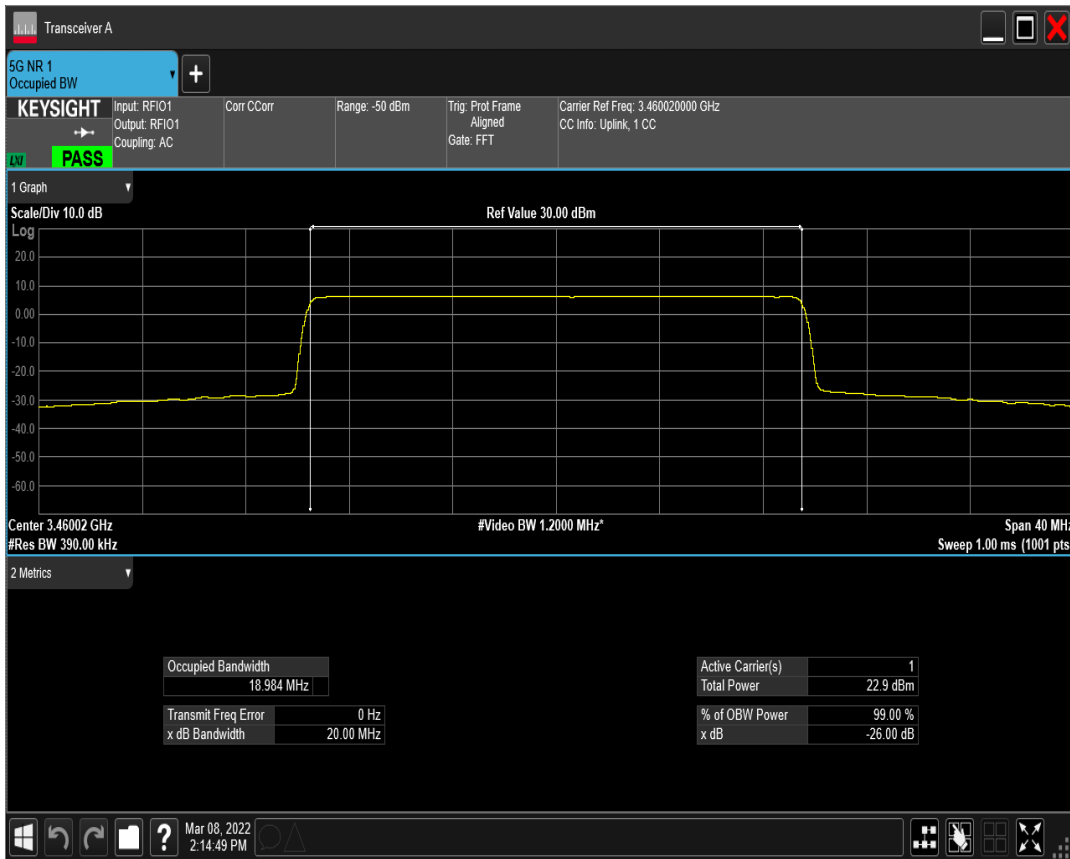
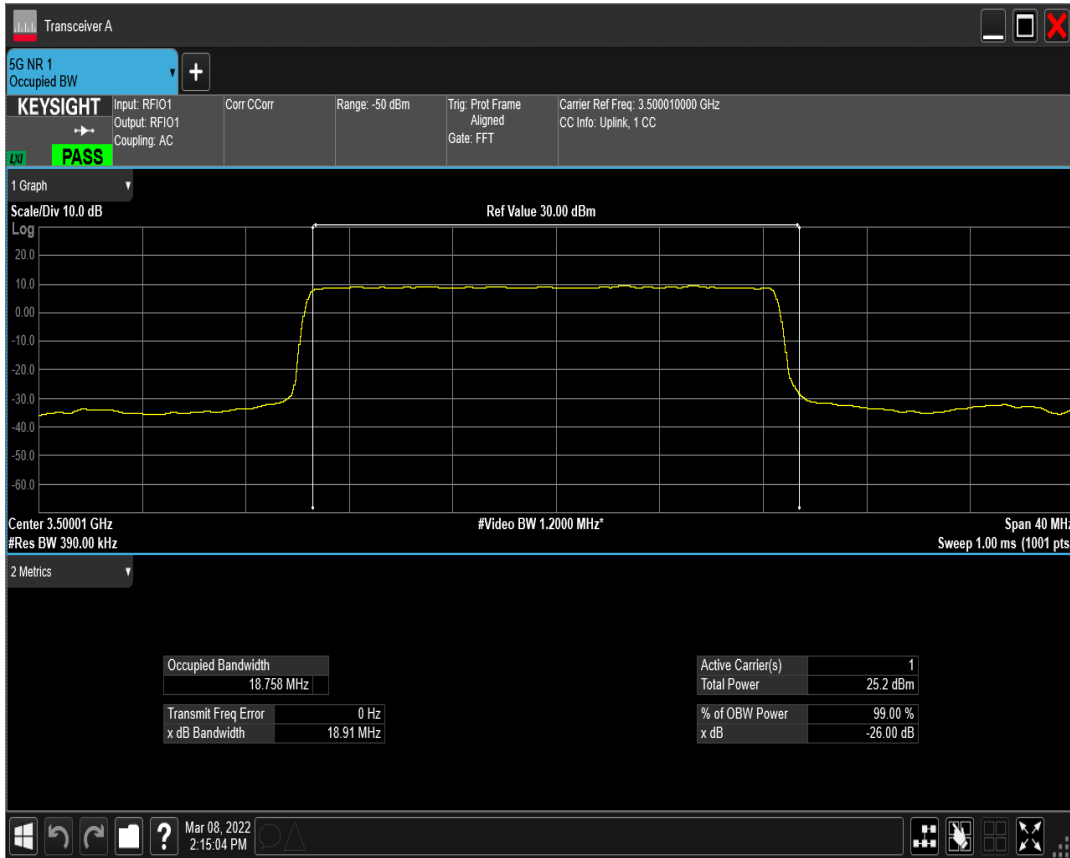


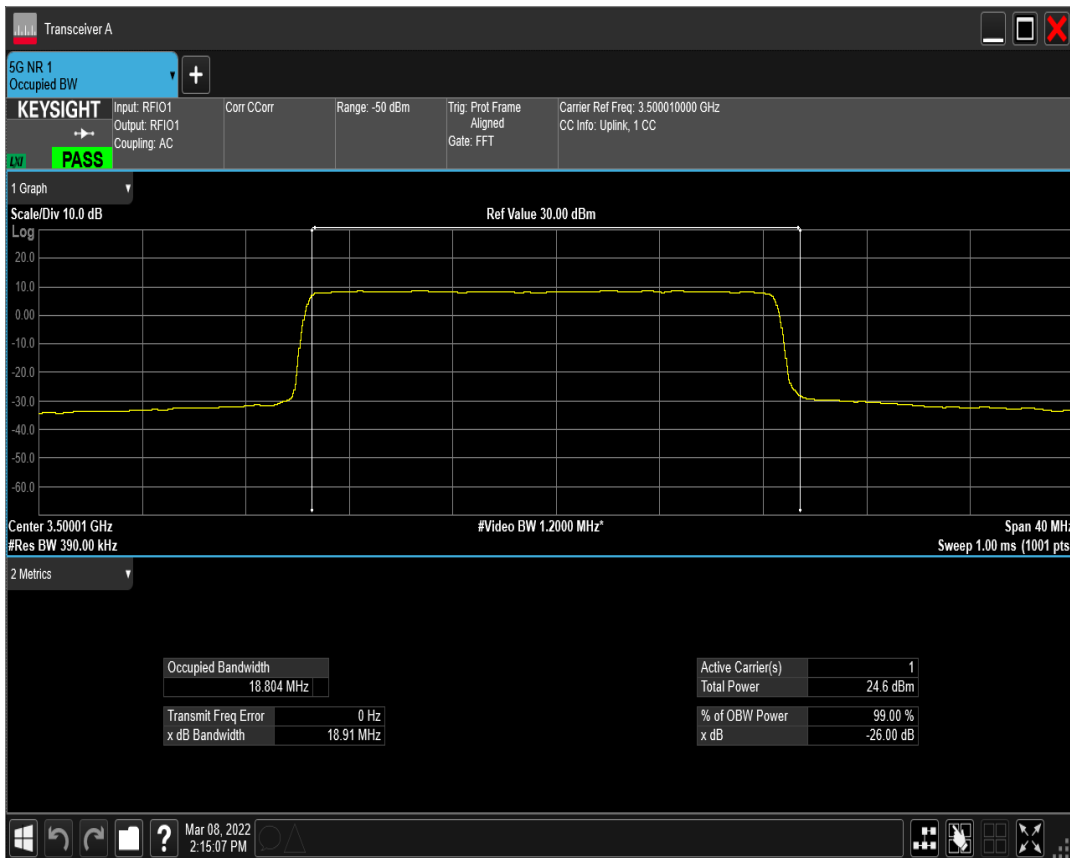
n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=630668 RB=106@0



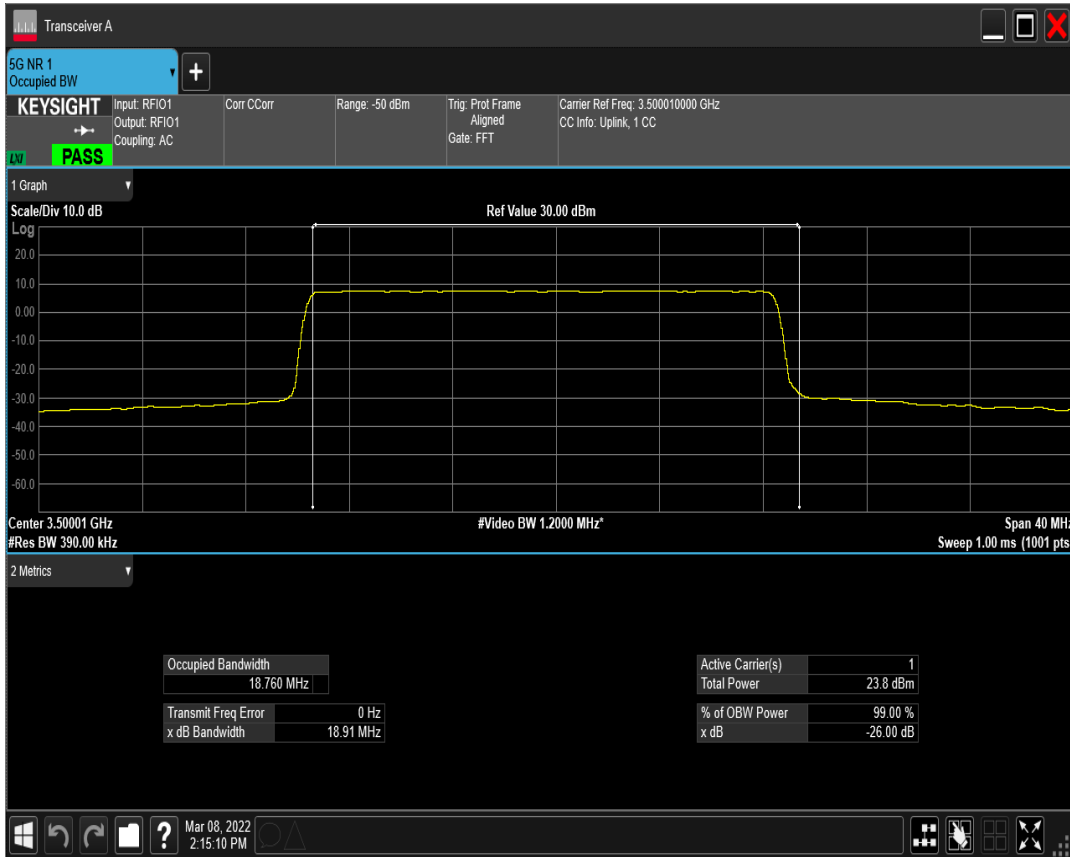
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=633334 RB=100@0



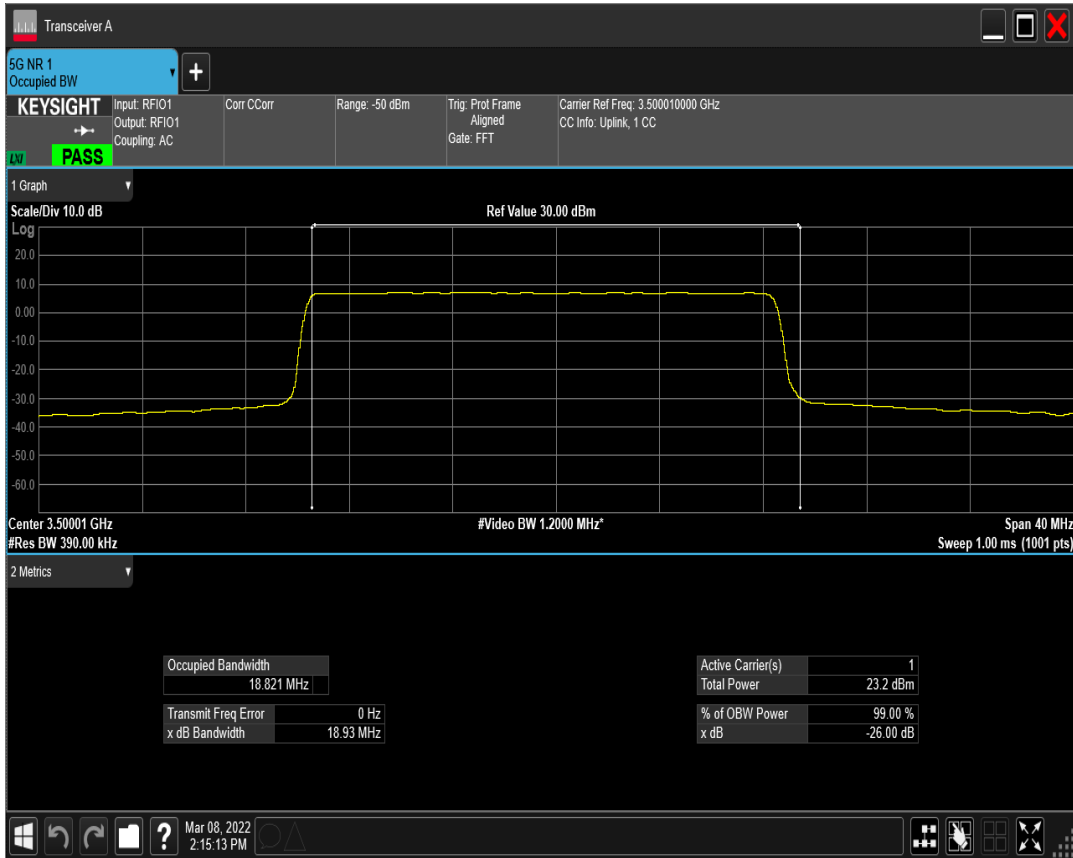
n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=633334 RB=100@0



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



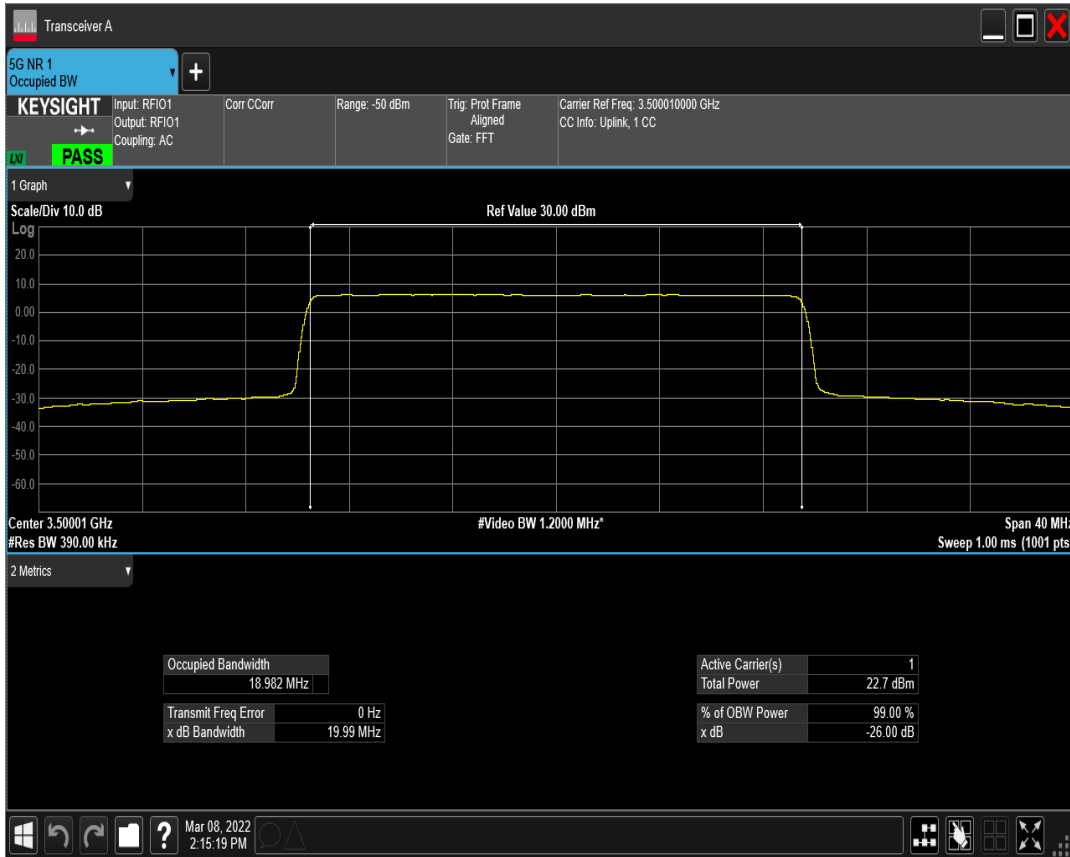
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=633334 RB=100@0



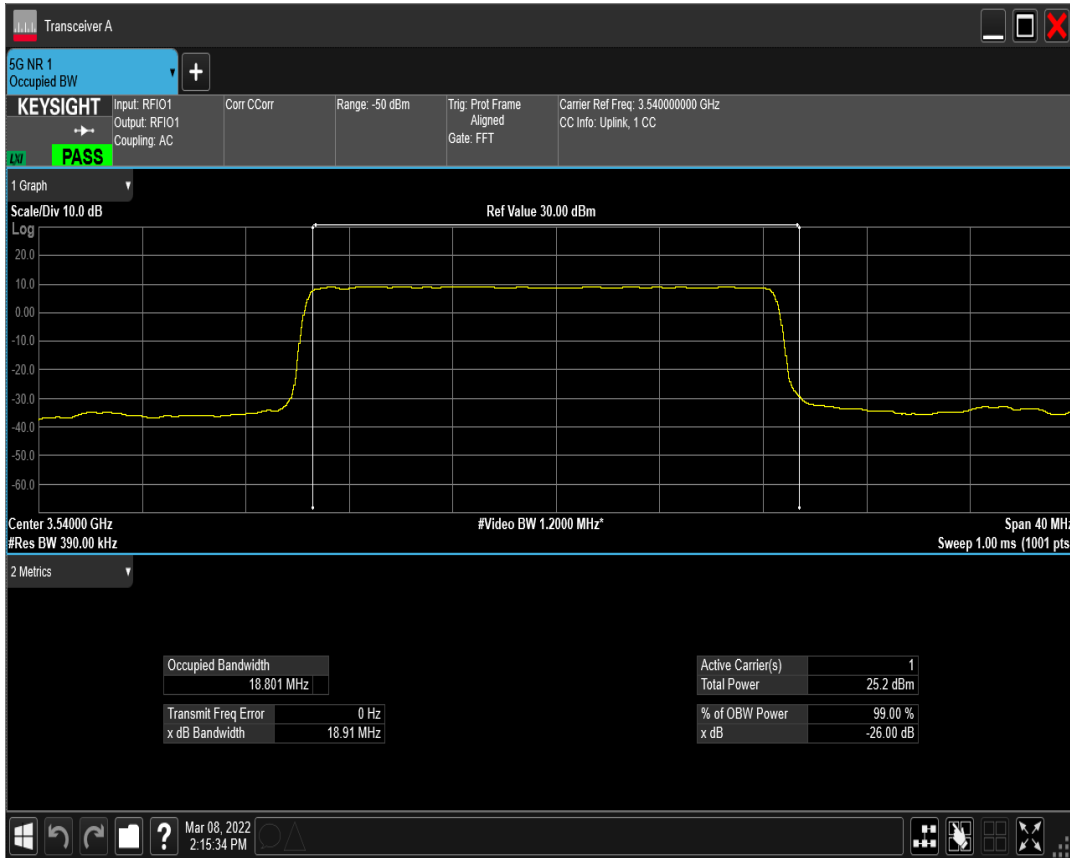
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=633334 RB=100@0



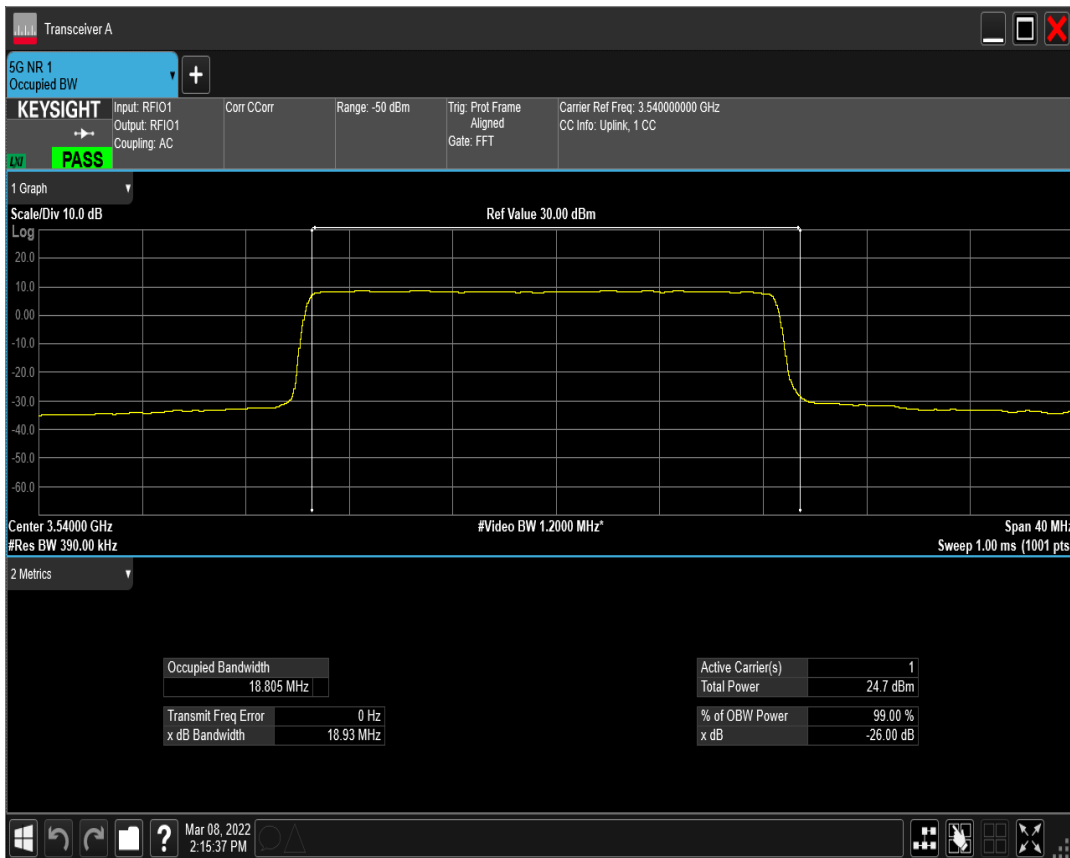
n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=633334 RB=106@0



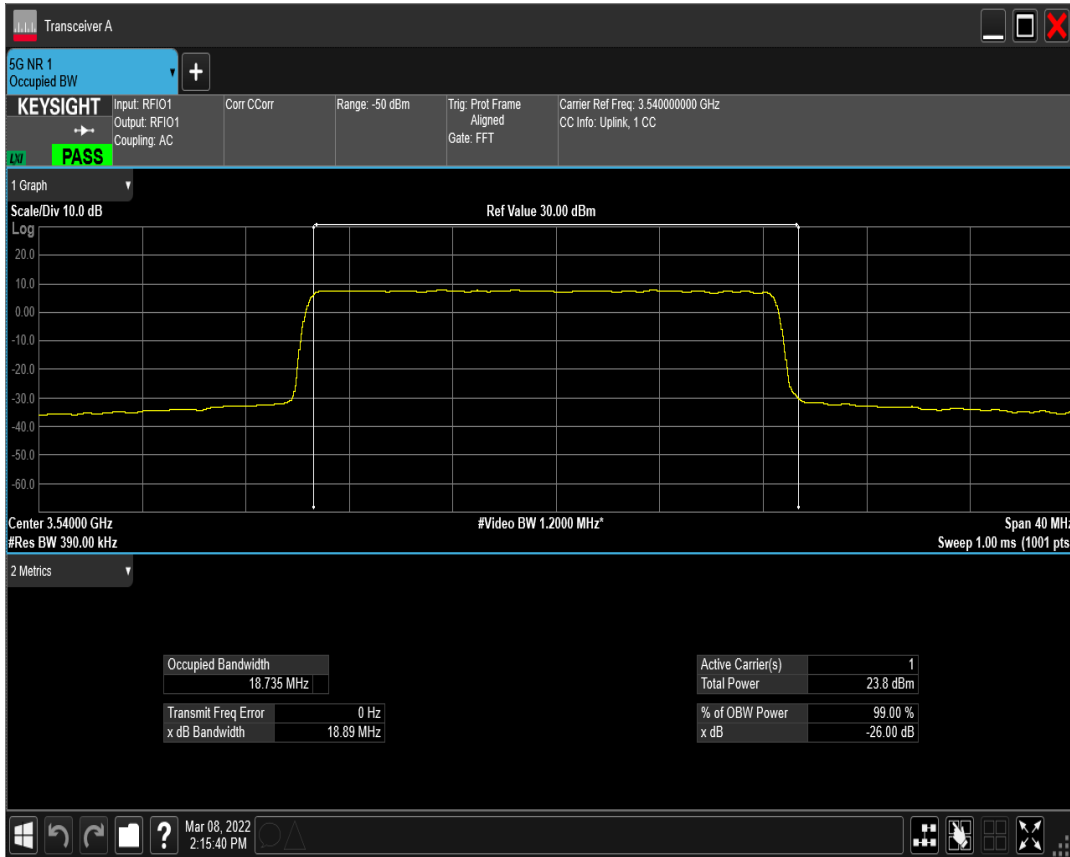
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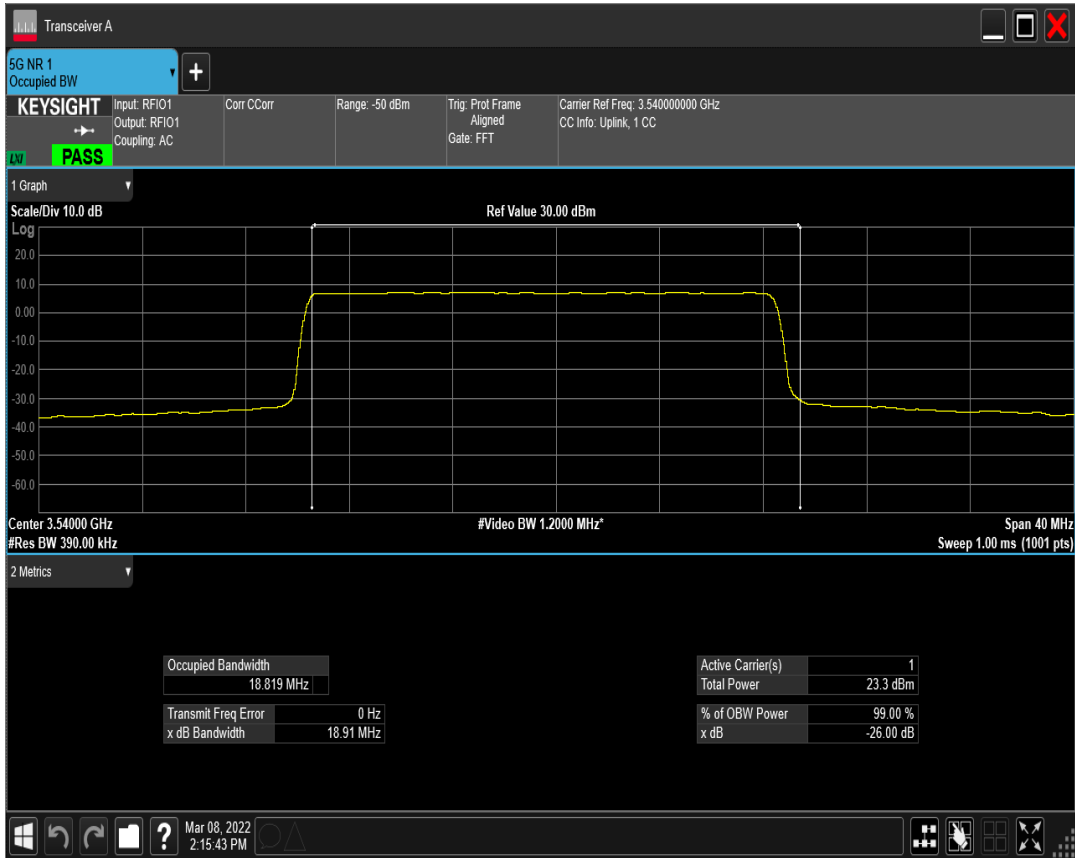
n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=100@0



