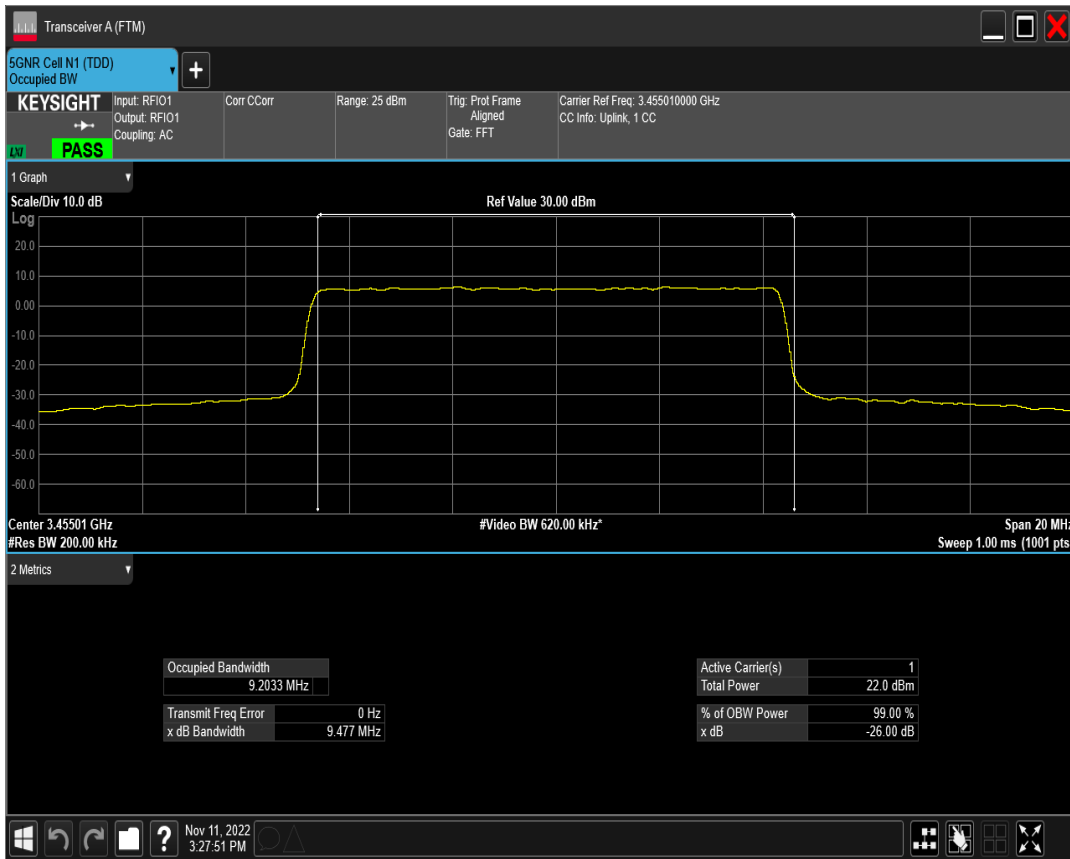
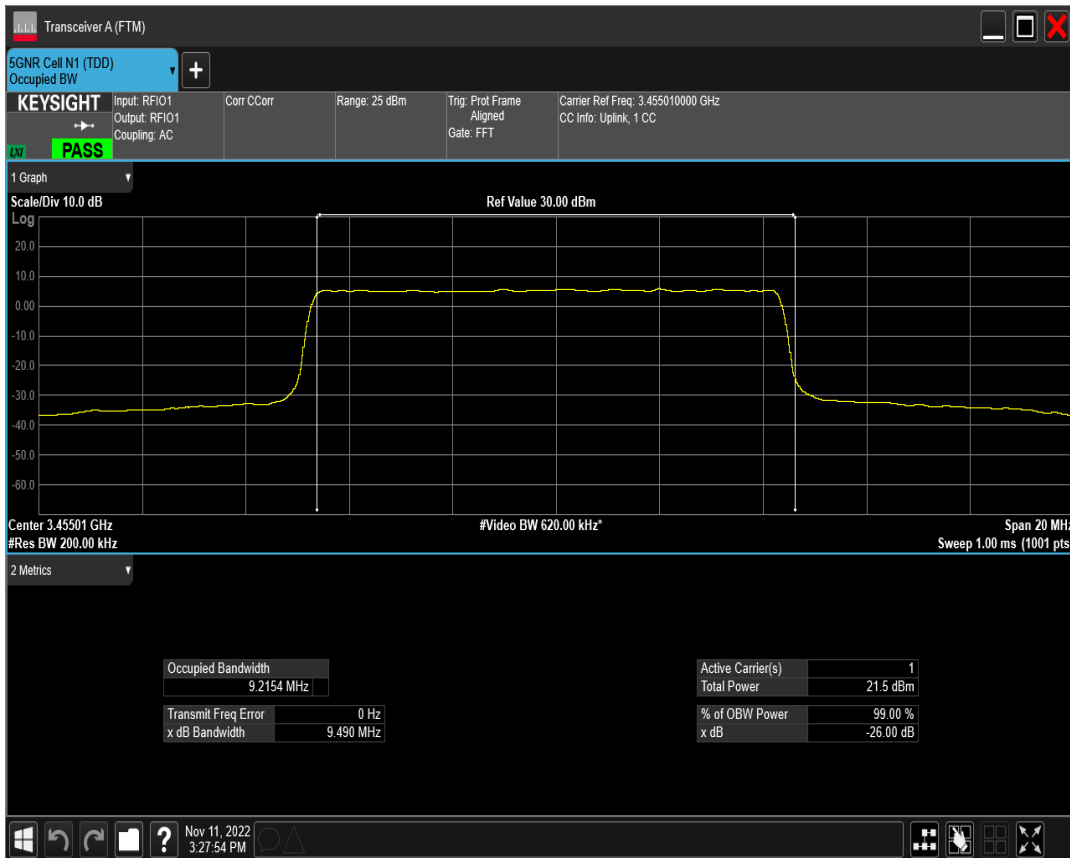


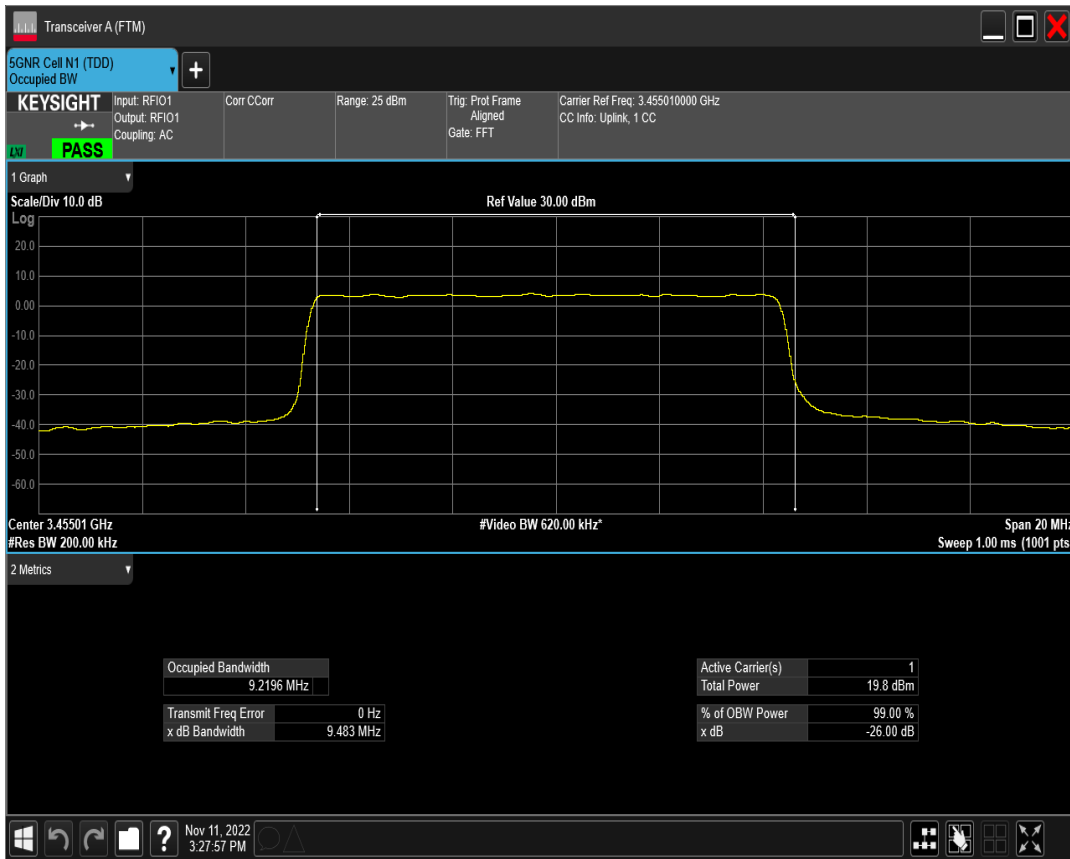
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=630334 RB=50@0



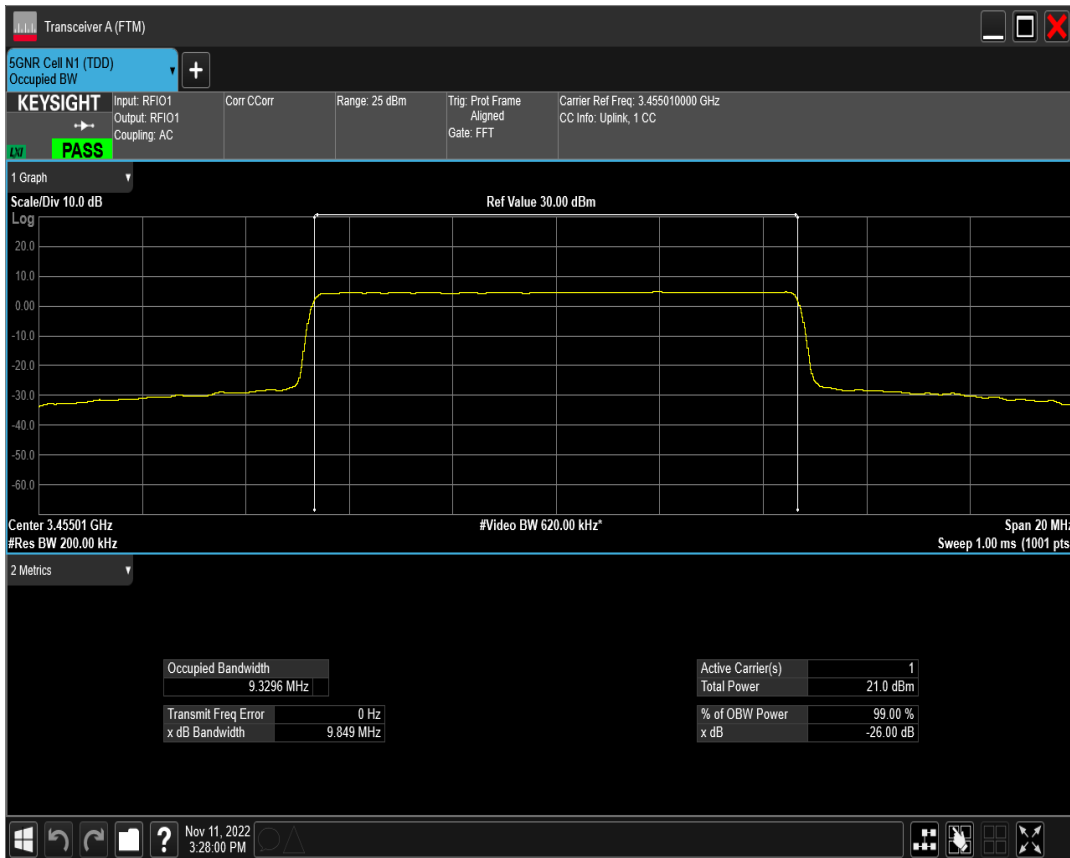
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=10MHz Channel=630334 RB=50@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=630334 RB=50@0



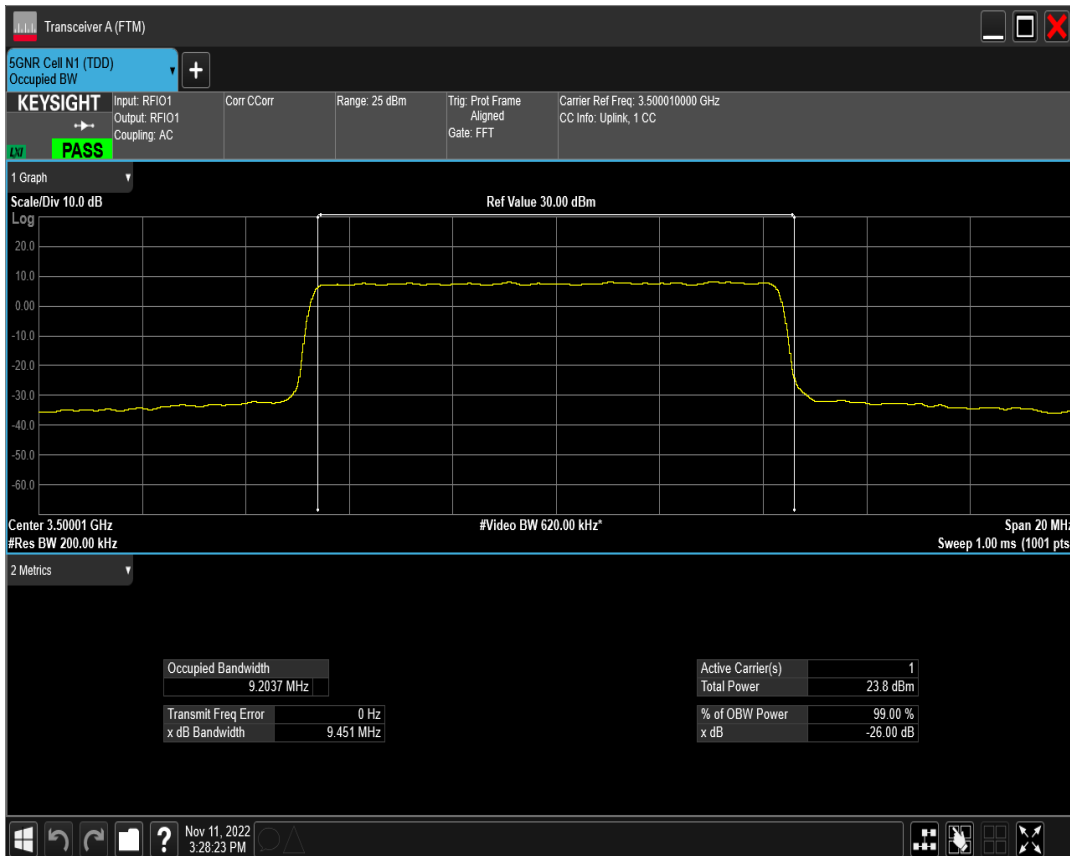
n77(3450-3550) SCS=15kHz CP\_QPSK BW=10MHz Channel=630334 RB=52@0



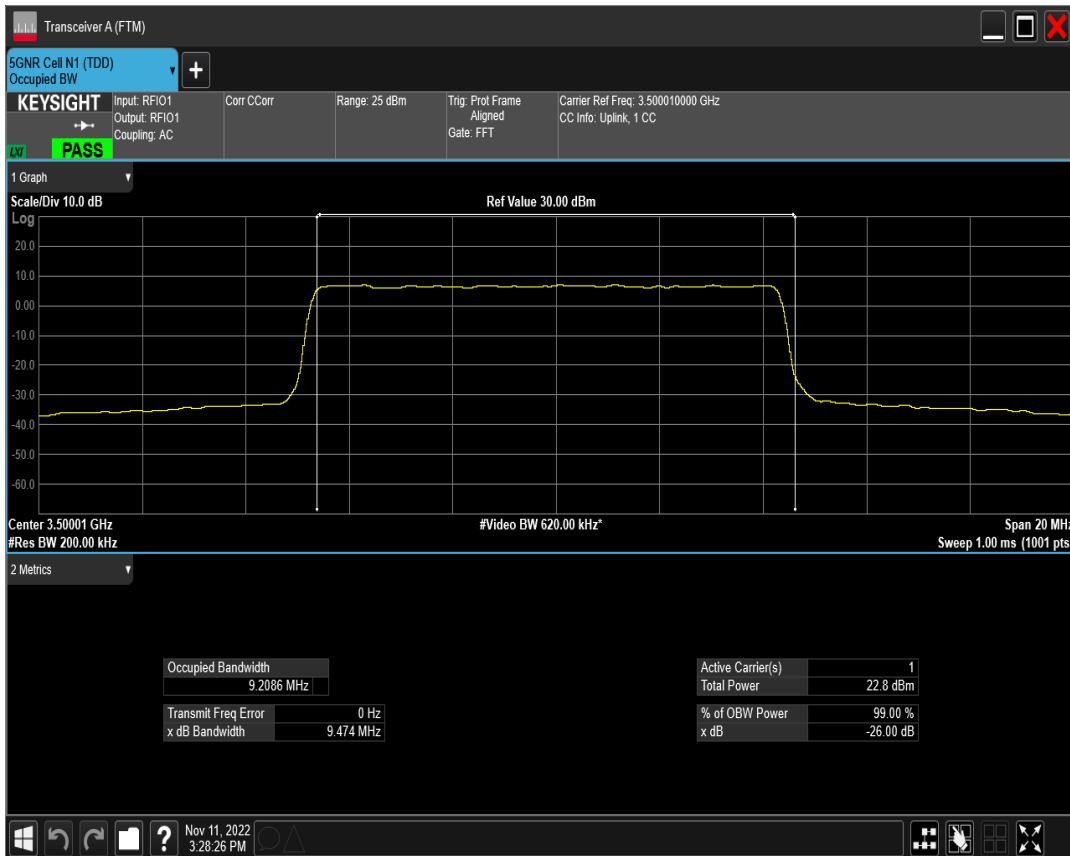
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=10MHz Channel=633334 RB=50@0



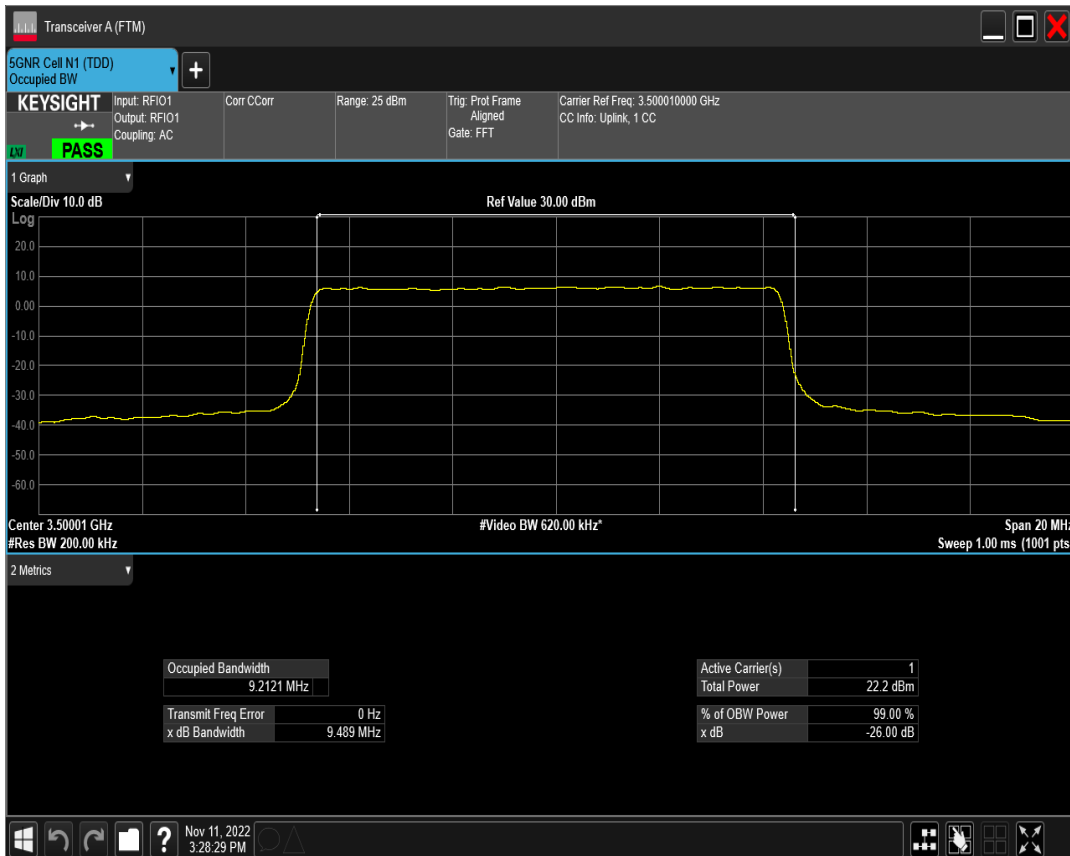
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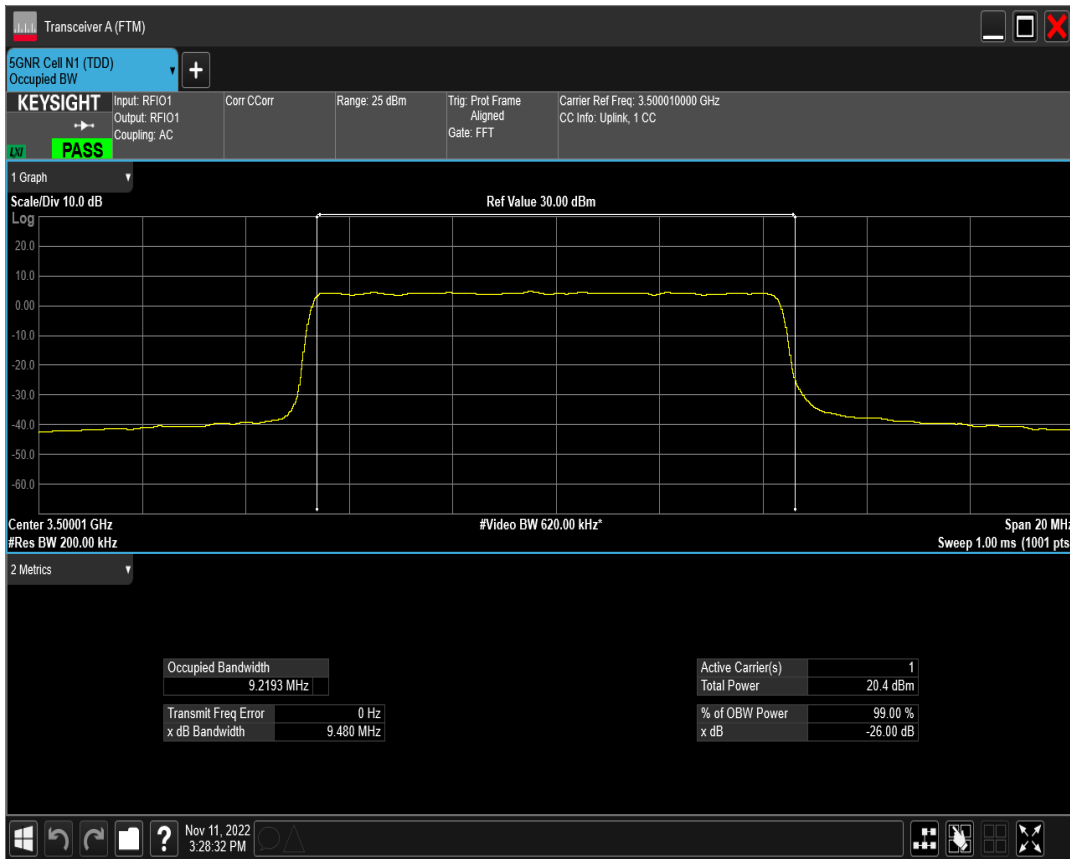
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=633334 RB=50@0



