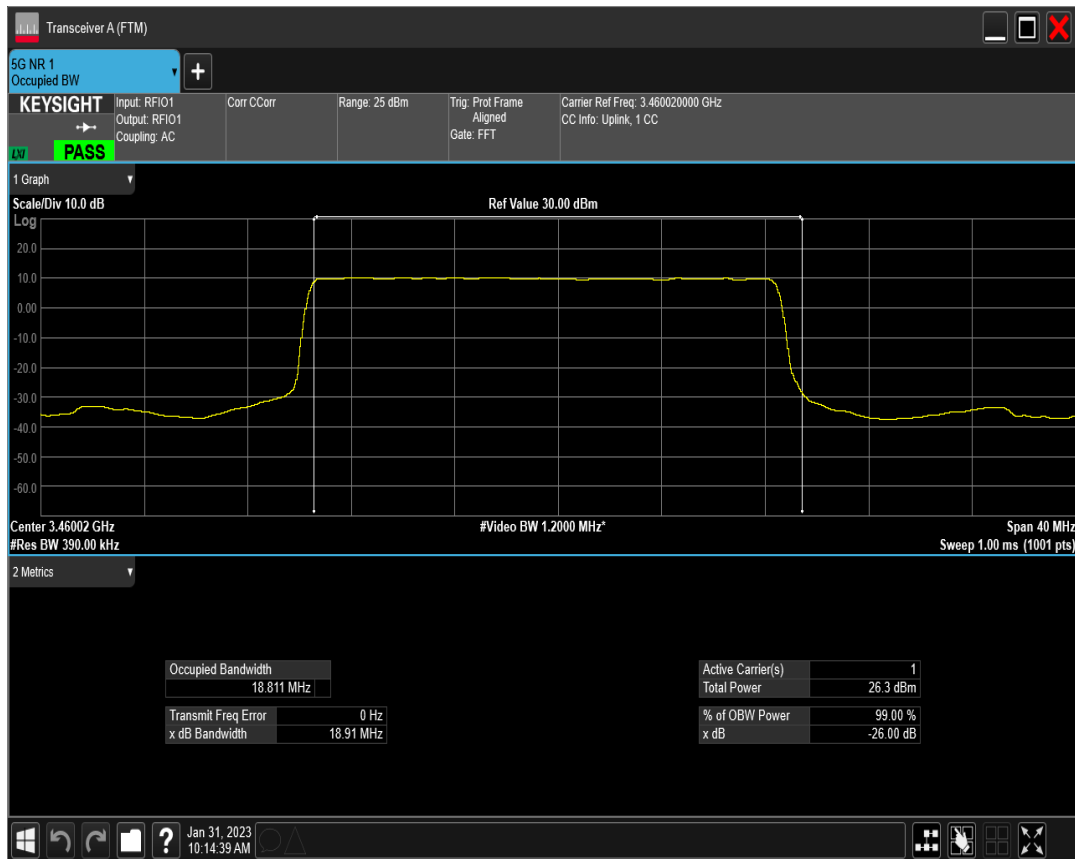




n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=100@0



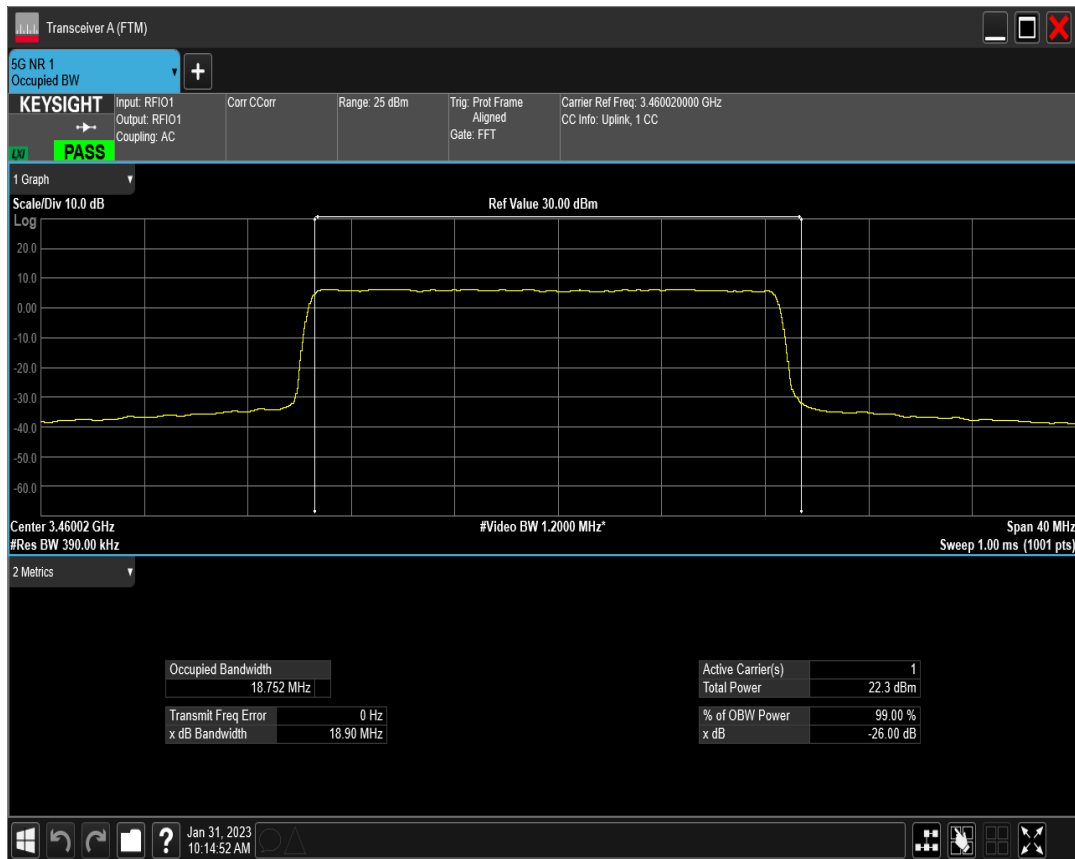
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=630668 RB=100@0



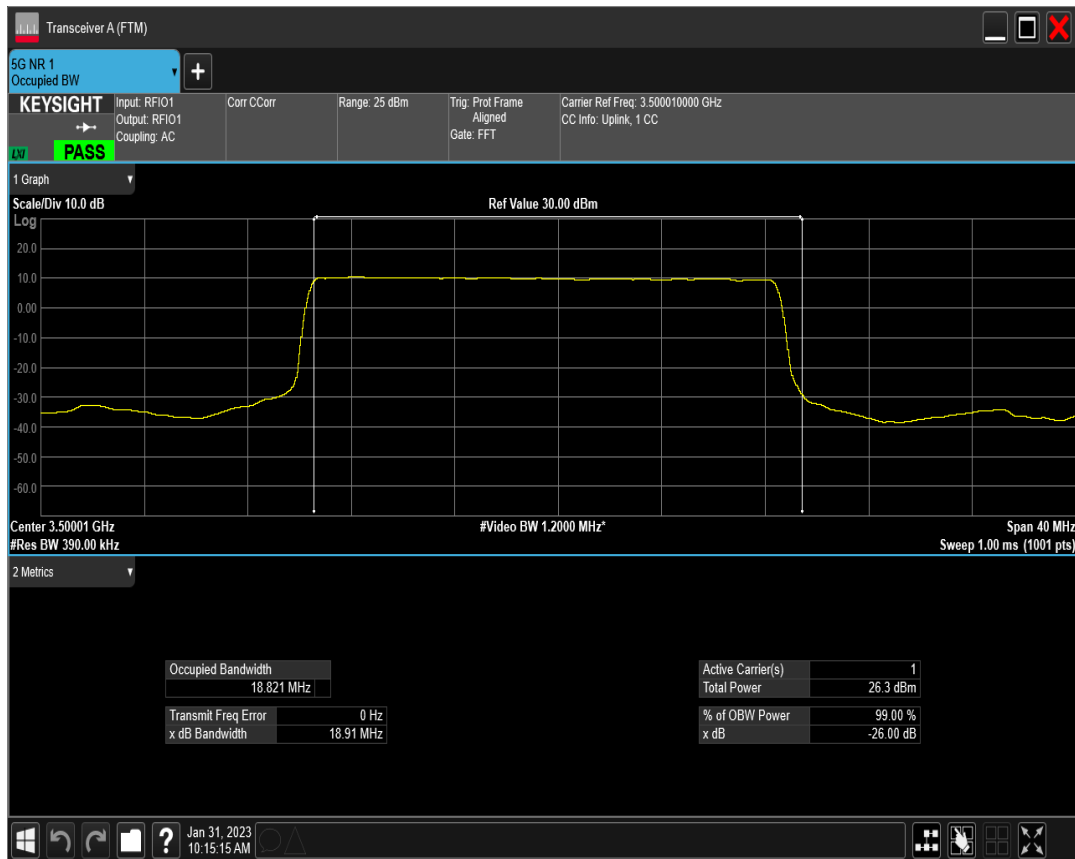
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=630668 RB=100@0



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



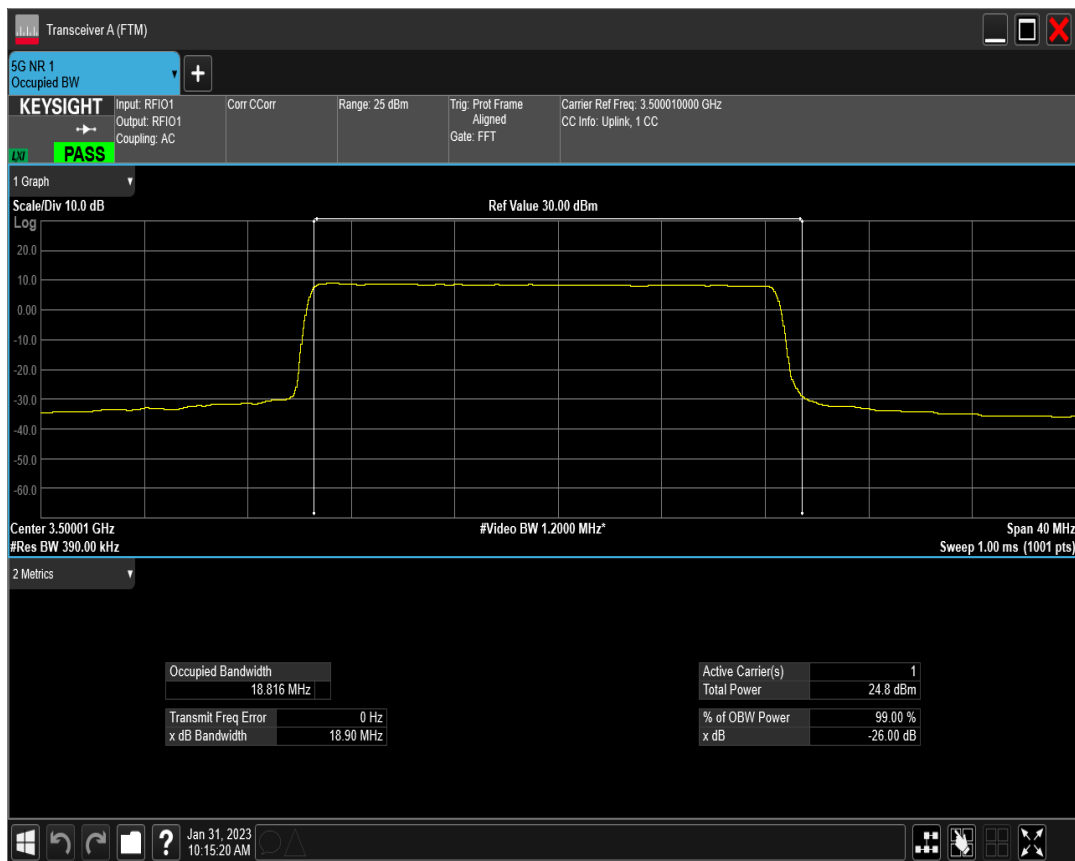
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=633334 RB=100@0



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



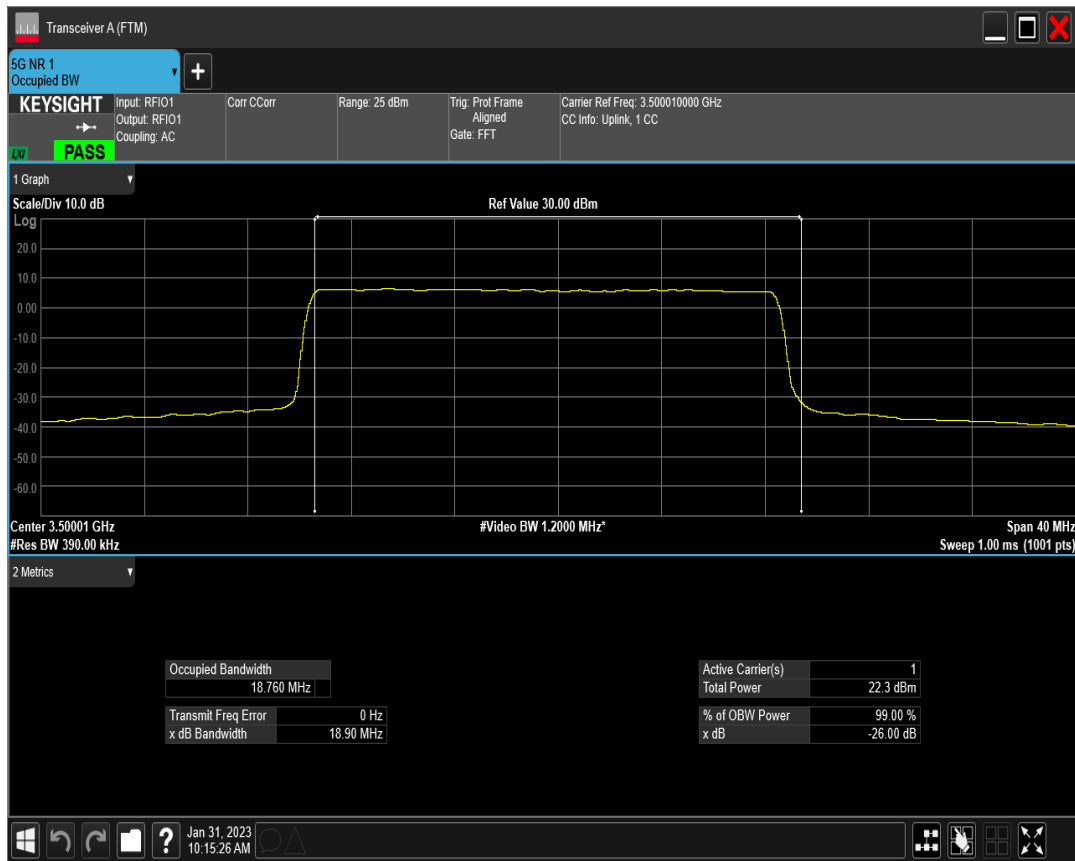
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=633334 RB=100@0



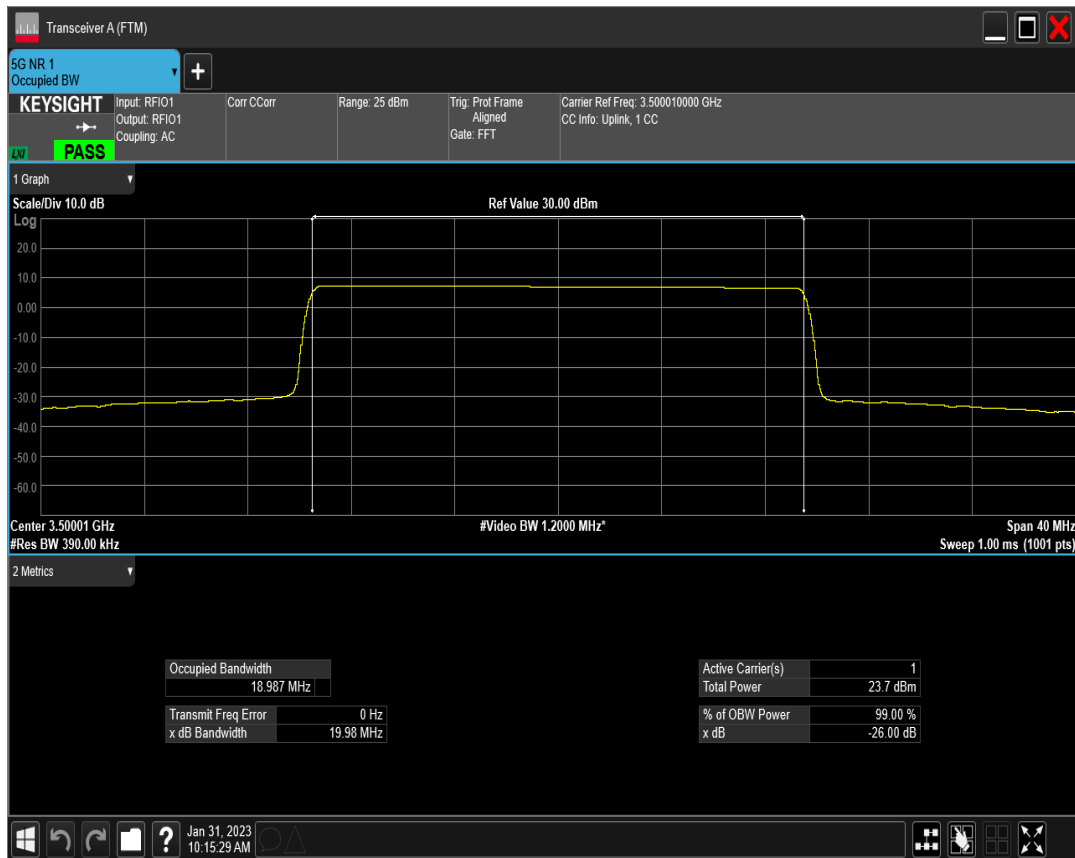
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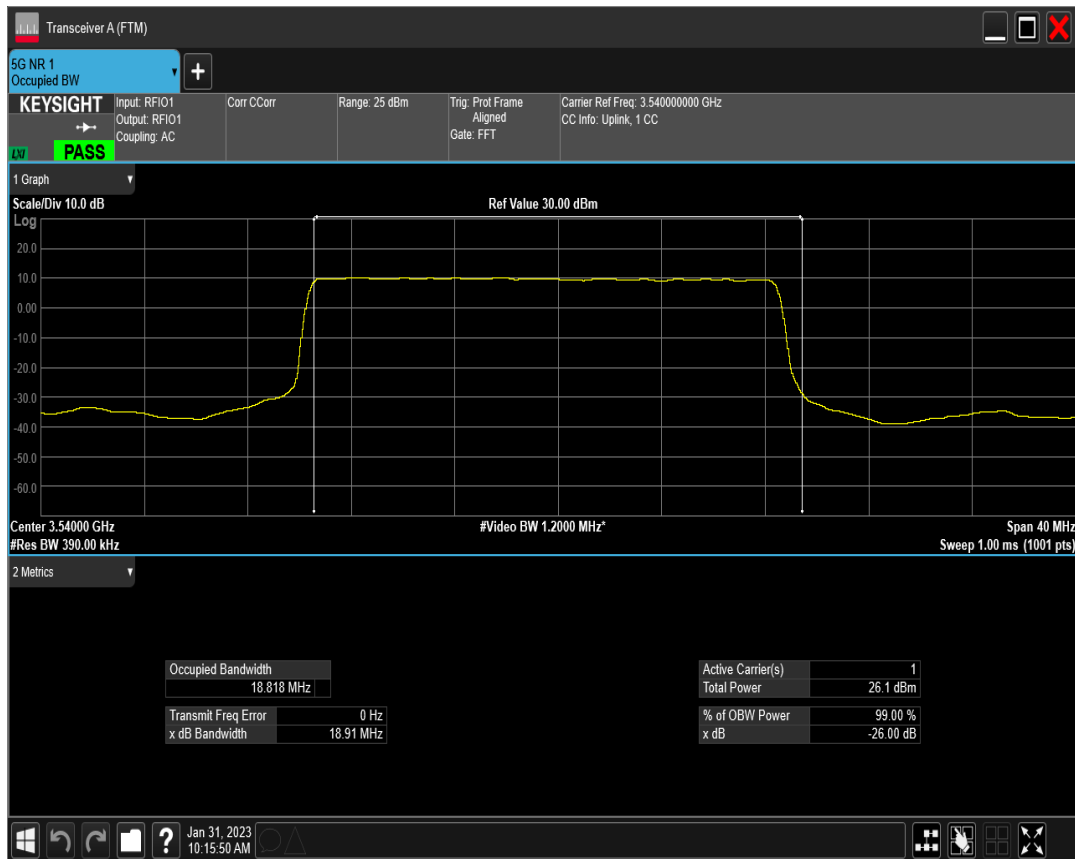
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=633334 RB=100@0



