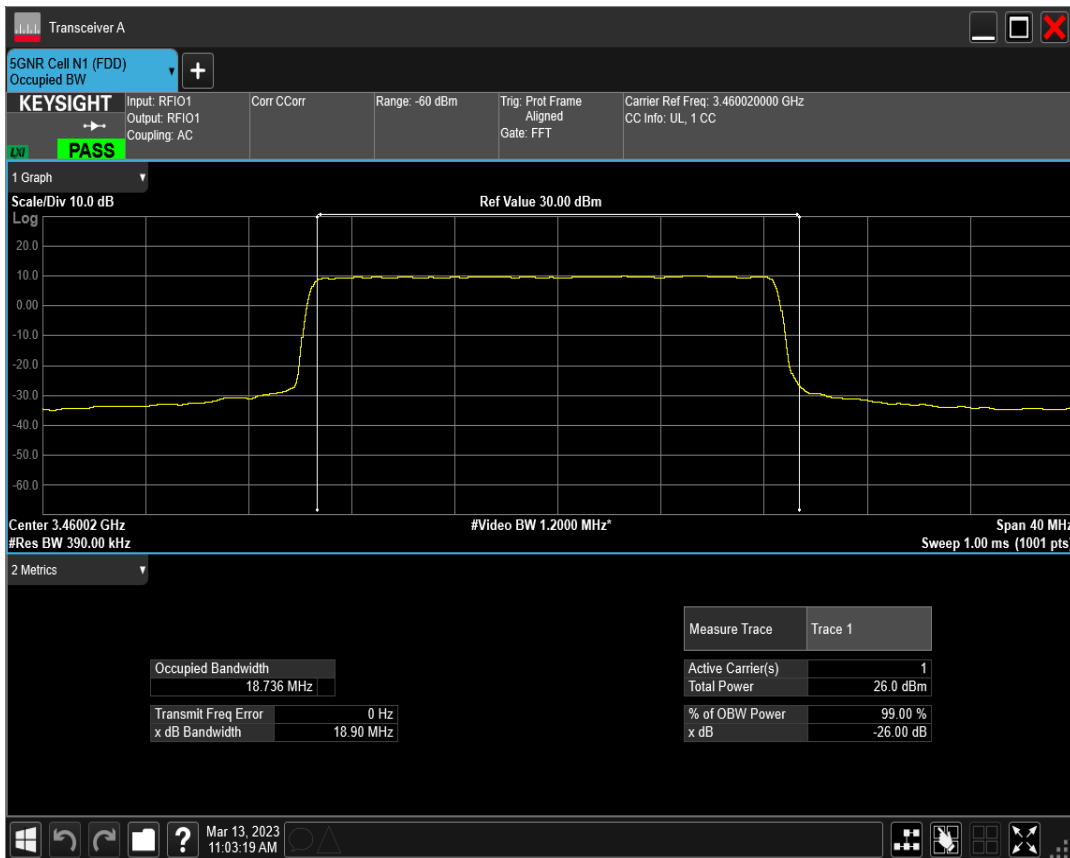


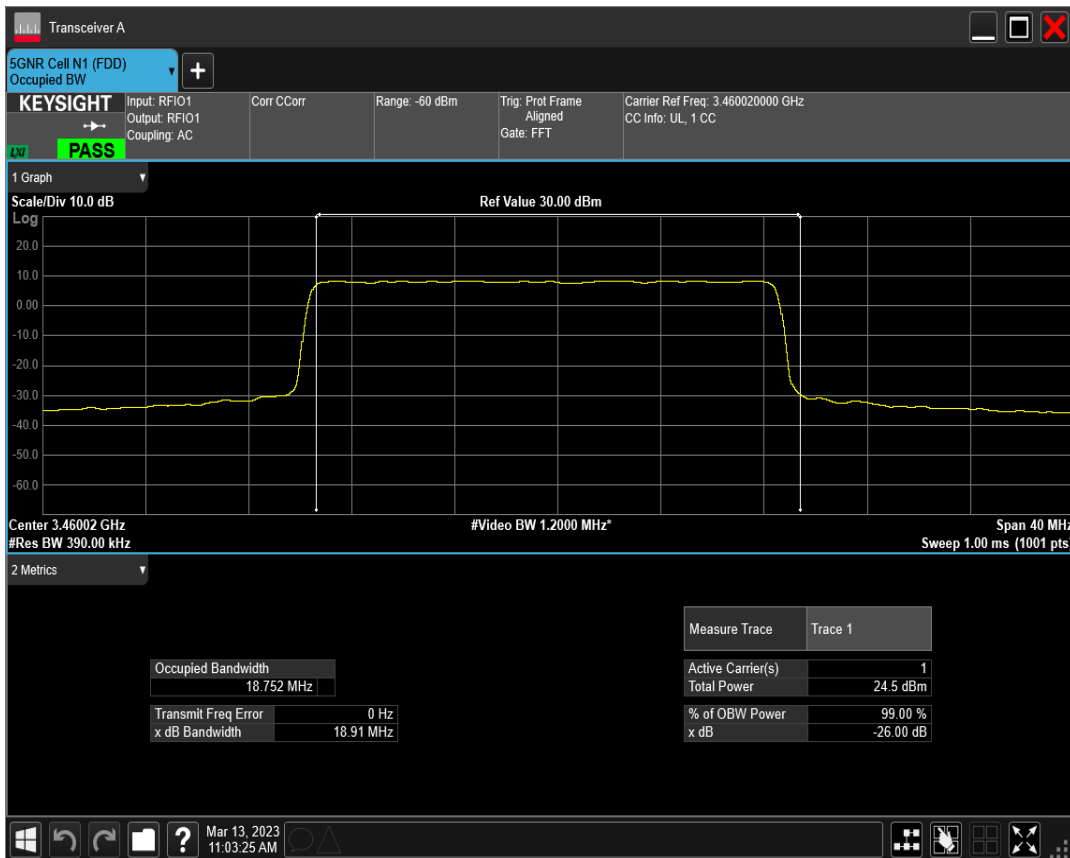
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=630668 RB=100@0



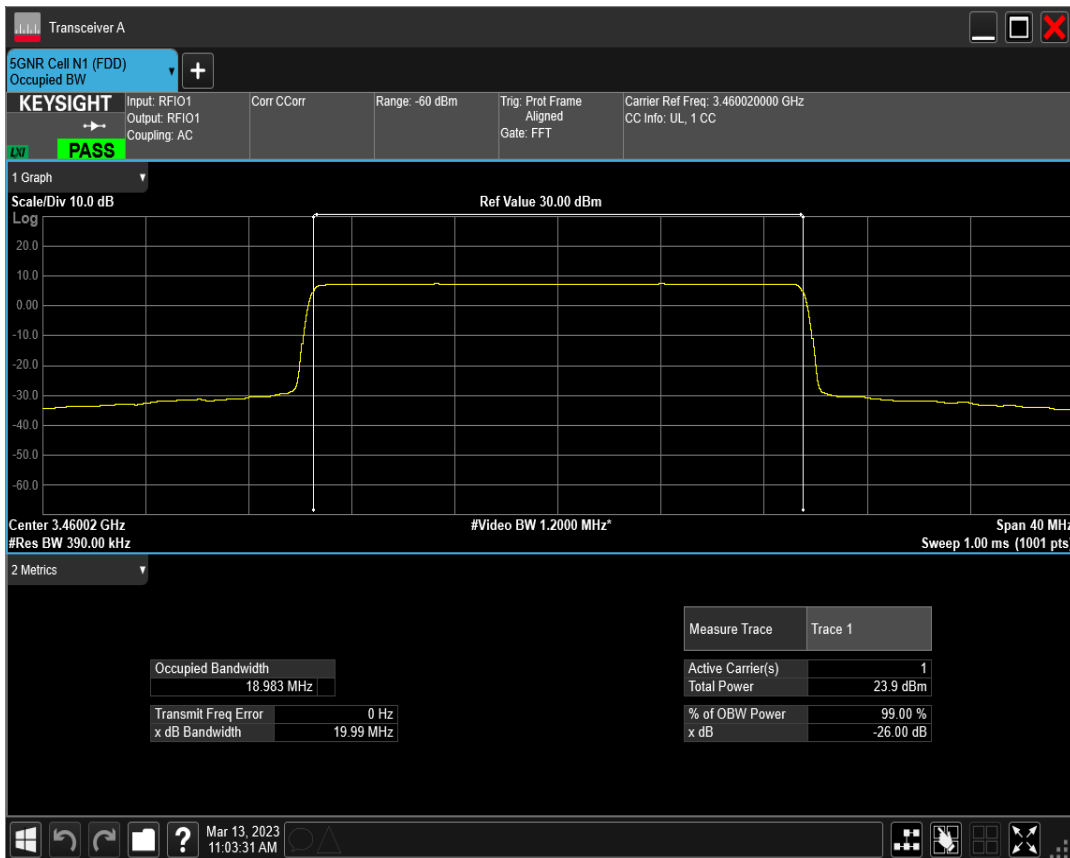
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=630668 RB=100@0



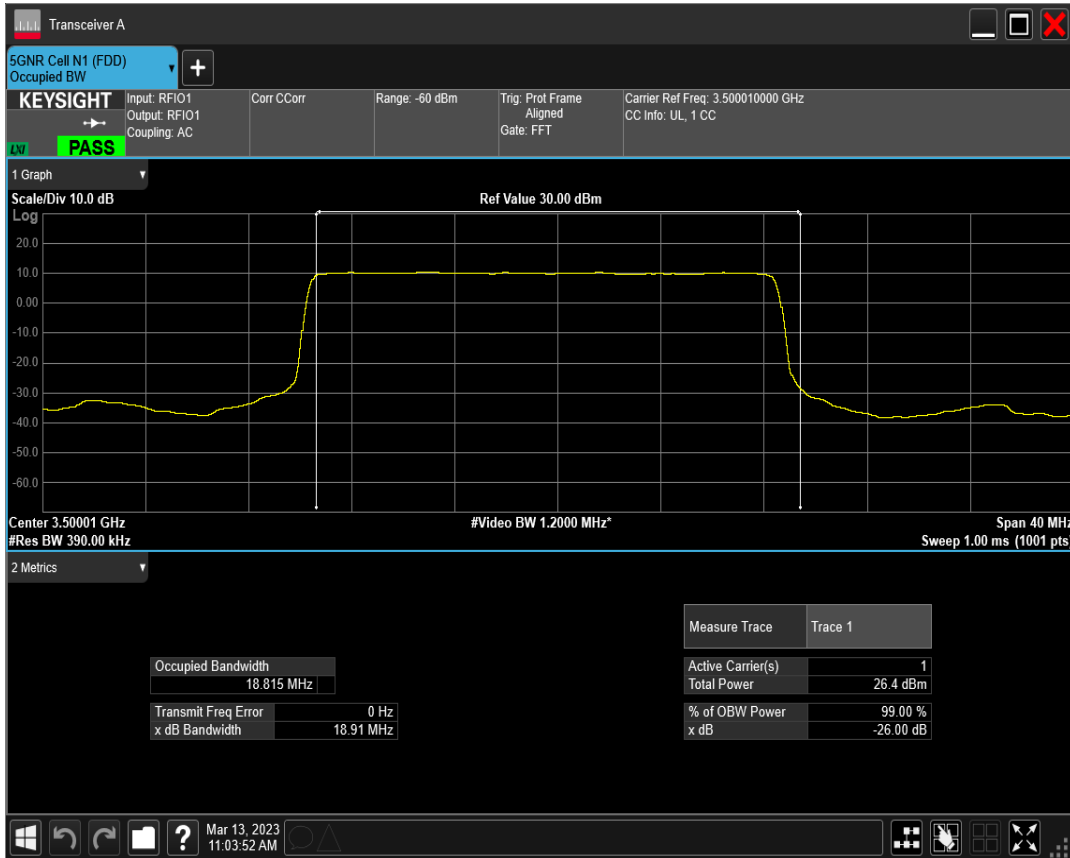
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=630668 RB=100@0



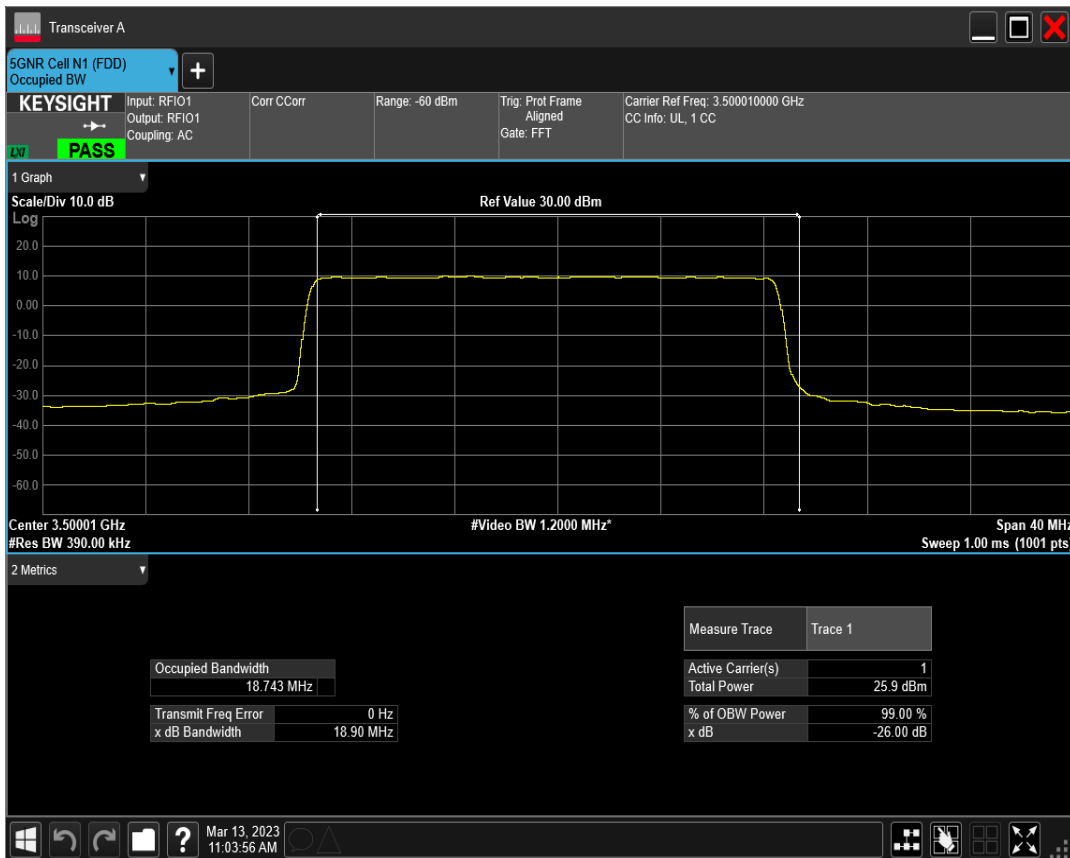
n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=630668 RB=106@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=633334 RB=100@0



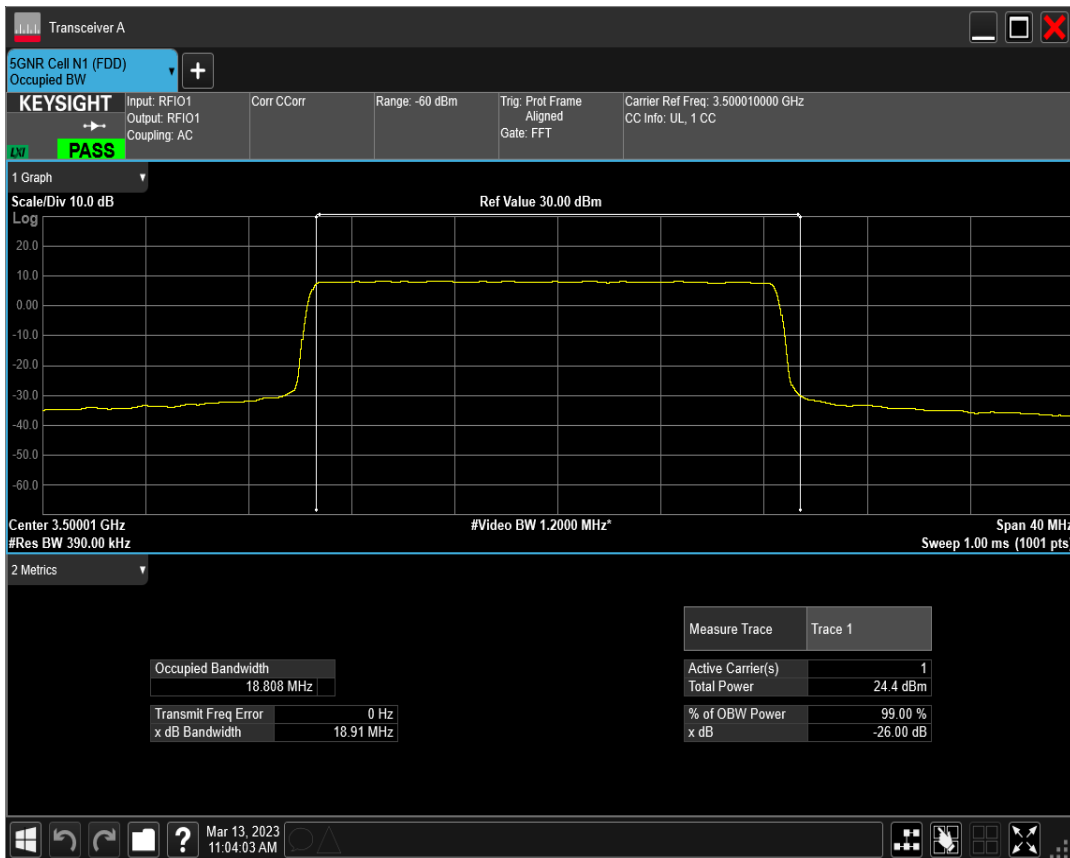
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=633334 RB=100@0



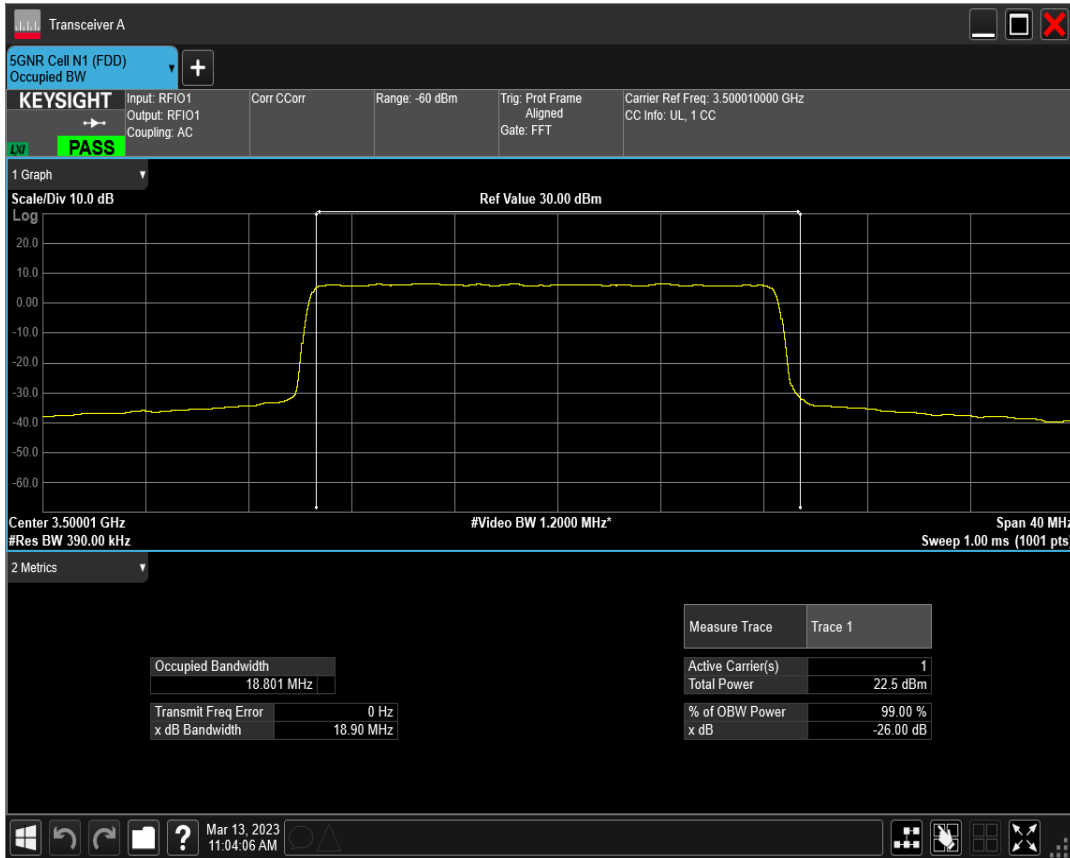
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=100@0



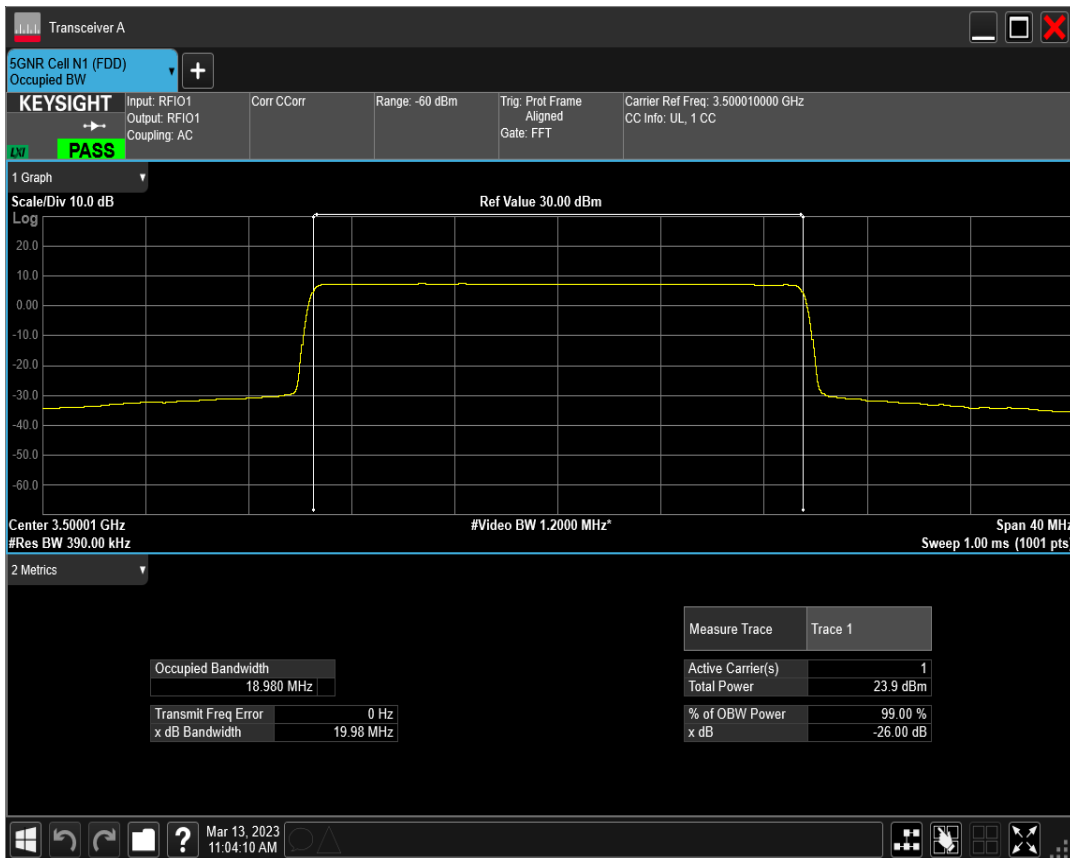
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=633334 RB=106@0