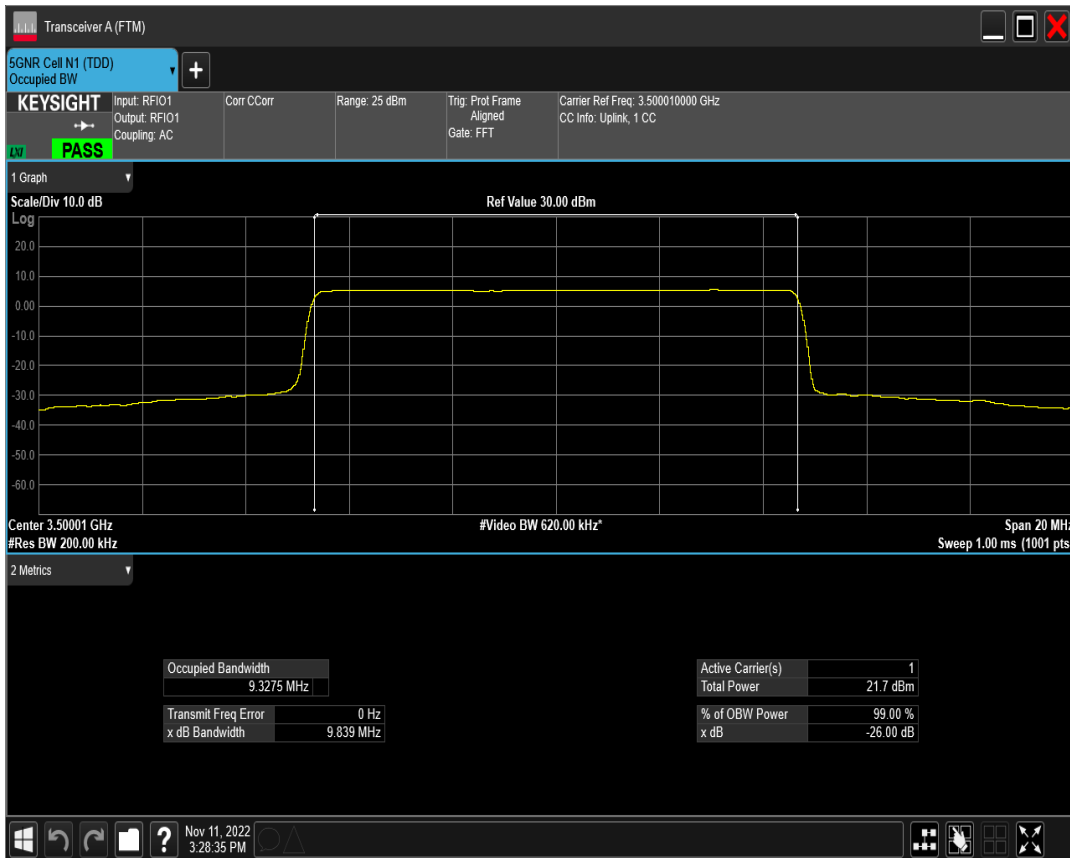
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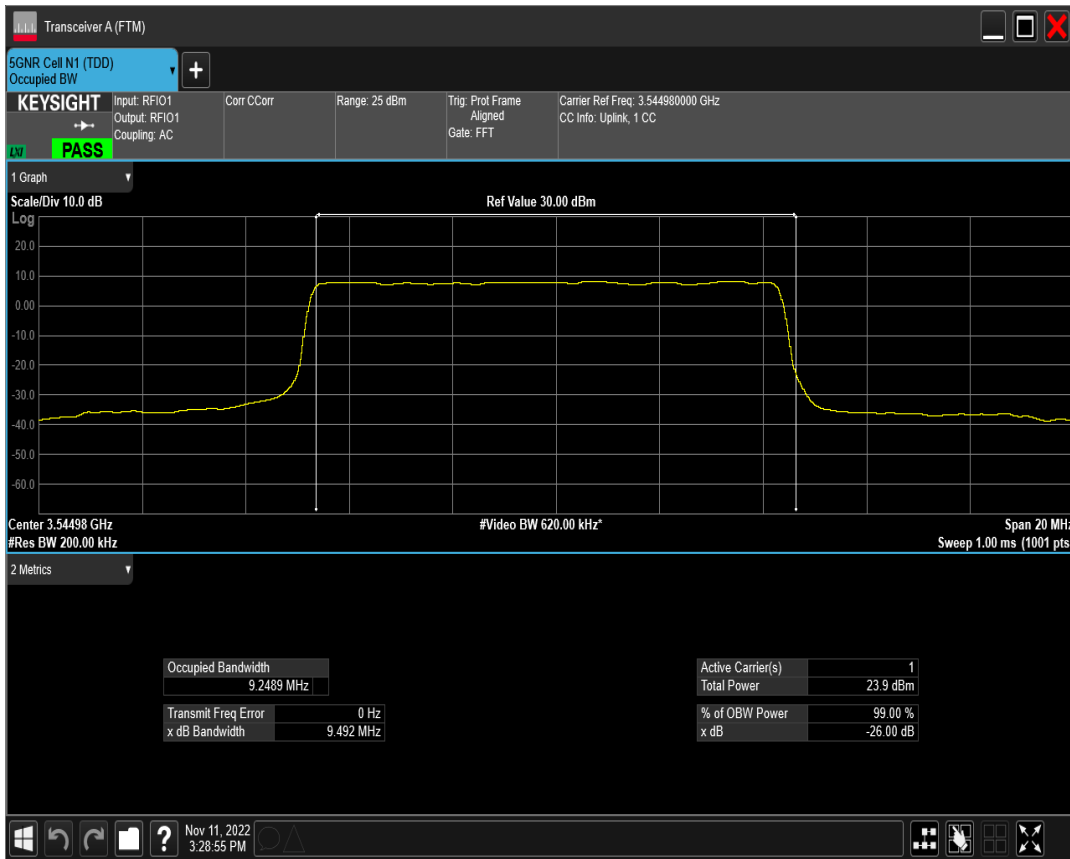
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=50@0



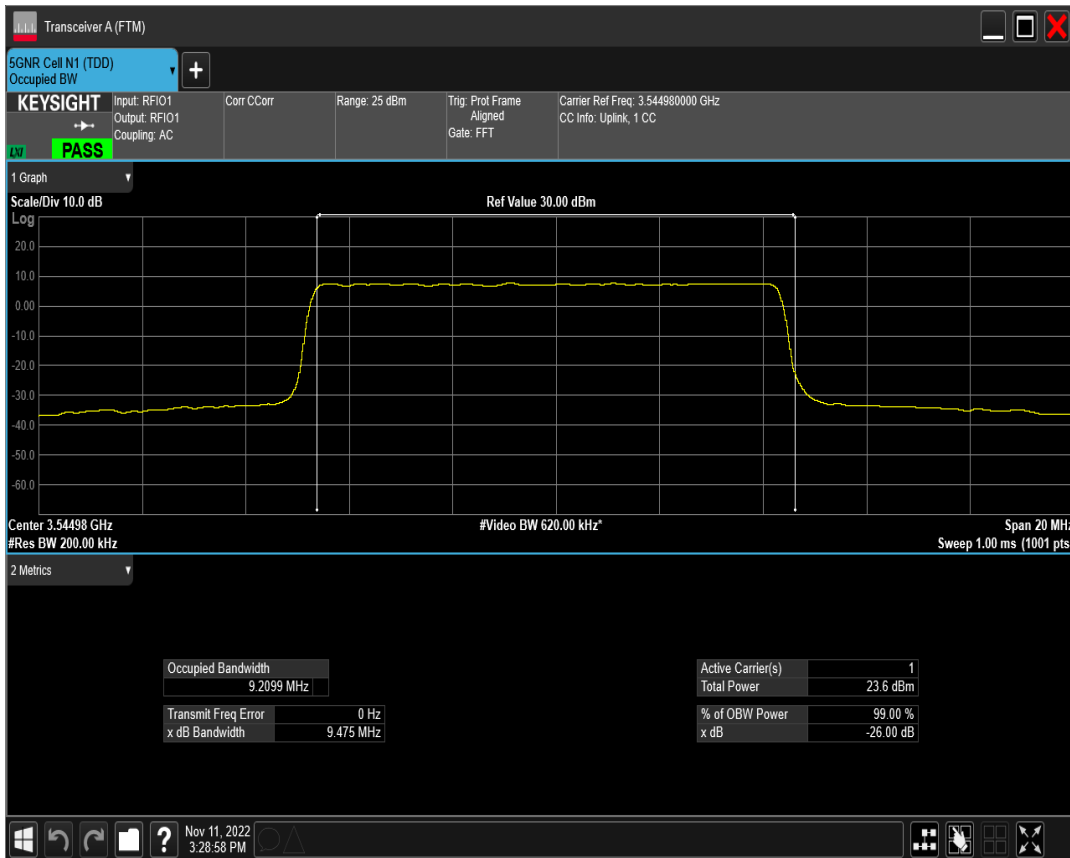
n77(3450-3550) SCS=15kHz CP\_QPSK BW=10MHz Channel=633334 RB=52@0



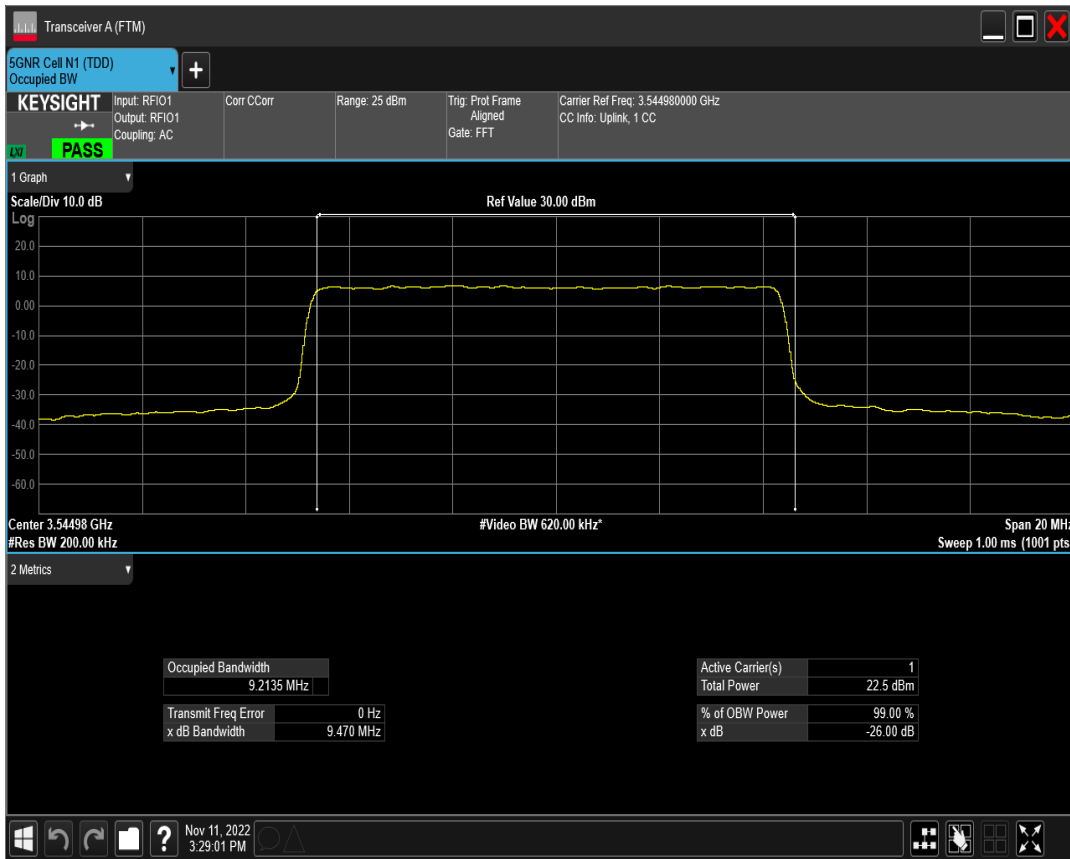
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=10MHz Channel=636332 RB=50@0



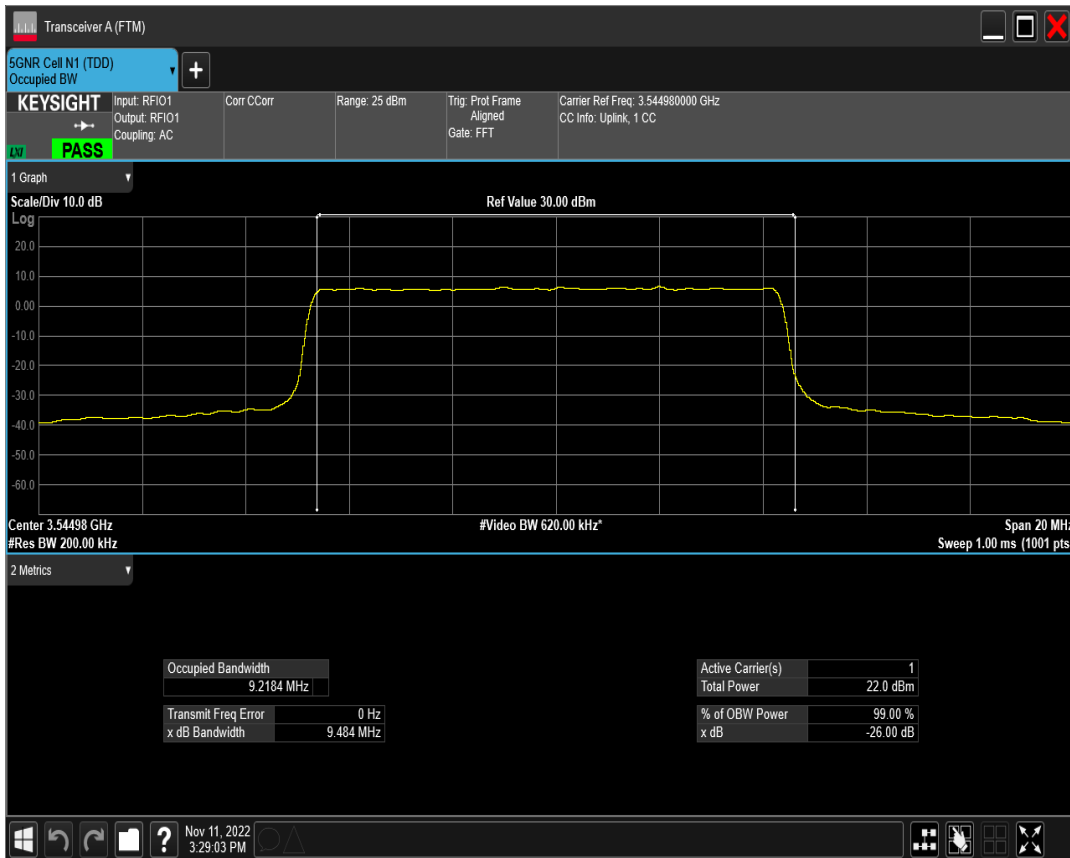
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



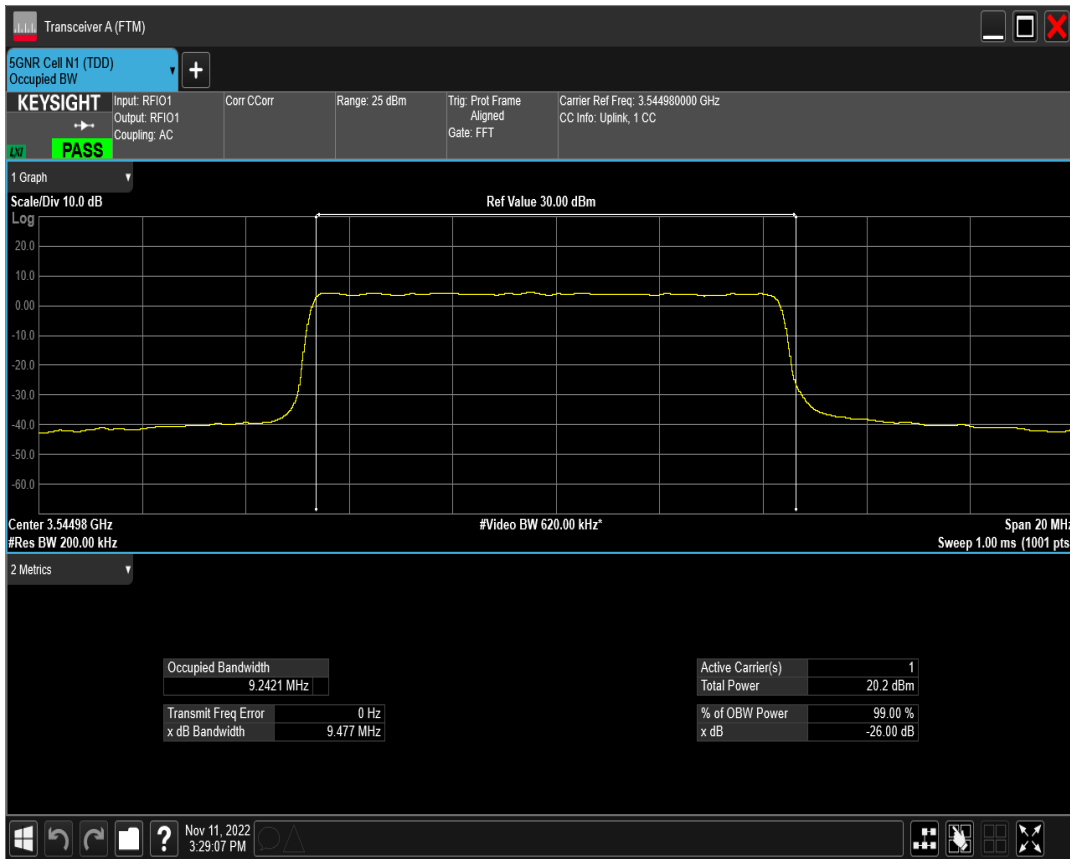
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=636332 RB=50@0



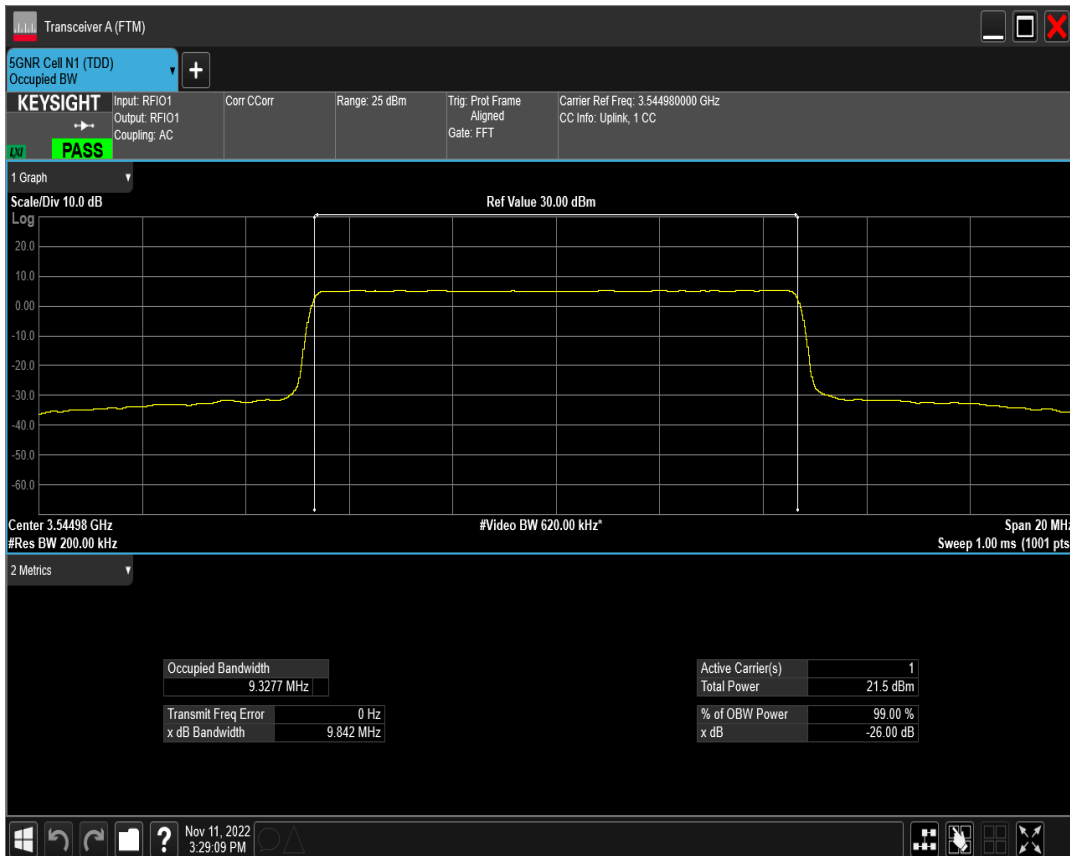
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=10MHz Channel=636332 RB=50@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=636332 RB=50@0

