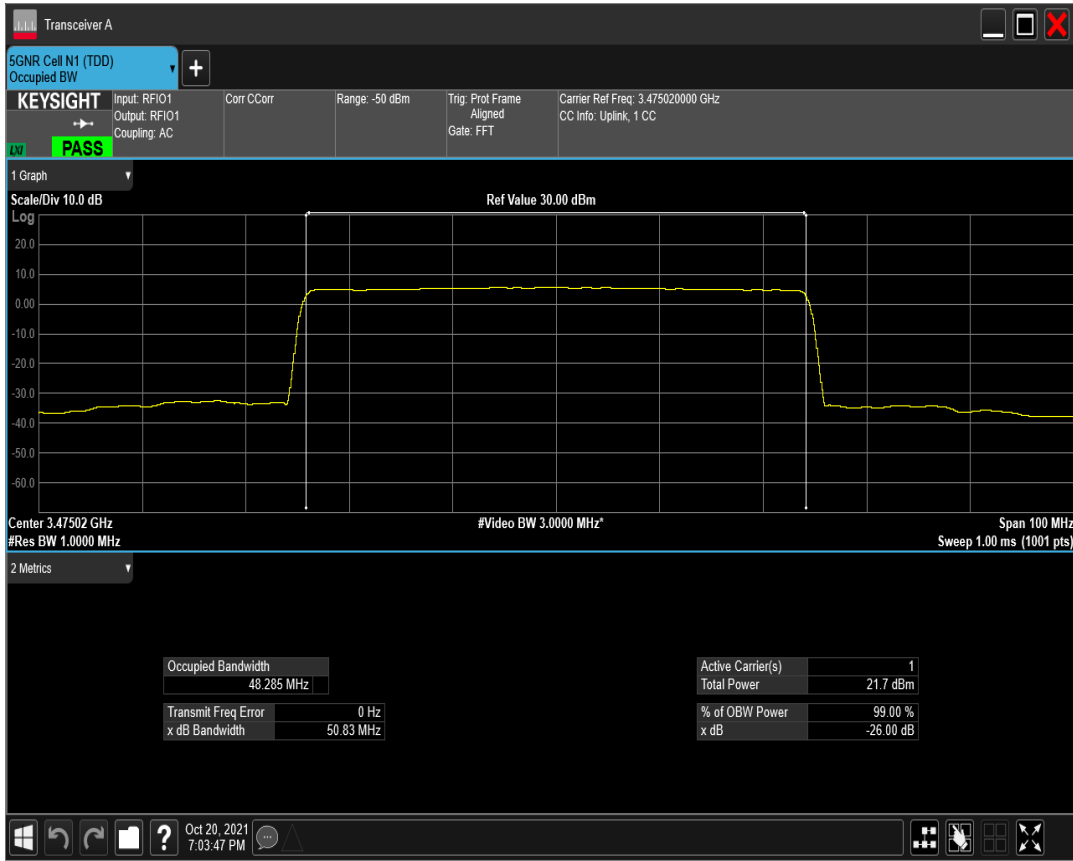
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=631668 RB=270@0



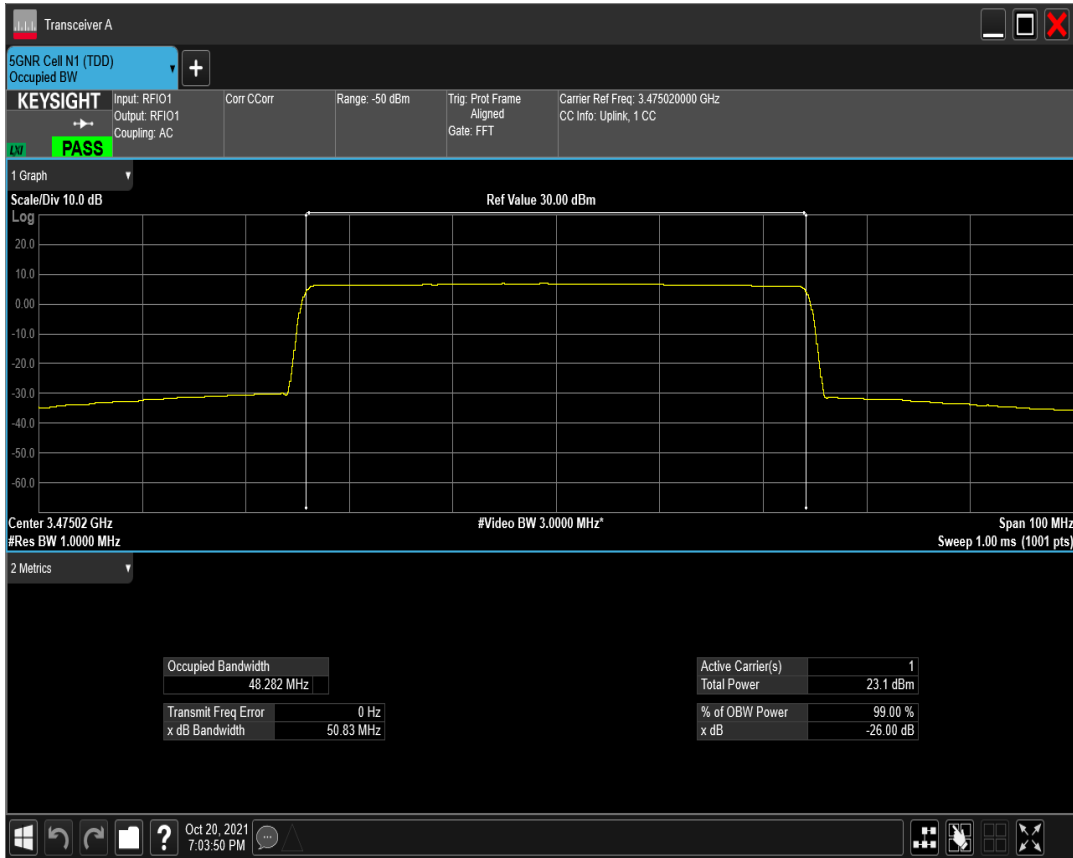
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=631668 RB=270@0



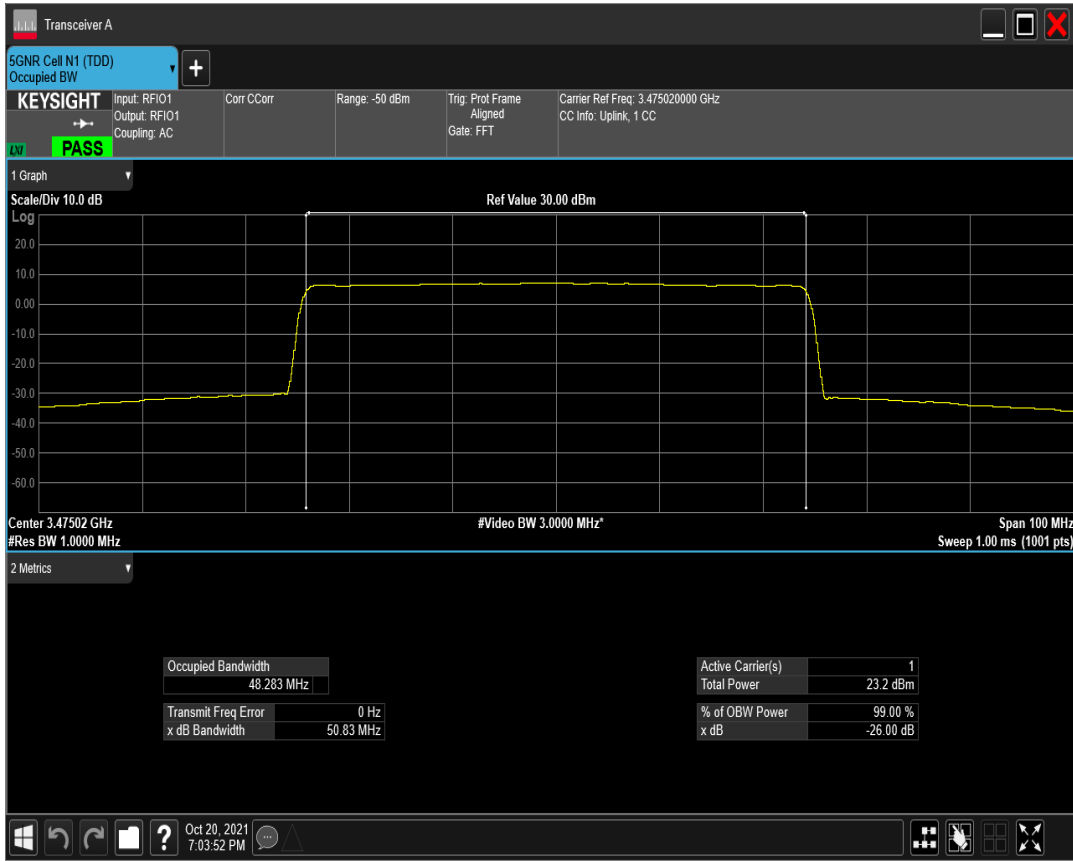
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=631668 RB=270@0



n78(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=631668 RB=270@0



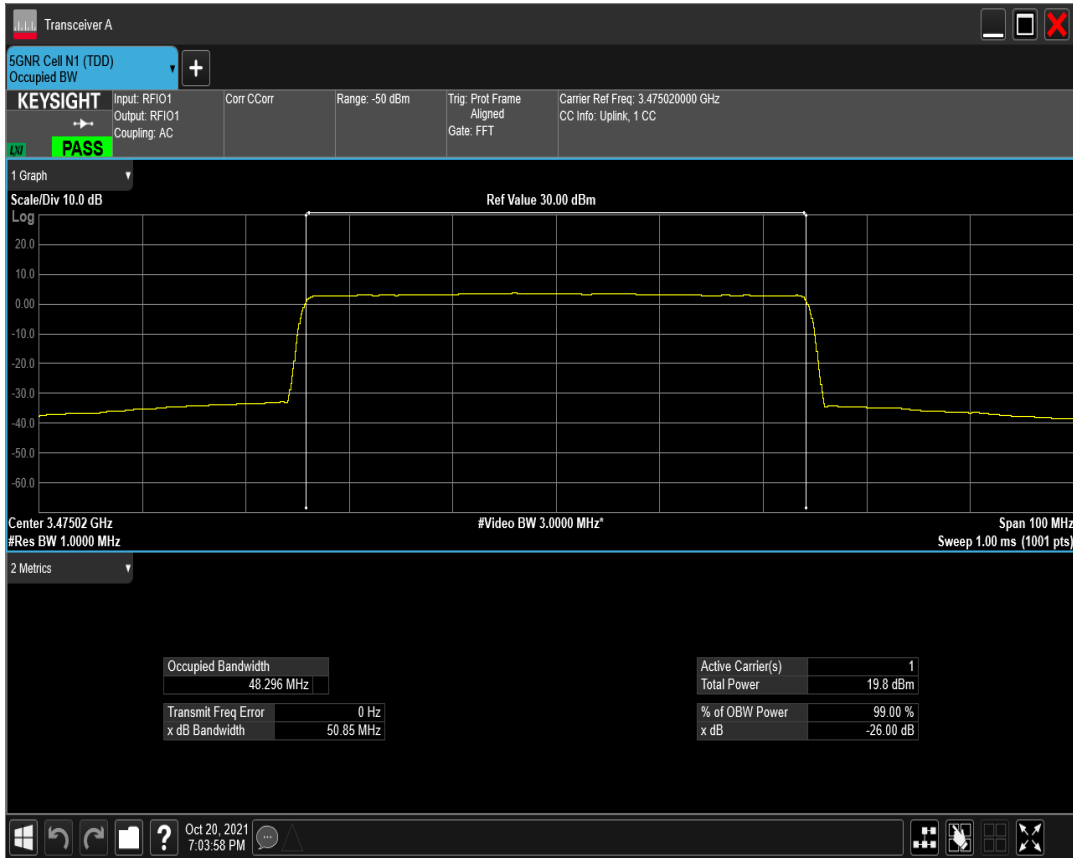
n78(3450-3550) SCS=15kHz CP_QAM16 BW=50MHz Channel=631668 RB=270@0



n78(3450-3550) SCS=15kHz CP_QAM64 BW=50MHz Channel=631668 RB=270@0



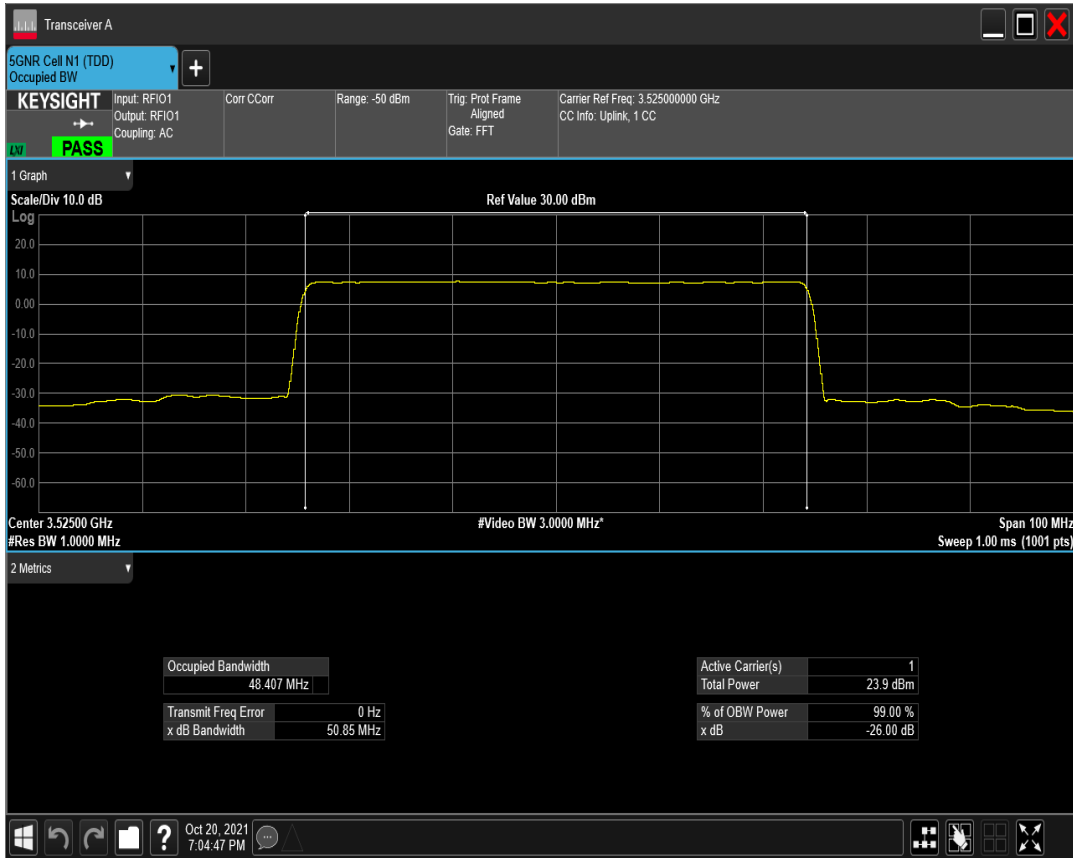
n78(3450-3550) SCS=15kHz CP_QAM256 BW=50MHz Channel=631668 RB=270@0