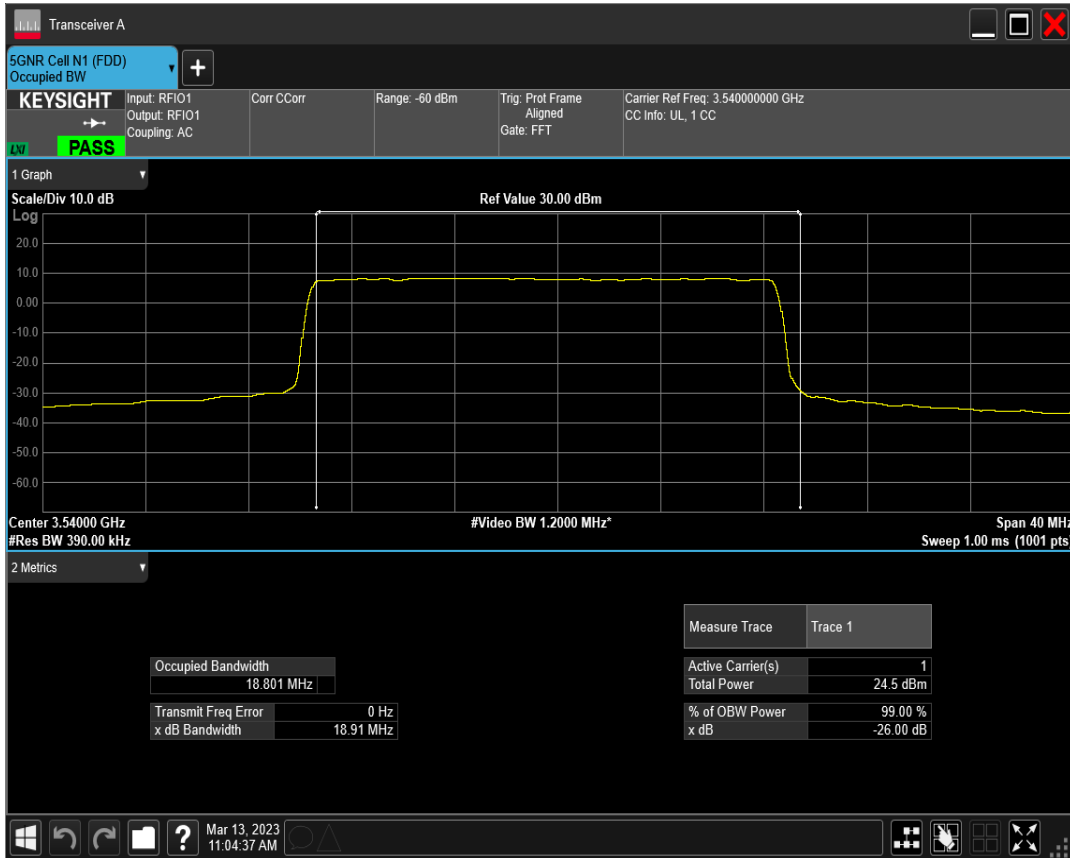
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=636000 RB=100@0



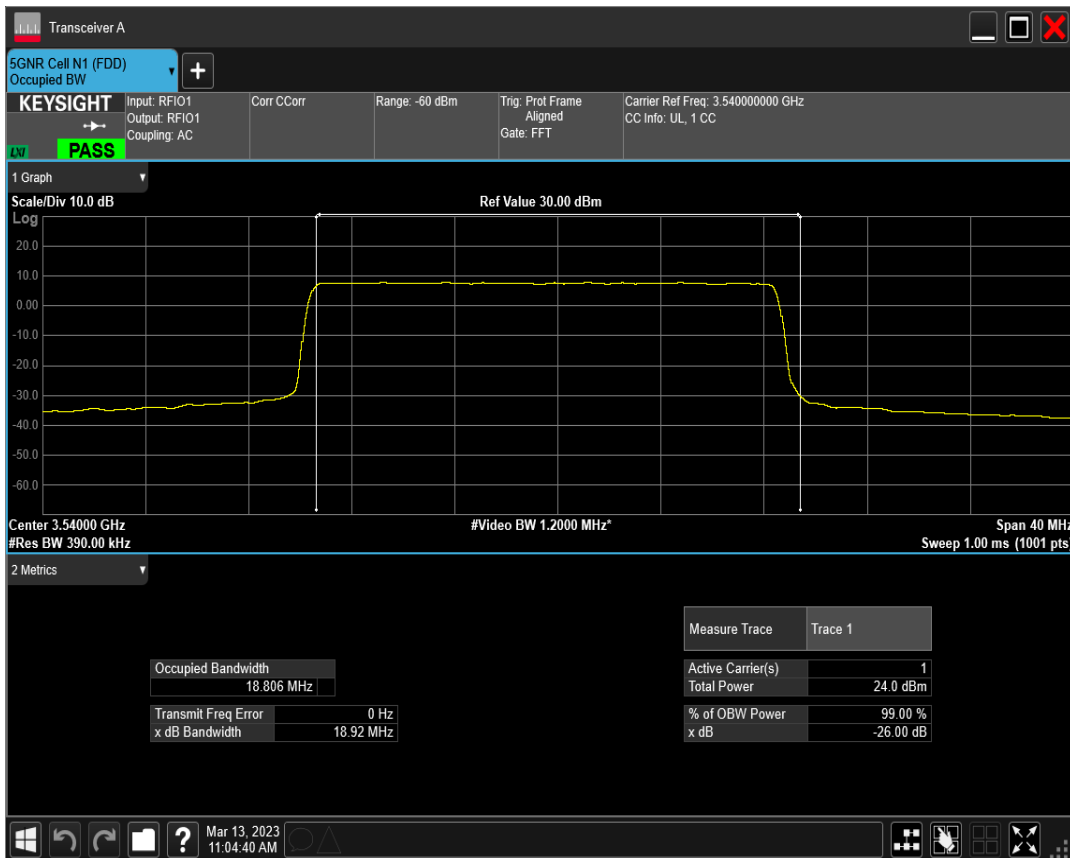
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=636000 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=636000 RB=100@0

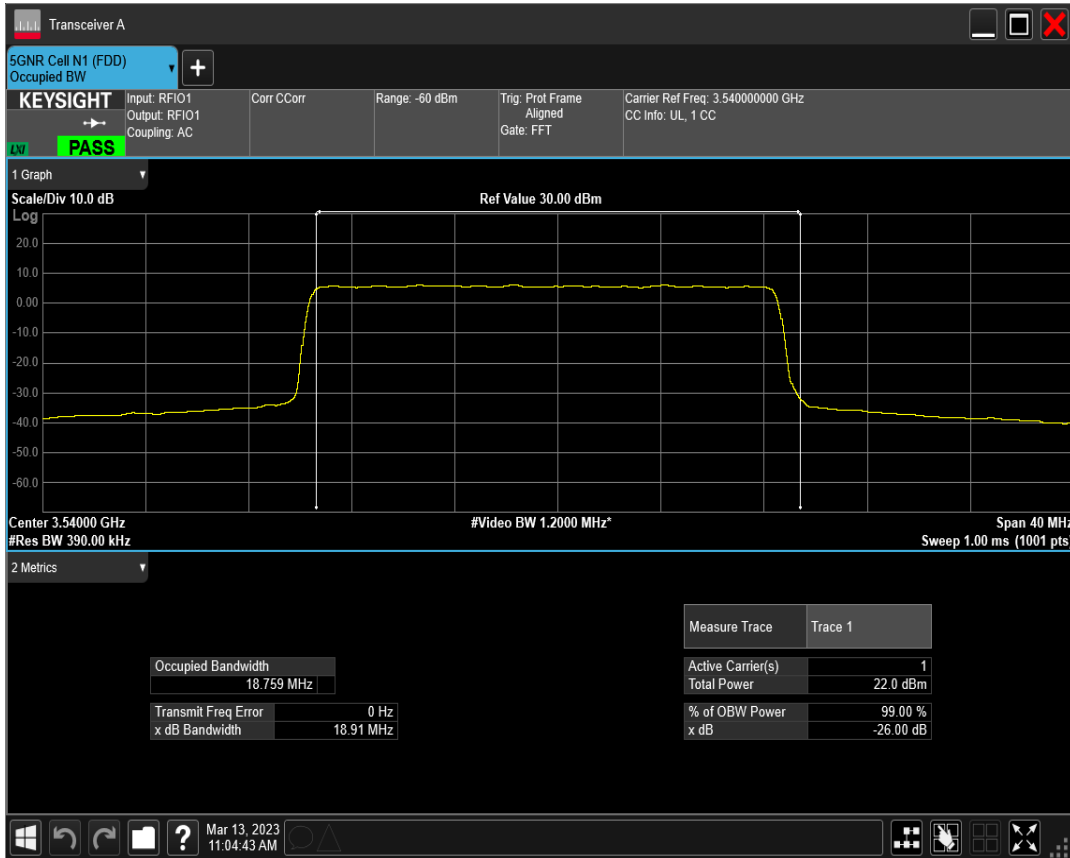


n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=100@0

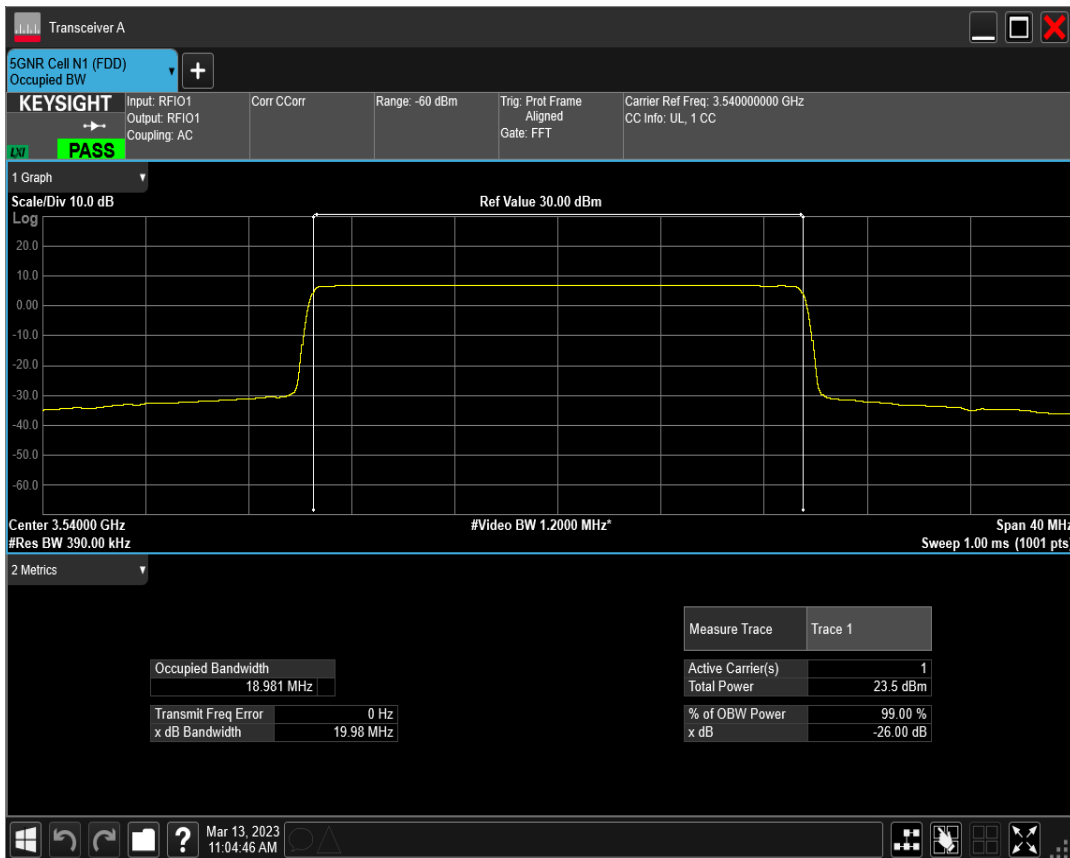


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=636000 RB=100@0





n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=636000 RB=106@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=631000 RB=160@0



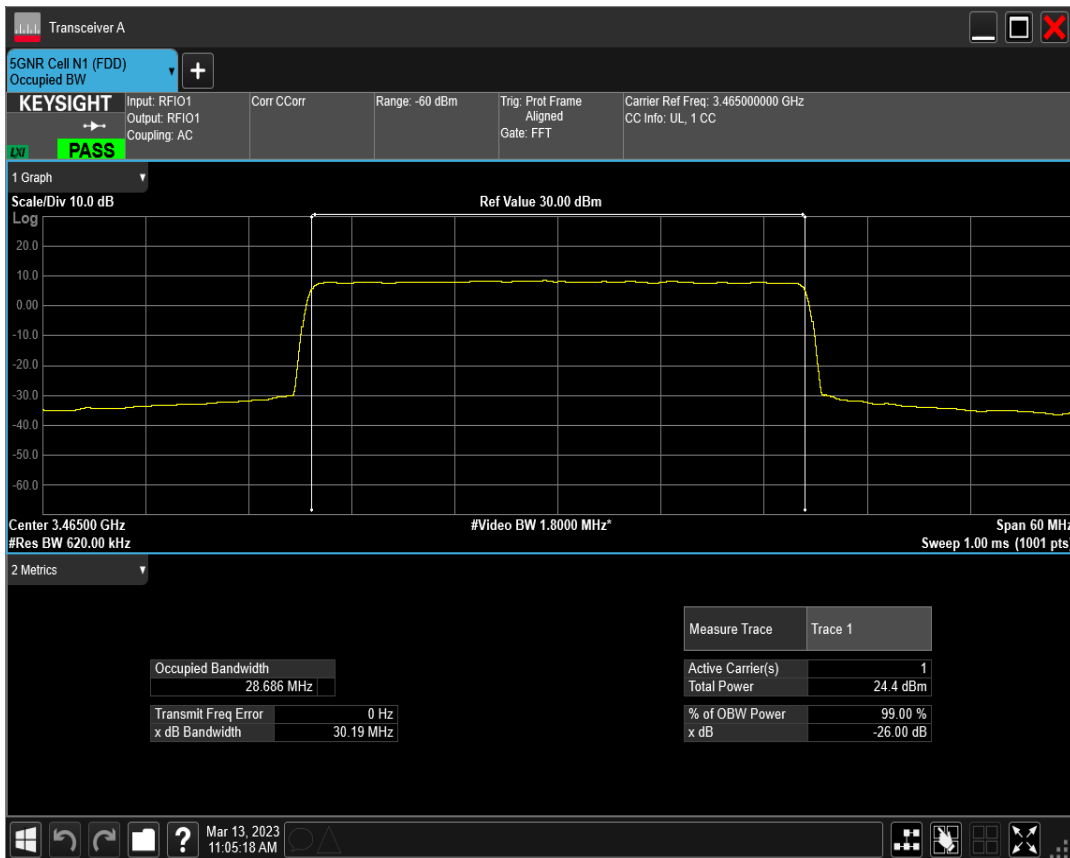
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=631000 RB=160@0



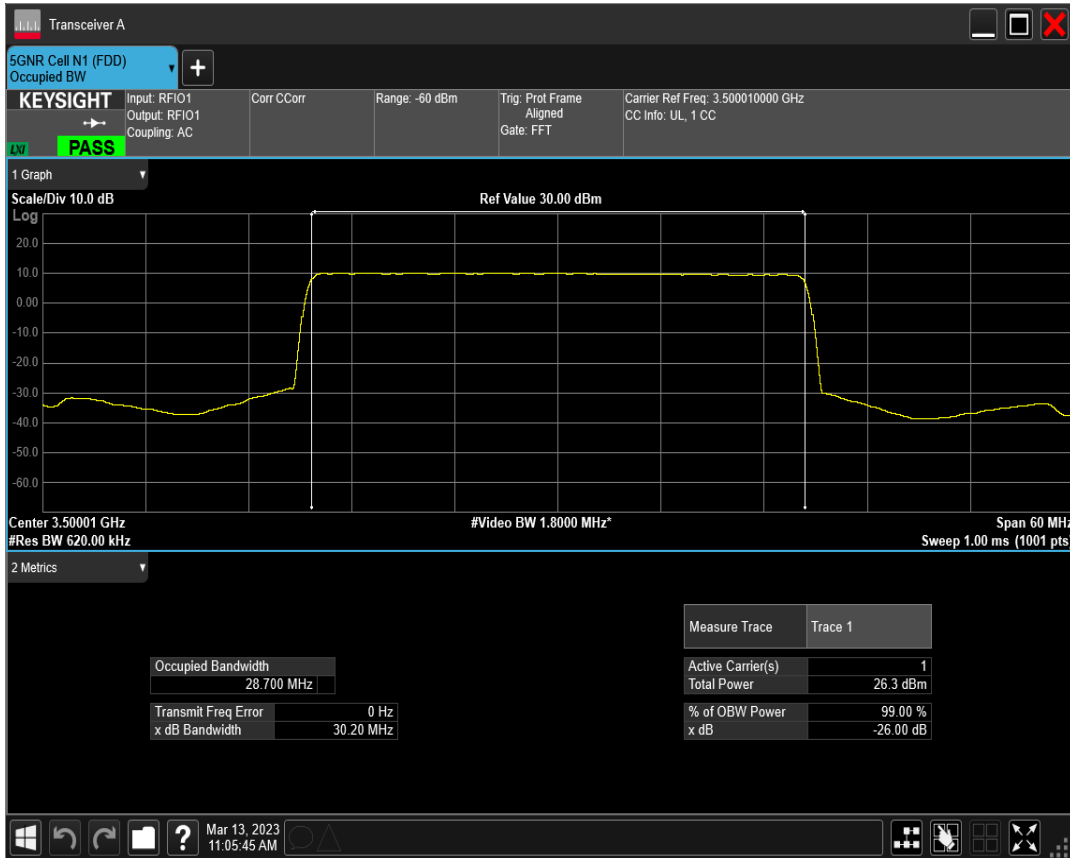
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=160@0



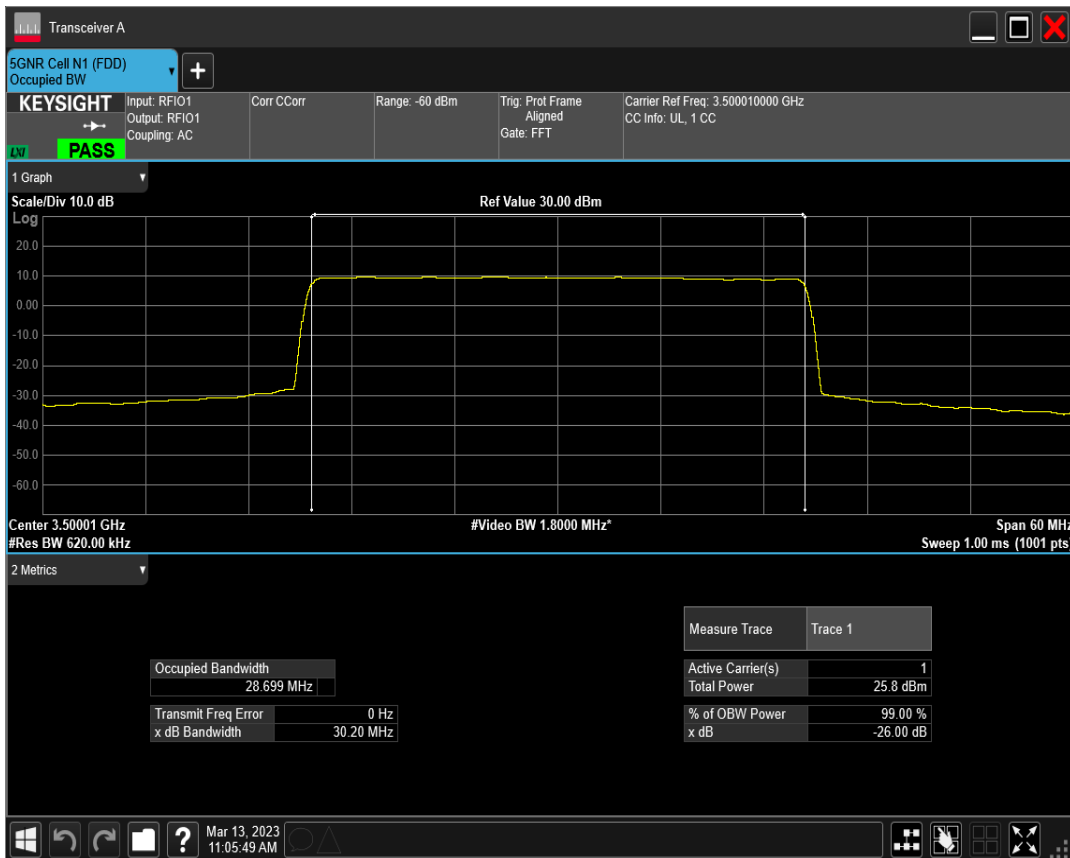
n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=633334 RB=160@0