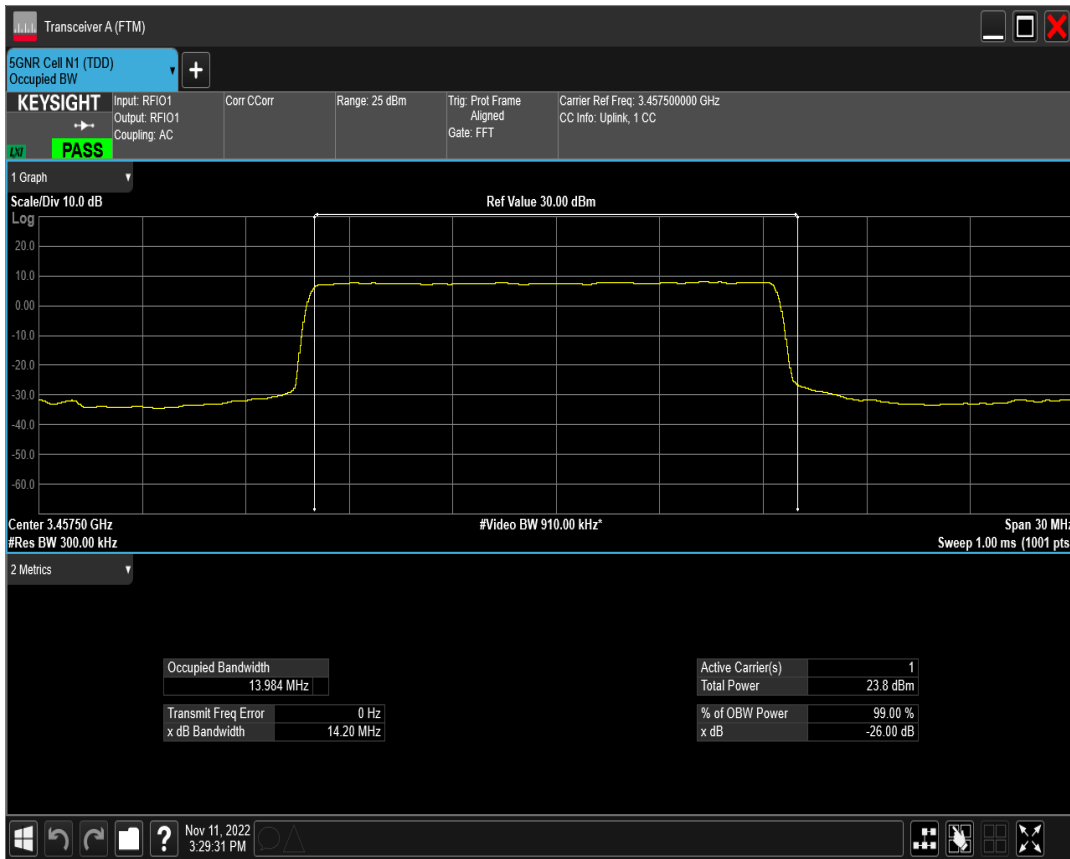


n77(3450-3550) SCS=15kHz CP\_QPSK BW=10MHz Channel=636332 RB=52@0

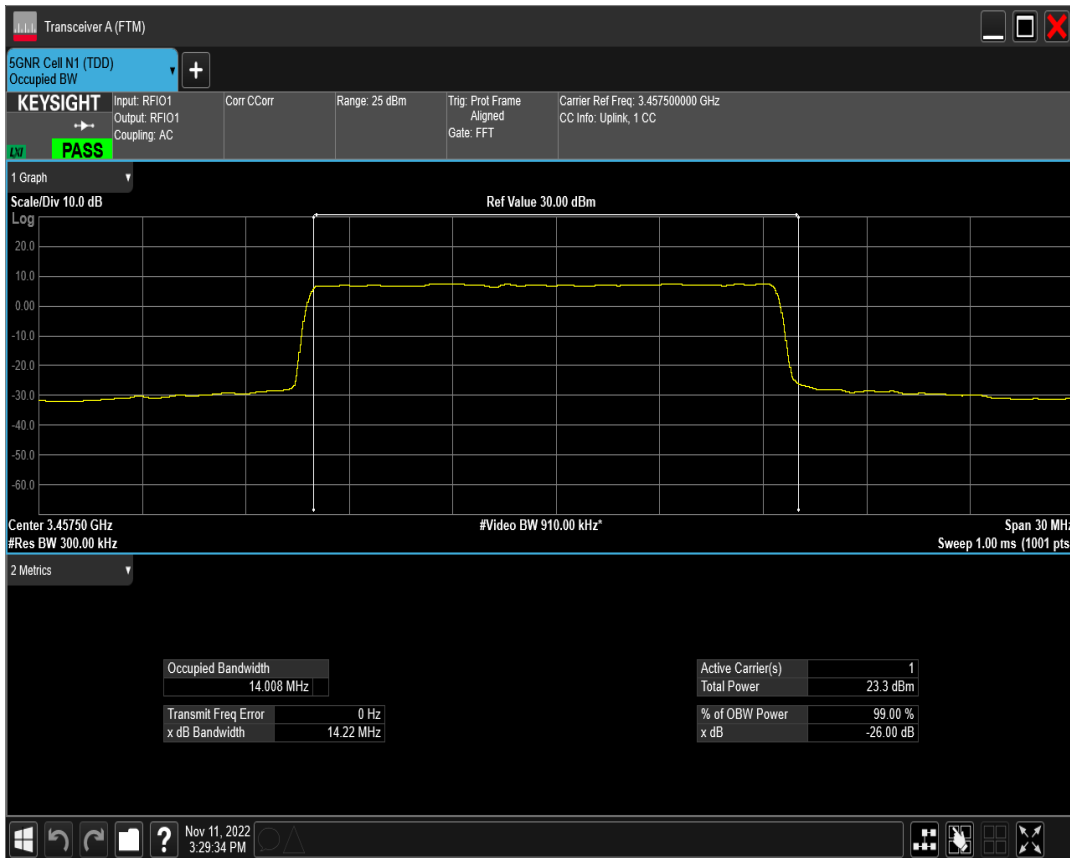




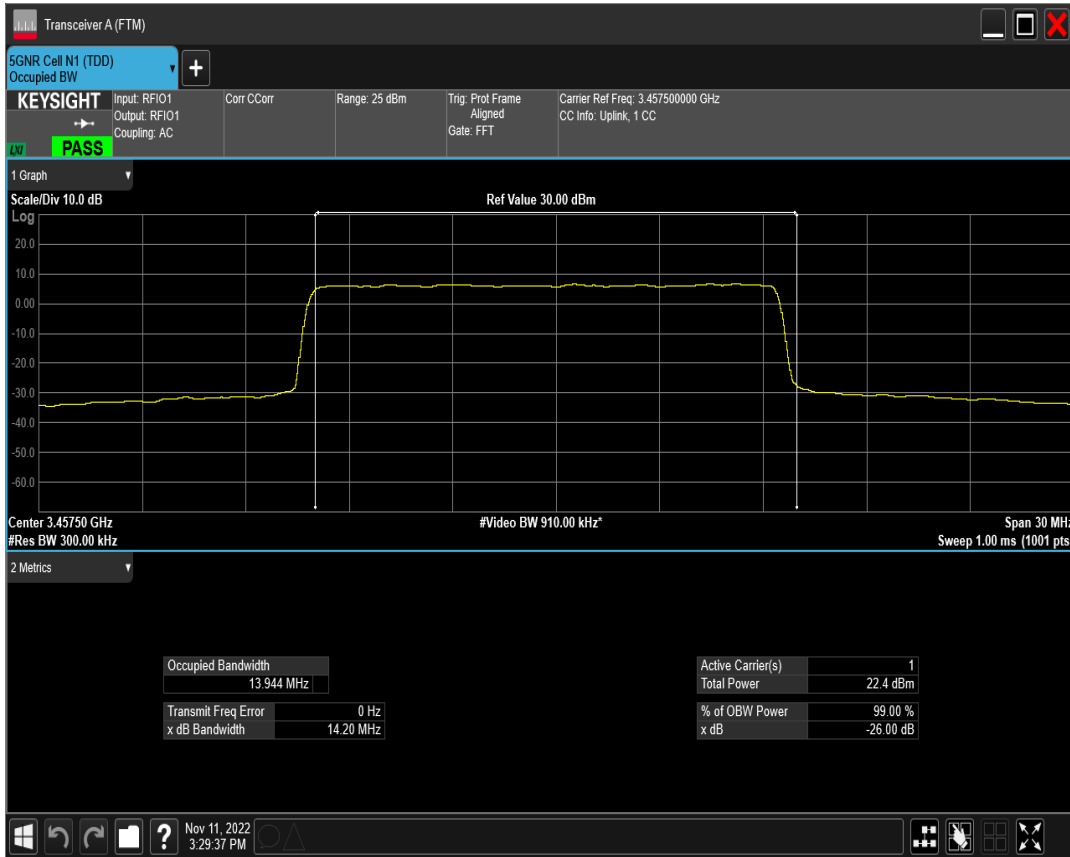
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=15MHz Channel=630500 RB=75@0



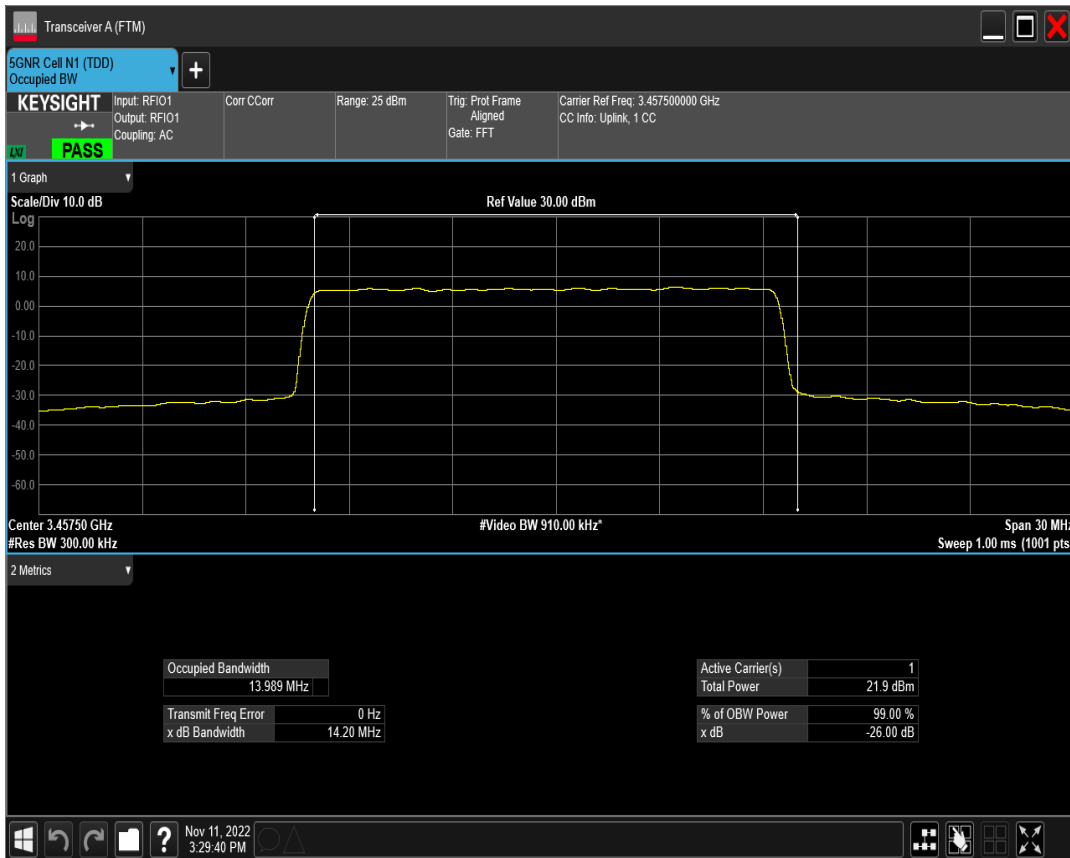
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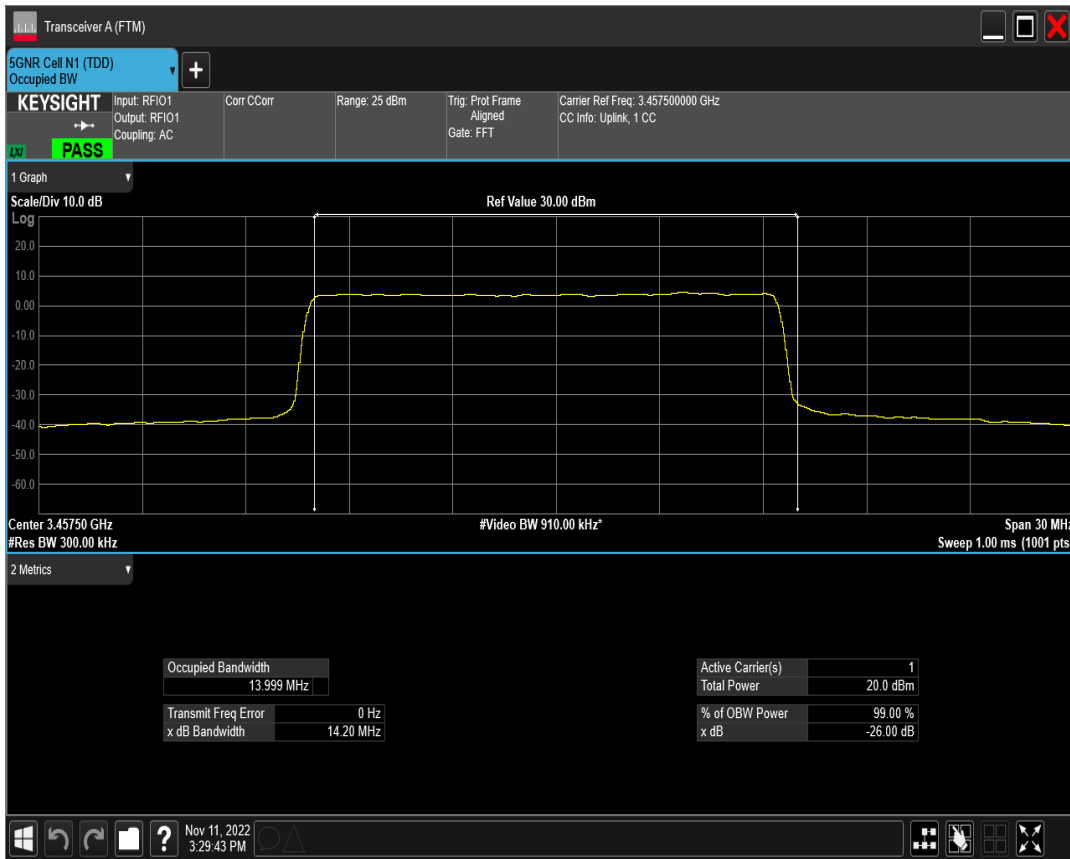
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=630500 RB=75@0



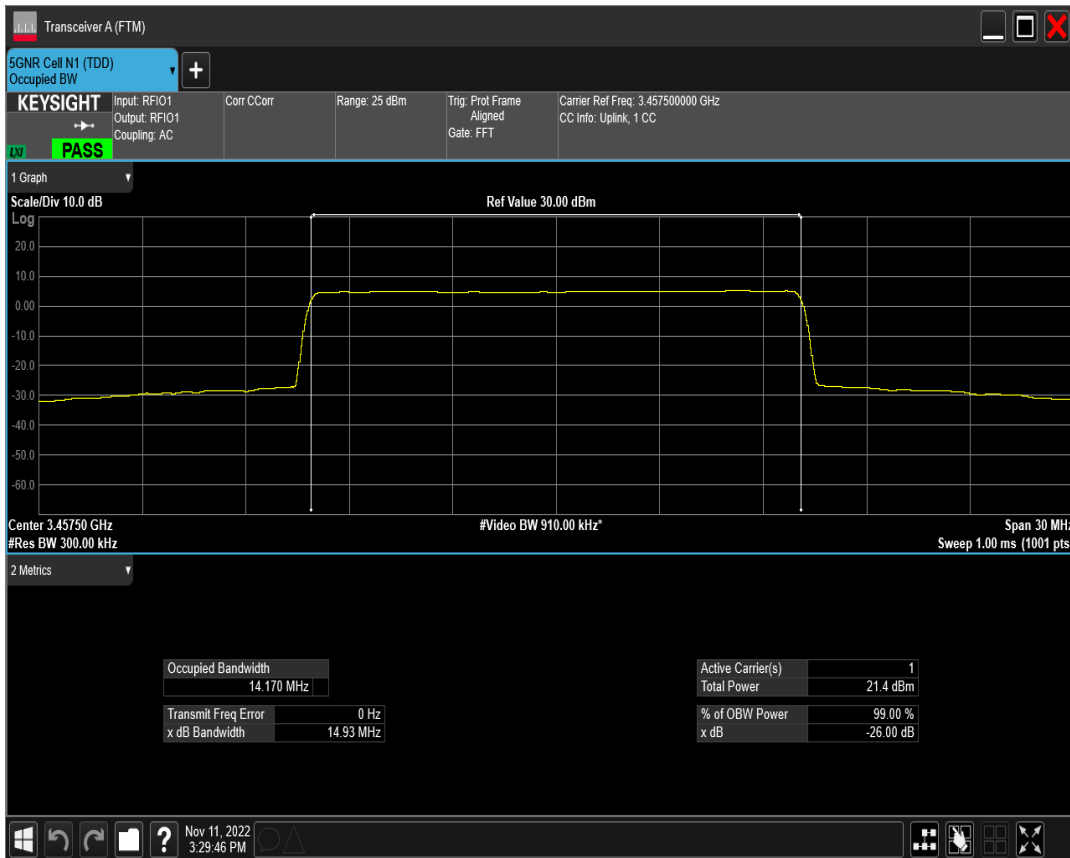
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=630500 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=630500 RB=75@0



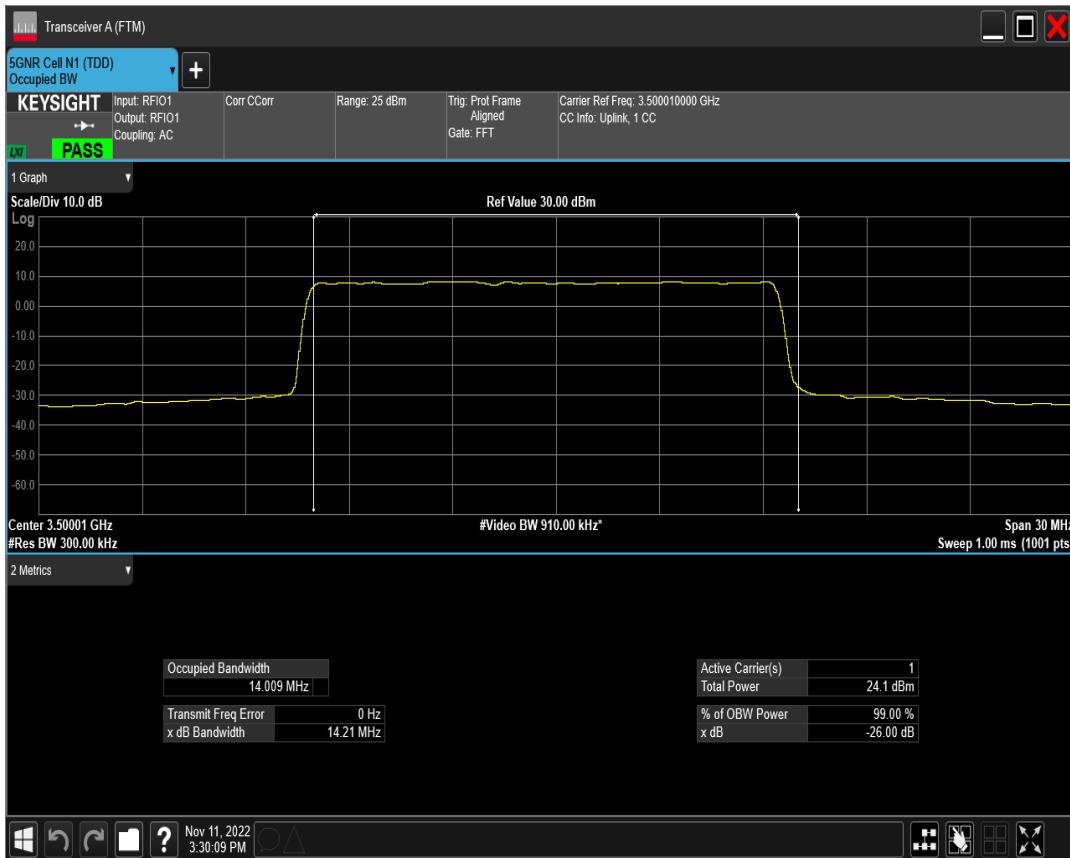
n77(3450-3550) SCS=15kHz CP\_QPSK BW=15MHz Channel=630500 RB=79@0



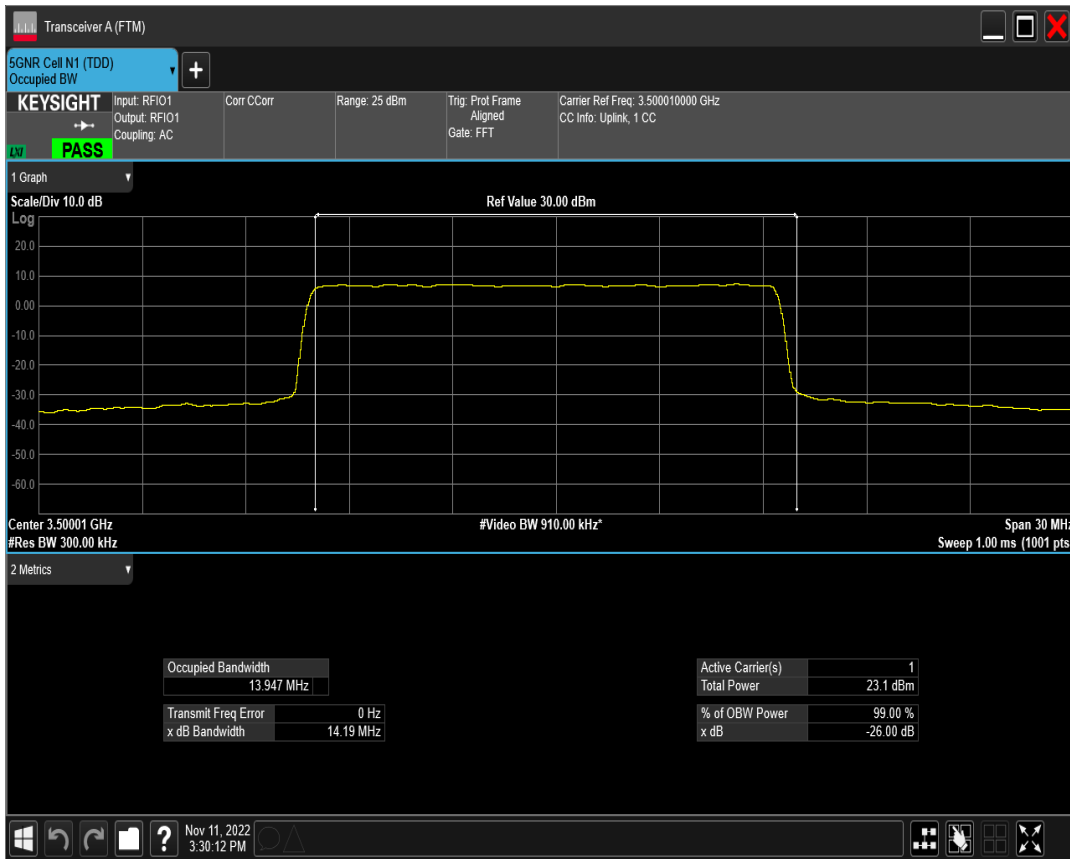
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=15MHz Channel=633334 RB=75@0



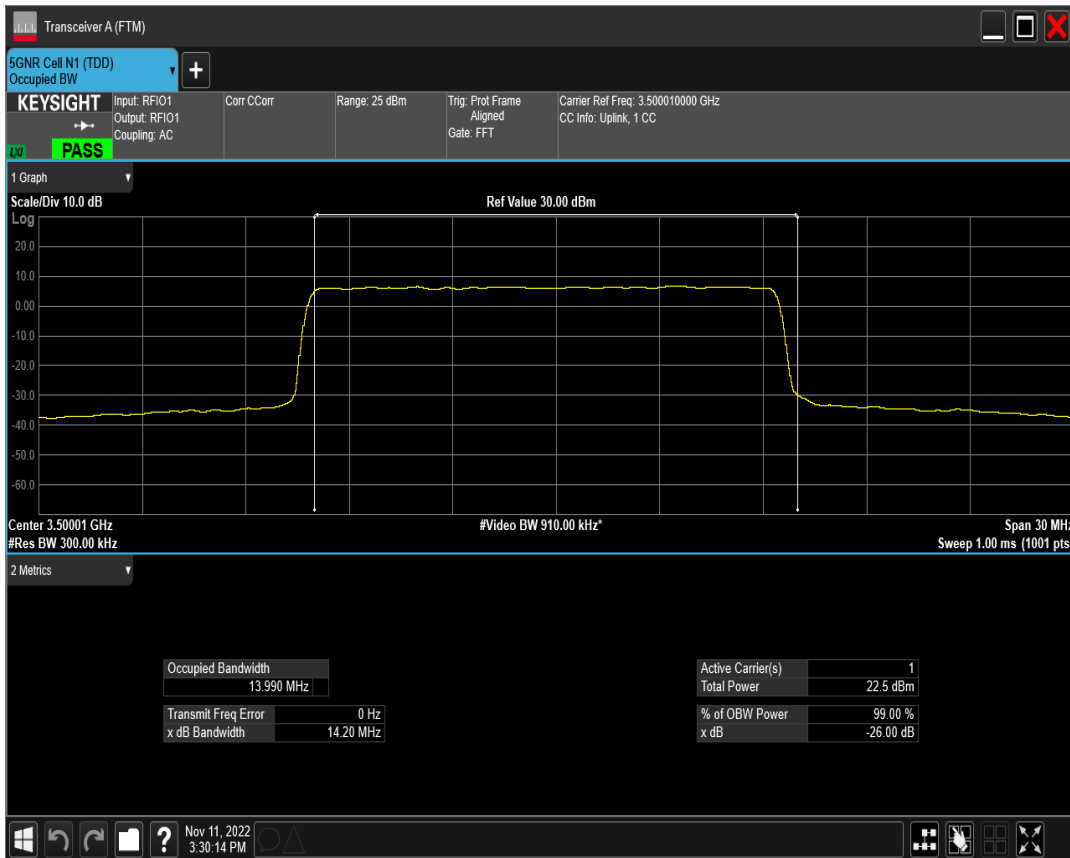
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=75@0