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



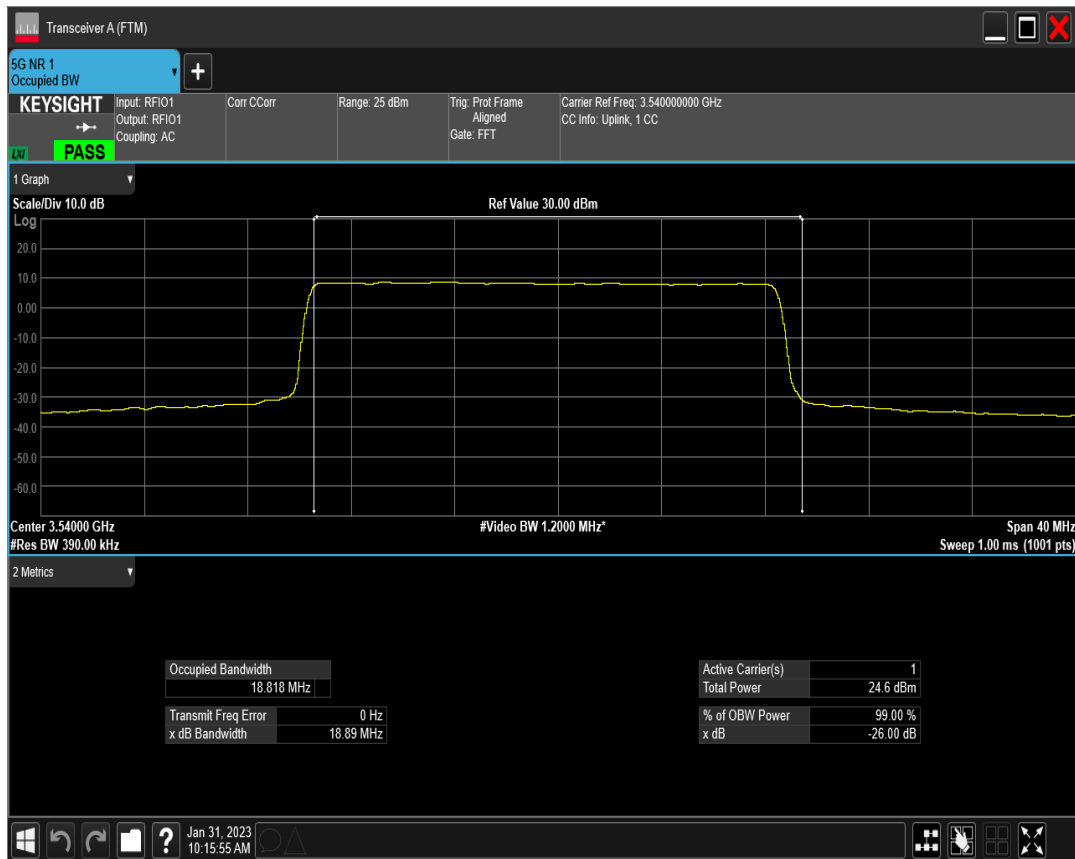
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=636000 RB=100@0



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



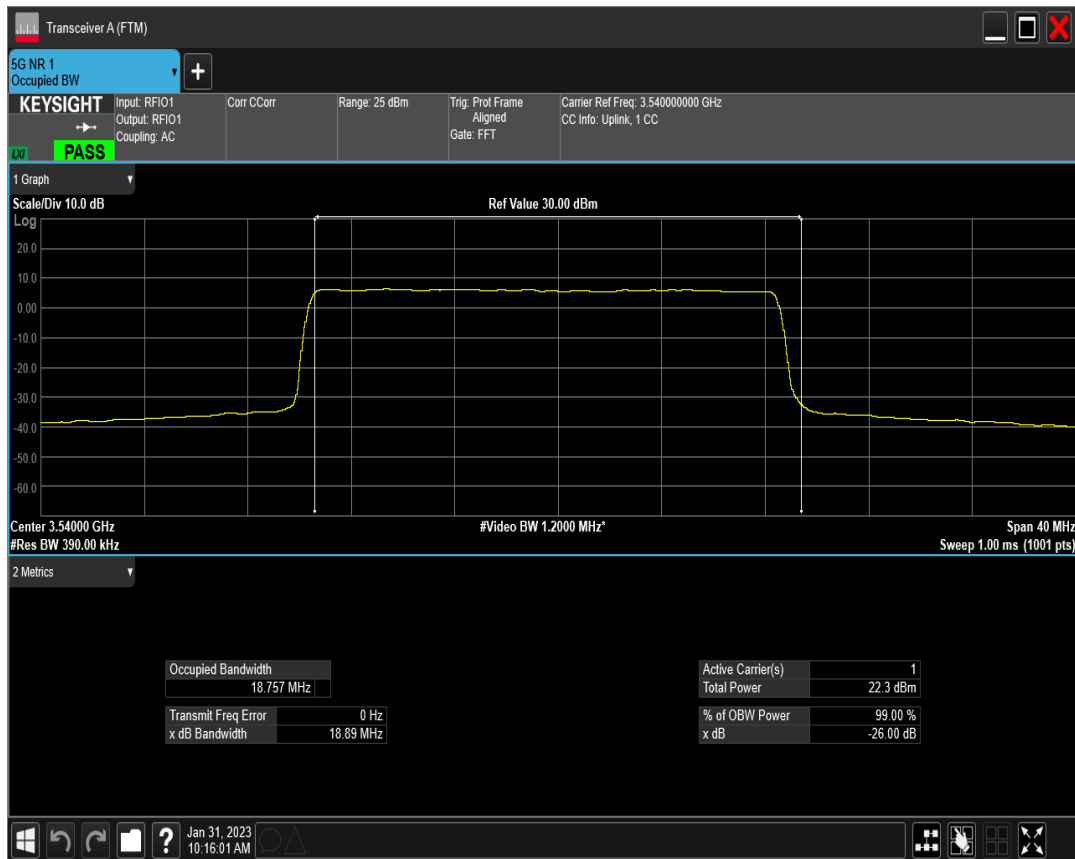
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=636000 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=636000 RB=100@0



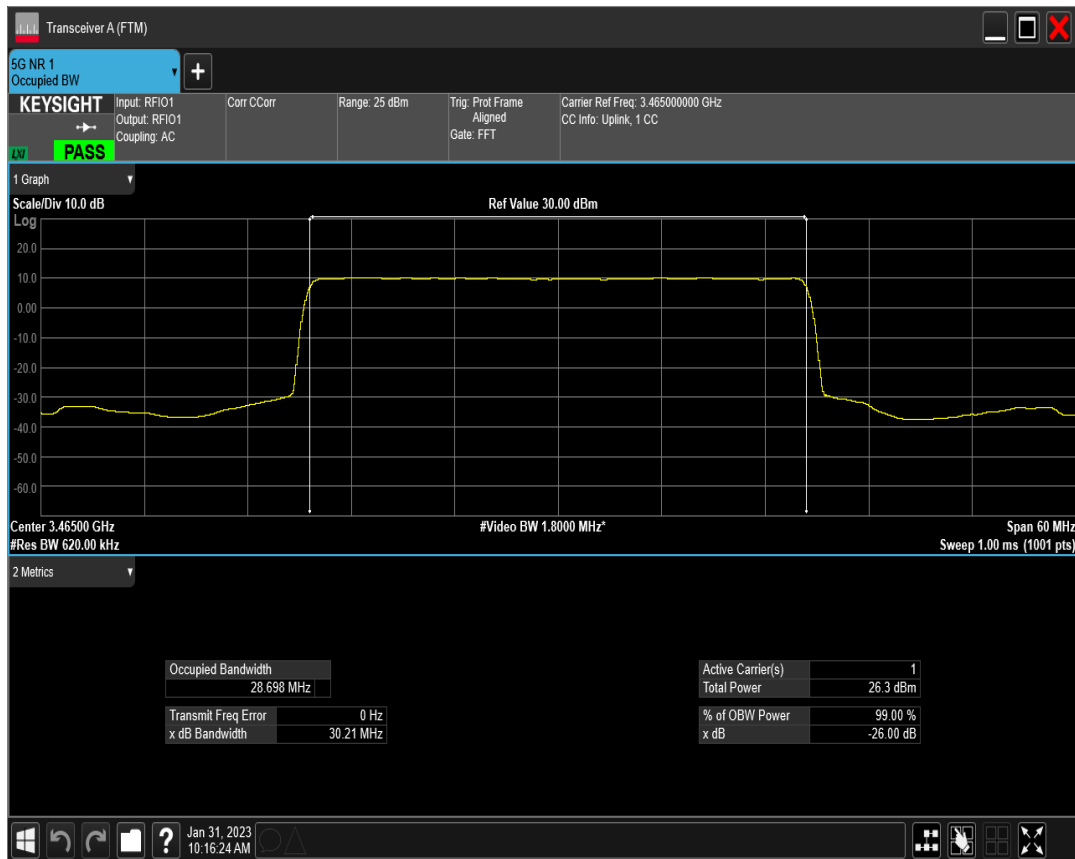
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=636000 RB=100@0



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



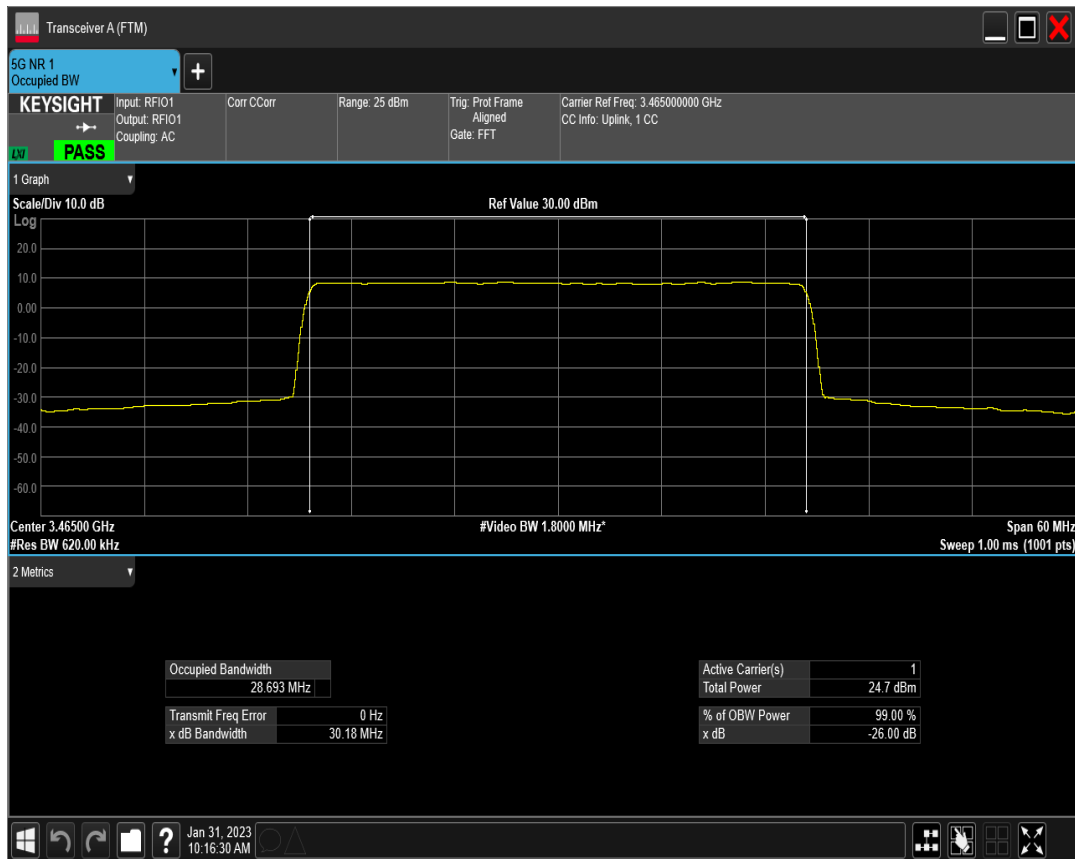
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=631000 RB=160@0



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



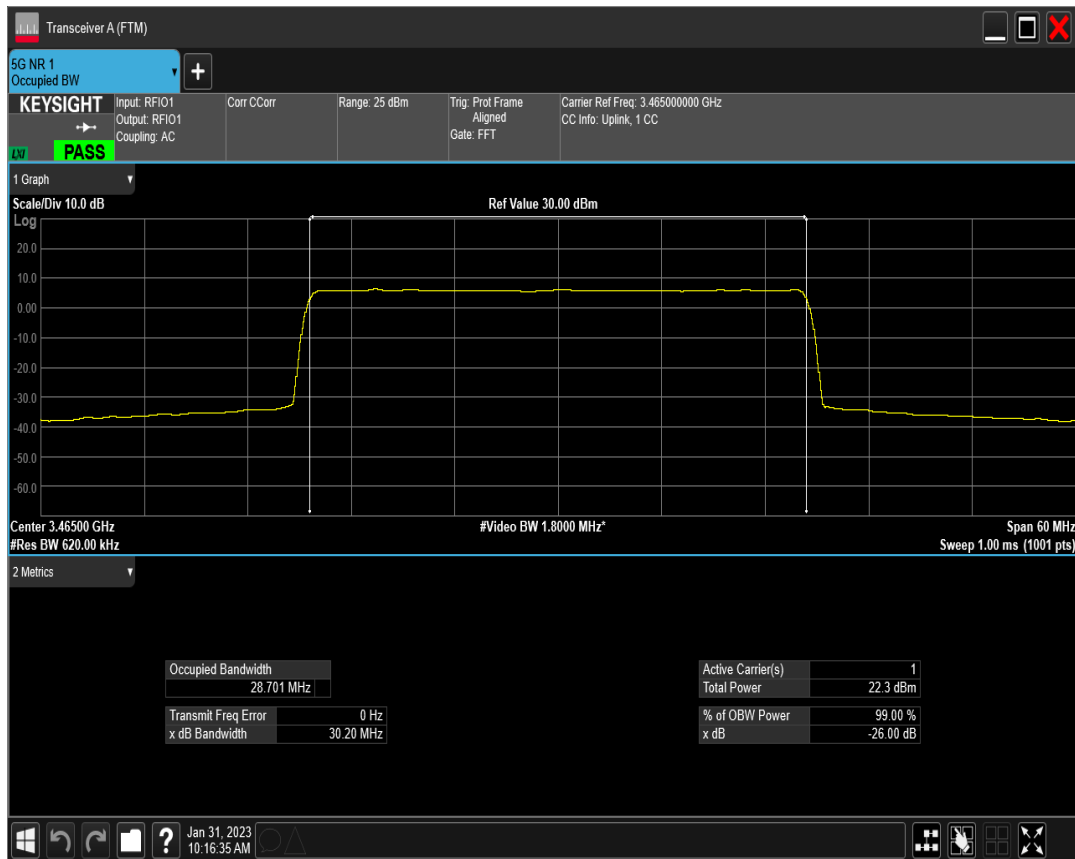
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=631000 RB=160@0



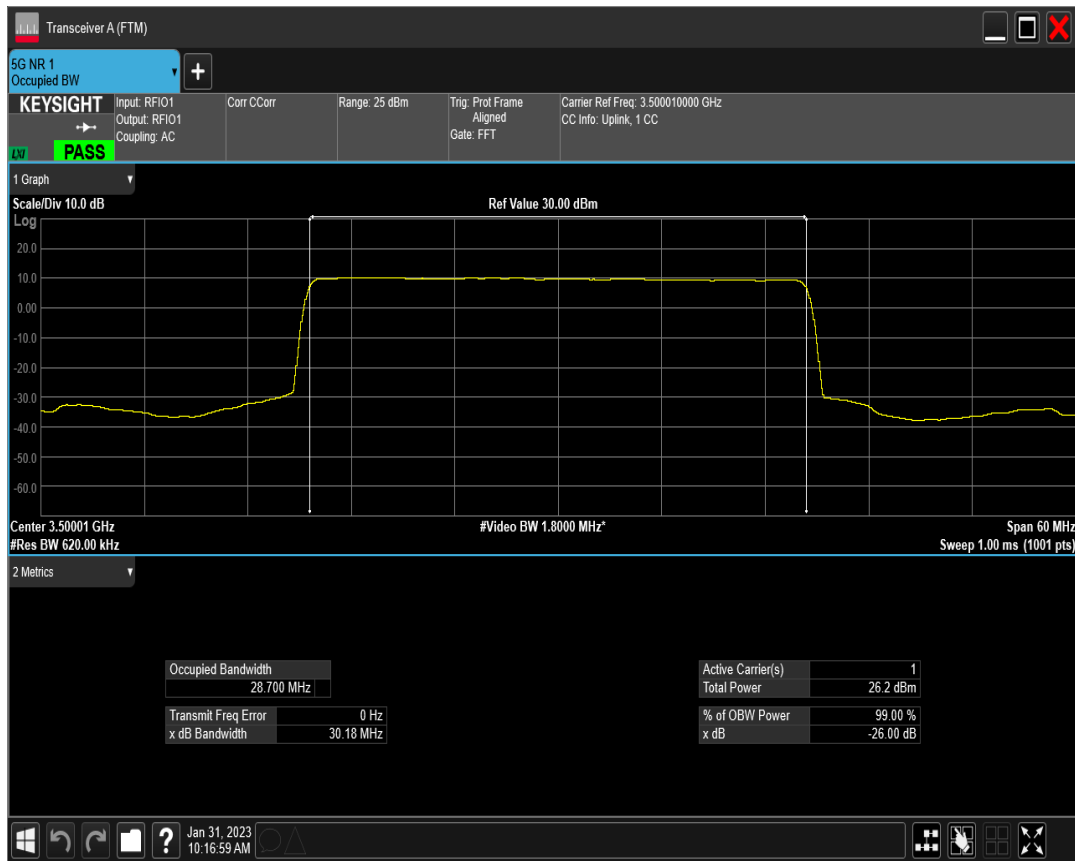
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=631000 RB=160@0



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



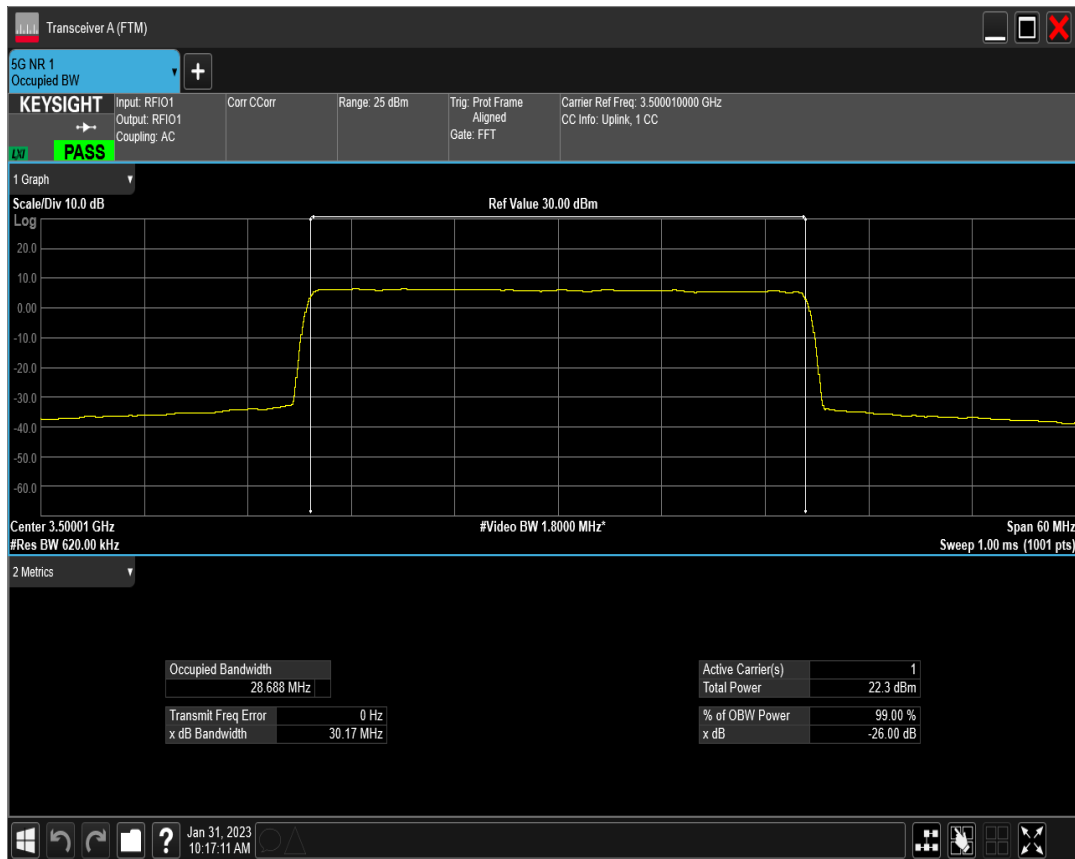
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=633334 RB=160@0