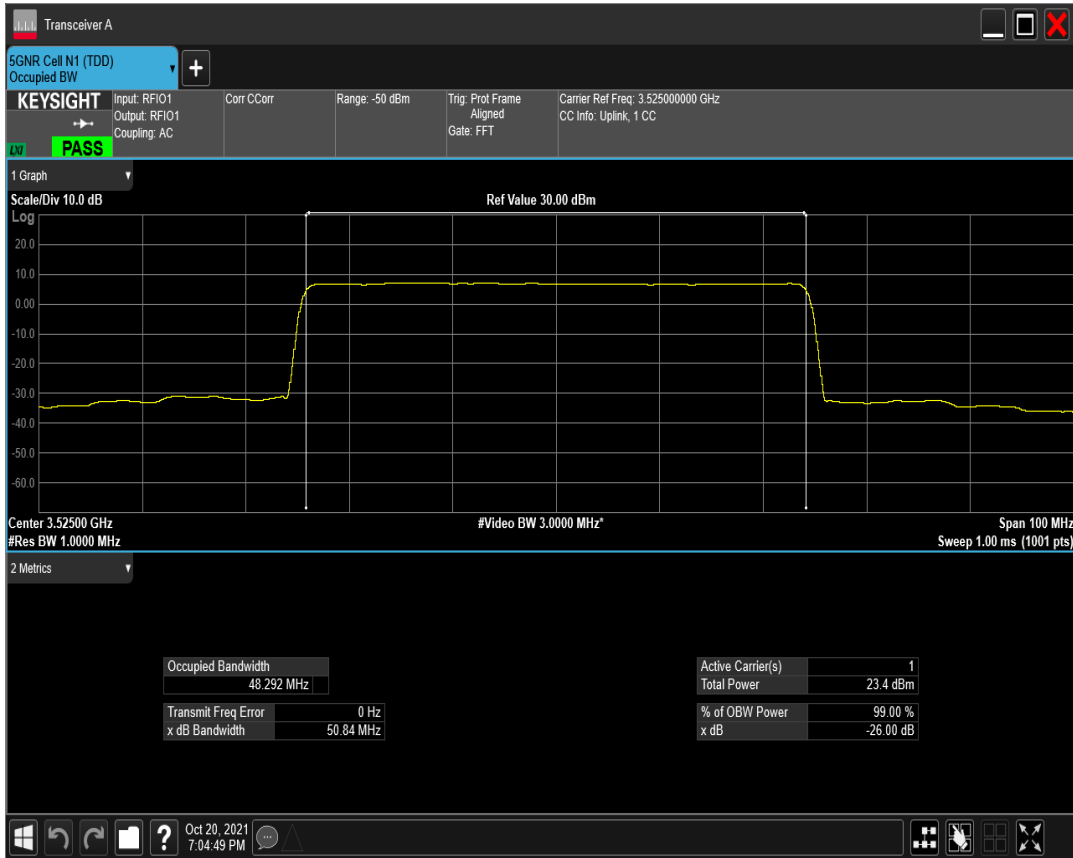
n78(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=635000 RB=270@0



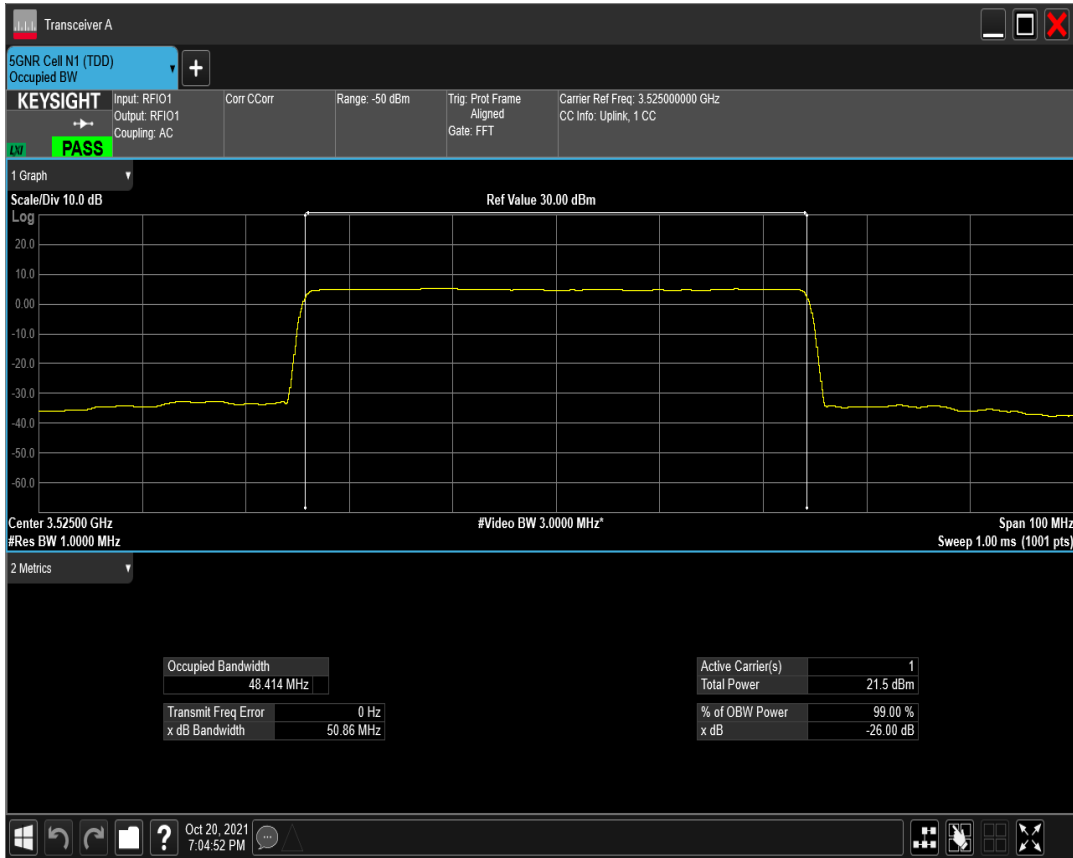
n78(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=635000 RB=270@0



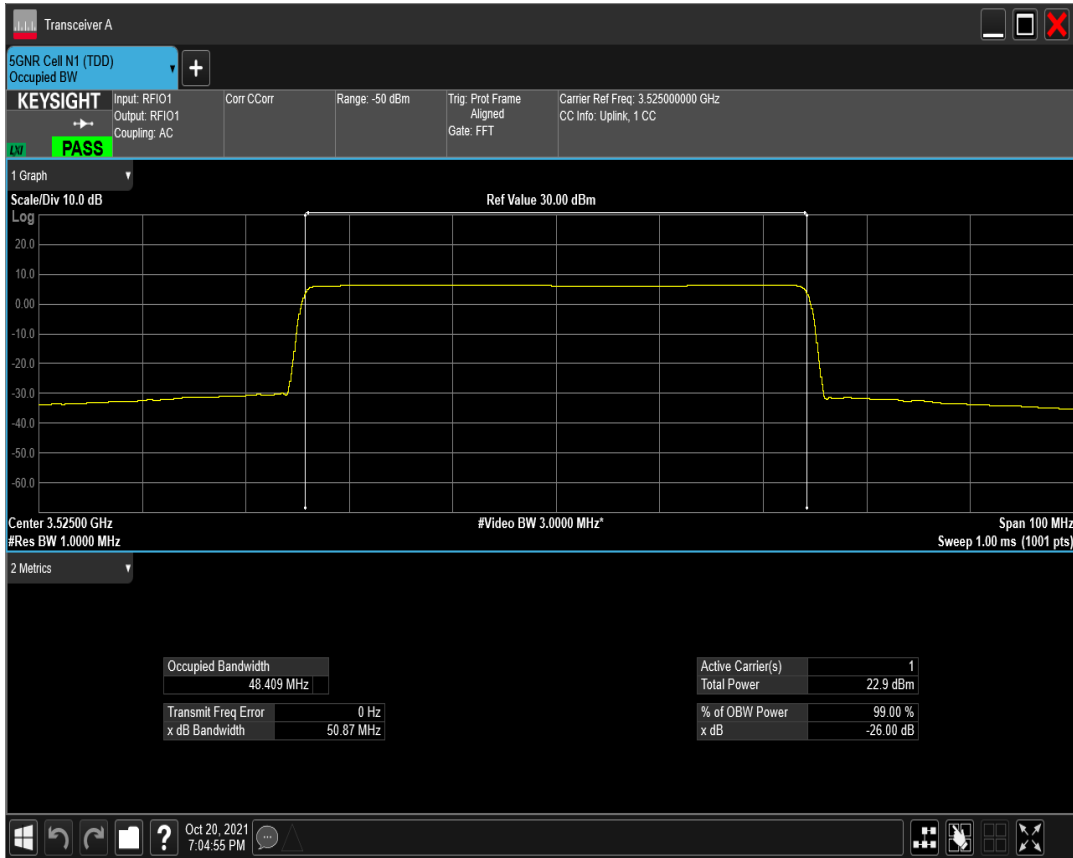
n78(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=635000 RB=270@0



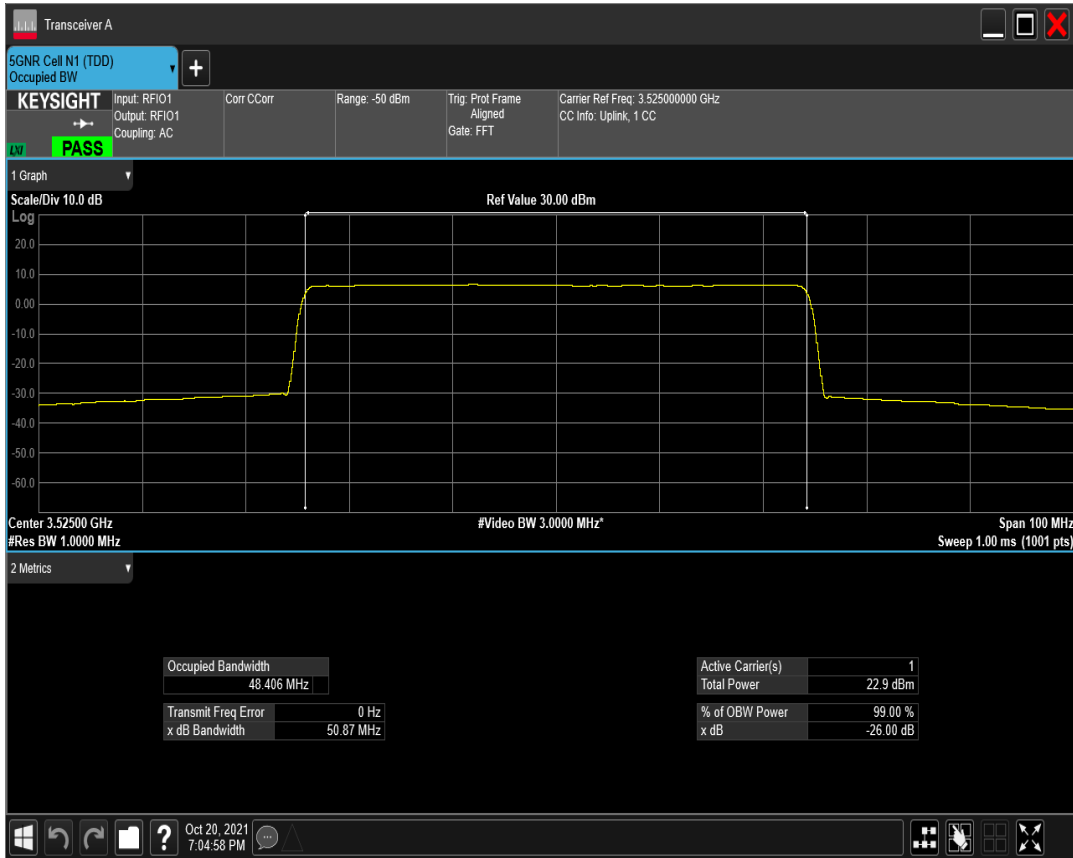
n78(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=635000 RB=270@0



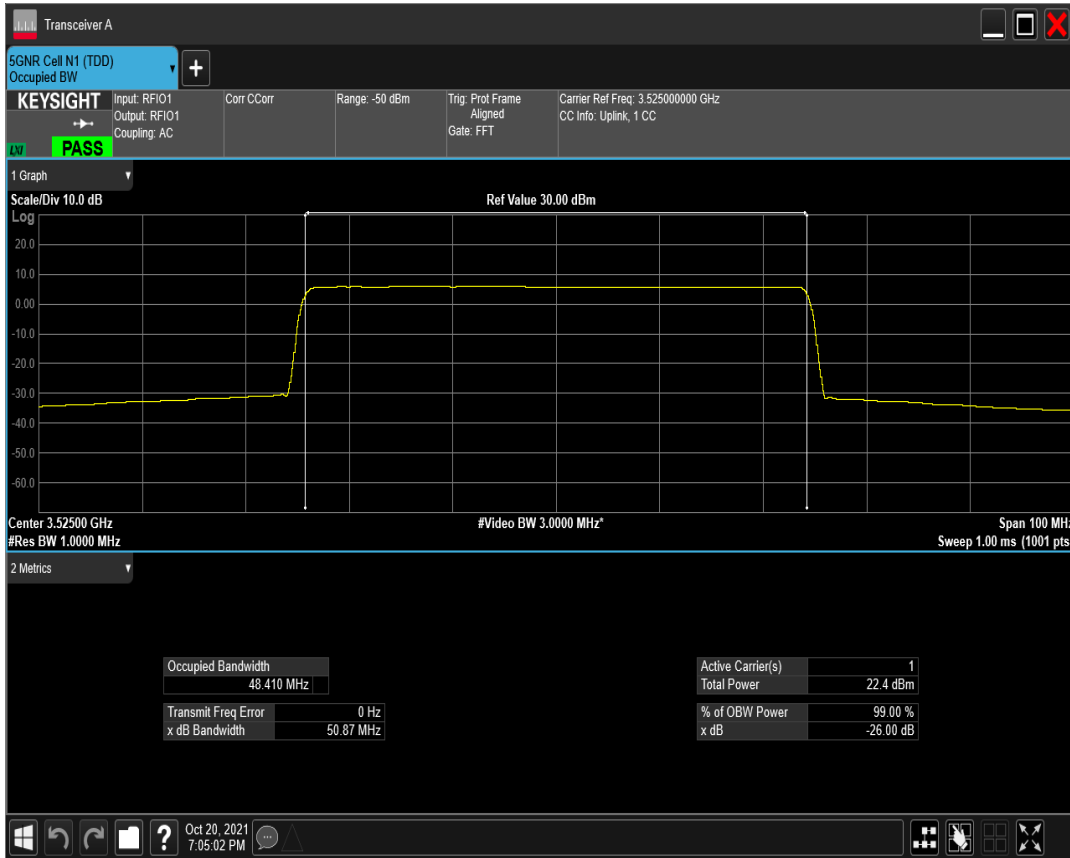
n78(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=635000 RB=270@0