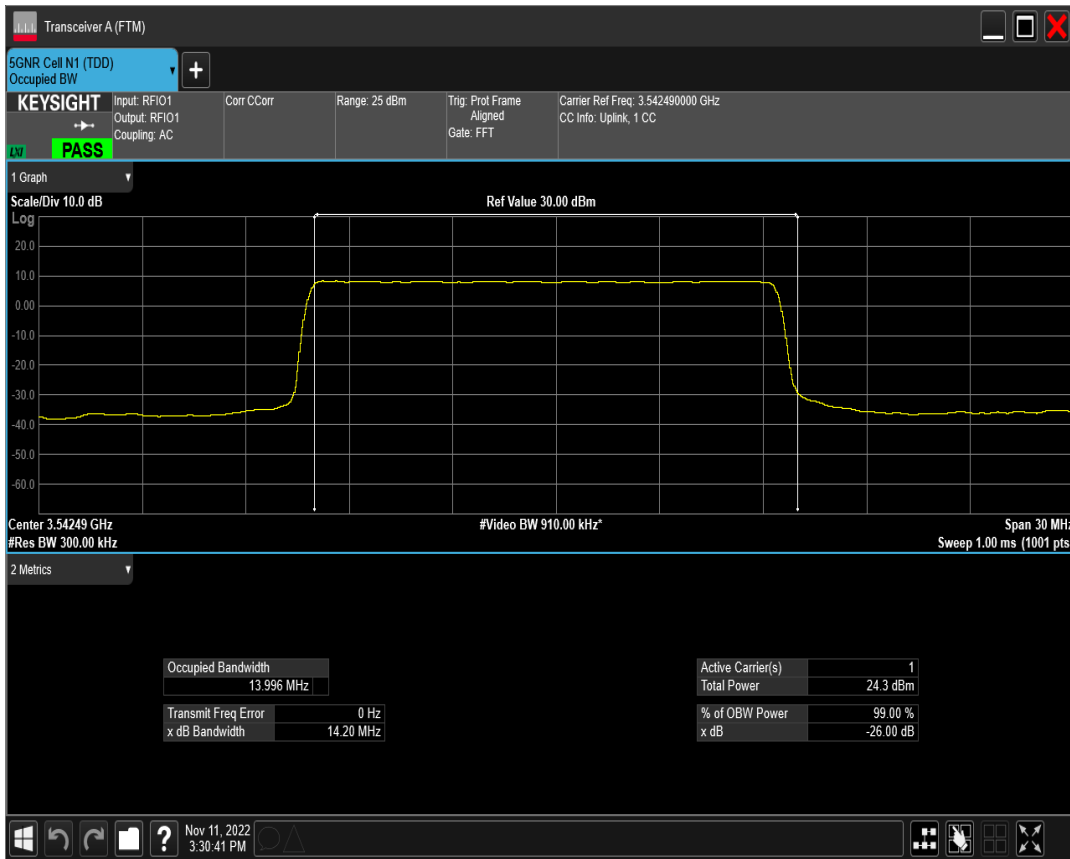
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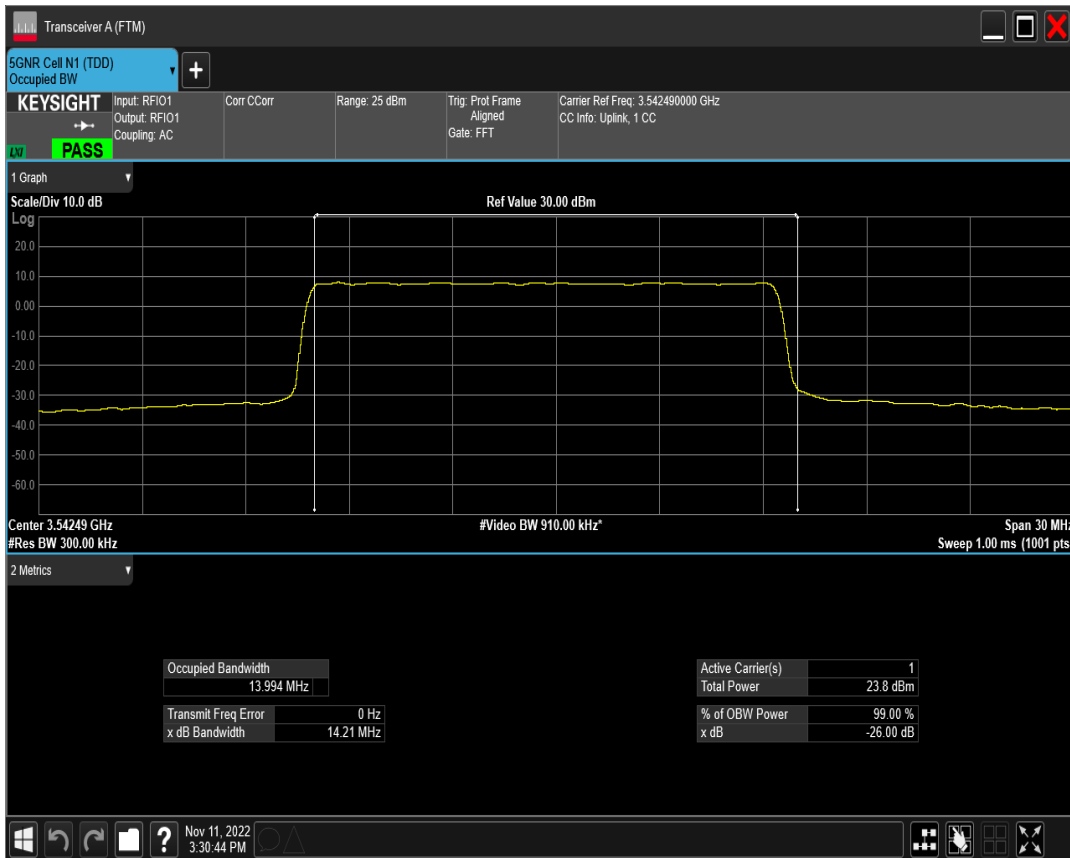
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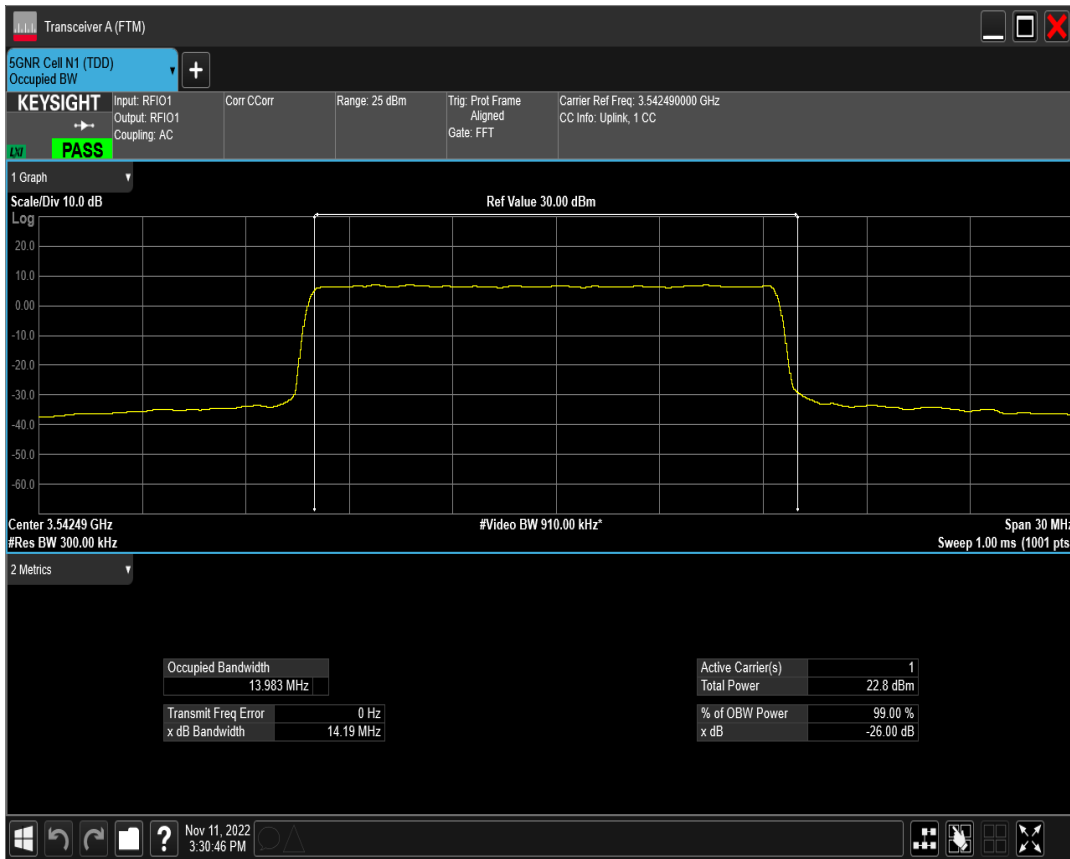
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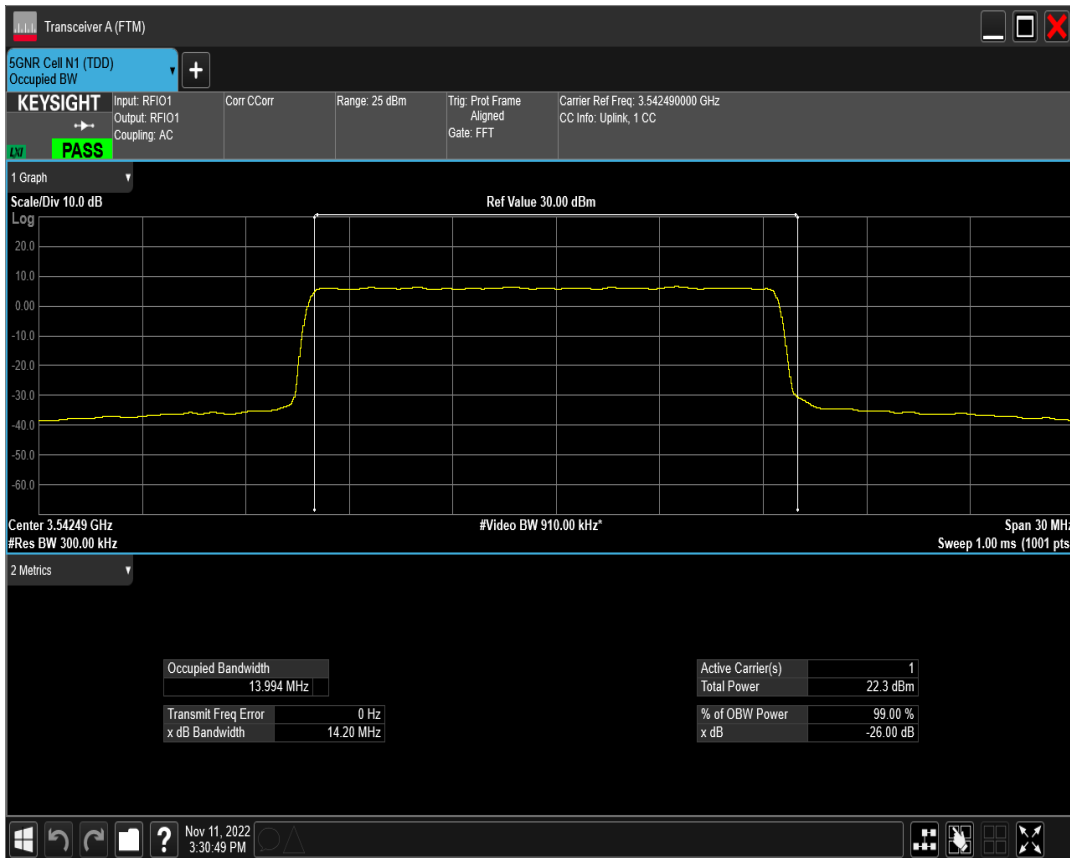
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=15MHz Channel=636166 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=636166 RB=75 @0

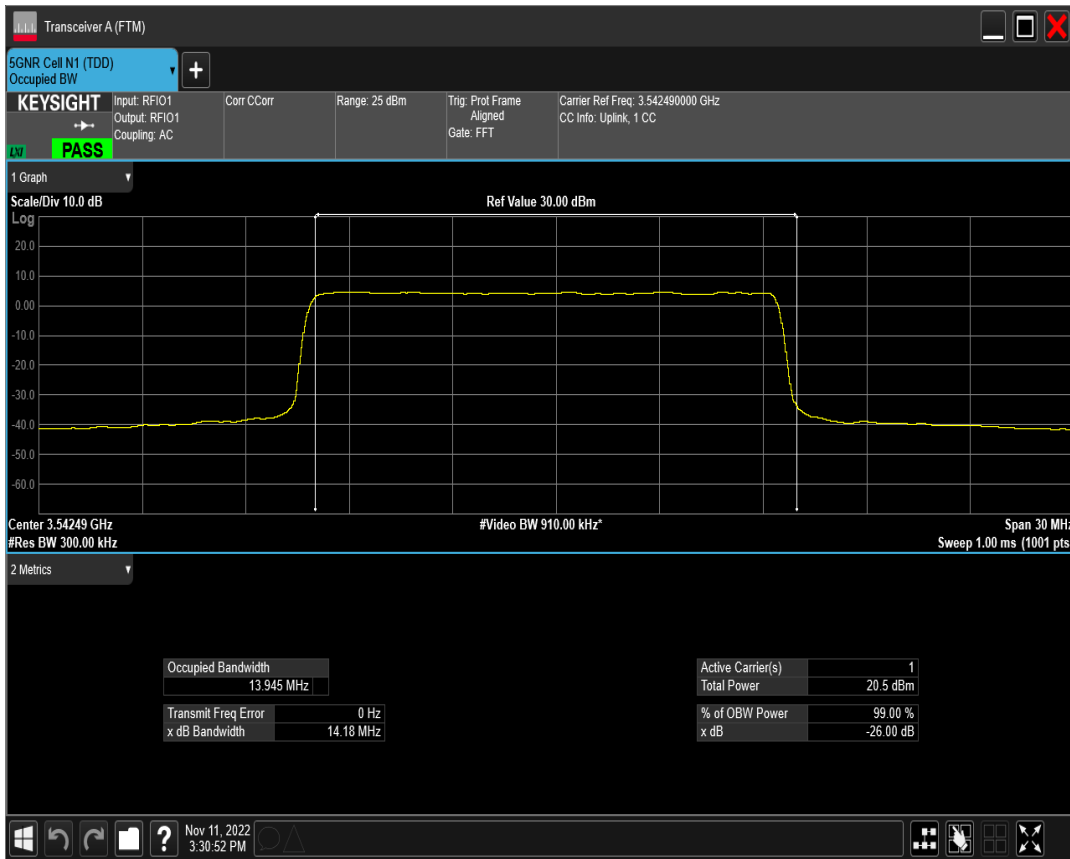


n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=636166 RB=75 @0

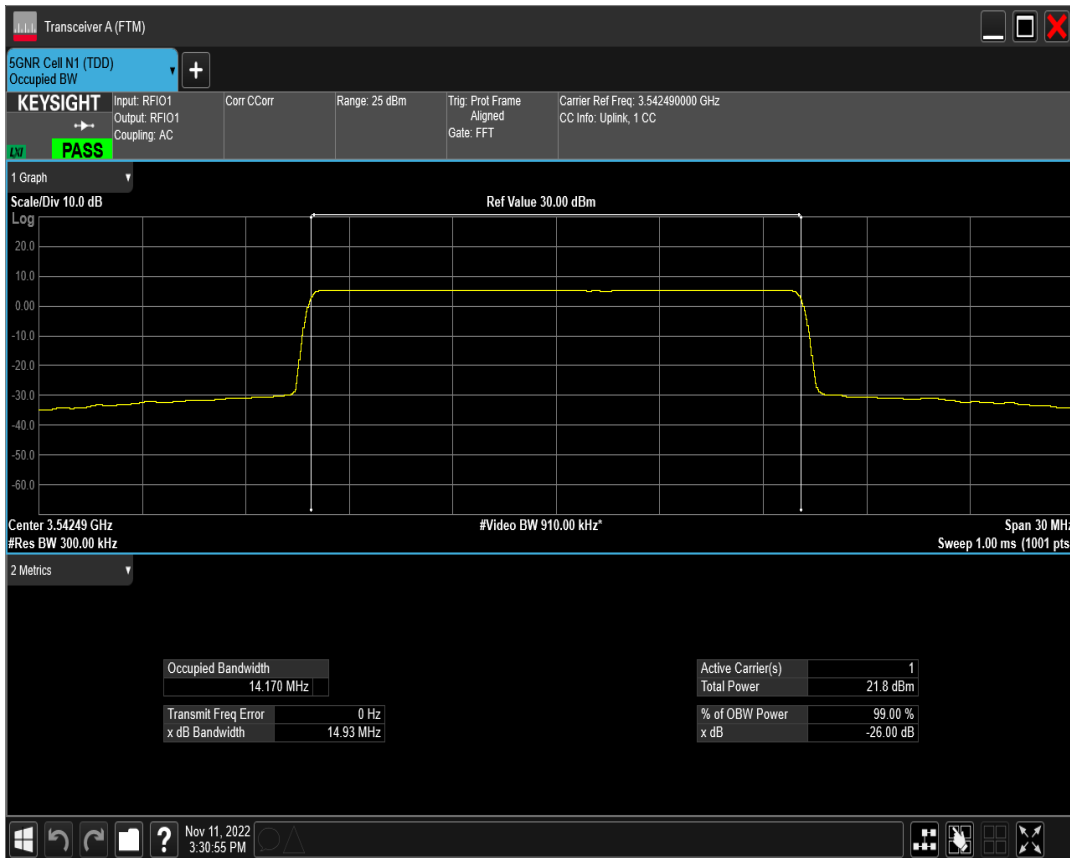




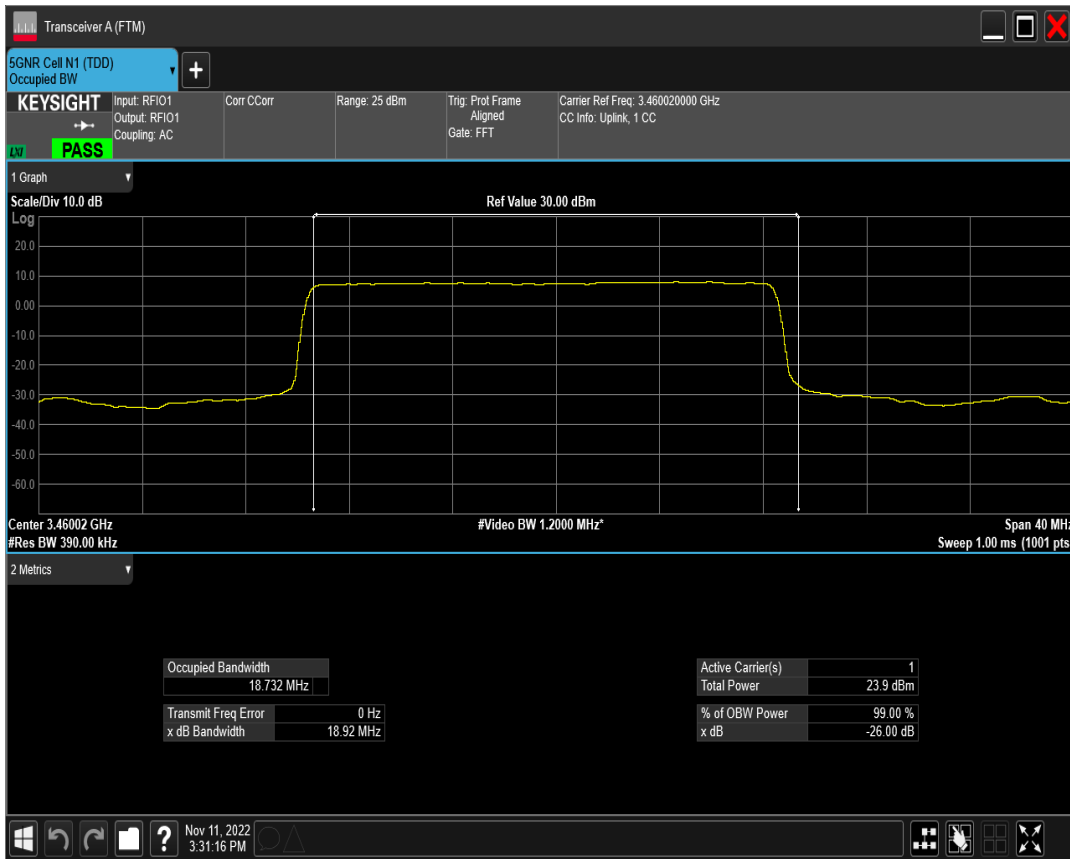
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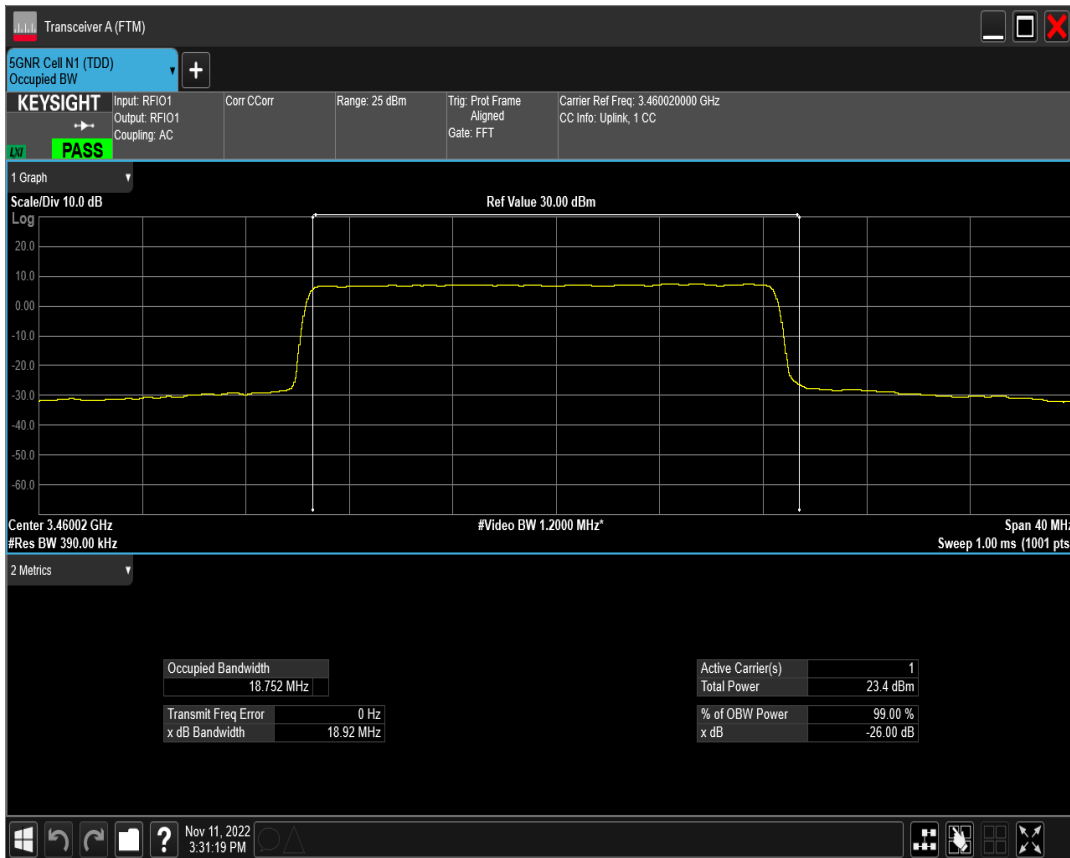
n77(3450-3550) SCS=15kHz CP\_QPSK BW=15MHz Channel=636166 RB=79@0