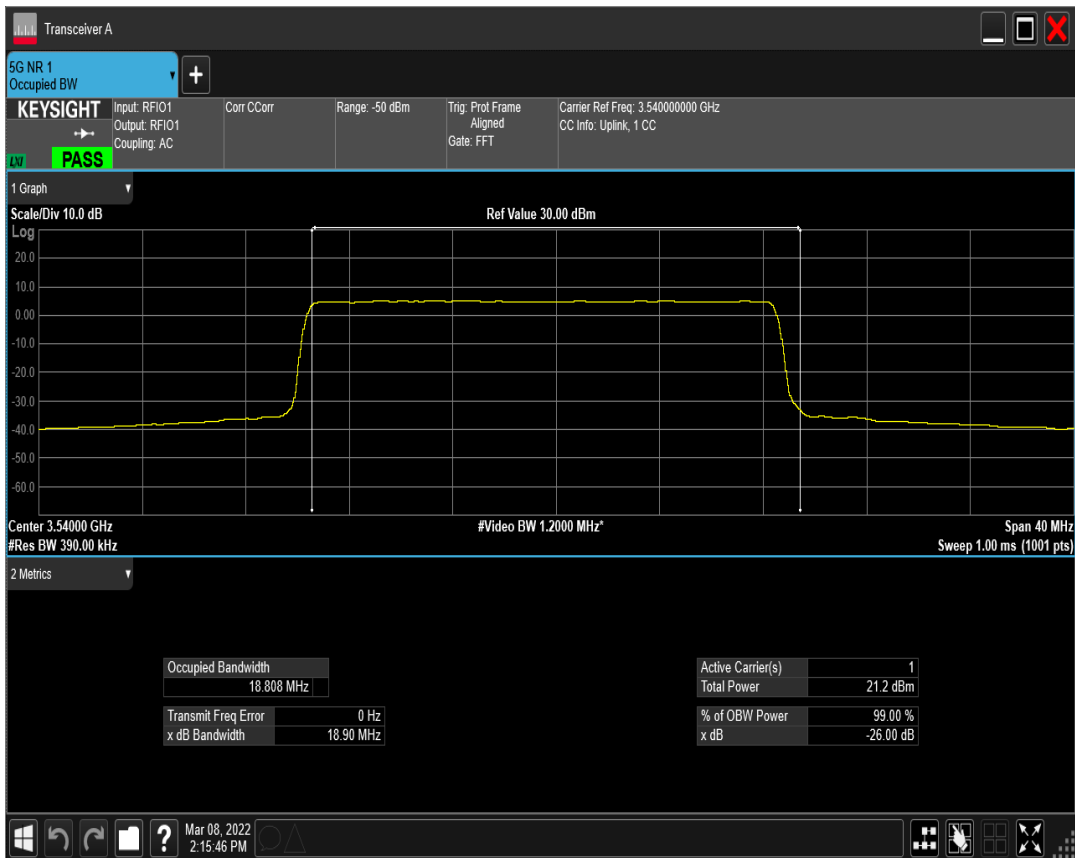
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=636000 RB=100@0



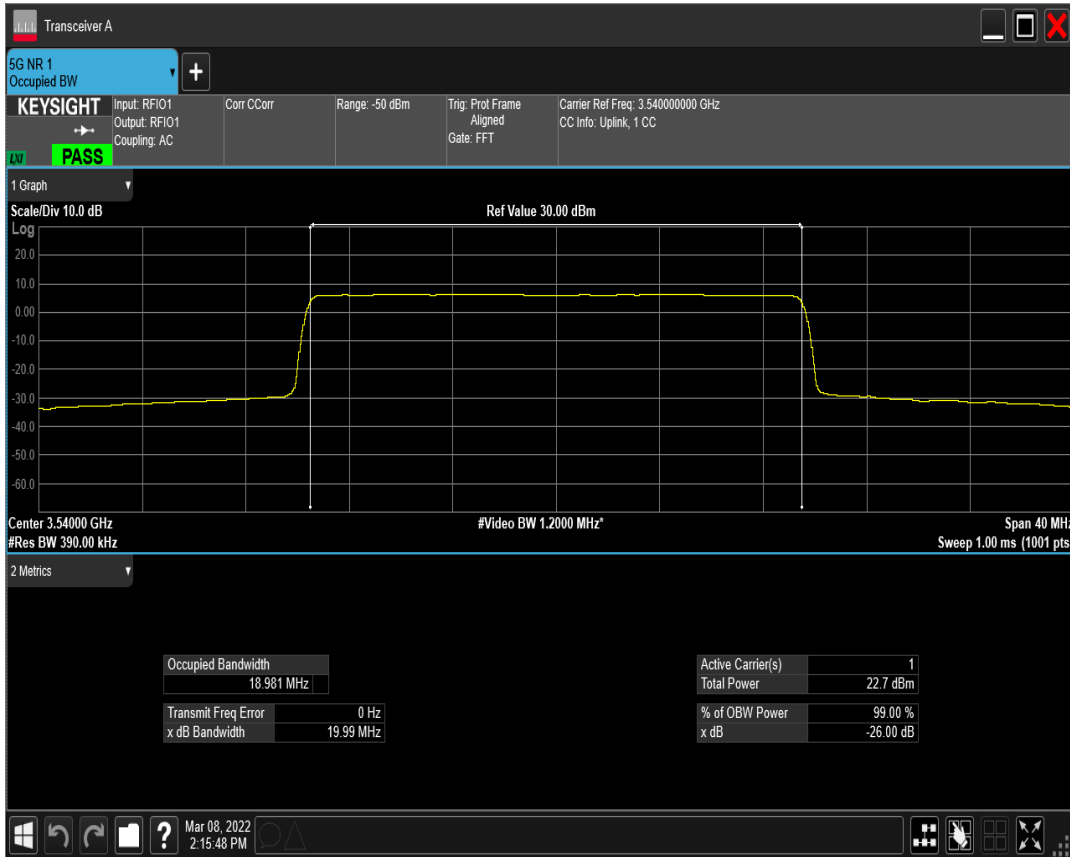
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=636000 RB=100@0



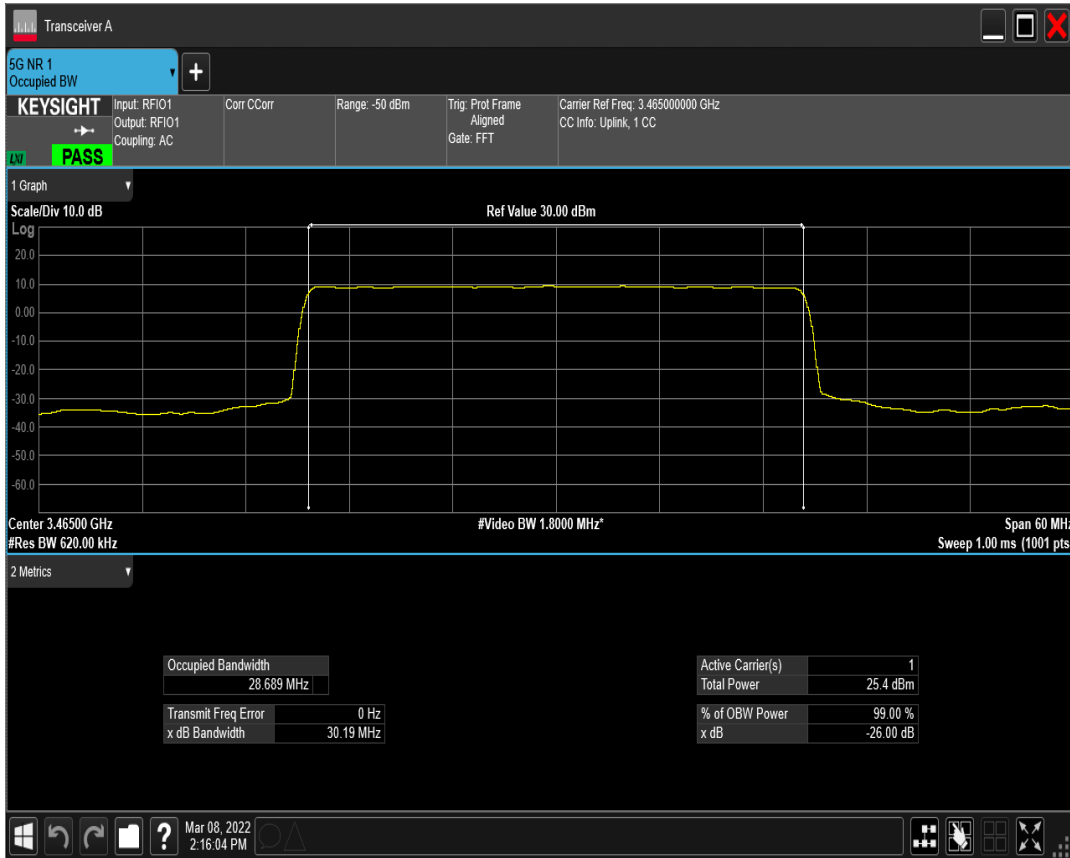
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=636000 RB=100@0



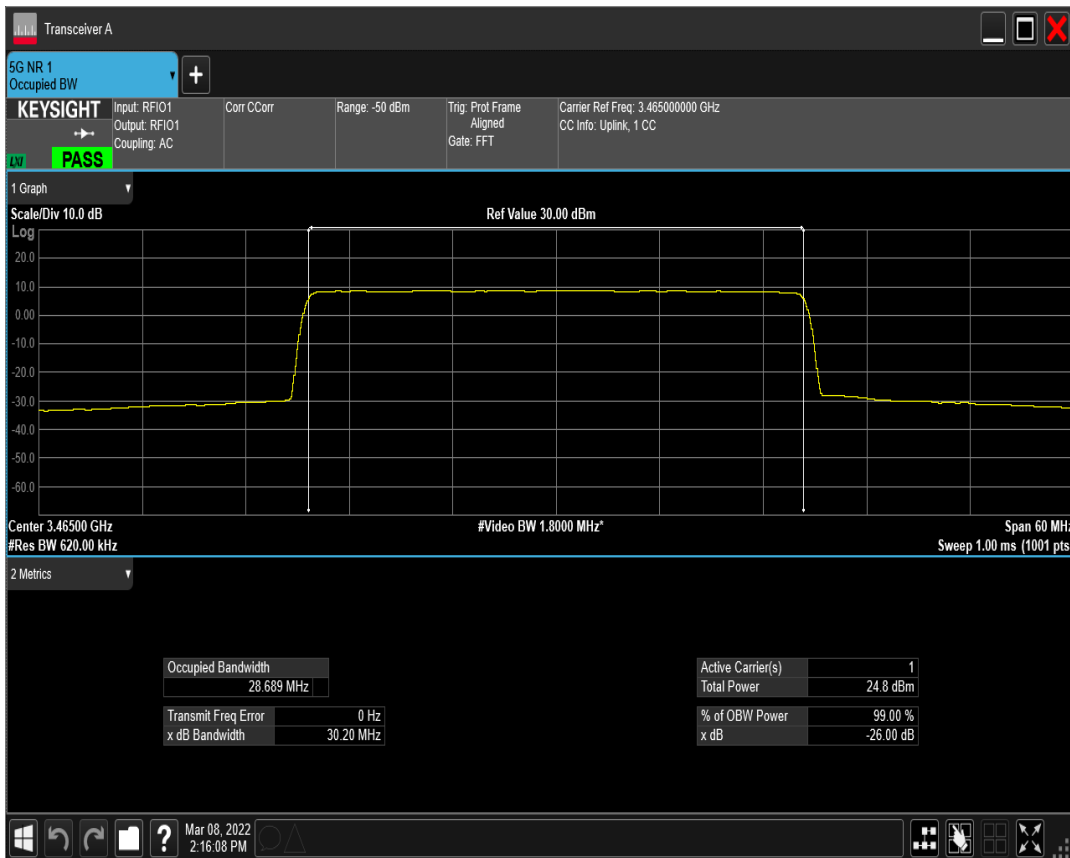
n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=636000 RB=106@0



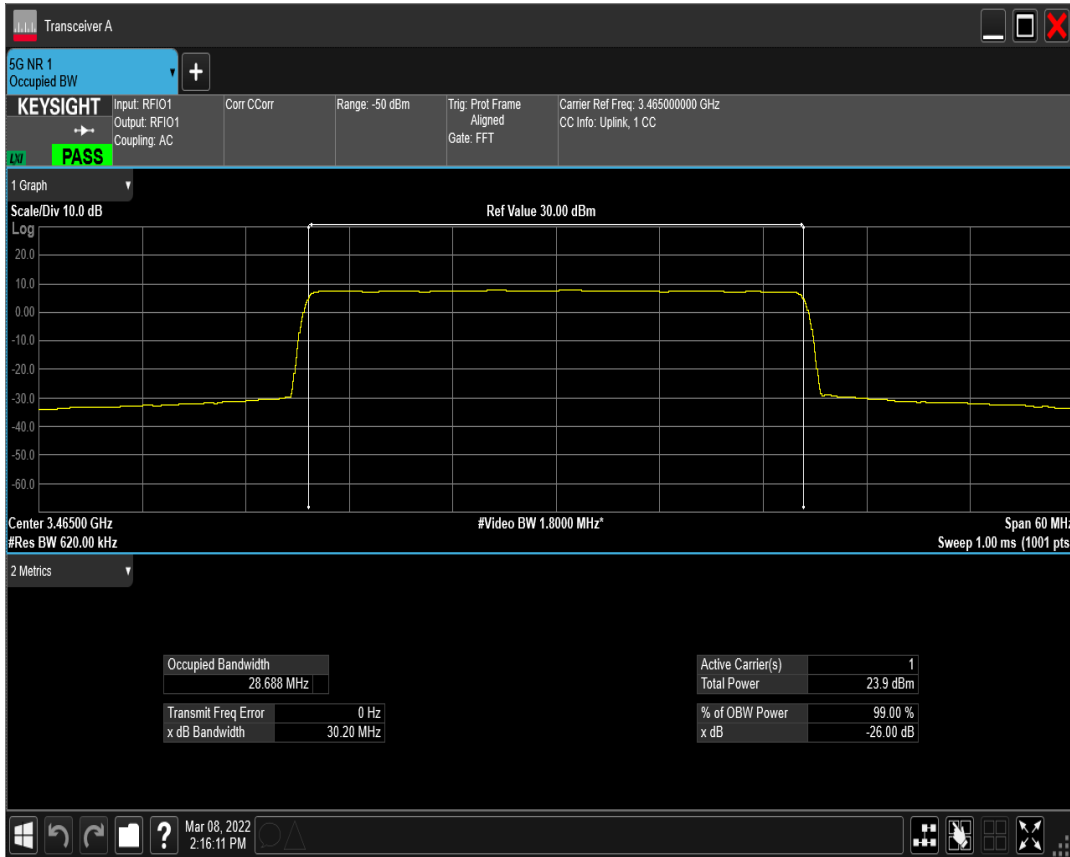
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=631000 RB=160@0



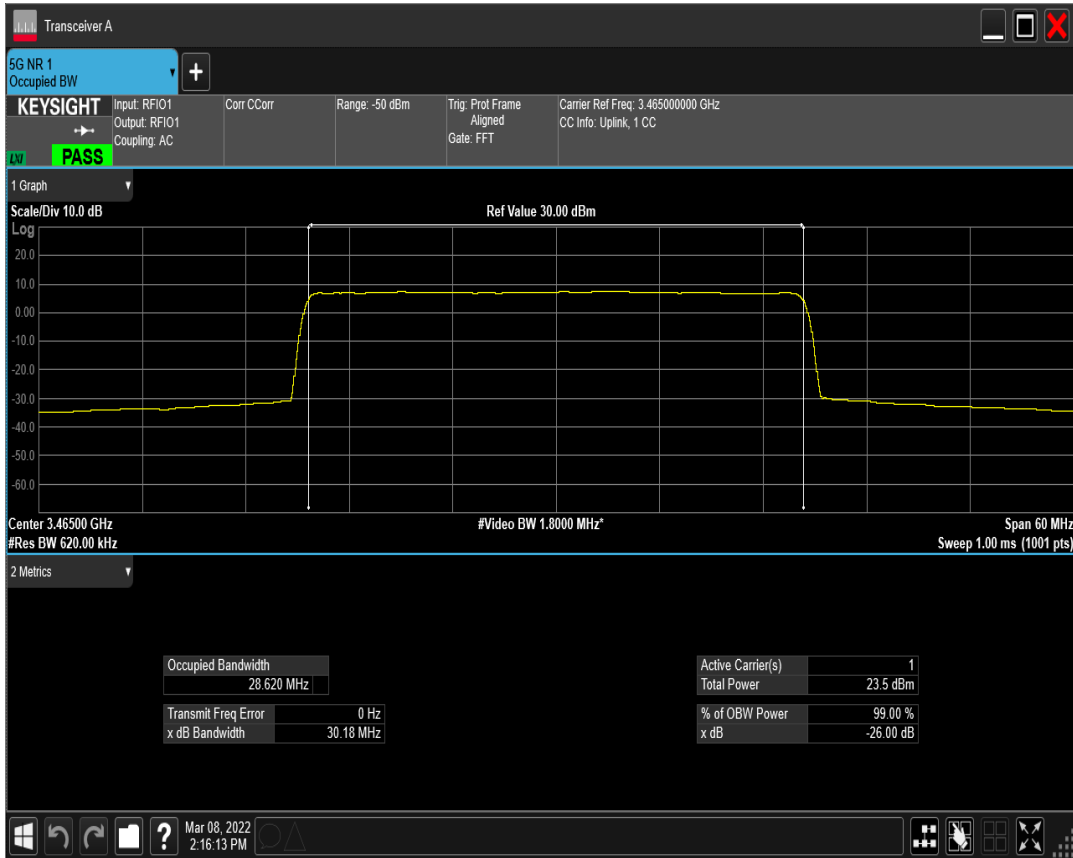
n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=631000 RB=160@0



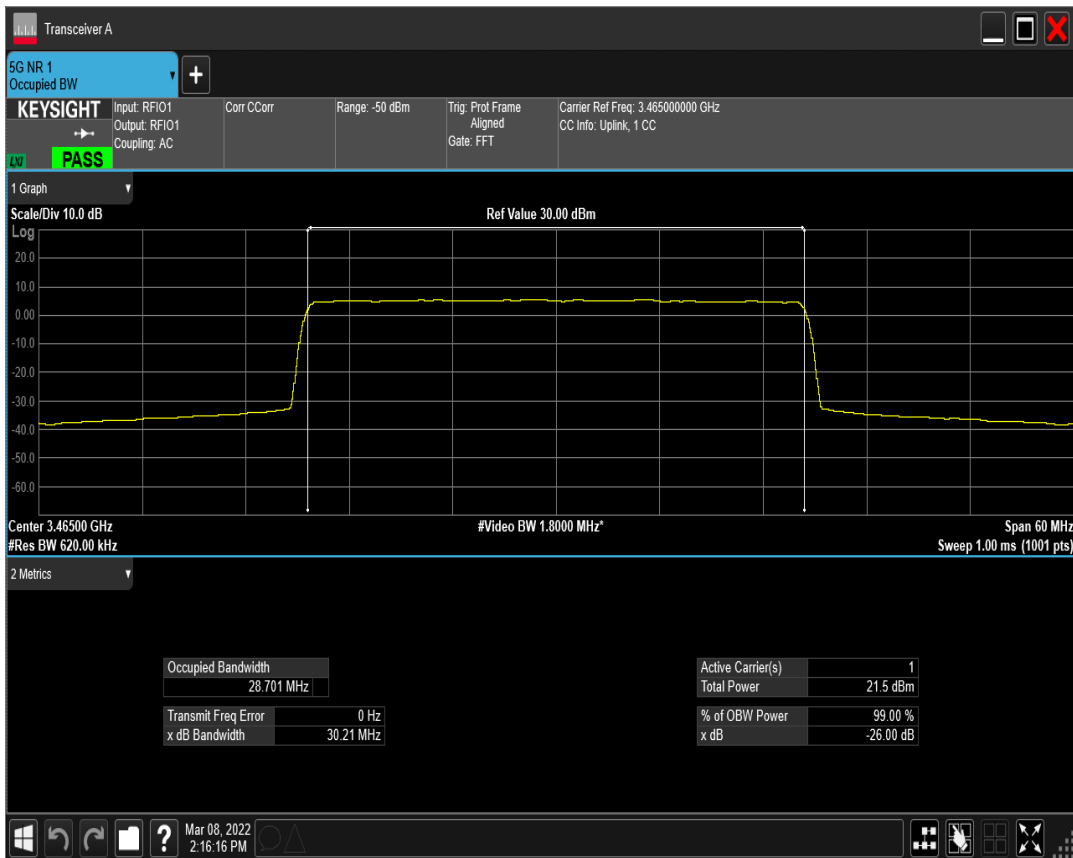
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=631000 RB=160@0



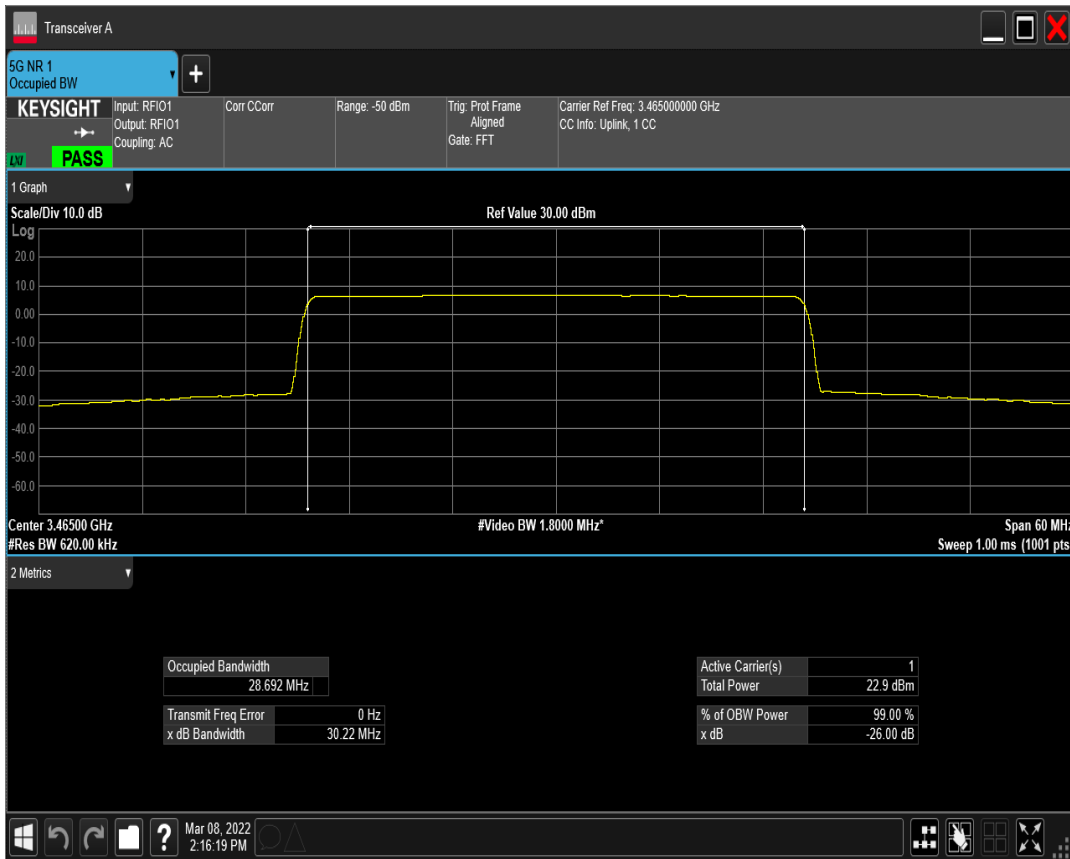
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=631000 RB=160@0



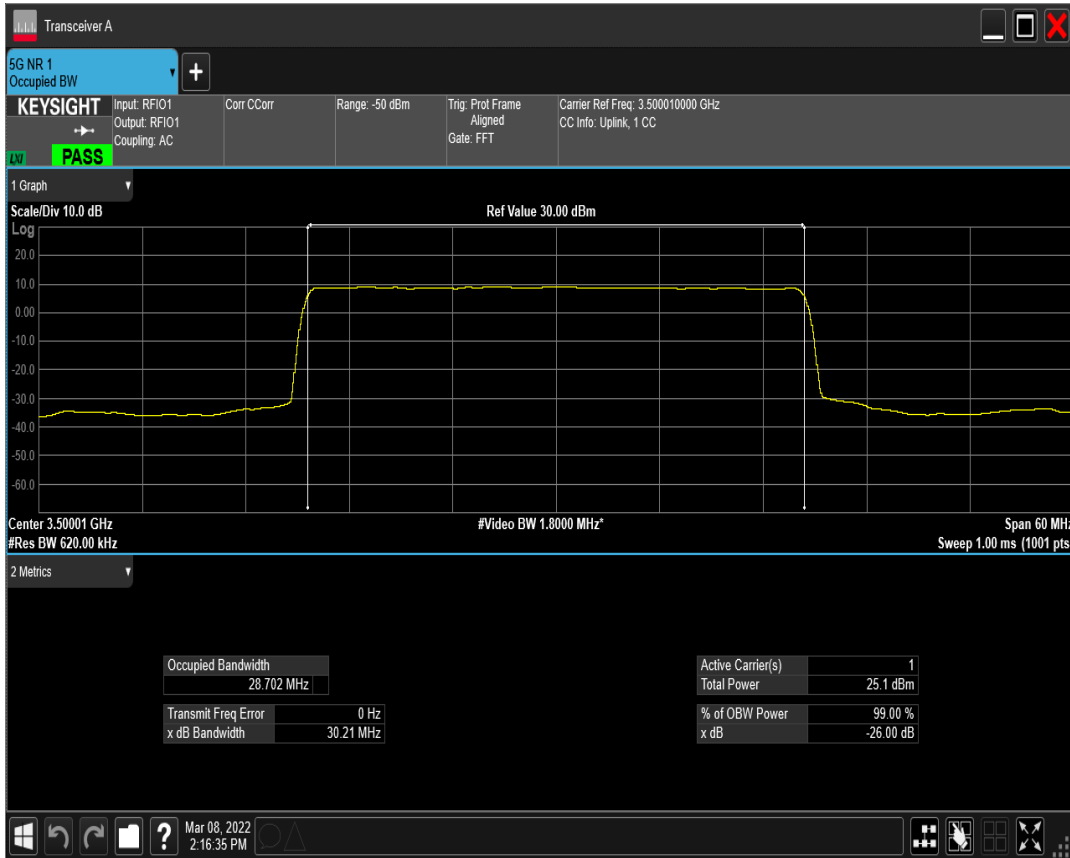
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=631000 RB=160@0



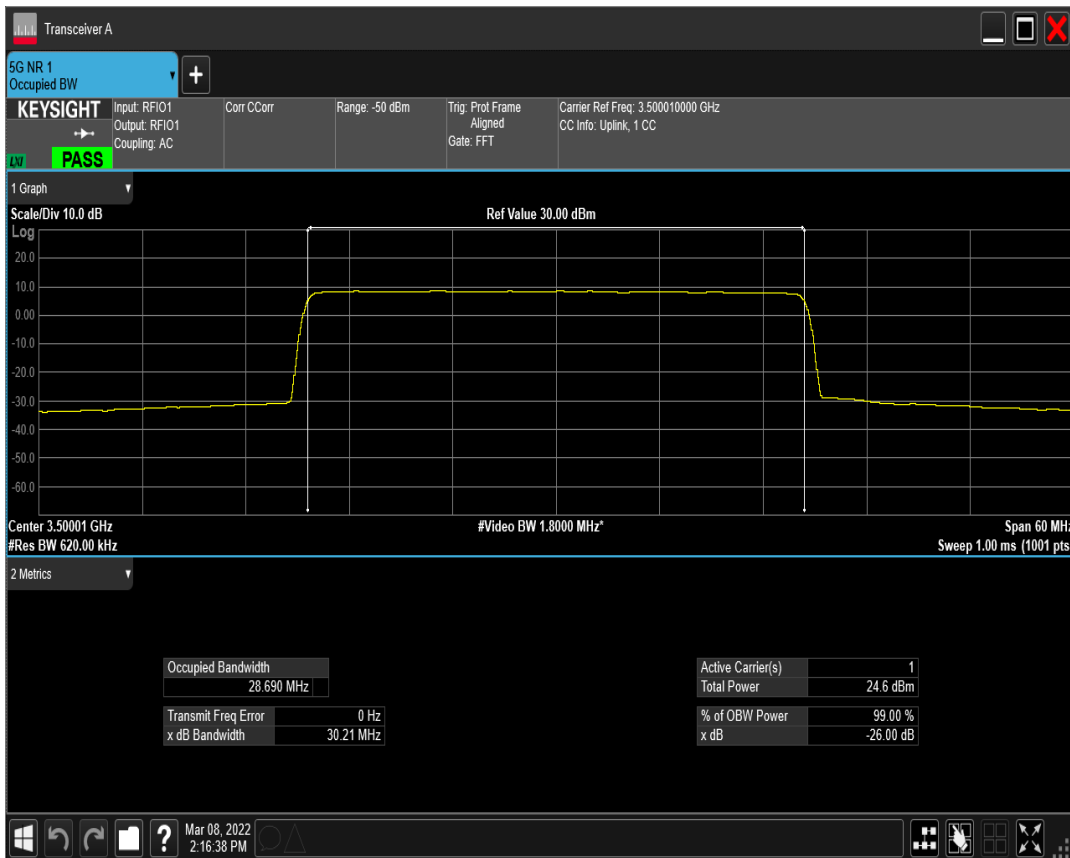
n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=631000 RB=160@0