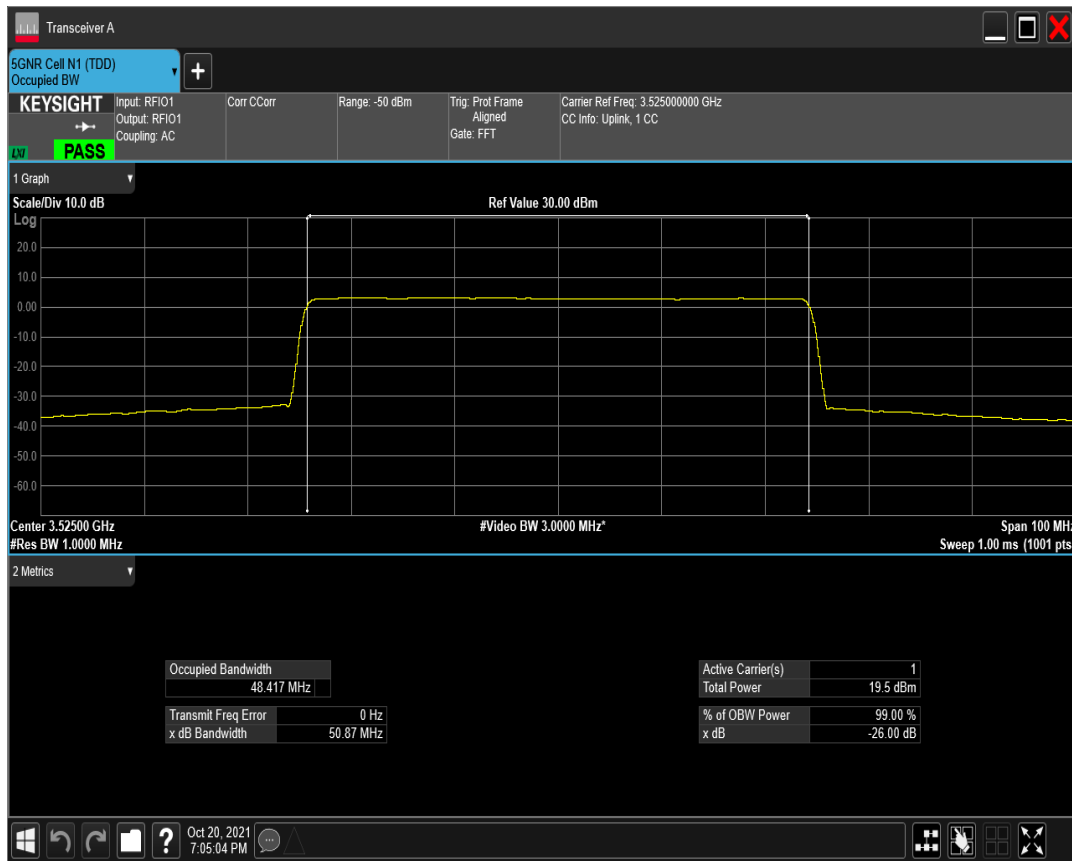
n78(3450-3550) SCS=15kHz CP_QAM16 BW=50MHz Channel=635000 RB=270@0



n78(3450-3550) SCS=15kHz CP_QAM64 BW=50MHz Channel=635000 RB=270@0



n78(3450-3550) SCS=15kHz CP_QAM256 BW=50MHz Channel=635000 RB=270@0



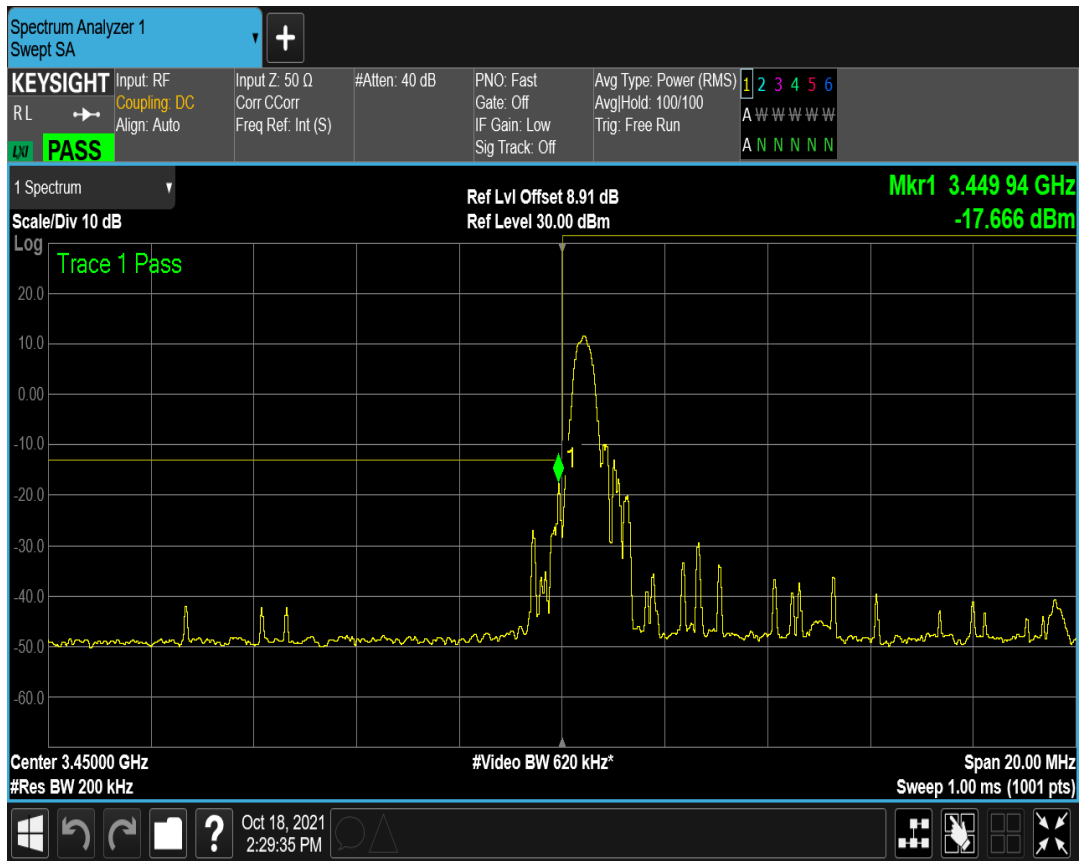
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	15	10	630334	50@0	DFT_QPSK	3449.94	-37.92	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.94	-17.66	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_QPSK	3551.76	-39.78	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.06	-20.86	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_QPSK	3450.00	-33.04	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_QPSK	3449.92	-28.41	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_QPSK	3555.08	-42.98	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_QPSK	3550.28	-28.30	-13	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_QPSK	3450.00	-38.67	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_QPSK	3450.00	-29.14	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-36.37	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.10	-28.65	-13	PASS

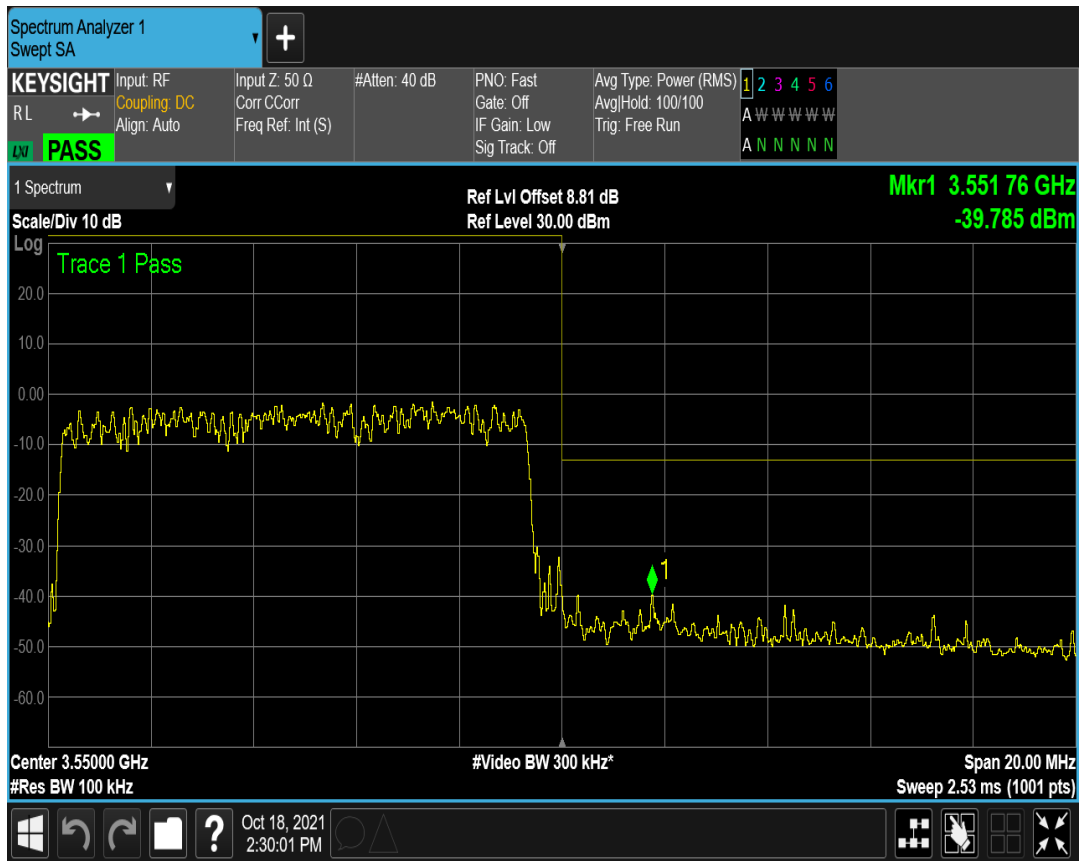
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



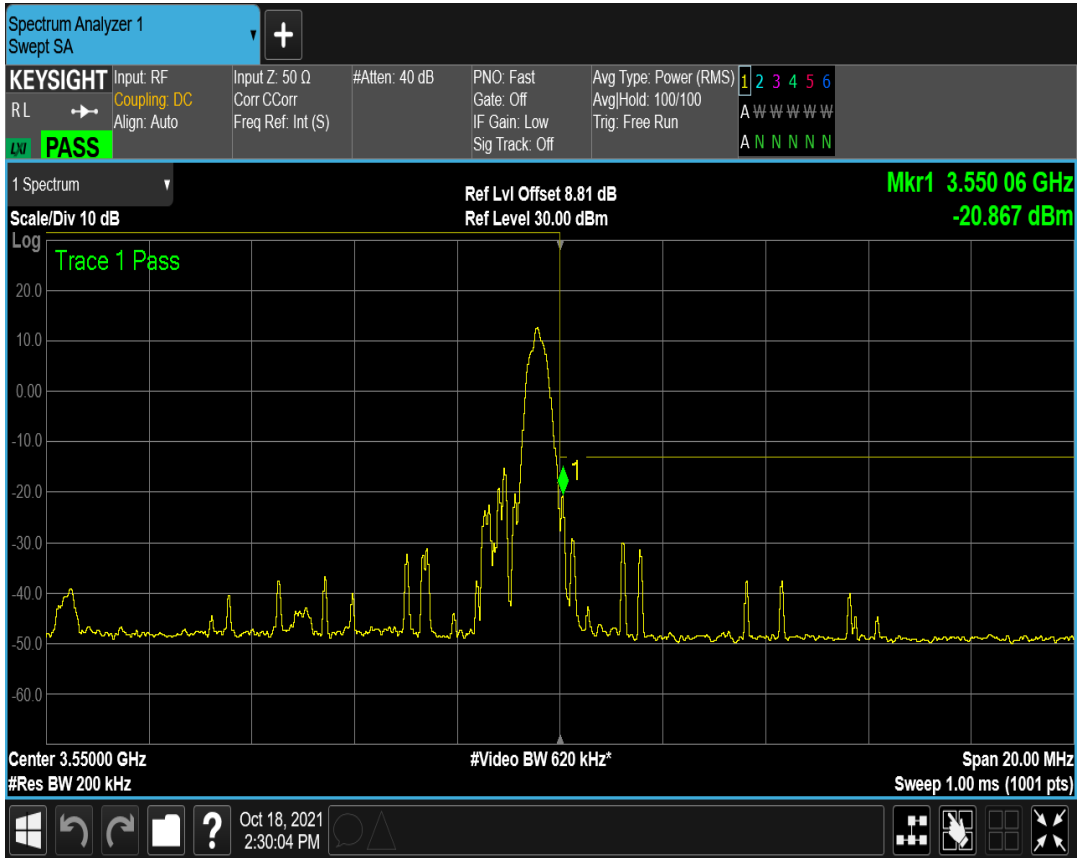
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1 @0



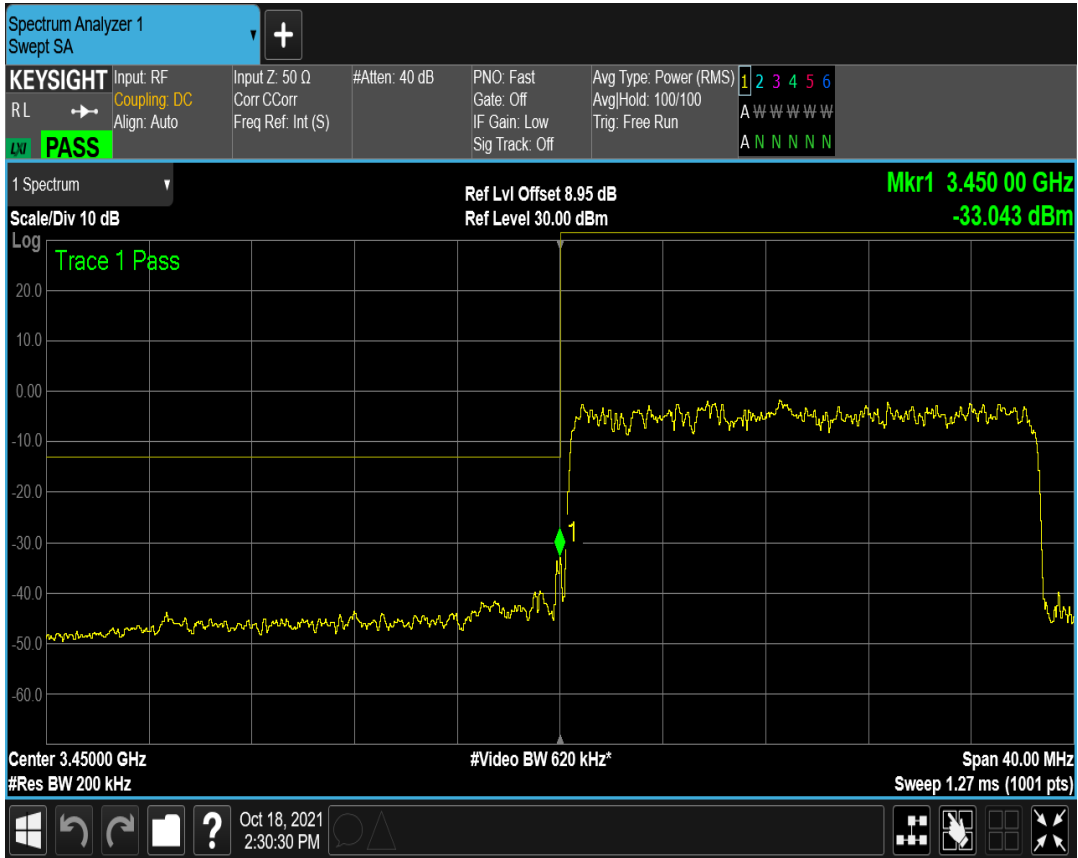
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