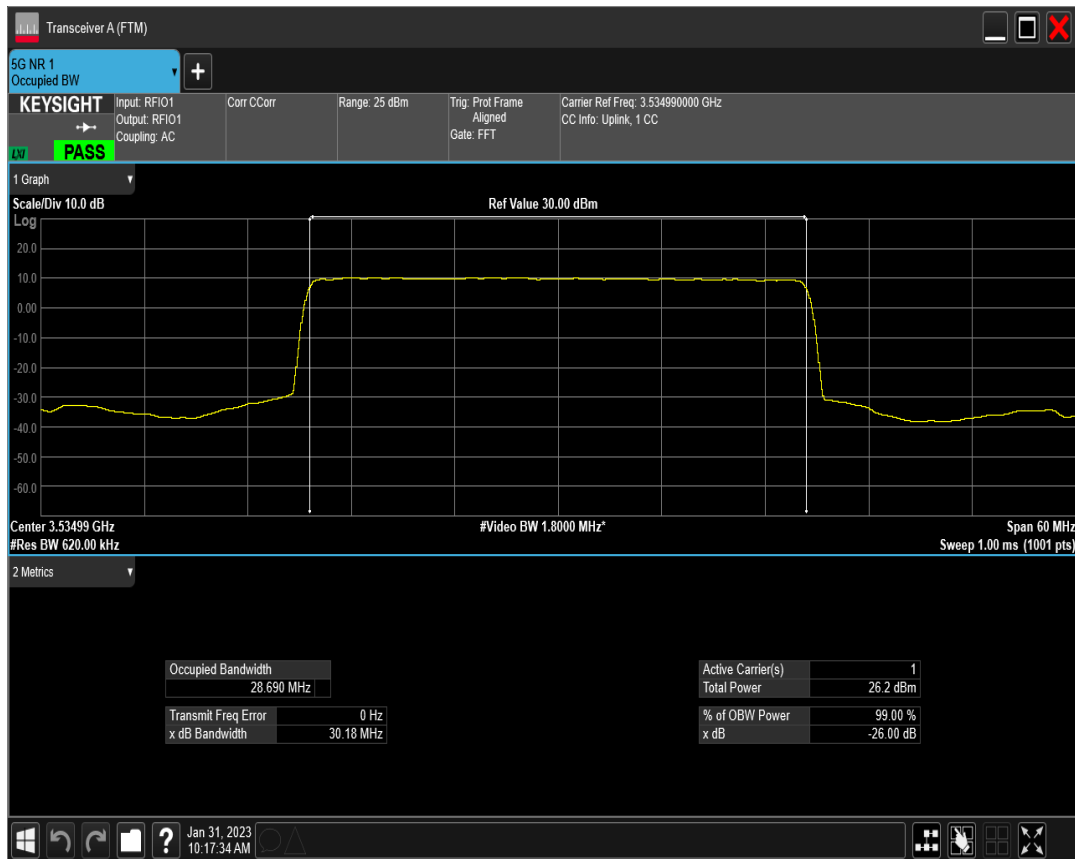
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=633334 RB=160@0



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



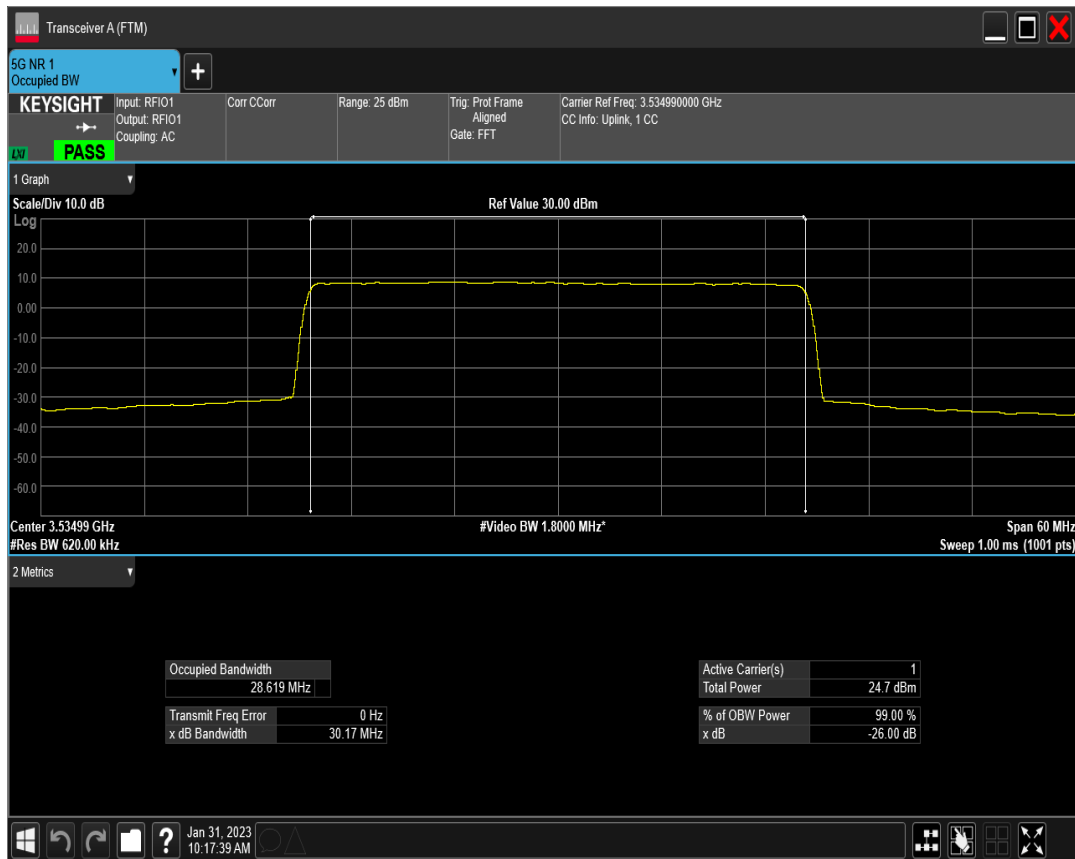
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=635666 RB=160@0



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



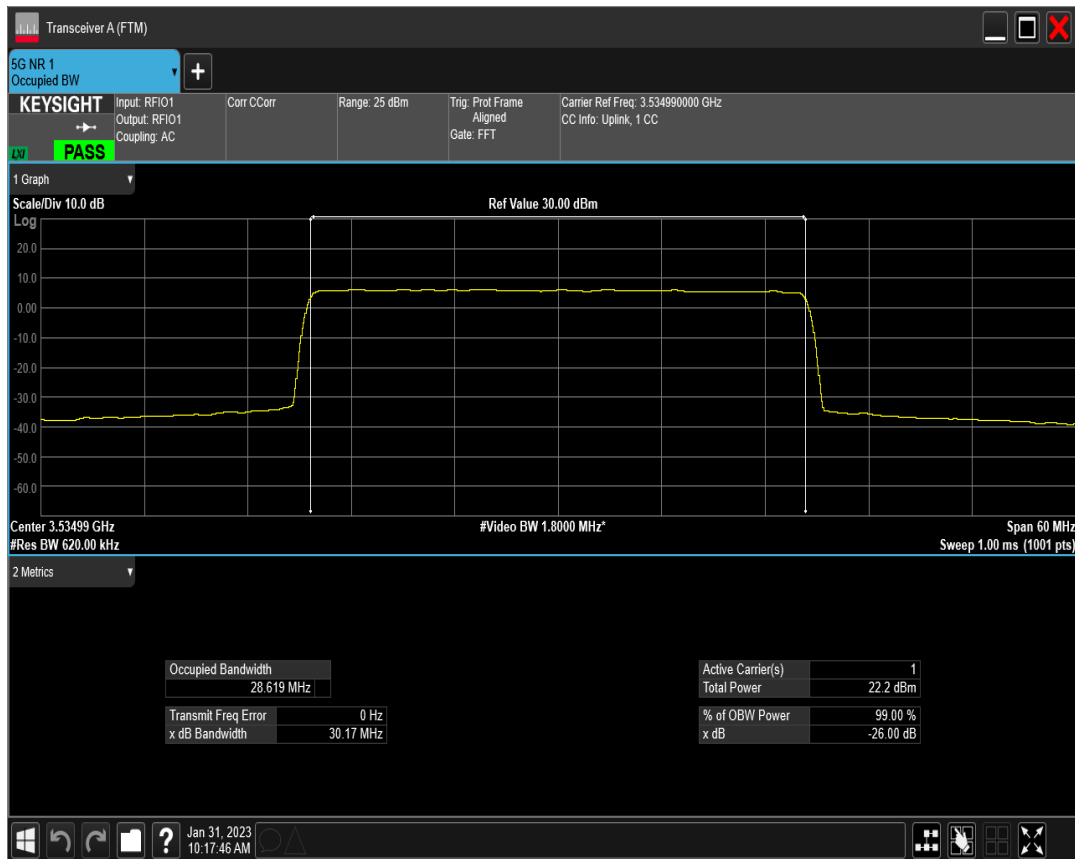
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=635666 RB=160@0



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



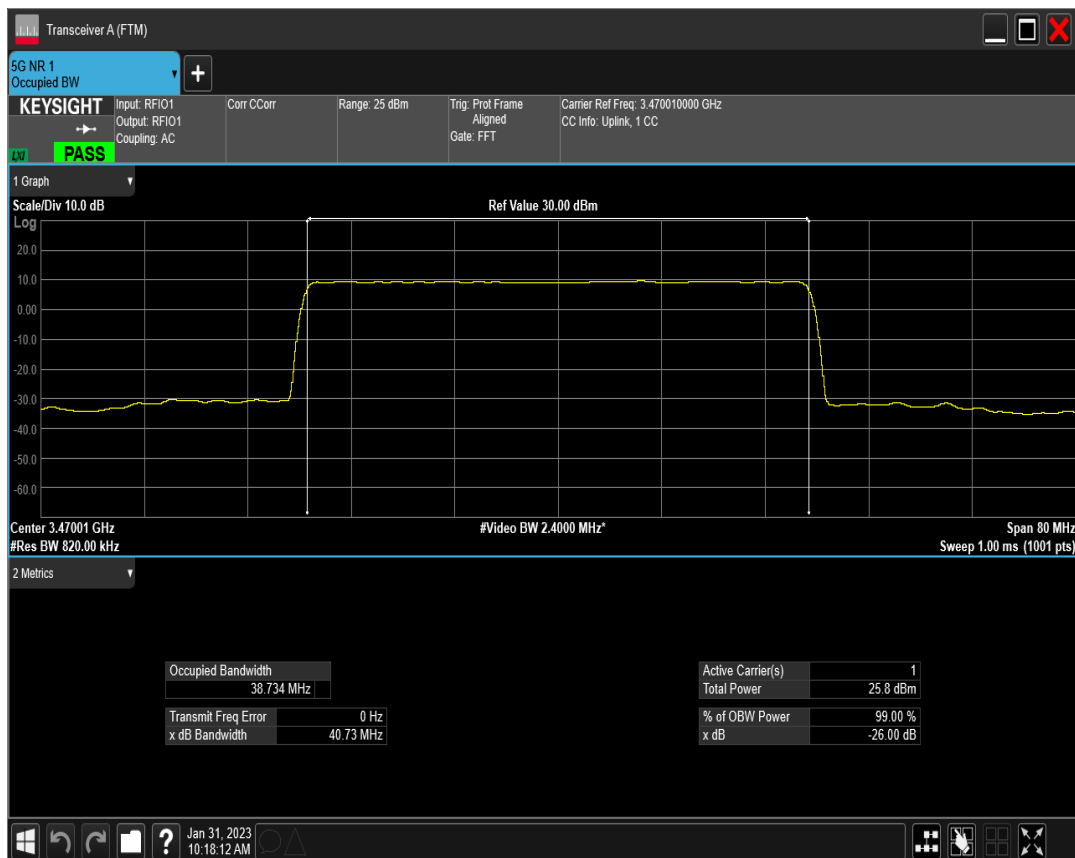
n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=635666 RB=160@0



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



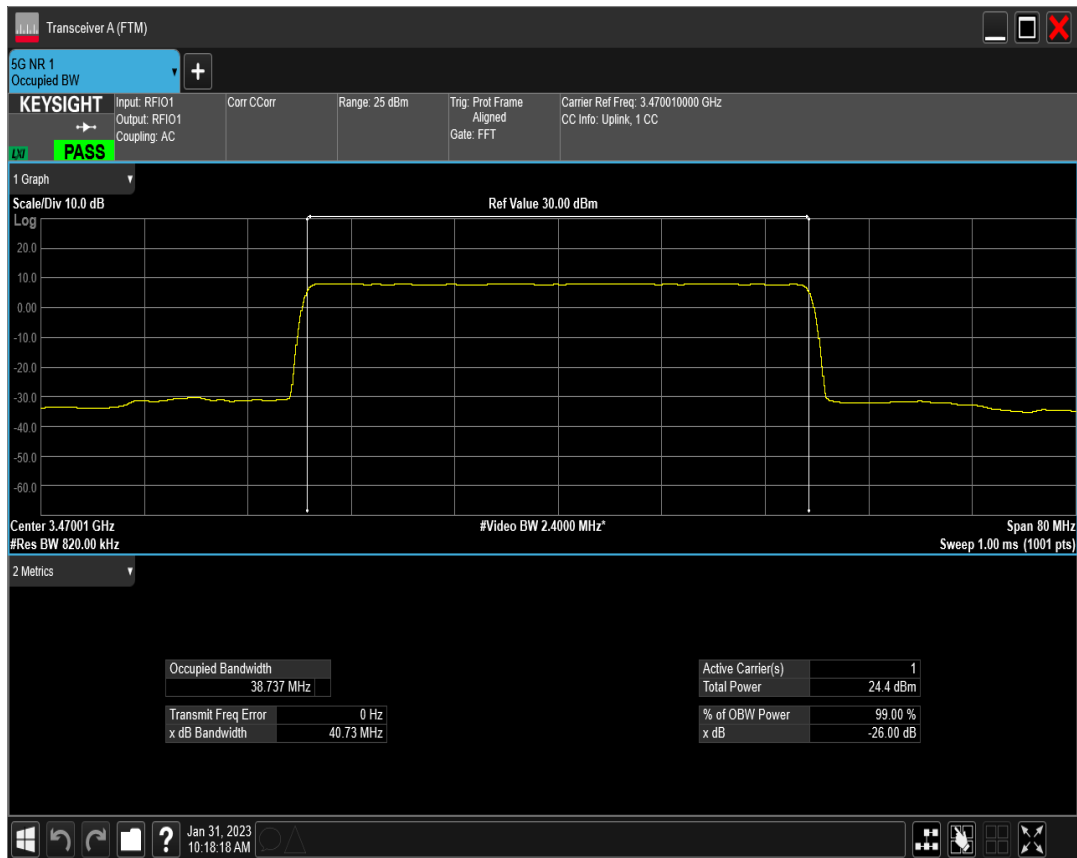
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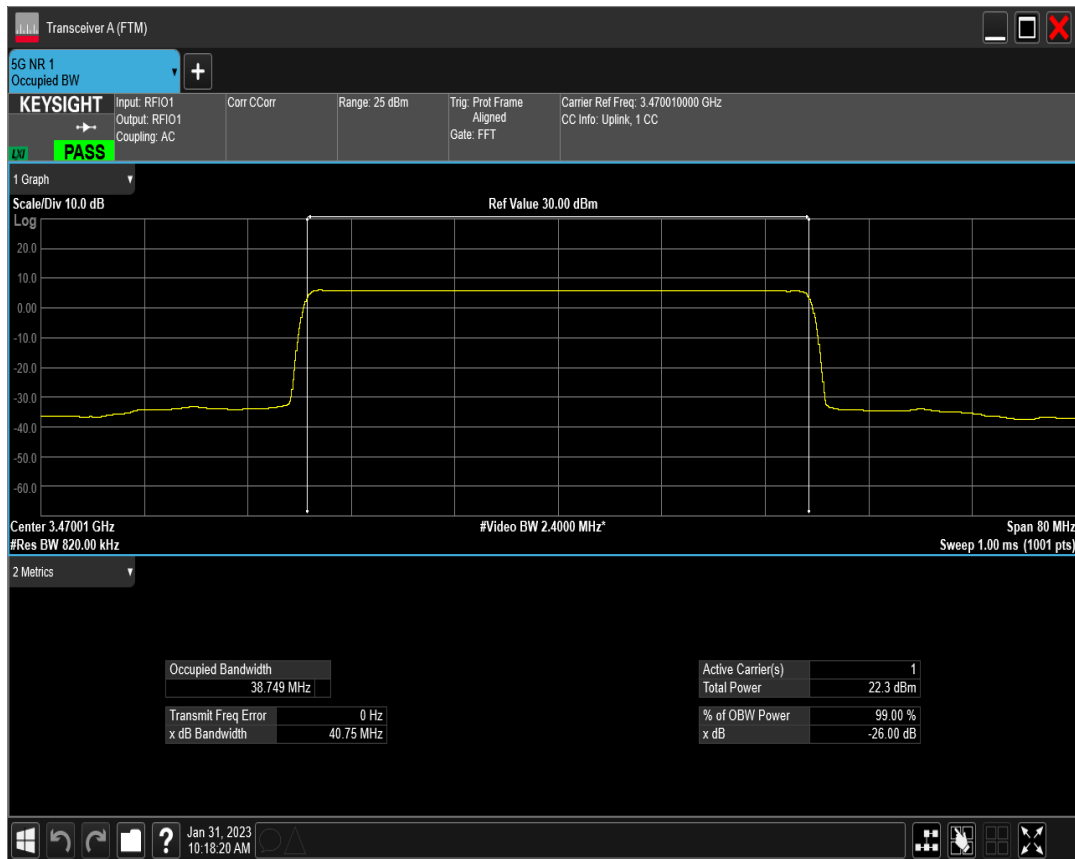
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=631334 RB=216@0



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



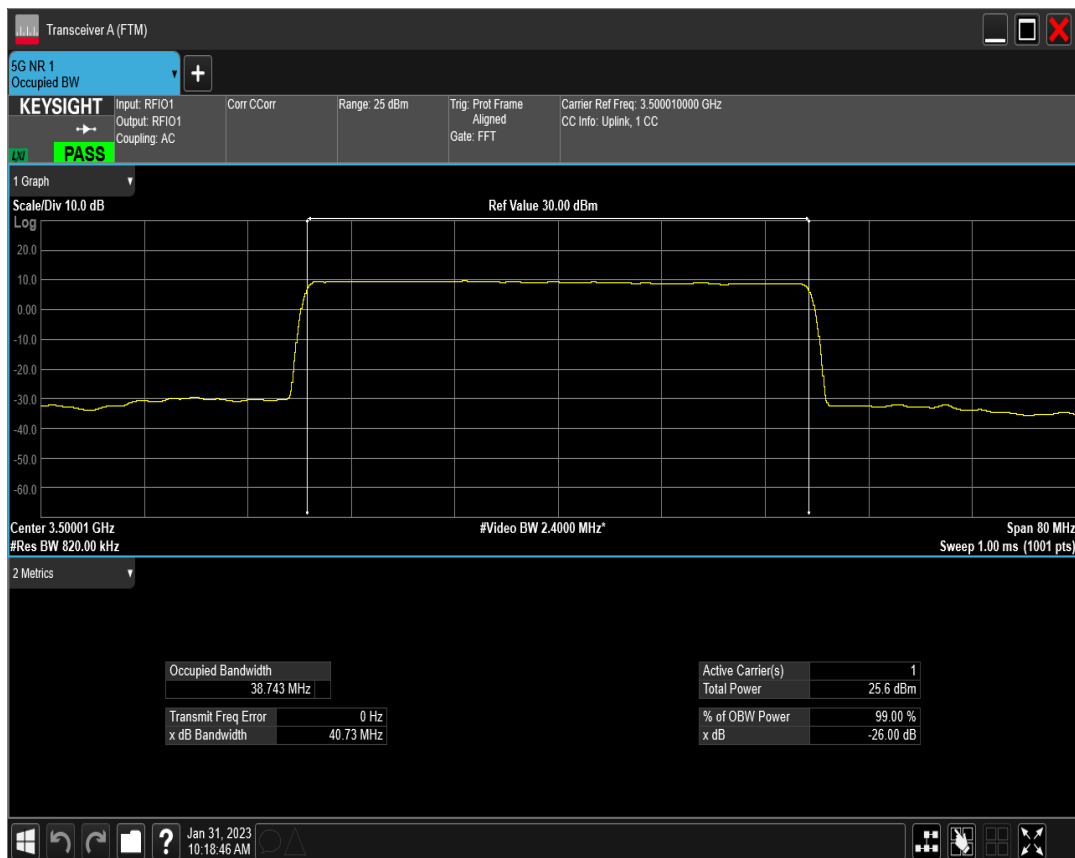
n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=631334 RB=216@0