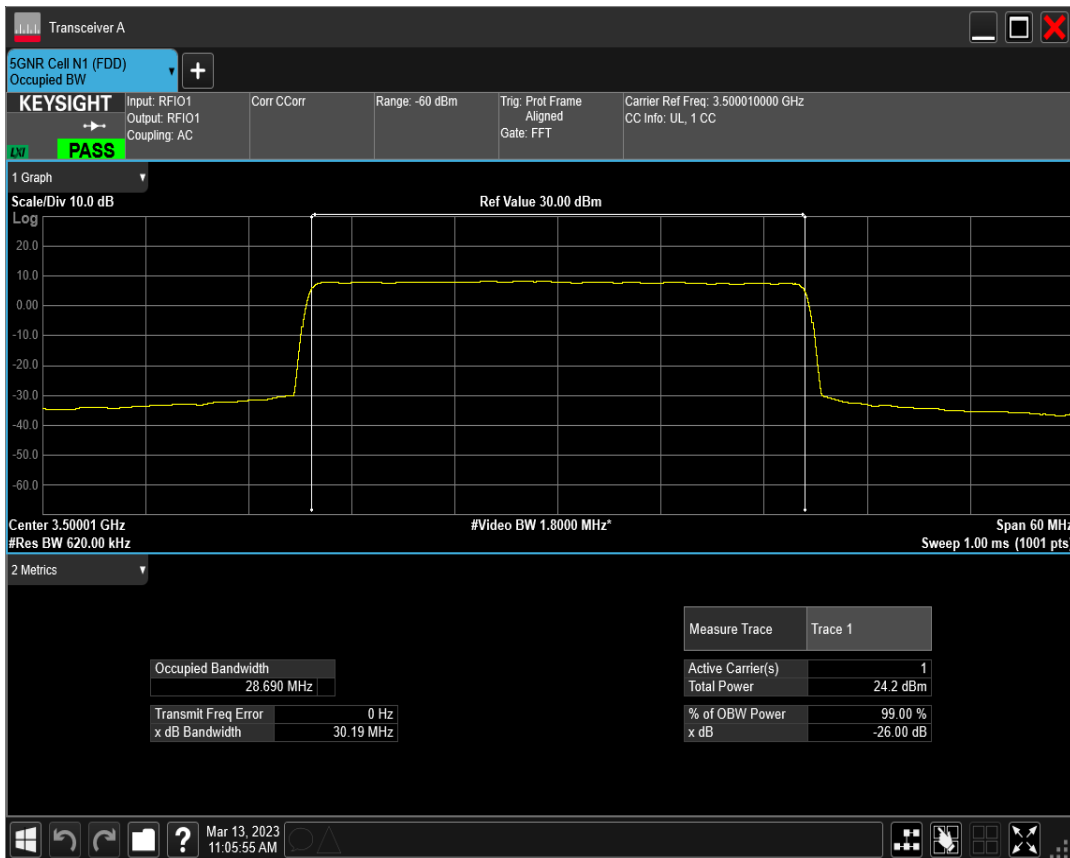
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=160@0



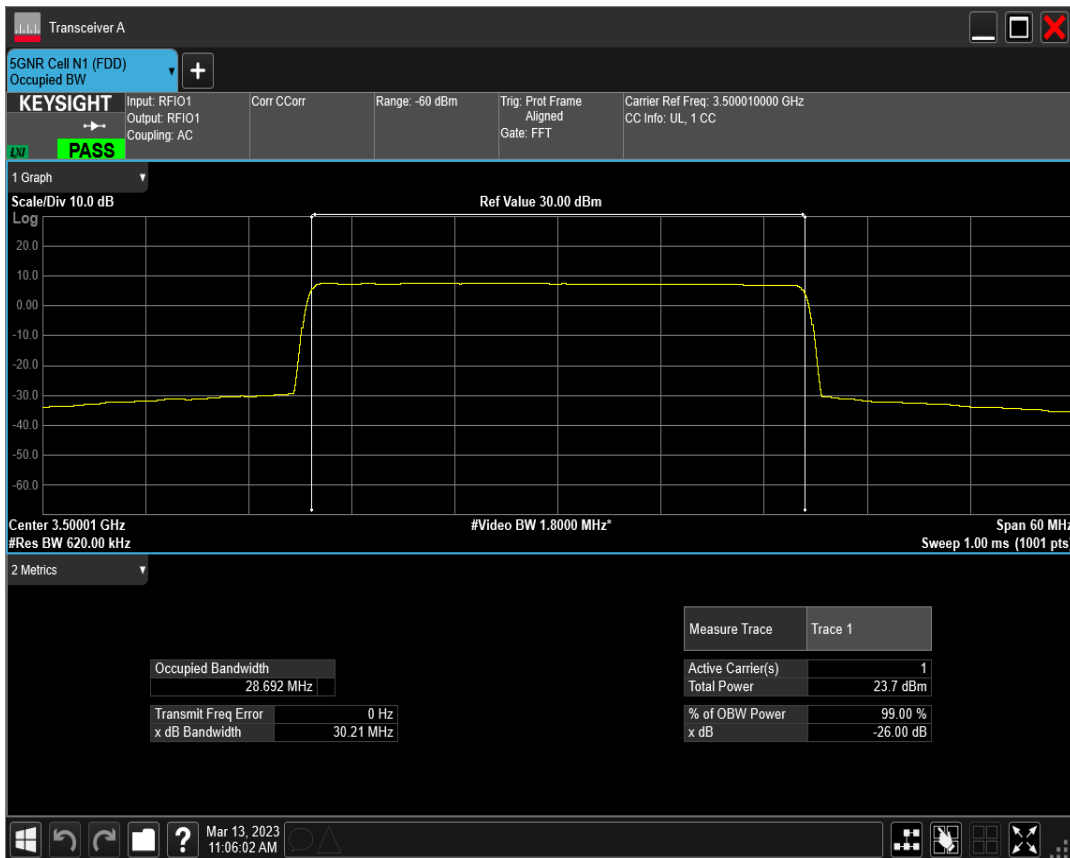
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=160@0



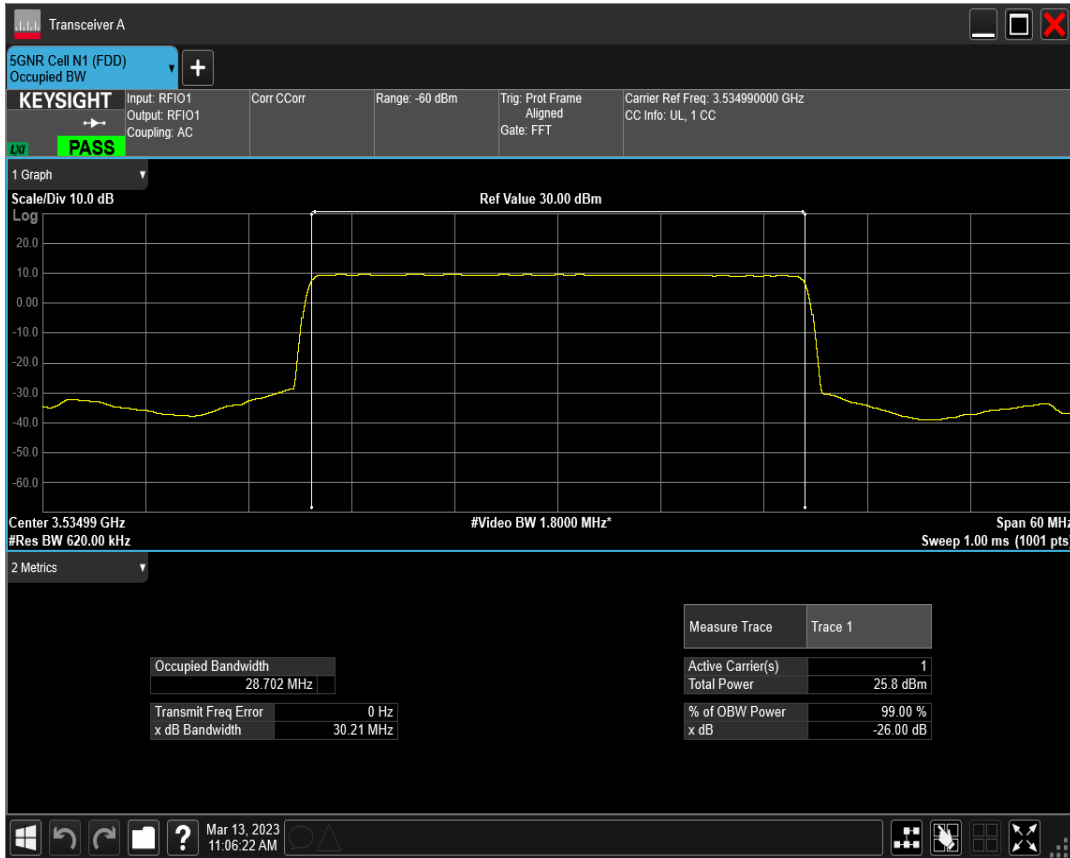
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=160@0



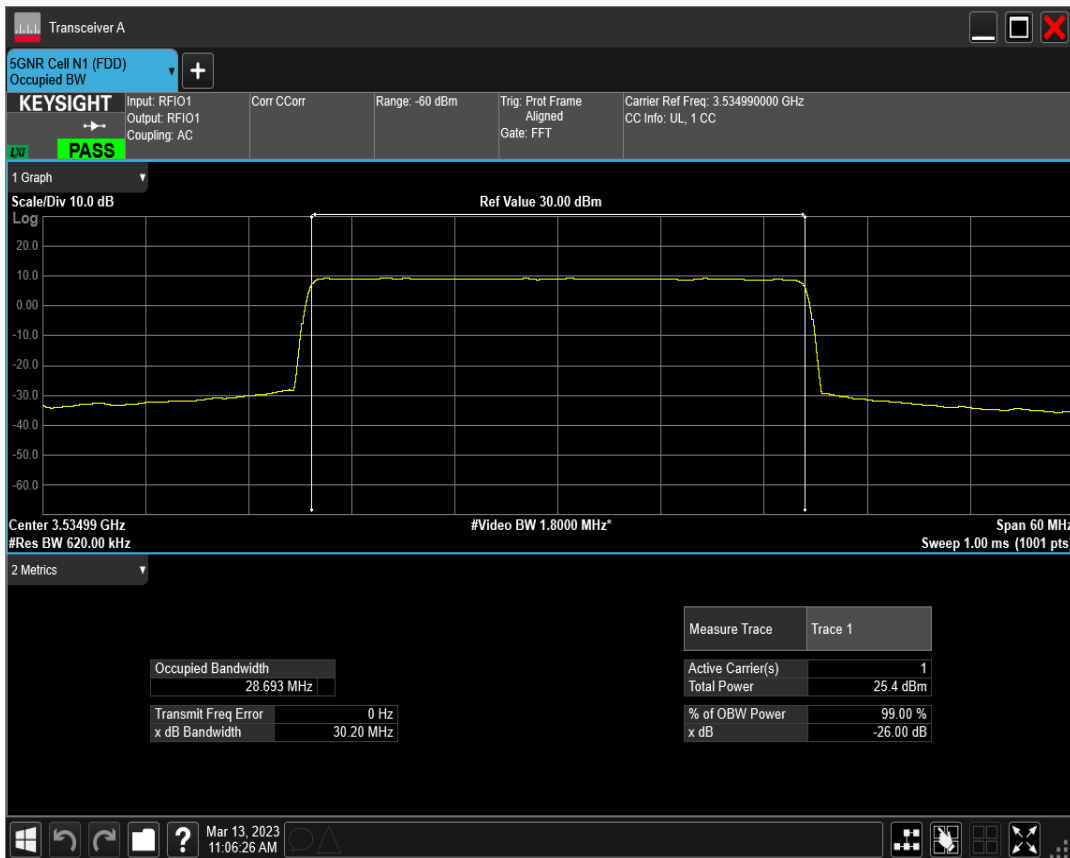
n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=635666 RB=160@0





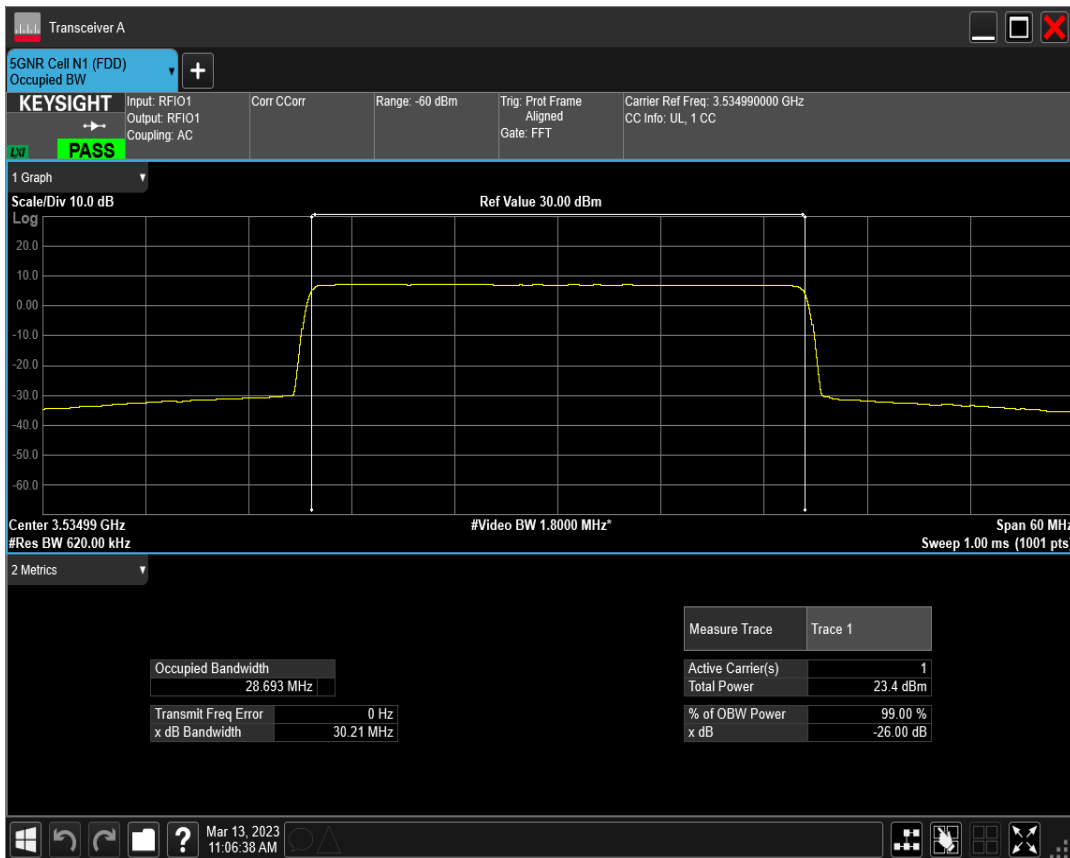
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=160@0



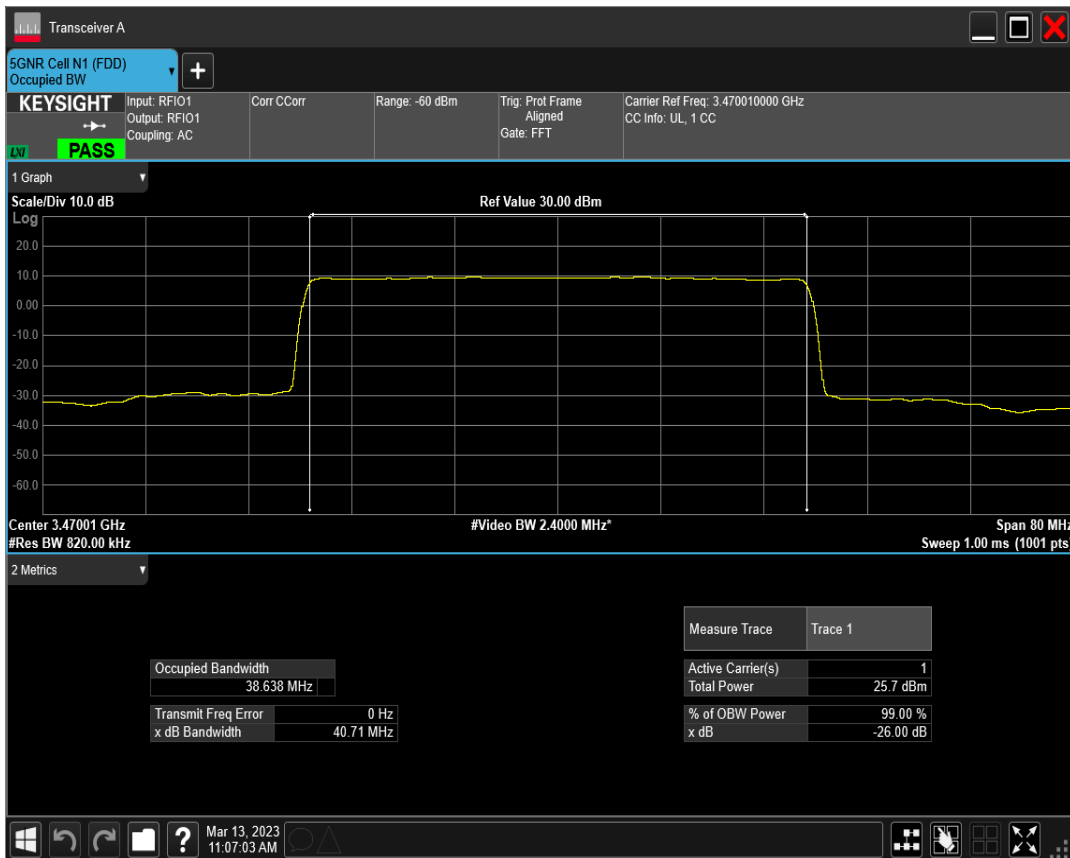
n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=631334 RB=216@0



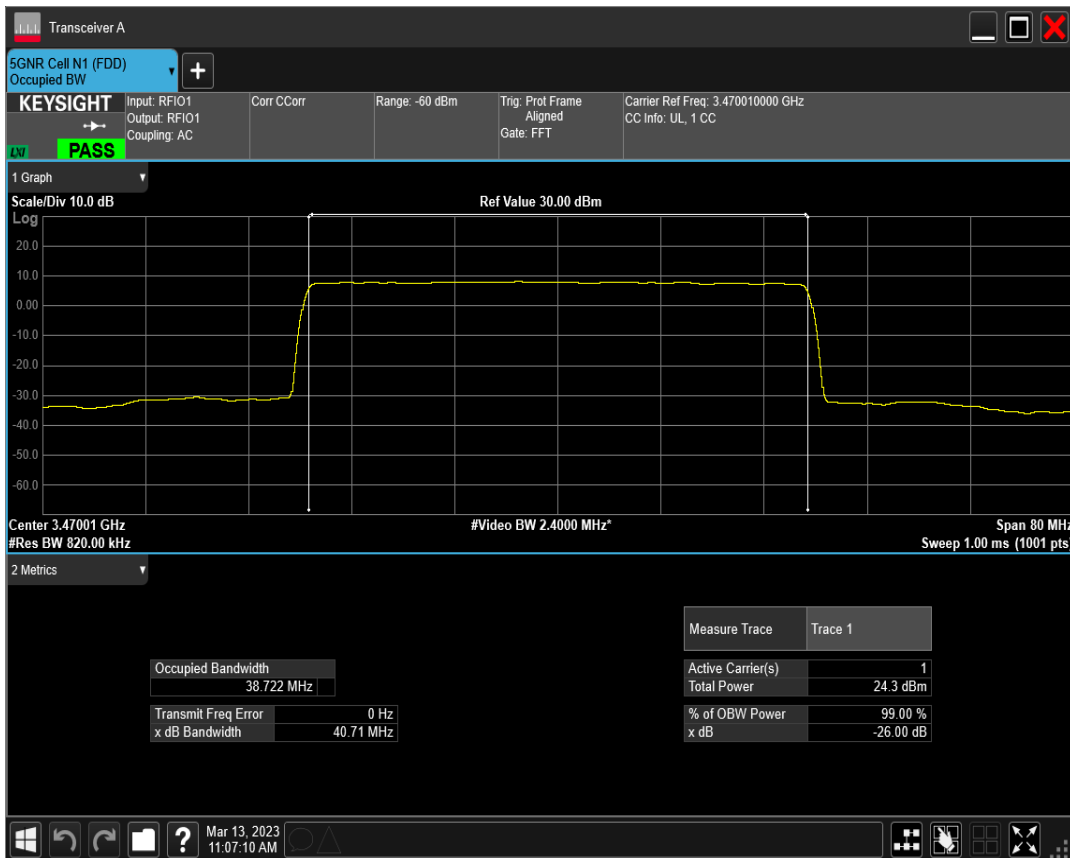
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=631334 RB=216@0



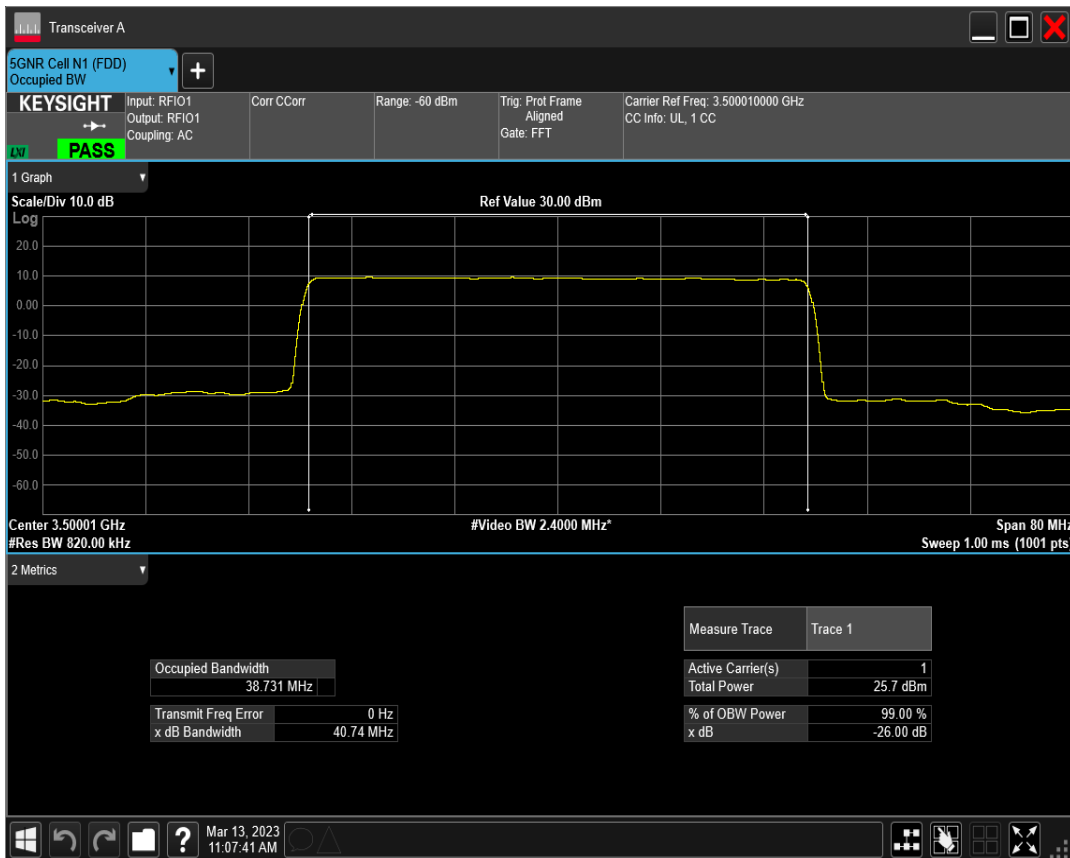
n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=633334 RB=216@0