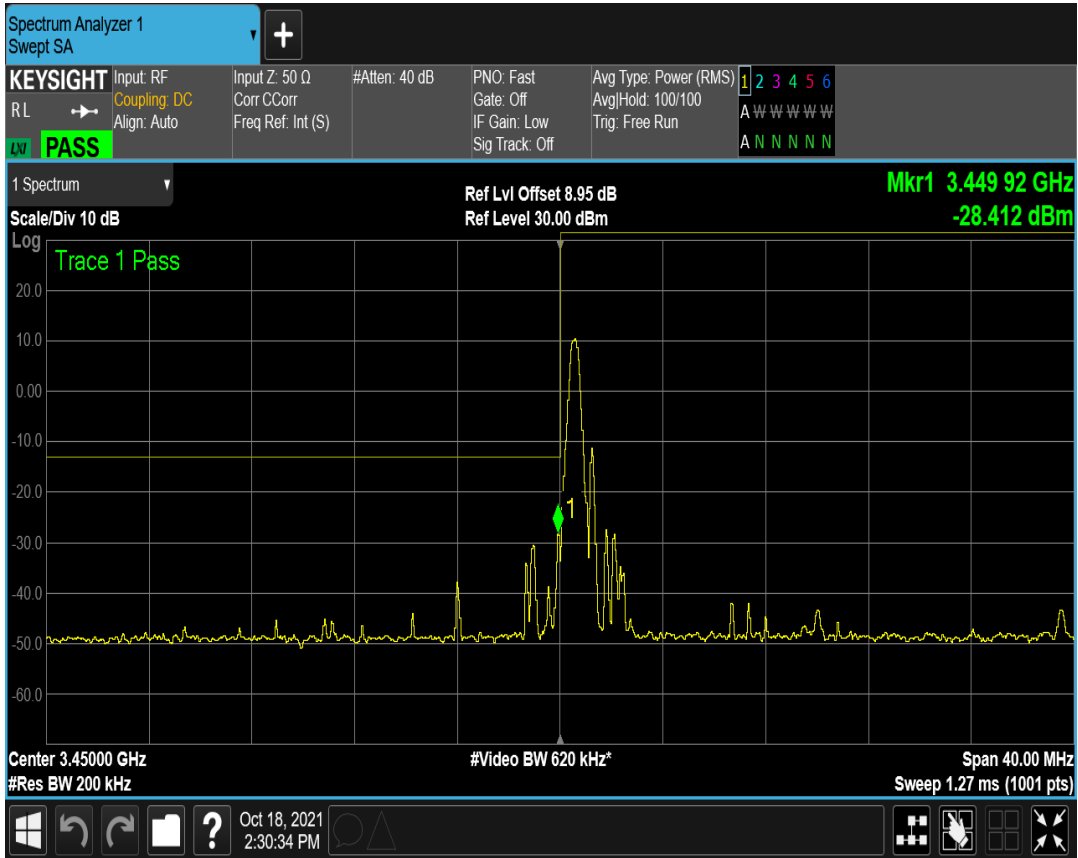
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1 @51



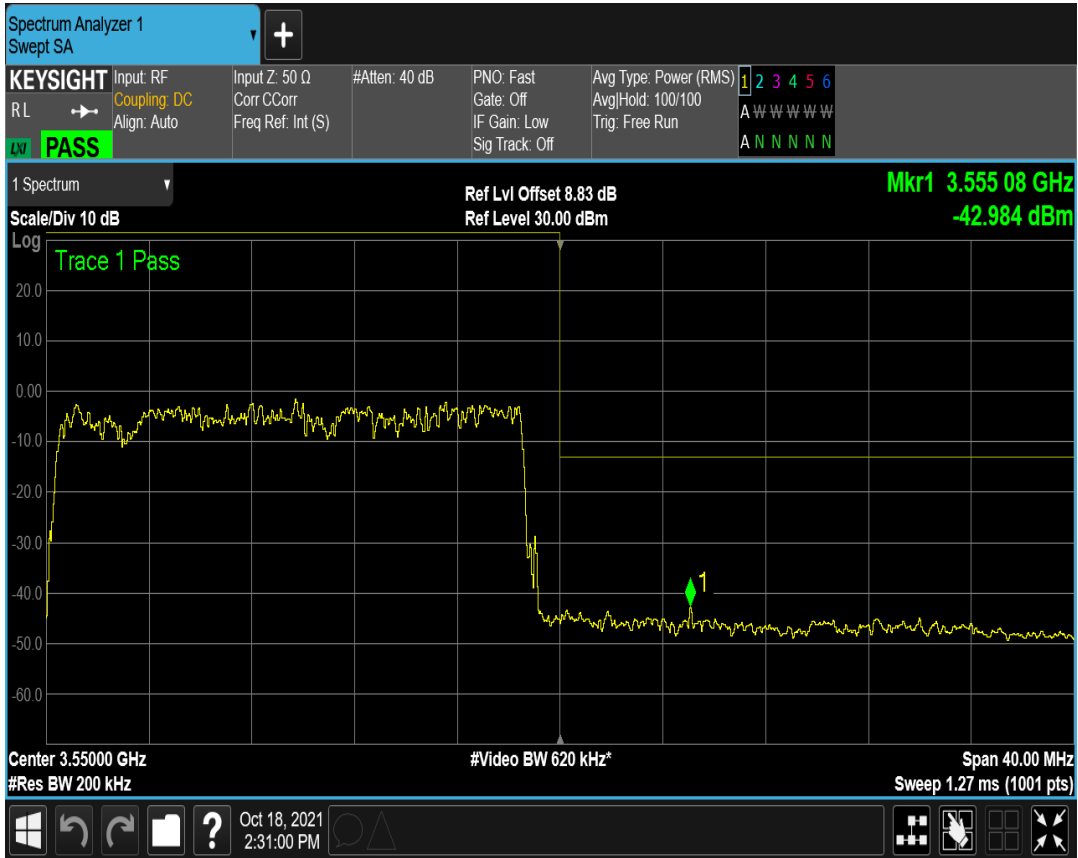
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=100@0



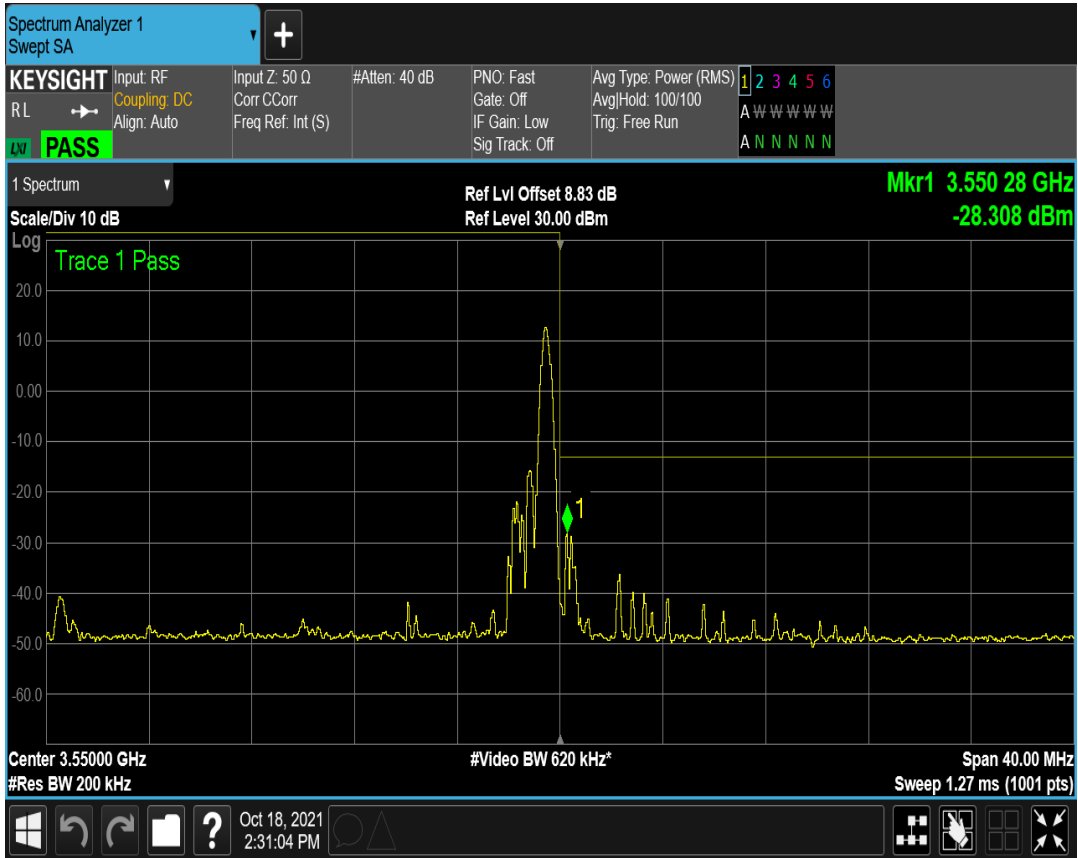
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=1 @0



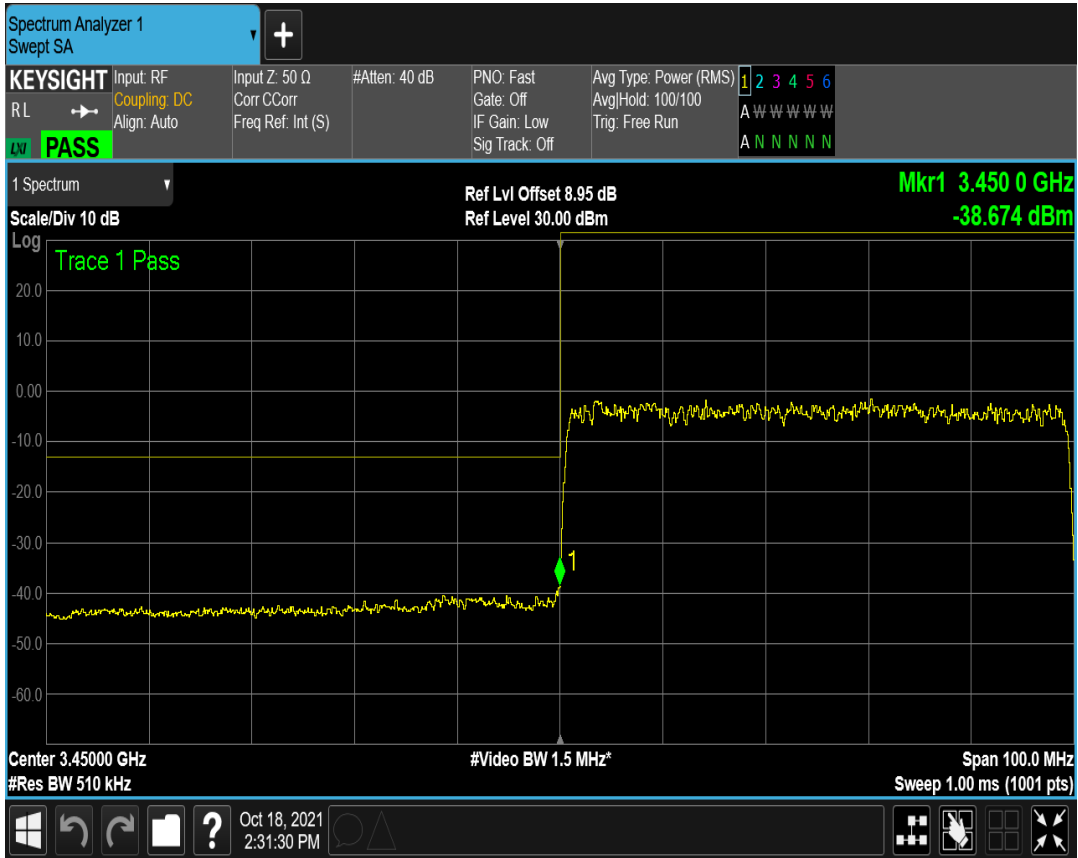
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=100@0



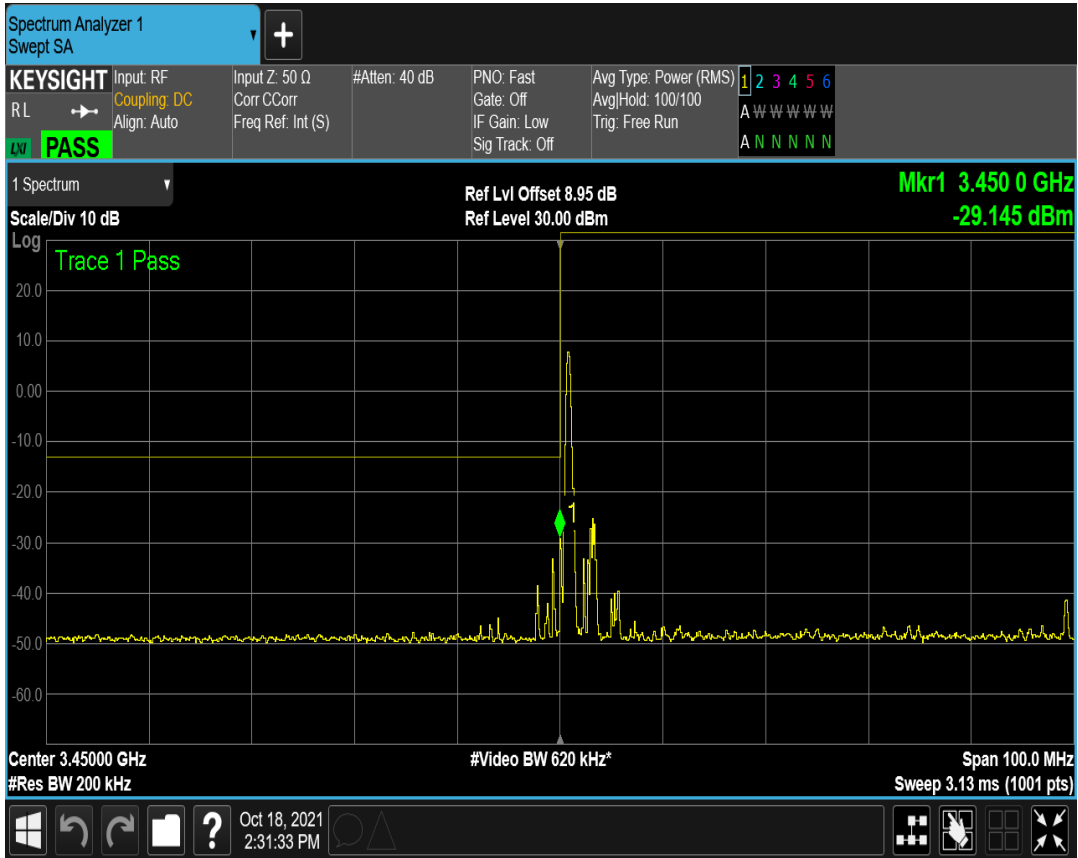
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=1 @ 105