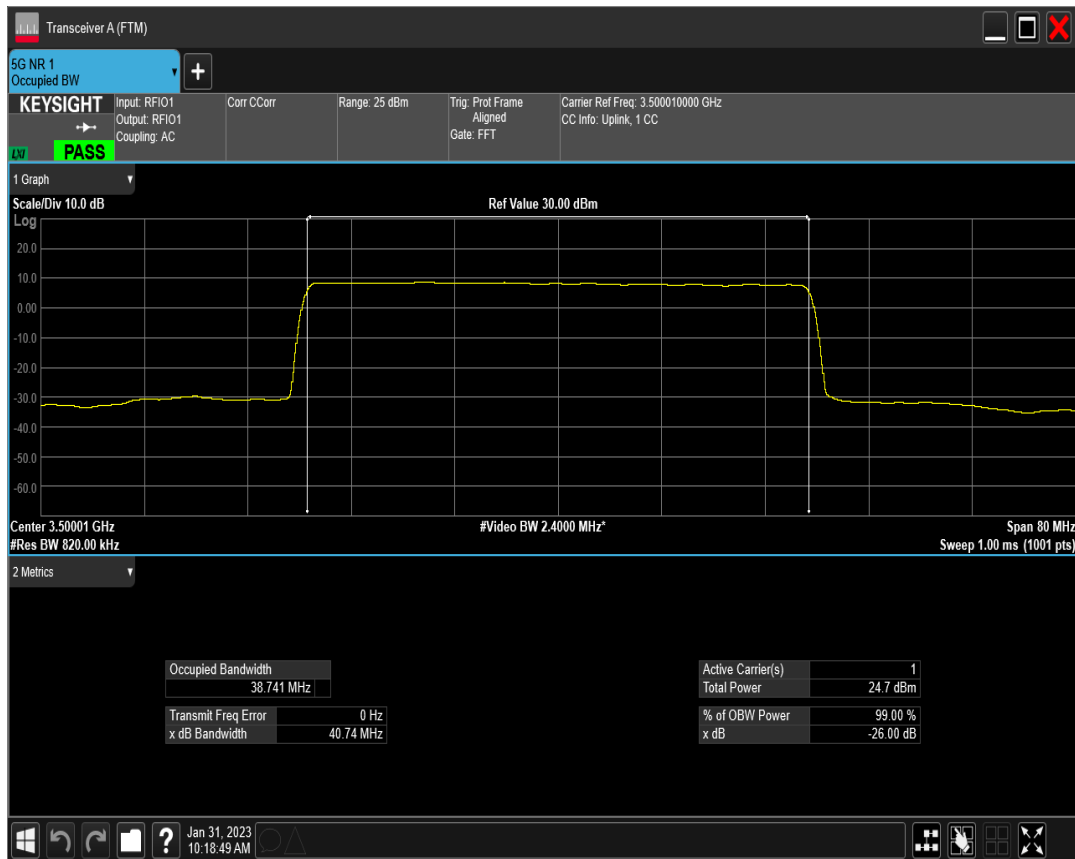
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=633334 RB=216@0



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



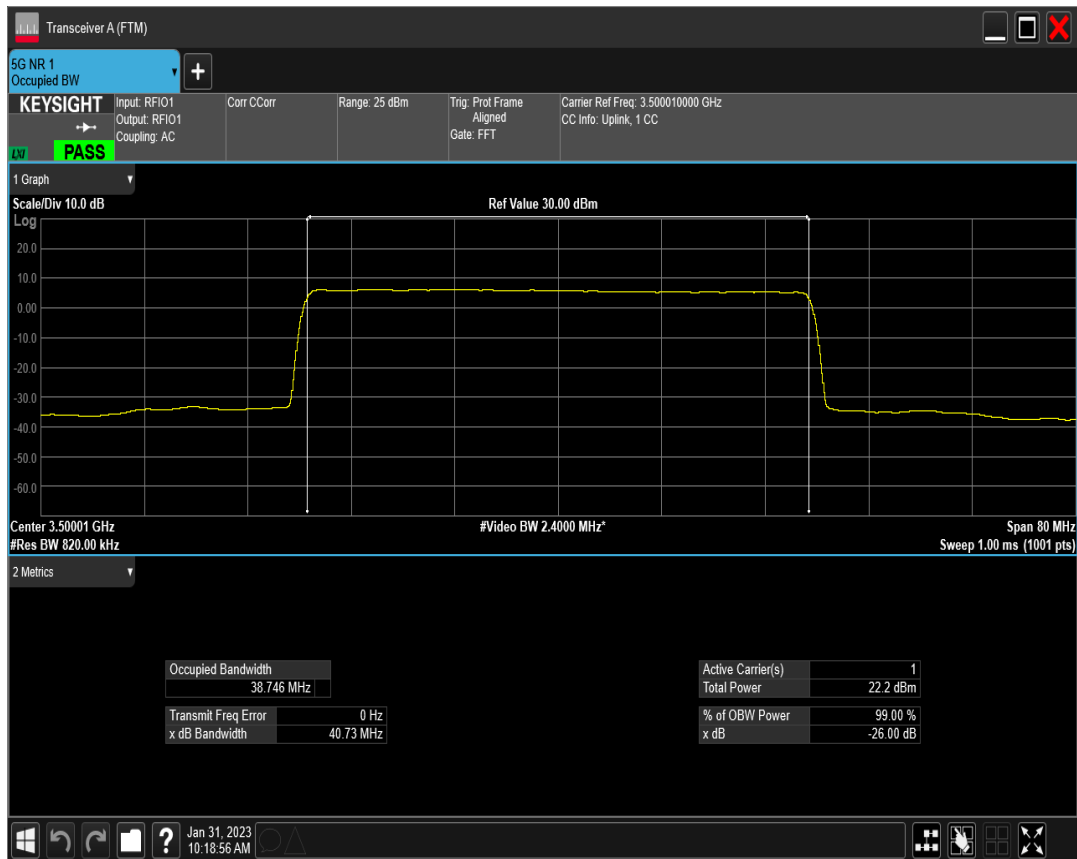
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=633334 RB=216@0



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



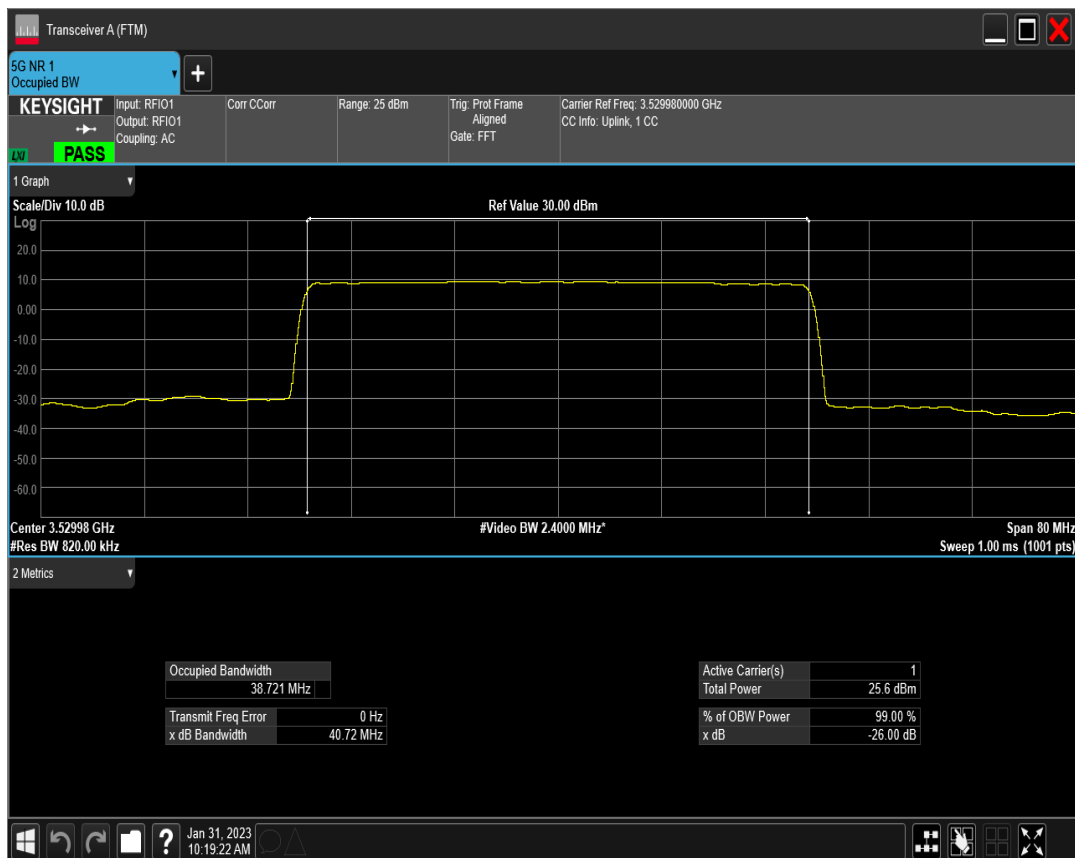
n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=633334 RB=216@0



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



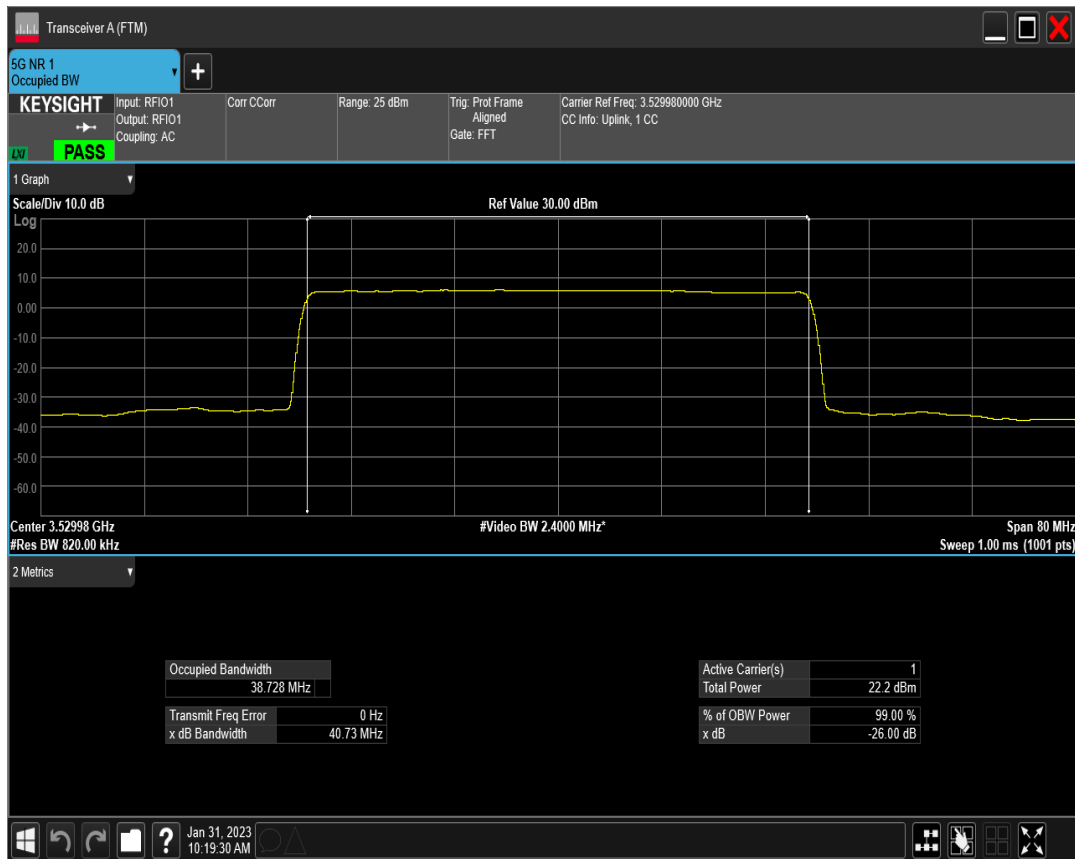
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=635332 RB=216@0



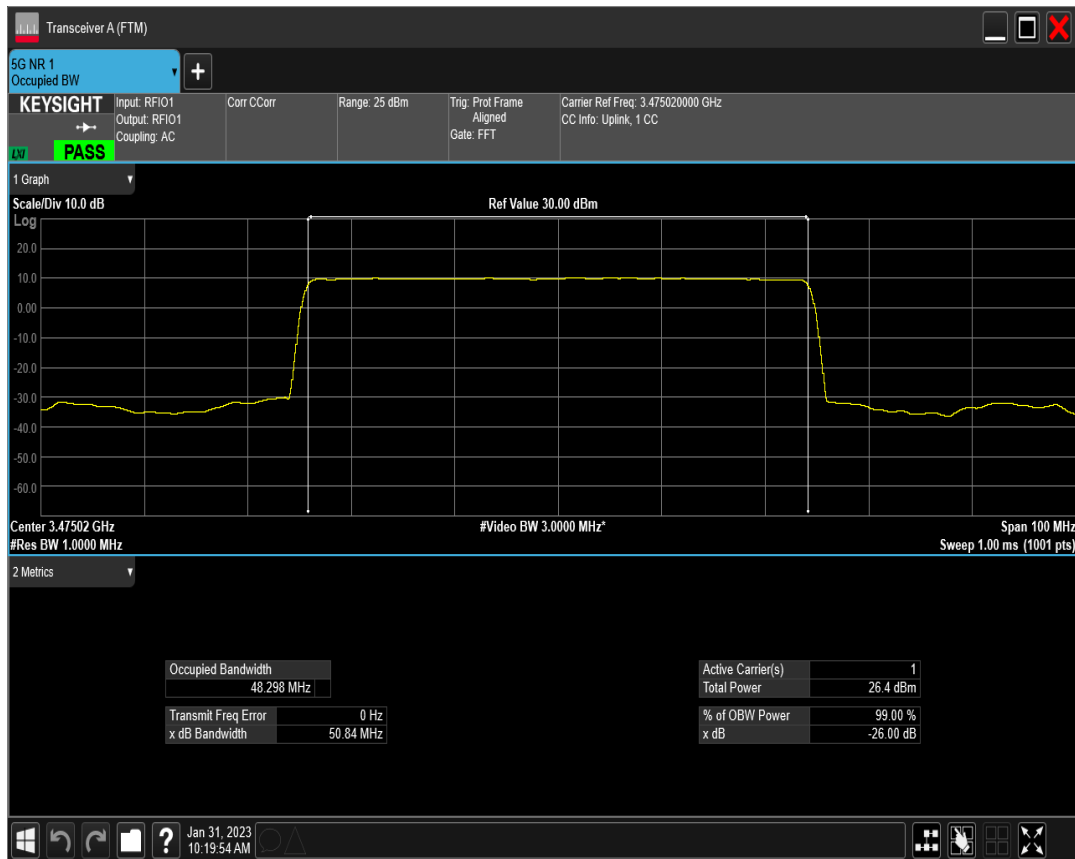
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=635332 RB=216@0



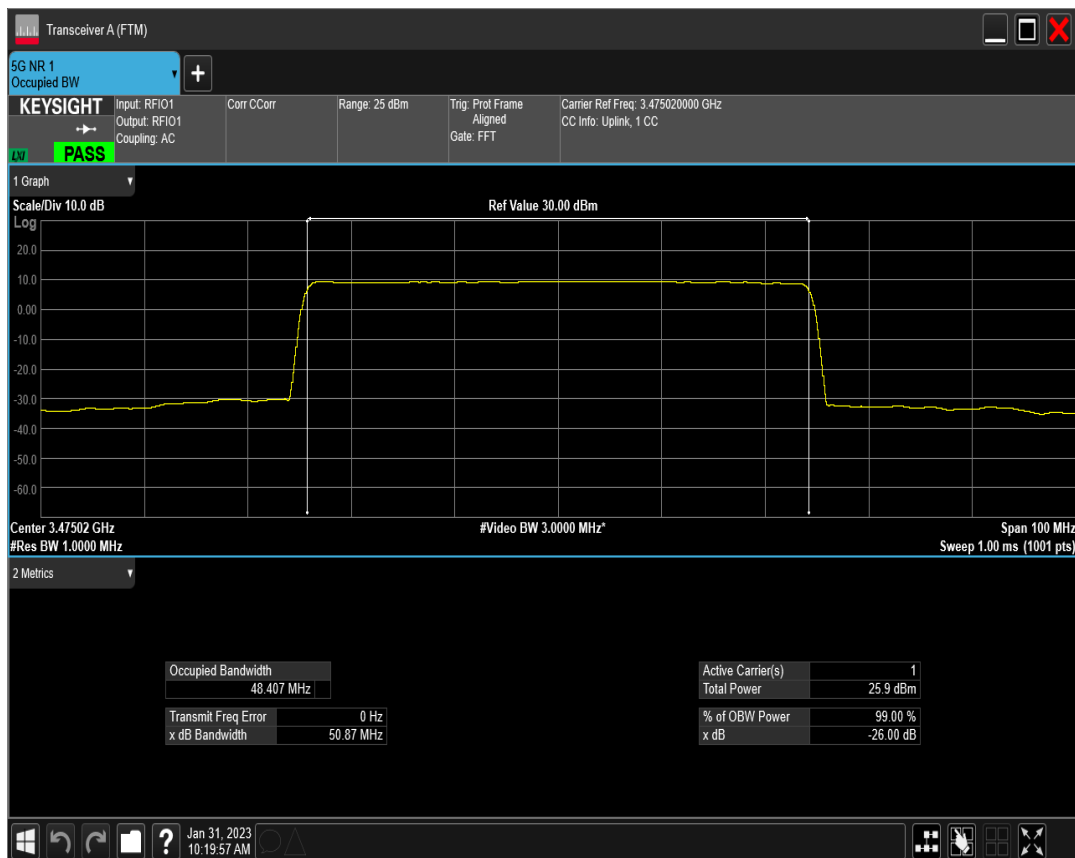
n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=635332 RB=216@0



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



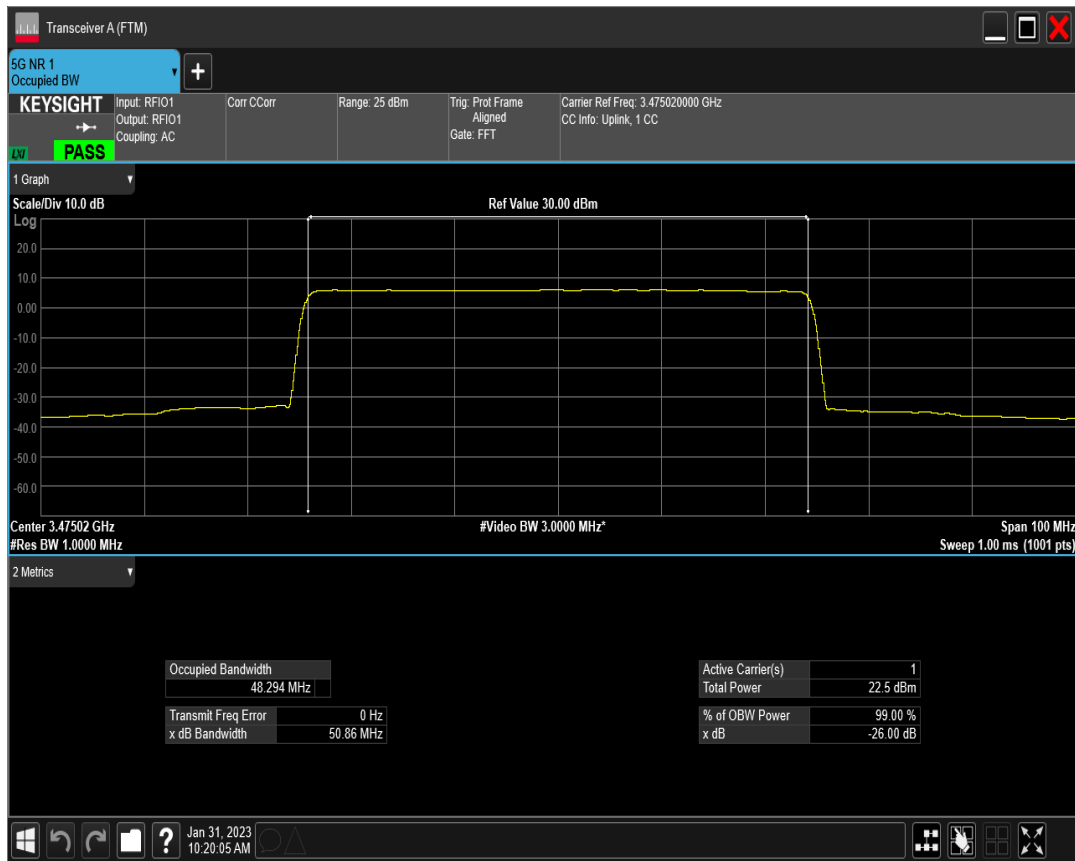
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=631668 RB=270@0