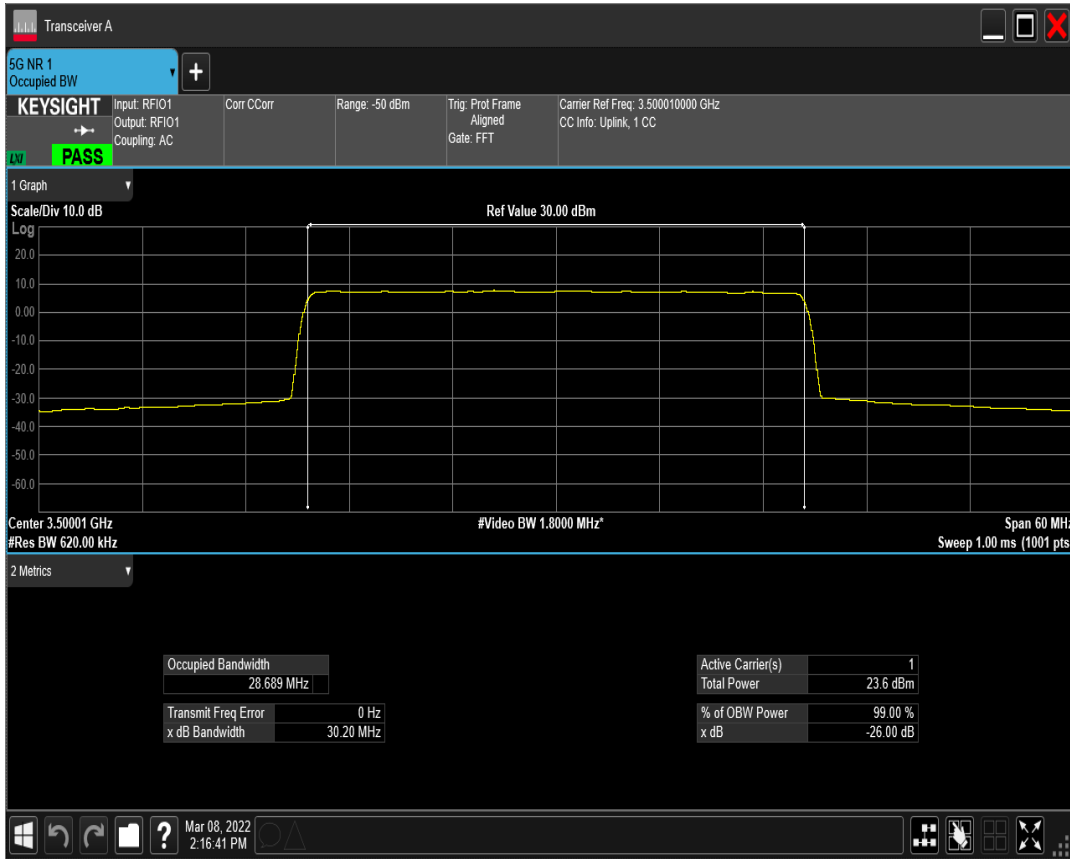
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=633334 RB=160@0



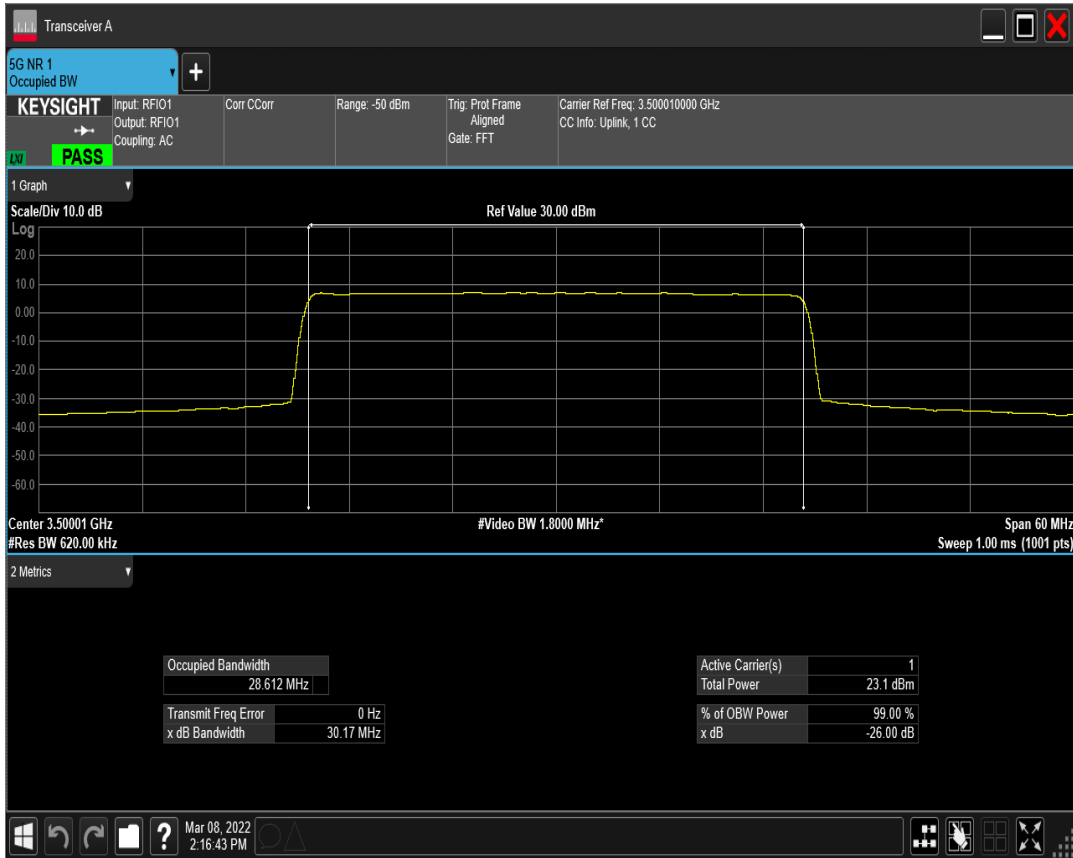
n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=633334 RB=160@0



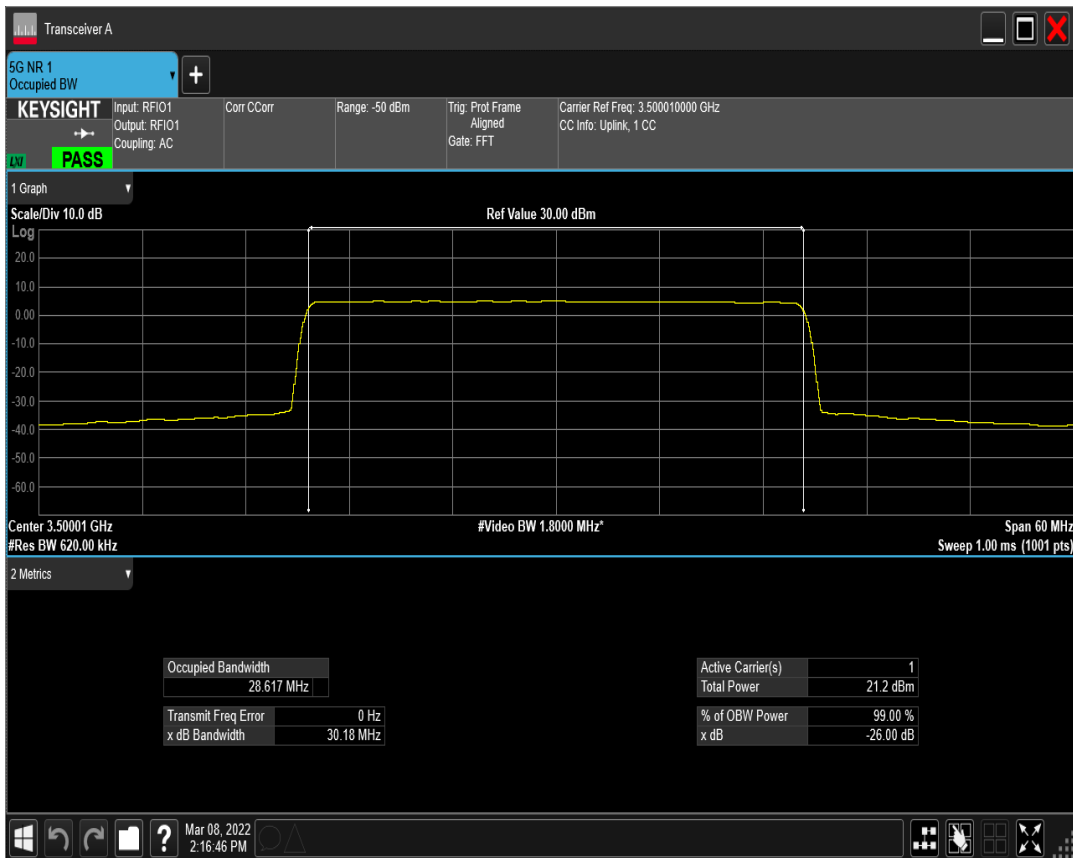
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=633334 RB=160@0



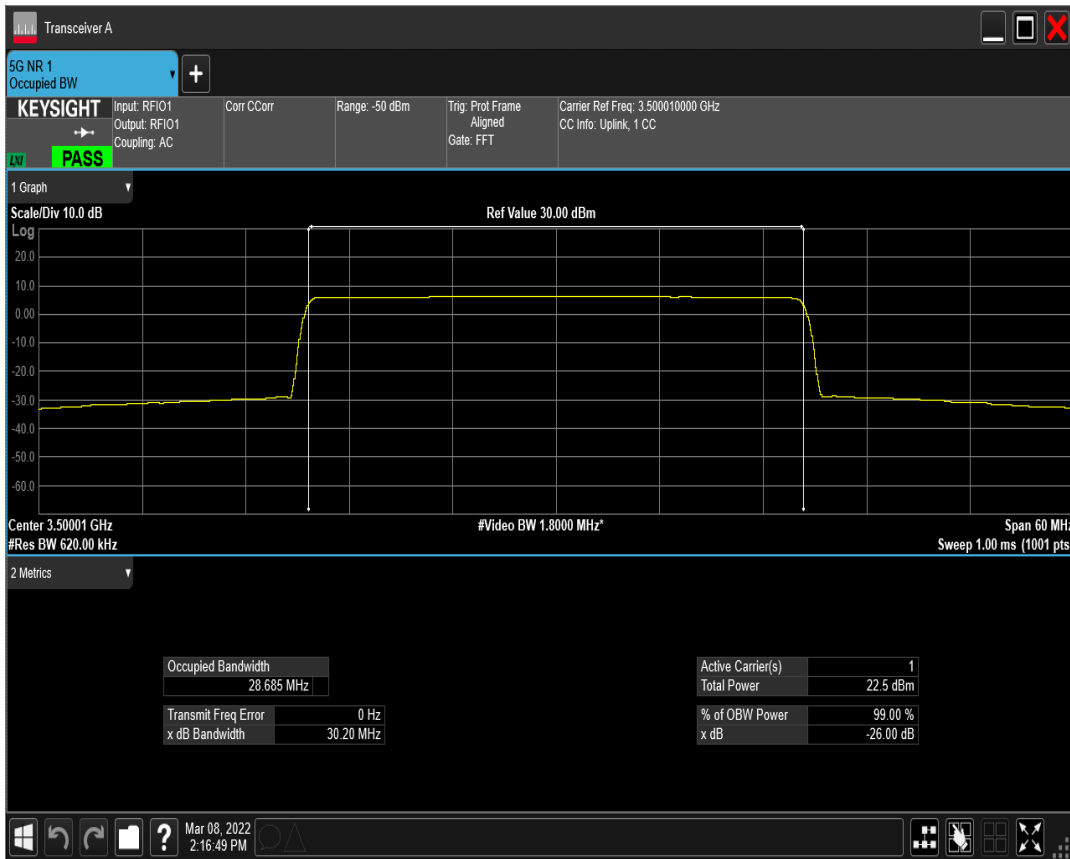
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=633334 RB=160@0



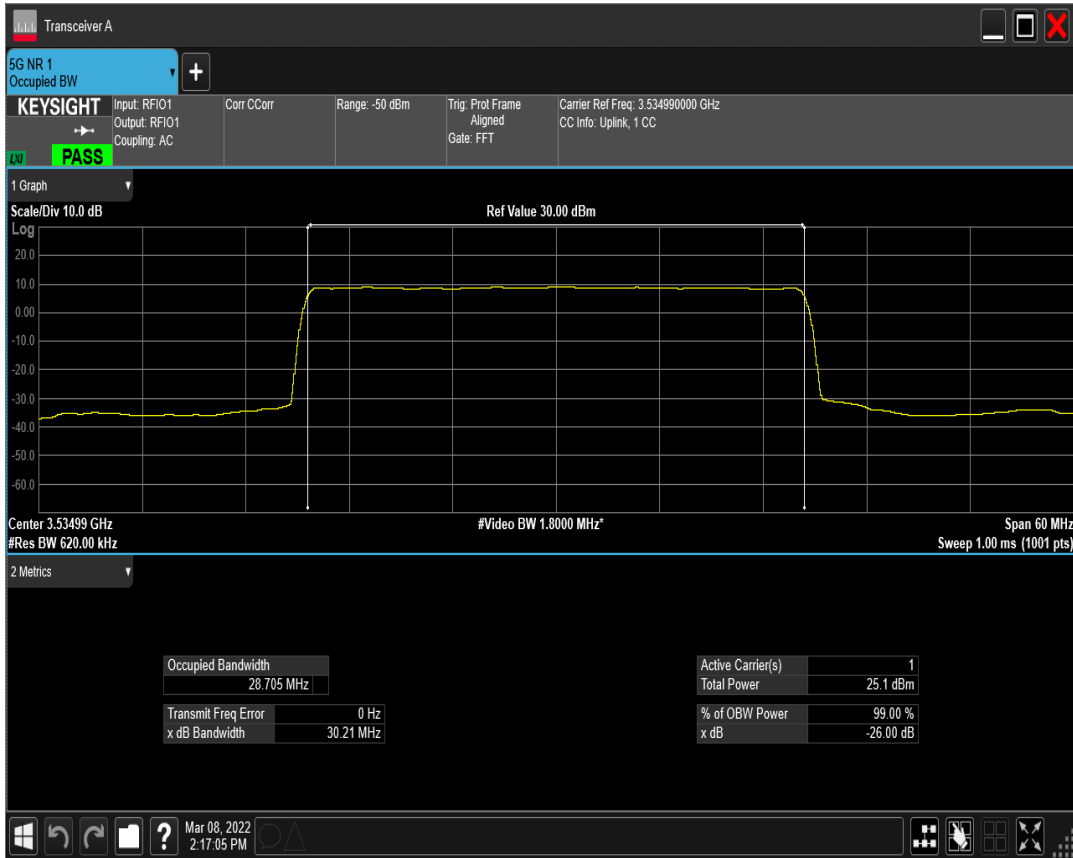
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=633334 RB=160@0



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



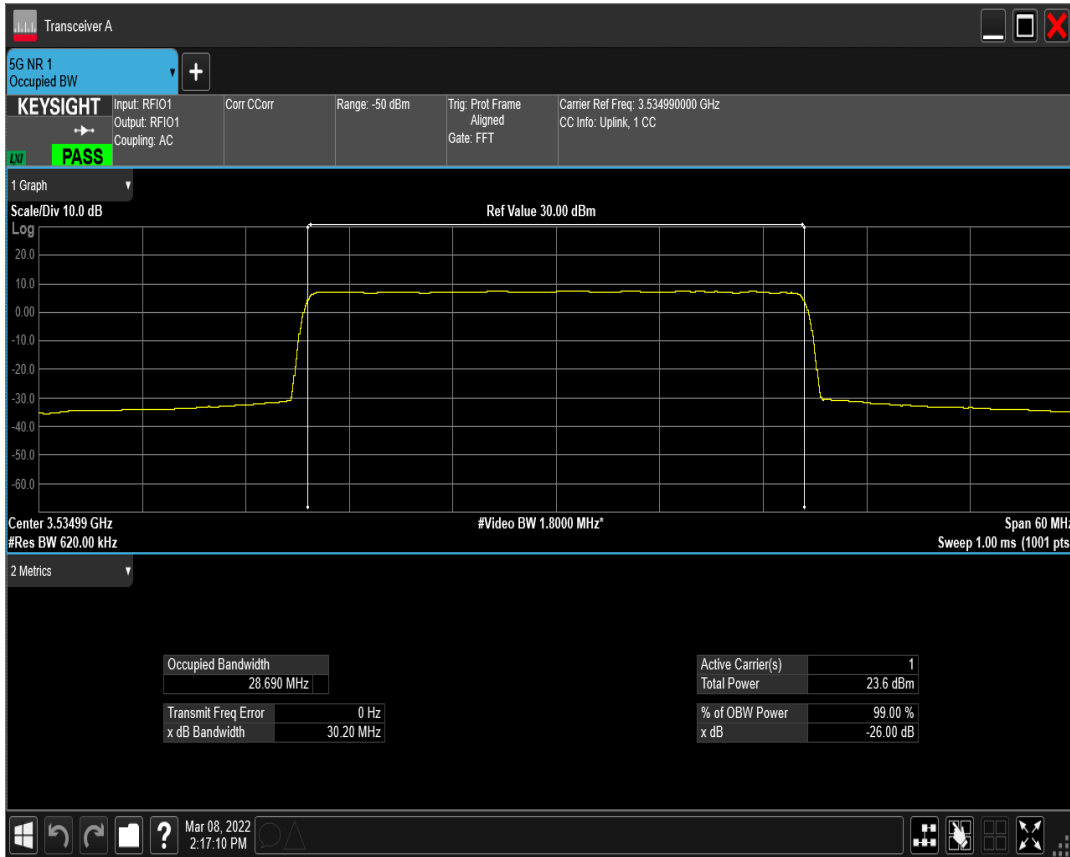
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=635666 RB=160@0



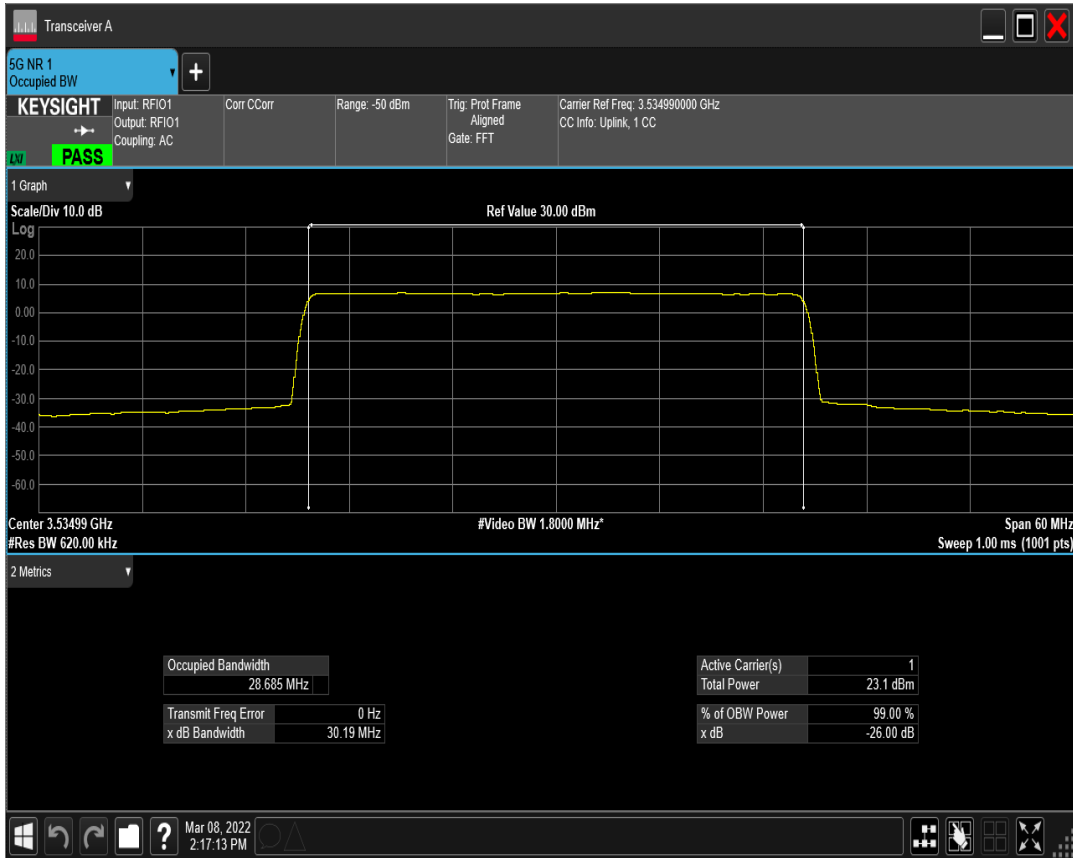
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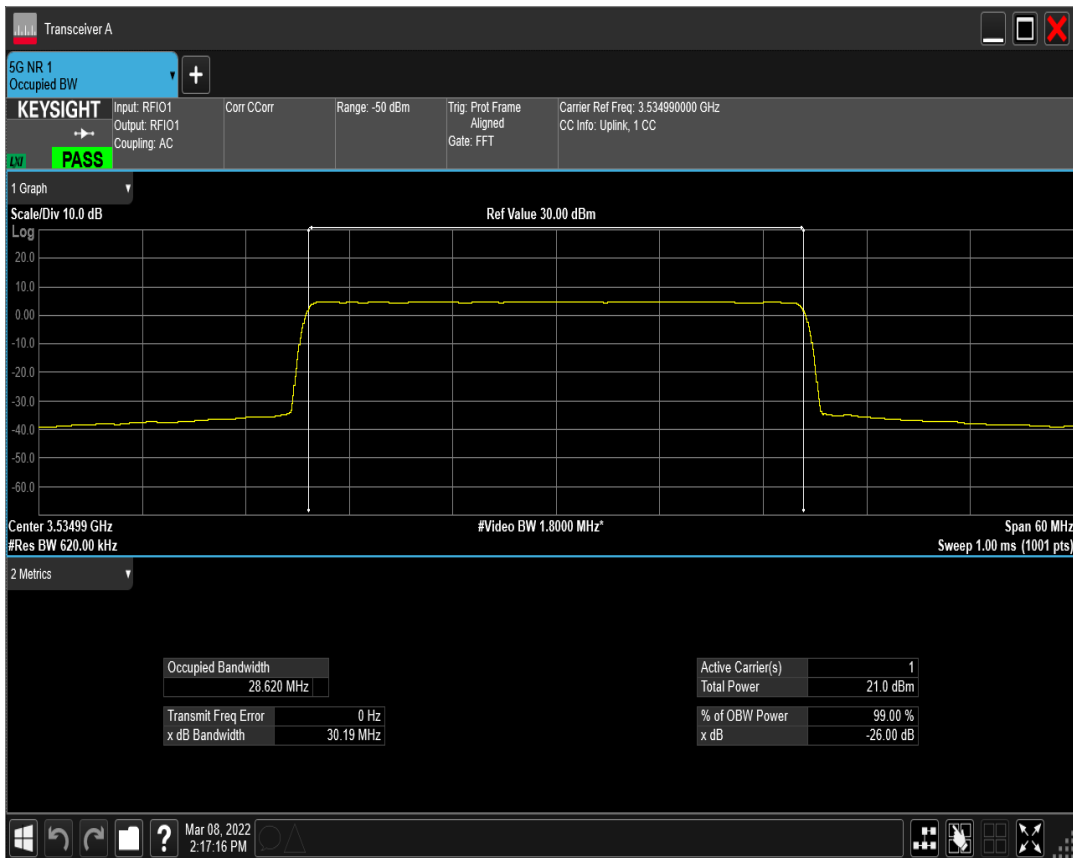
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=635666 RB=160@0



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



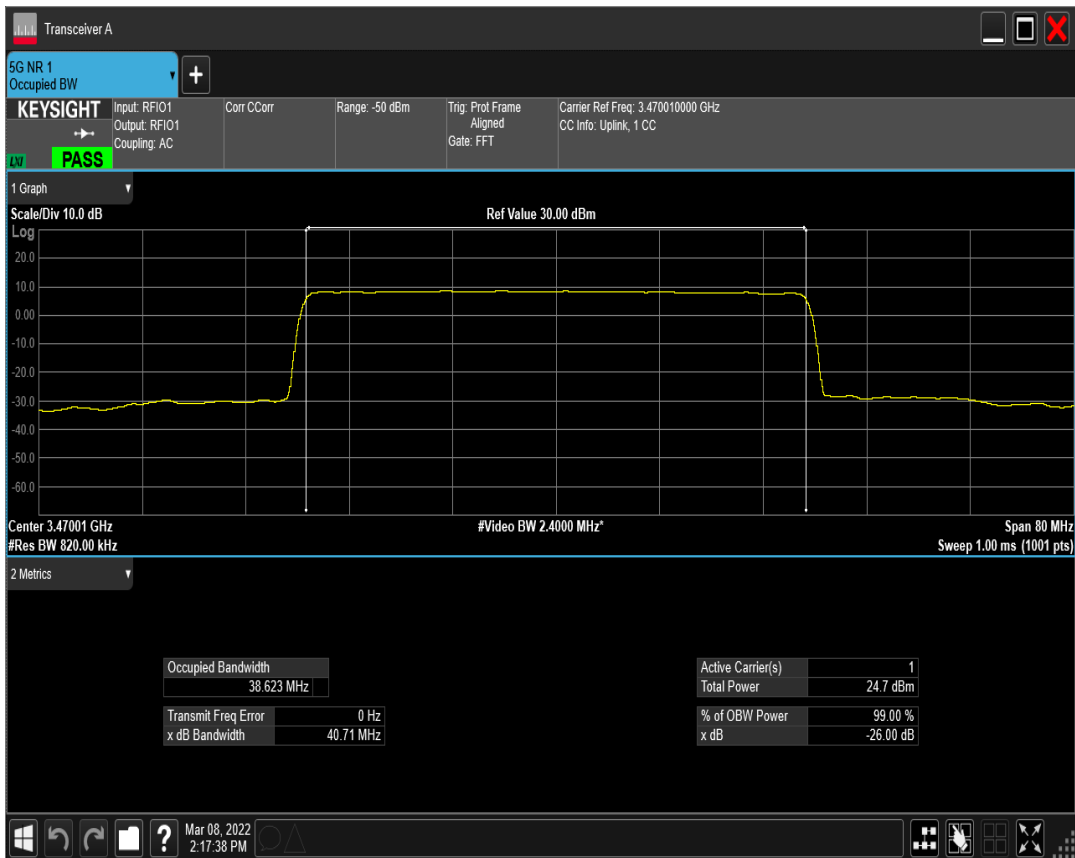
n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=635666 RB=160@0



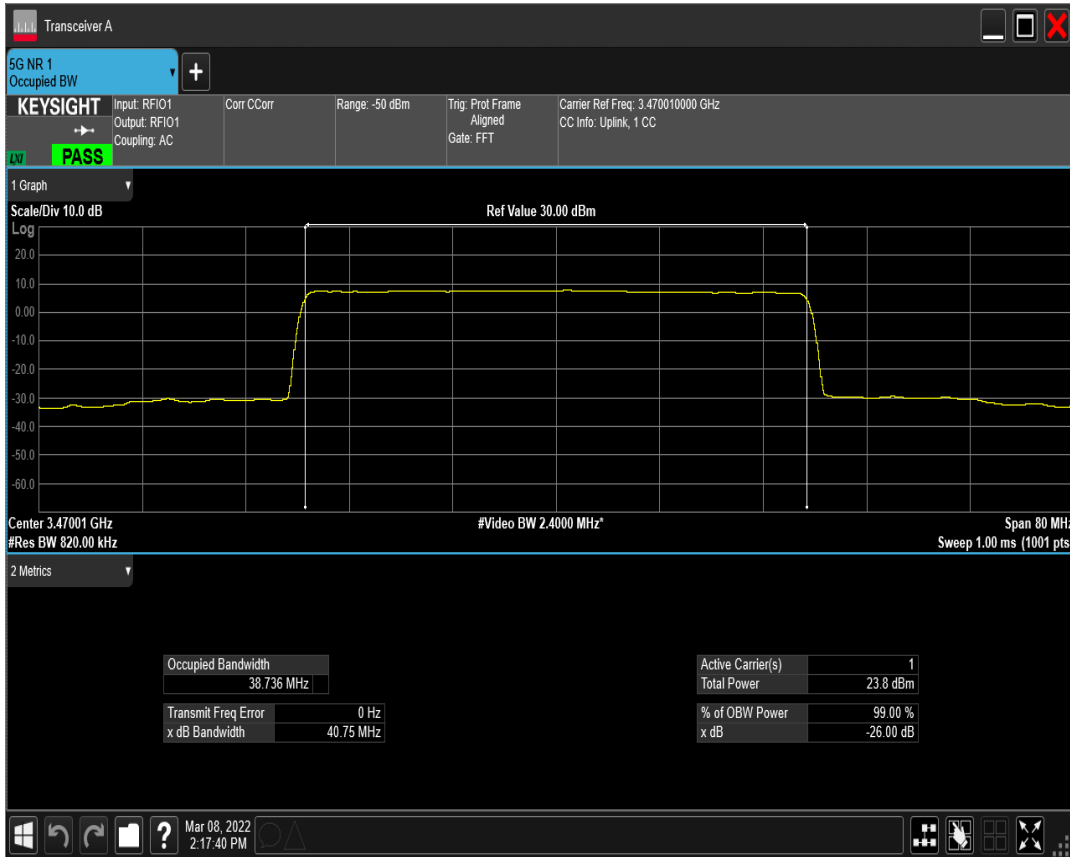
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=631334 RB=216@0