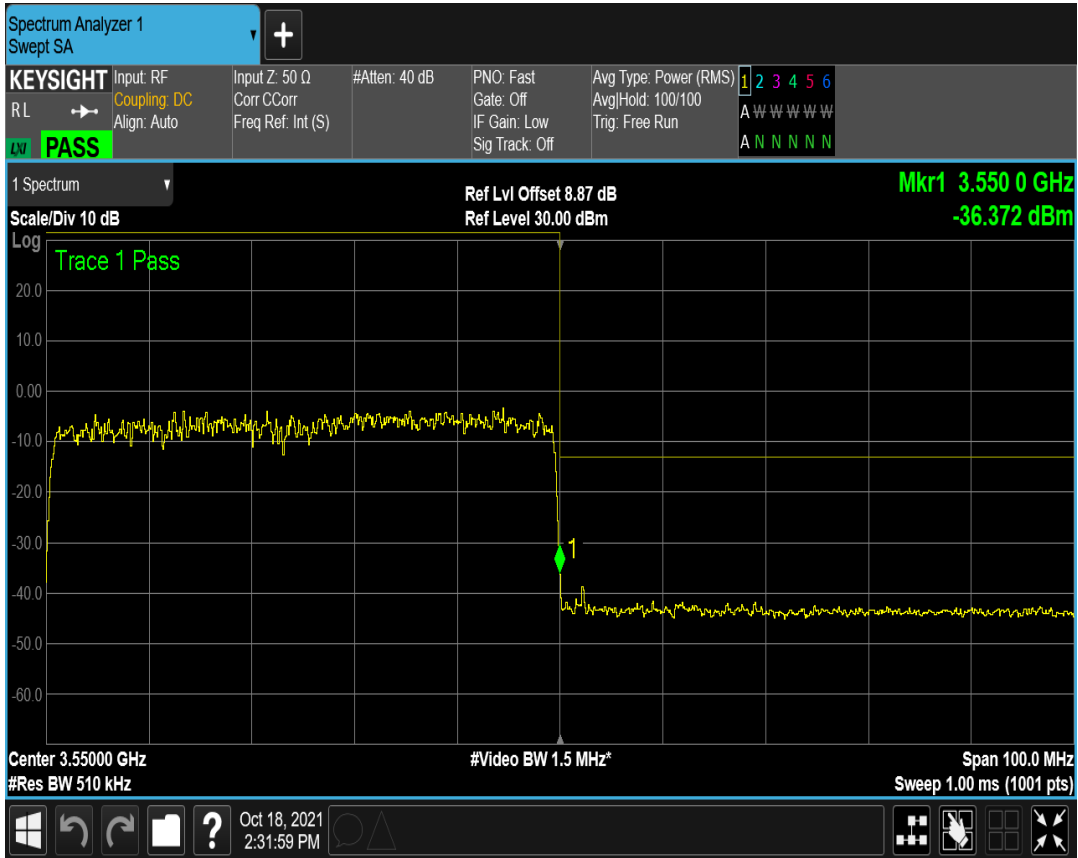
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



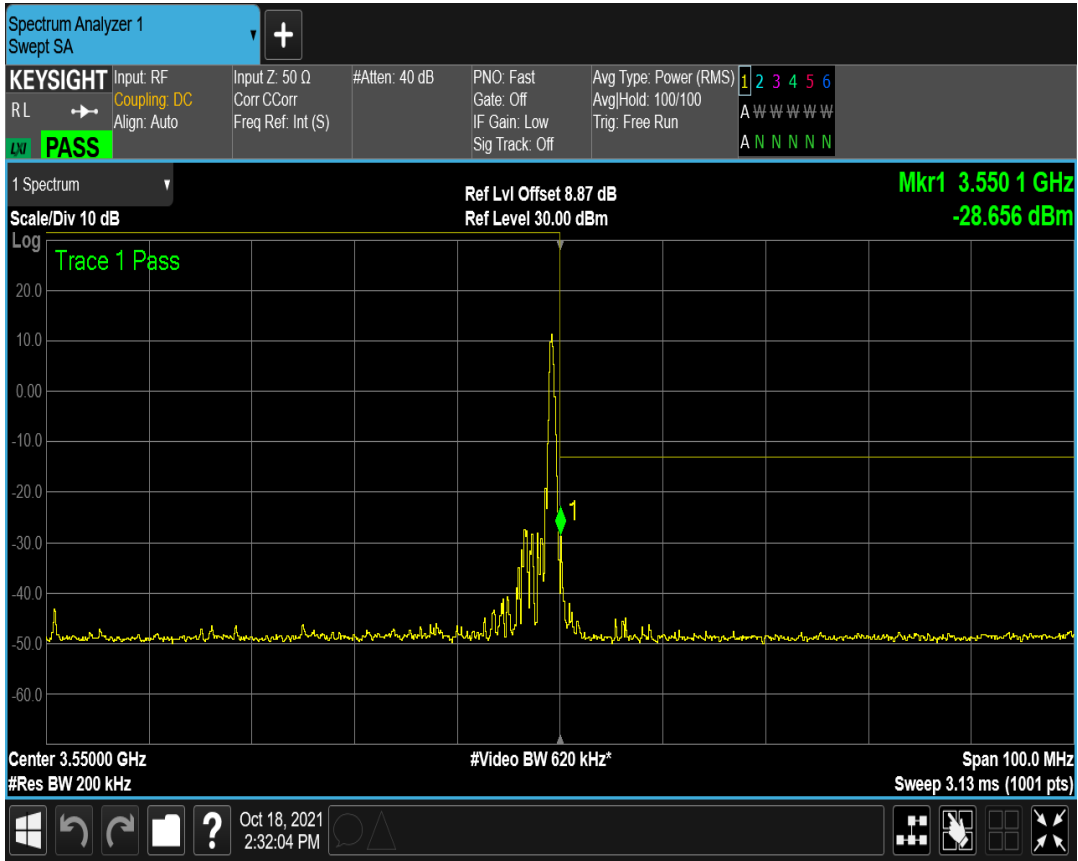
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1 @0



n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=270@0



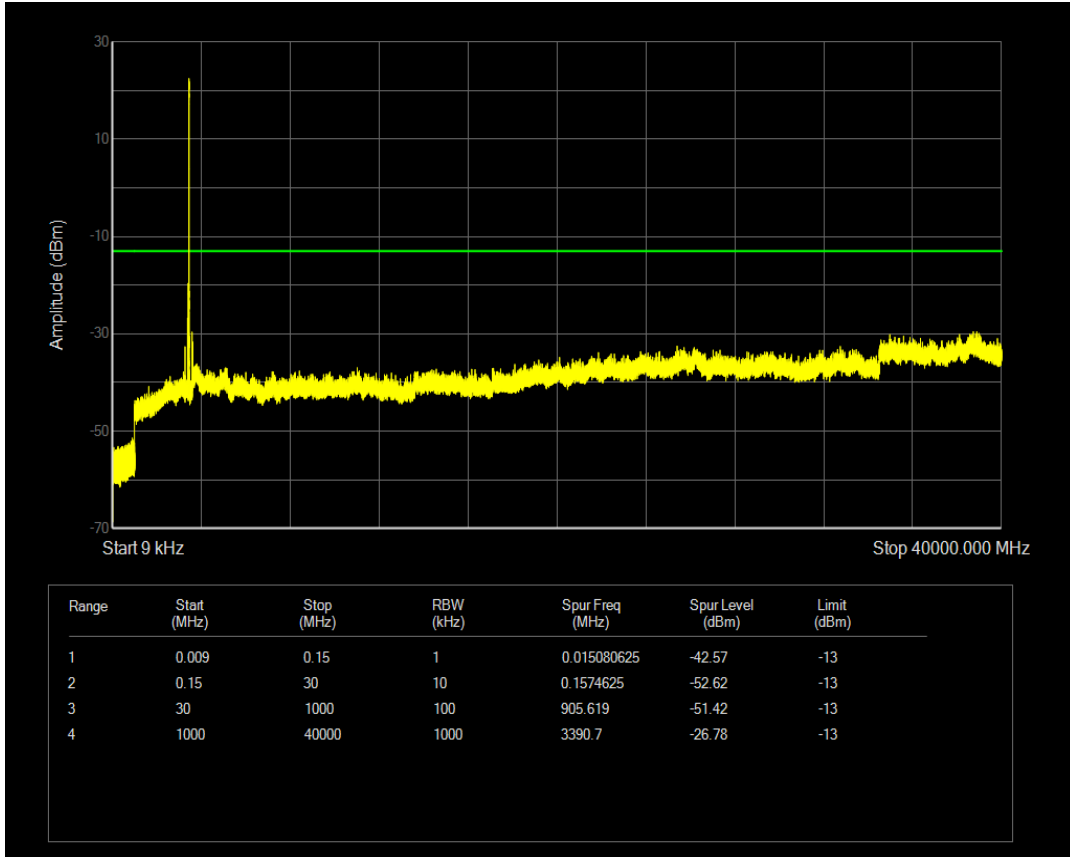
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1 @269



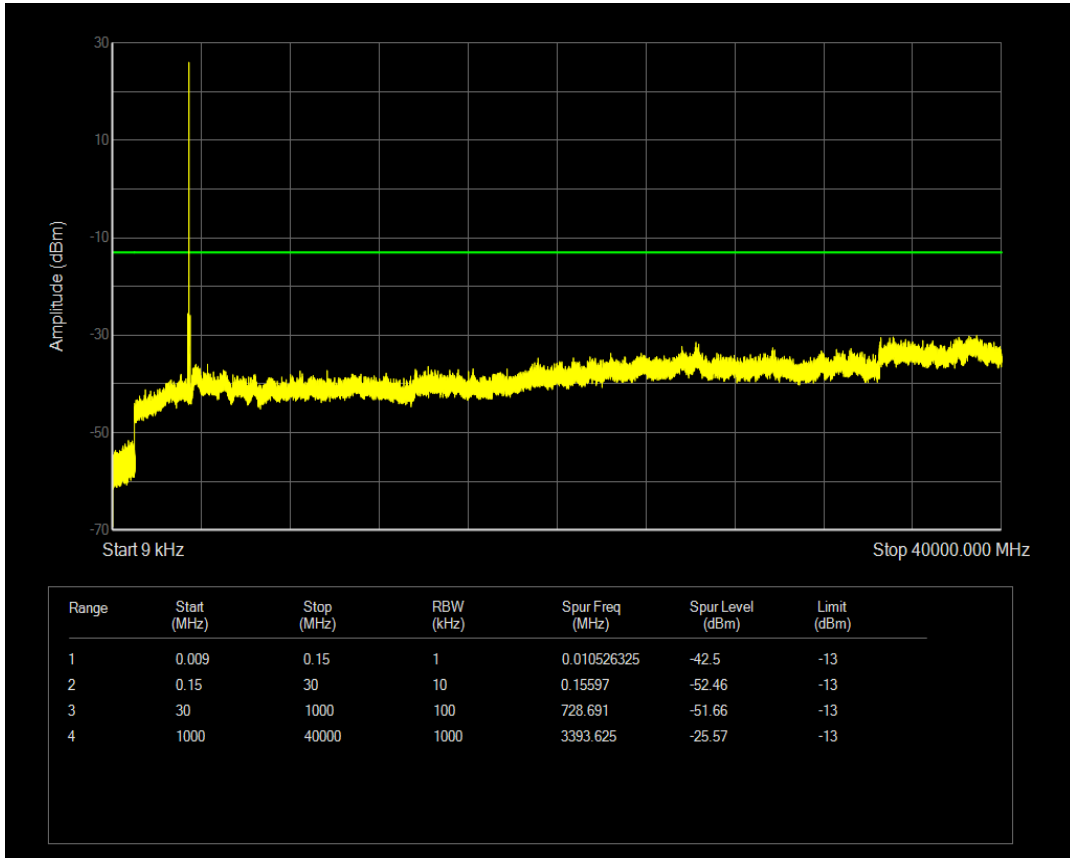
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	15	10	630334	50@0	DFT_QPSK	3390.70	-26.78	-13	PASS
n78(3450-3550)	15	10	630334	1@0	DFT_QPSK	3393.63	-25.57	-13	PASS
n78(3450-3550)	15	10	630334	1@51	DFT_QPSK	35126.95	-29.53	-13	PASS
n78(3450-3550)	15	10	636332	50@0	DFT_QPSK	38930.43	-29.43	-13	PASS
n78(3450-3550)	15	10	636332	1@0	DFT_QPSK	38591.13	-28.38	-13	PASS
n78(3450-3550)	15	10	636332	1@51	DFT_QPSK	38553.10	-29.39	-13	PASS
n78(3450-3550)	15	20	630668	100@0	DFT_QPSK	38543.35	-28.75	-13	PASS
n78(3450-3550)	15	20	630668	1@0	DFT_QPSK	38846.58	-29.30	-13	PASS
n78(3450-3550)	15	20	630668	1@105	DFT_QPSK	38619.40	-28.80	-13	PASS
n78(3450-3550)	15	20	636000	100@0	DFT_QPSK	38597.95	-28.99	-13	PASS
n78(3450-3550)	15	20	636000	1@0	DFT_QPSK	34936.83	-29.94	-13	PASS
n78(3450-3550)	15	20	636000	1@105	DFT_QPSK	38786.13	-30.07	-13	PASS
n78(3450-3550)	15	50	631668	270@0	DFT_QPSK	38562.85	-28.27	-13	PASS
n78(3450-3550)	15	50	631668	1@0	DFT_QPSK	37600.53	-29.55	-13	PASS
n78(3450-3550)	15	50	631668	1@269	DFT_QPSK	38745.18	-28.95	-13	PASS
n78(3450-3550)	15	50	635000	270@0	DFT_QPSK	38687.65	-29.52	-13	PASS
n78(3450-3550)	15	50	635000	1@0	DFT_QPSK	38664.25	-29.38	-13	PASS
n78(3450-3550)	15	50	635000	1@269	DFT_QPSK	38607.70	-29.50	-13	PASS