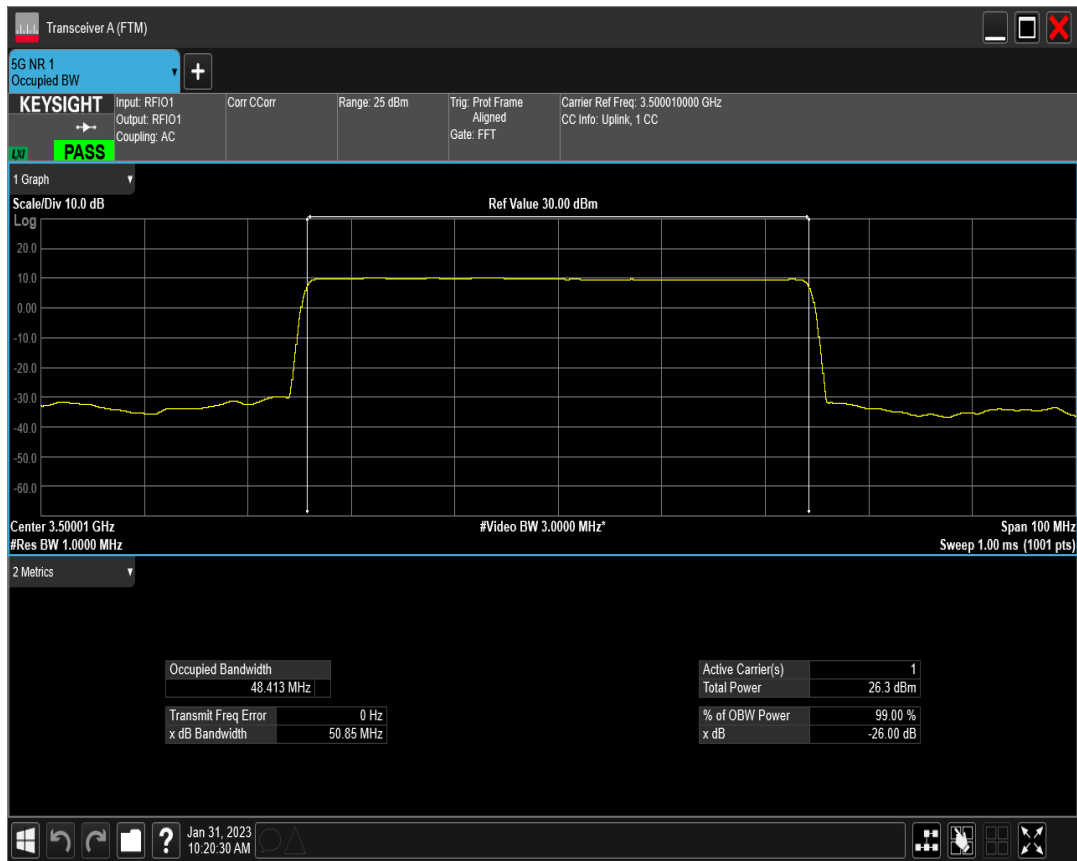
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=631668 RB=270@0



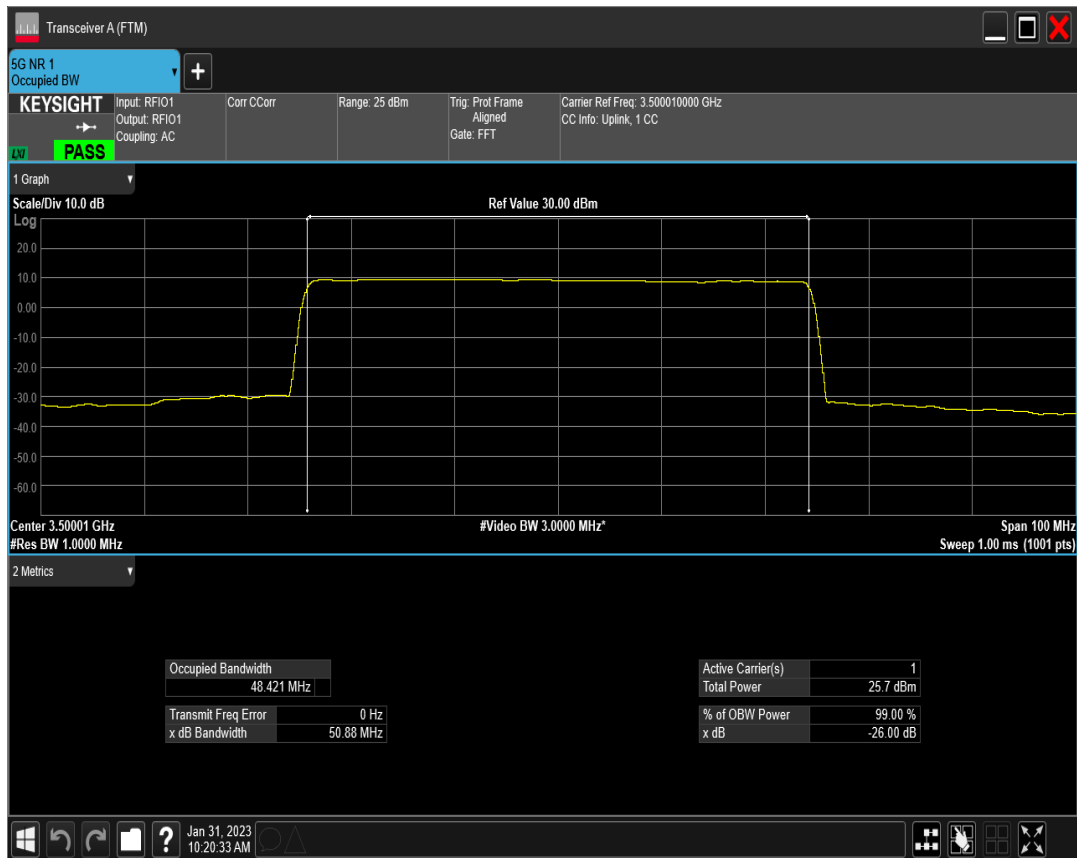
n77(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=631668 RB=270@0



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



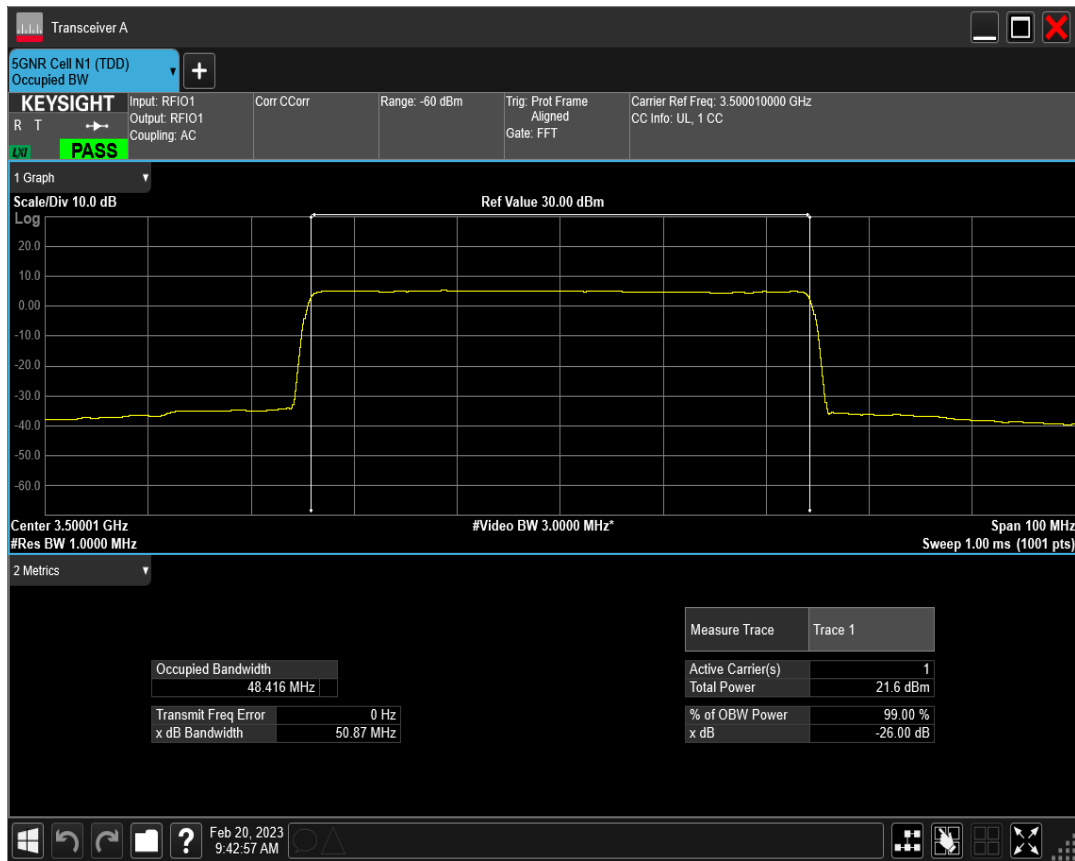
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



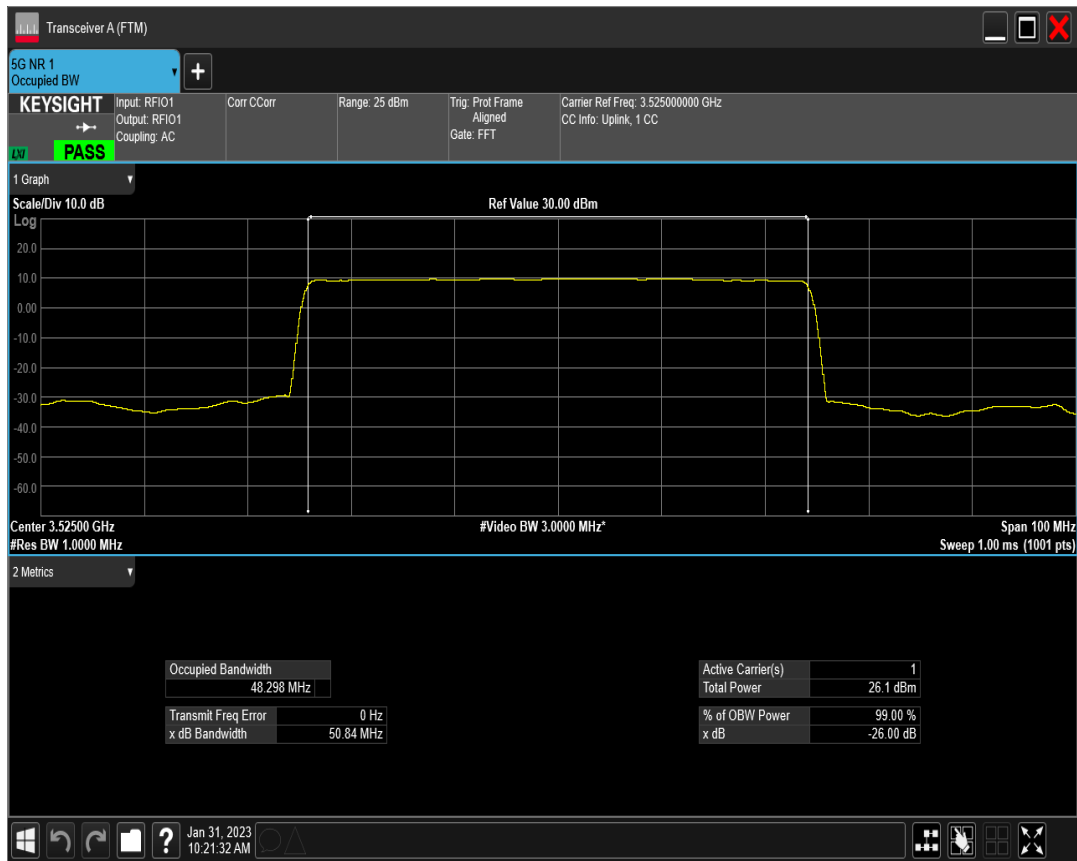
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



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



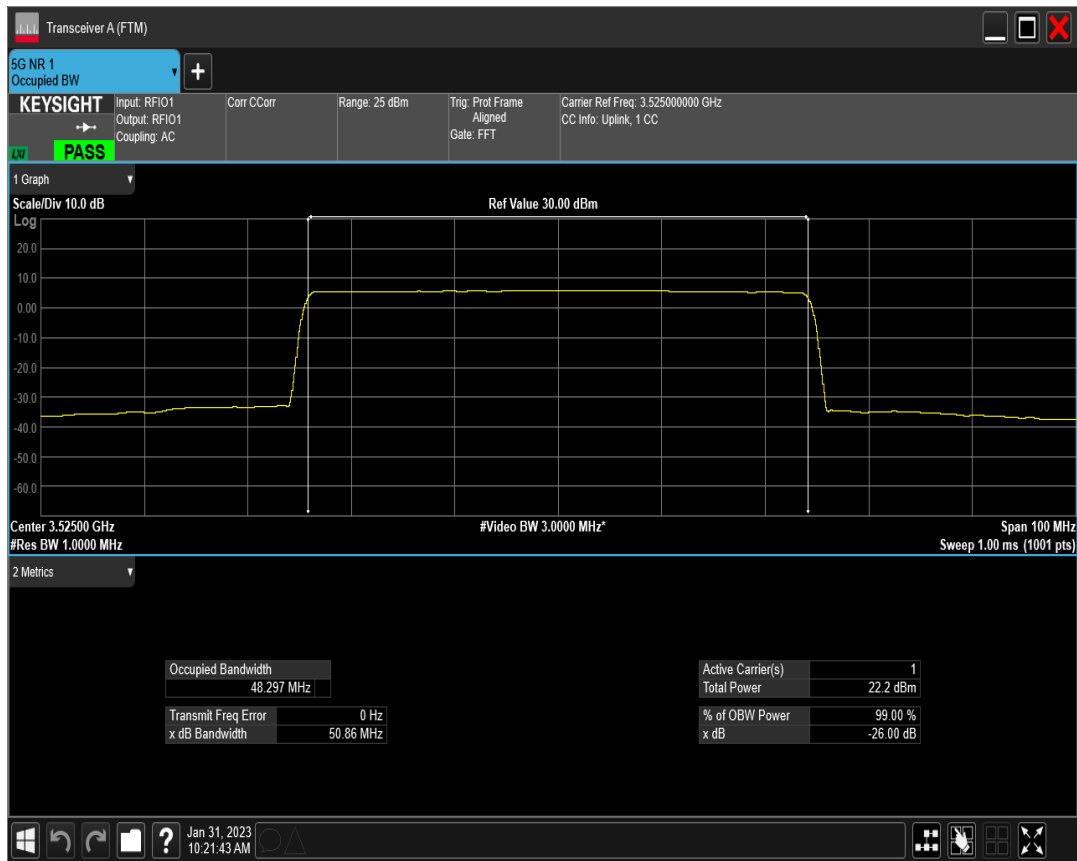
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=635000 RB=270@0



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



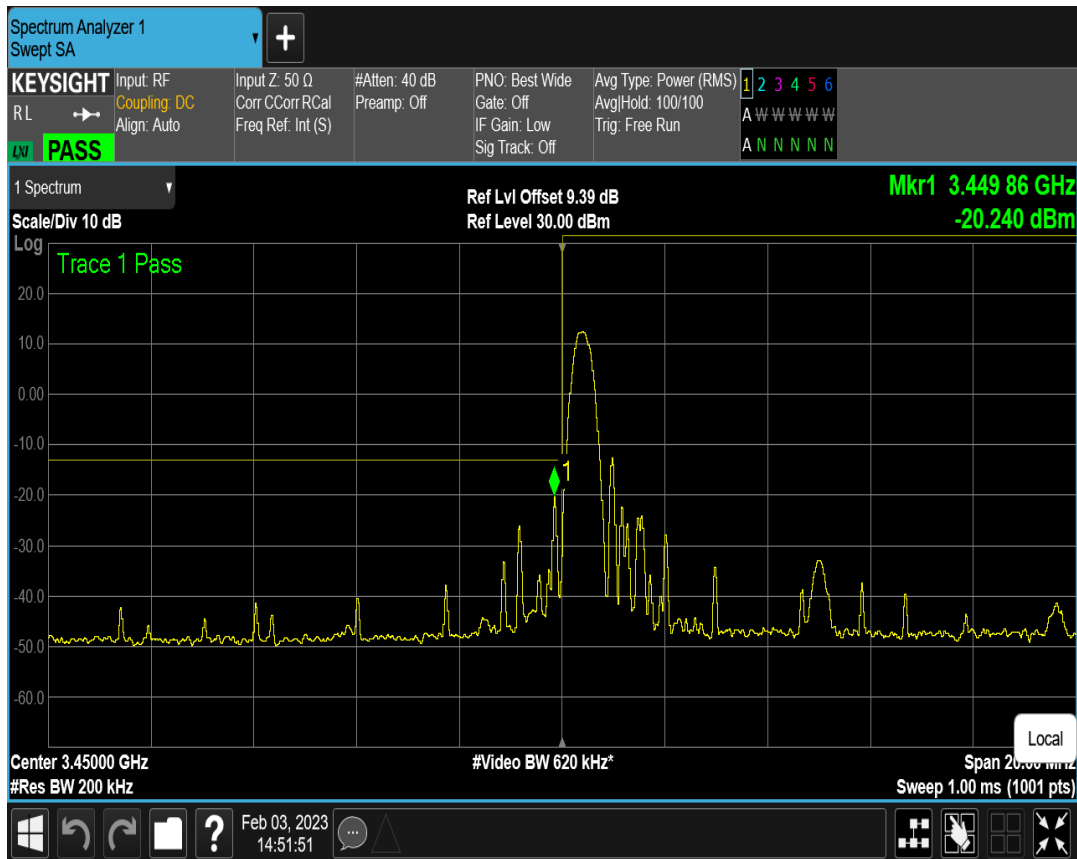
5 Band edge for NR FR1

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	3449.66	-33.59	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.86	-20.23	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3552.54	-40.93	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.06	-15.94	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3450.00	-36.49	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3449.30	-30.90	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.20	-35.74	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.00	-42.45	-13	PASS

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



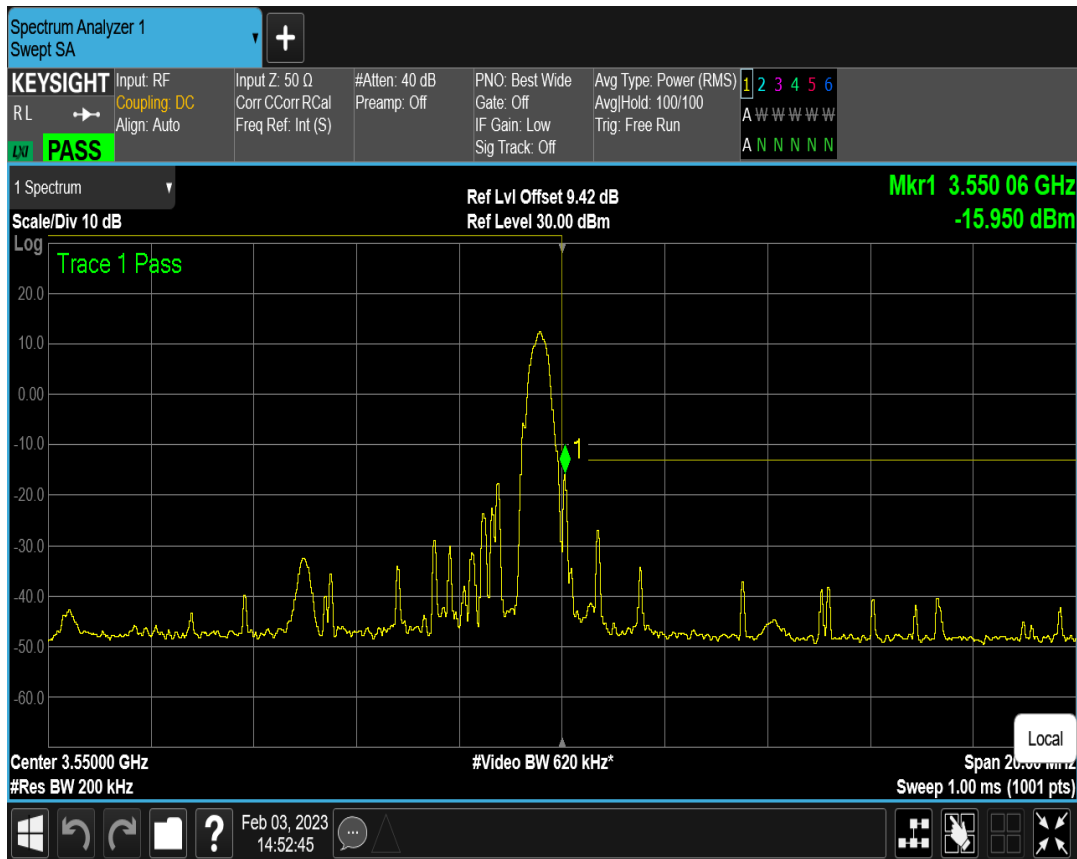
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