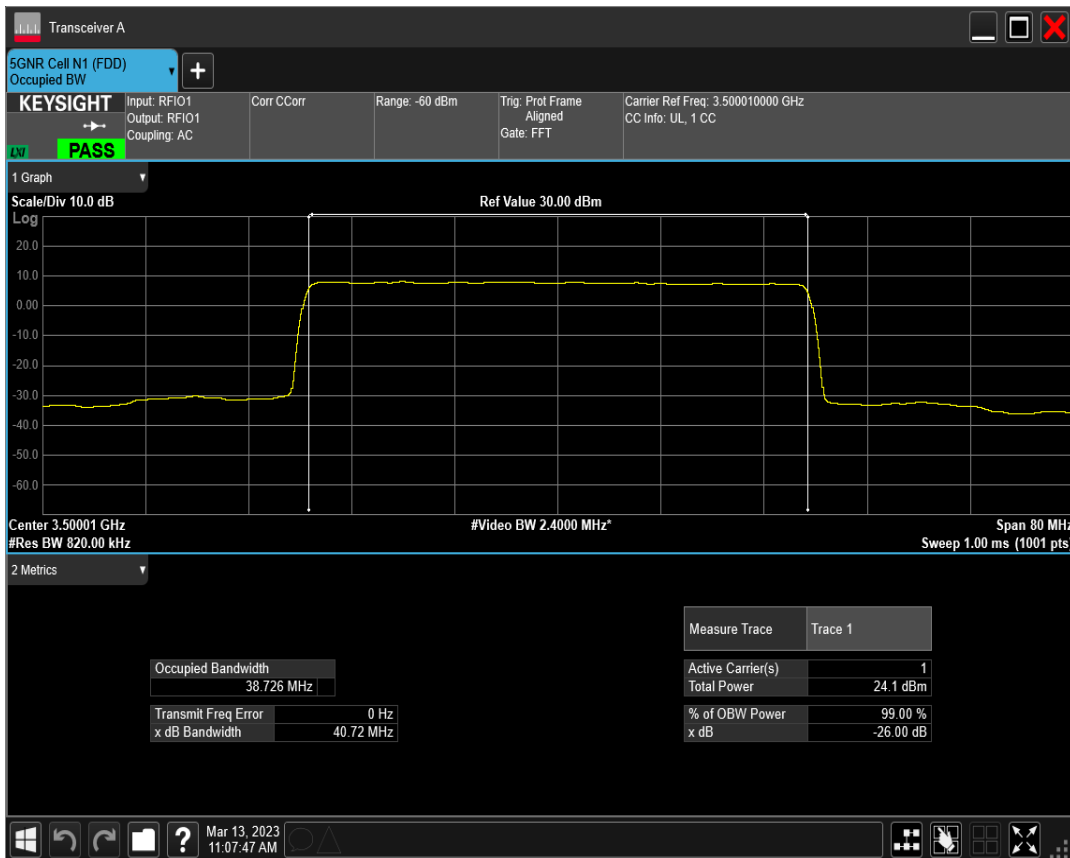
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=216@0

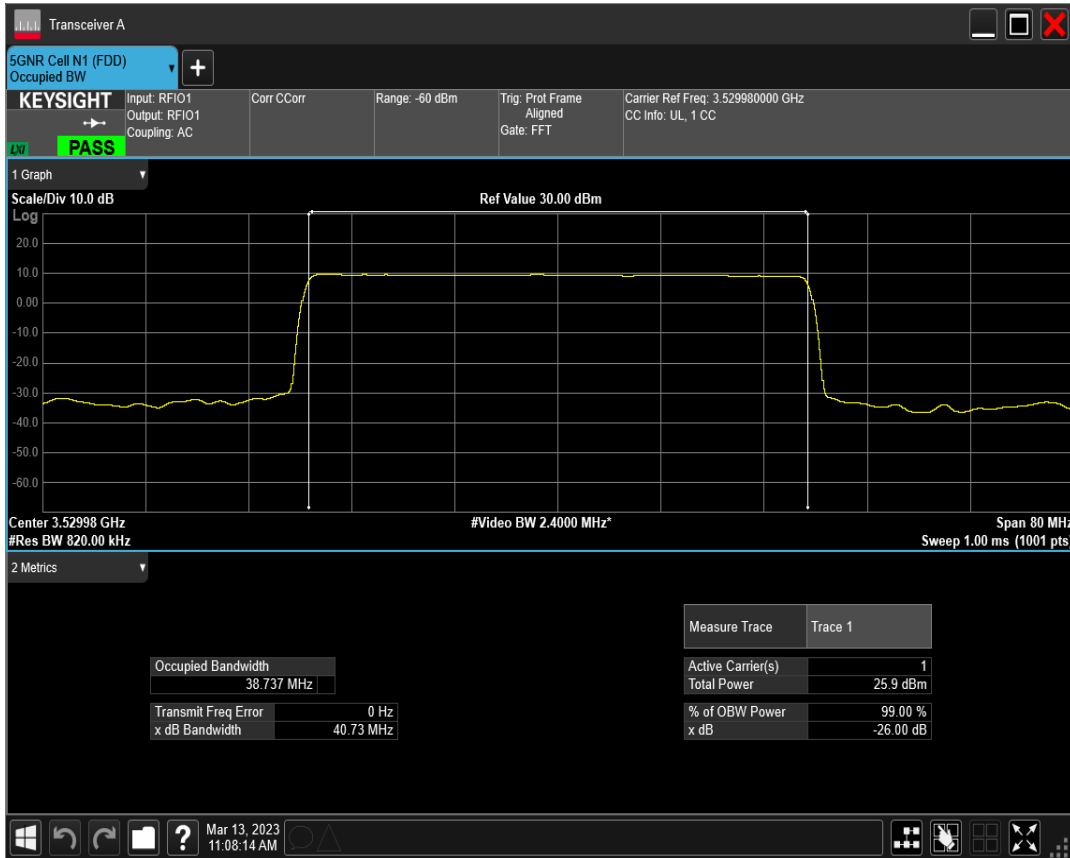


n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=635332 RB=216@0





n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=635332 RB=216@0



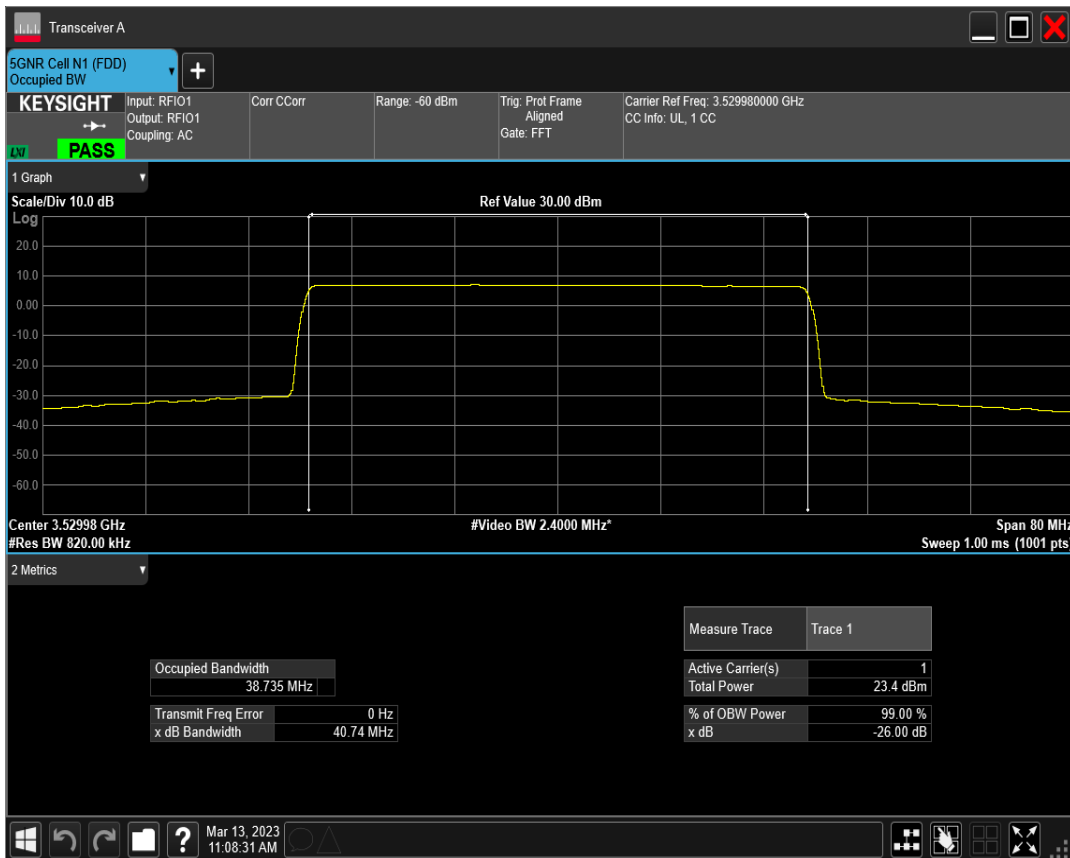
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=216@0



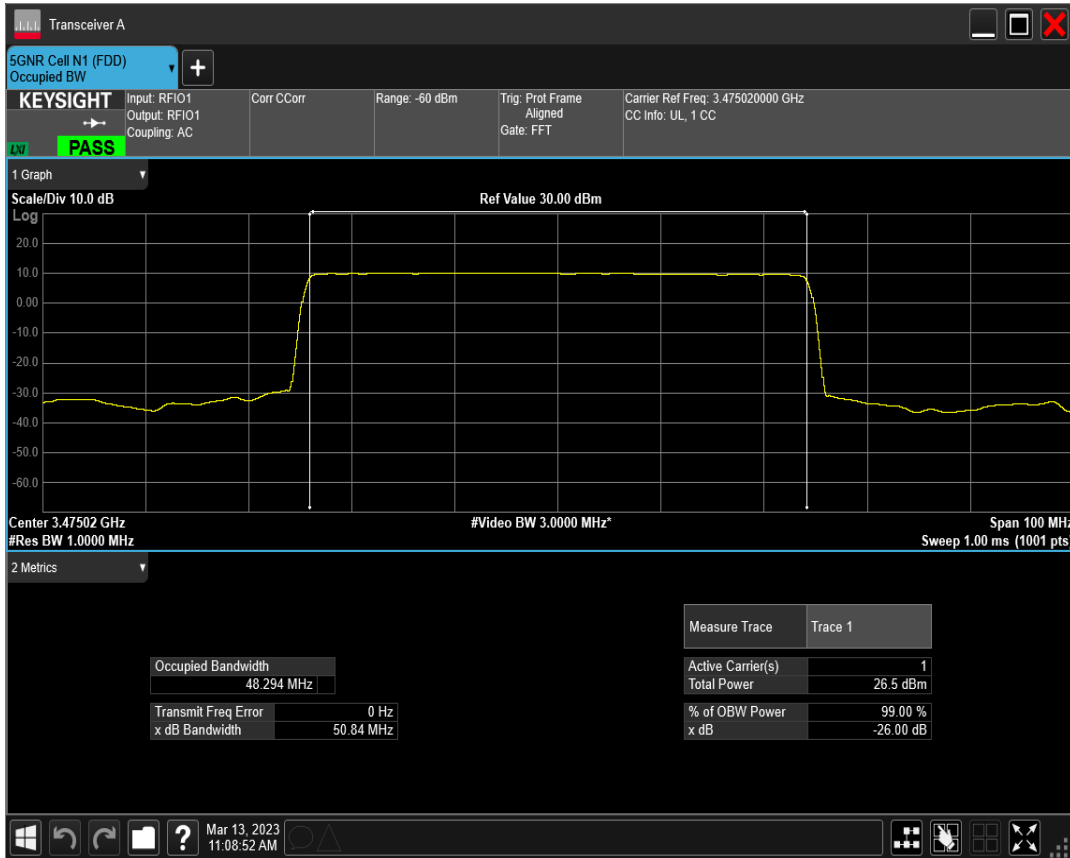
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=216@0



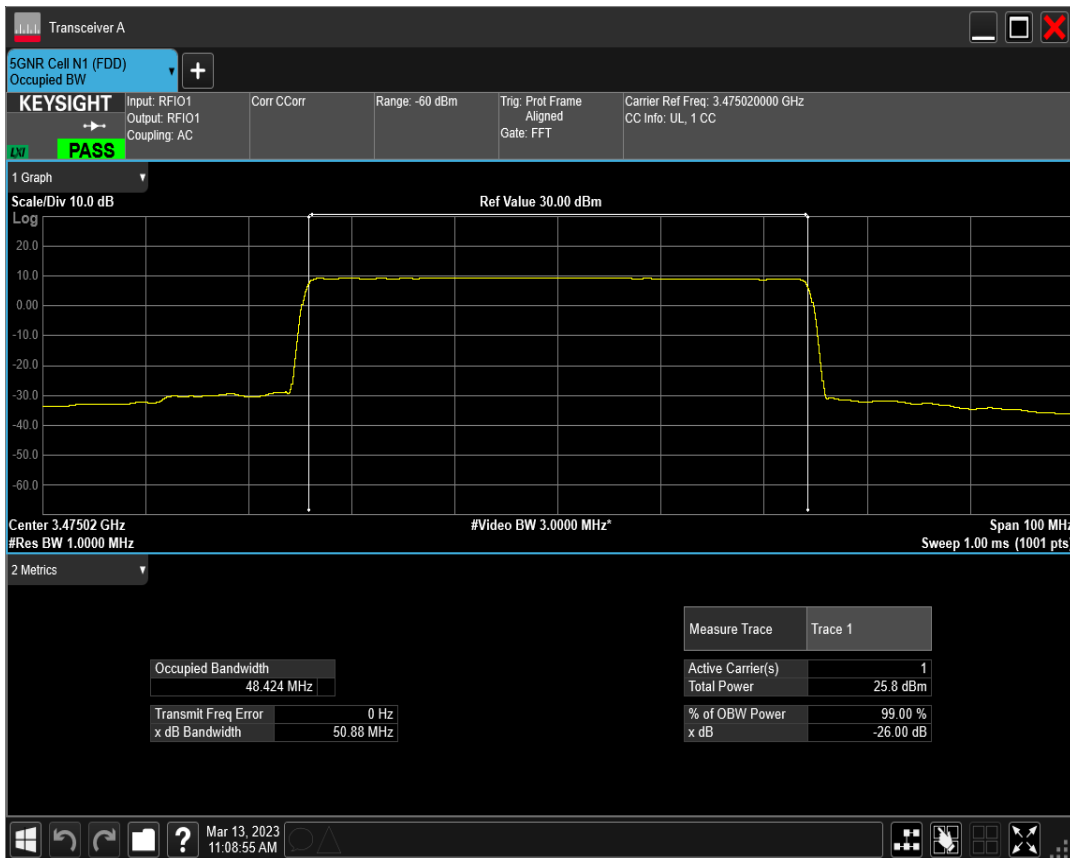
n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=631668 RB=270@0



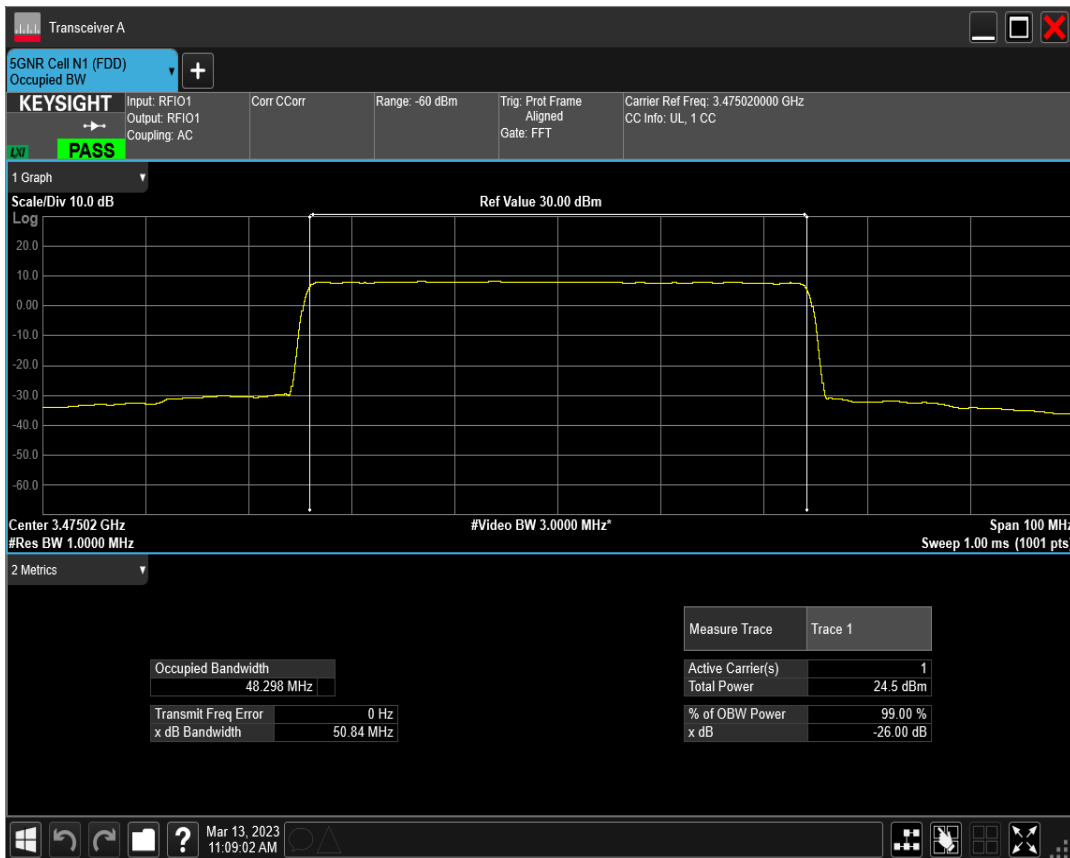
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=270@0



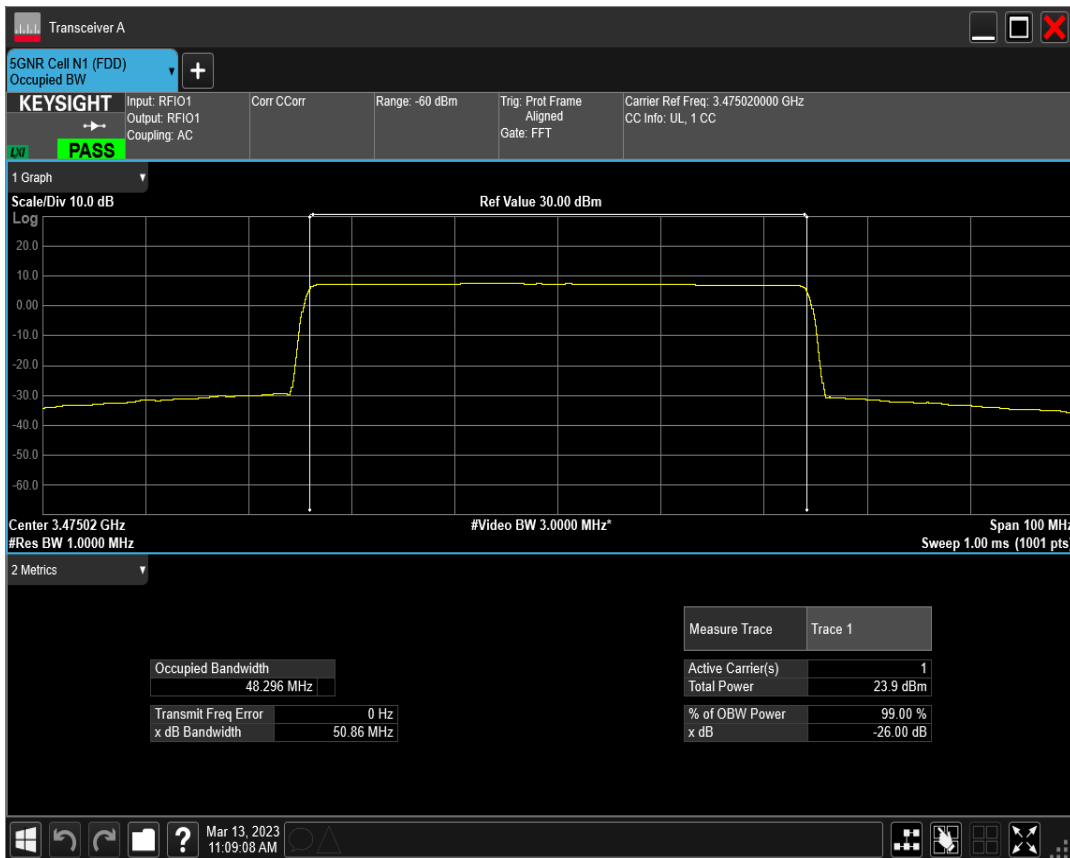
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=270@0