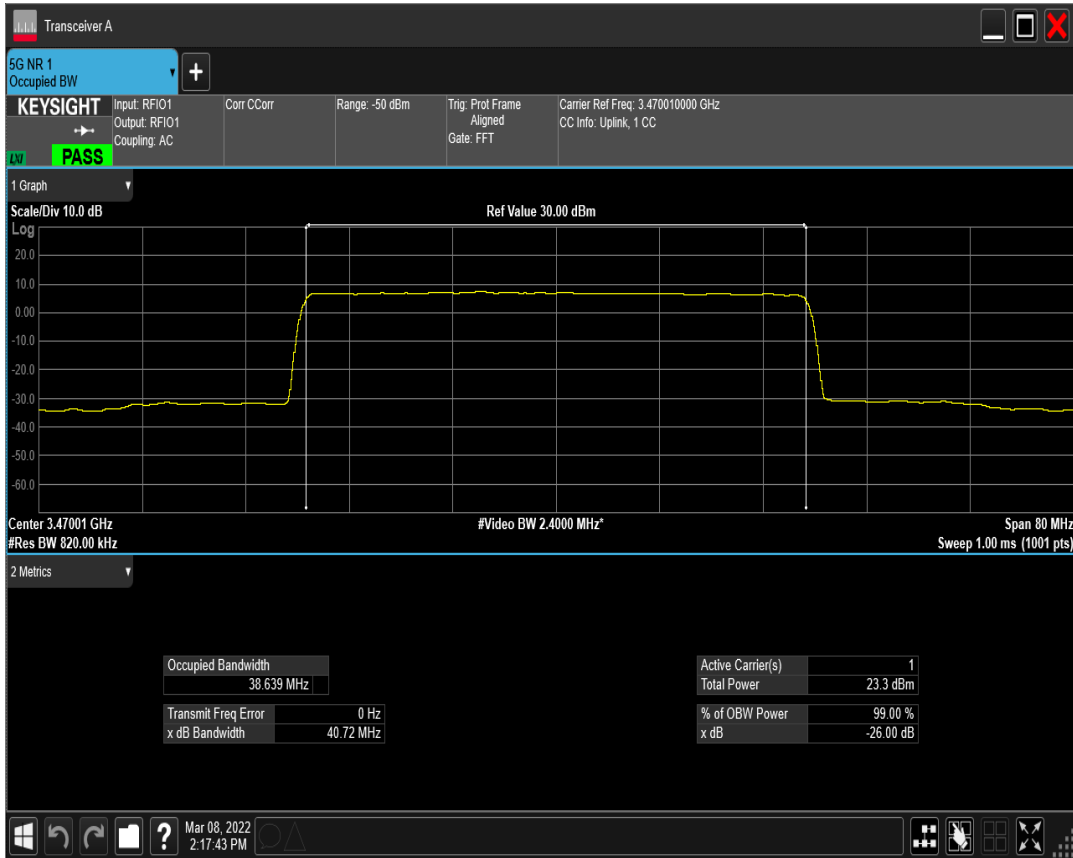
n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=631334 RB=216@0



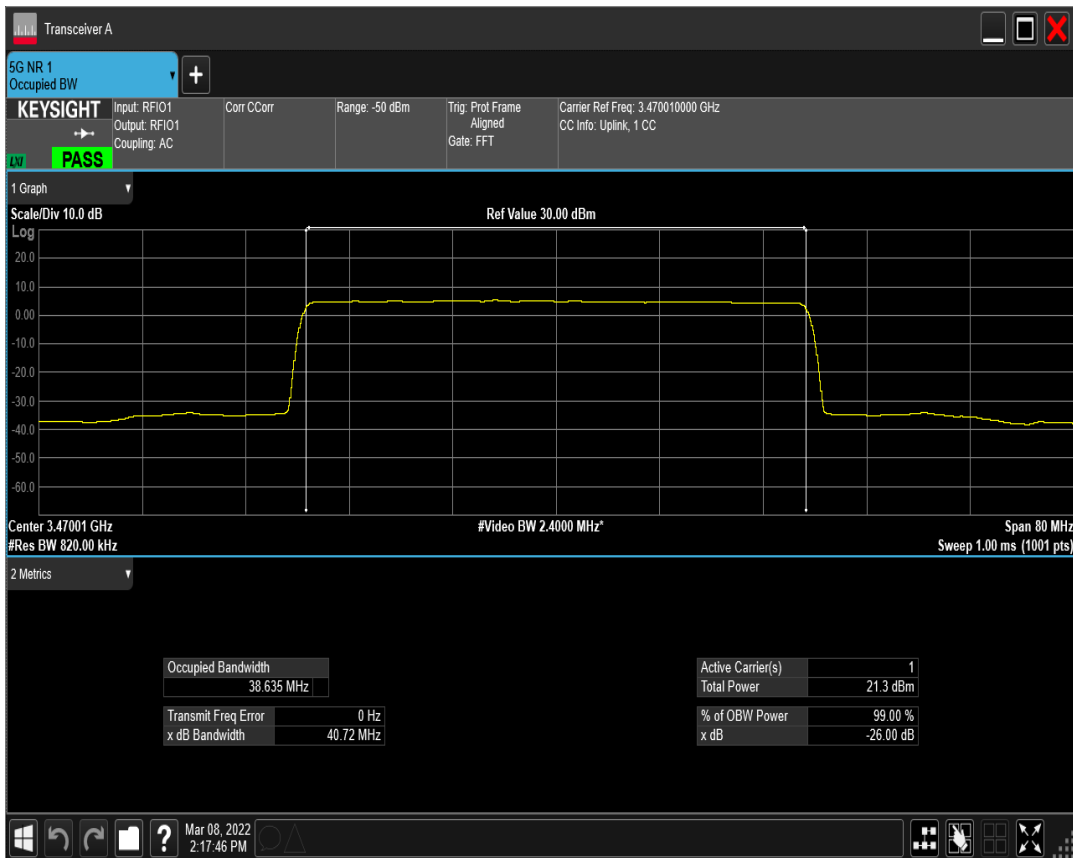
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=631334 RB=216@0



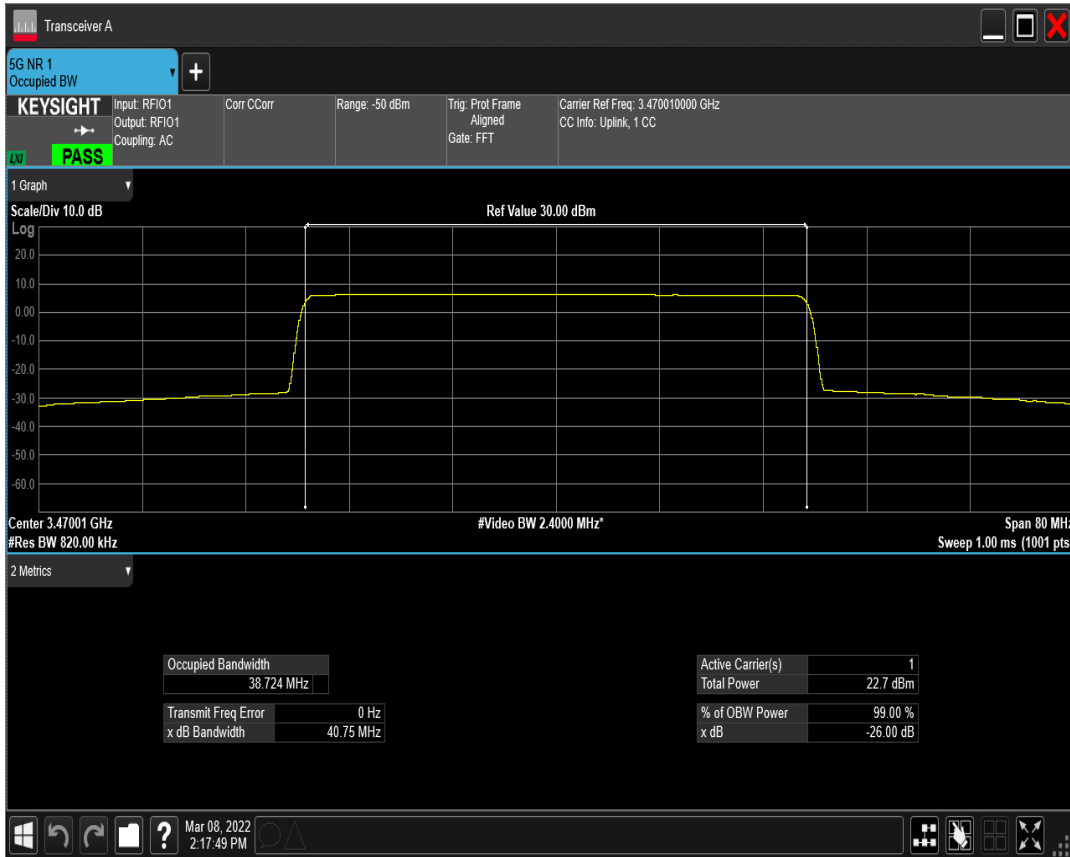
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=631334 RB=216@0



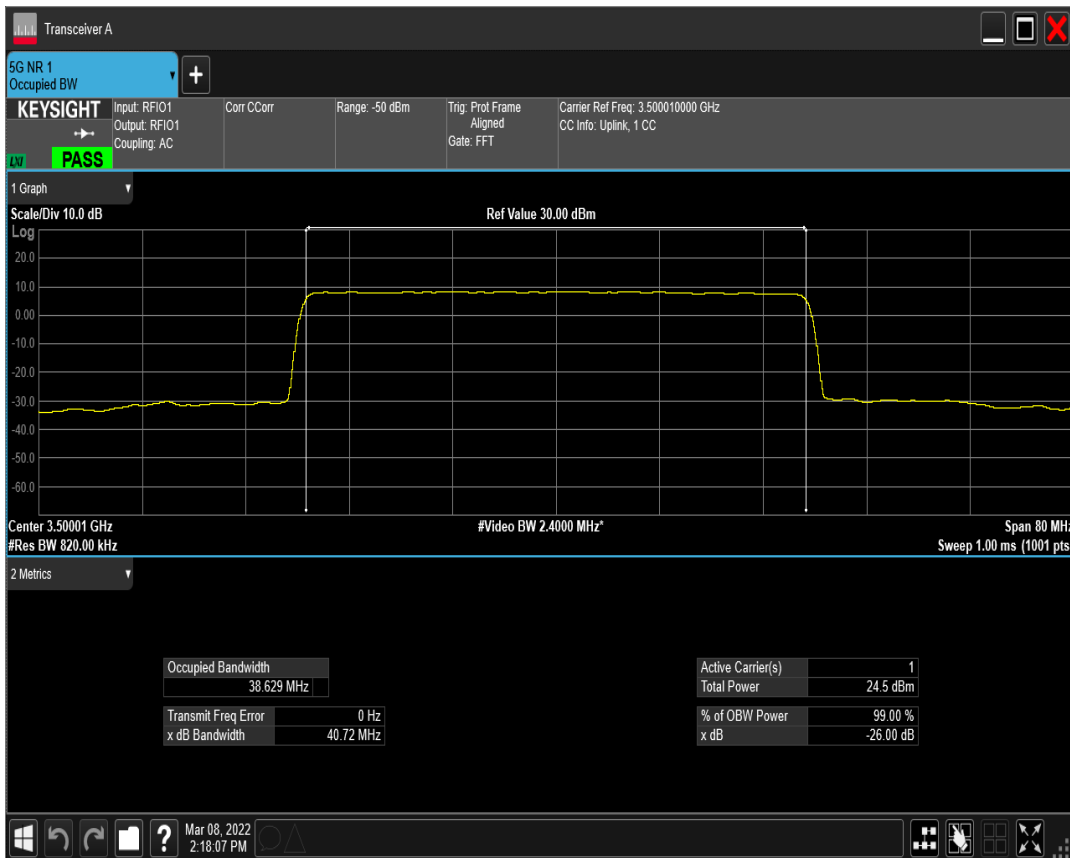
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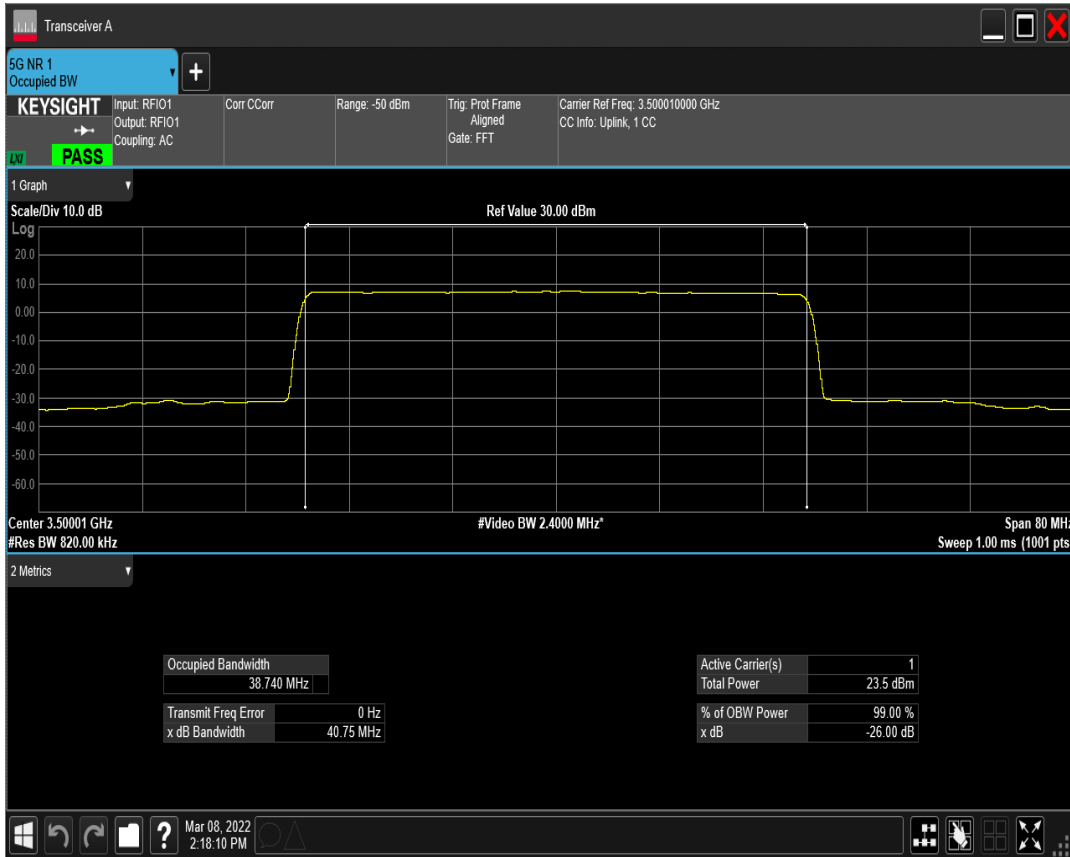
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=633334 RB=216@0



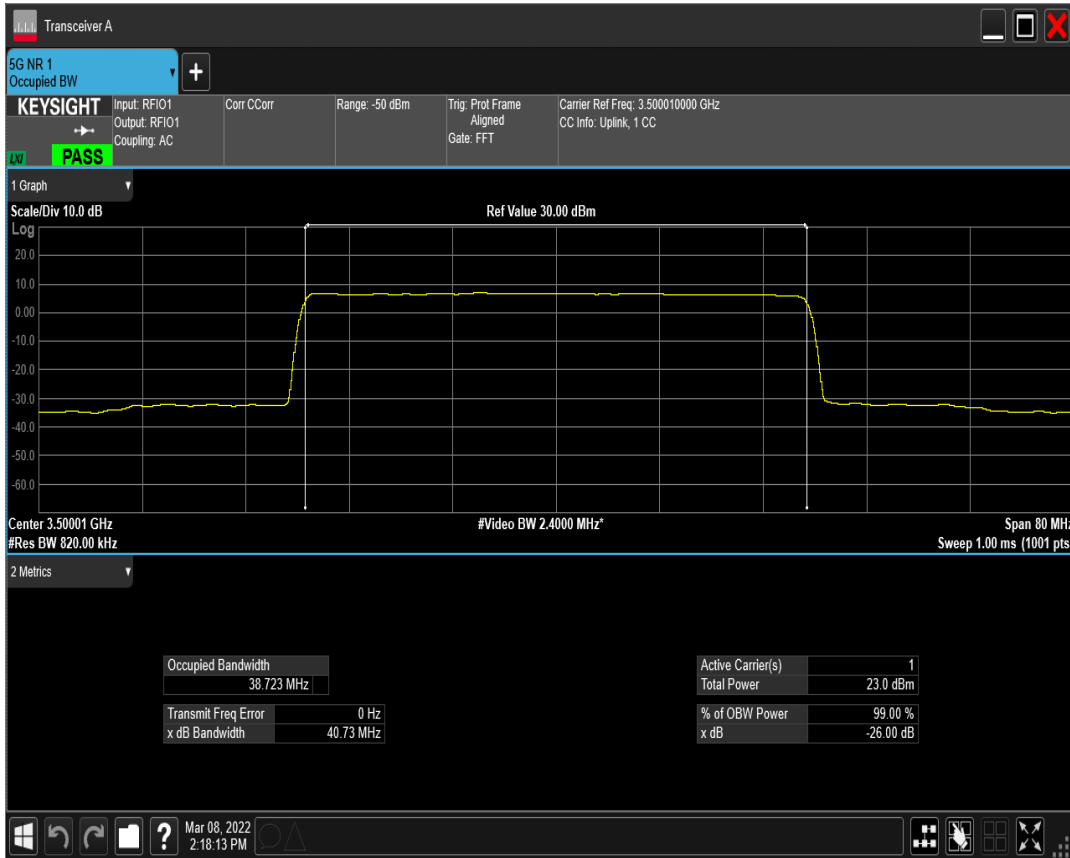
n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=633334 RB=216@0



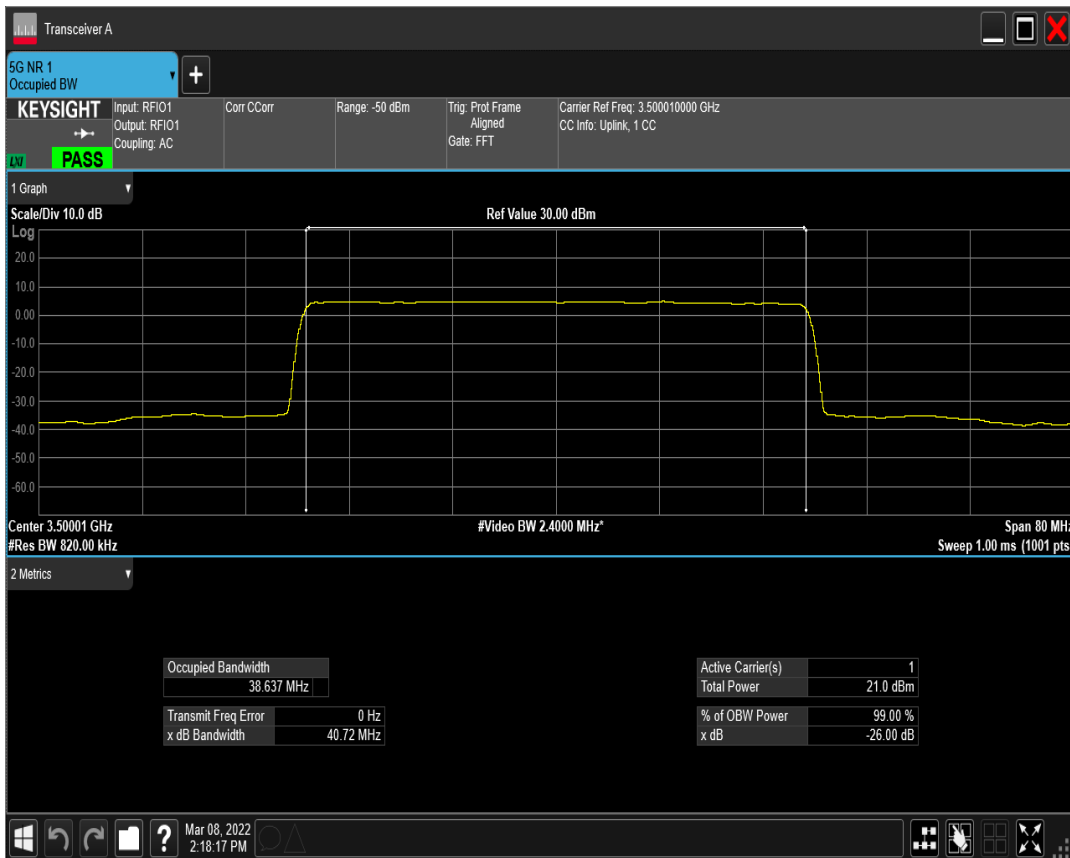
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=633334 RB=216@0



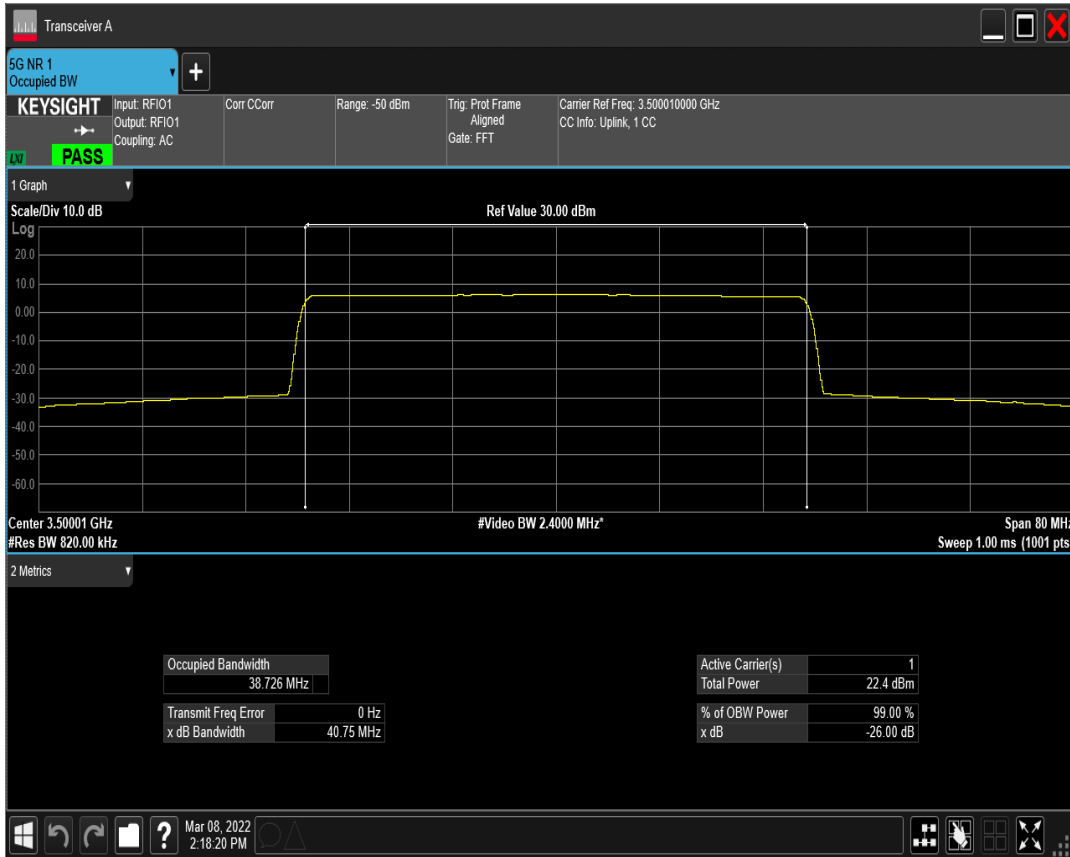
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=633334 RB=216@0



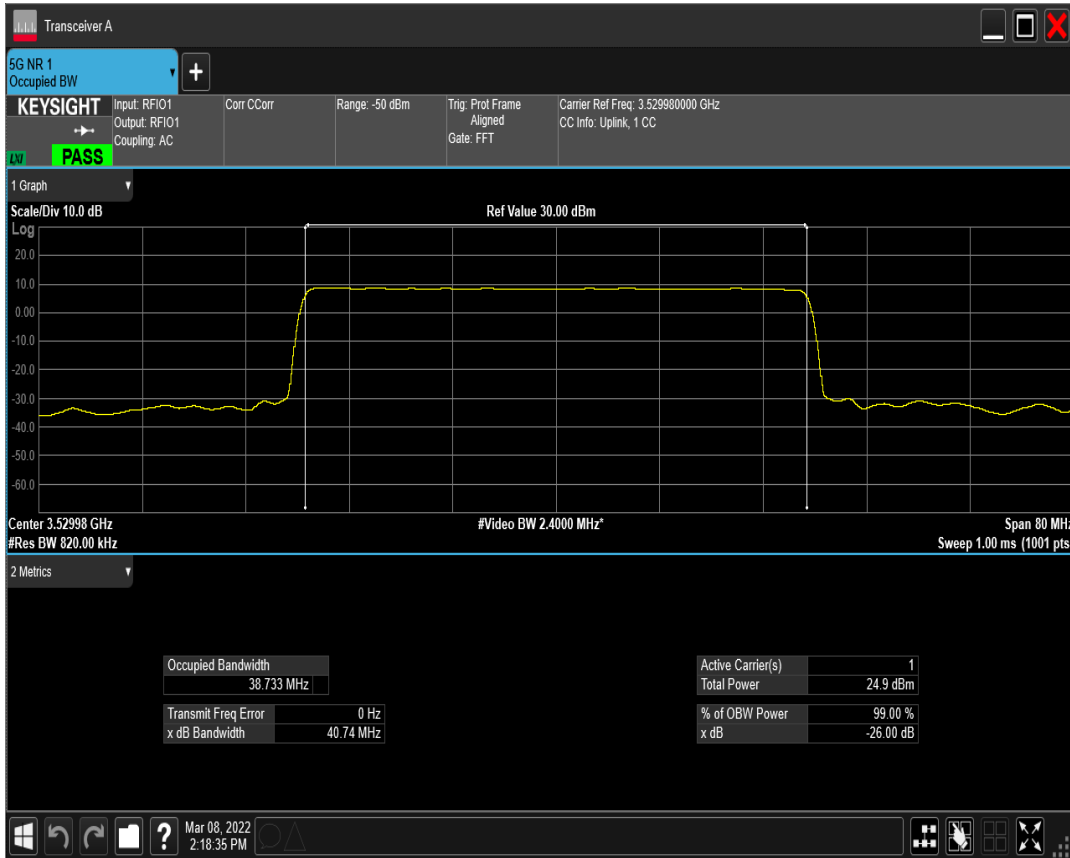
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=633334 RB=216@0



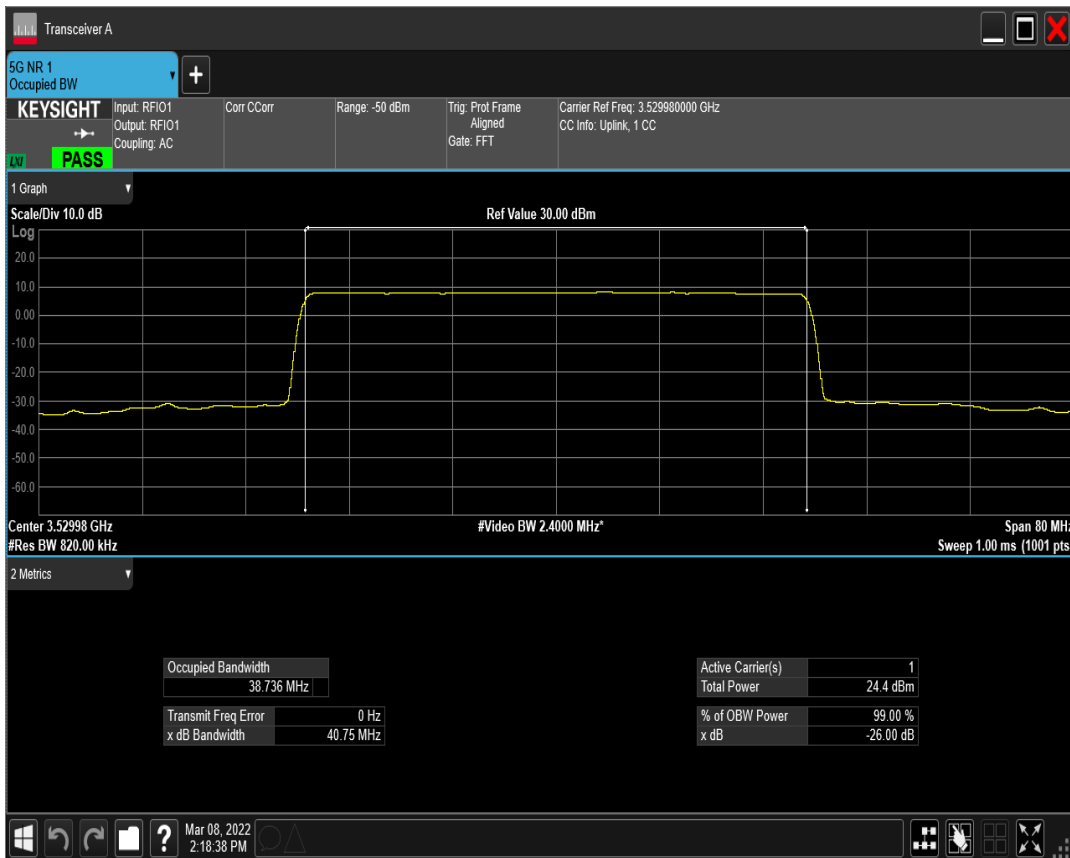
n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=633334 RB=216@0