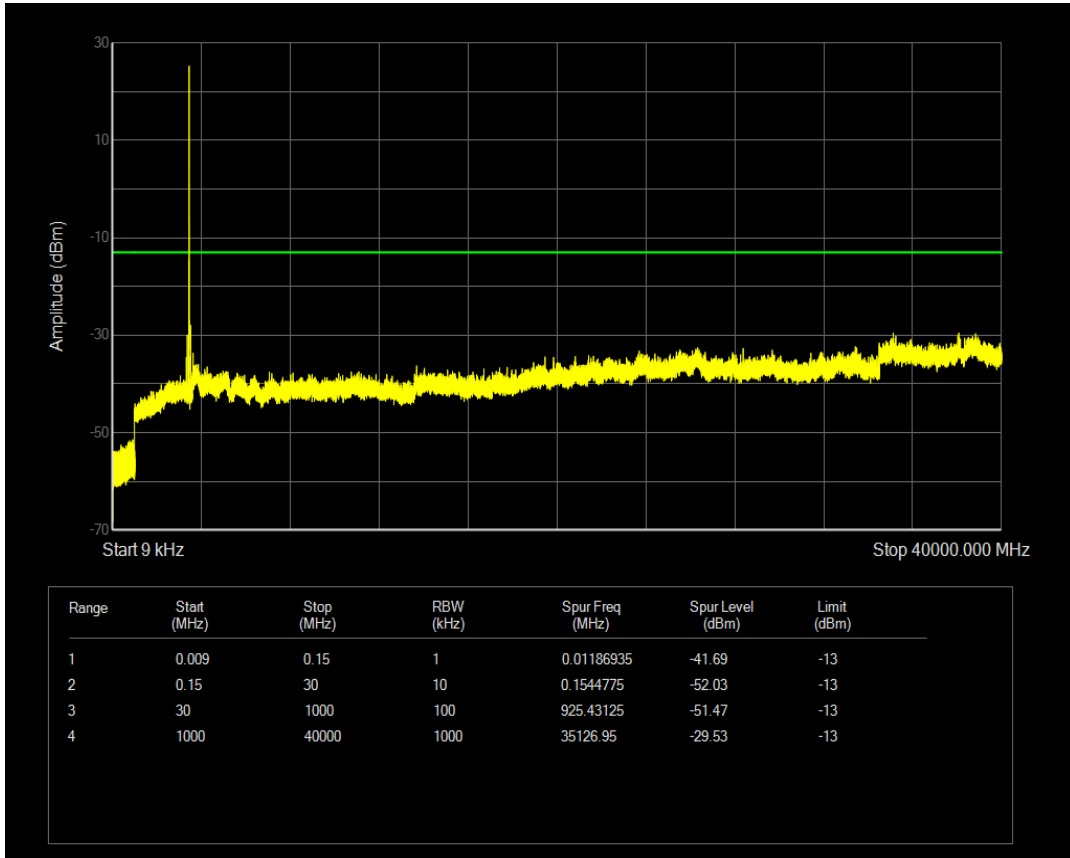
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



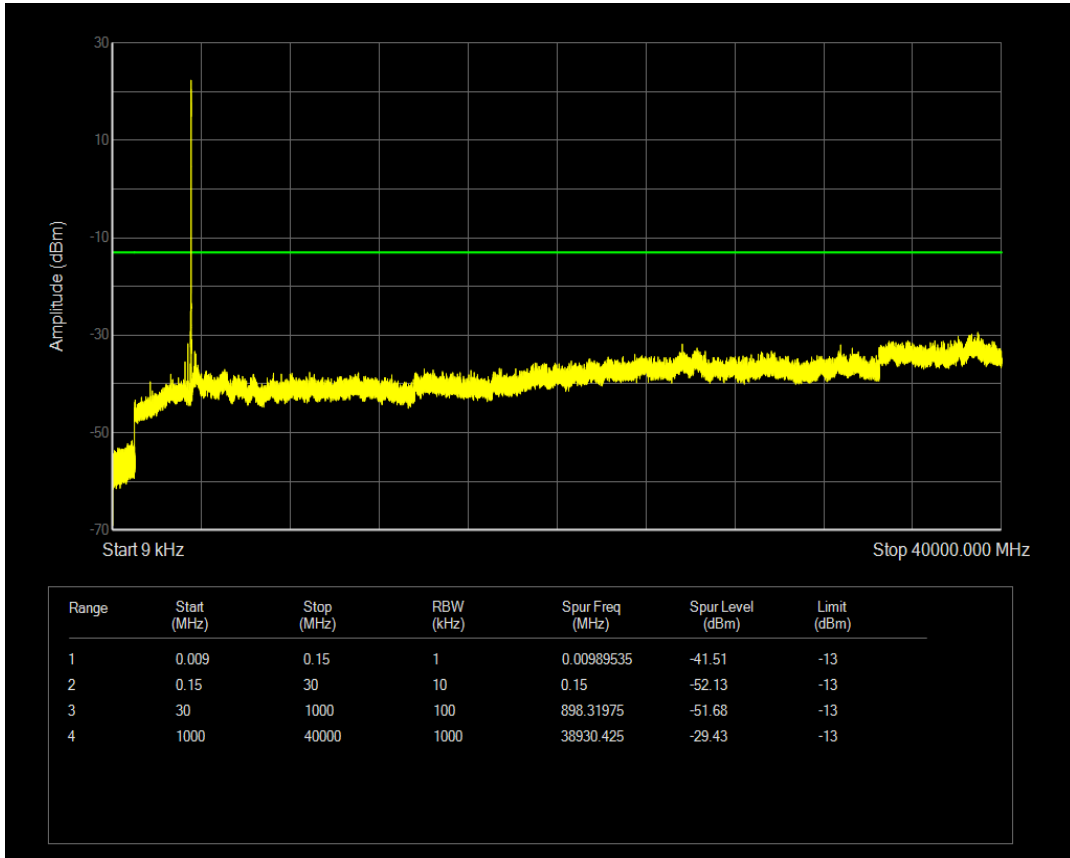
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



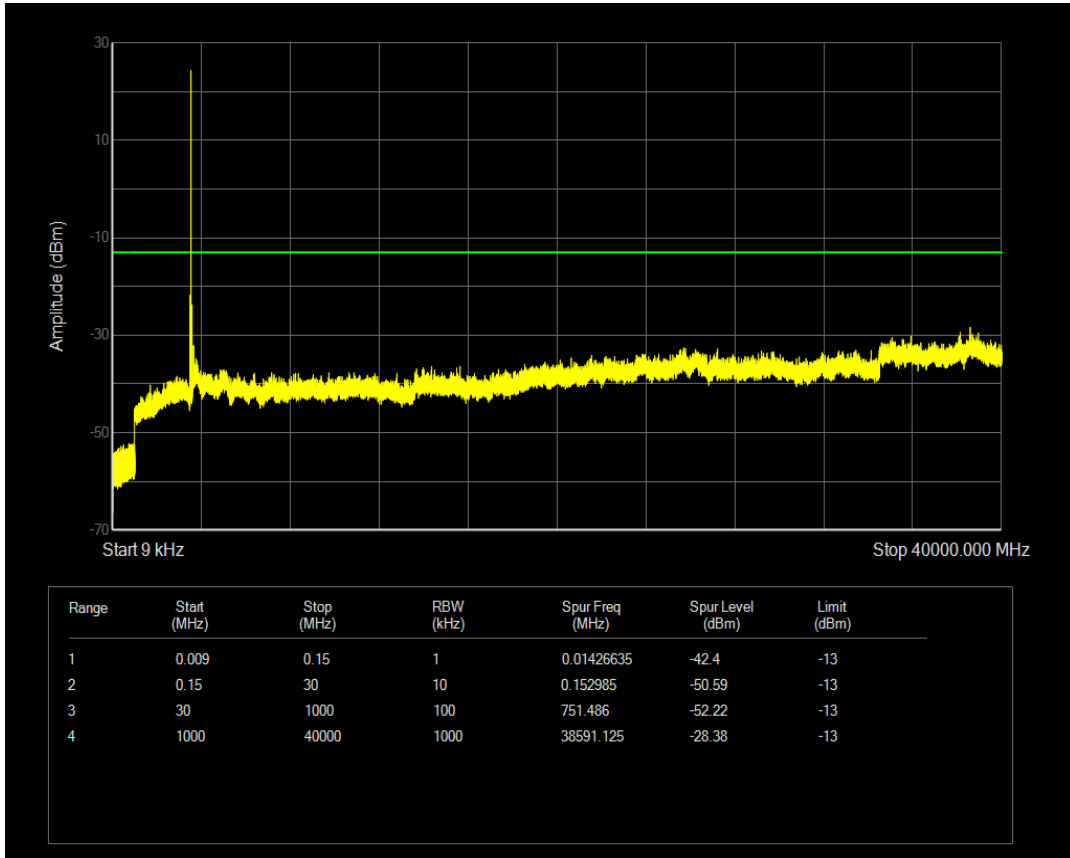
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@51



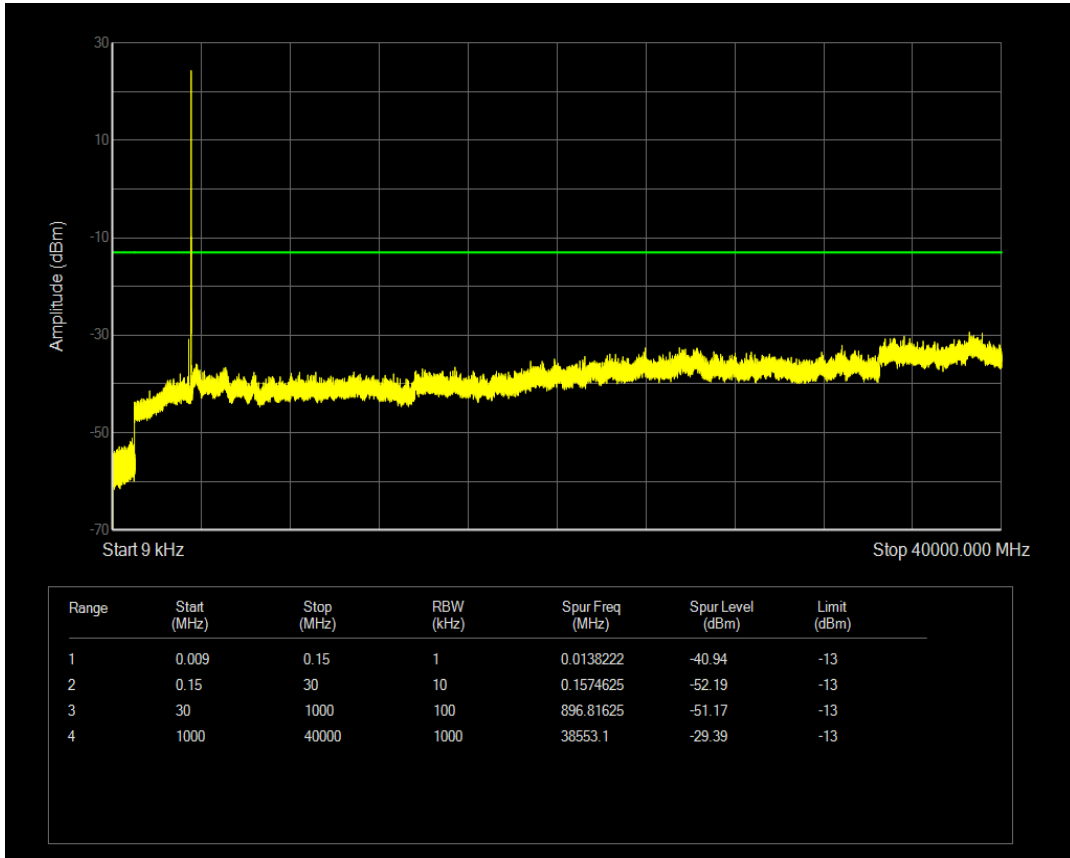
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



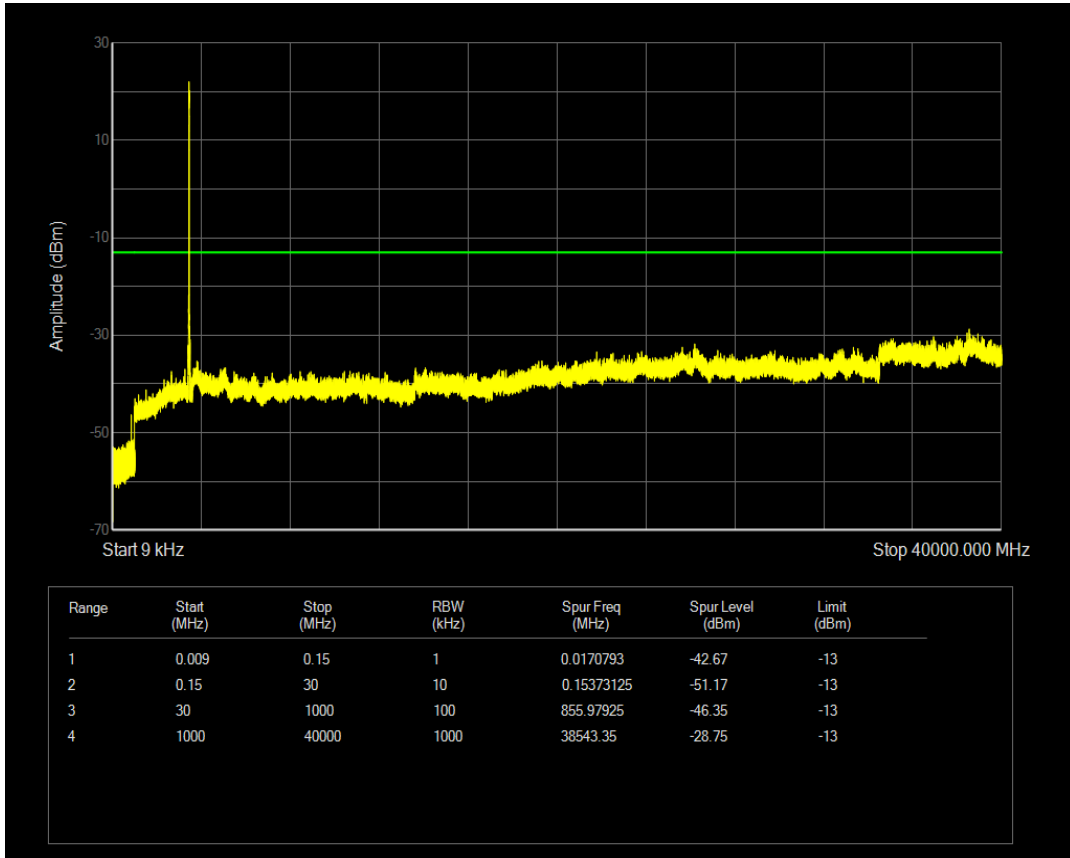
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1 @0