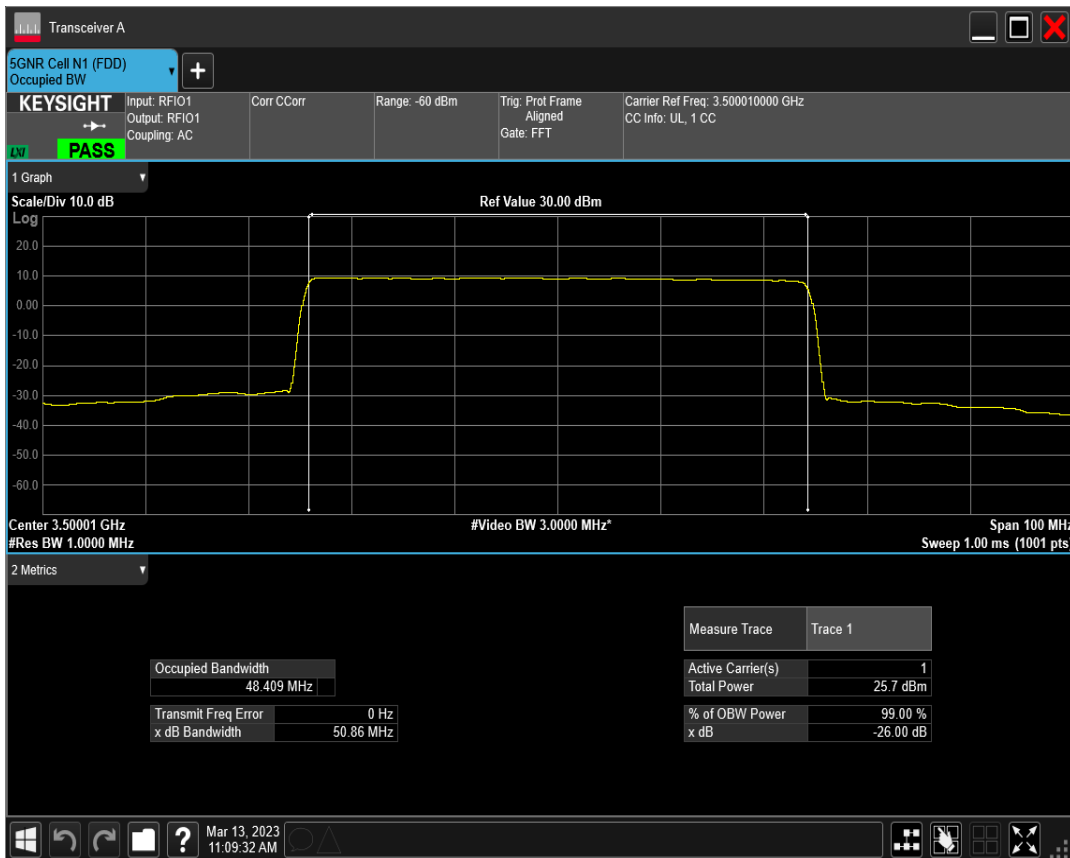
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=633334 RB=270@0



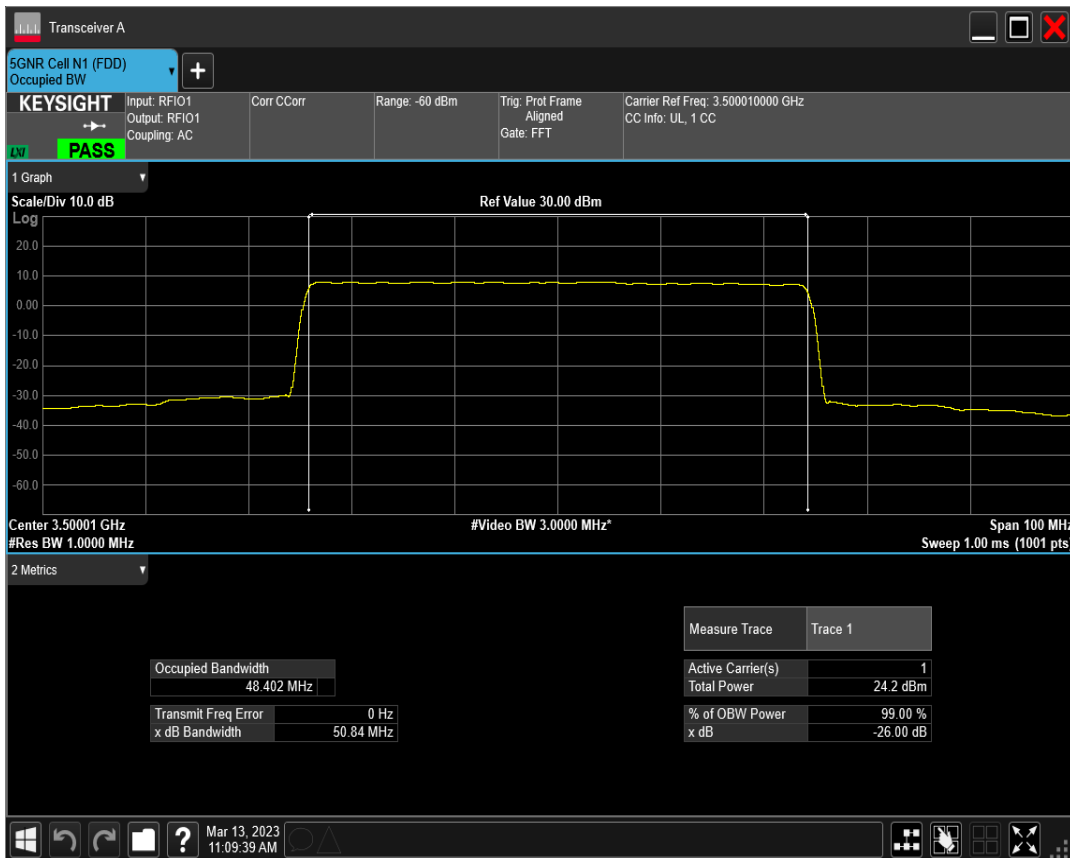
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=270@0

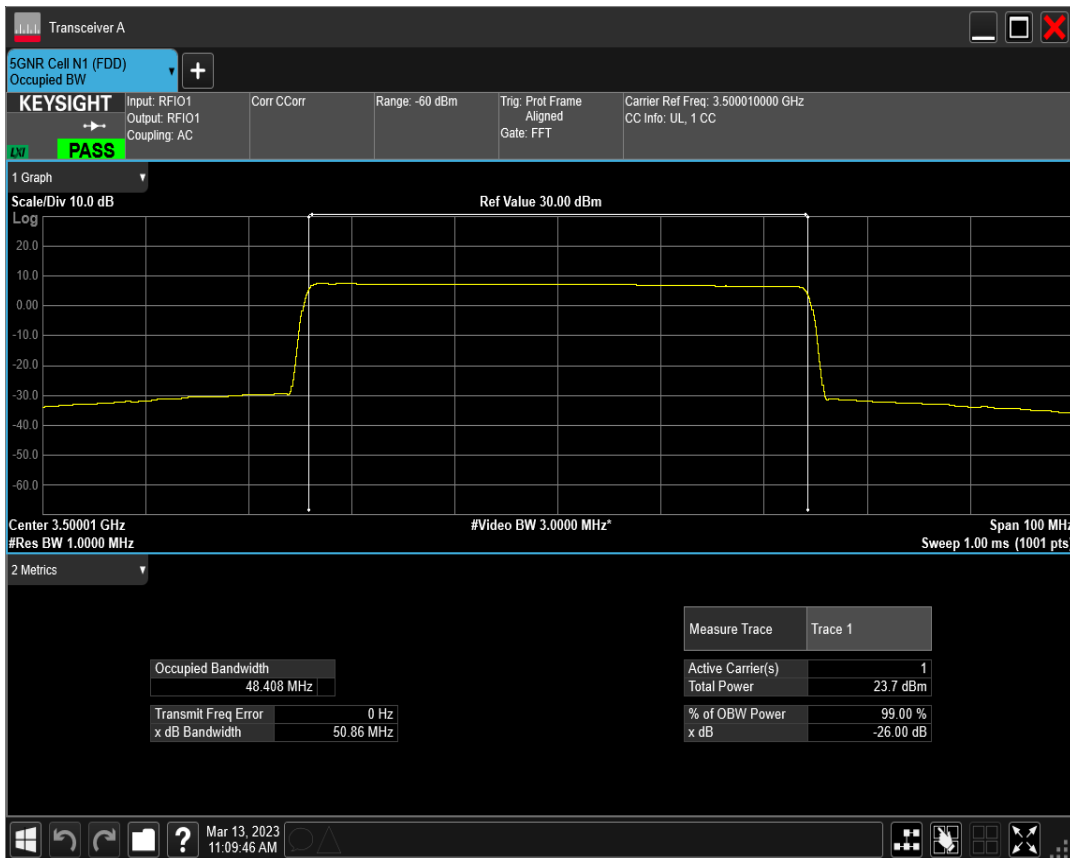


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=270@0





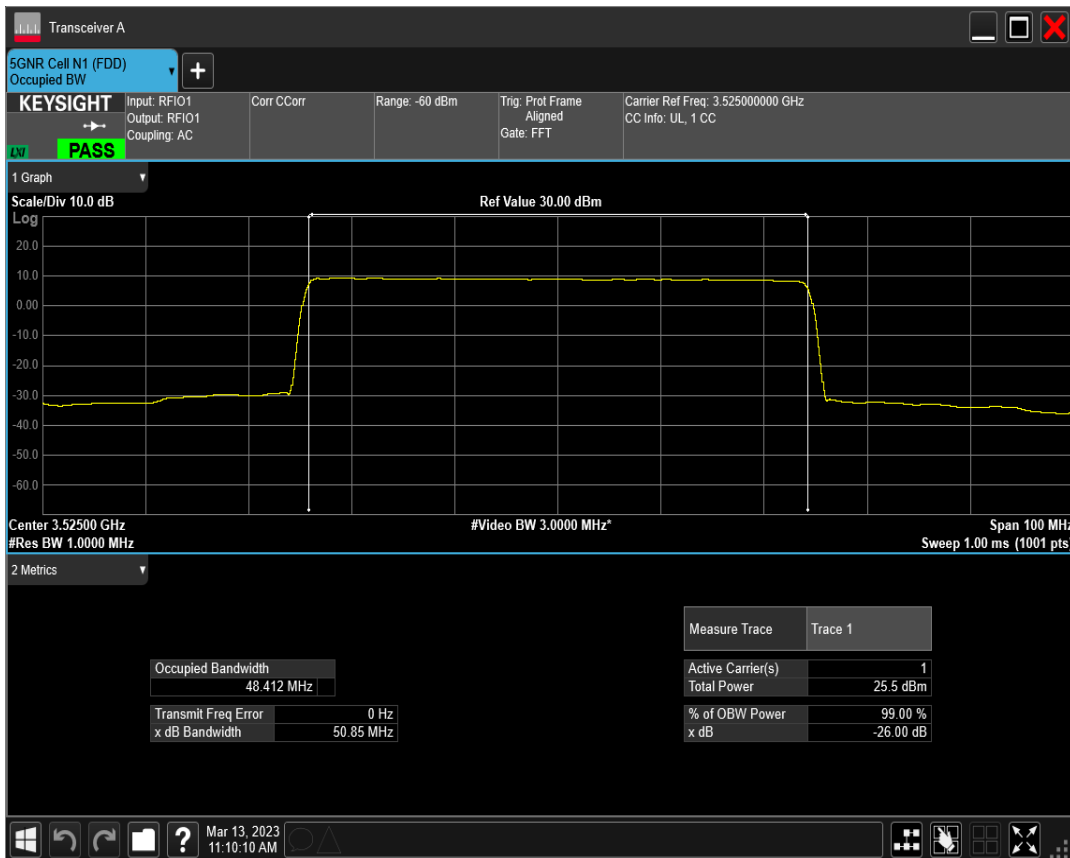
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=635000 RB=270@0



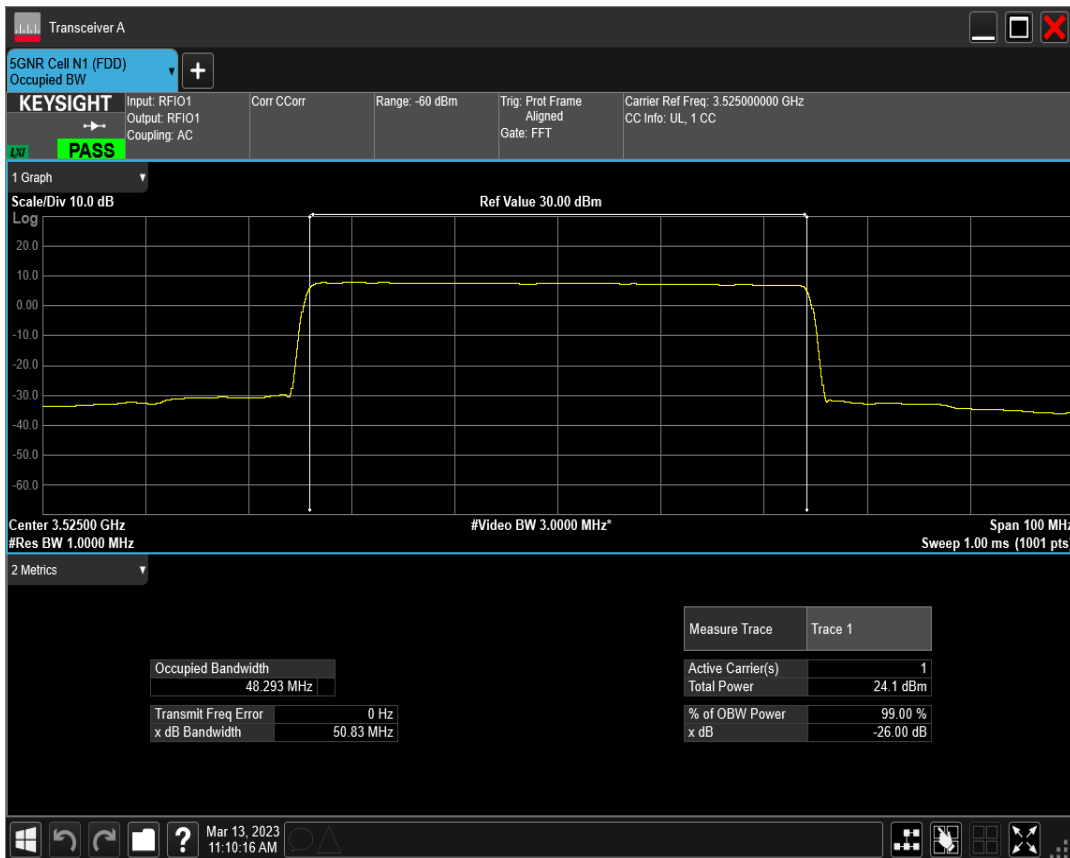
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



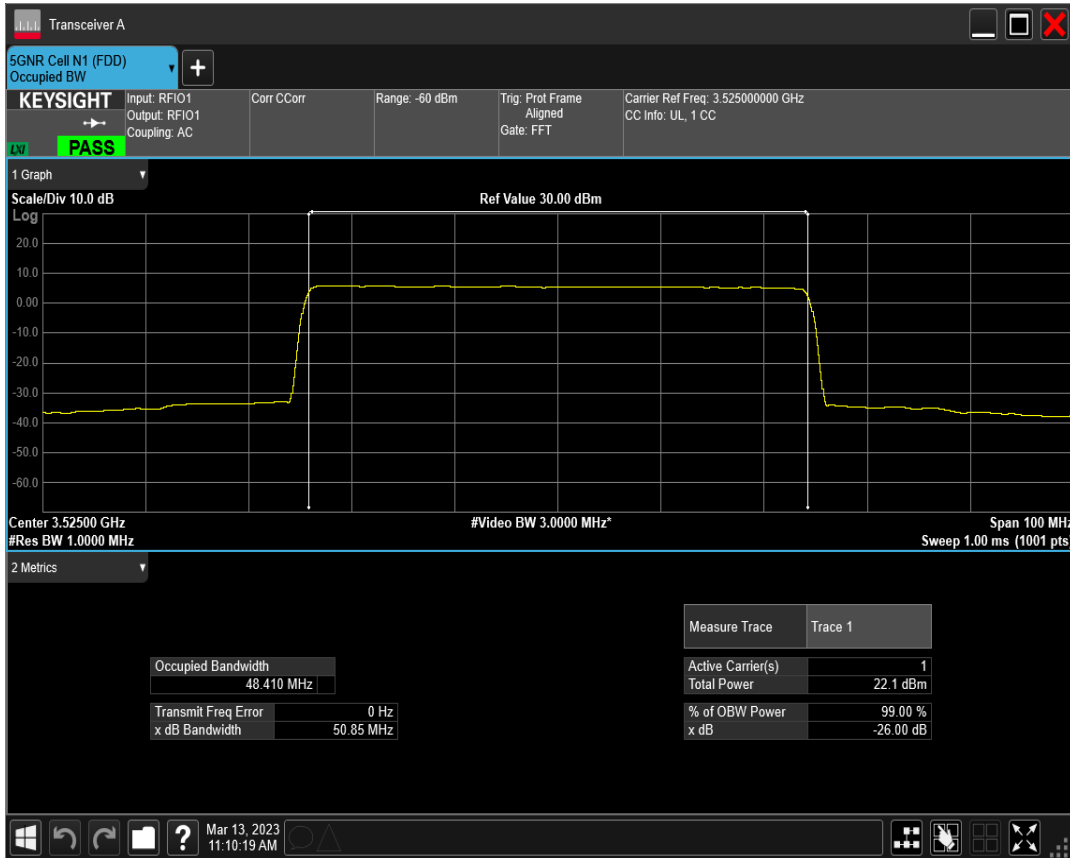
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=270@0



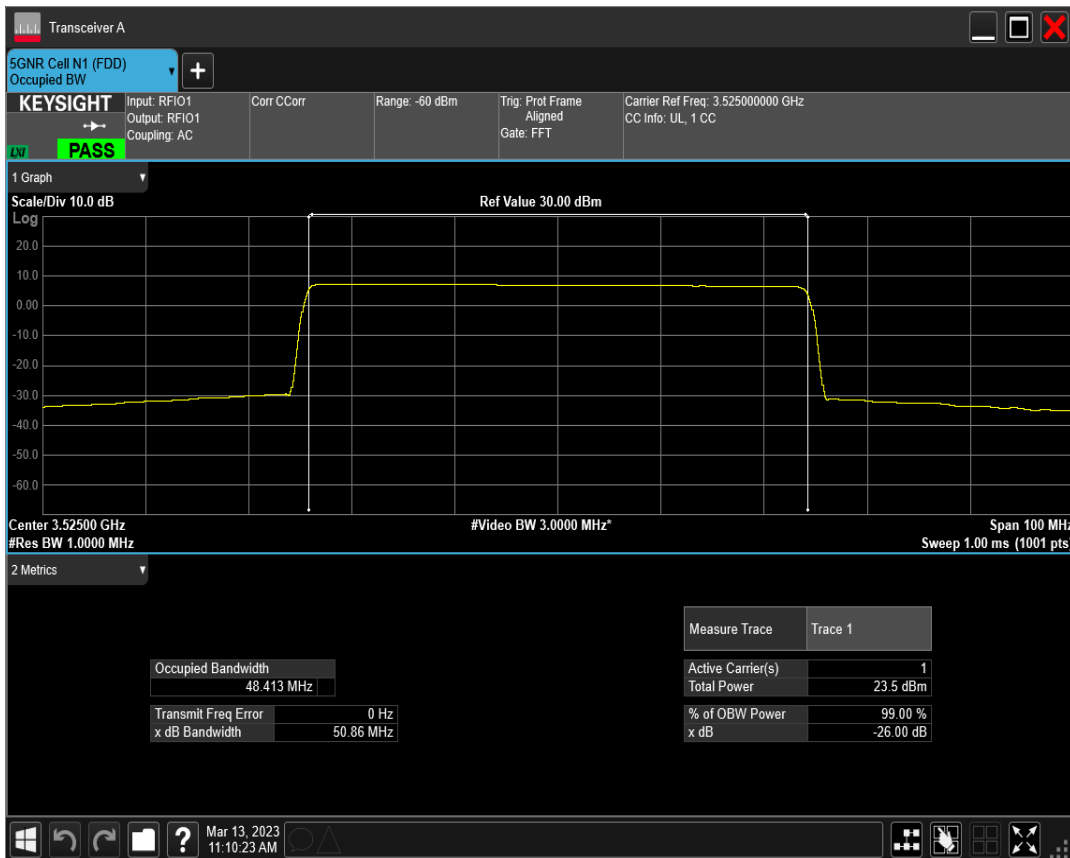
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=635000 RB=270@0