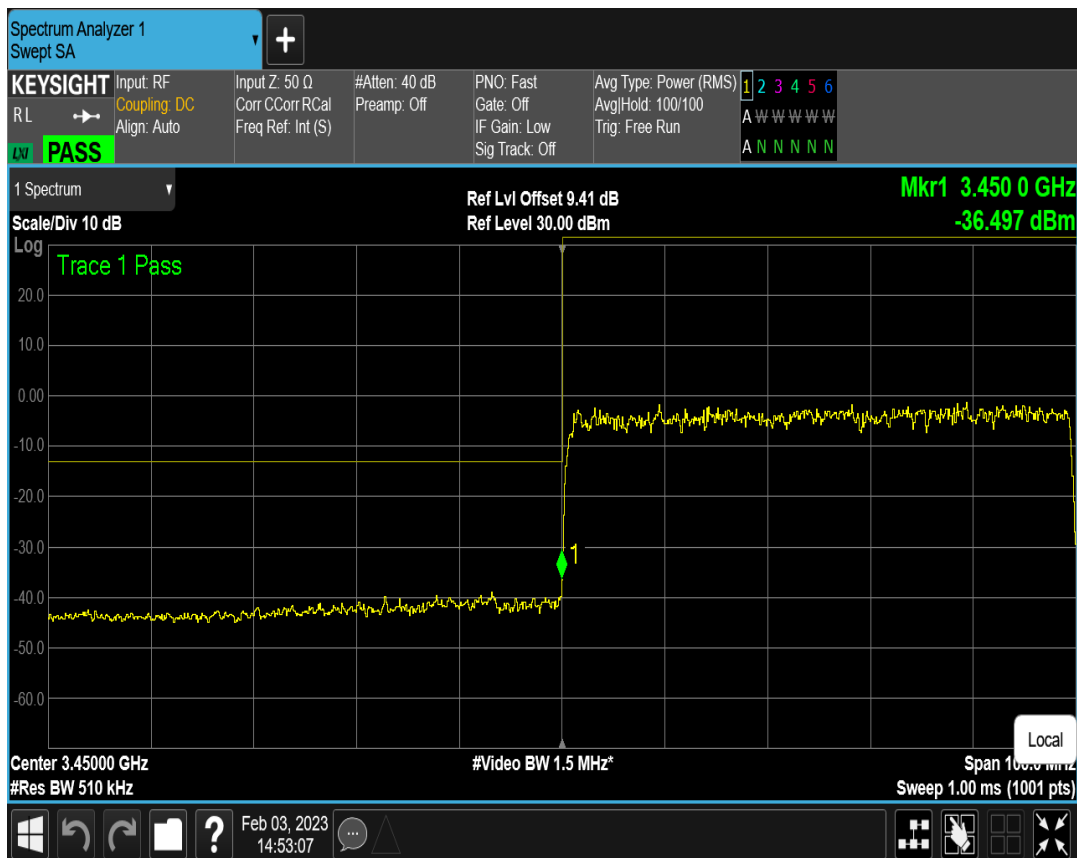
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



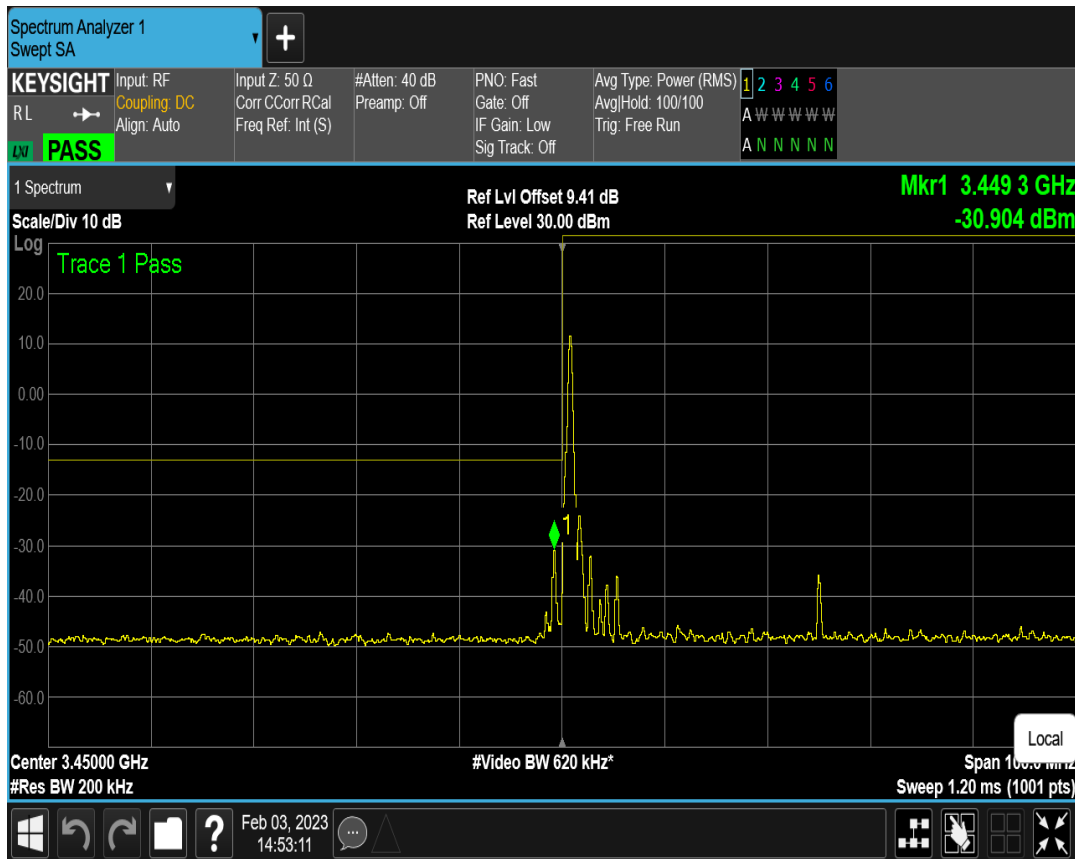
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



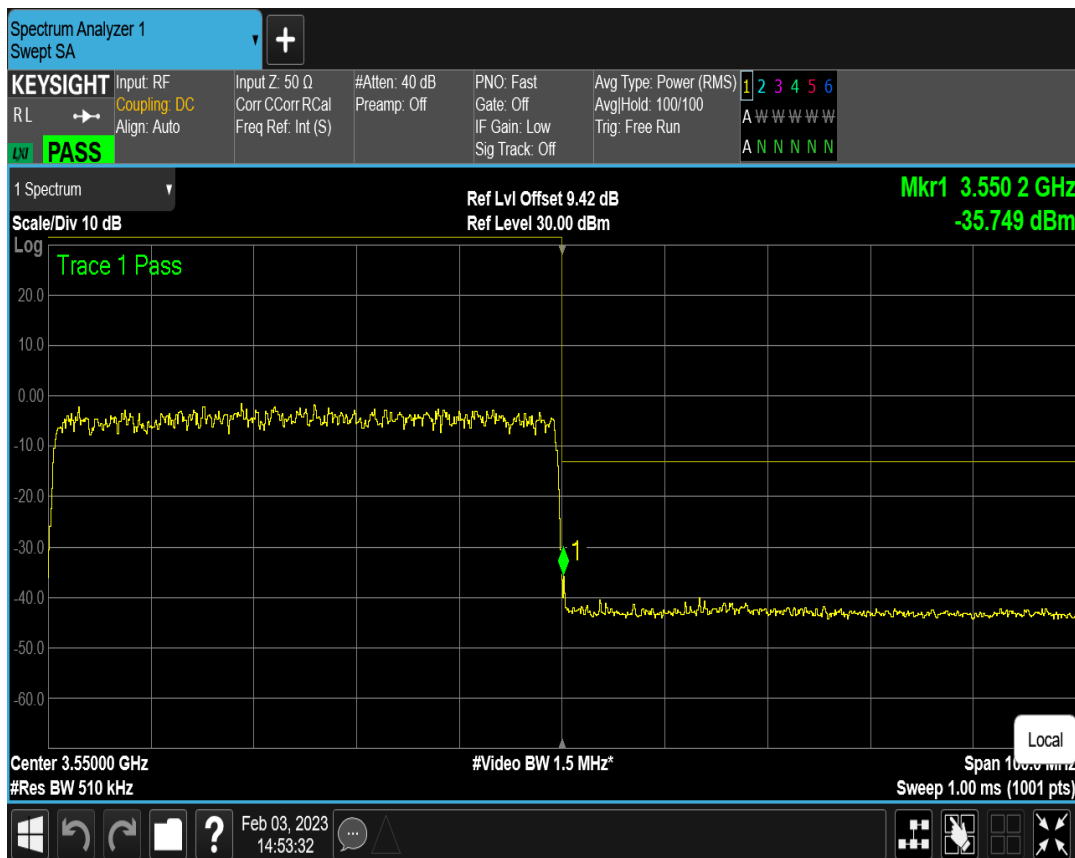
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



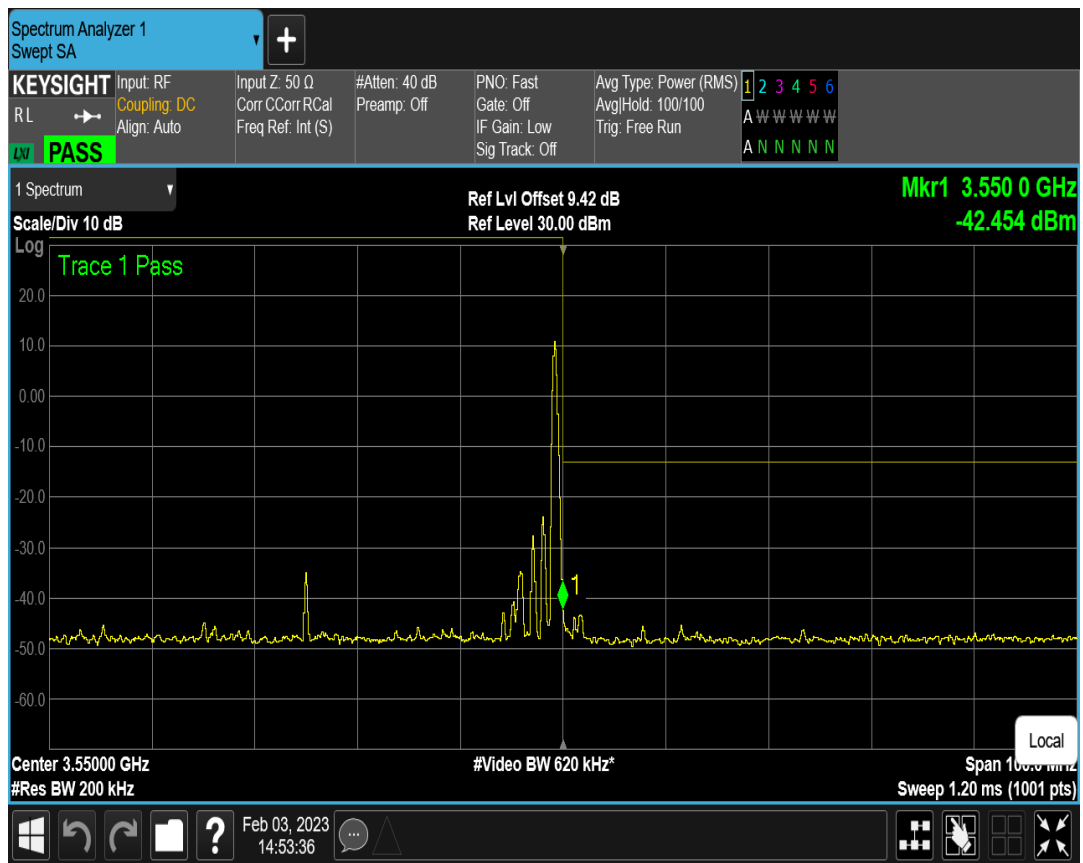
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@0



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



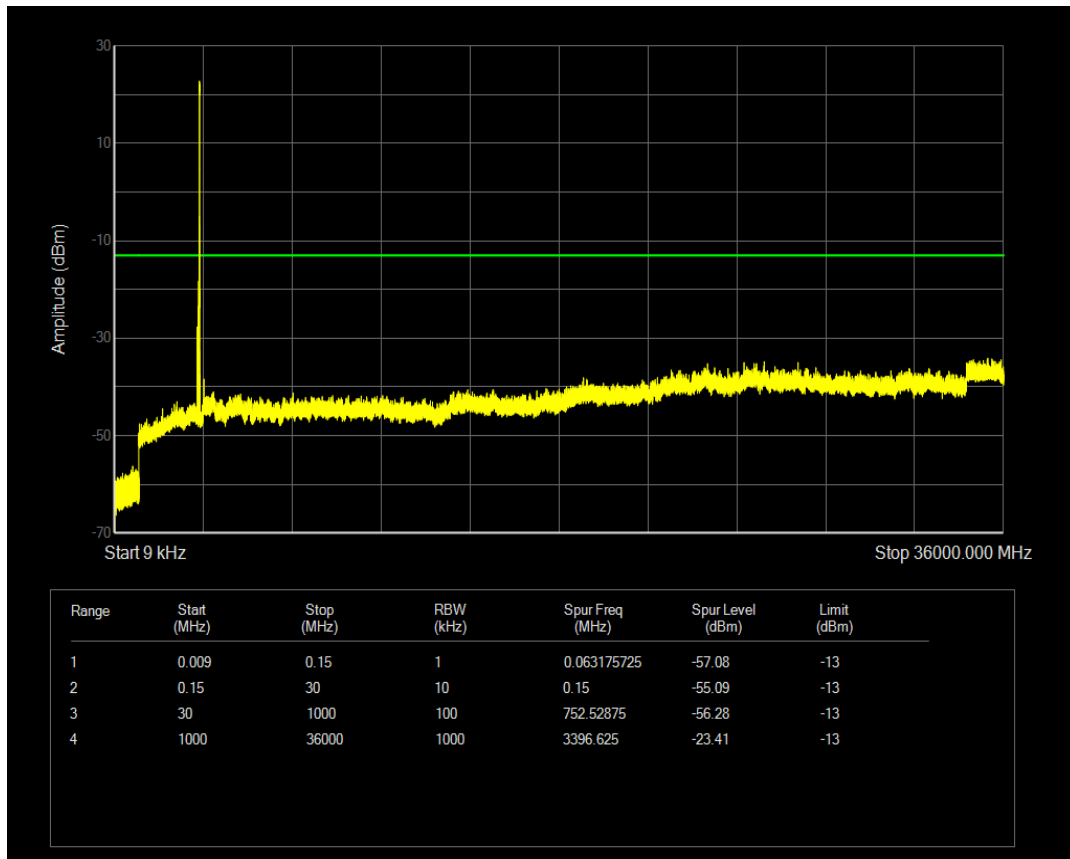
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1@269



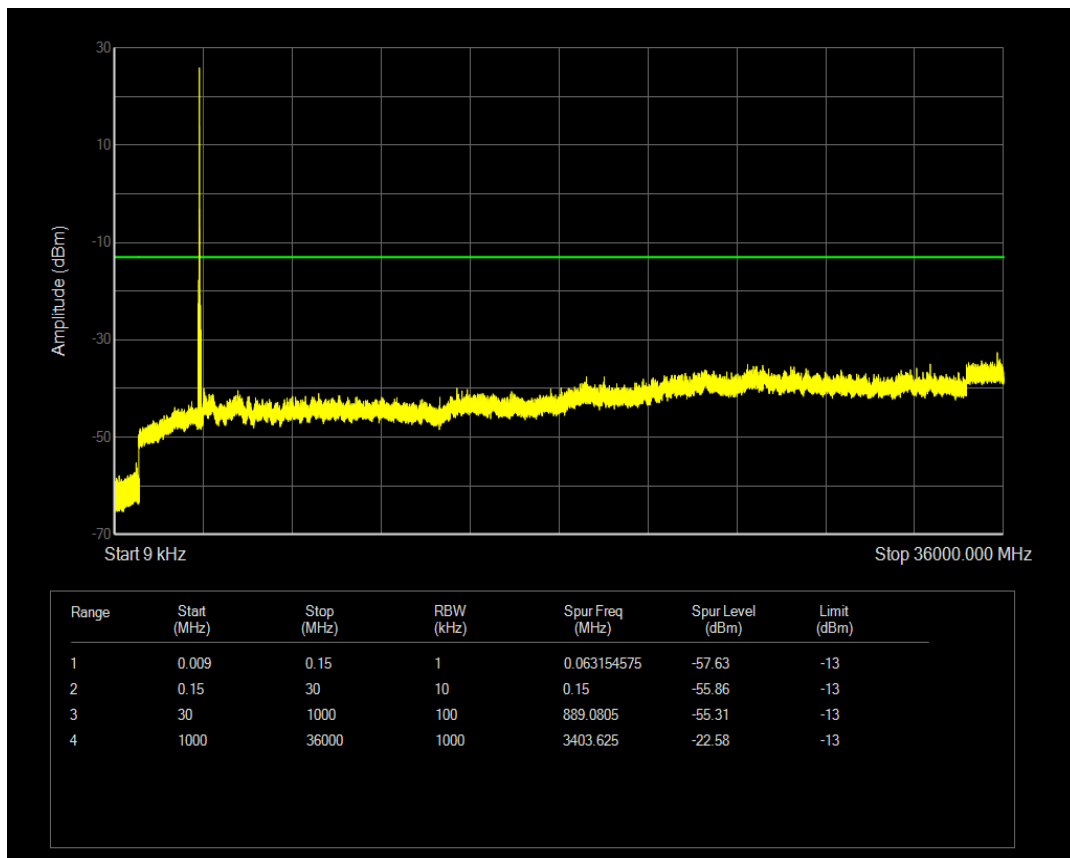
6 Out-of-band emissions for NR FR1

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	3396.63	-23.41	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3403.63	-22.58	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	3382.63	-28.45	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	3598.75	-29.42	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	3395.75	-31.77	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	35860.88	-33.28	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3601.38	-25.86	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	3601.38	-25.39	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3645.13	-32.08	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	35740.13	-34.08	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	35731.38	-33.88	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	35784.75	-34.21	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	35372.63	-33.03	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	35620.25	-34.50	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	34725.13	-33.87	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	35755.88	-33.65	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	35617.63	-33.66	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	35792.63	-33.80	-13	PASS

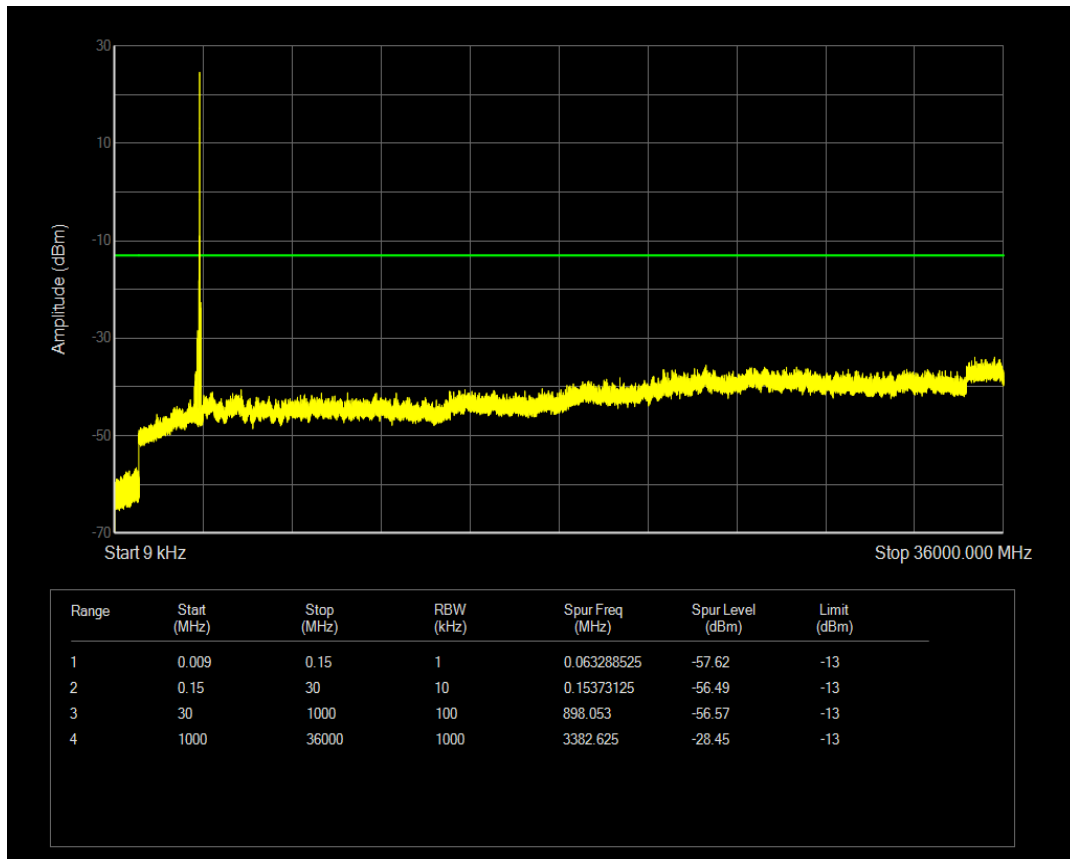
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