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



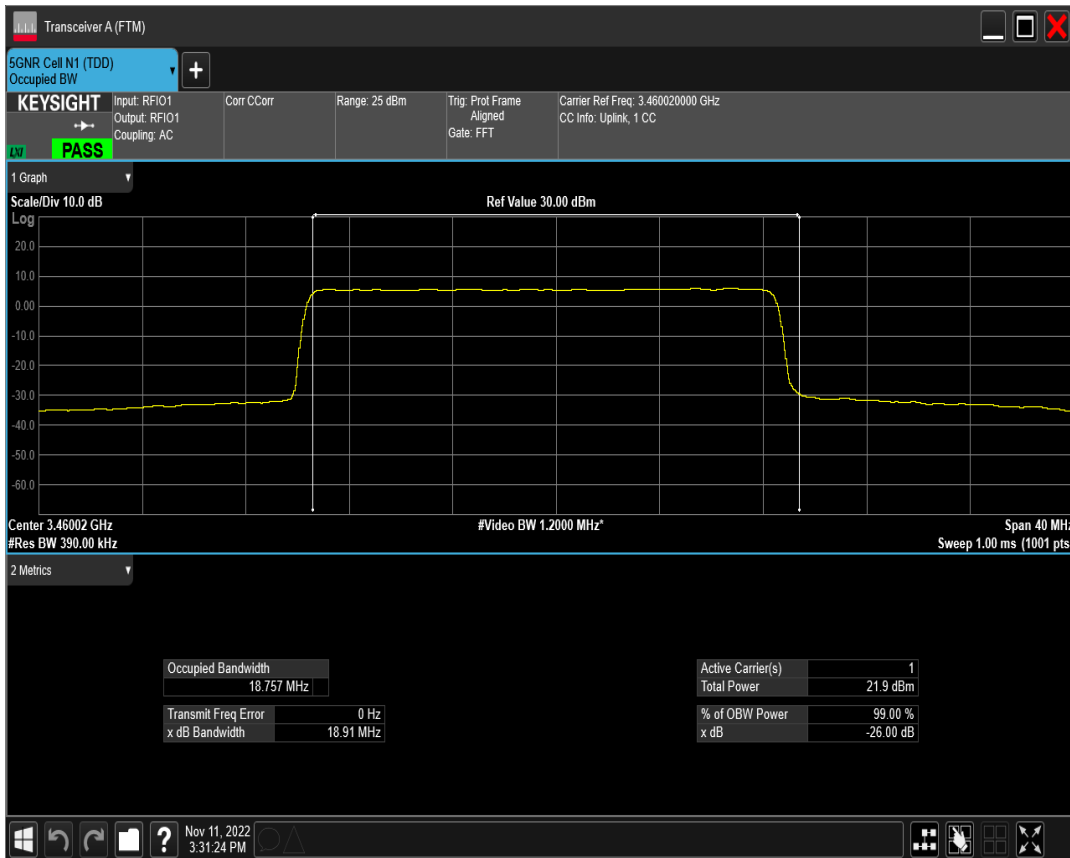
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=630668 RB=100@0



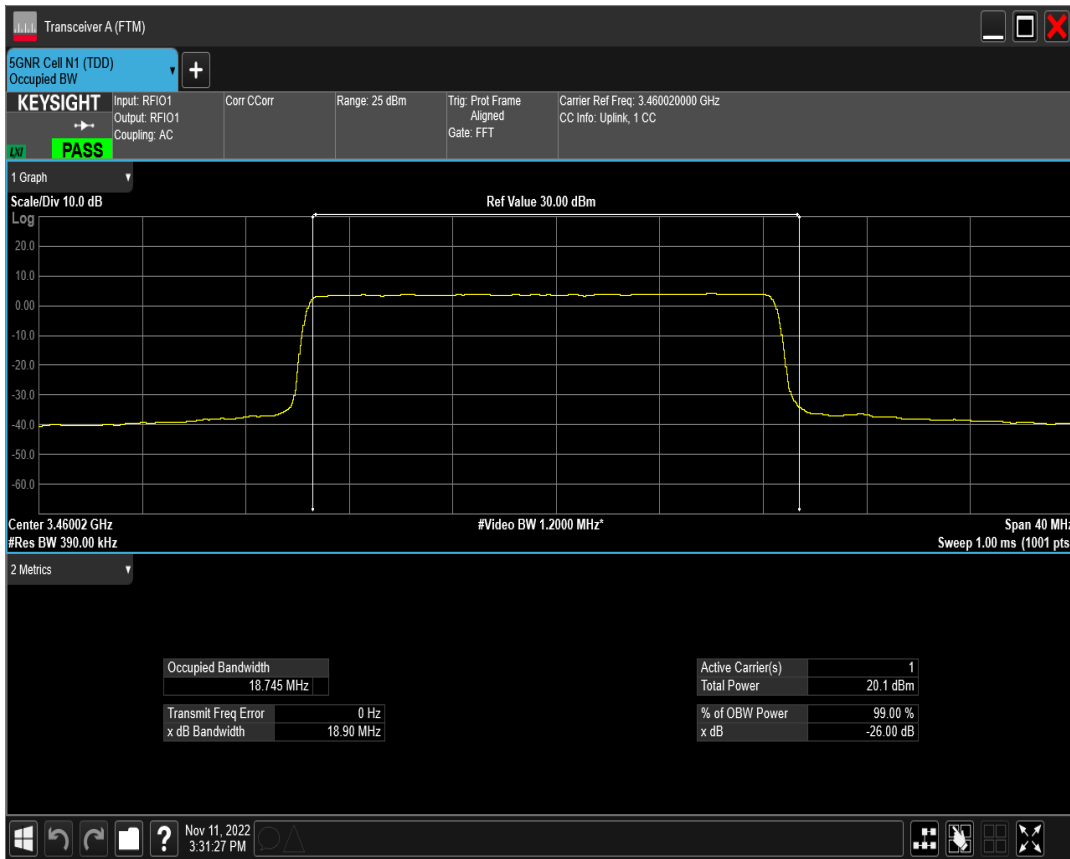
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=630668 RB=100@0



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



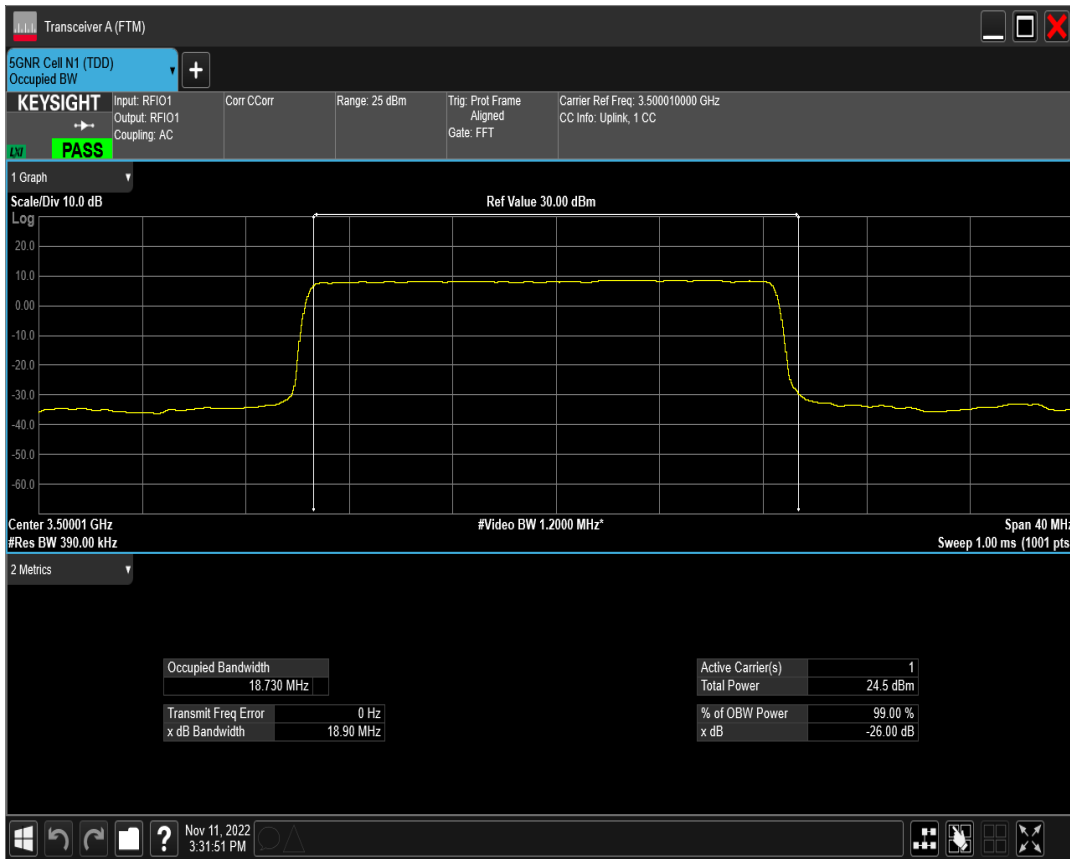
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=630668 RB=100@0



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



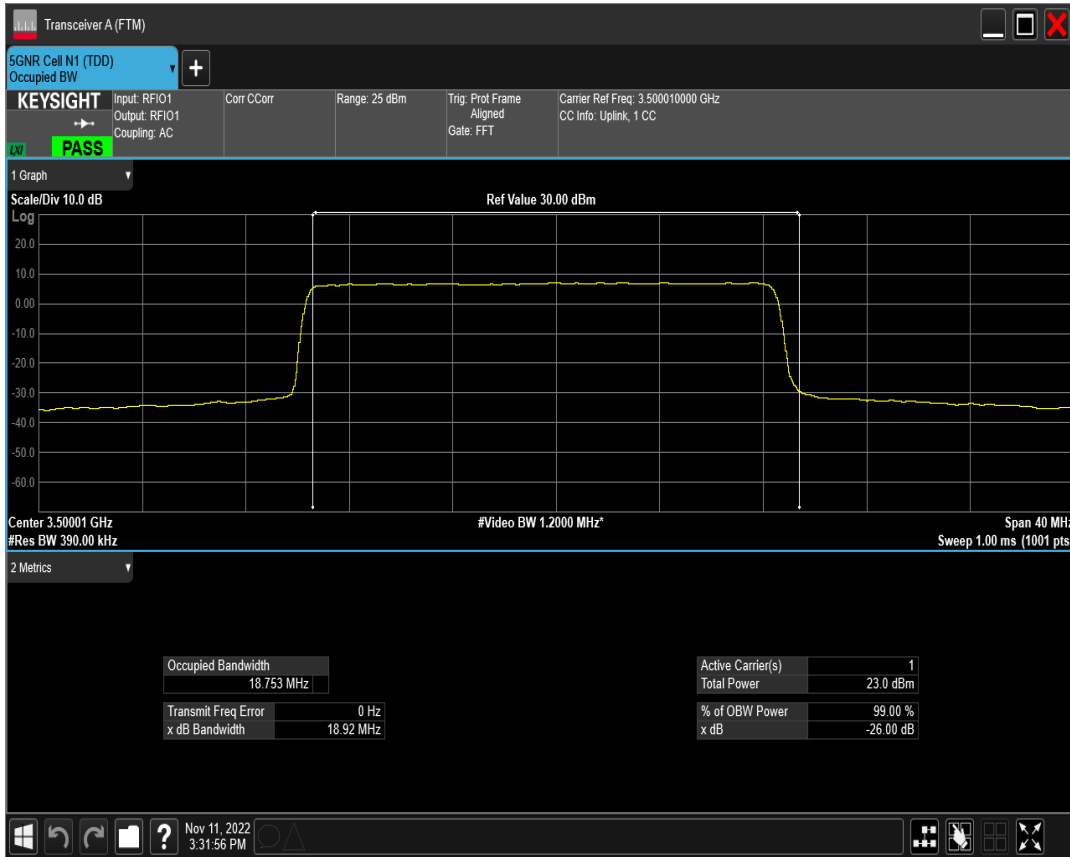
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=633334 RB=100@0



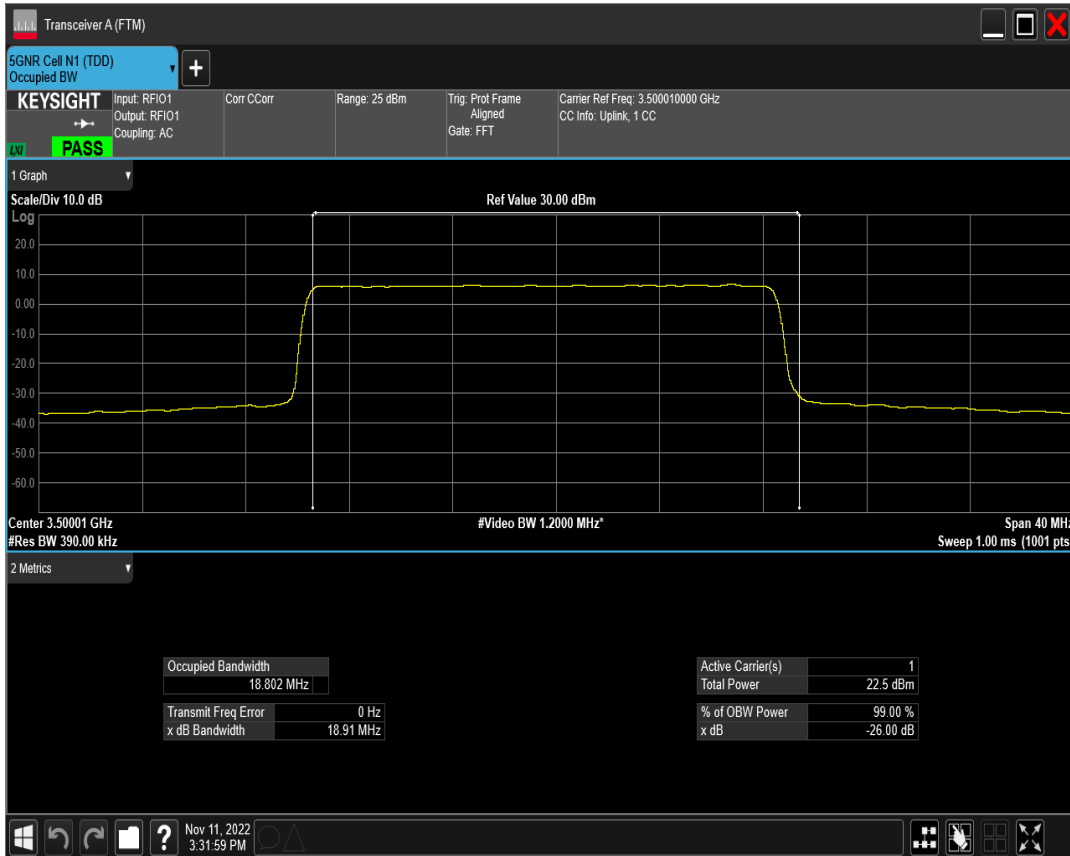
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=633334 RB=100@0



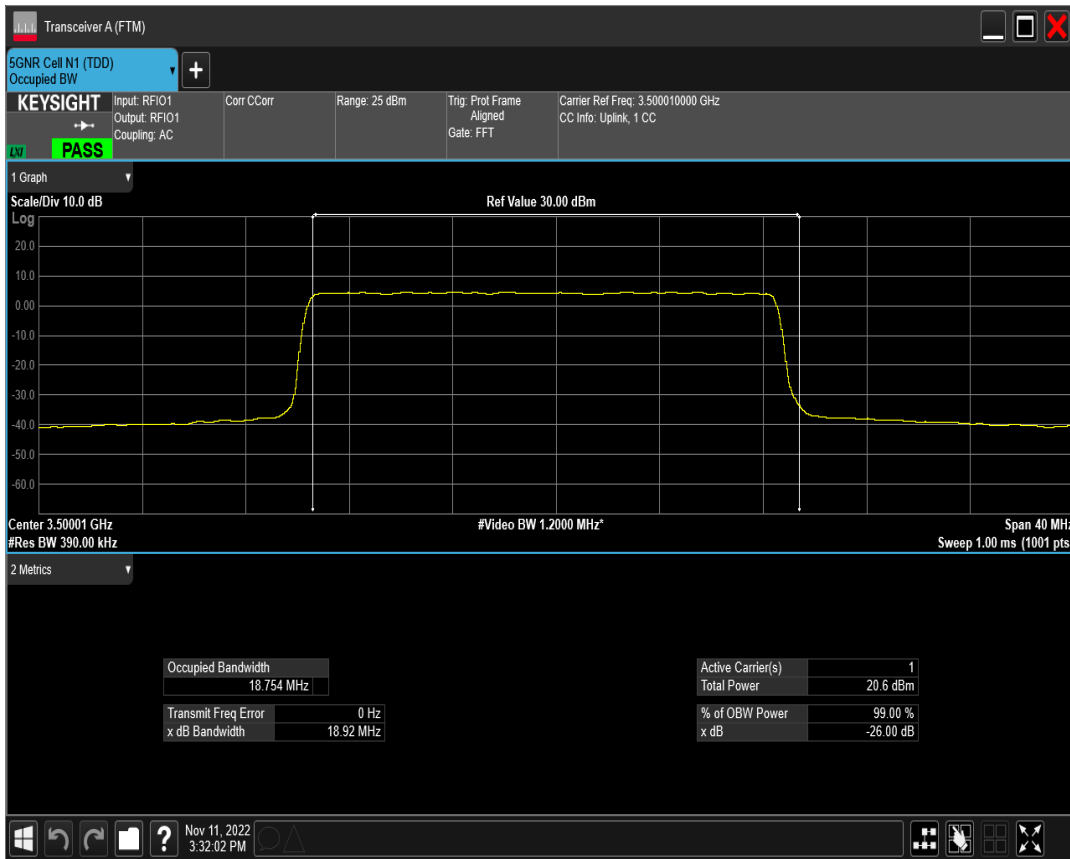
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=100@0



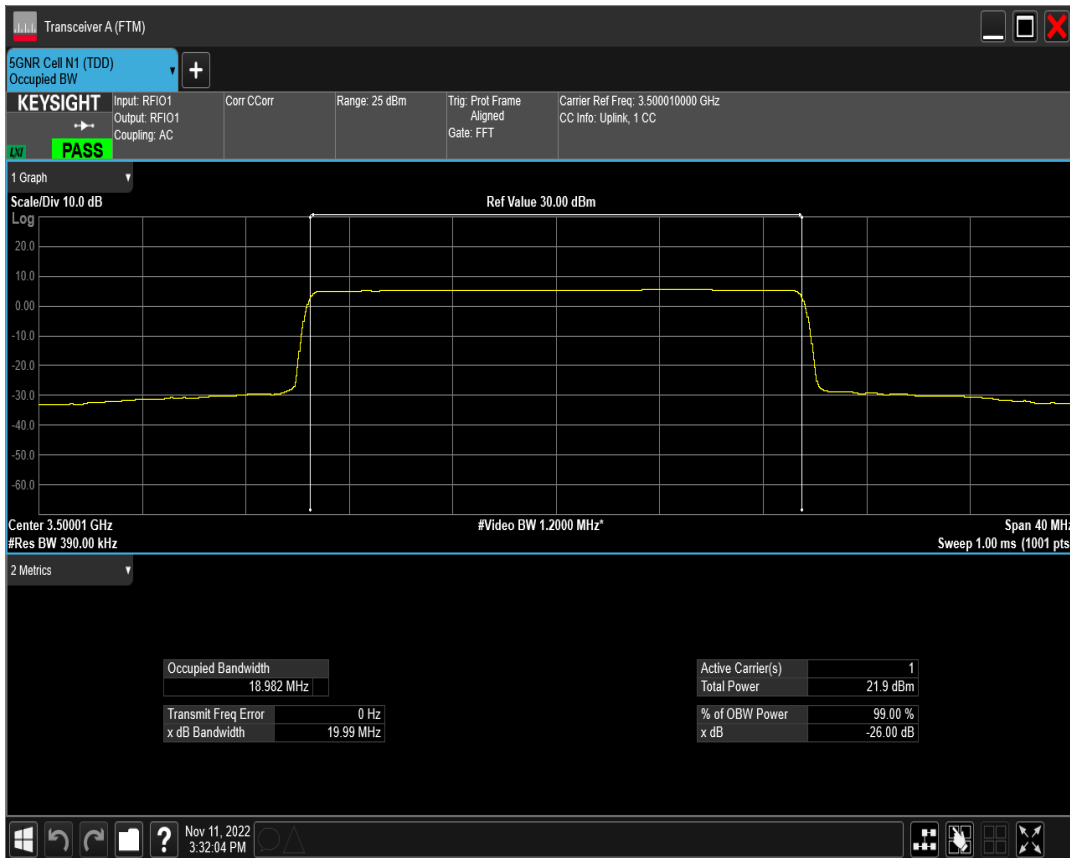
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=100@0



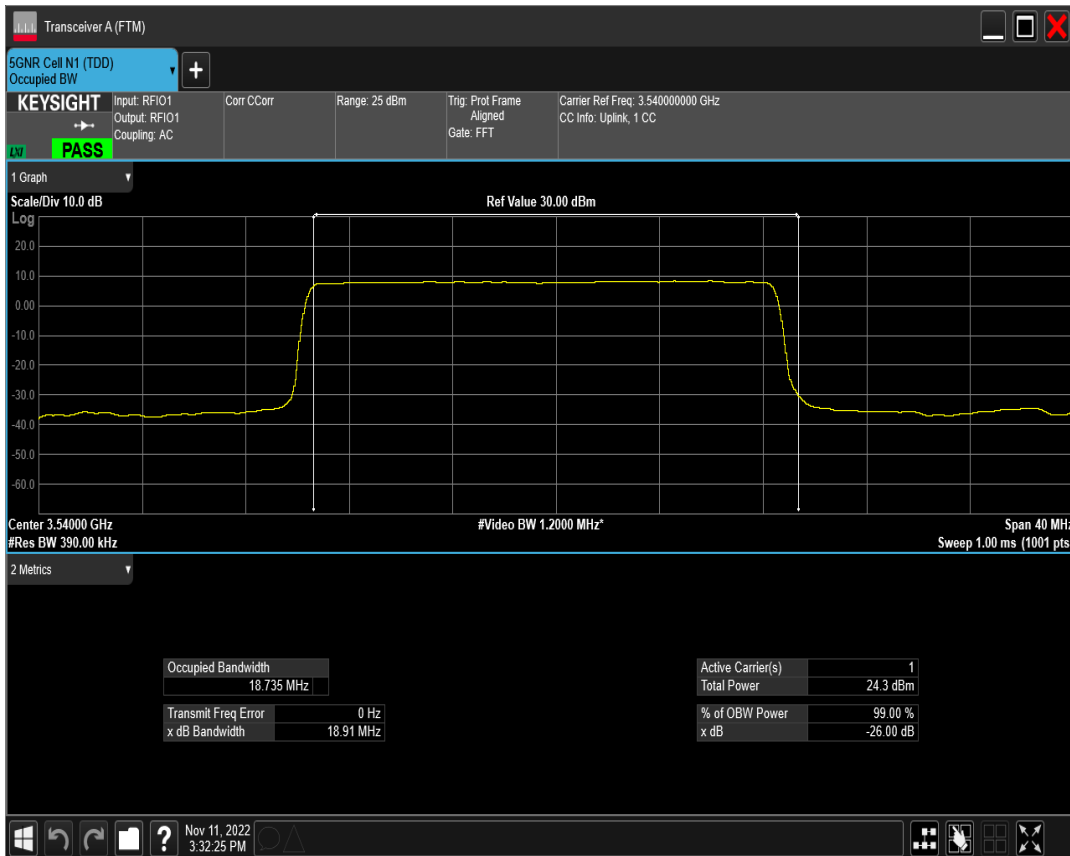
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=100@0