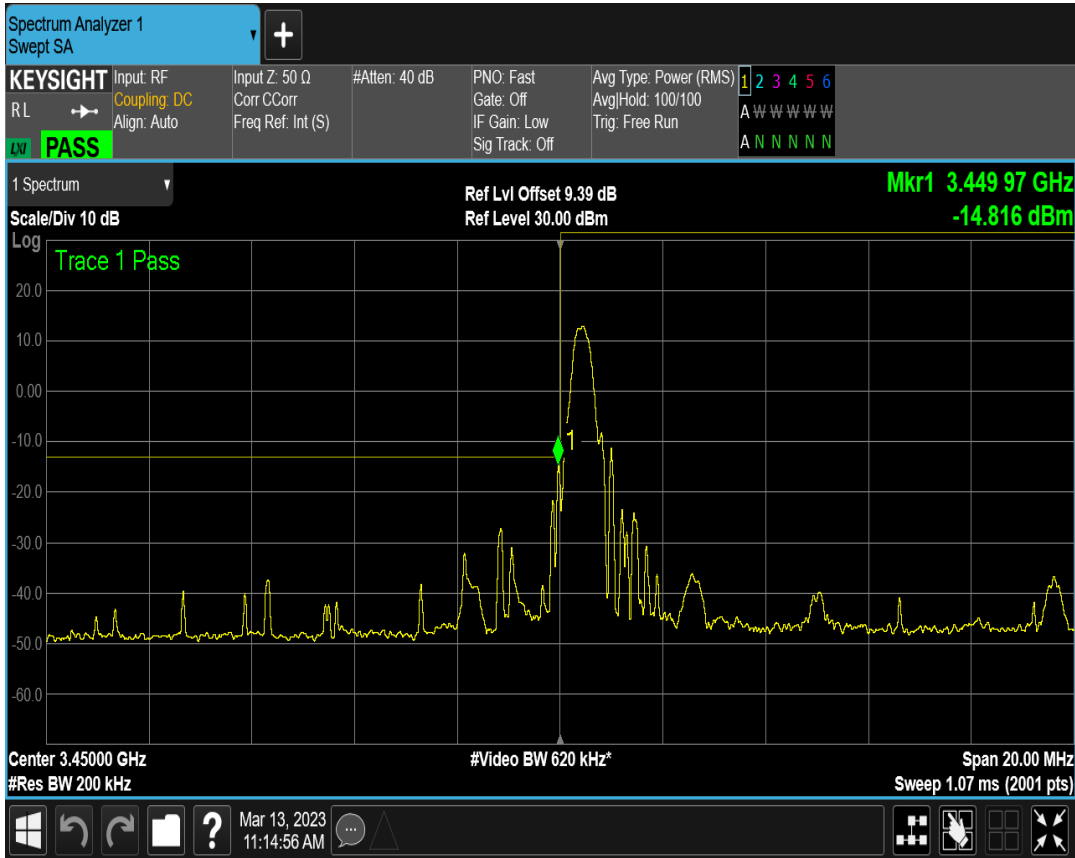
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	3449.69	-32.87	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.97	-14.81	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3550.75	-38.01	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.29	-21.10	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3439.45	-38.75	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3449.20	-31.97	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-33.73	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.00	-27.62	-13	PASS

n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



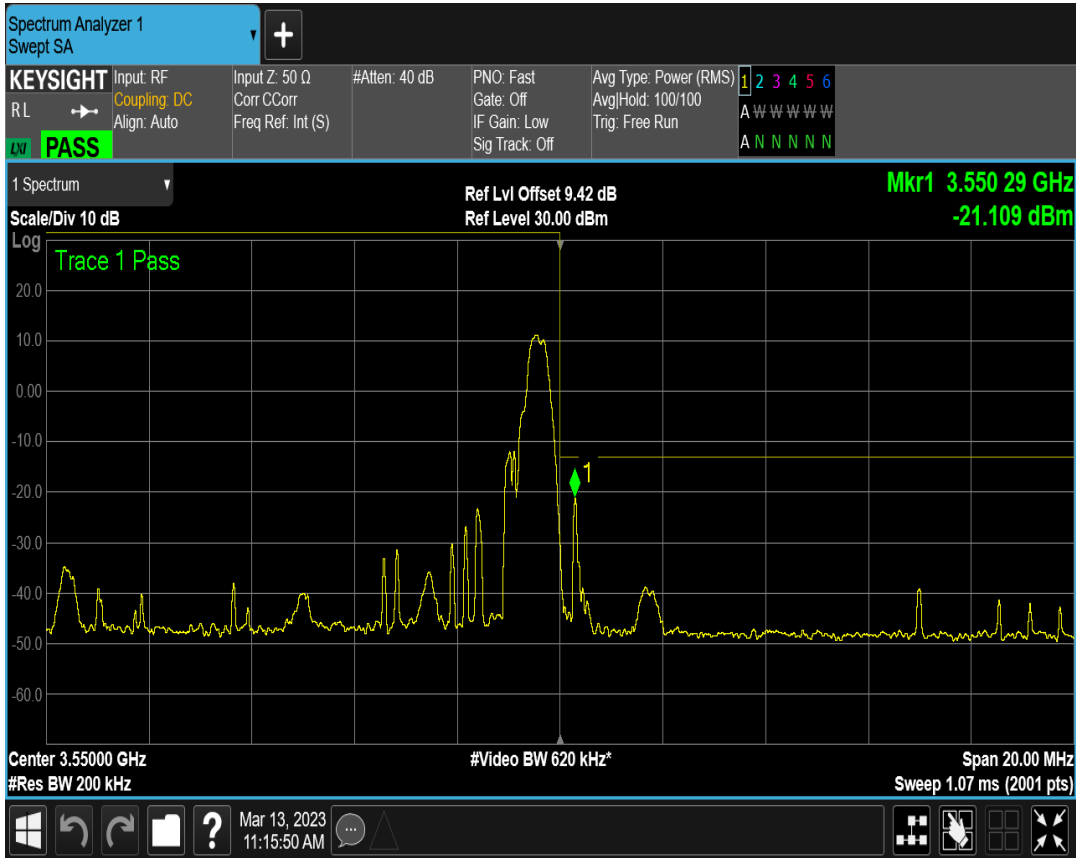
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



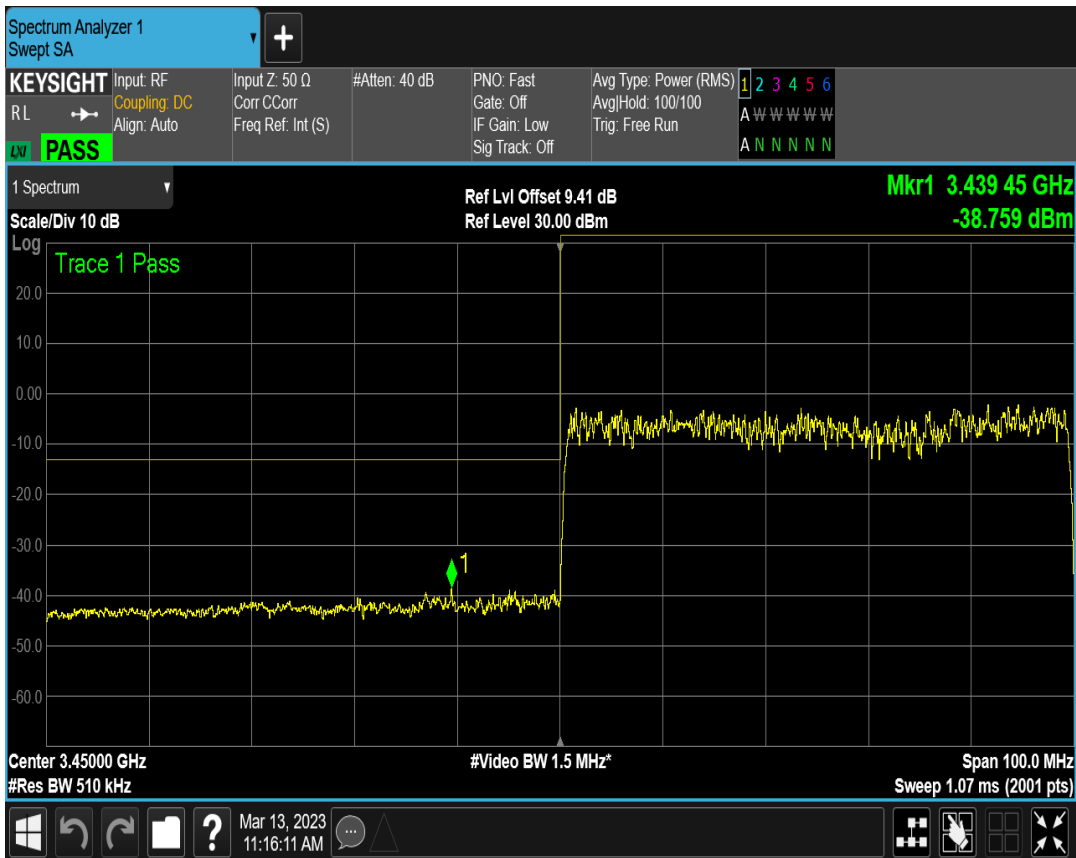
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



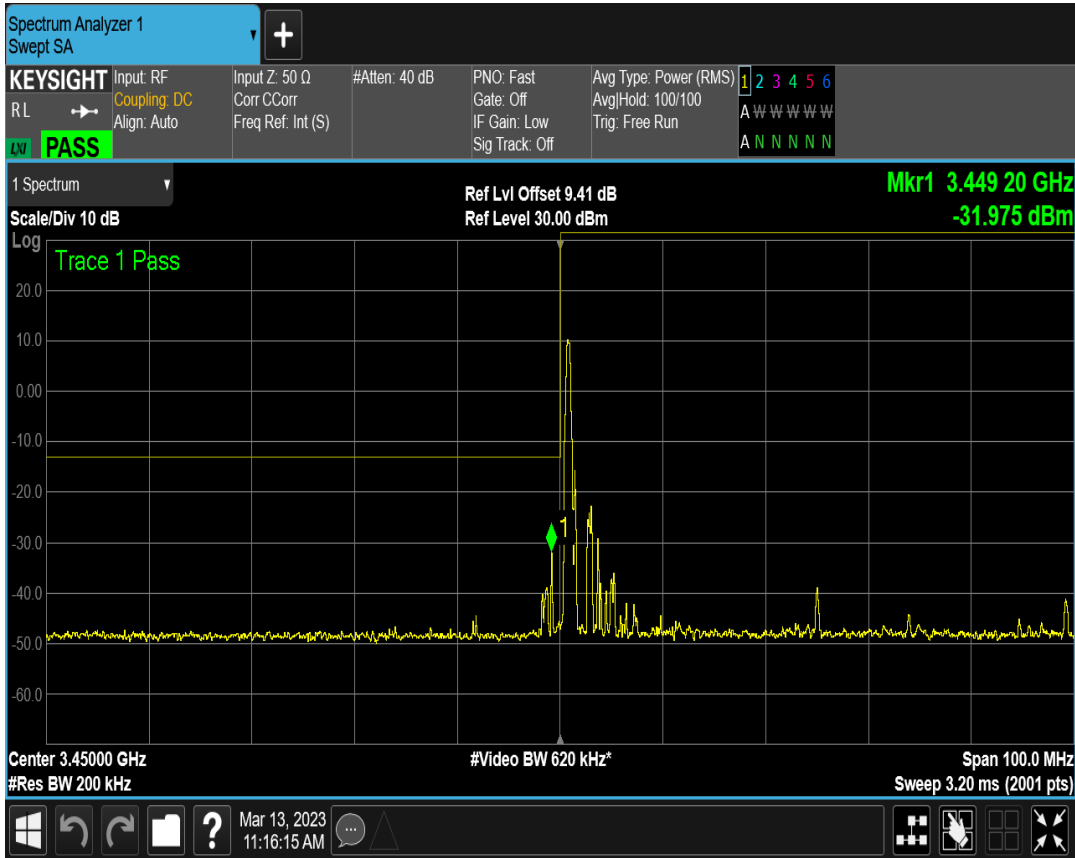
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



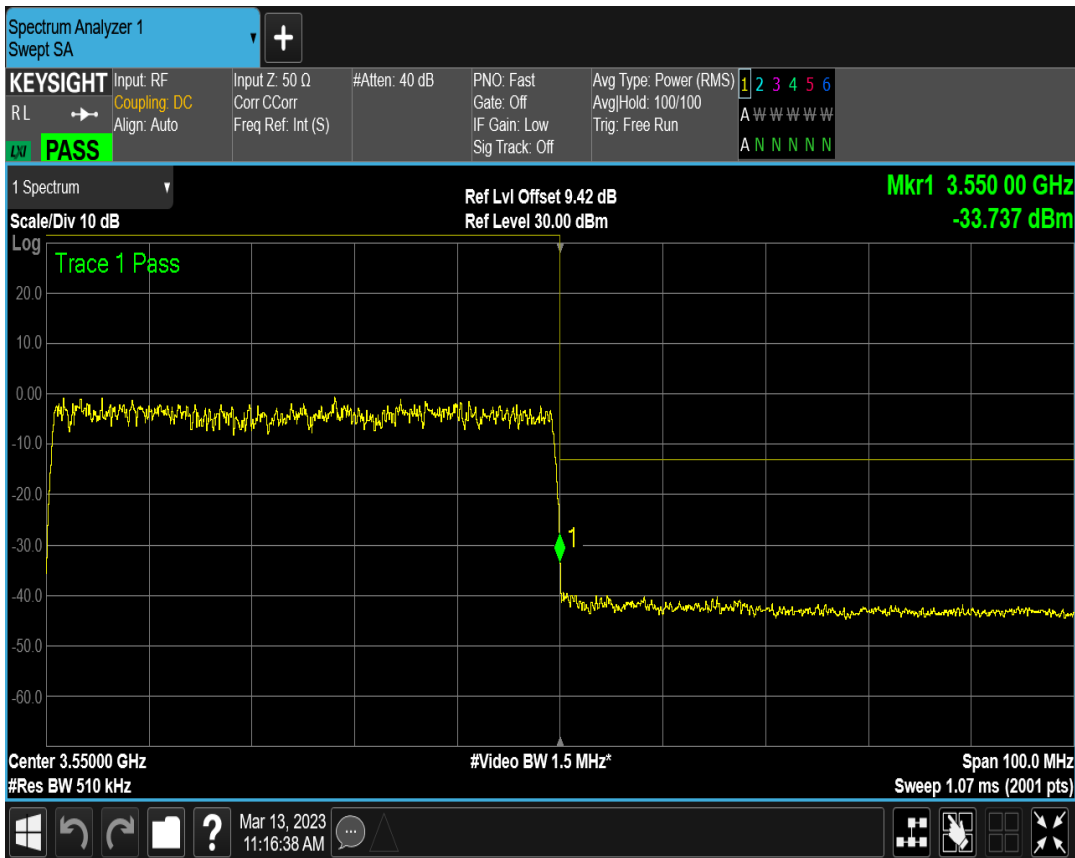
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0

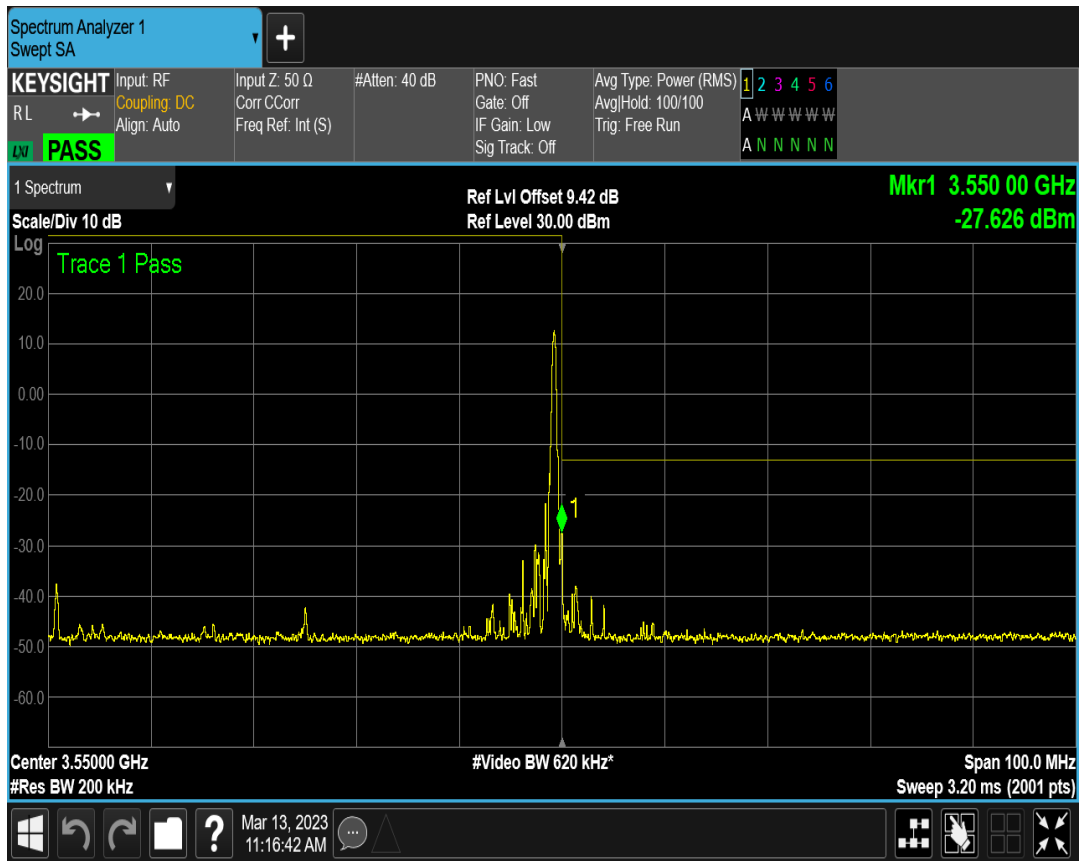


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

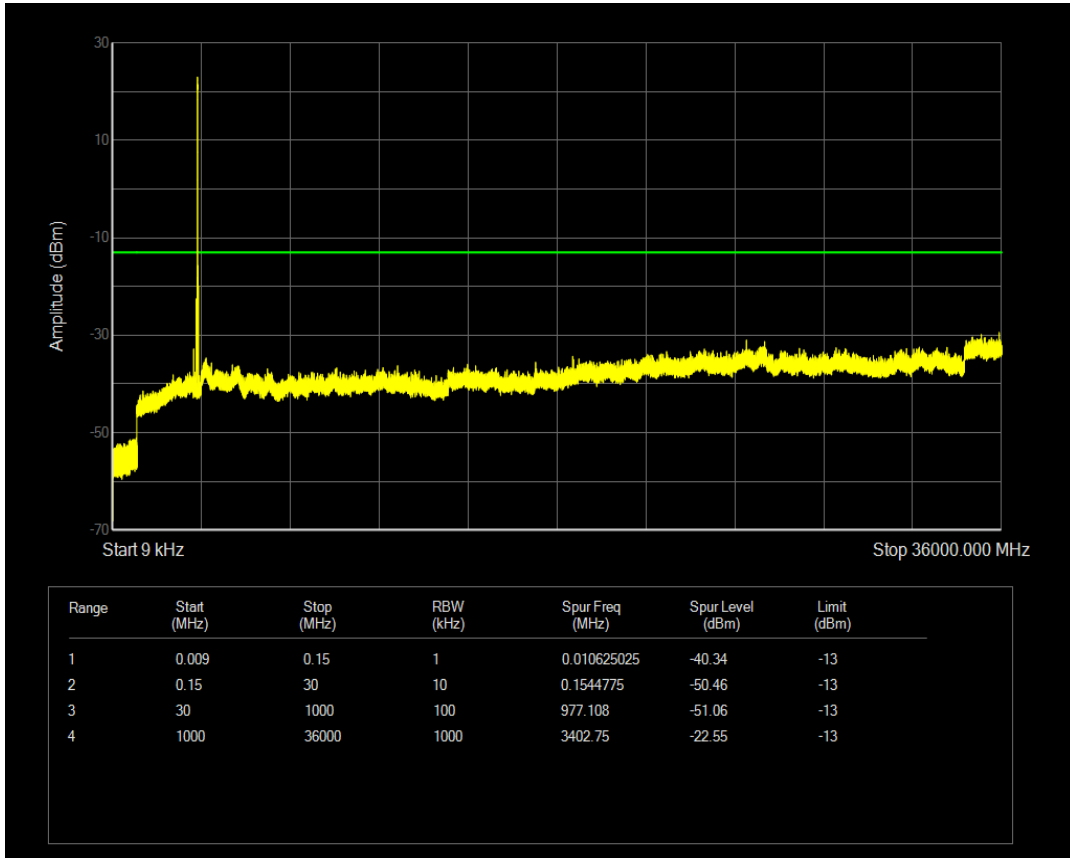




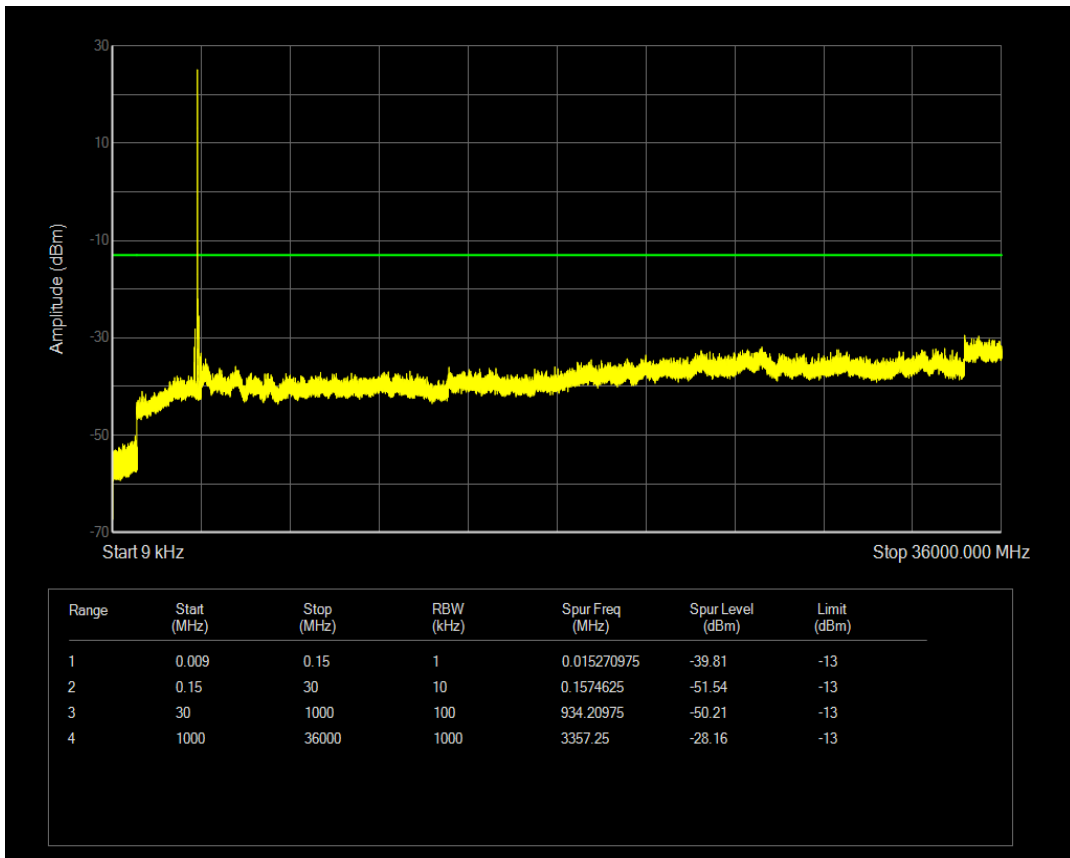
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	3402.75	-22.55	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3357.25	-28.16	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	35907.25	-29.90	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	3409.75	-27.38	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	3400.13	-28.88	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	3592.63	-28.77	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3621.50	-27.65	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	35788.25	-30.04	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	35173.13	-28.07	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	35902.00	-29.78	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	35093.50	-29.13	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	35090.00	-29.84	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	34907.13	-29.78	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	35056.75	-29.50	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	35069.88	-29.79	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	35145.13	-29.79	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	34553.63	-30.03	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	34837.13	-29.61	-13	PASS