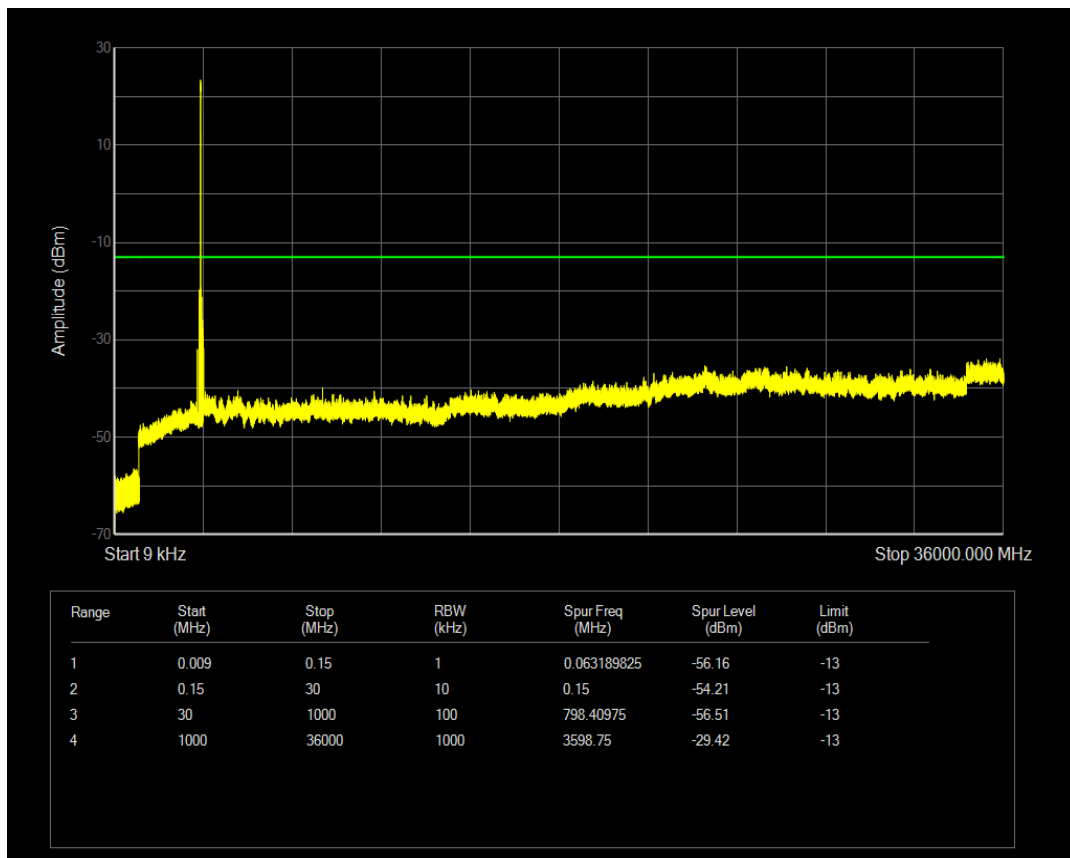
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



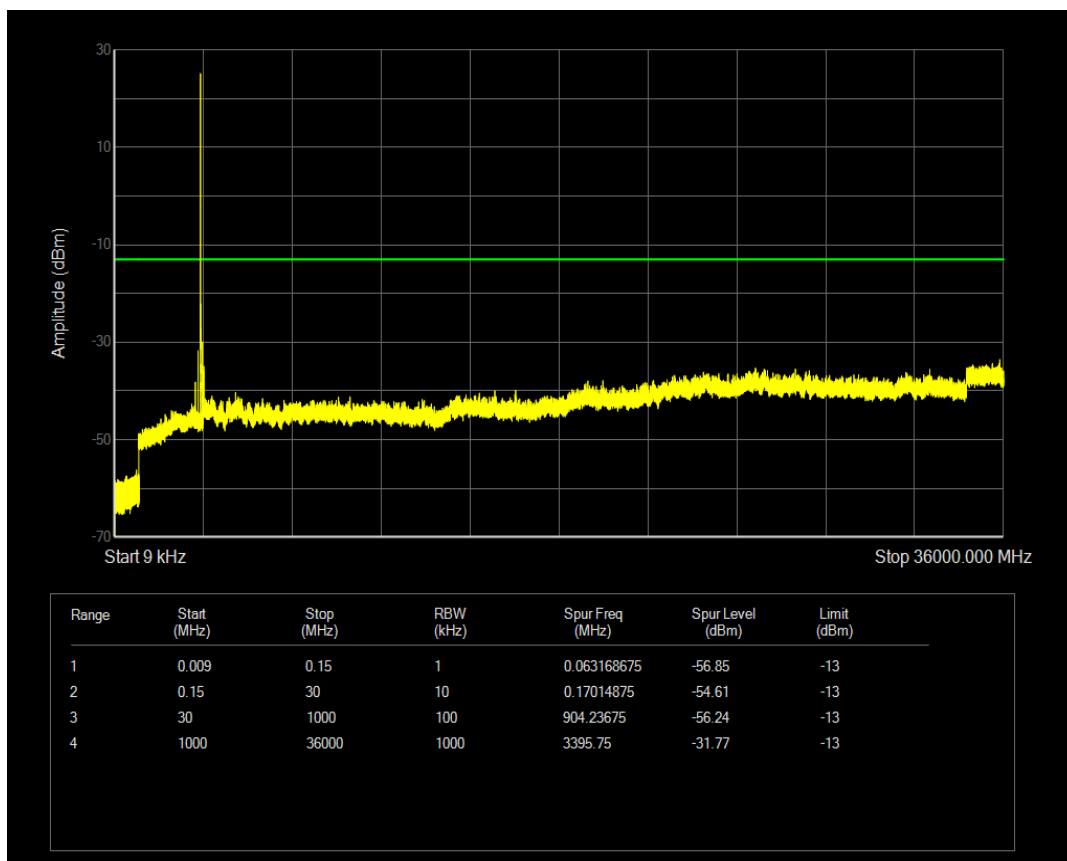
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@51



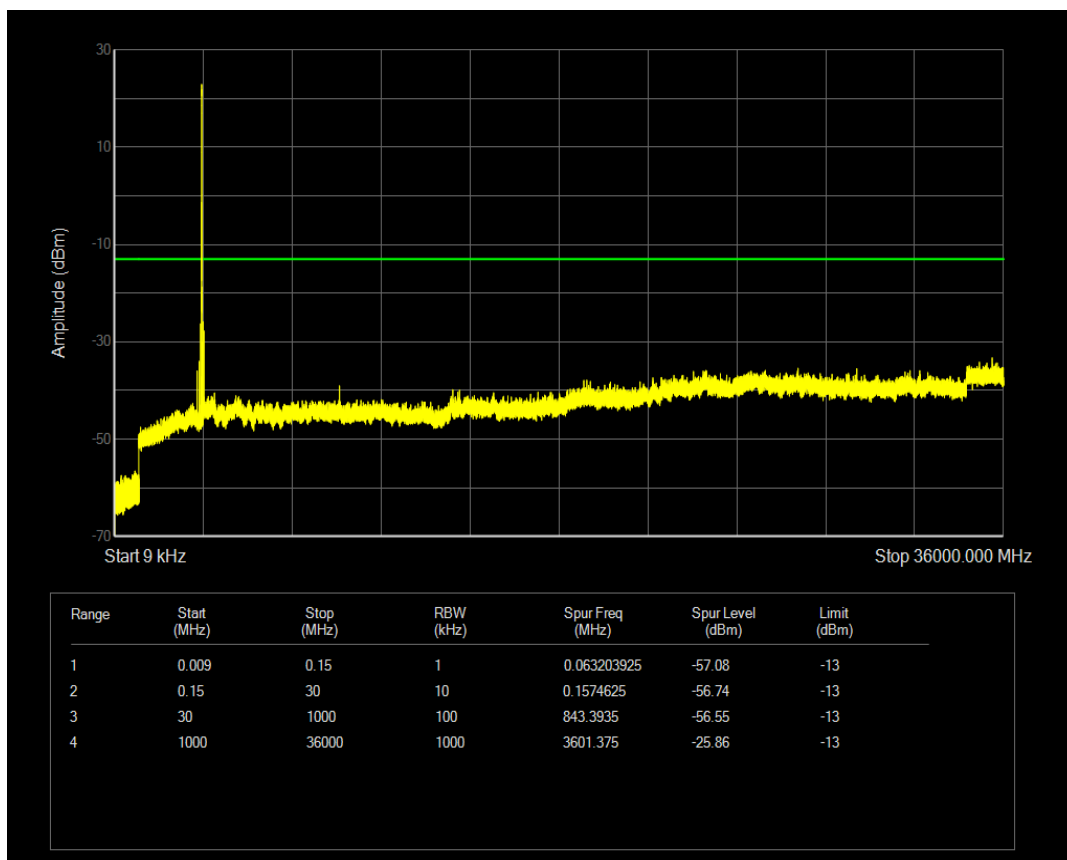
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=50@0



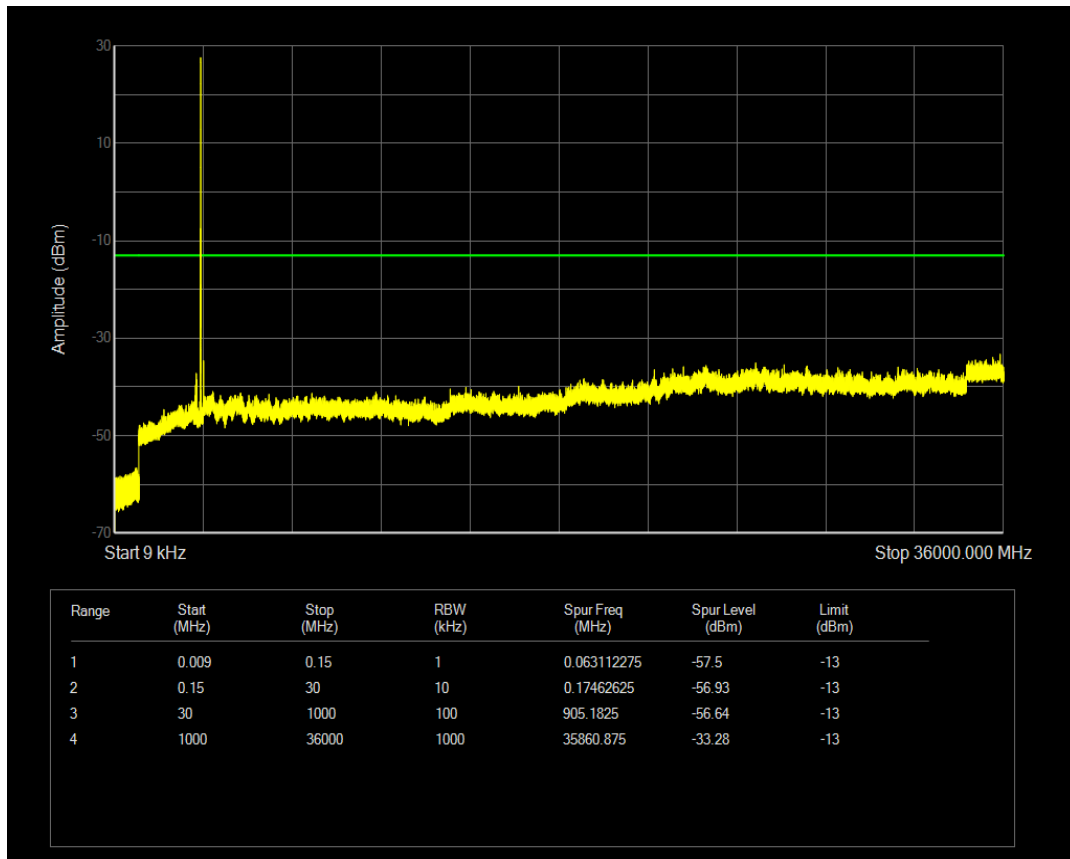
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@0



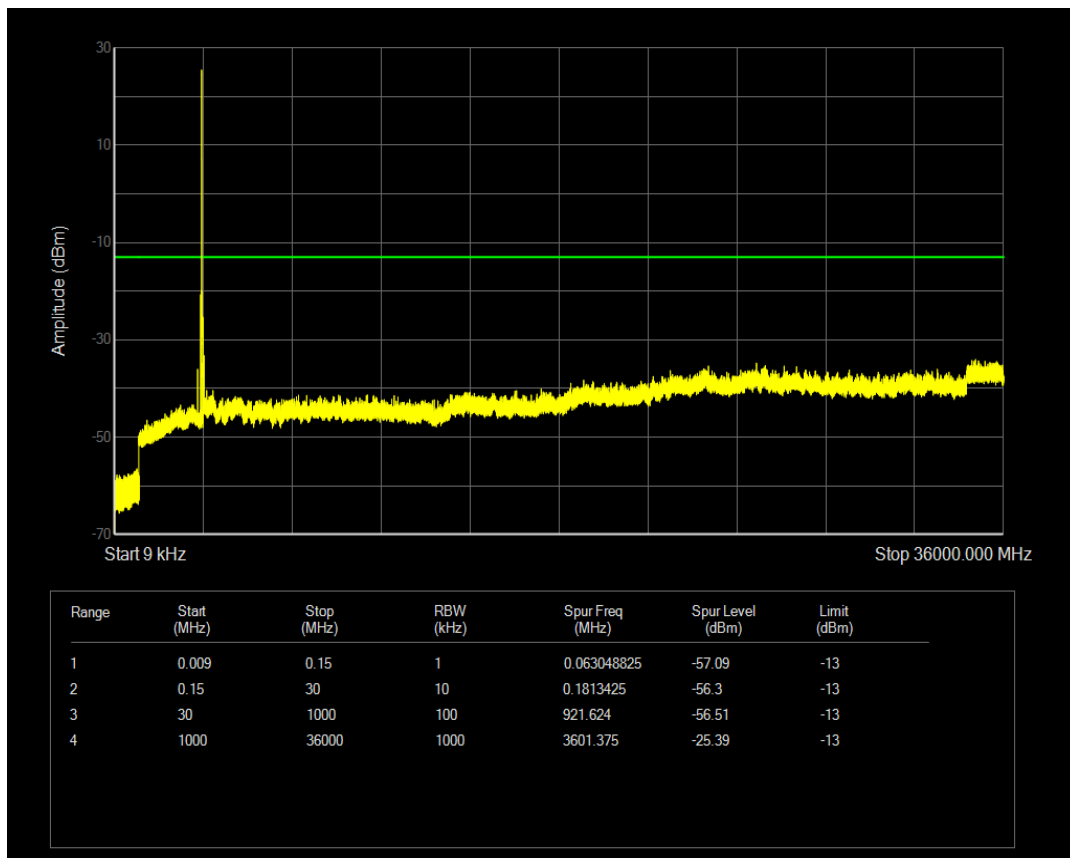
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



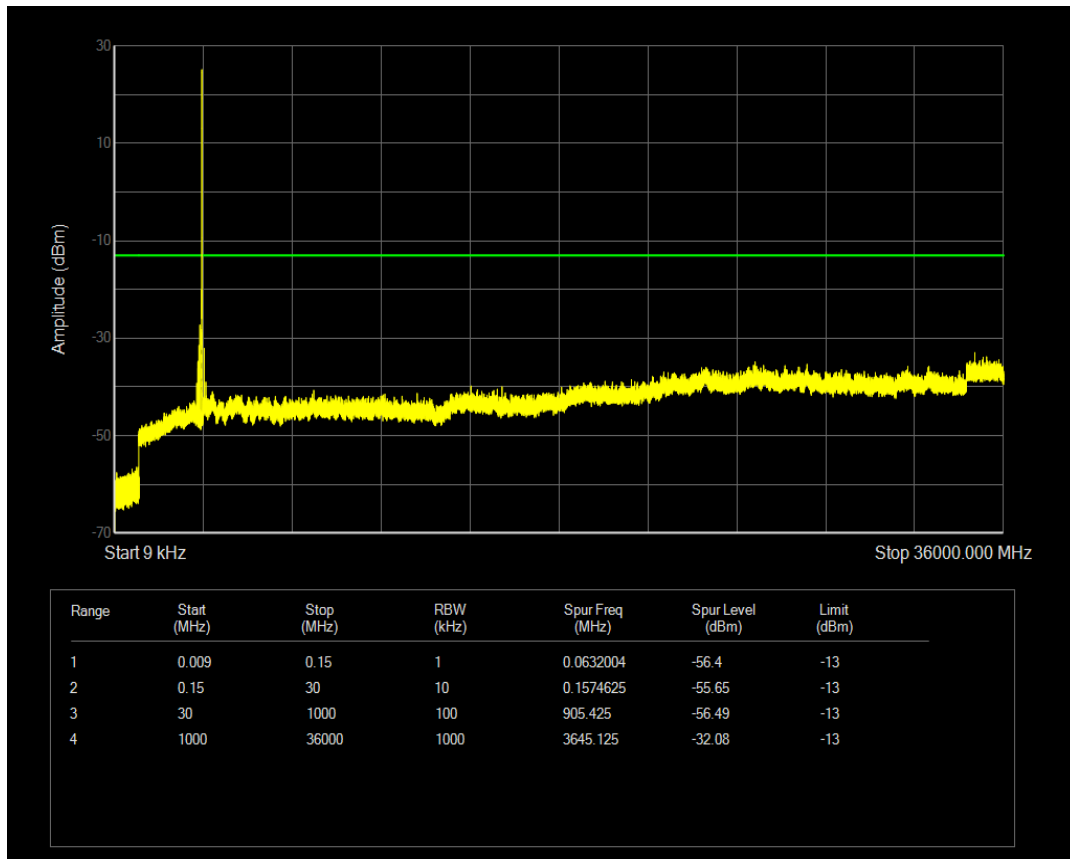
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@51