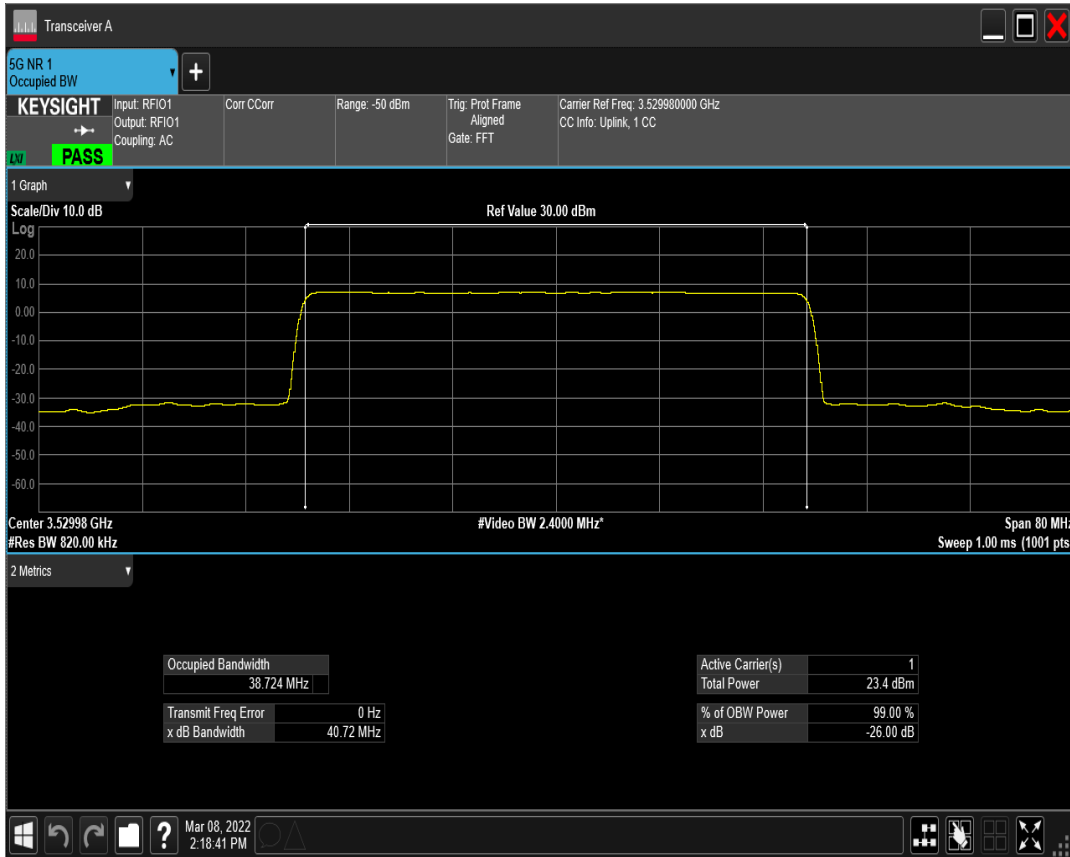
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=635332 RB=216@0



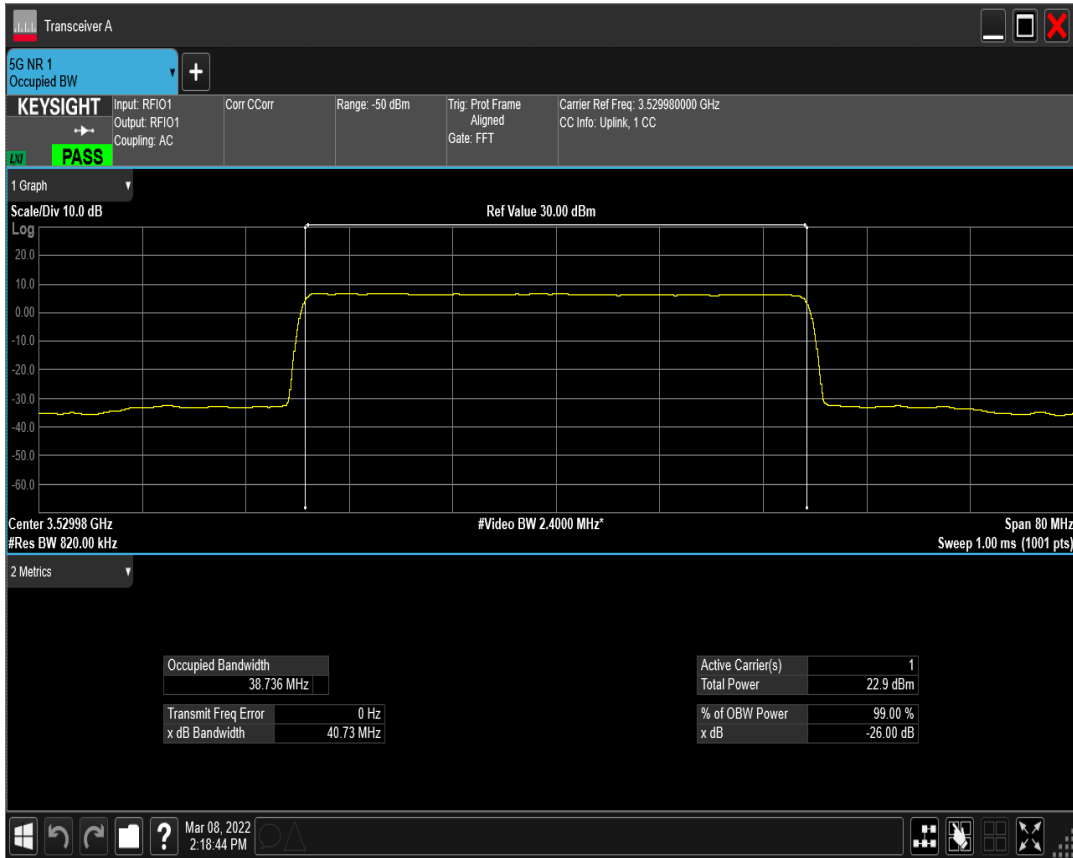
n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=635332 RB=216@0



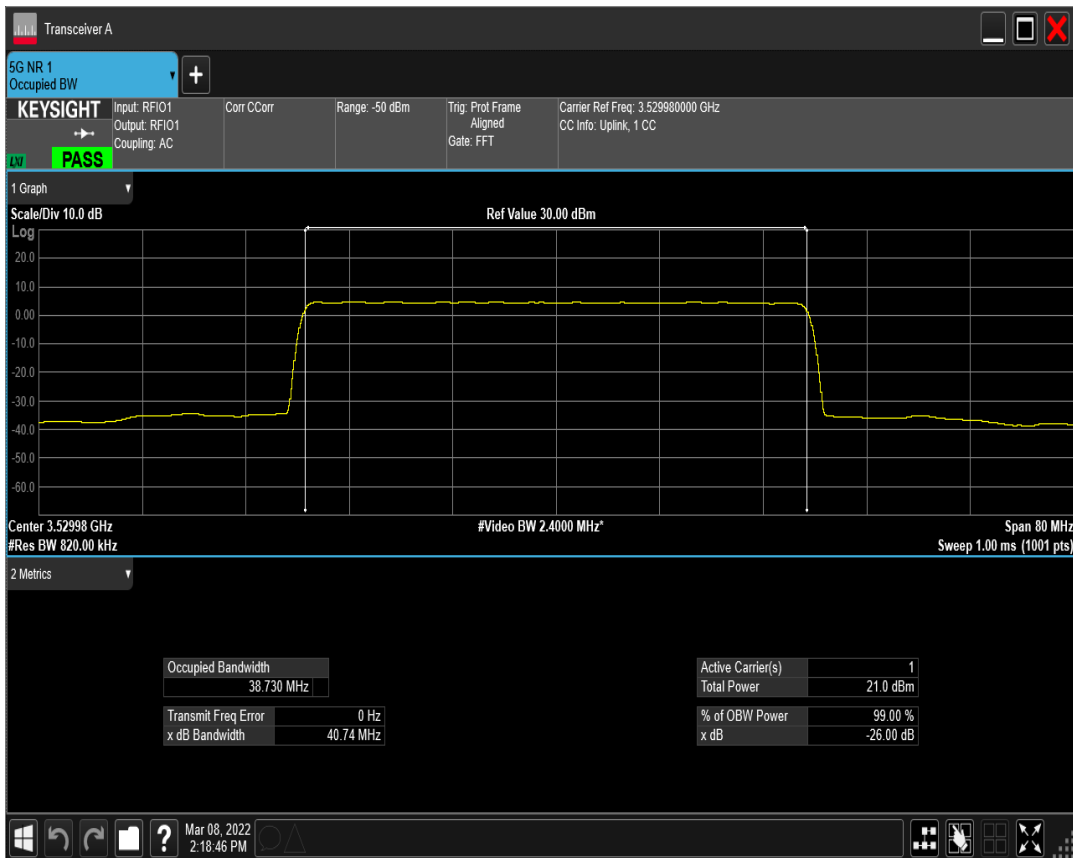
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=635332 RB=216@0



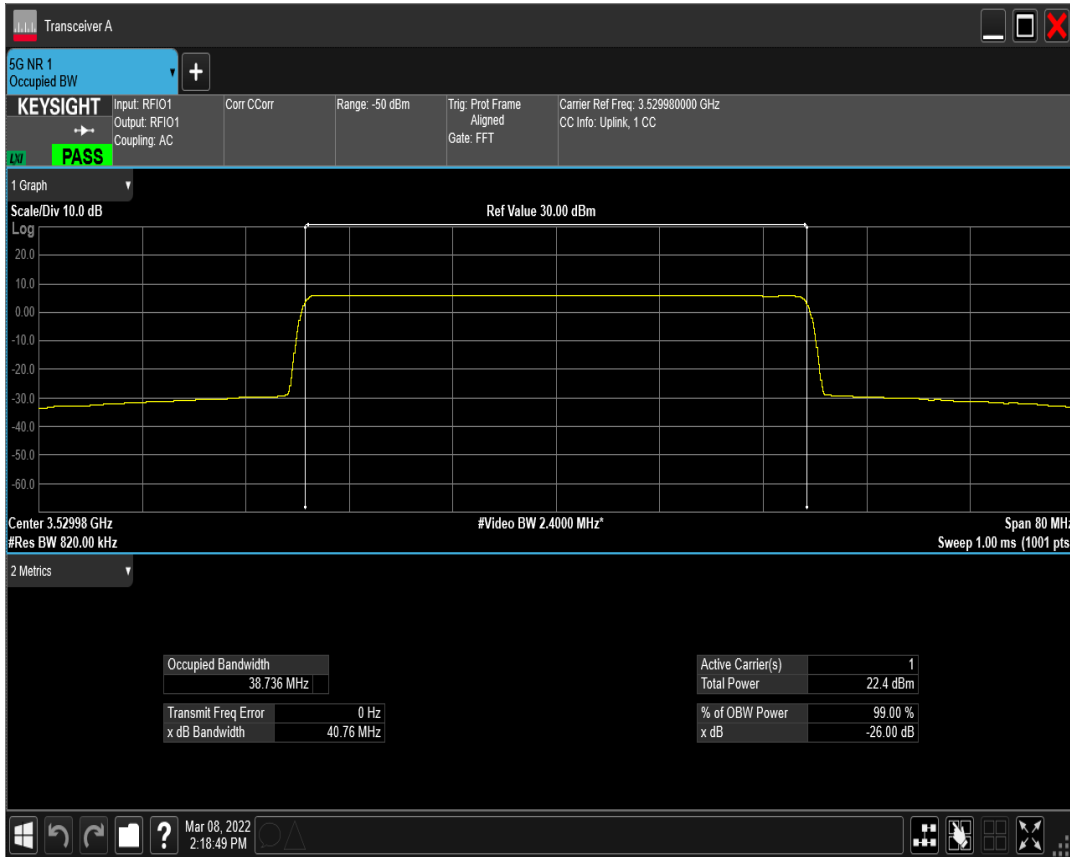
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=635332 RB=216@0



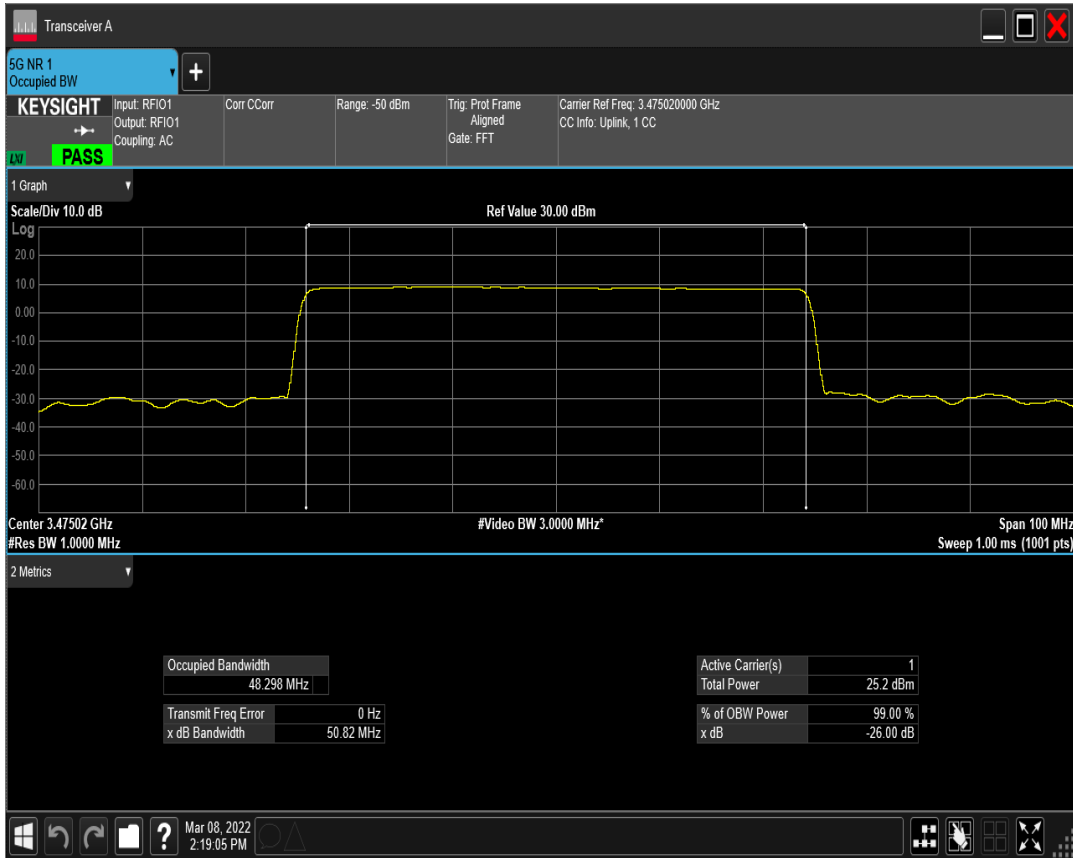
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=635332 RB=216@0



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



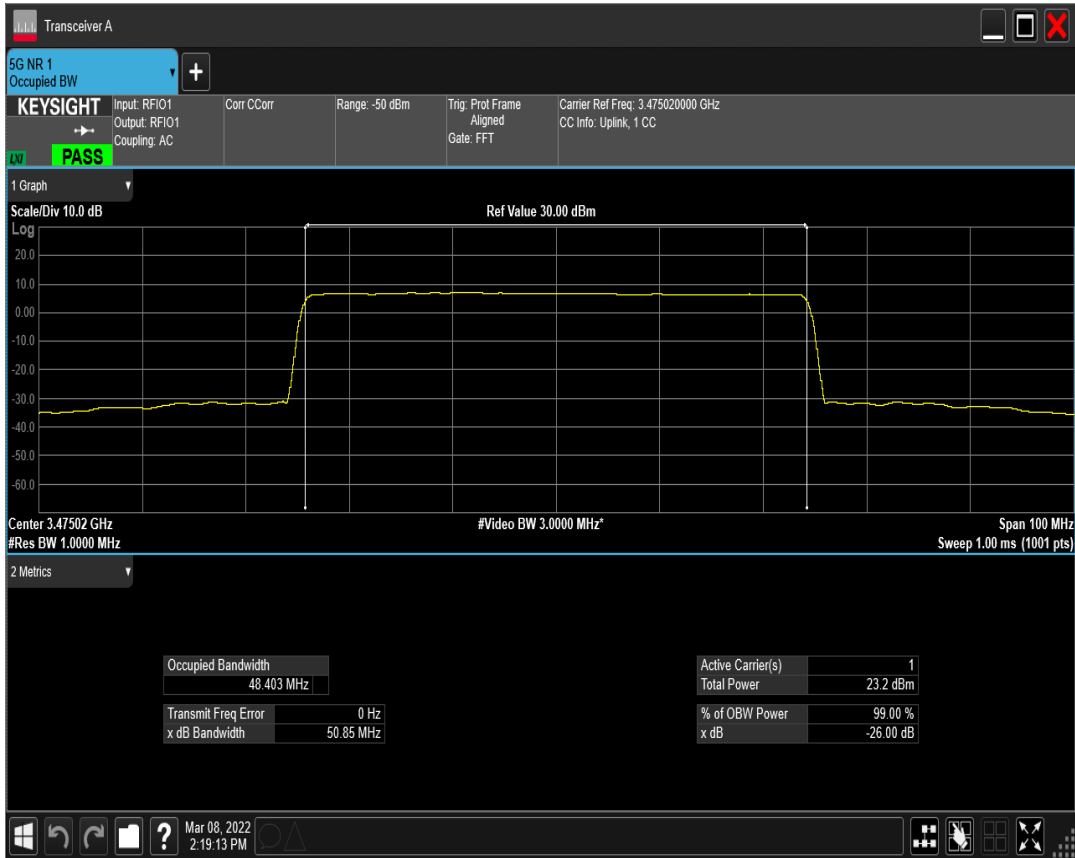
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



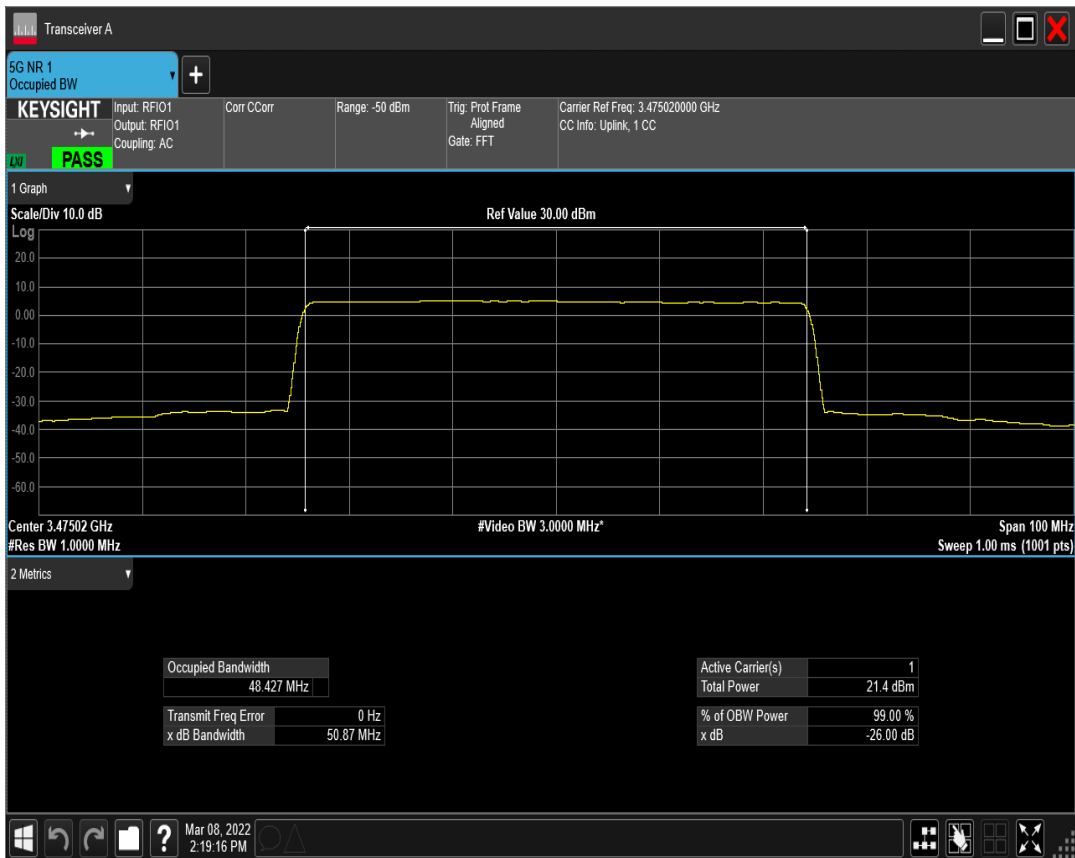
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=631668 RB=270@0



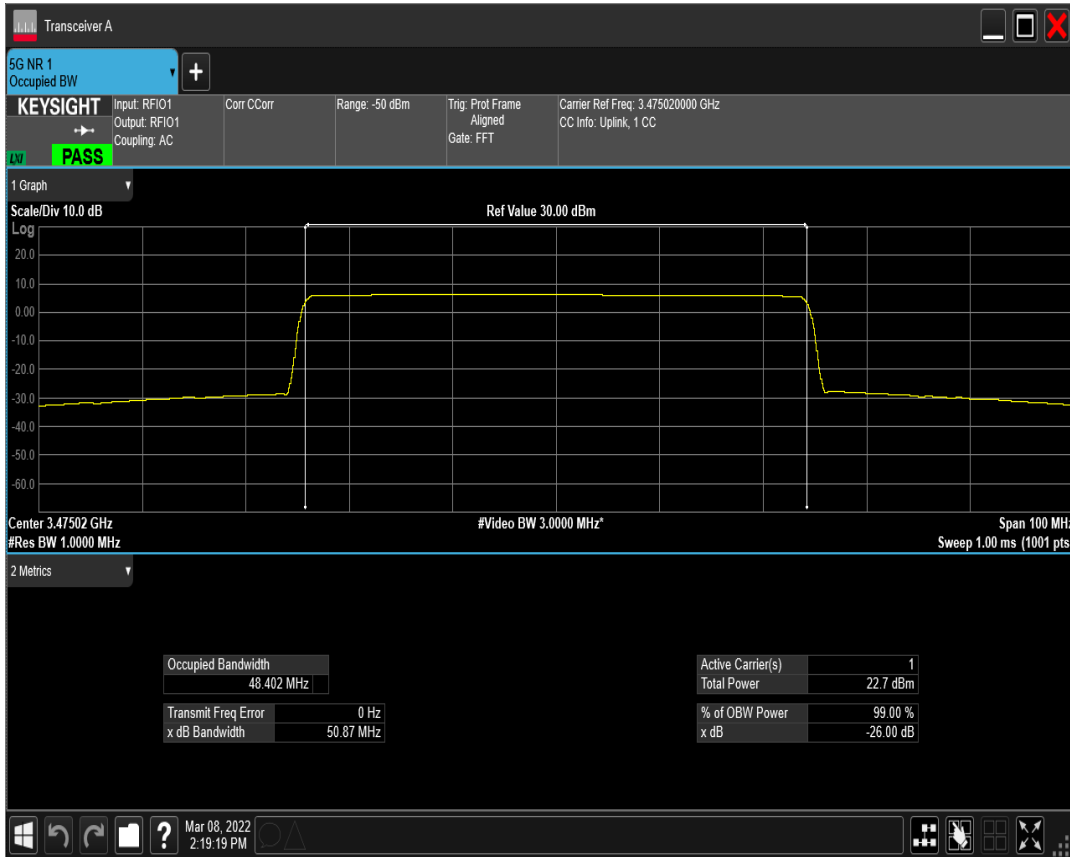
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=631668 RB=270@0



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



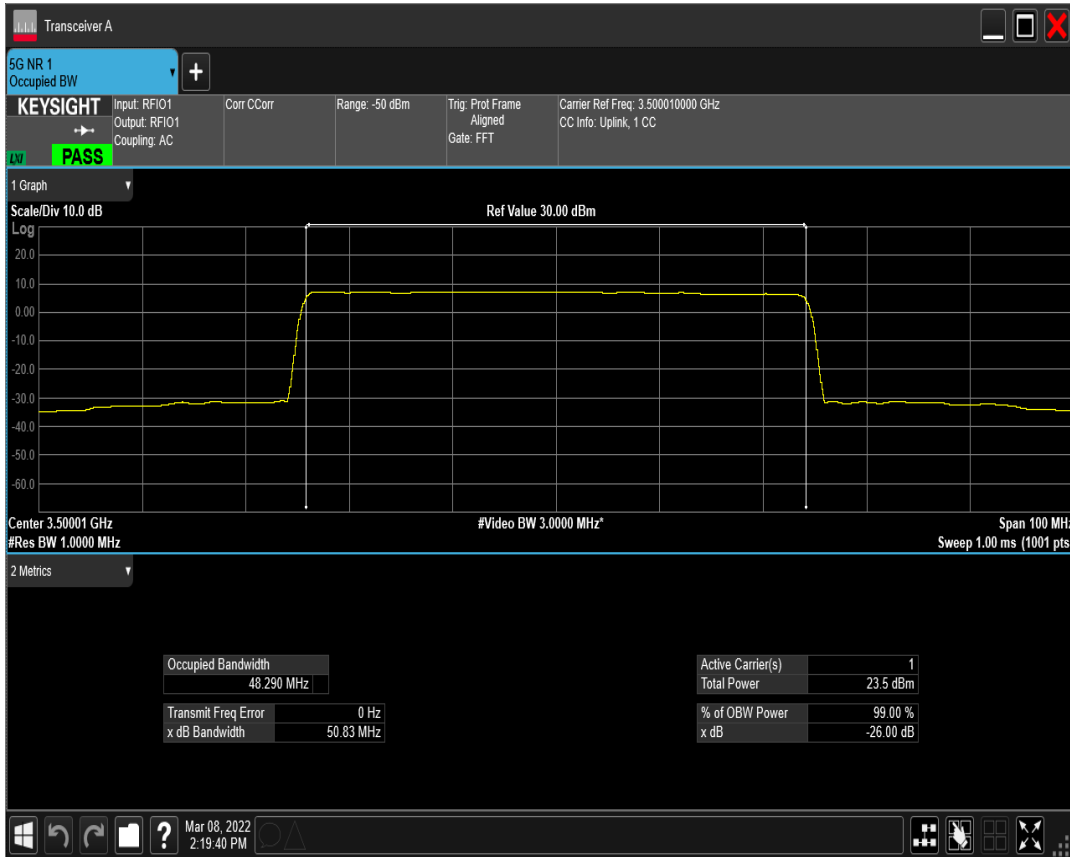
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=633334 RB=270@0



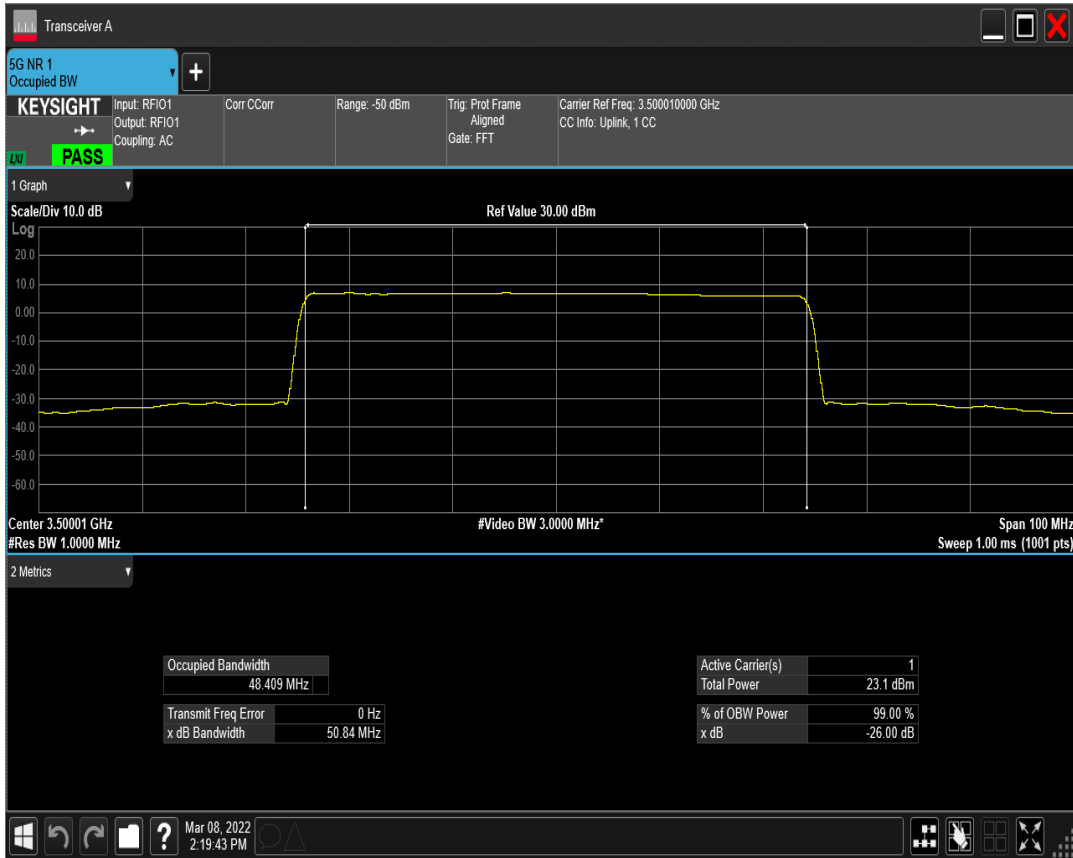
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