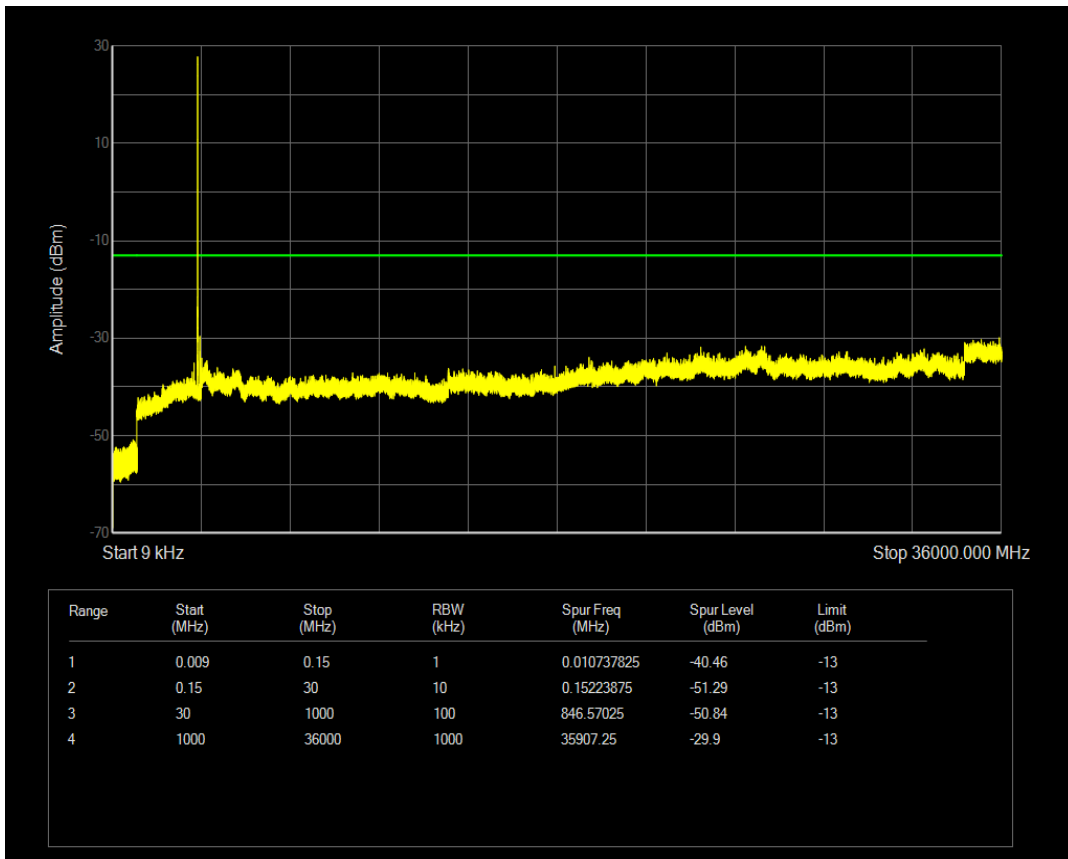
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



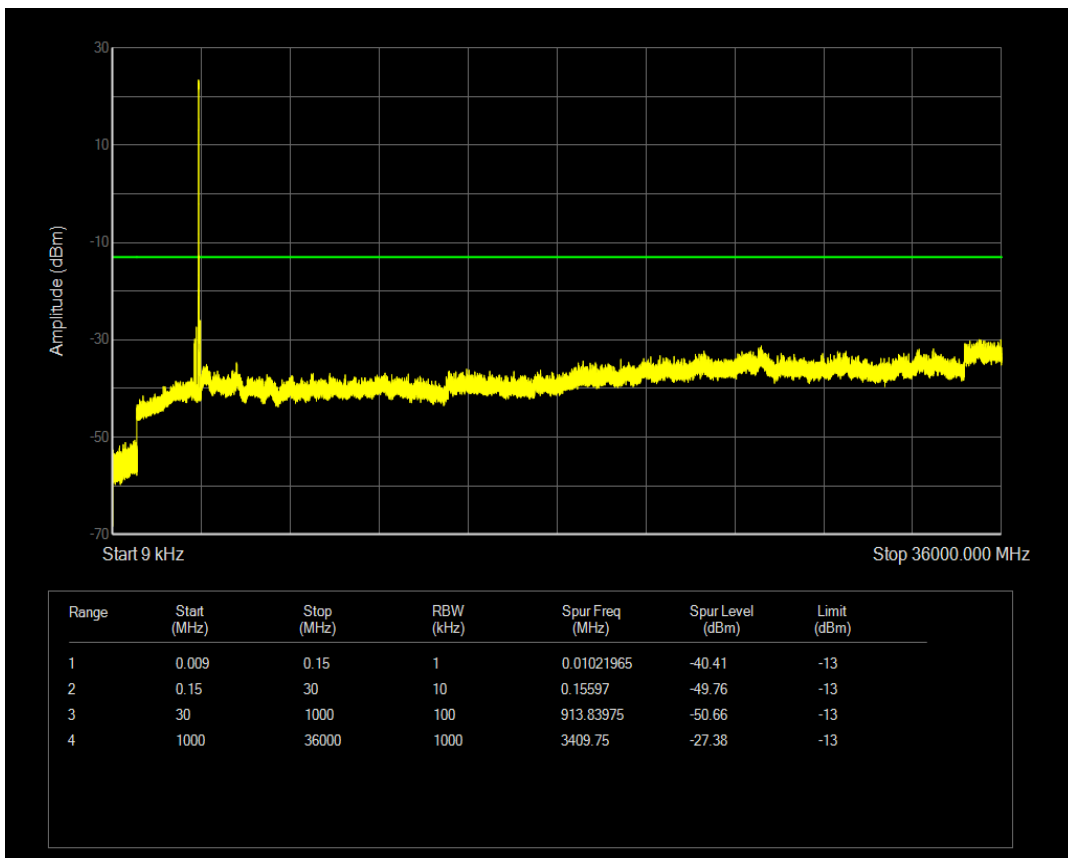
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



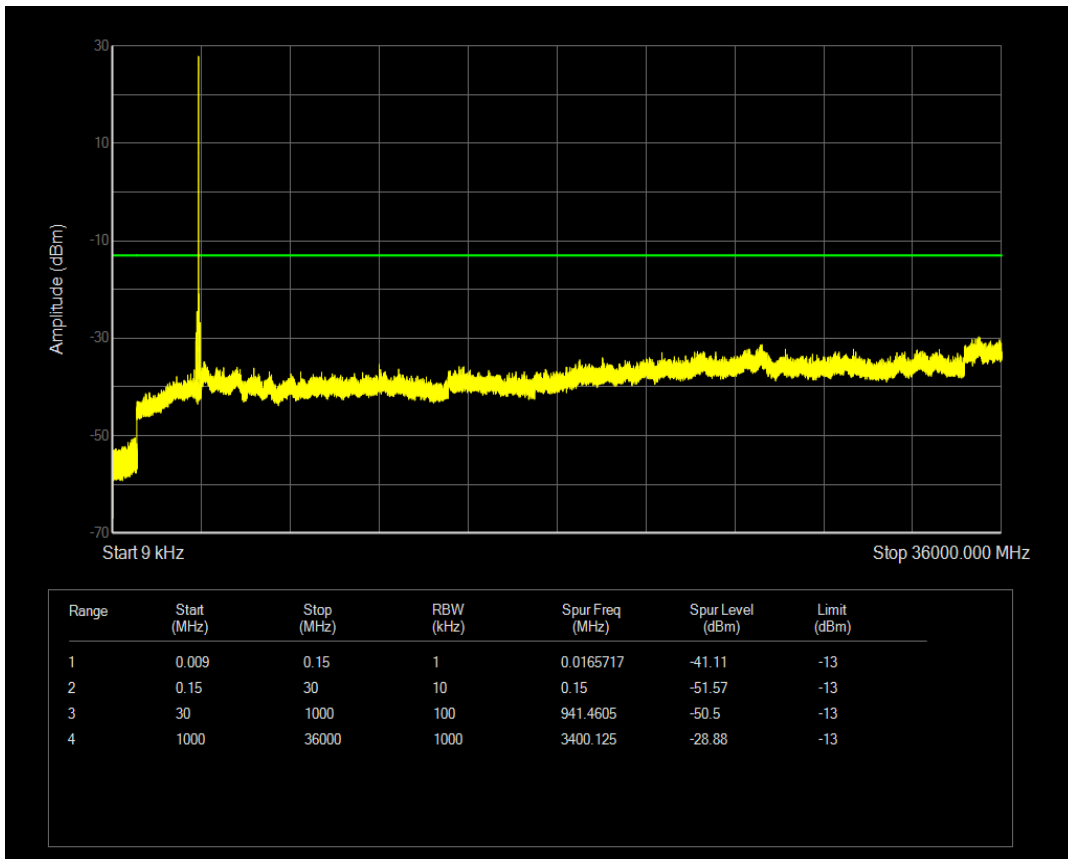
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51



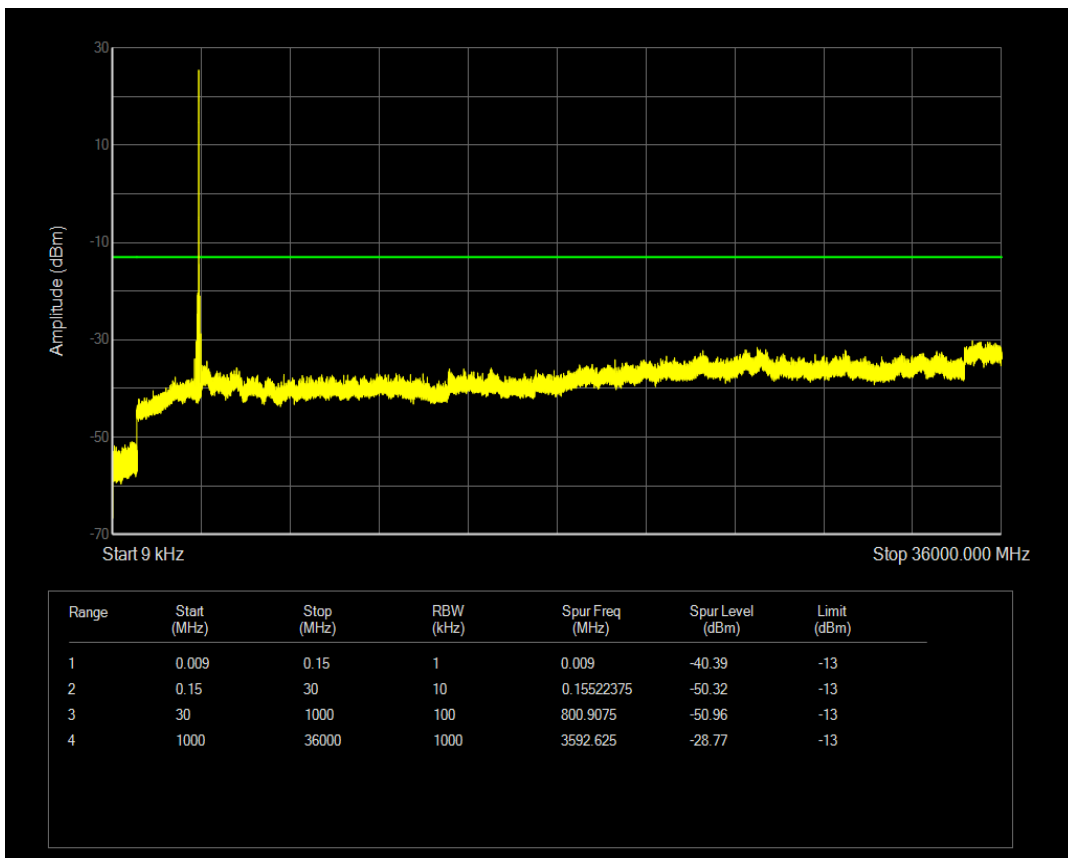
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0



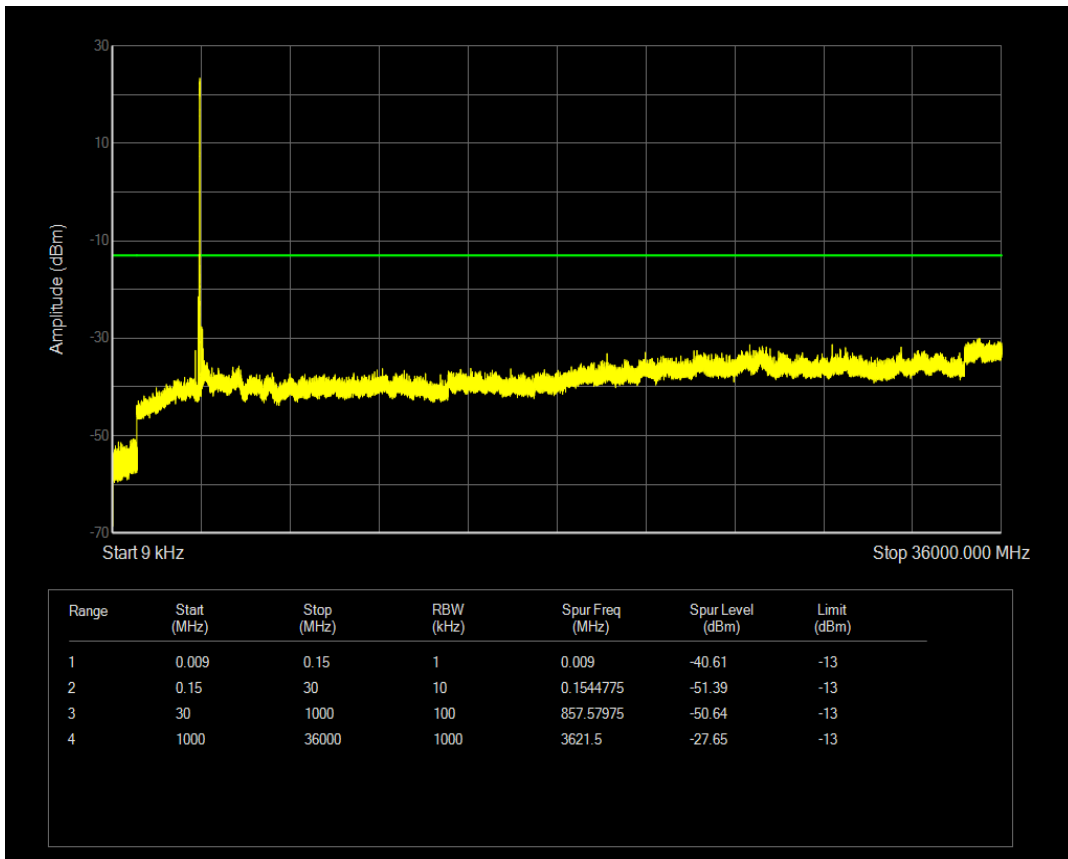
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



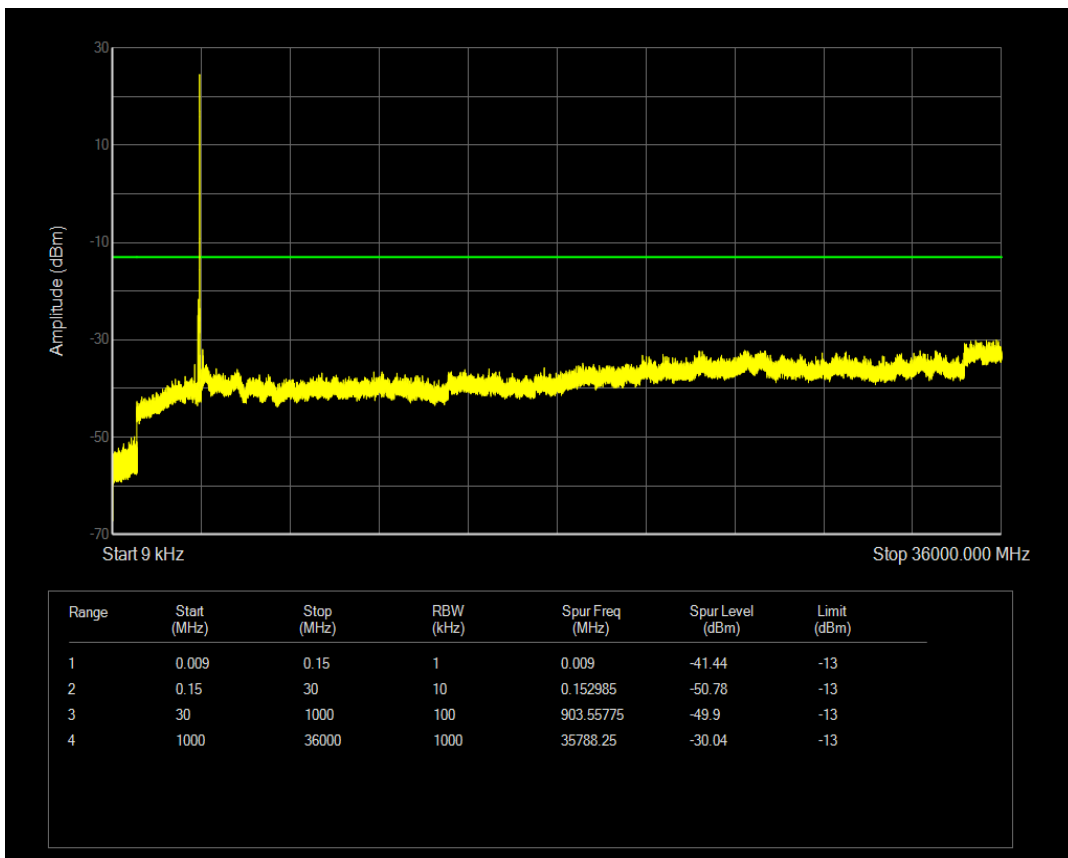
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@51



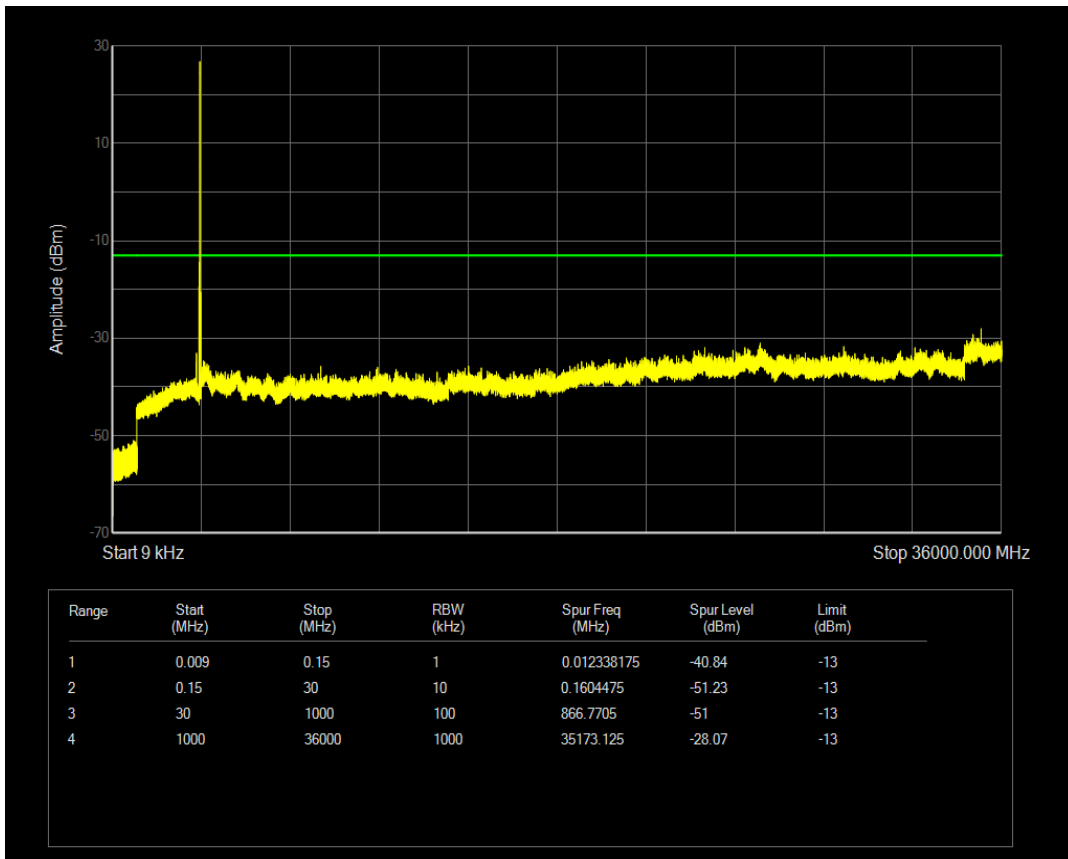
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