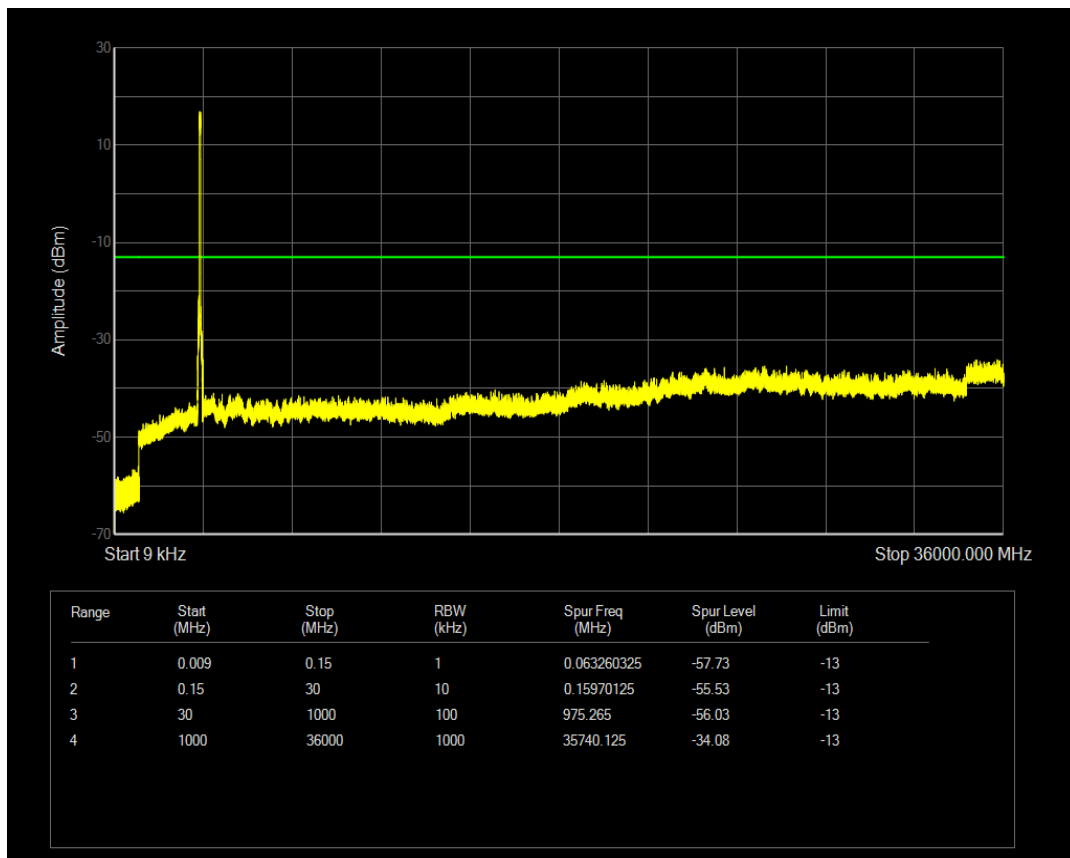
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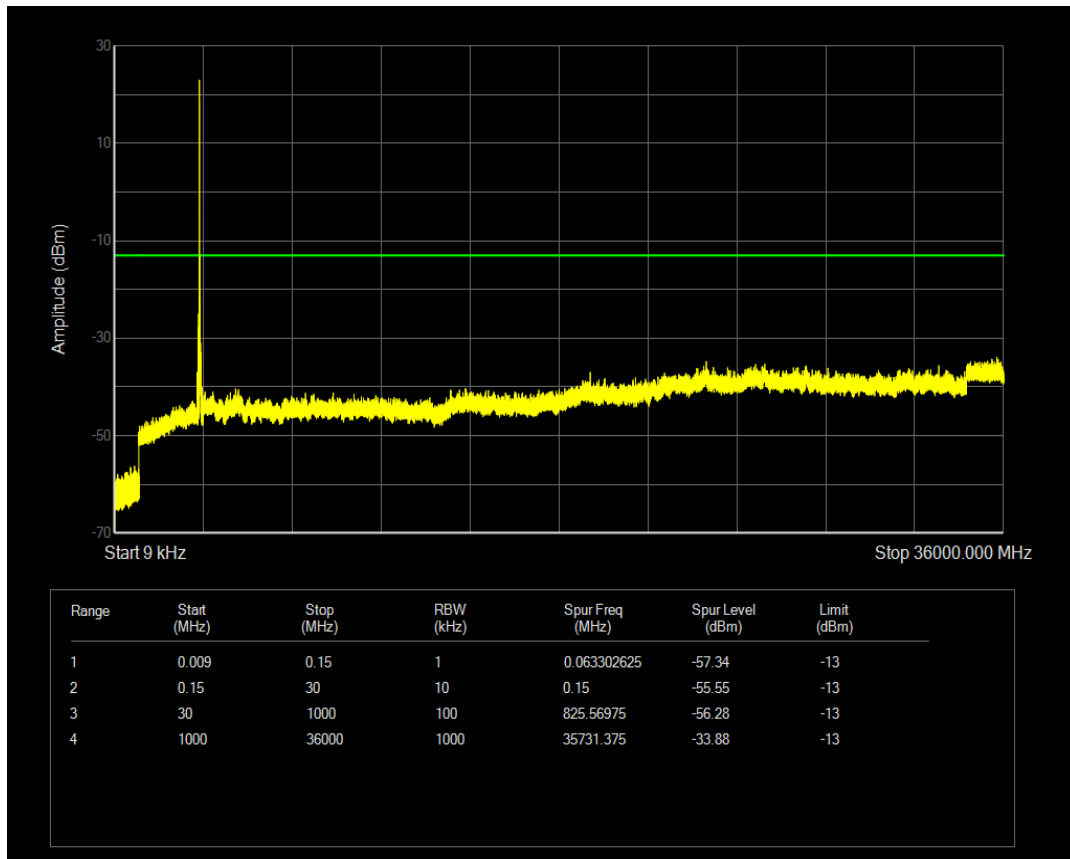
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



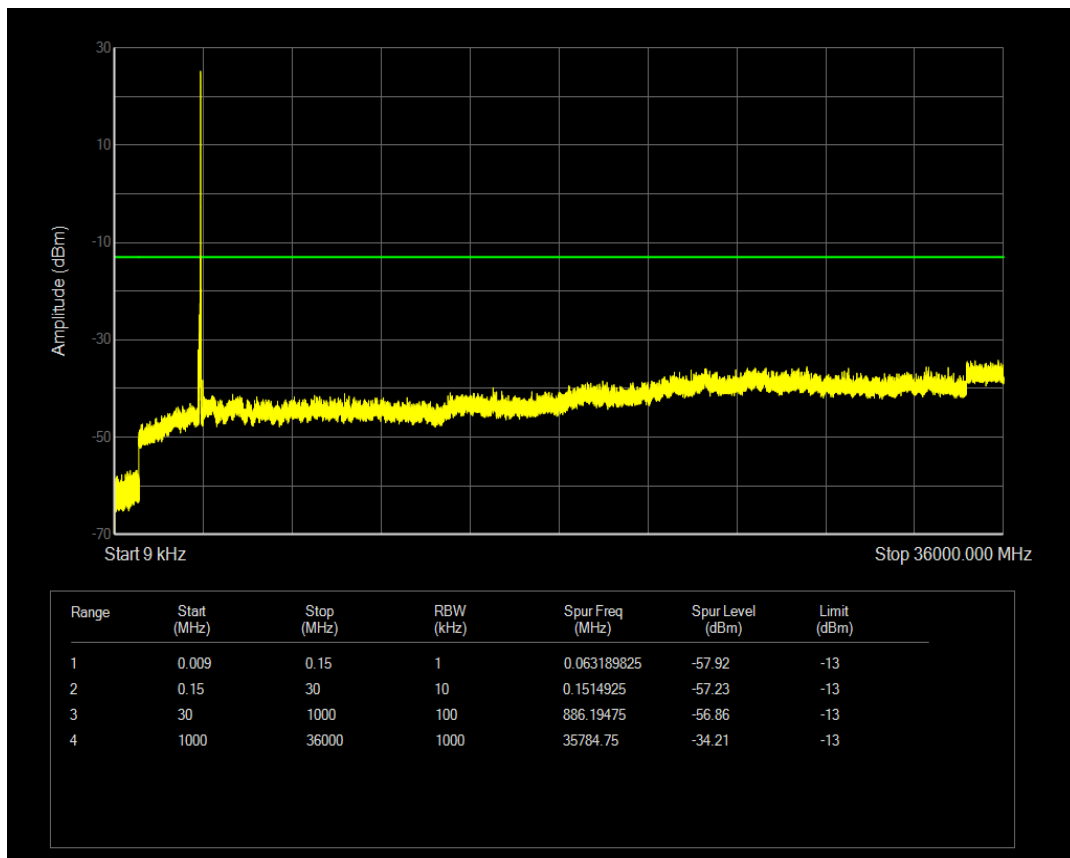
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



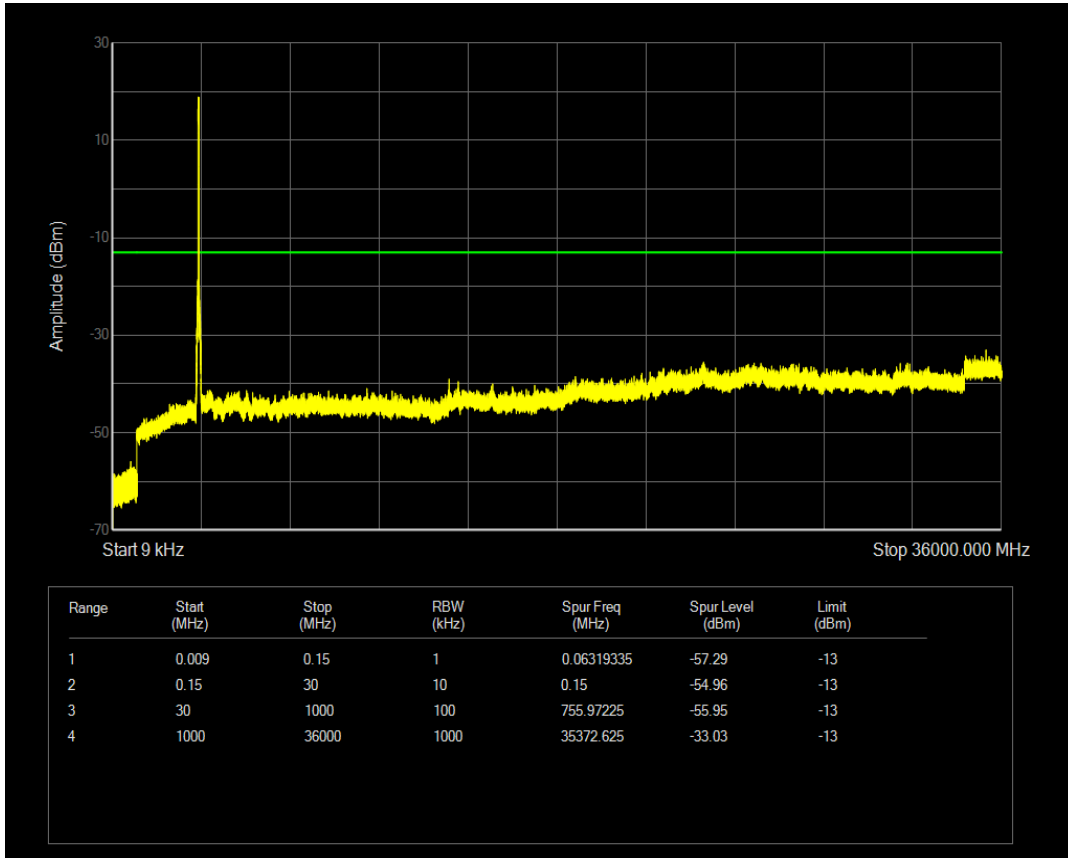
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@0



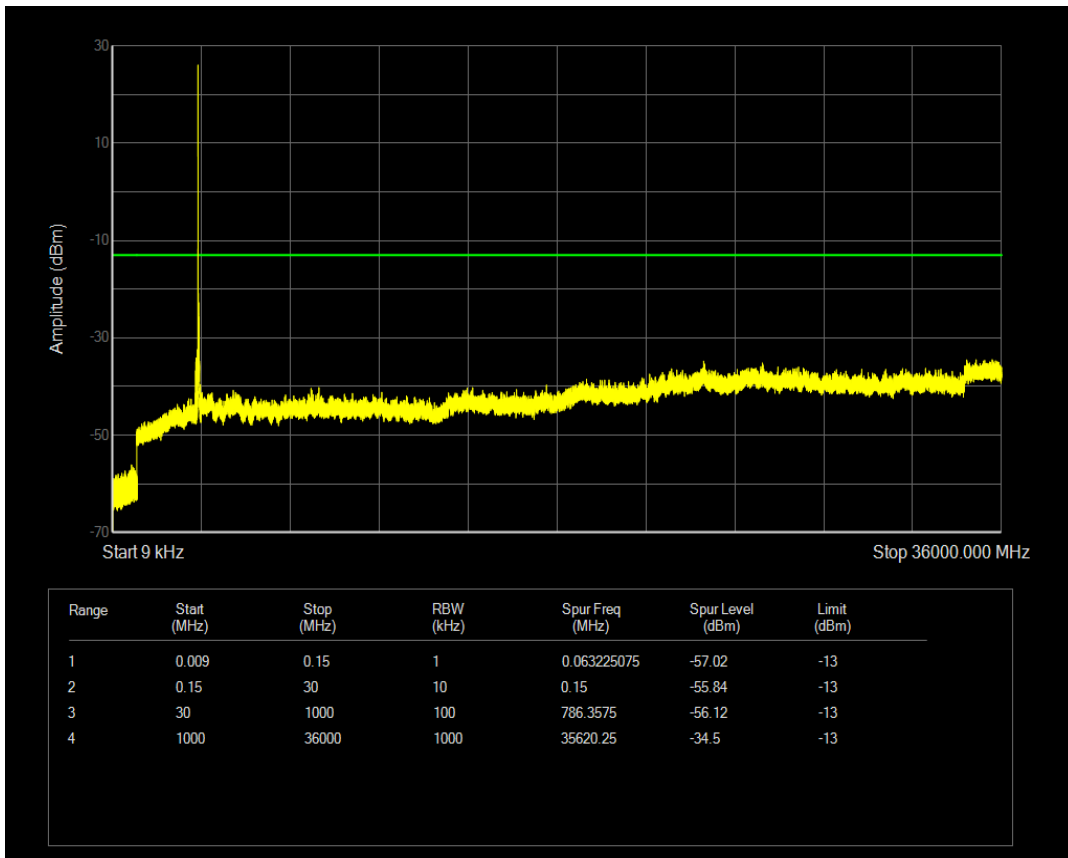
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@269



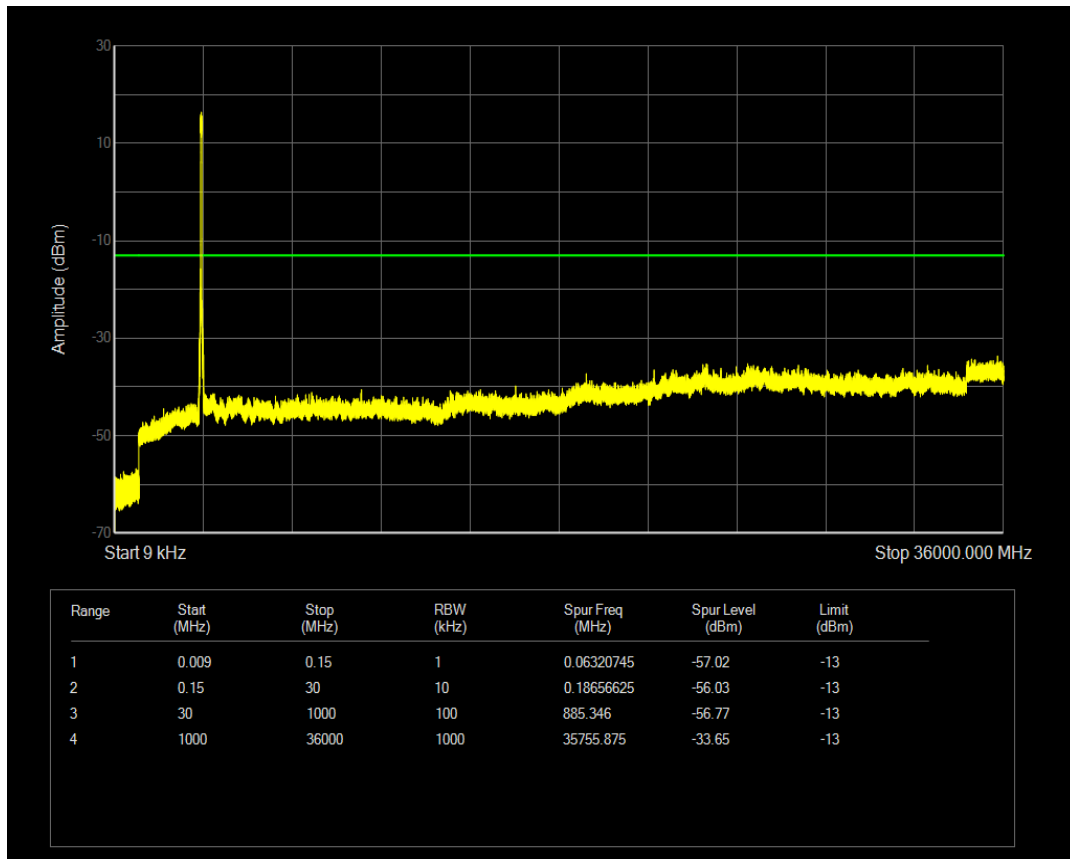
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



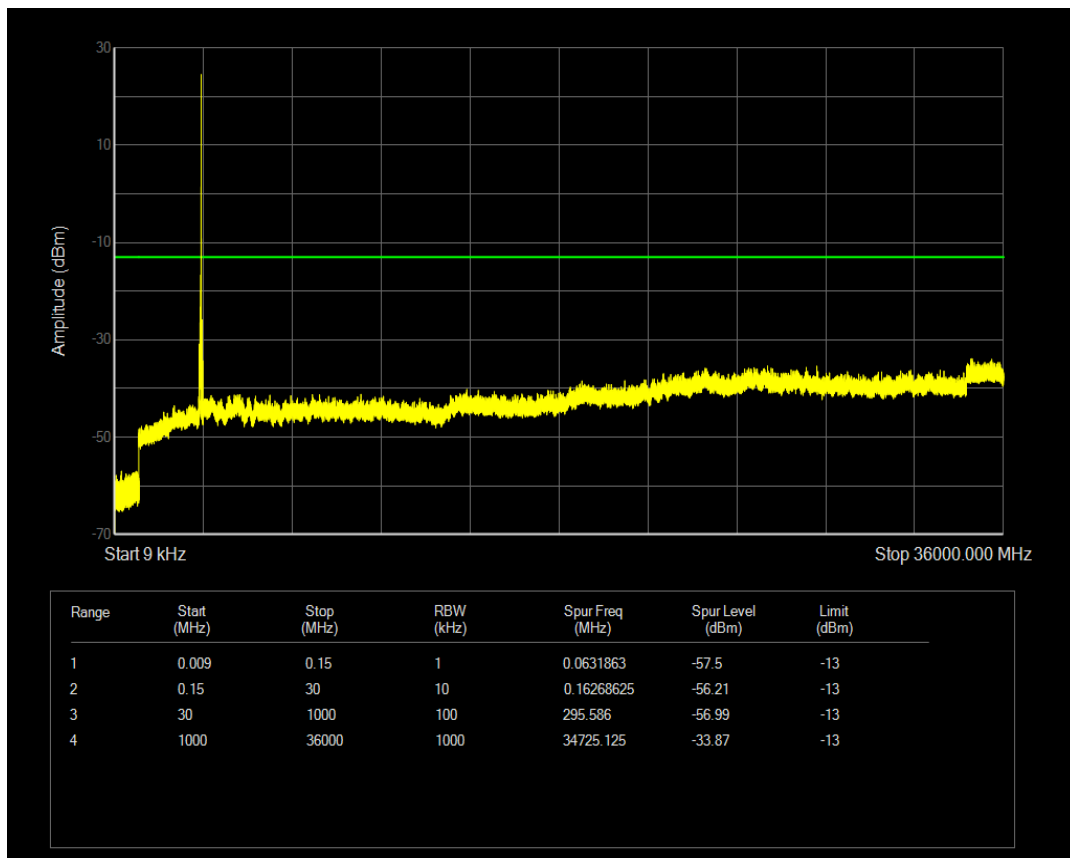
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=1@0



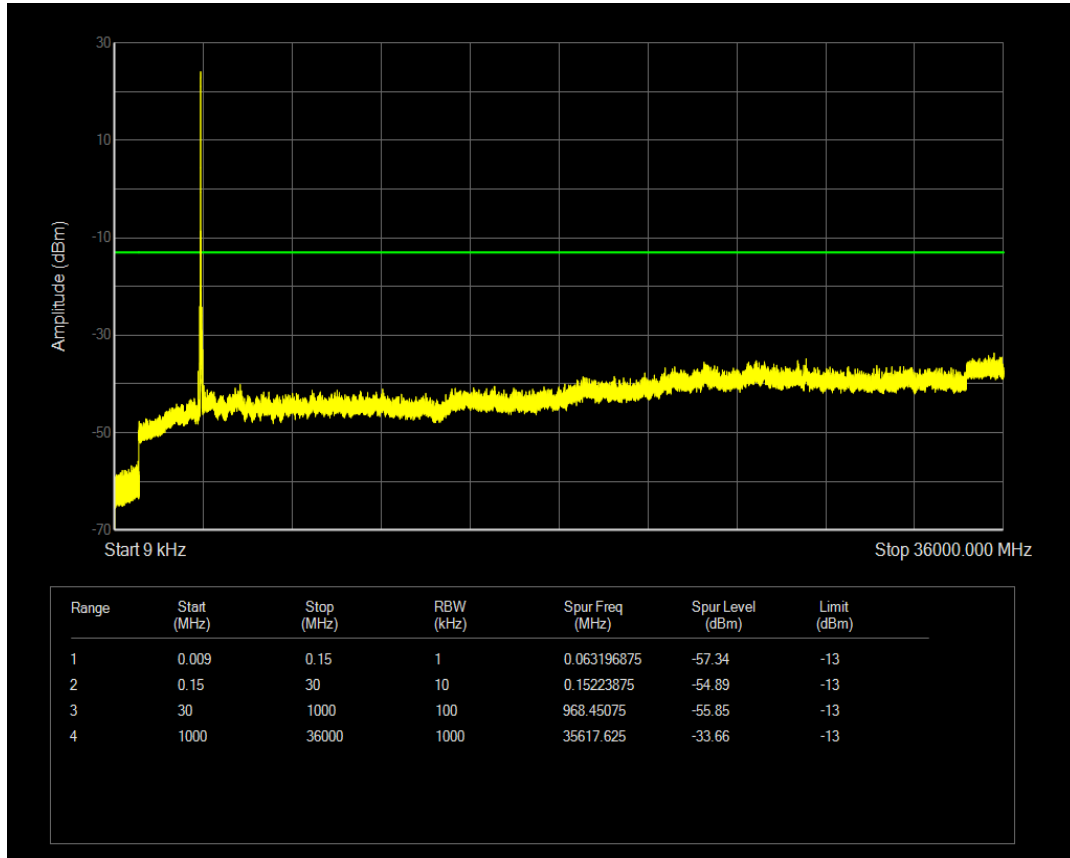
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=270@0



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=1@0



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