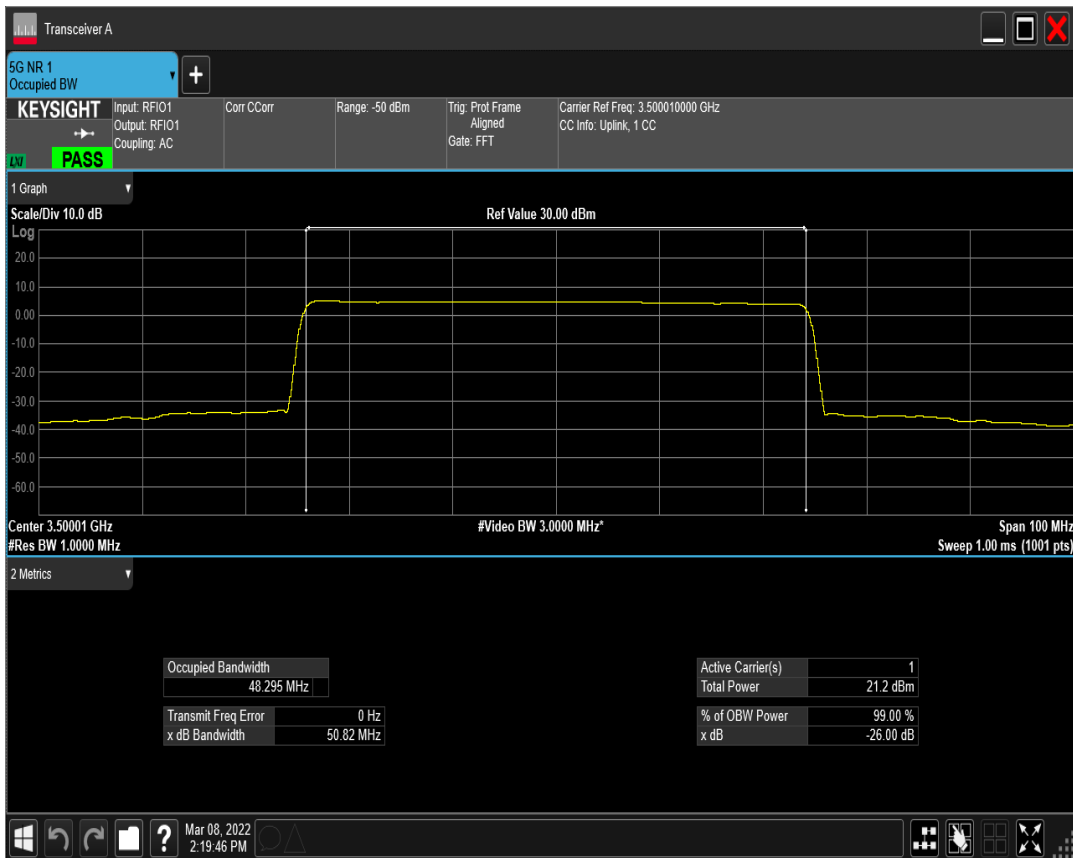
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



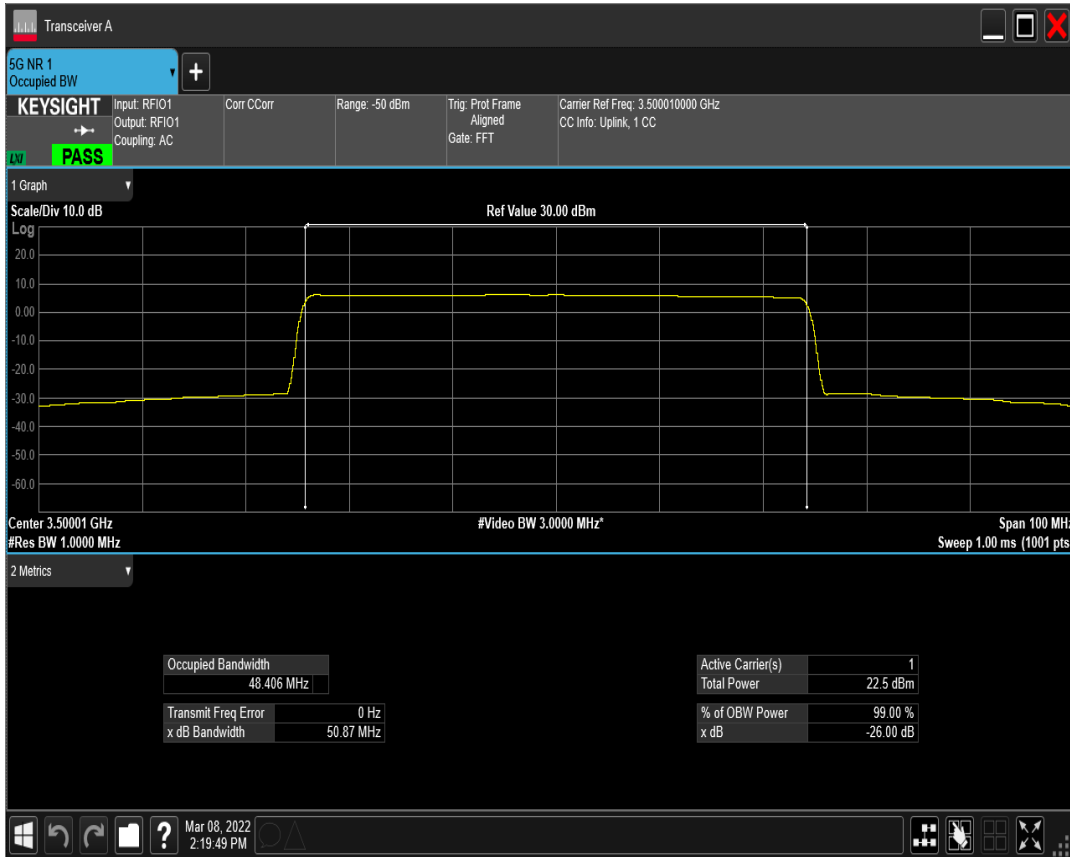
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



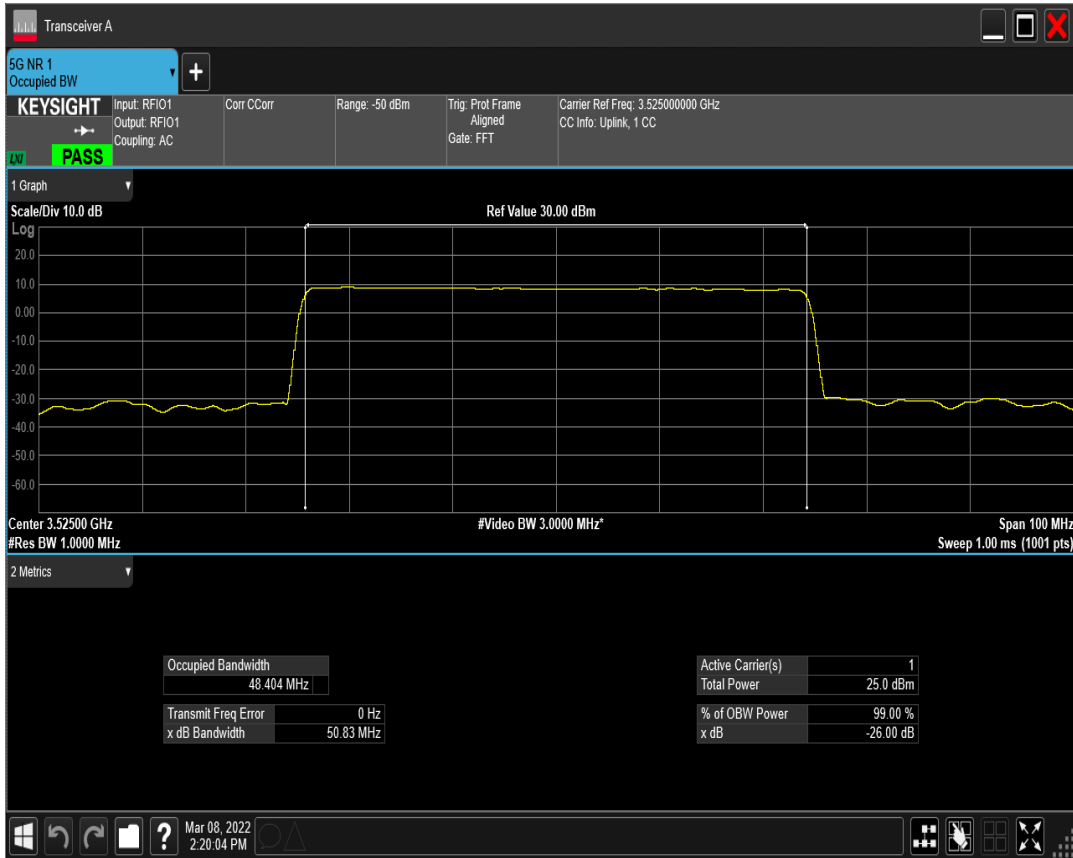
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



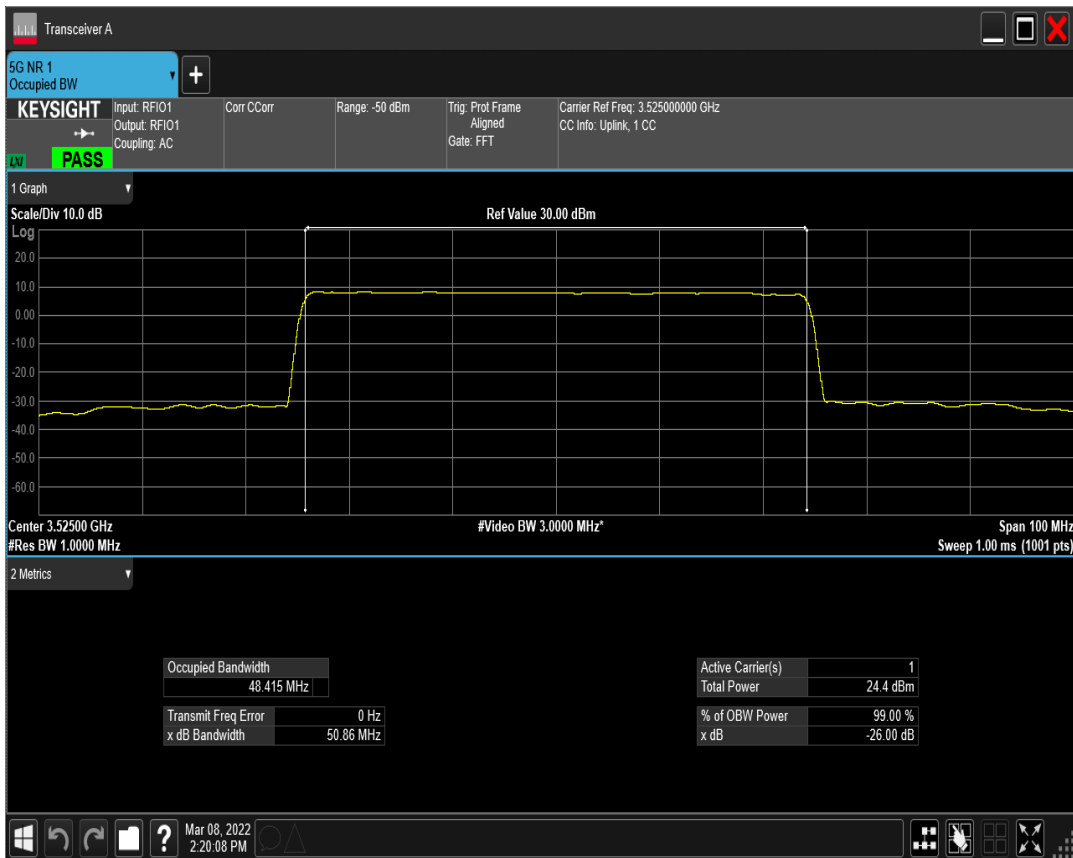
n77(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=633334 RB=270@0



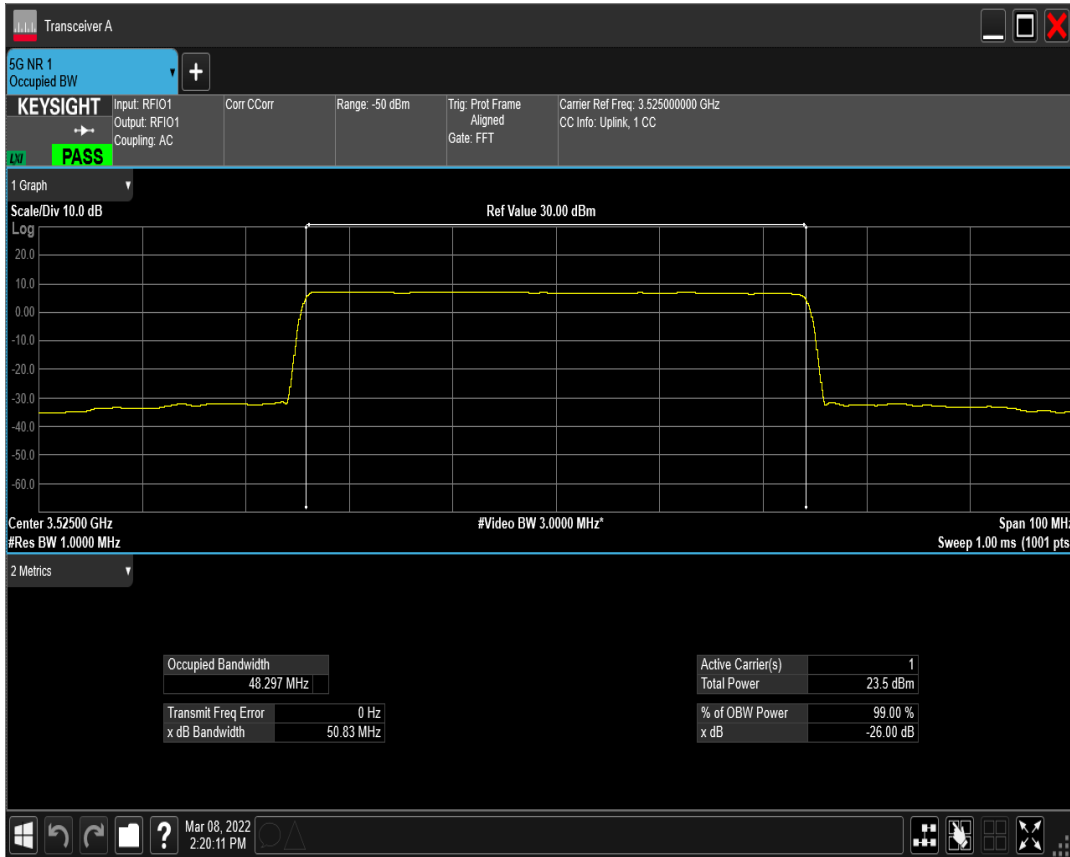
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=635000 RB=270@0



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



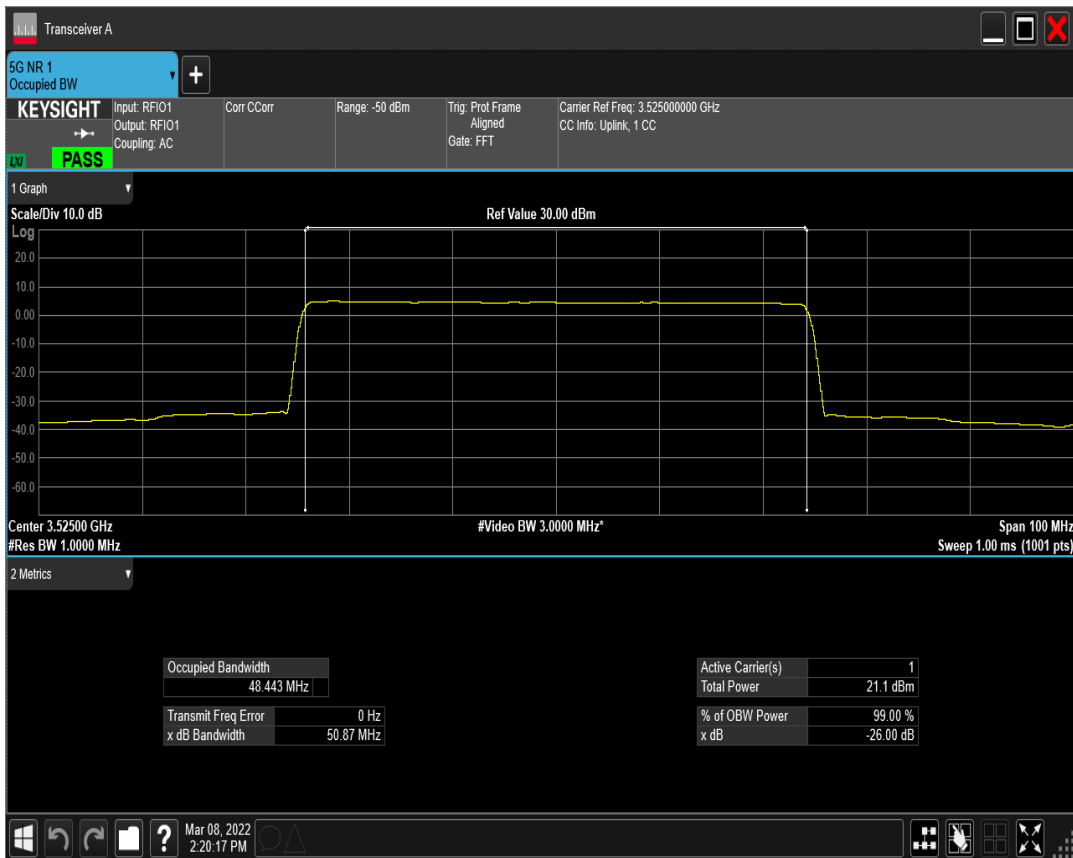
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=635000 RB=270@0



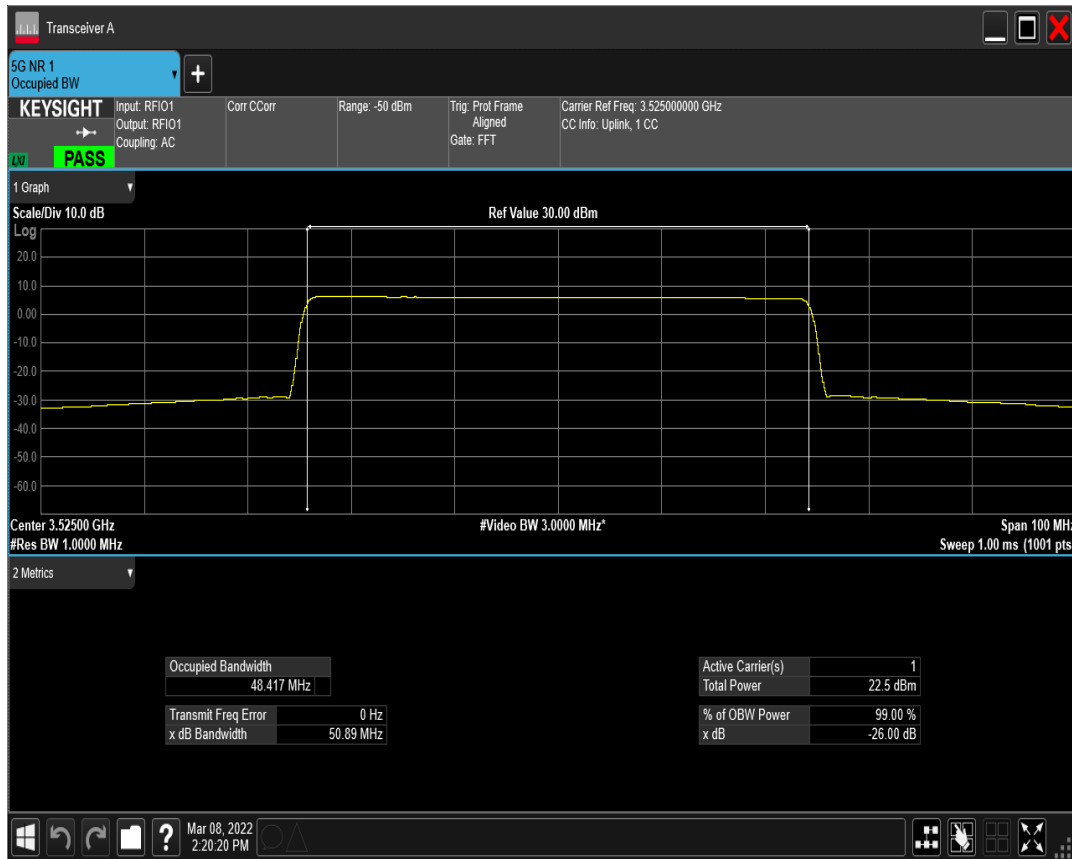
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=635000 RB=270@0



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



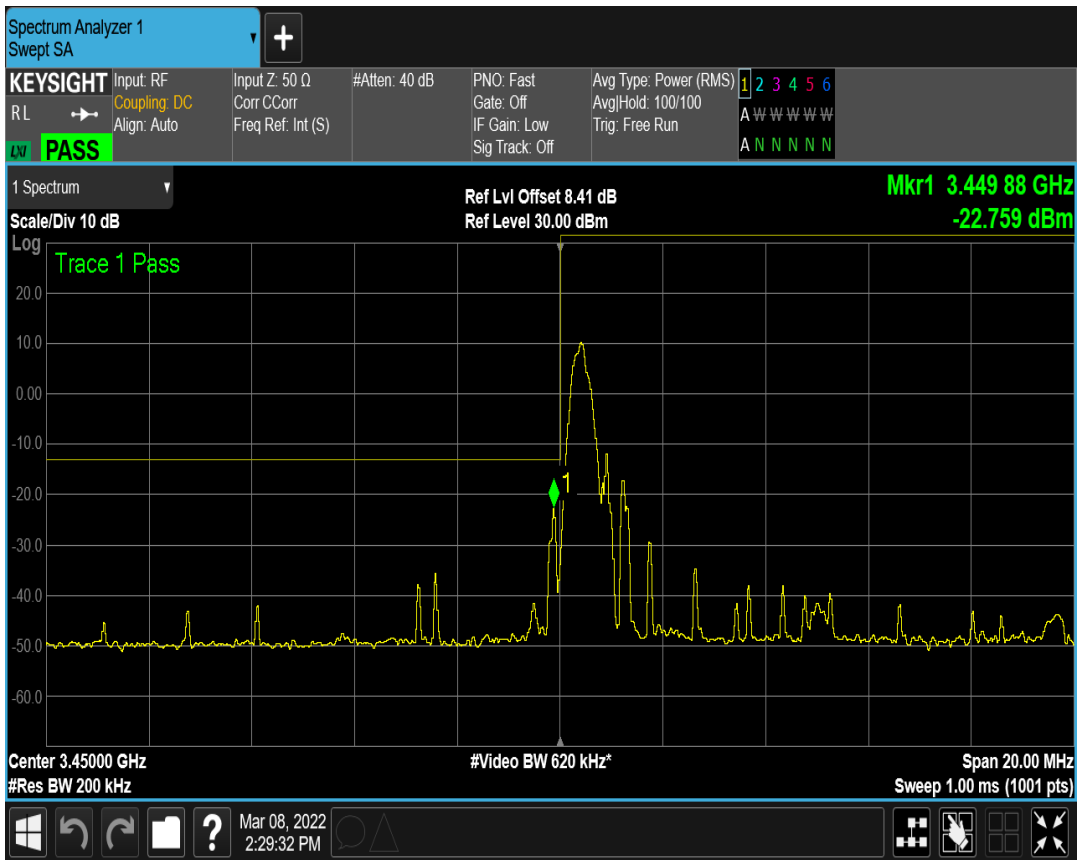
5 Band edge for NR FR1

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	3448.56	-41.78	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.88	-22.75	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3550.98	-40.00	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.04	-19.10	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3441.60	-38.28	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3450.00	-31.22	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-32.52	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.00	-33.36	-13	PASS

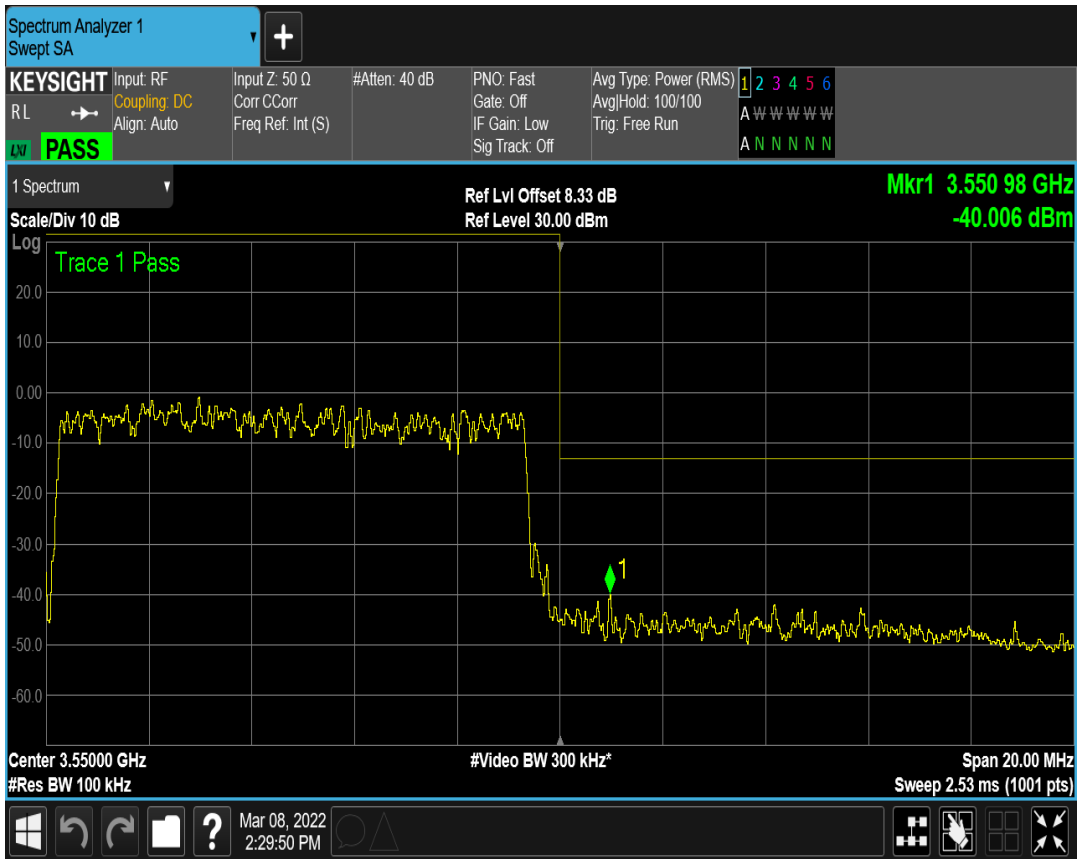
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



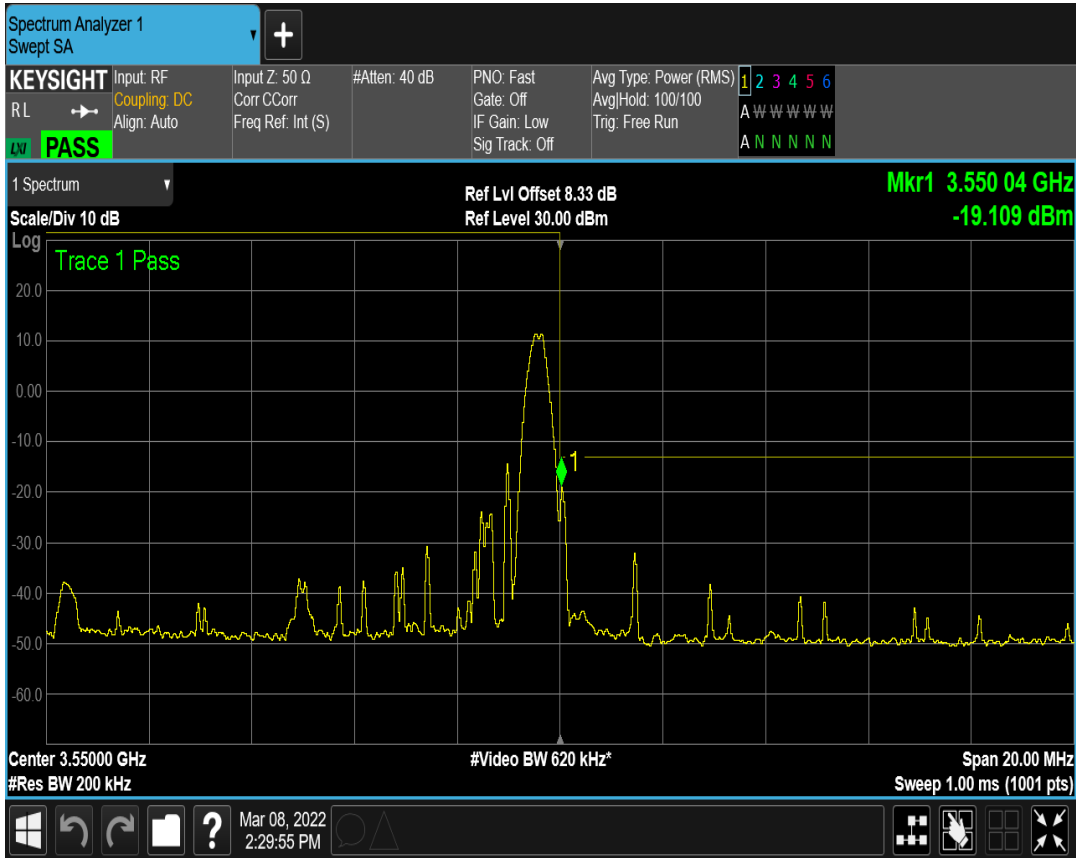
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1 @0