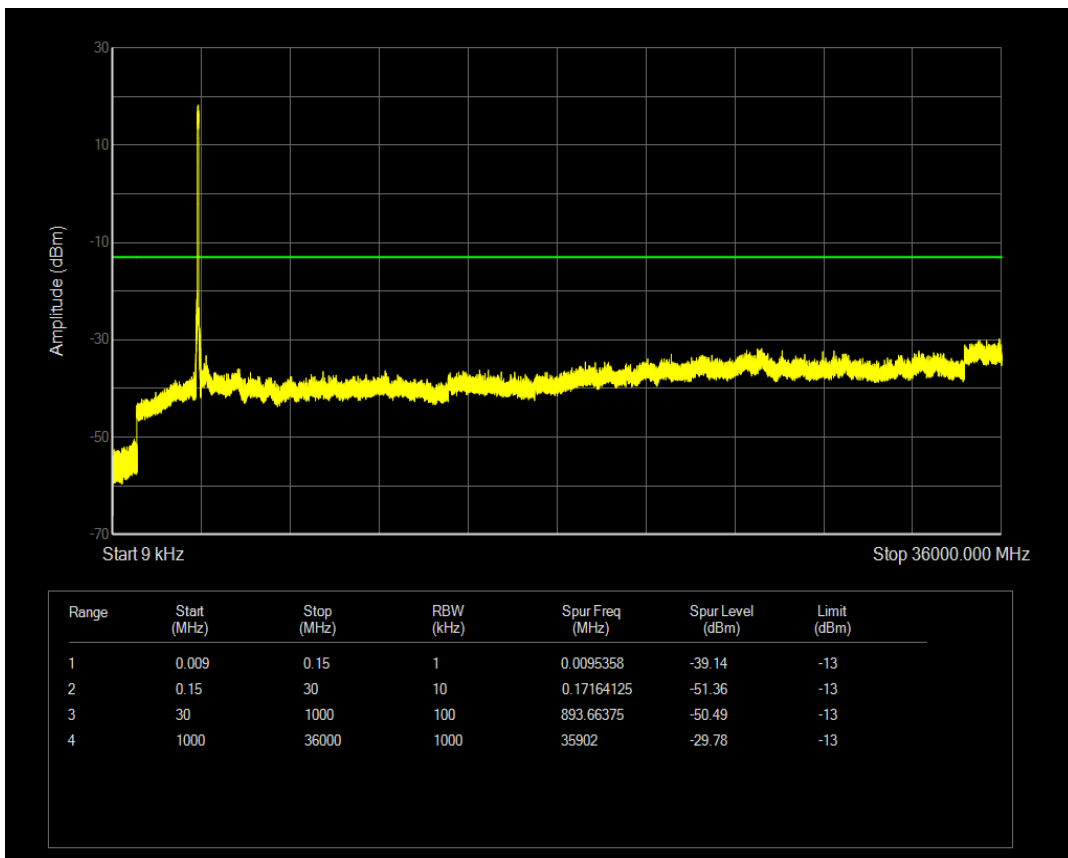
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



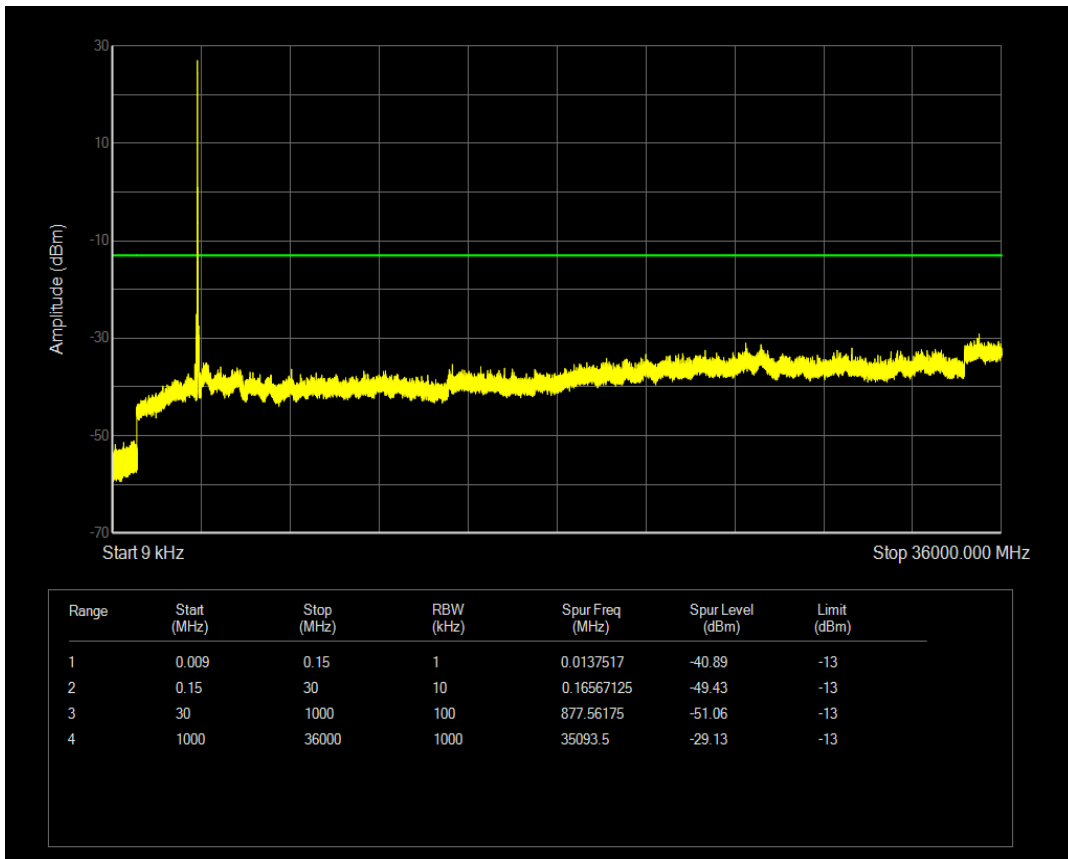
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



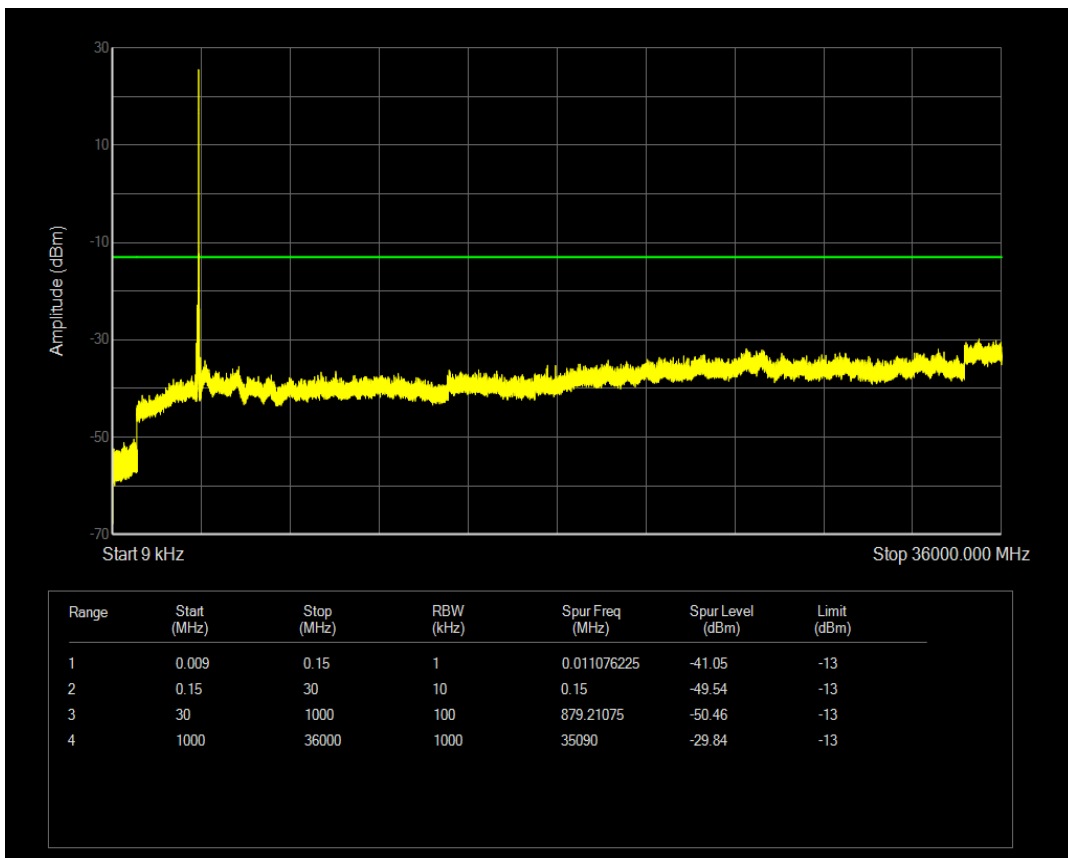
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0

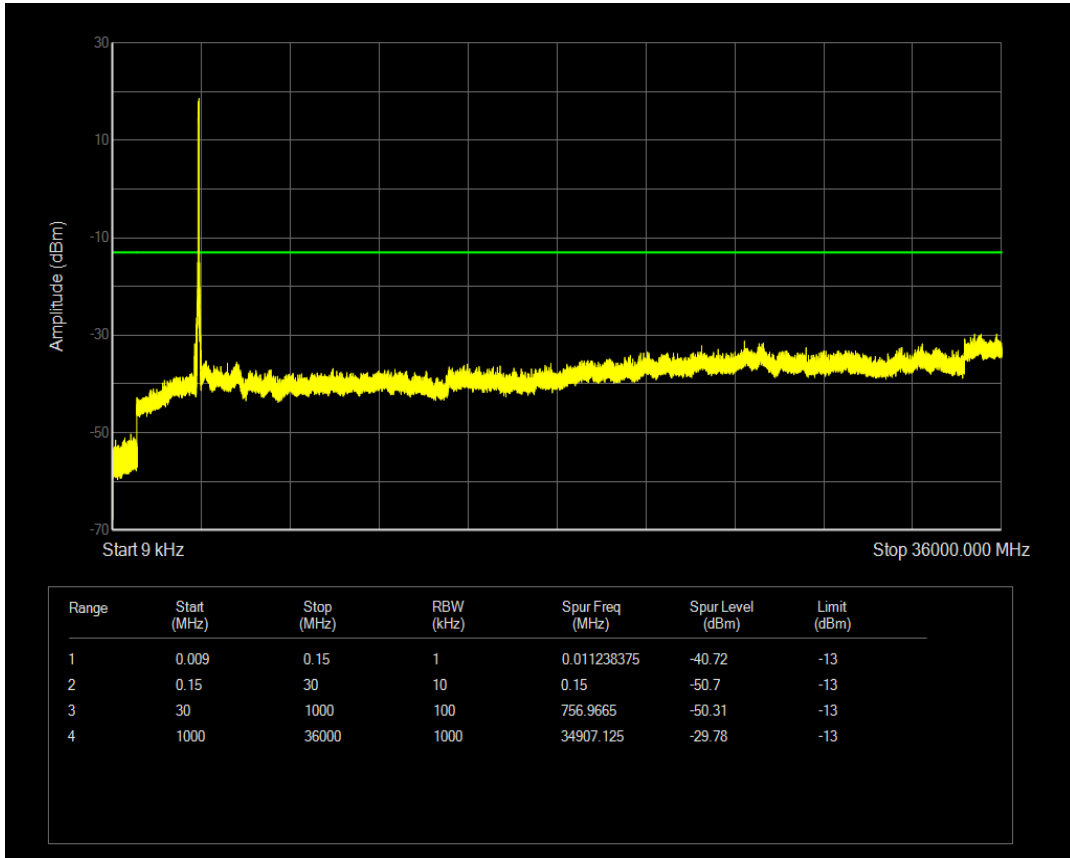


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@269

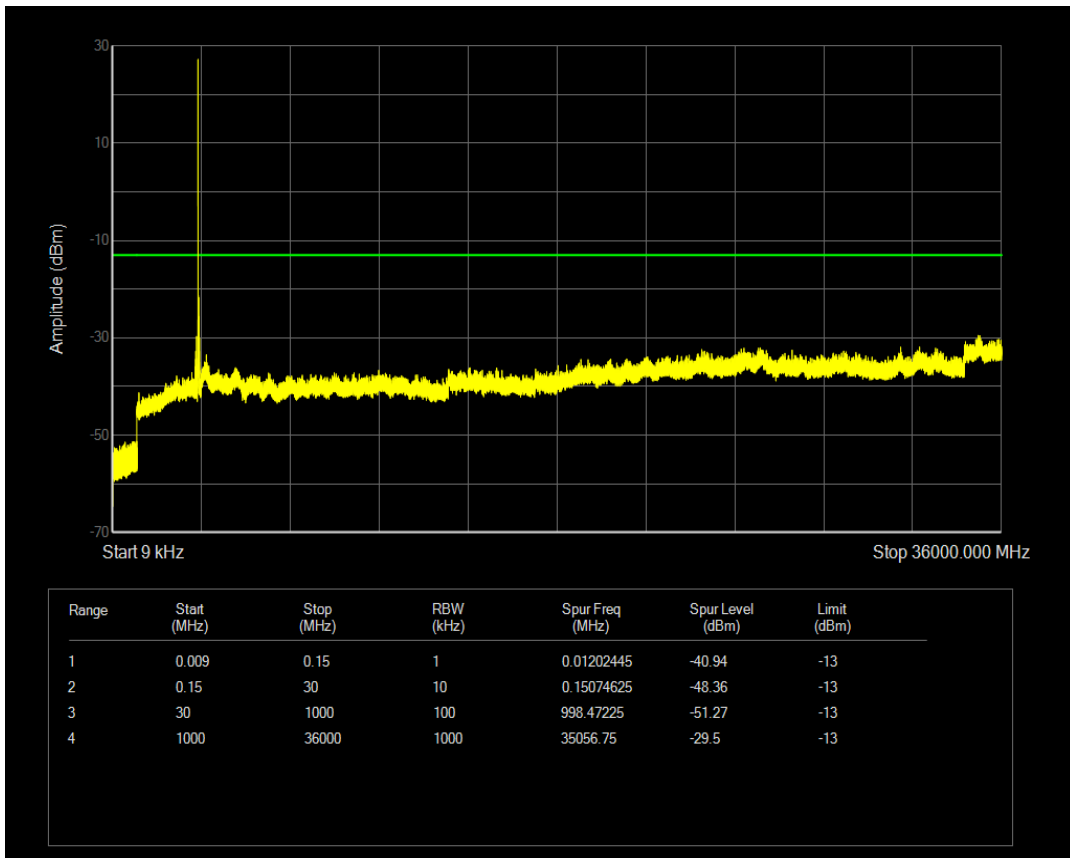


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0

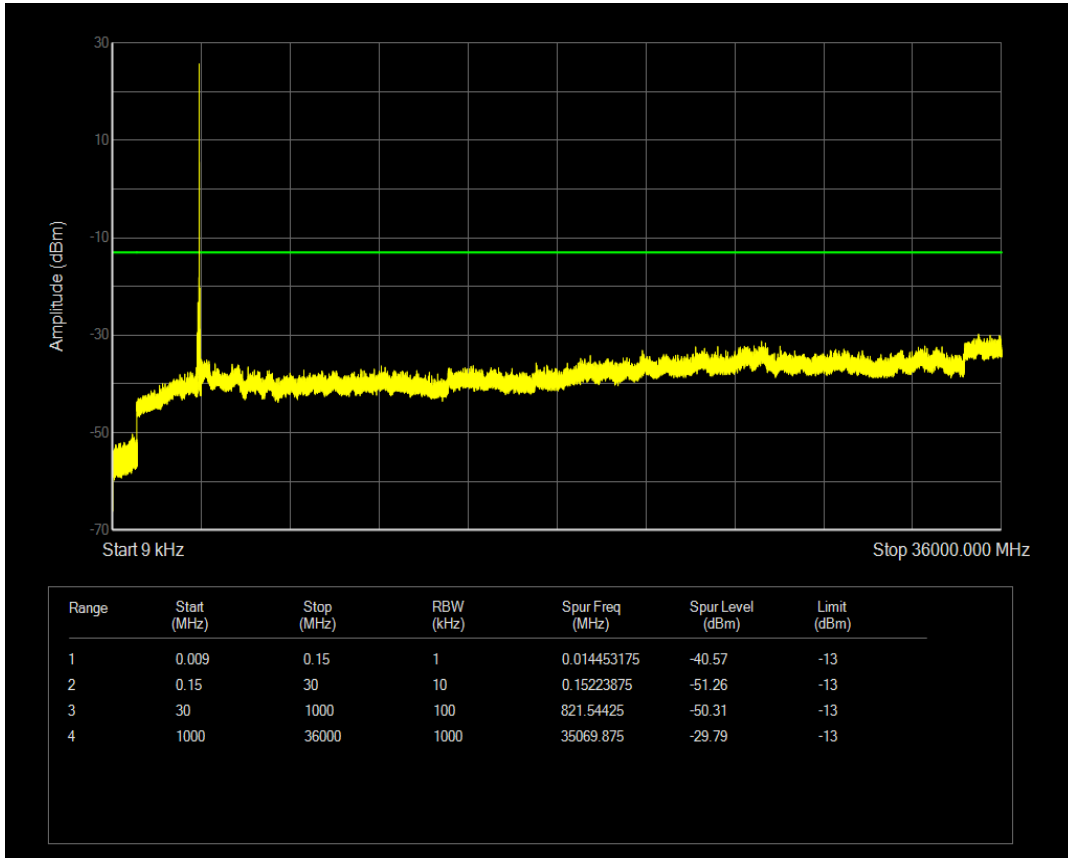




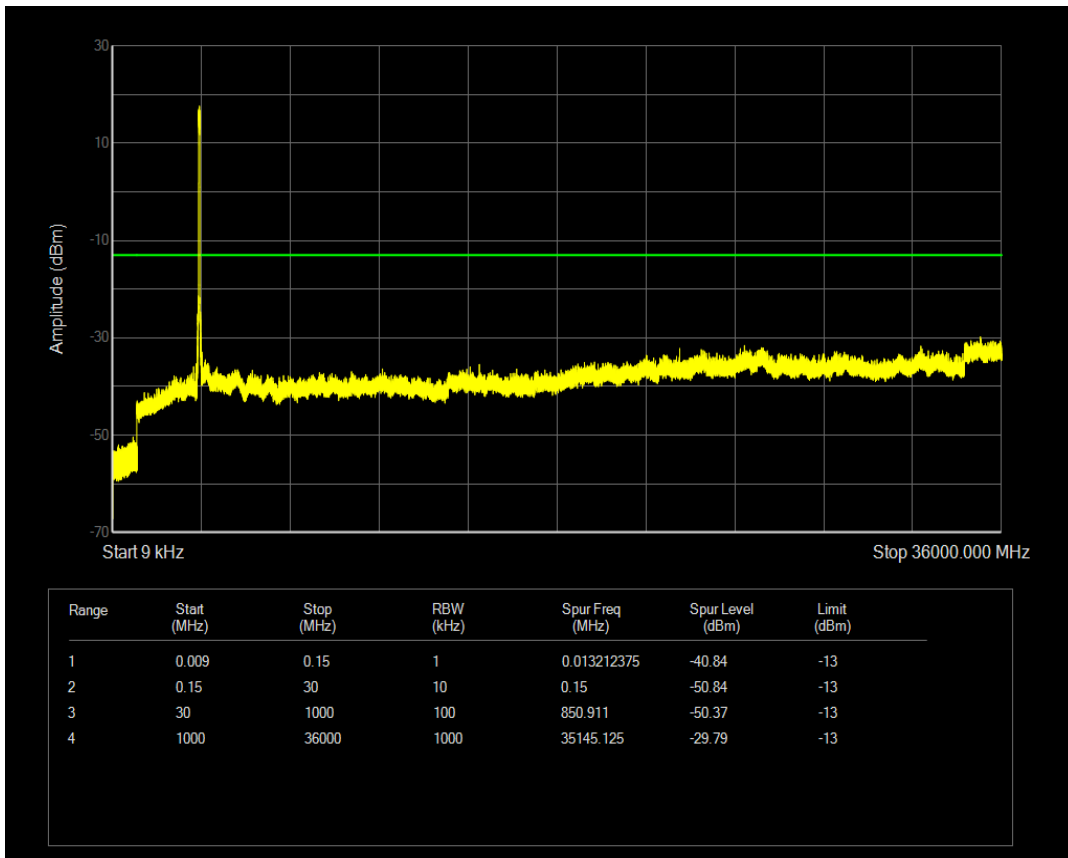
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@0



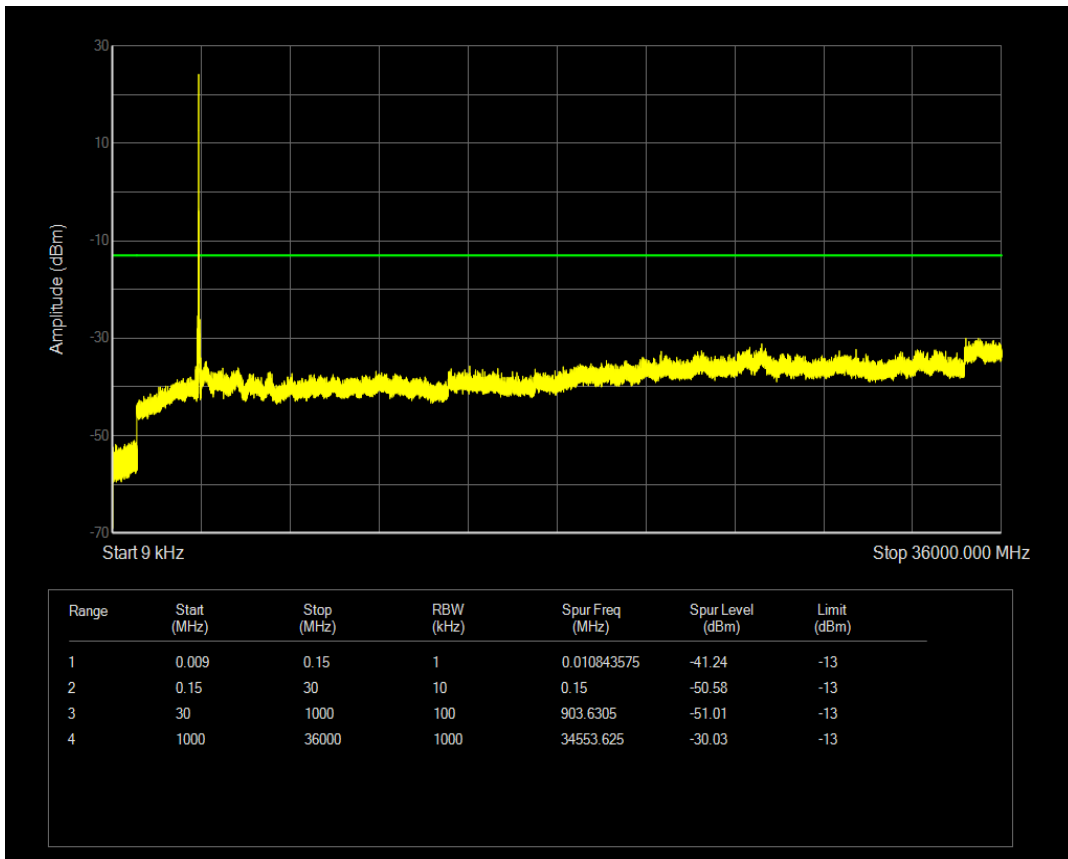
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@269



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