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

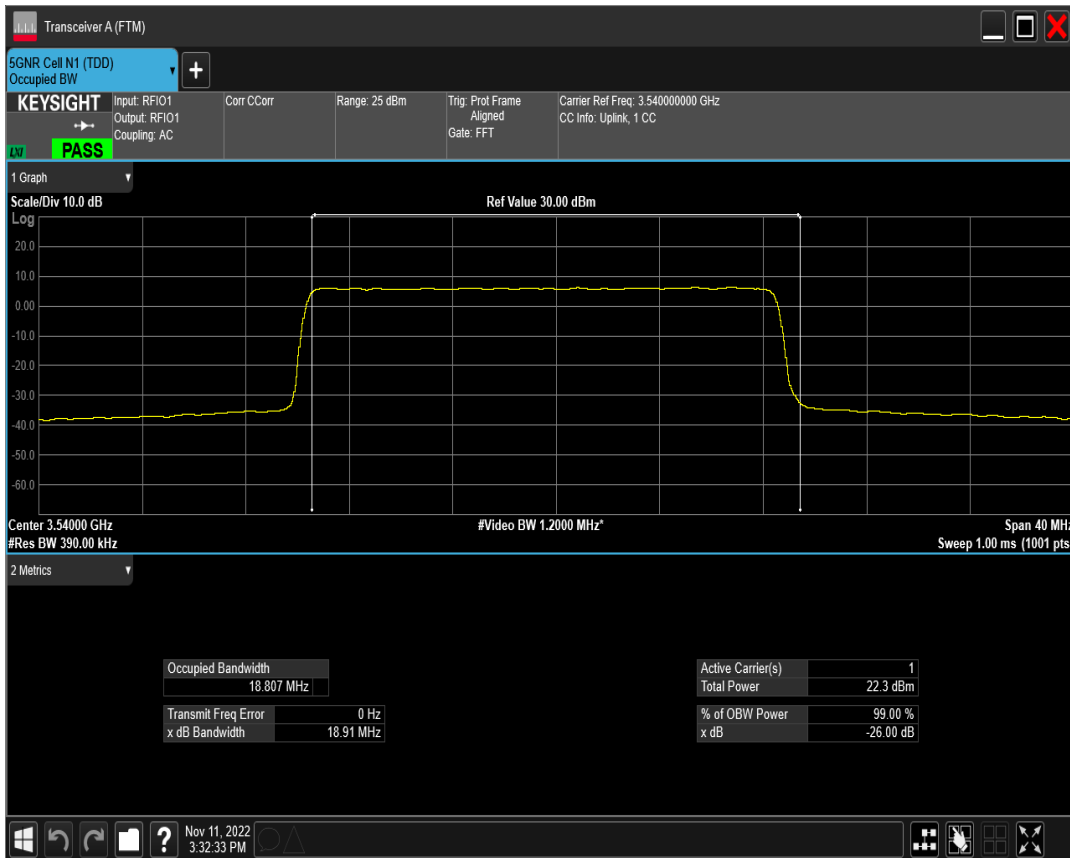




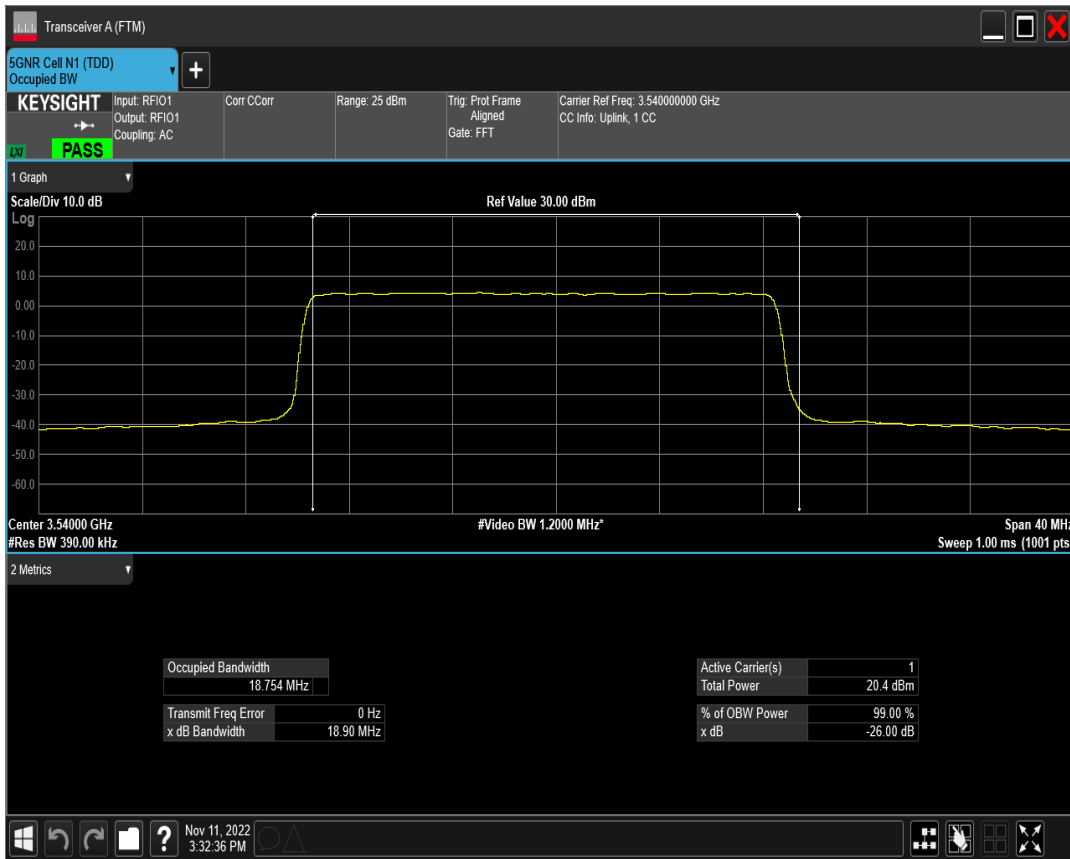
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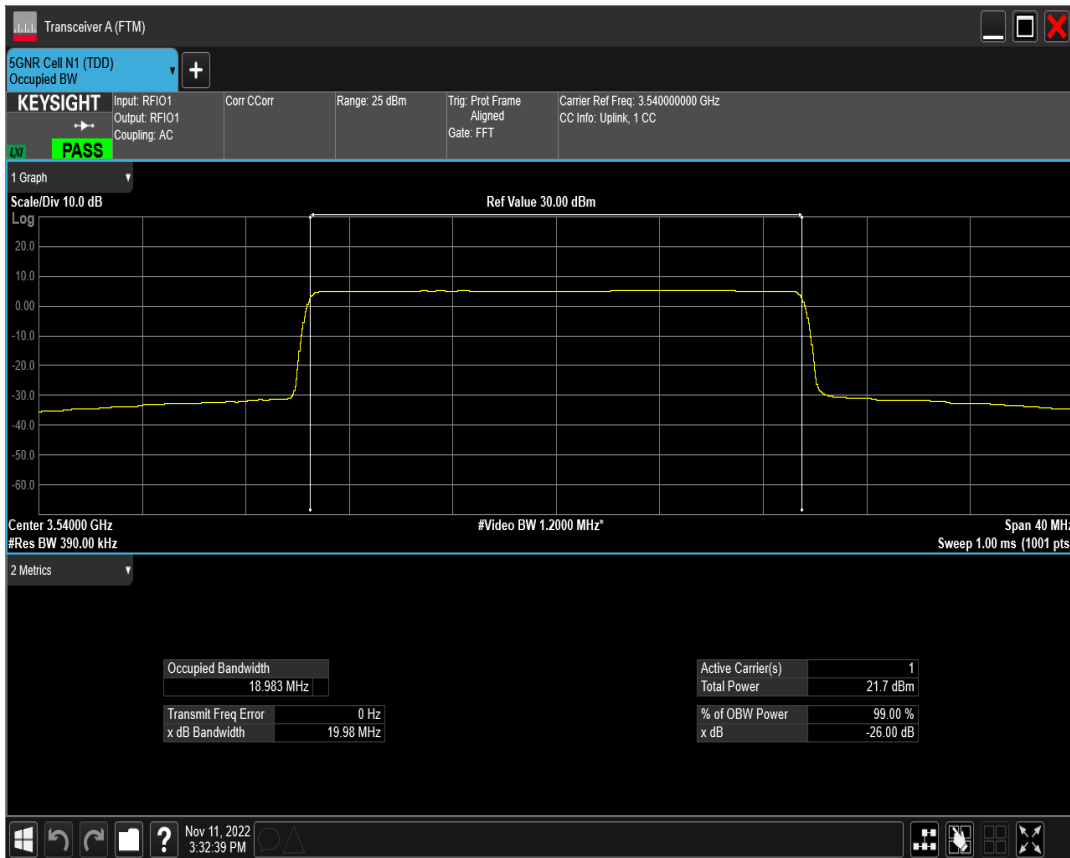
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=100@0



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



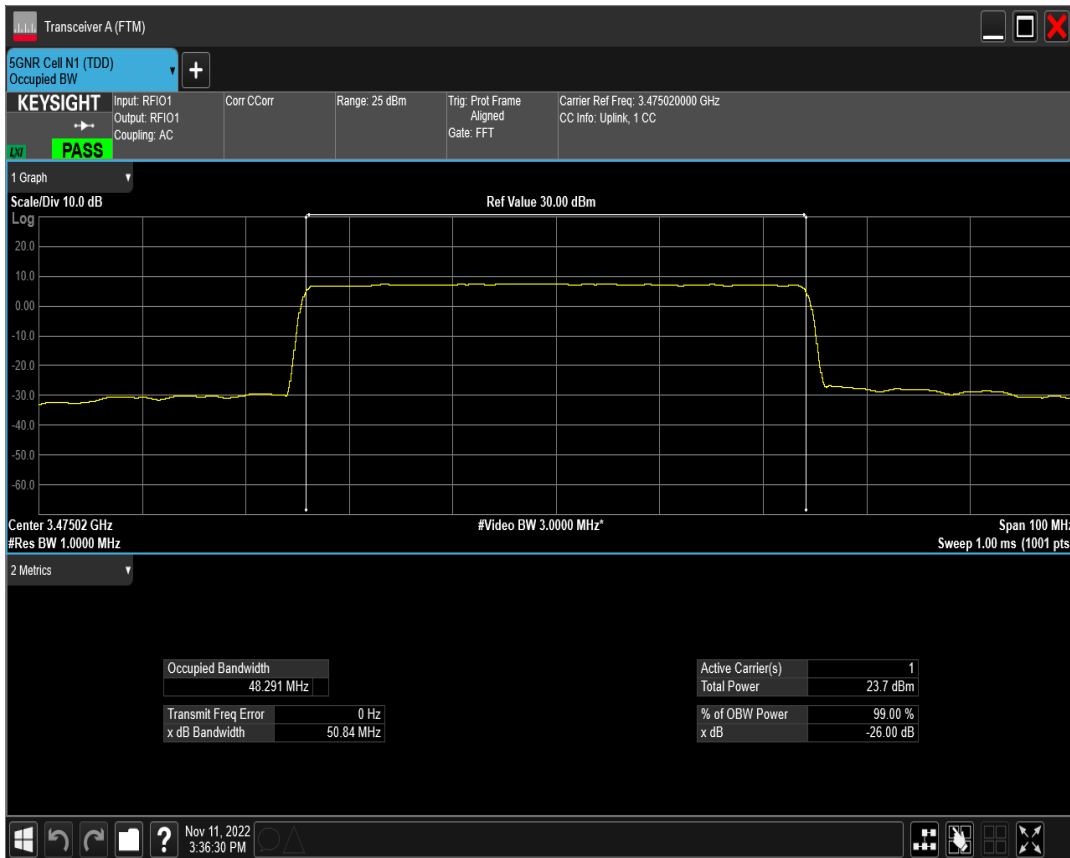
n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=636000 RB=106@0



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



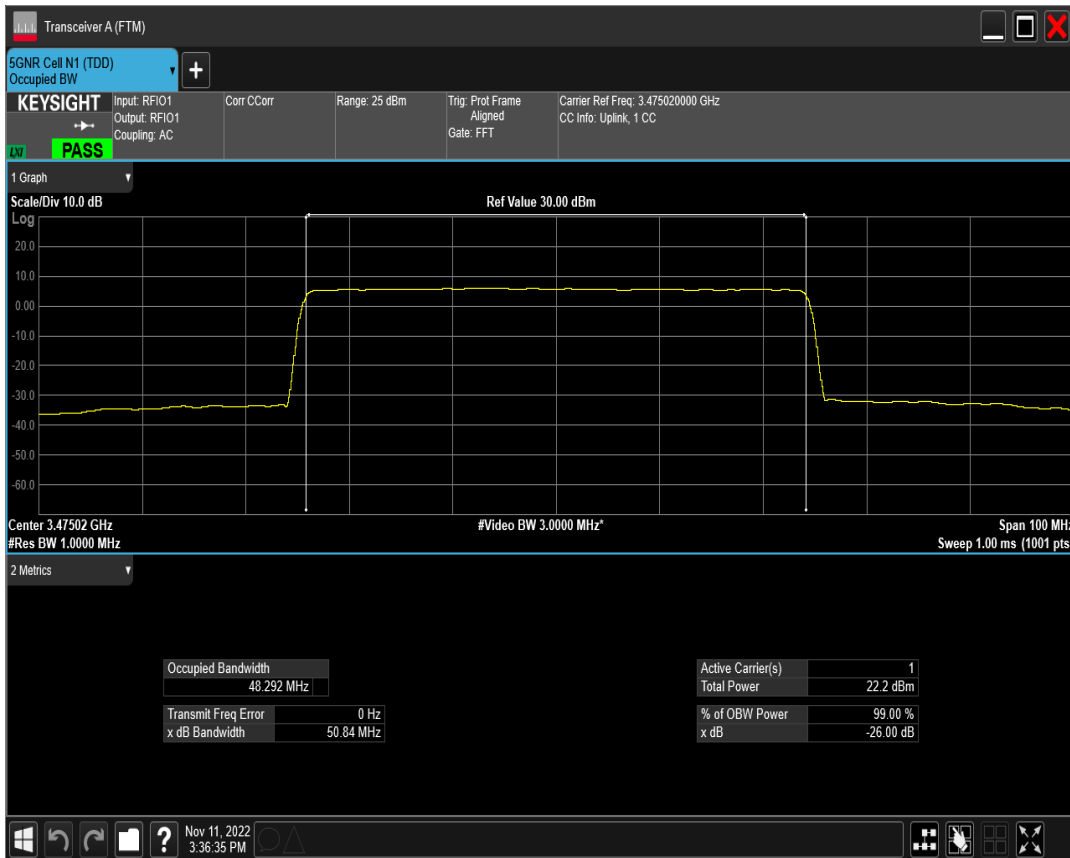
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



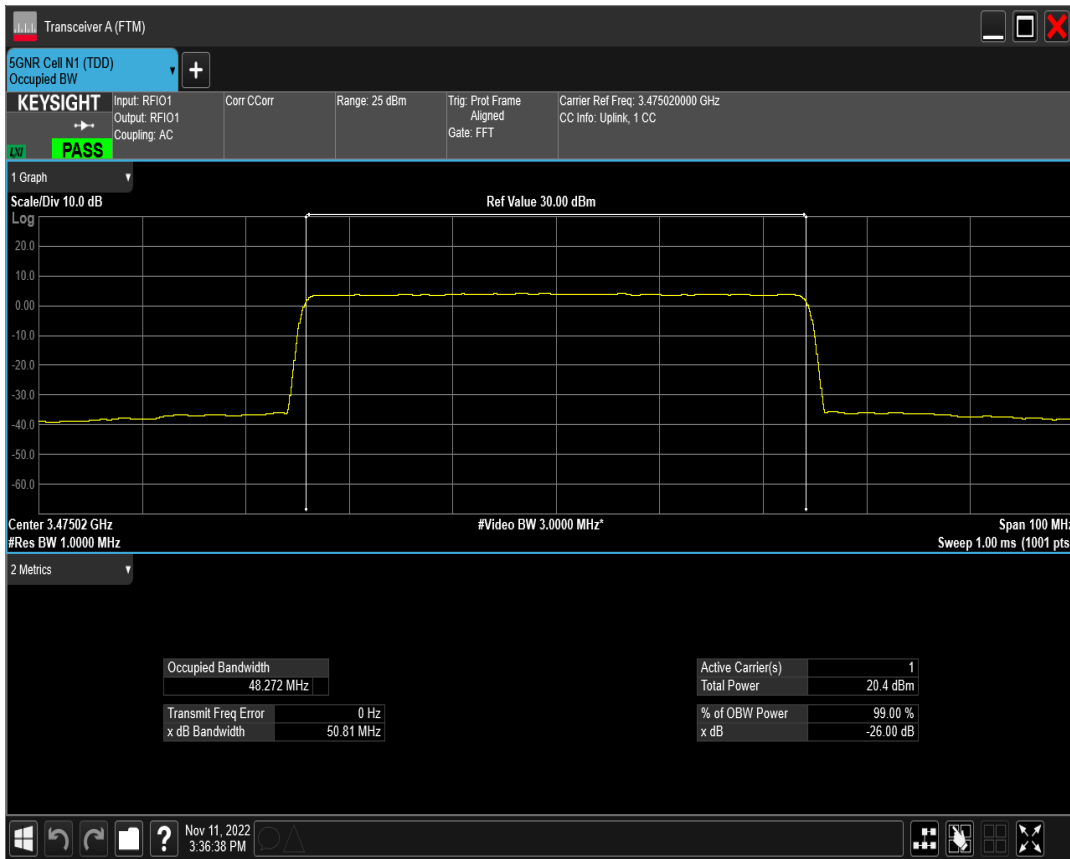
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=270@0



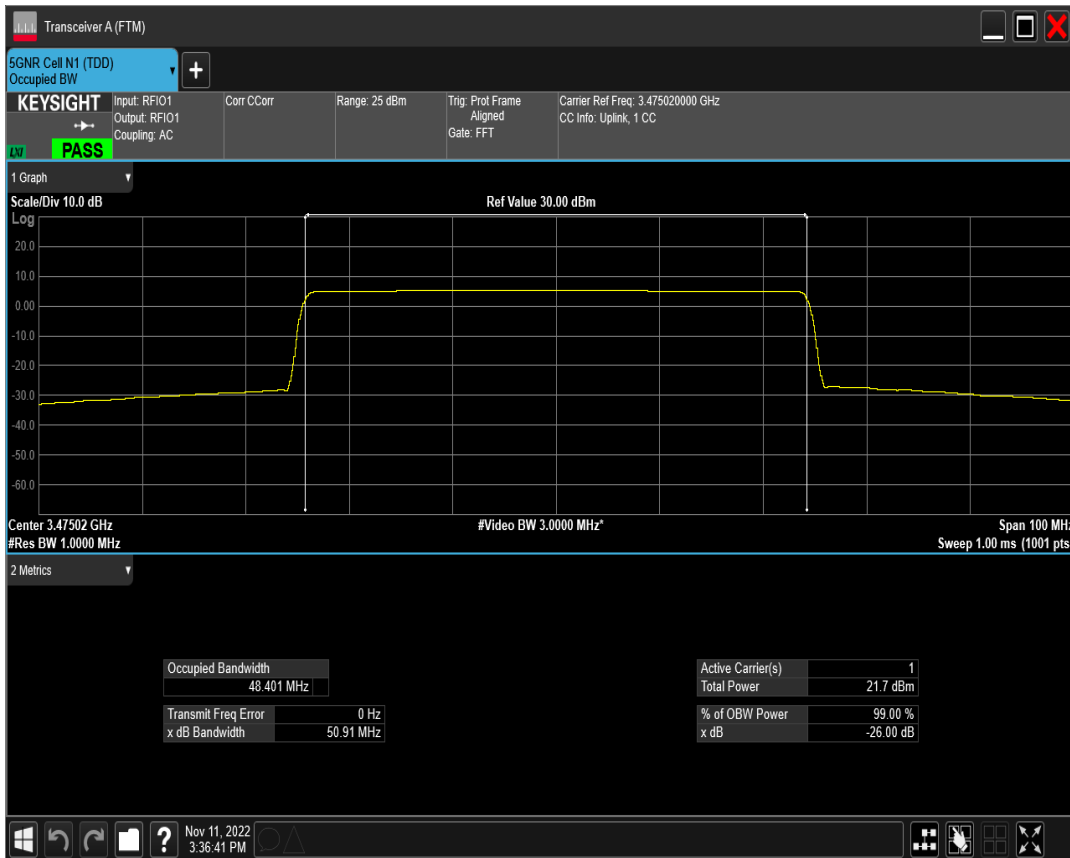
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=270@0



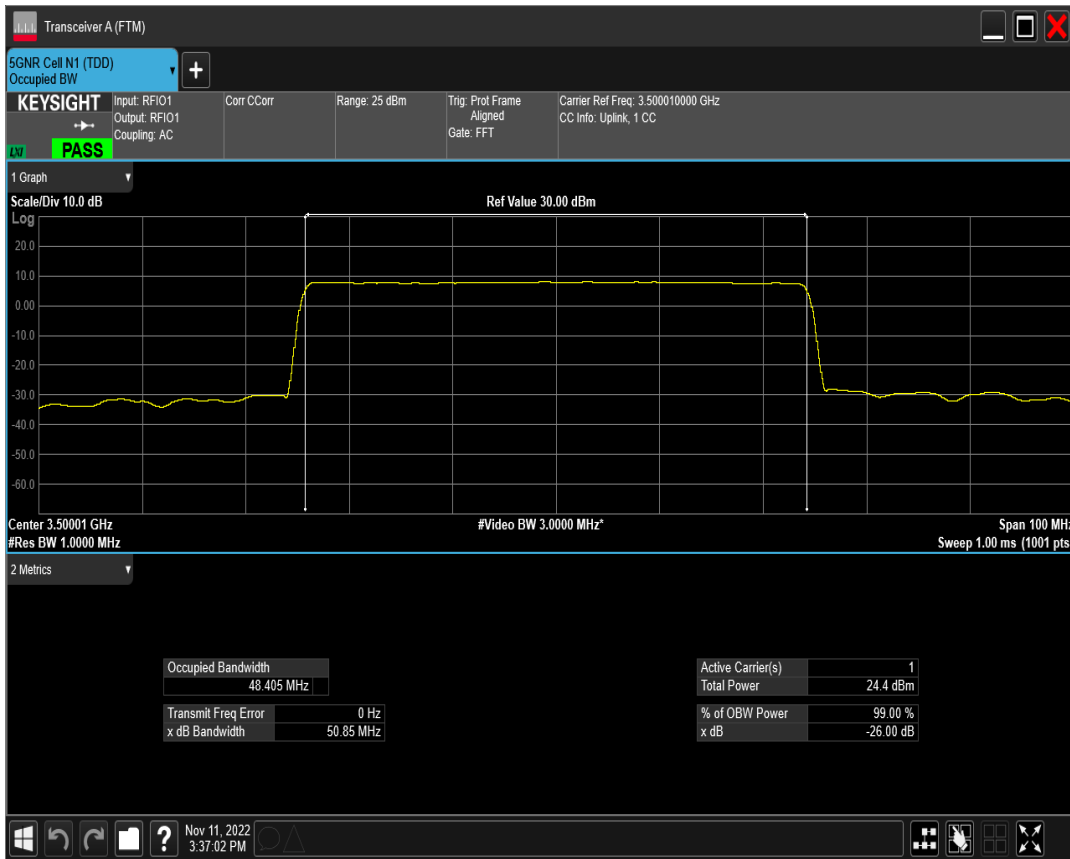
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=270@0