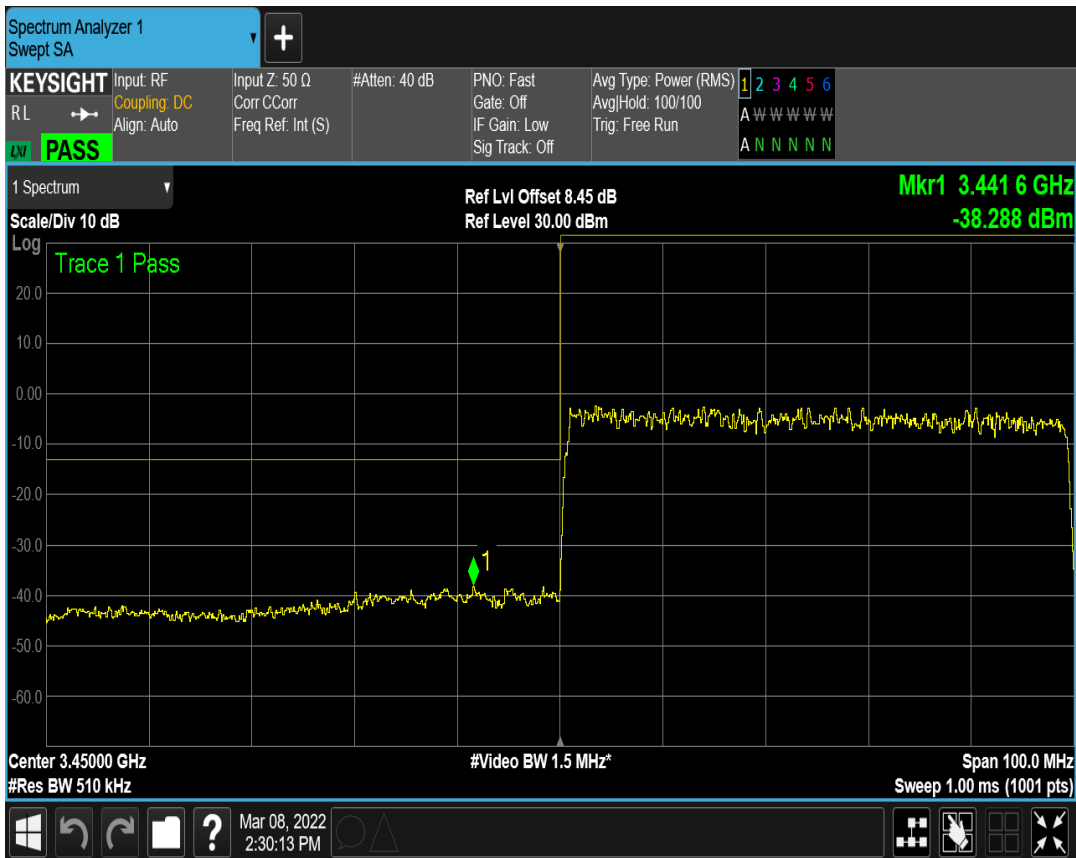
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



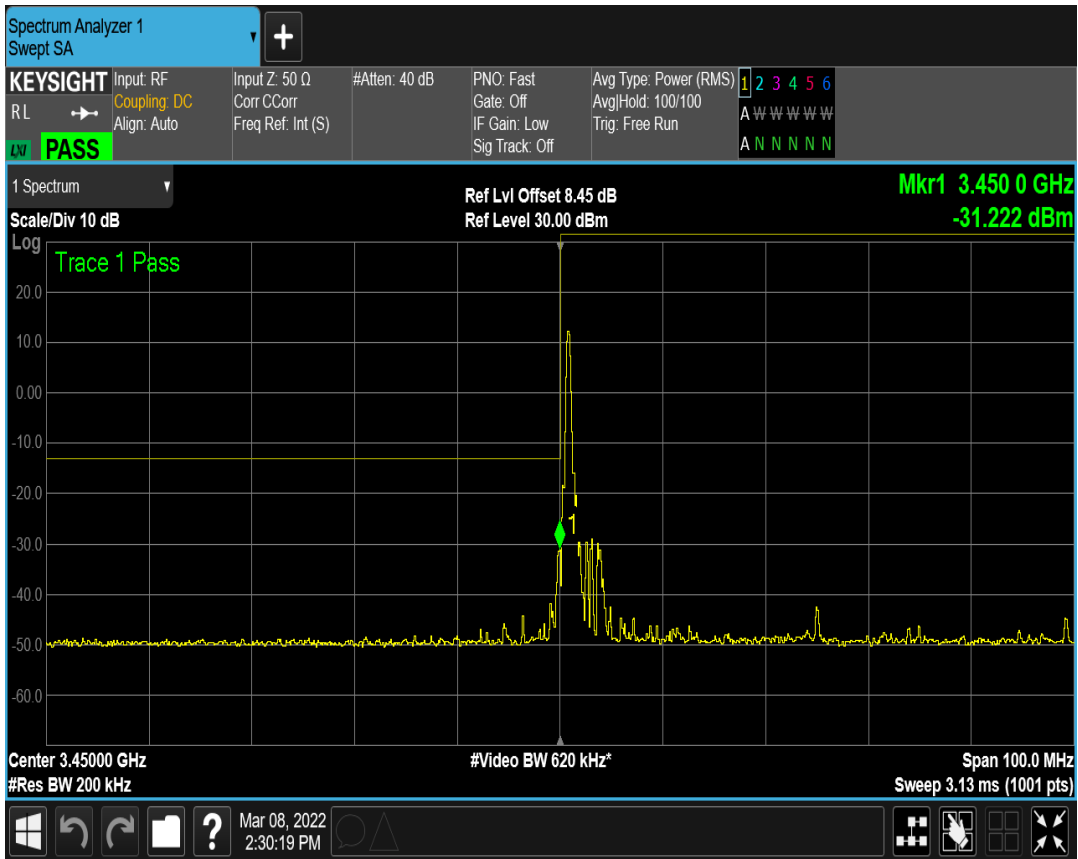
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



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



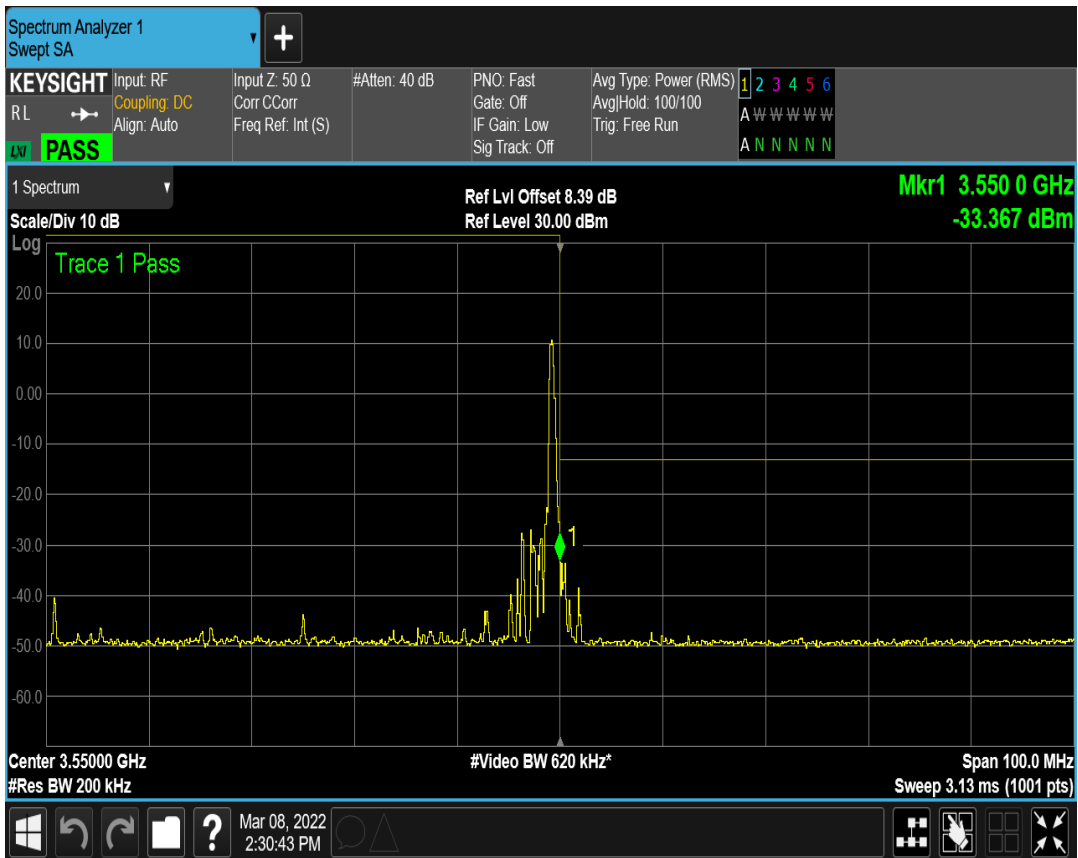
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1 @0



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



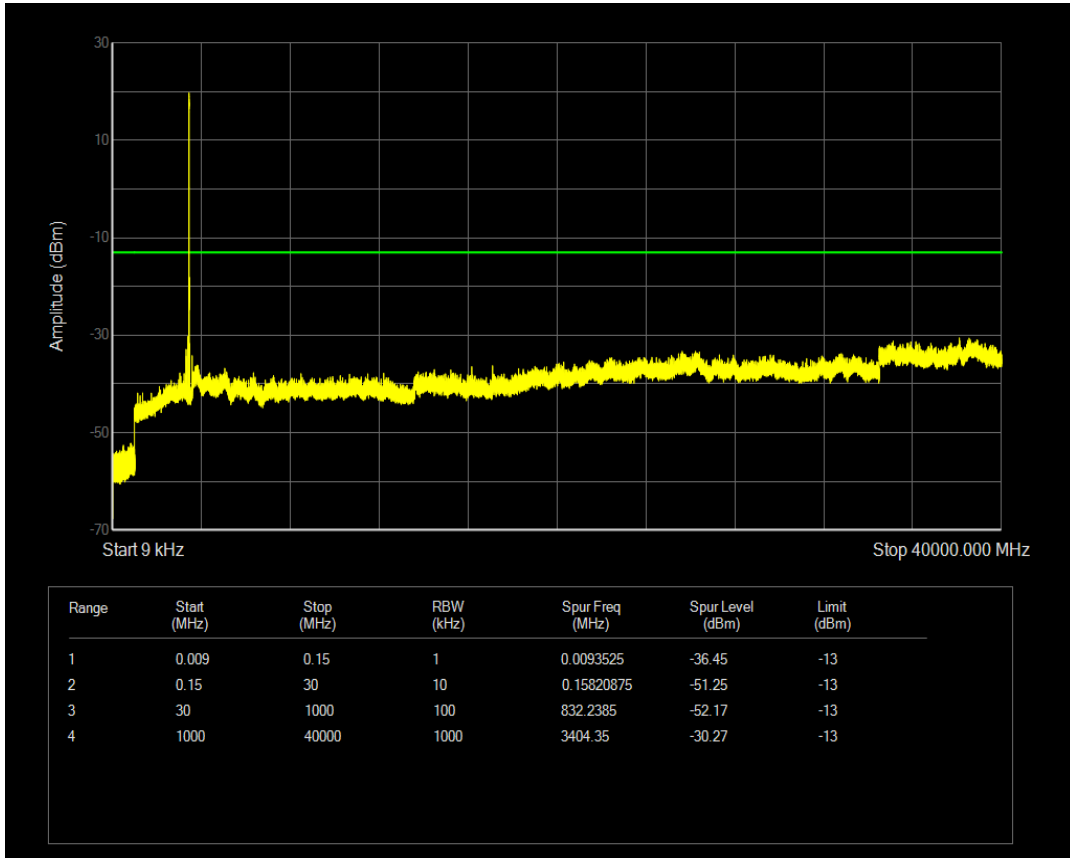
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1@269



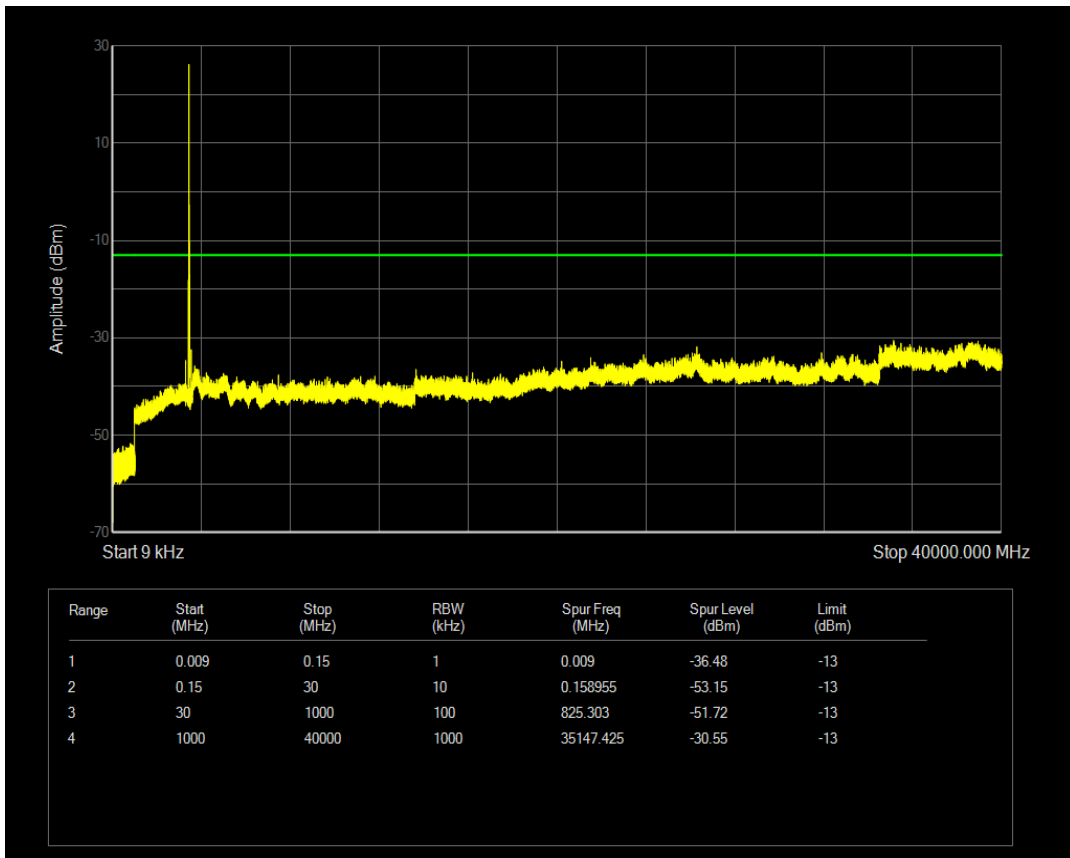
6 Out-of-band emissions for NR FR1

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	3404.35	-30.27	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	35147.43	-30.55	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	35010.93	-29.94	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	38567.73	-30.23	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	38594.05	-30.24	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	38610.63	-29.64	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	38879.73	-30.51	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	38516.05	-30.07	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3636.40	-30.27	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	38683.75	-29.32	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	38870.95	-30.02	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	38959.68	-30.21	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	38944.08	-30.60	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	38718.85	-29.55	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	38746.15	-29.70	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	38582.35	-30.00	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	38719.83	-29.90	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	38778.33	-30.15	-13	PASS

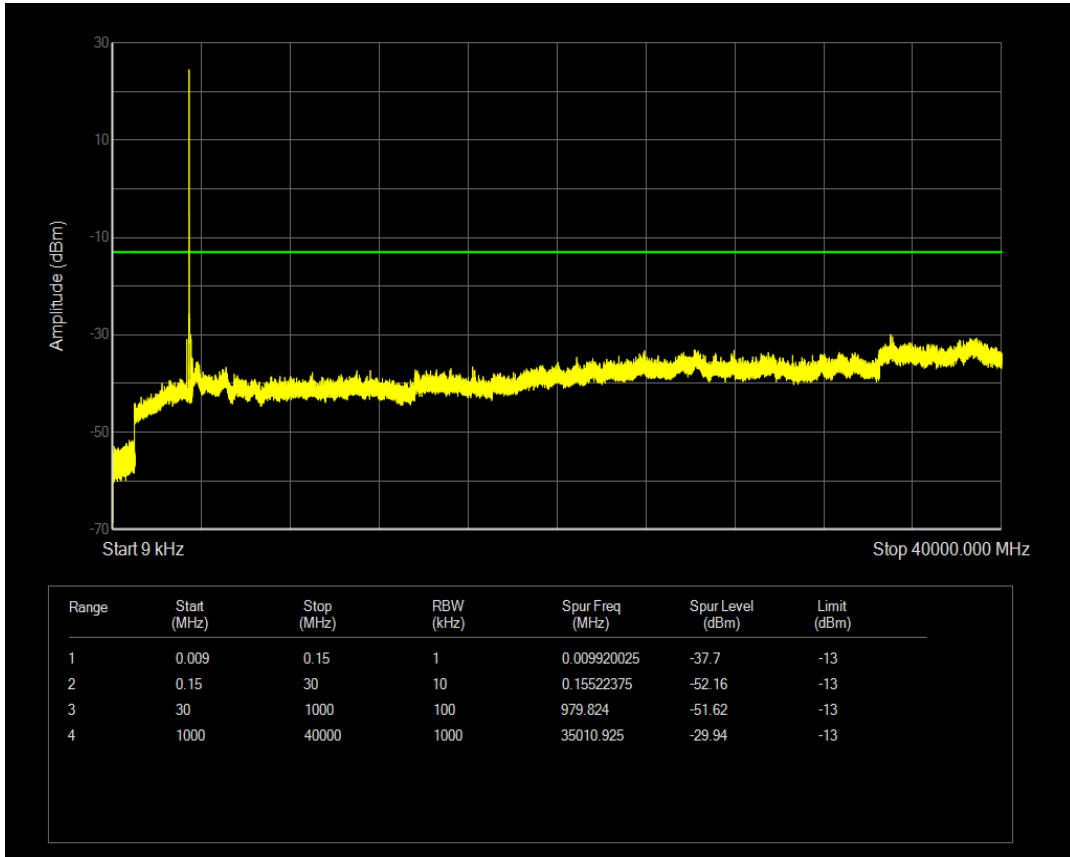
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



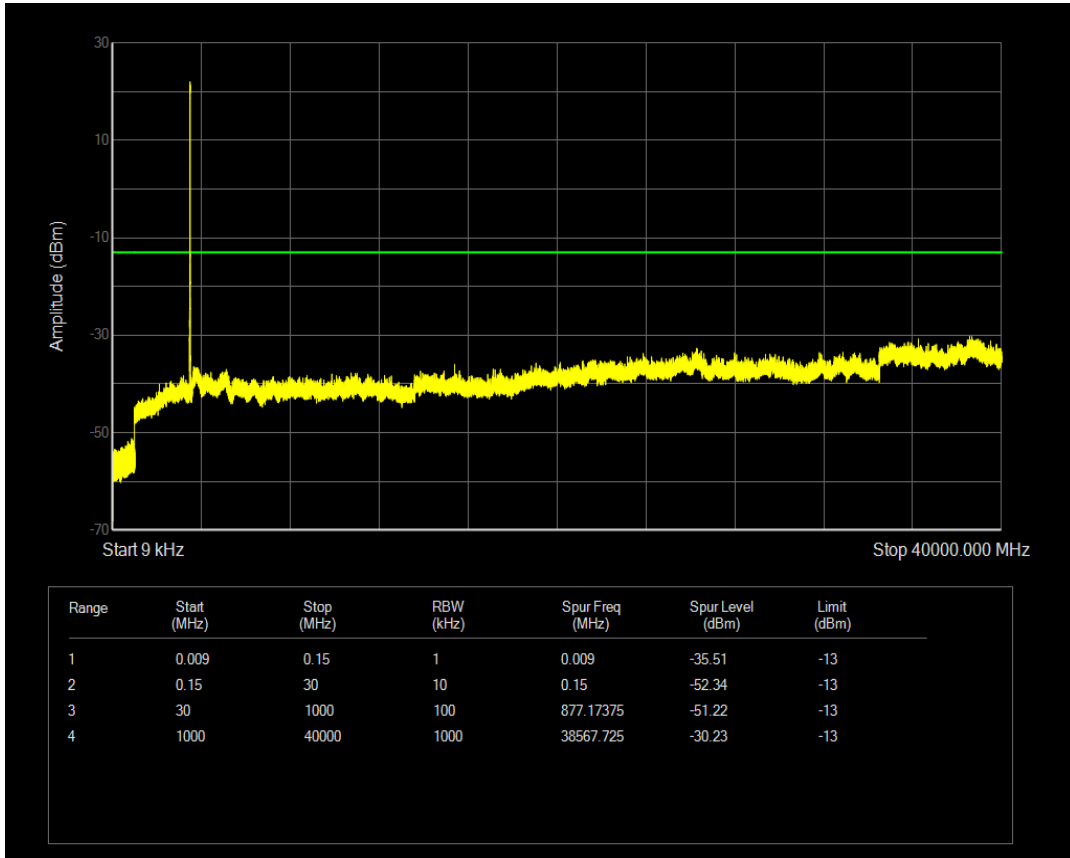
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



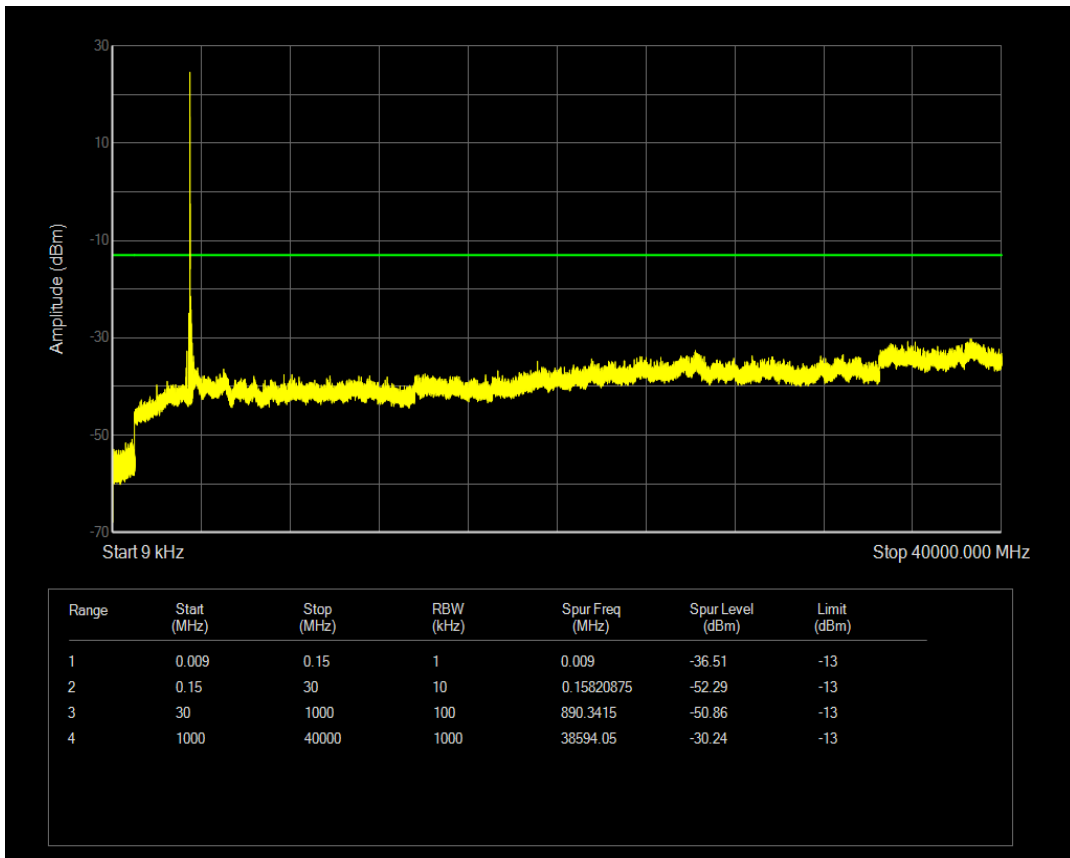
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@51