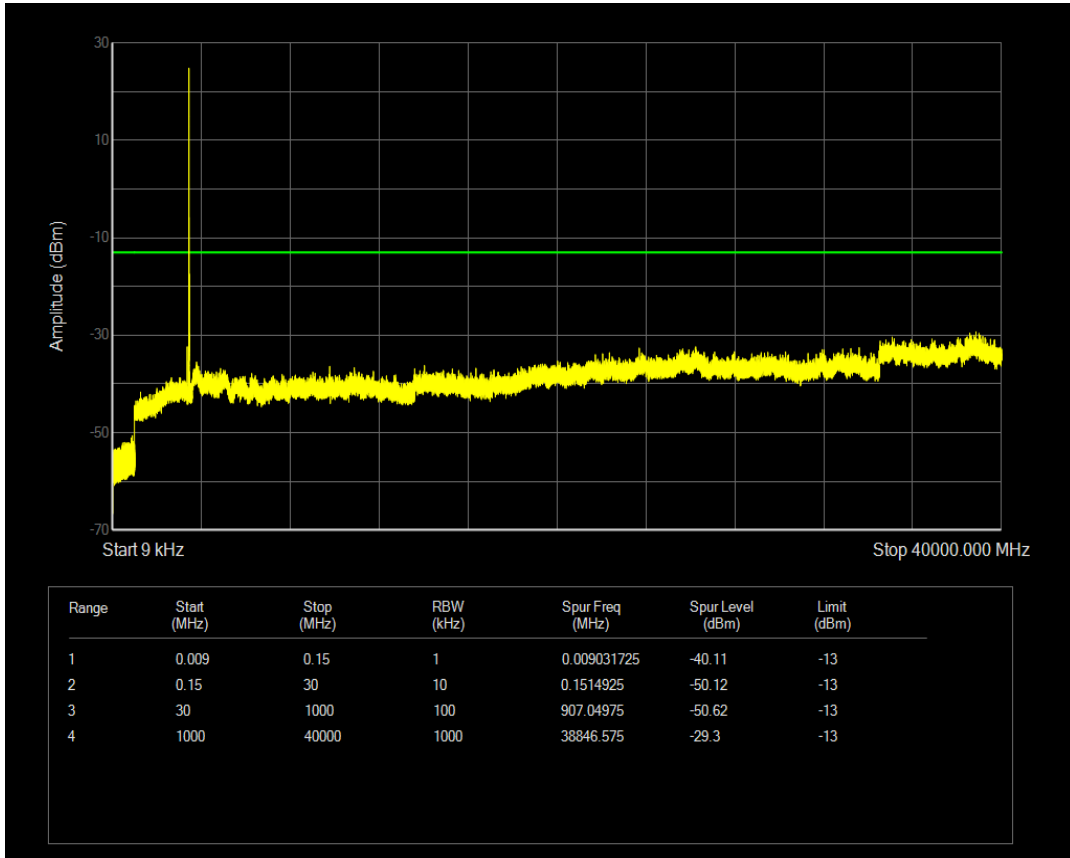
n78(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



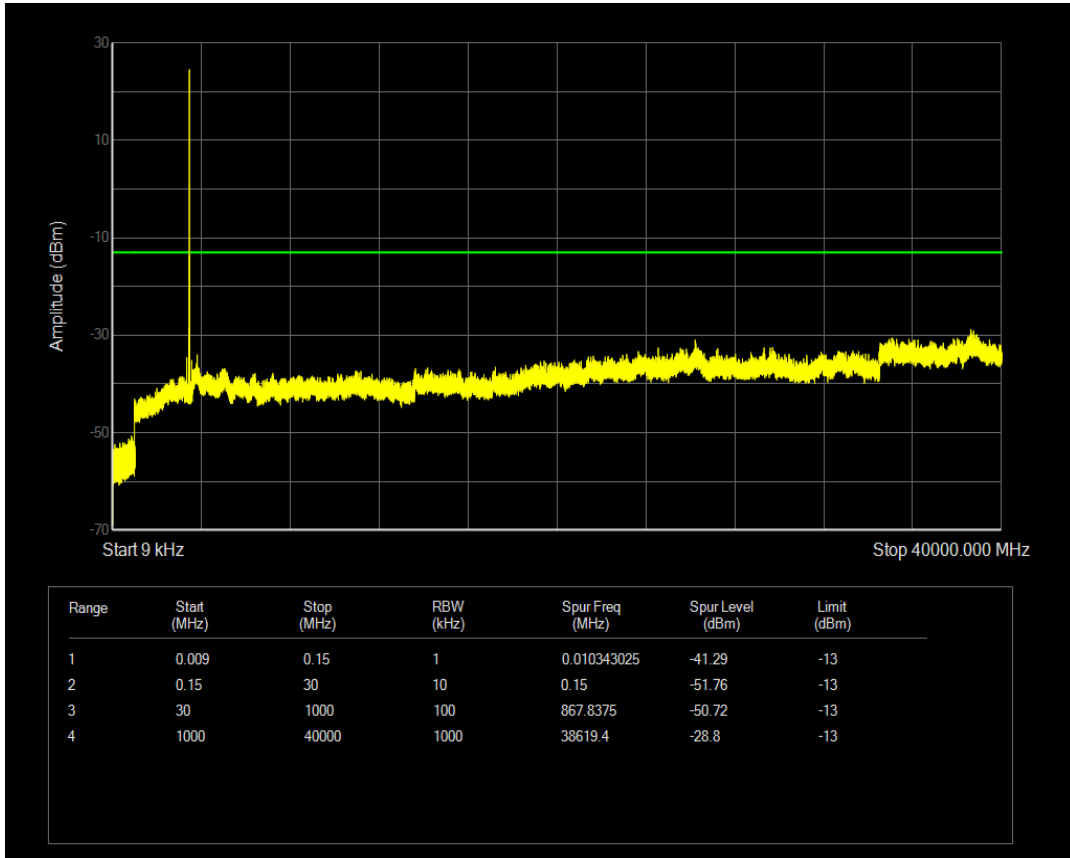
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=100@0



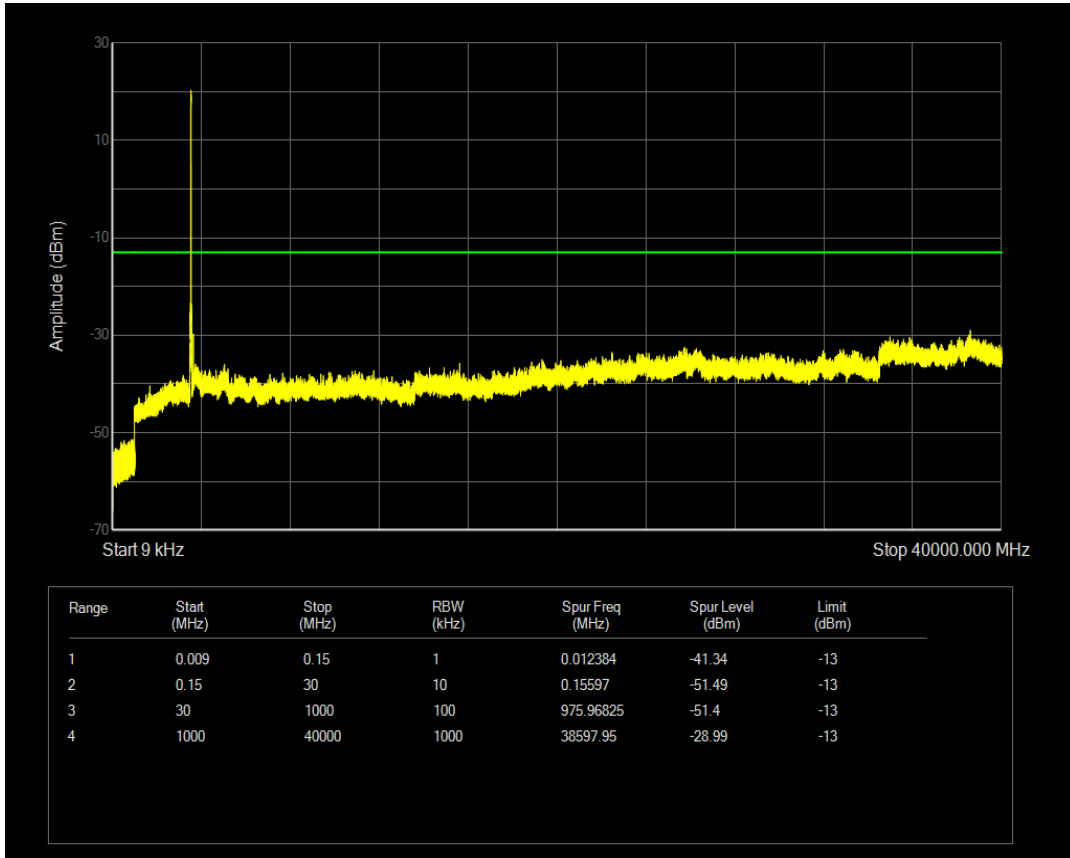
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=1 @0



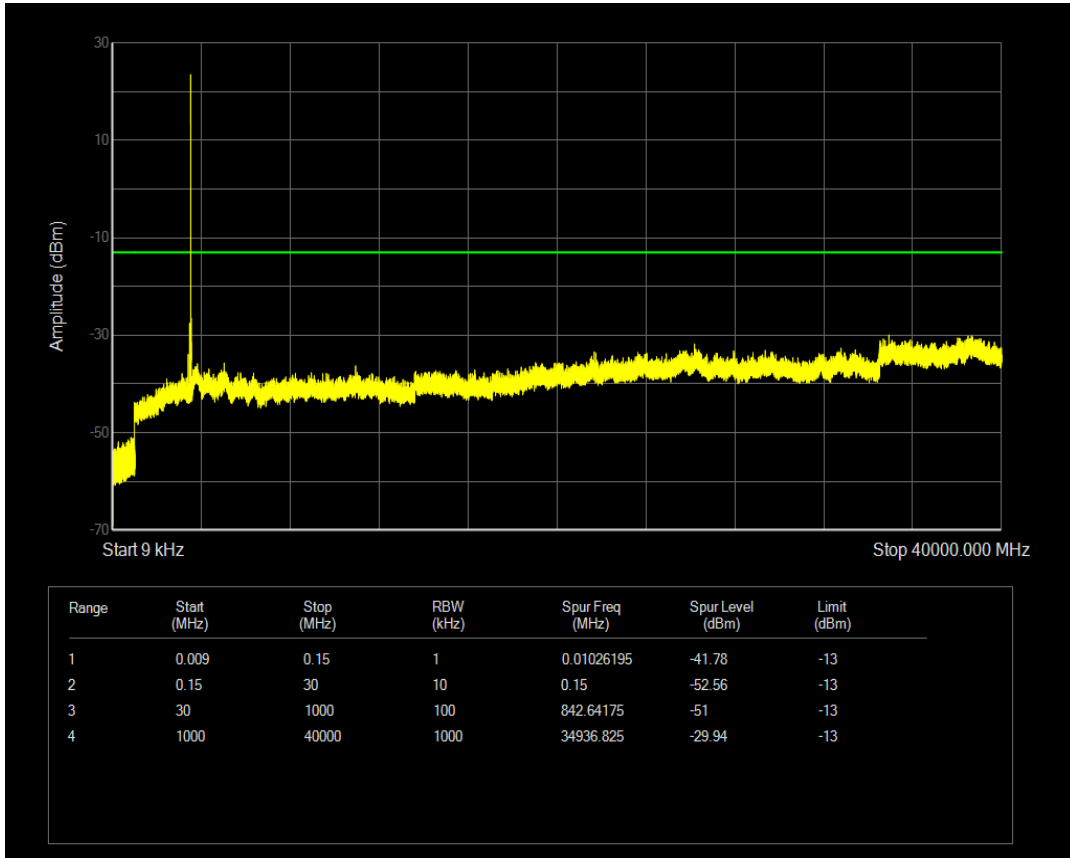
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=1@105



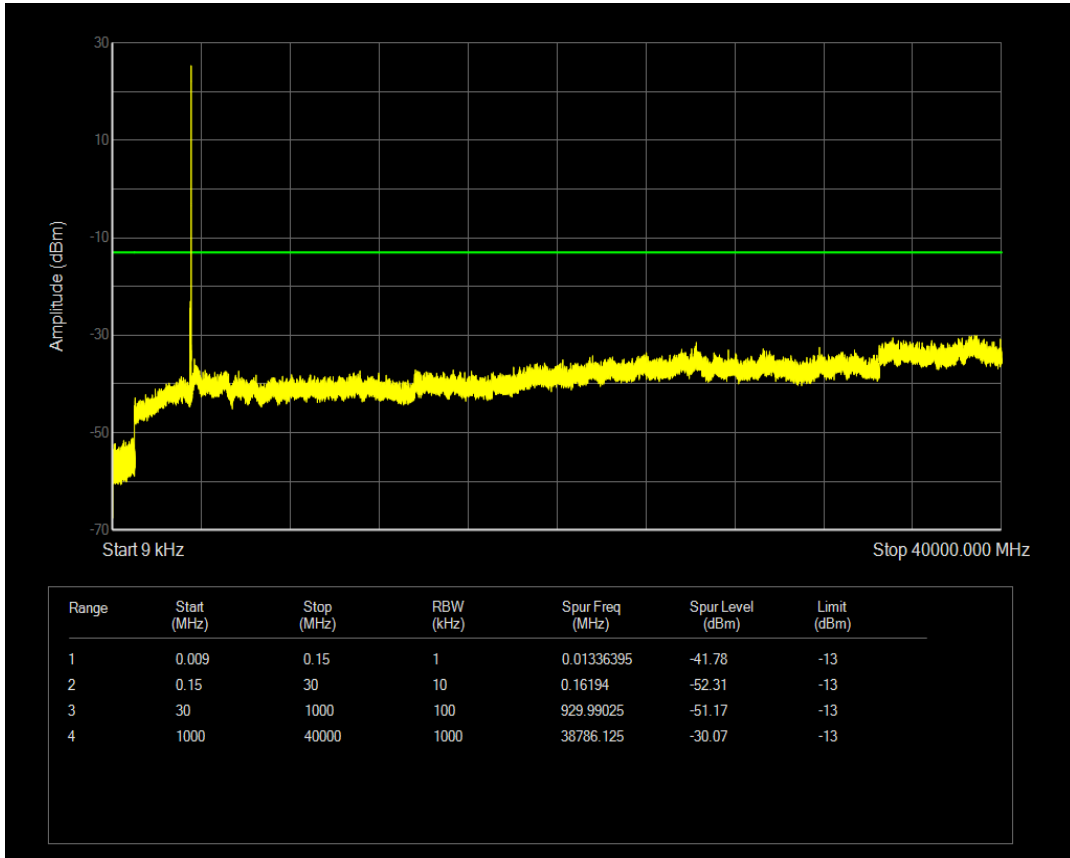
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=100@0