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



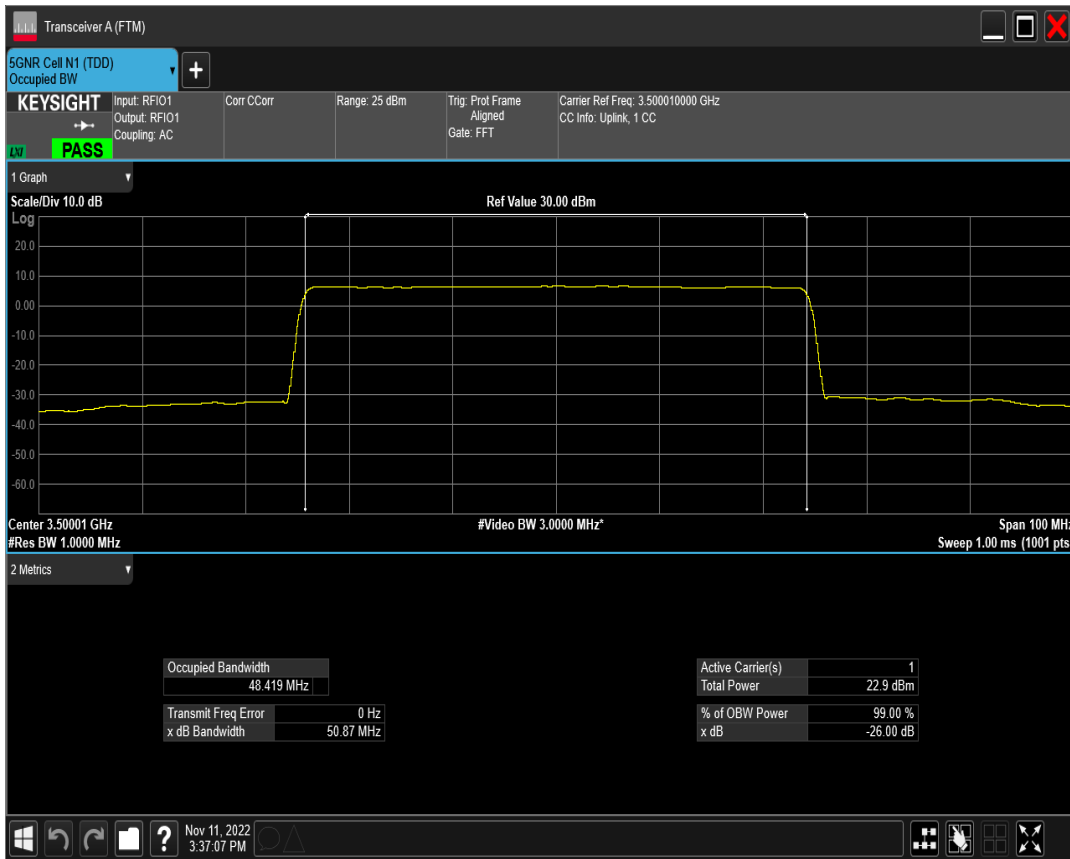
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=633334 RB=270@0



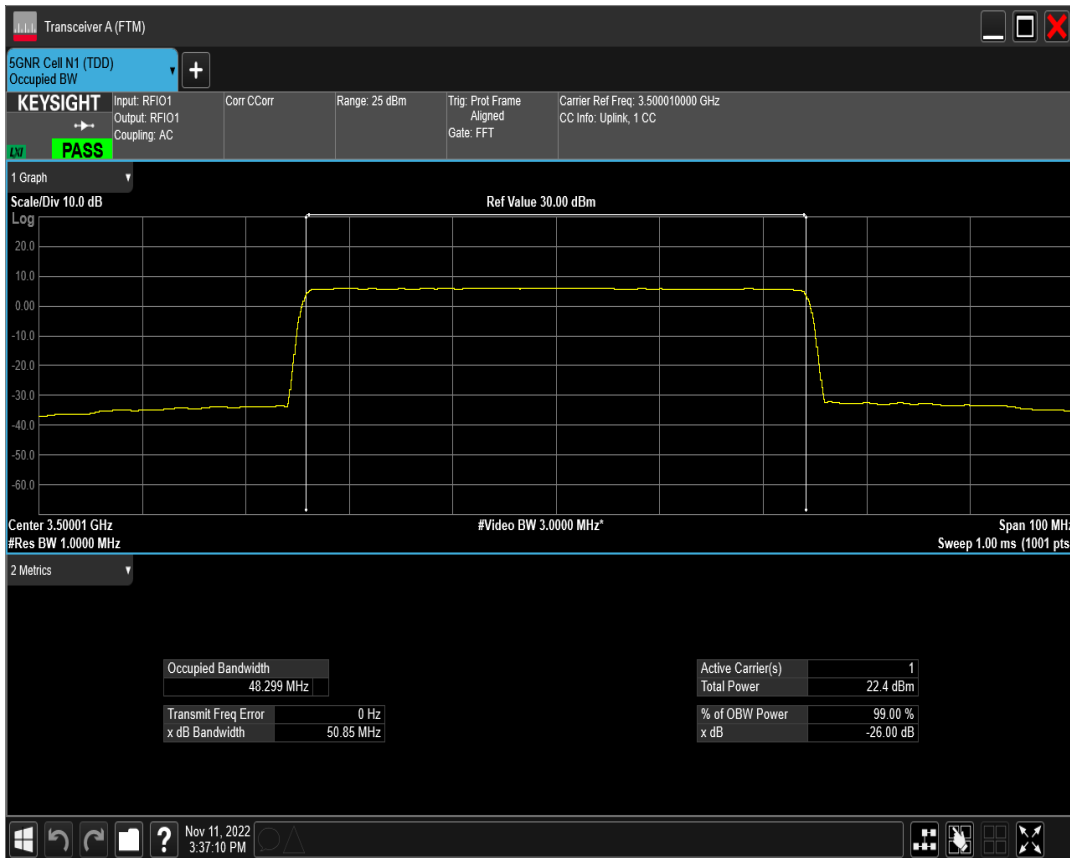
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



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



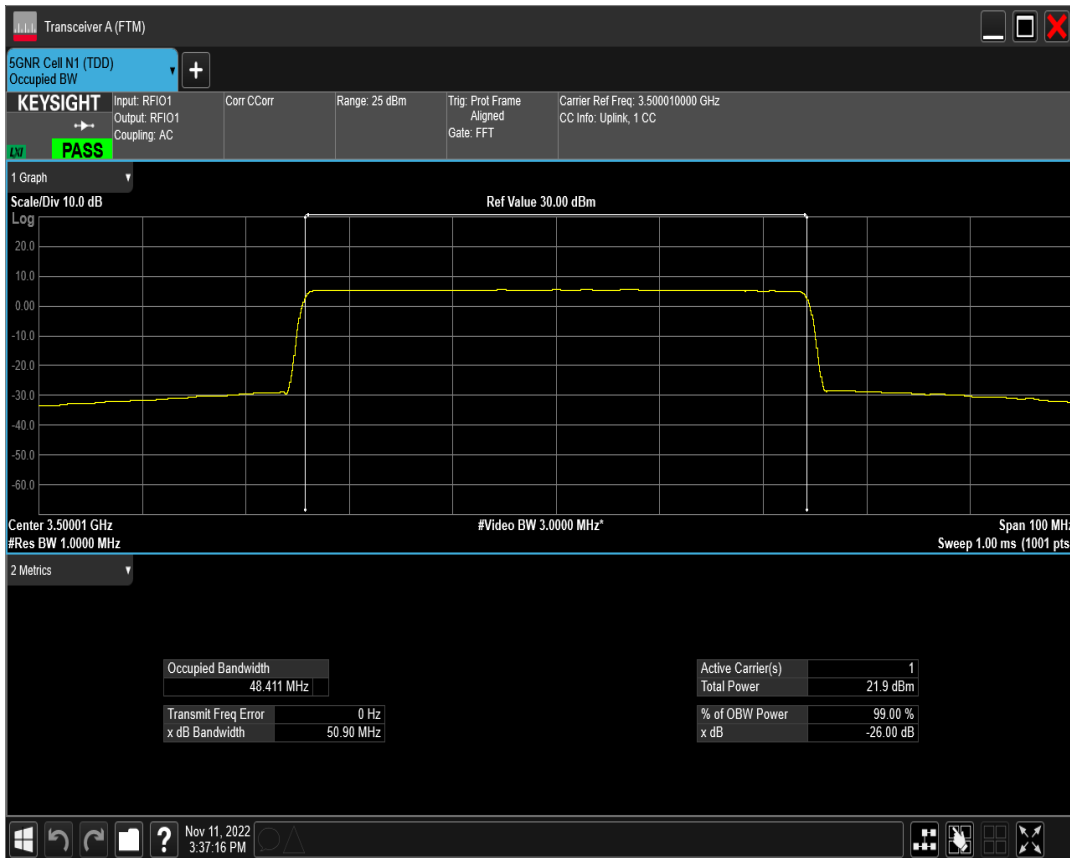
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=270@0



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

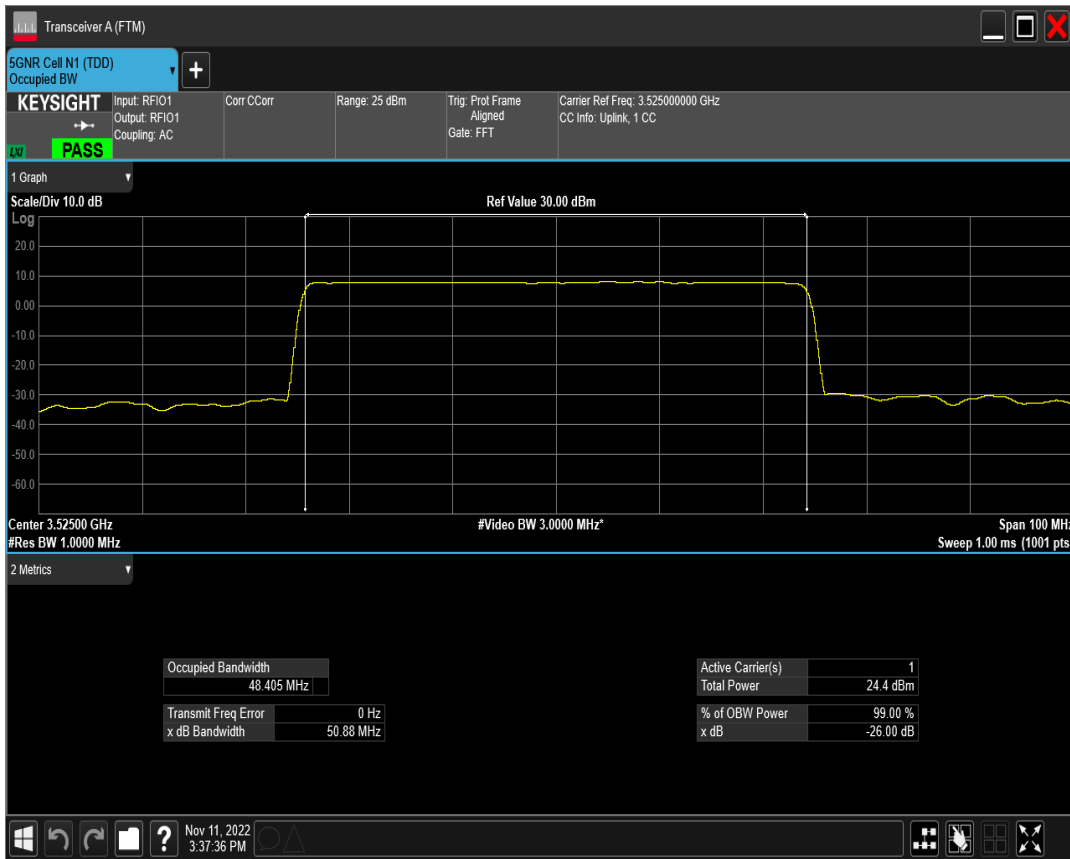


n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=633334 RB=270@0

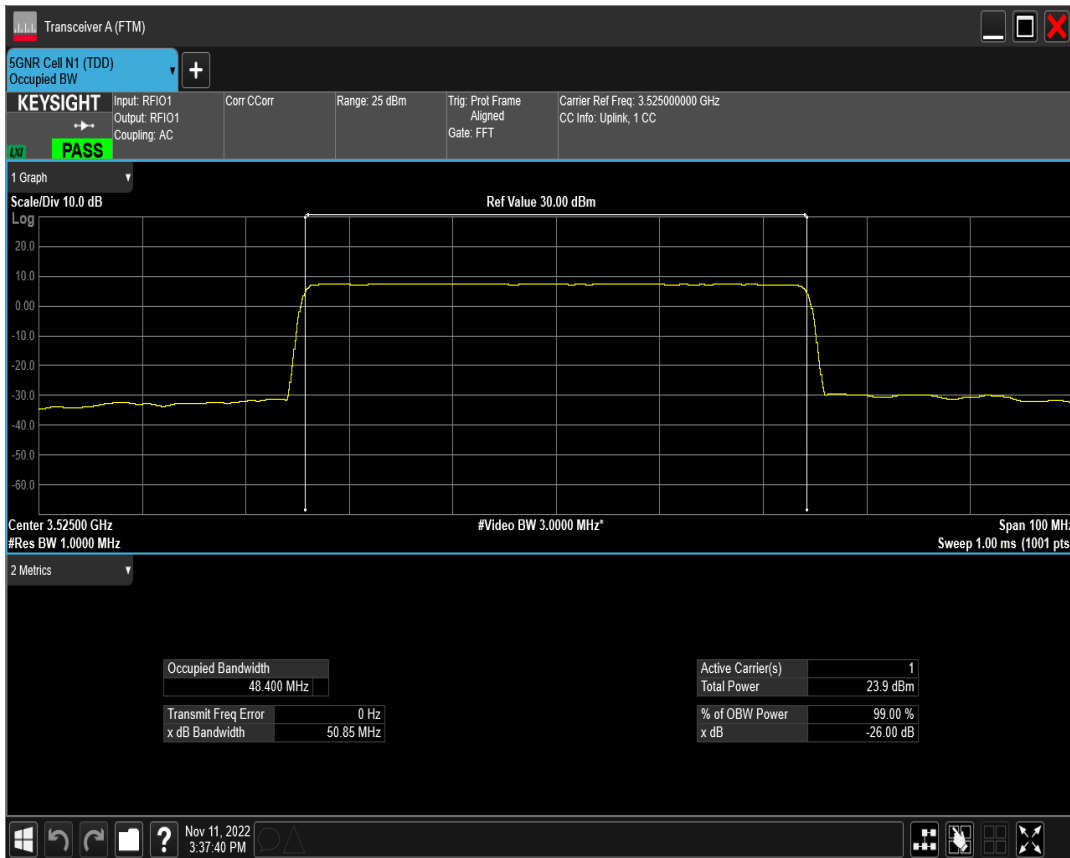




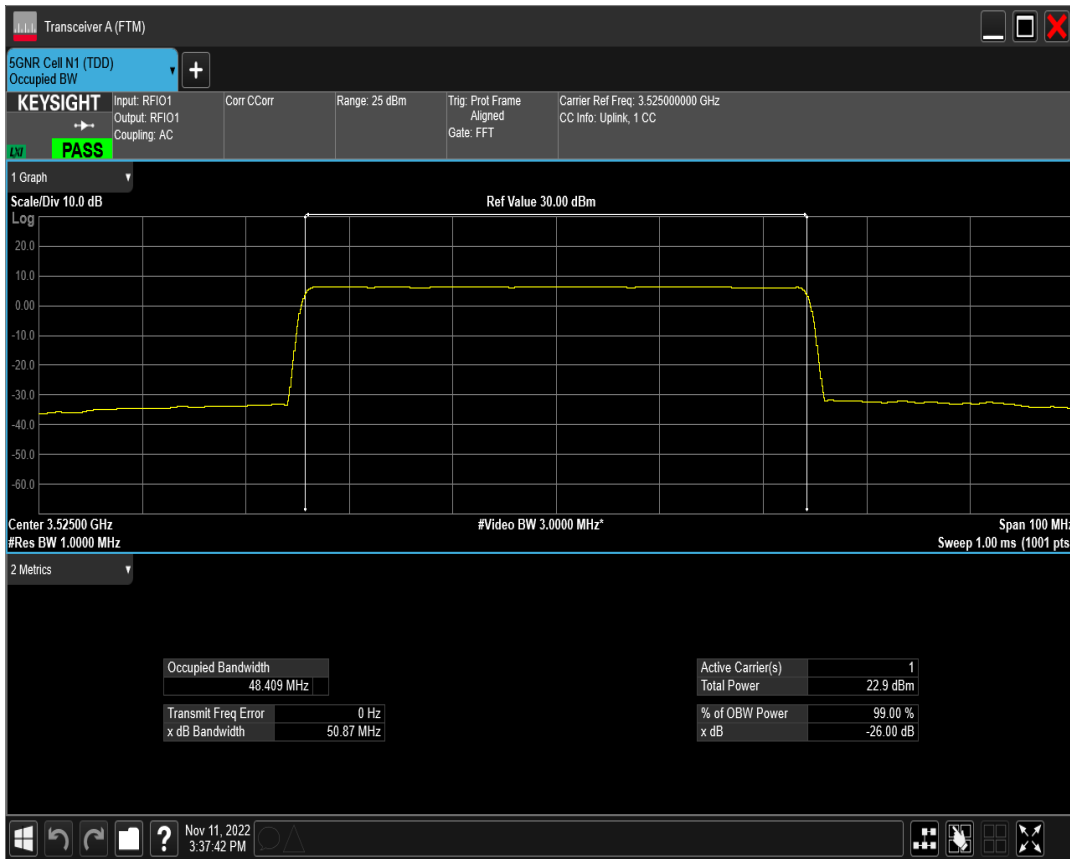
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=635000 RB=270@0



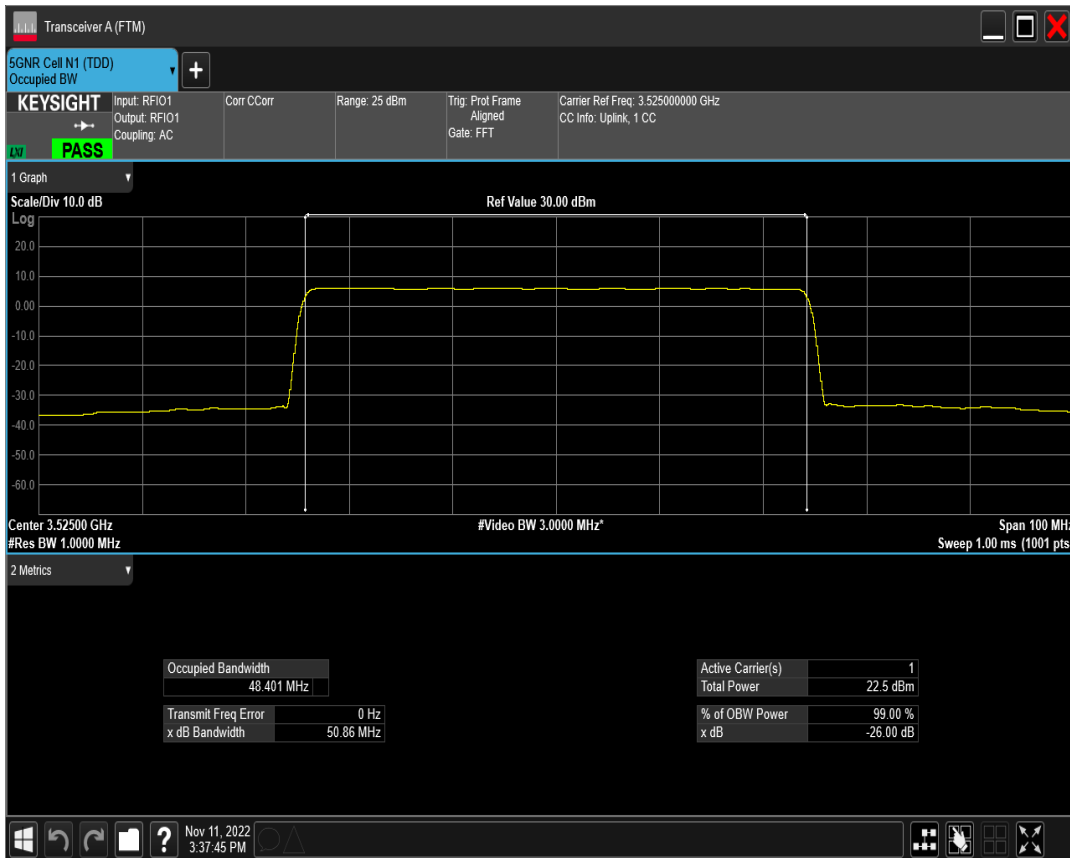
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



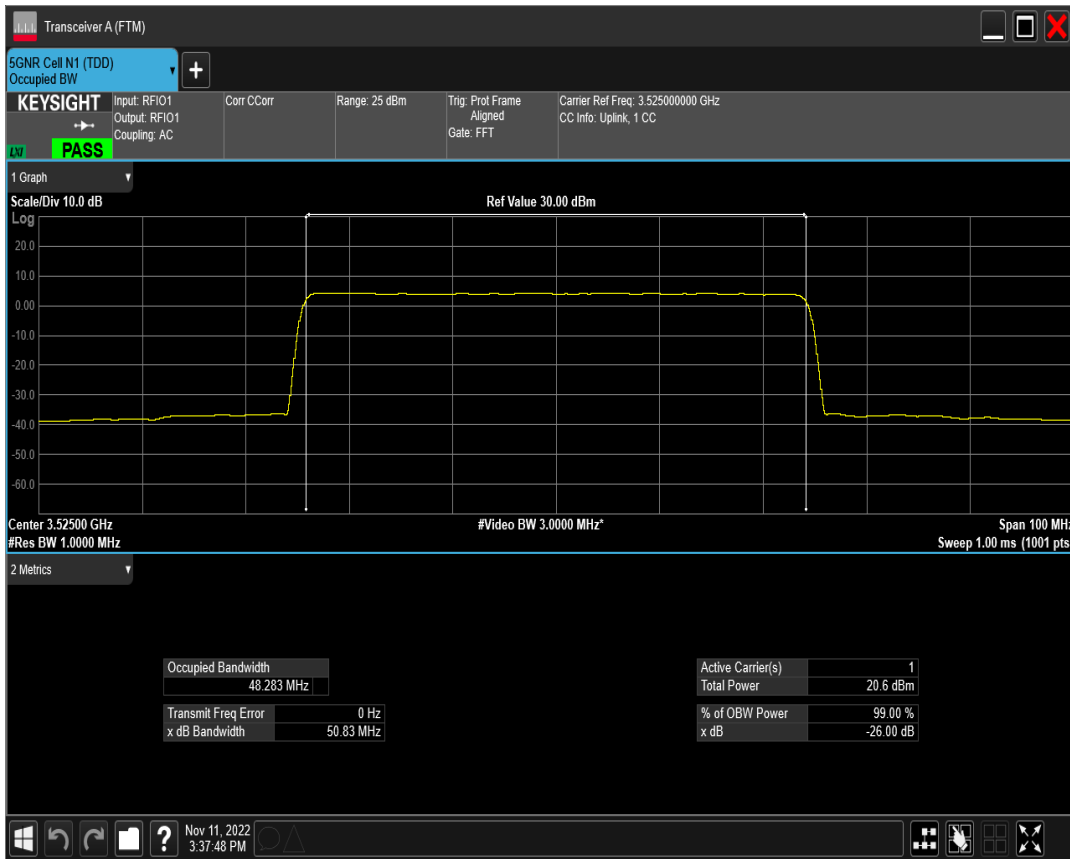
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=270@0