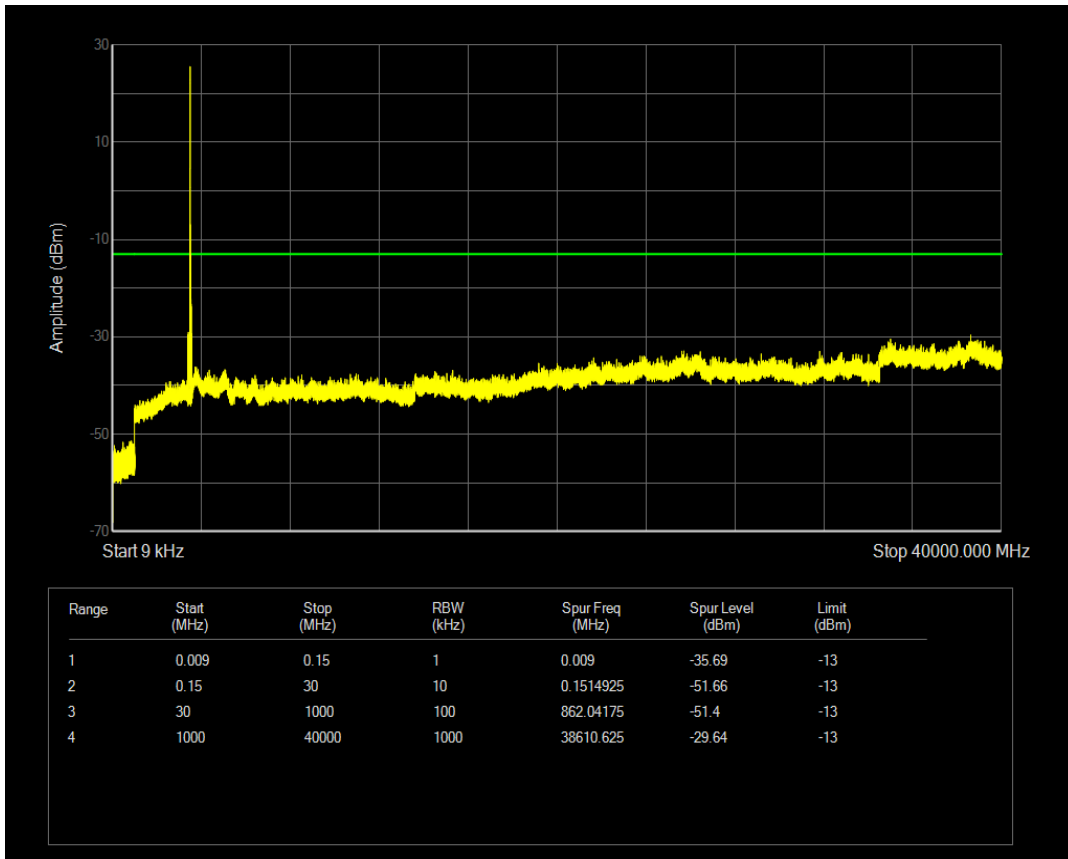
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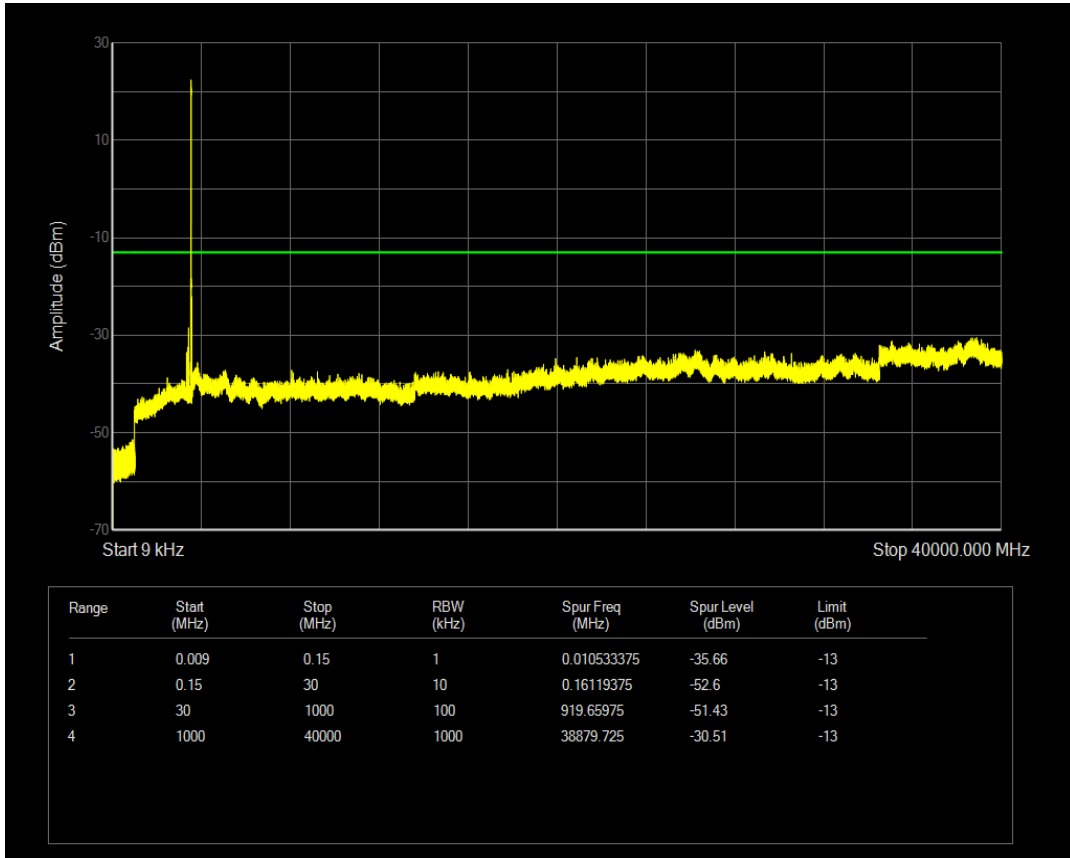
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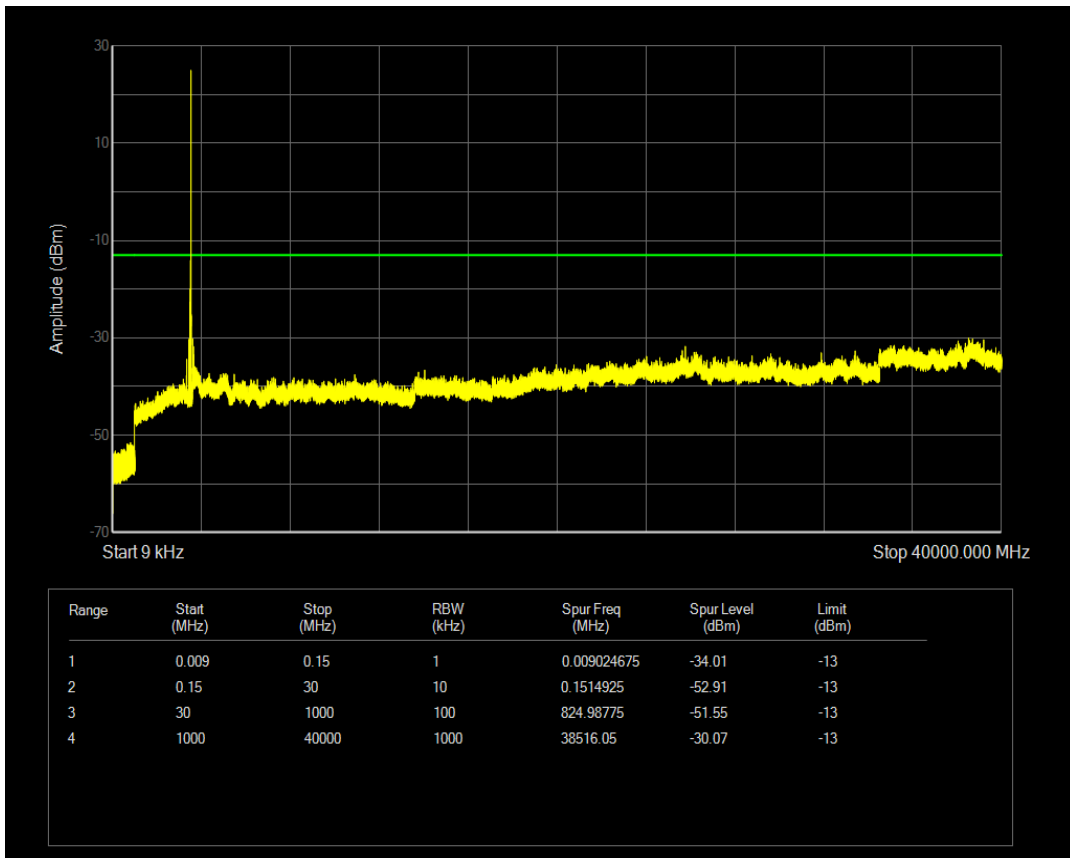
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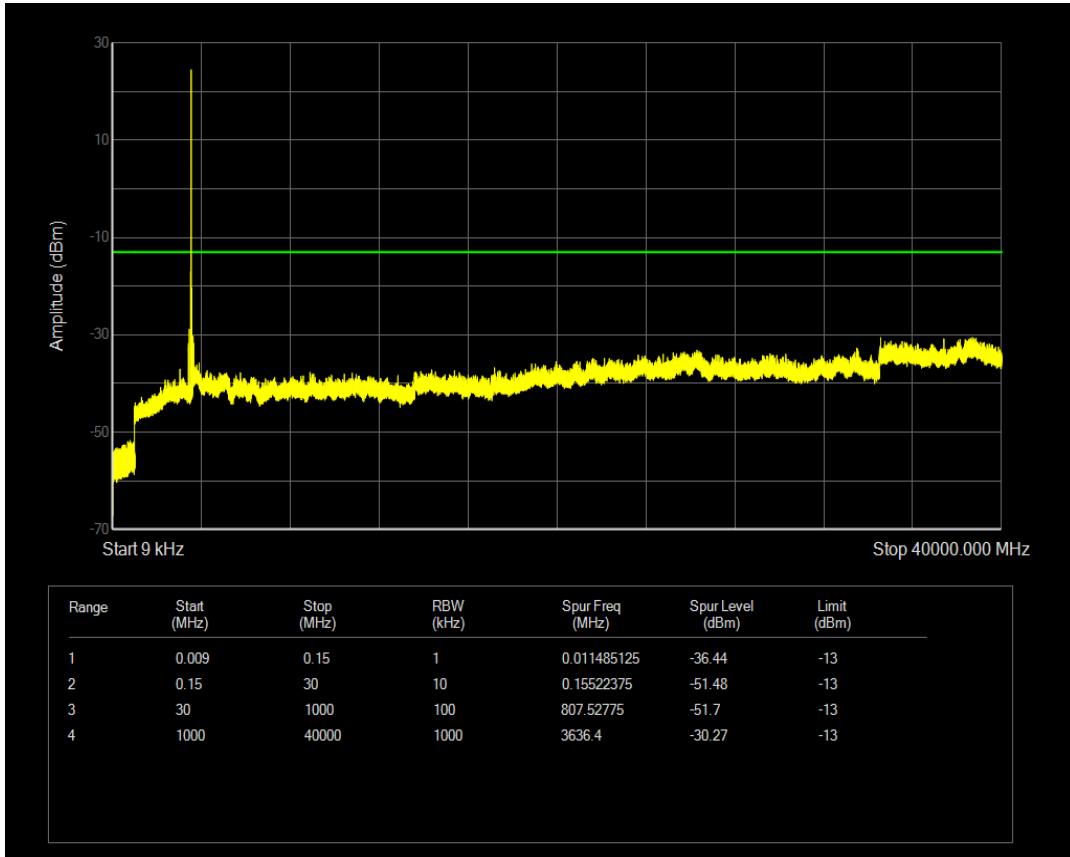
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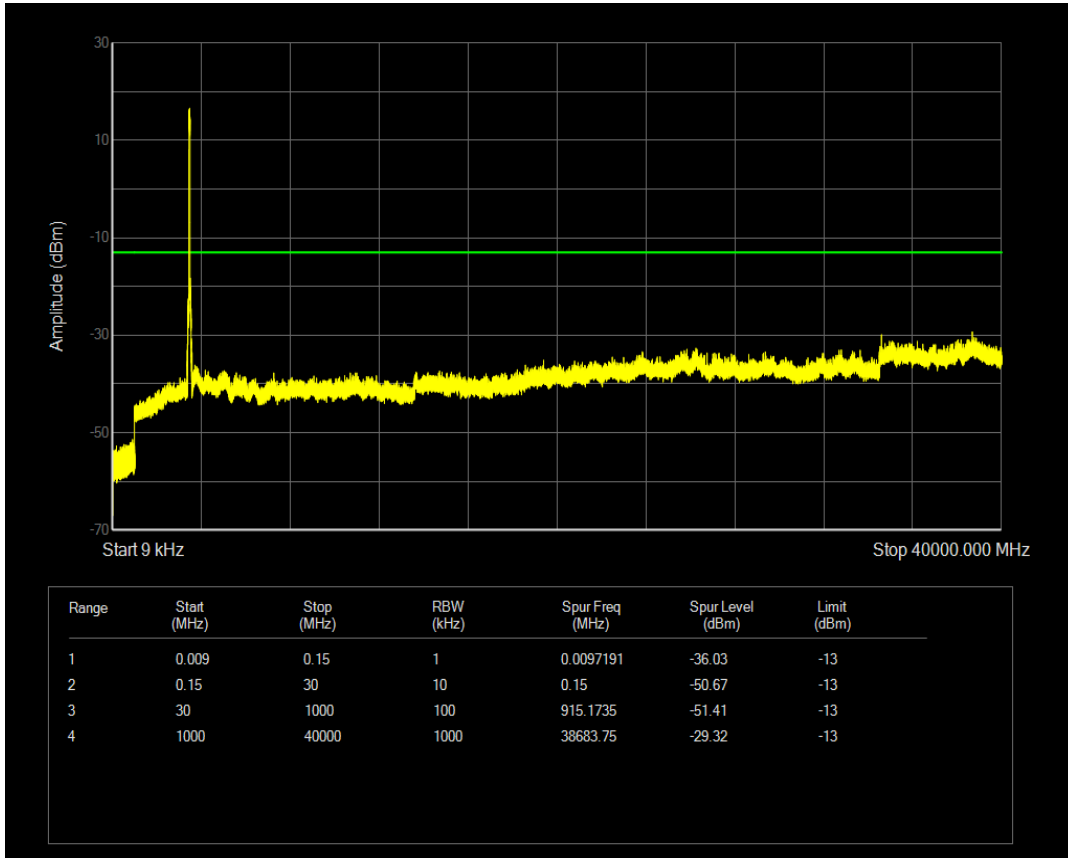
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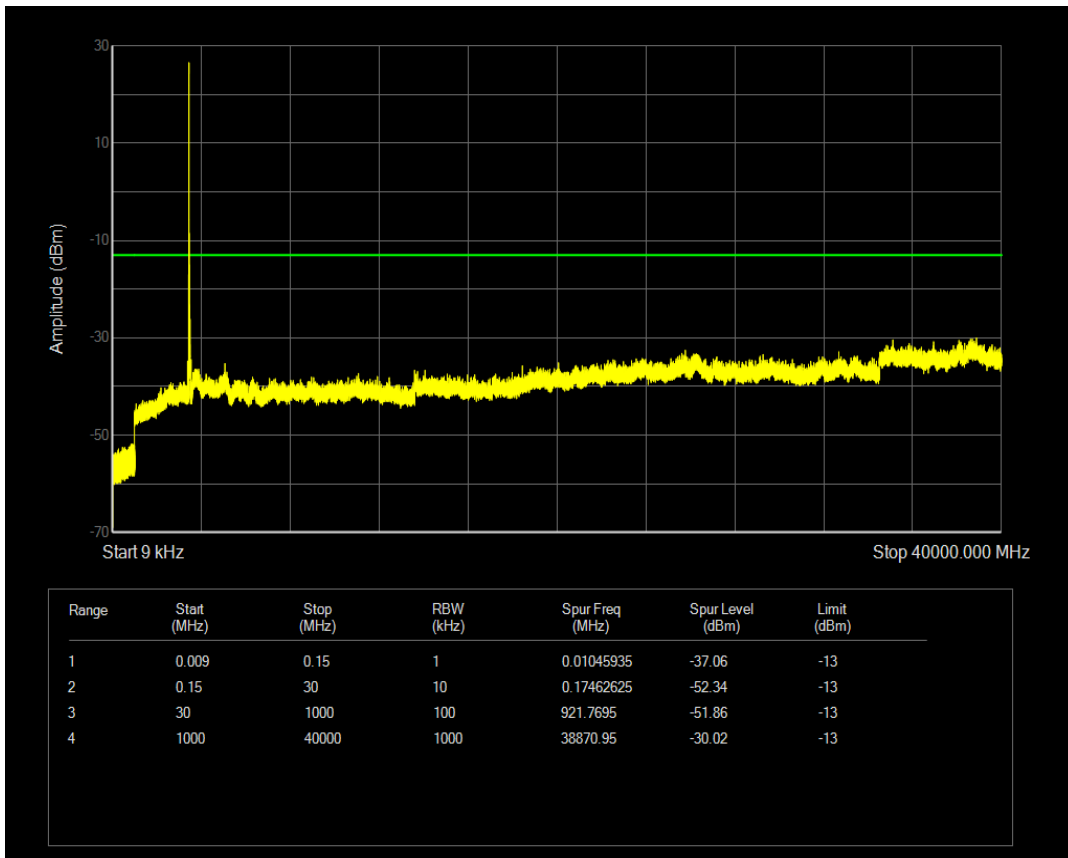
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



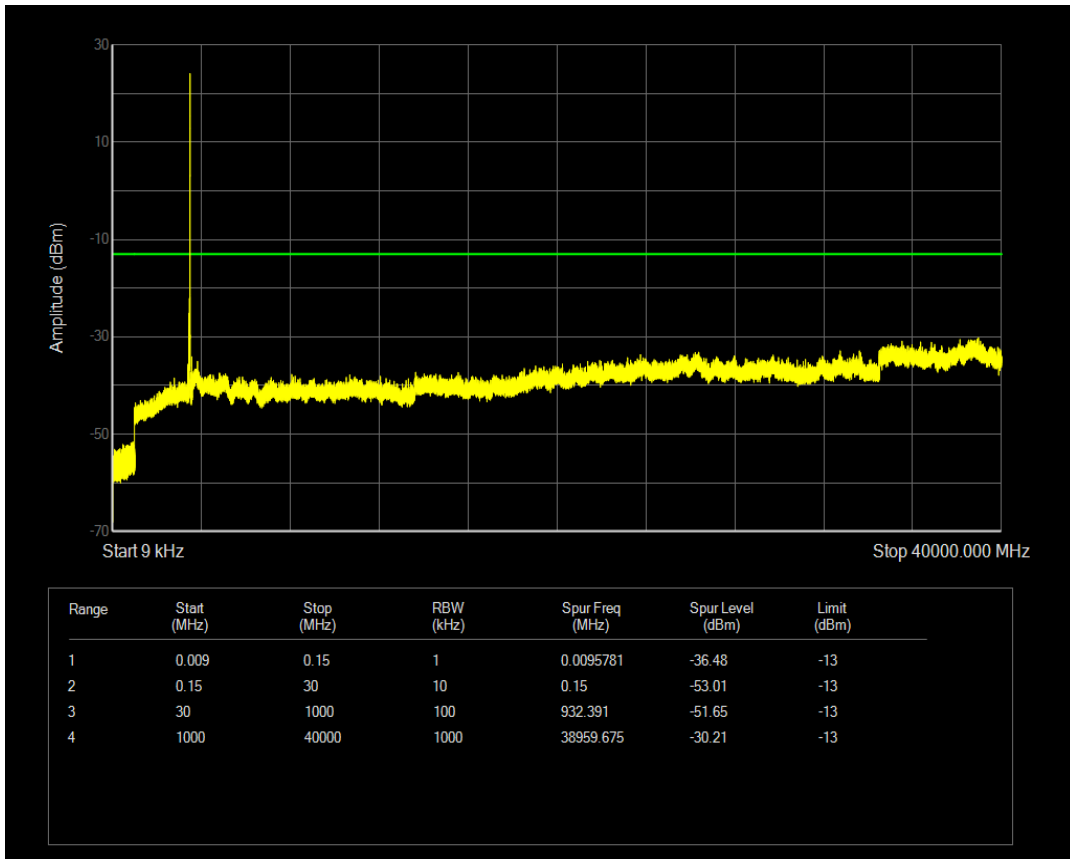
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



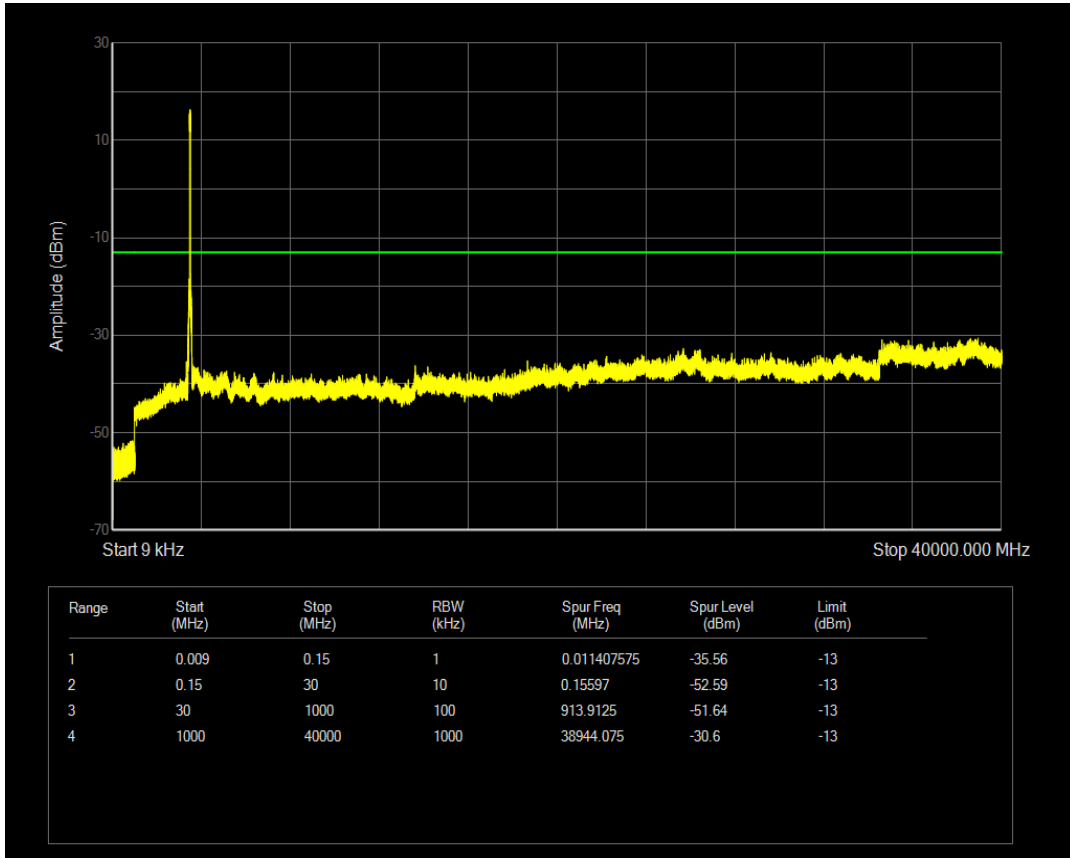
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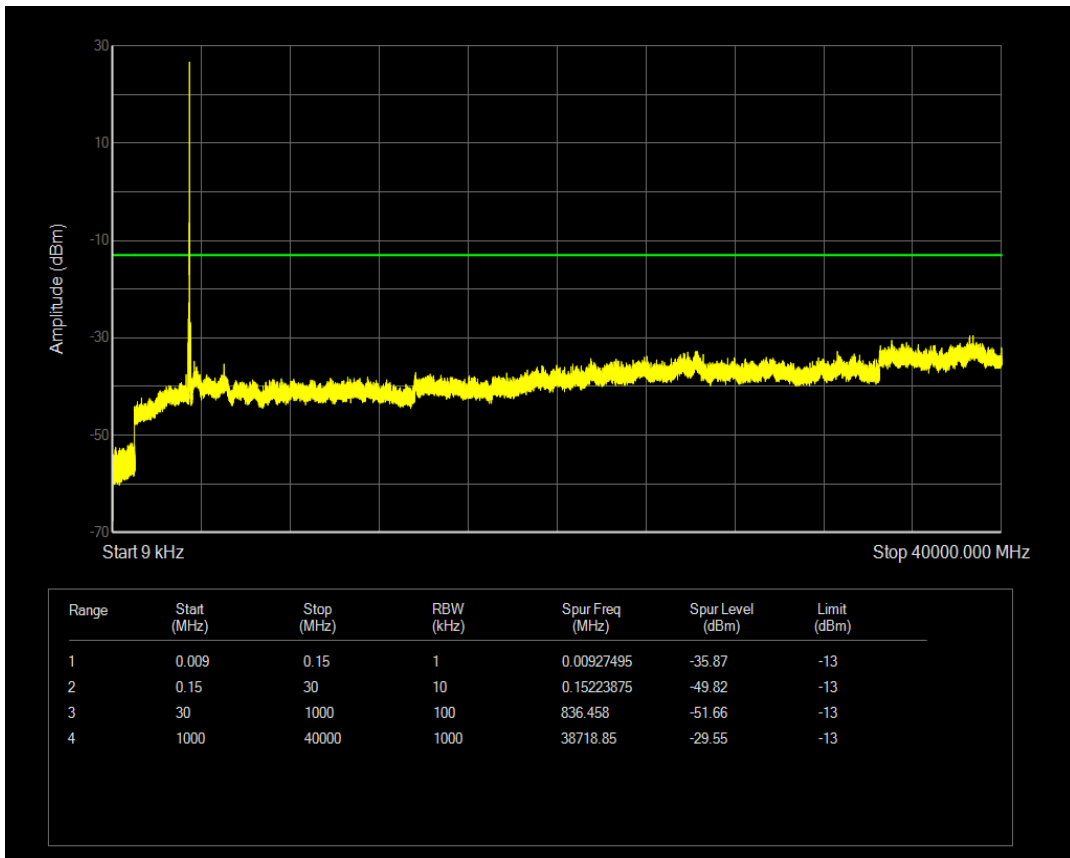
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1 @269



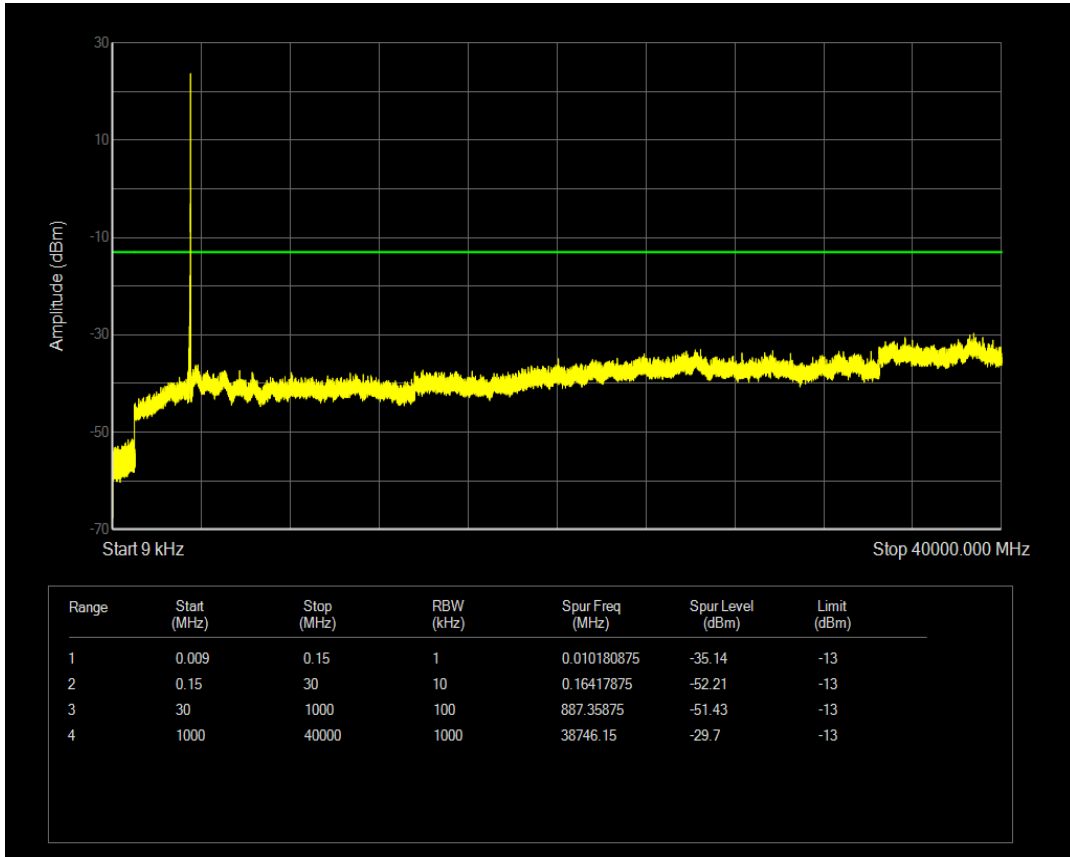
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270 @0



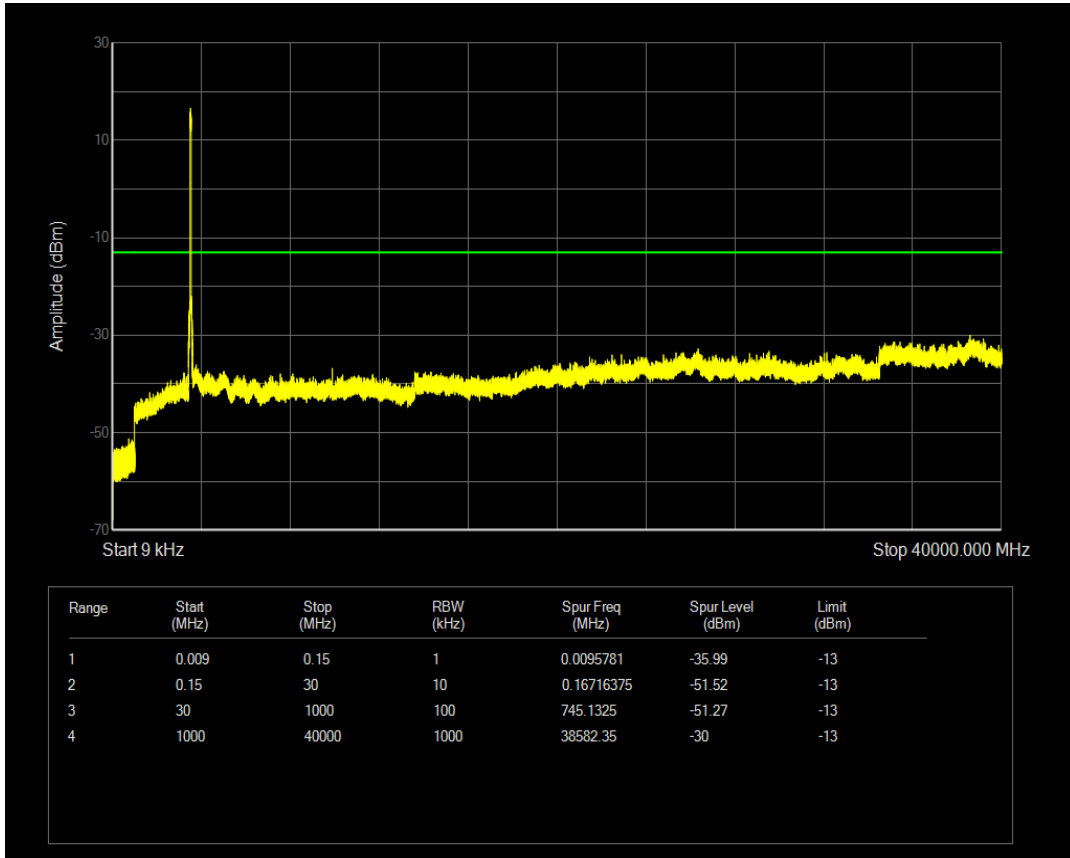
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=1 @0



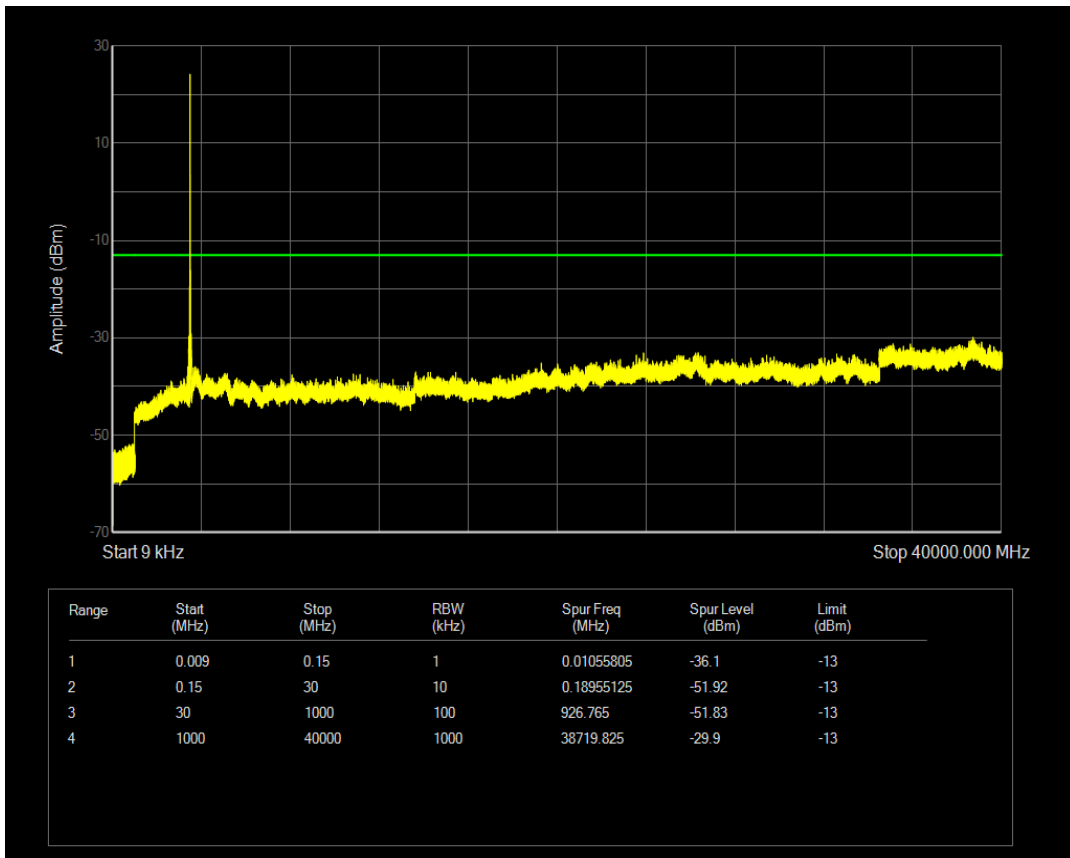
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=1 @269



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