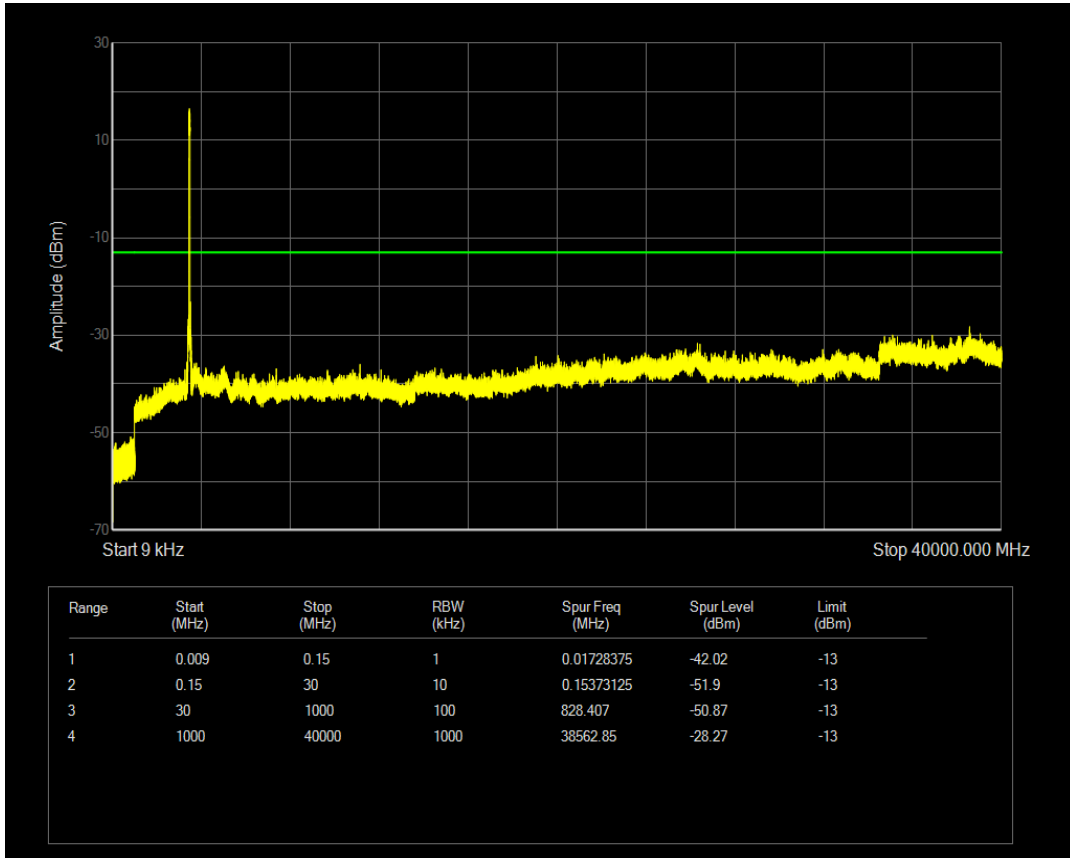
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=1 @0



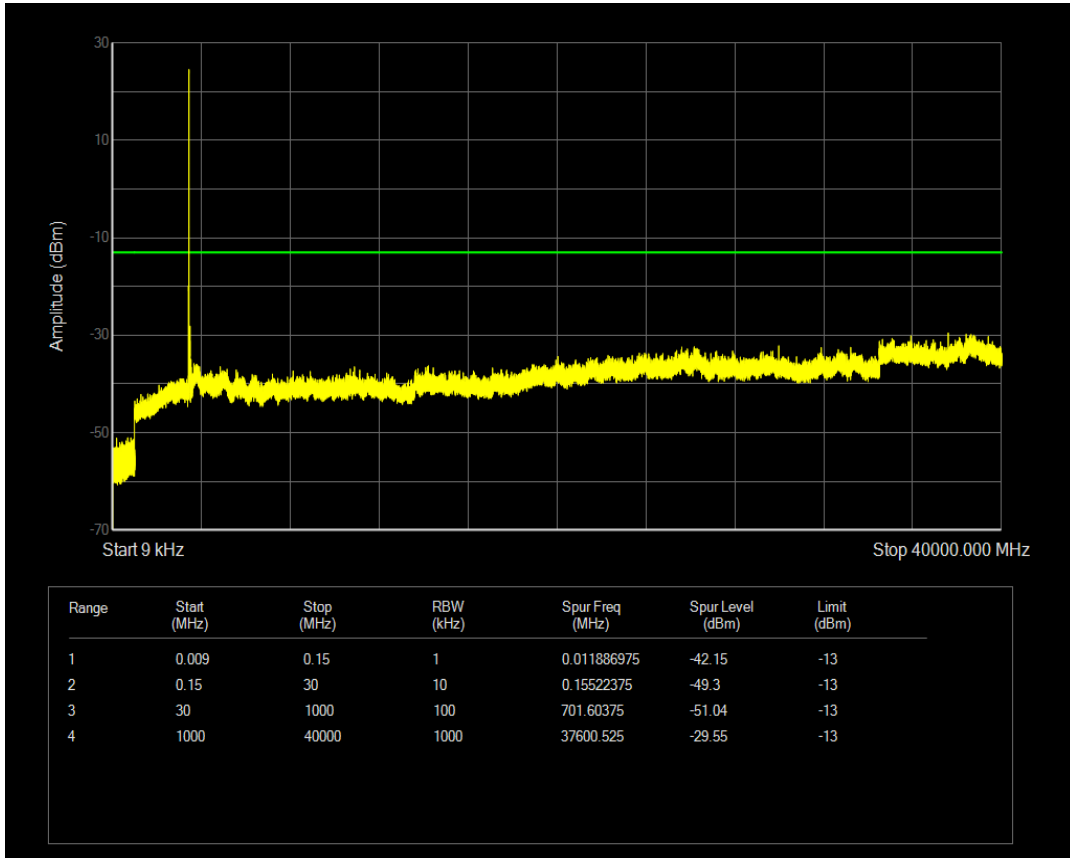
n78(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=1@105



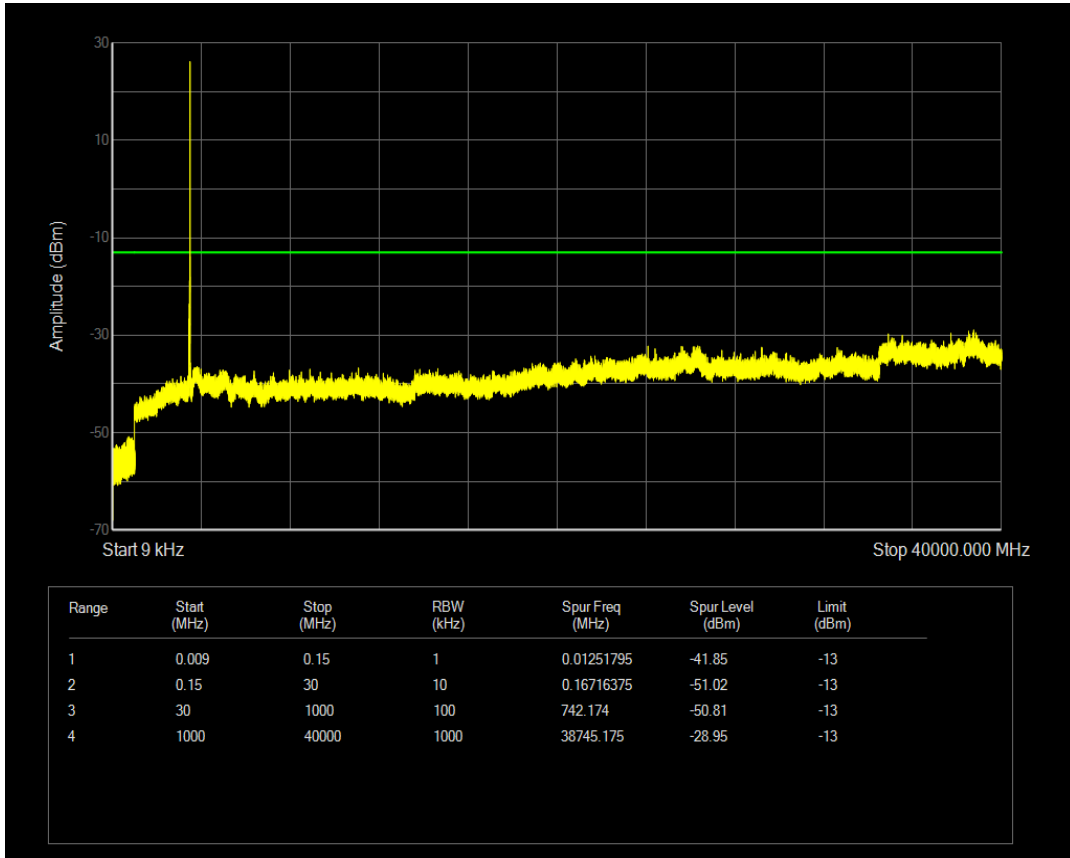
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



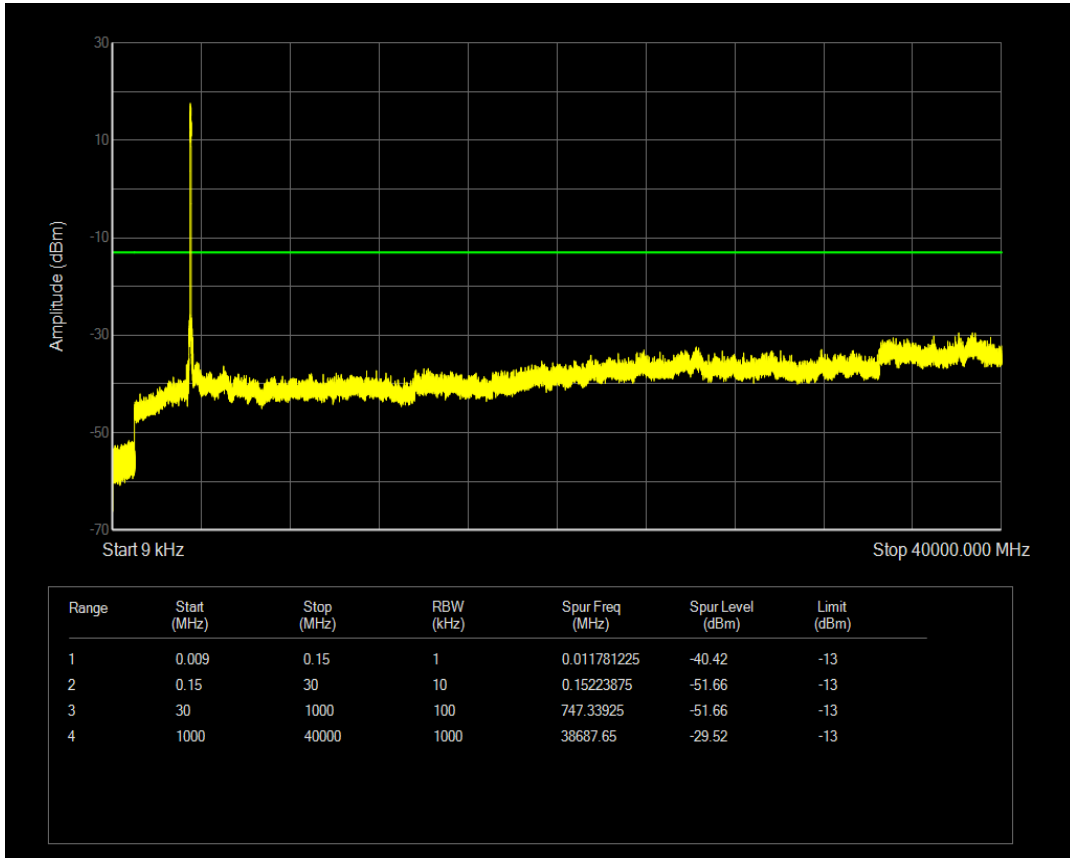
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1 @0



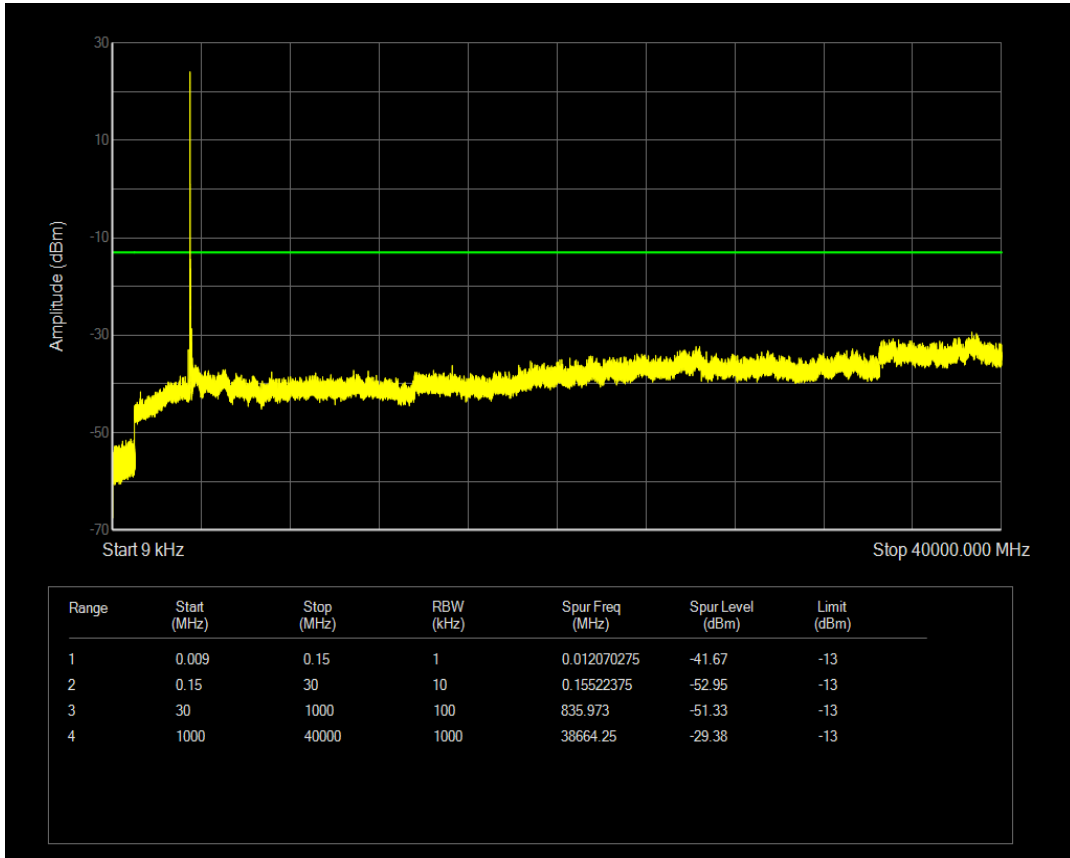
n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@269



n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=270@0



n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1 @0



n78(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1 @269