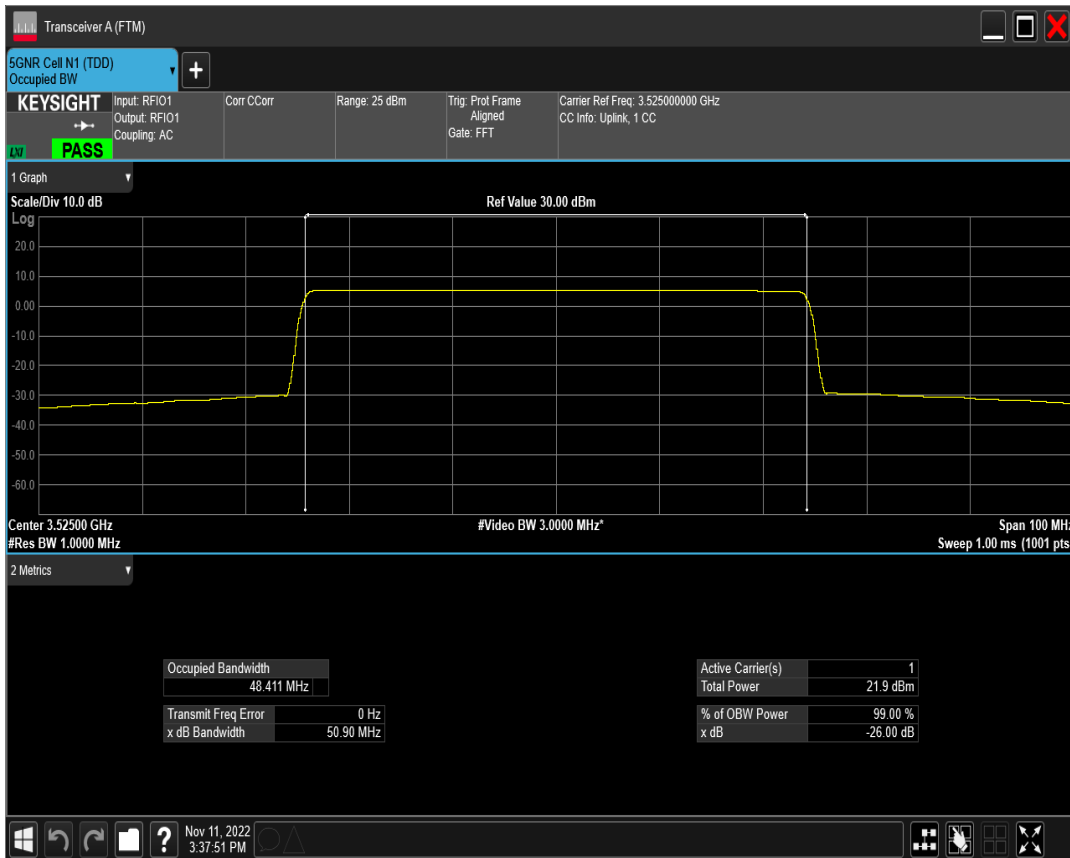
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=270@0



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



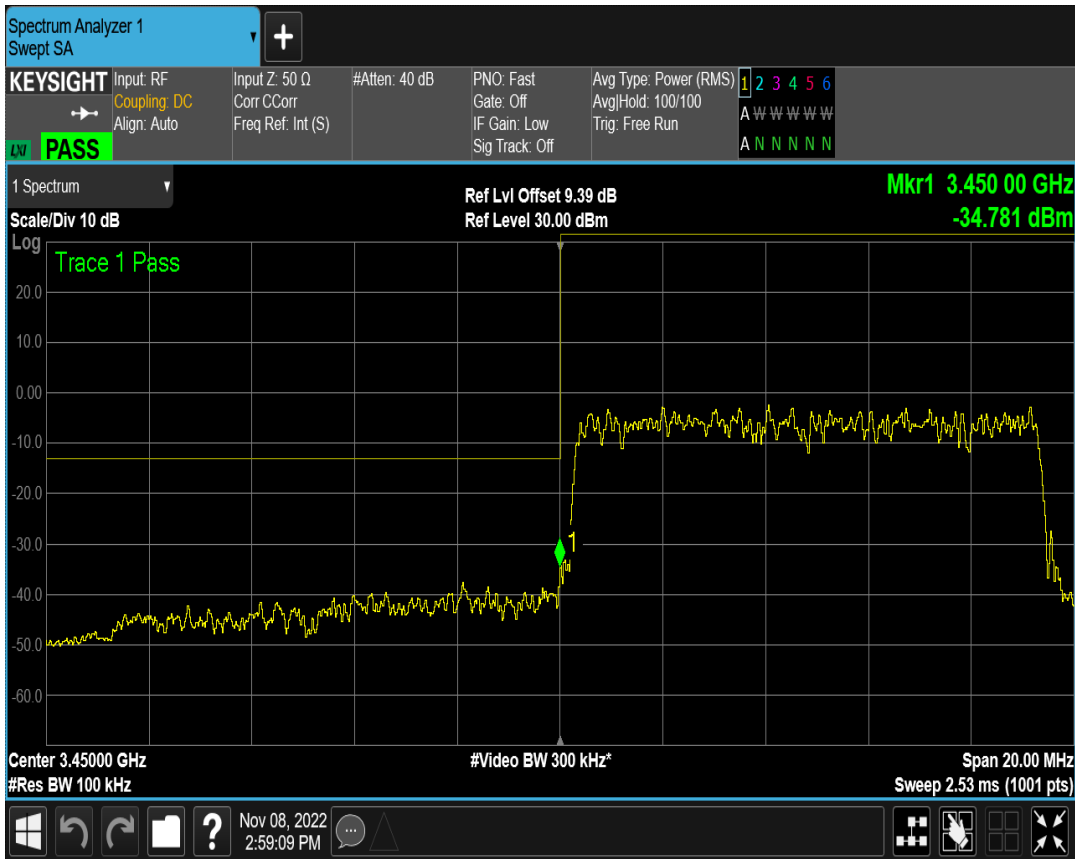
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=635000 RB=270@0



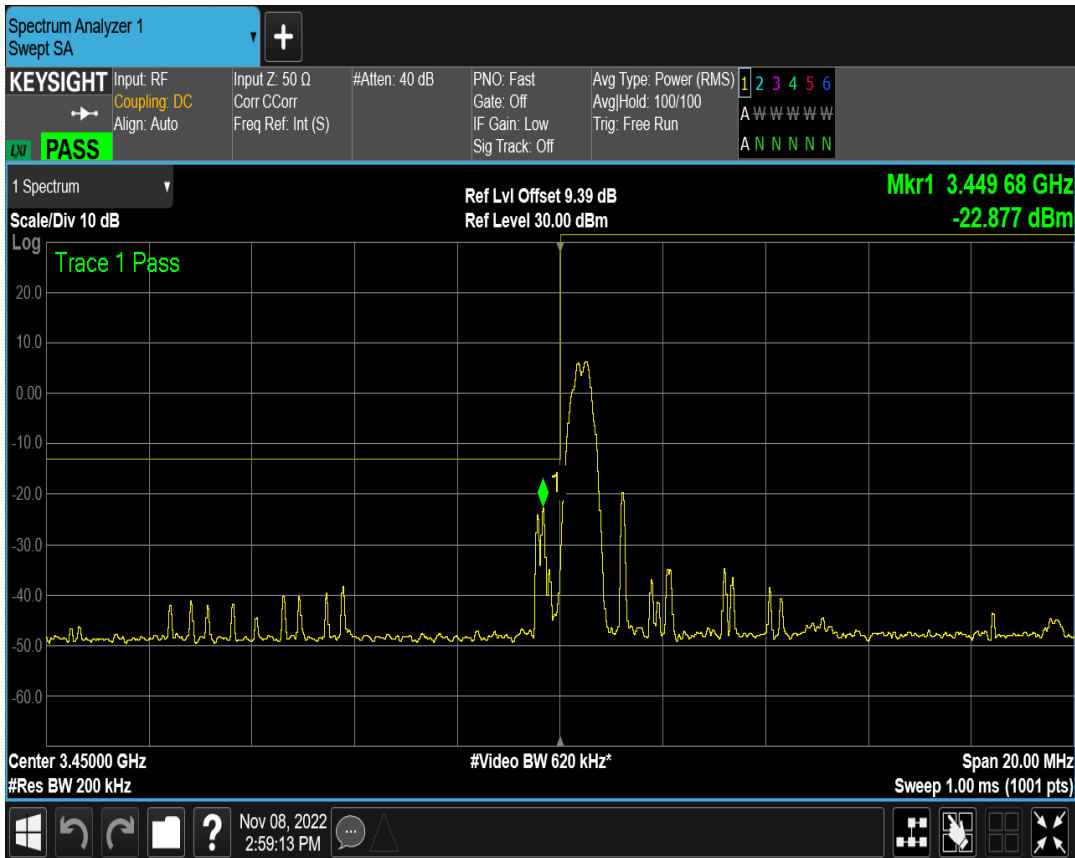
## 5 Band edge for NR FR1

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	3450.00	-34.78	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.68	-22.87	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3550.34	-40.16	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.22	-20.91	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3449.80	-31.44	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3448.70	-36.07	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-33.29	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.40	-31.11	-13	PASS

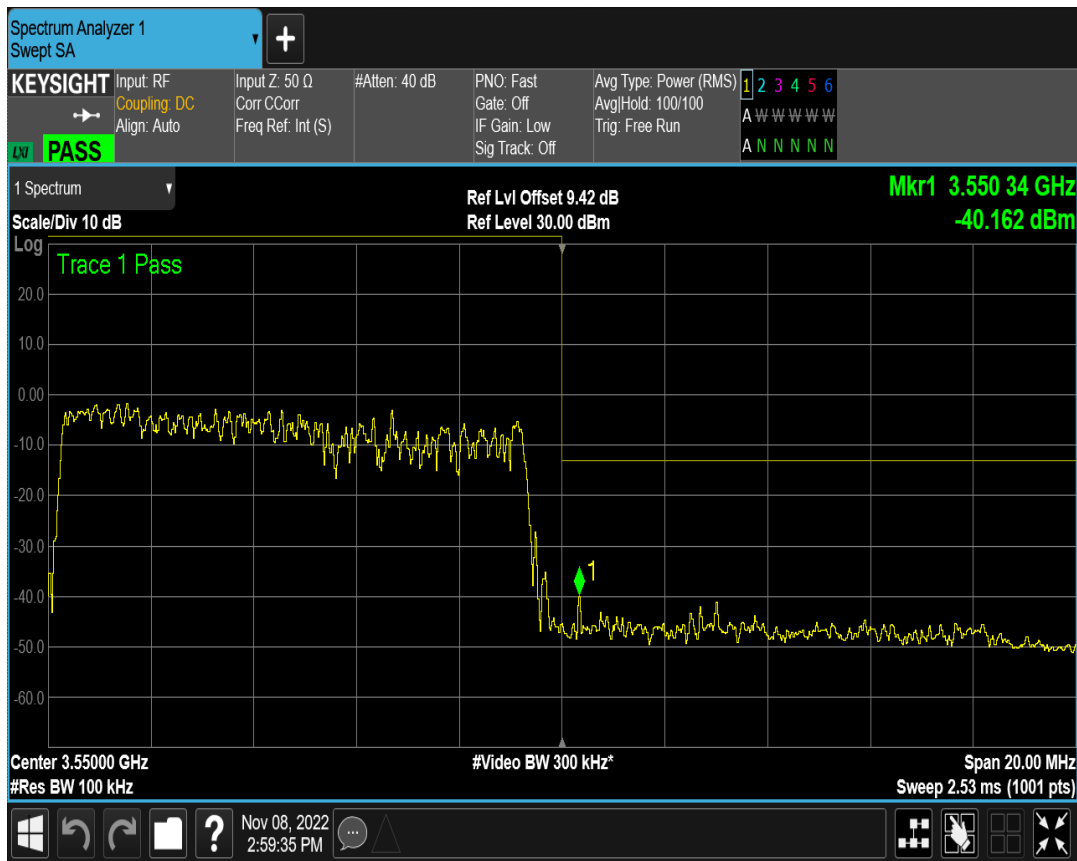
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



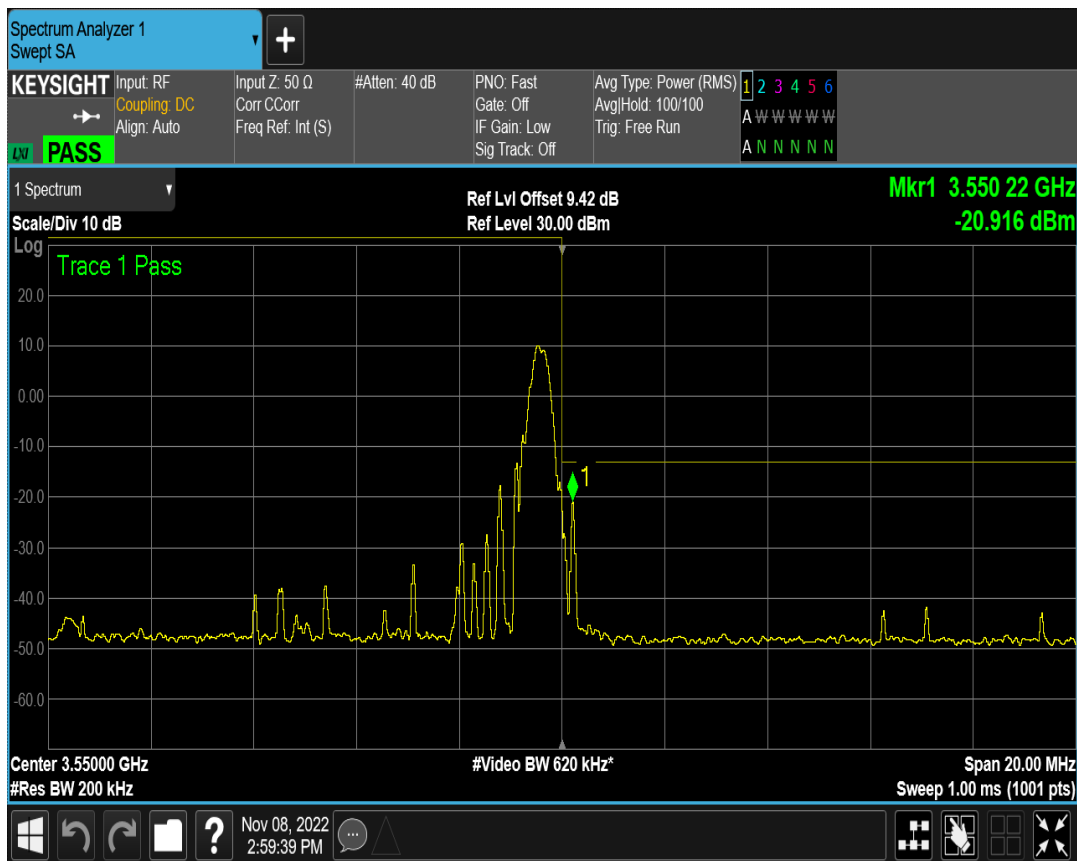
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



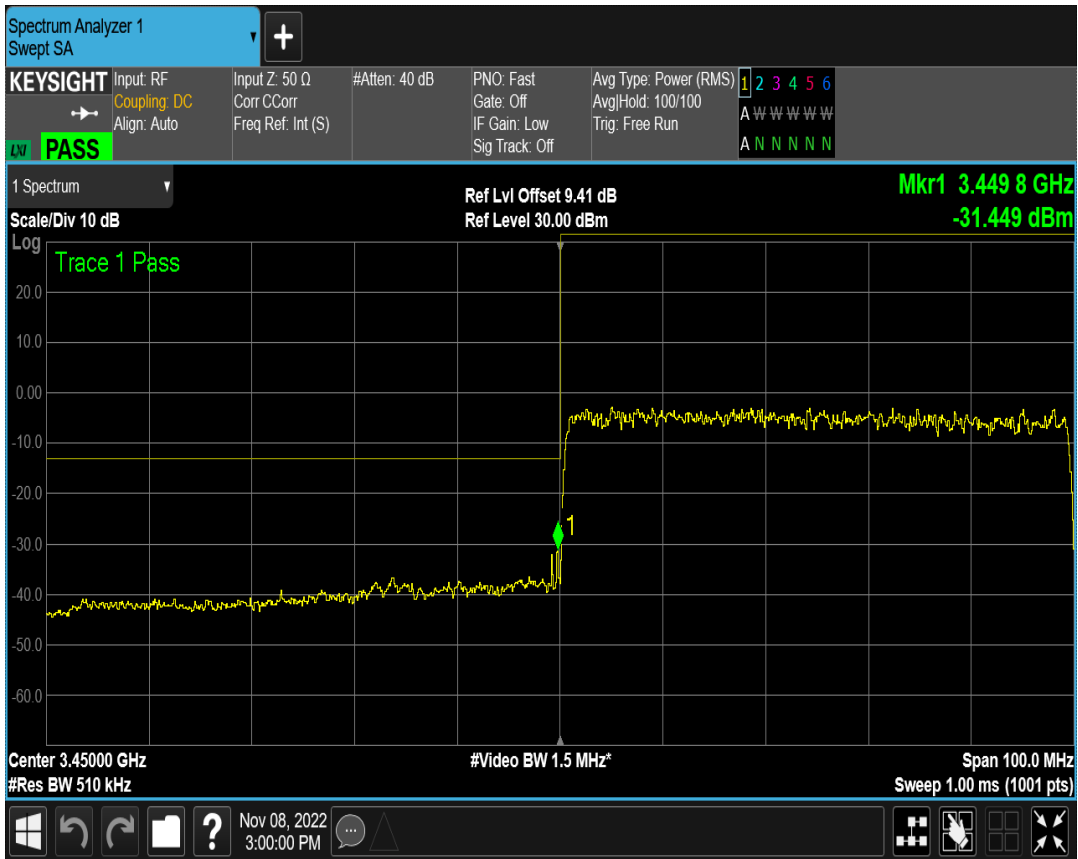
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



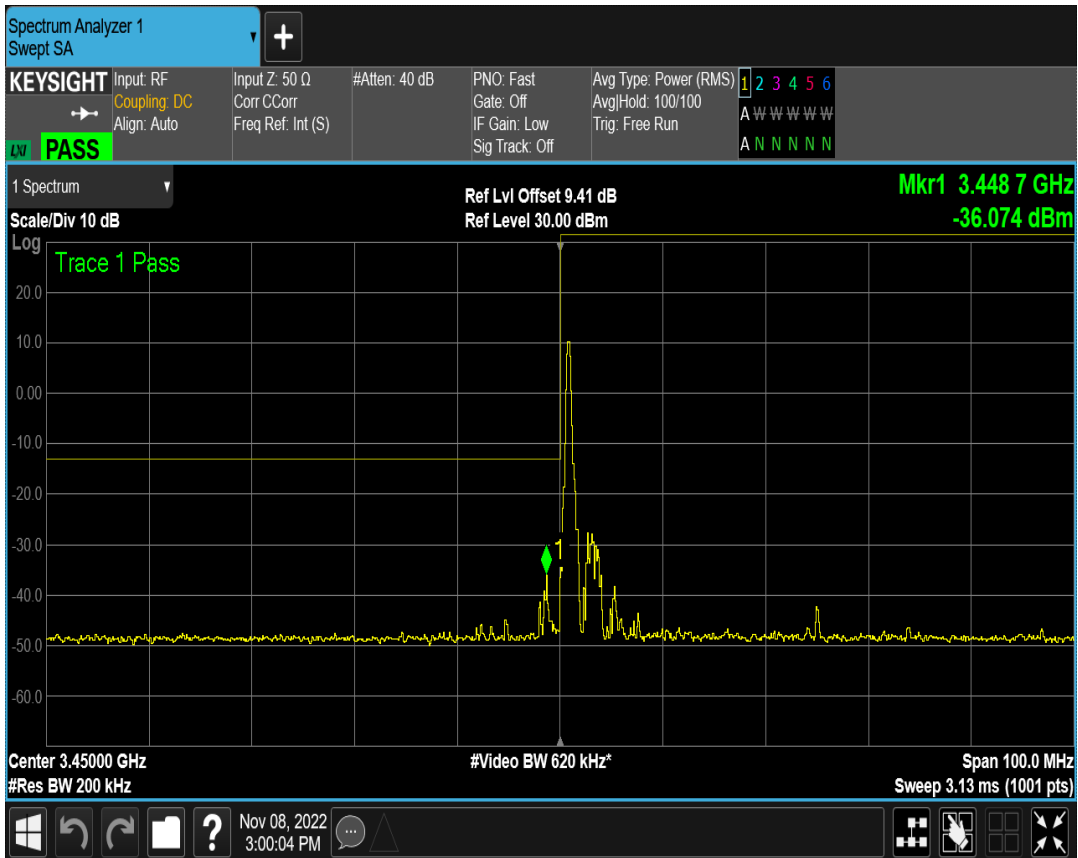
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



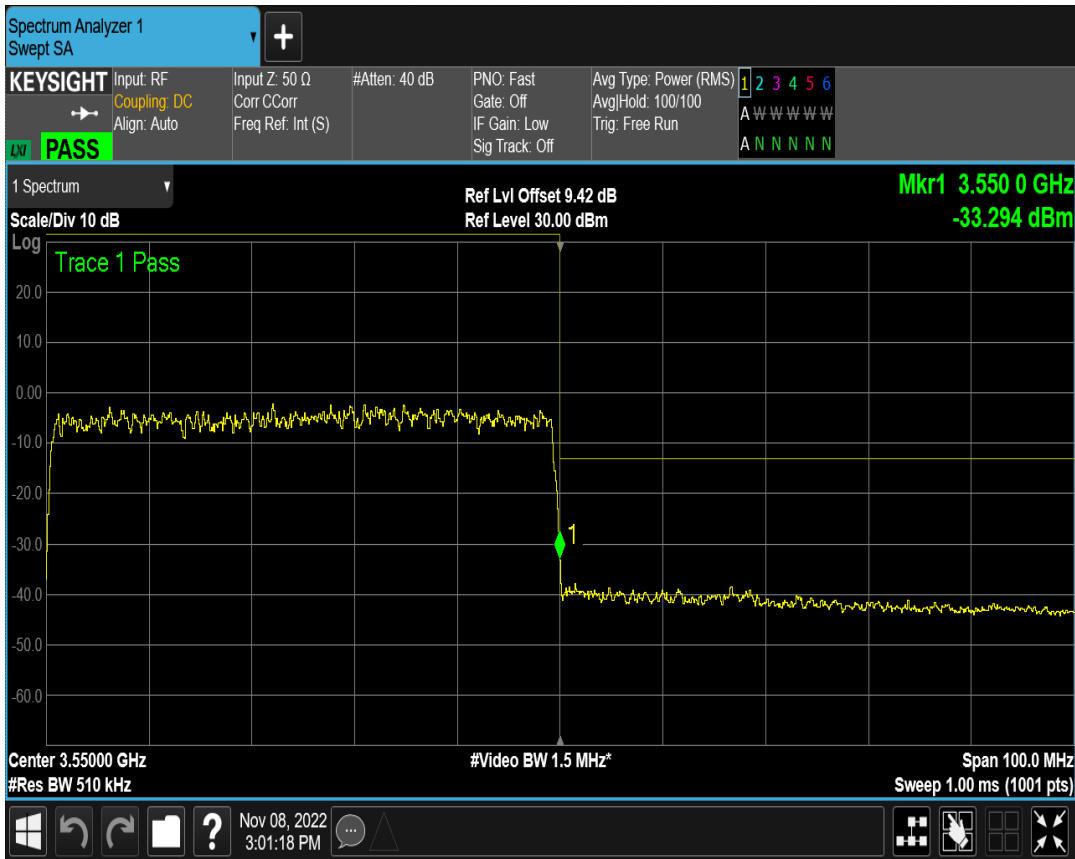
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



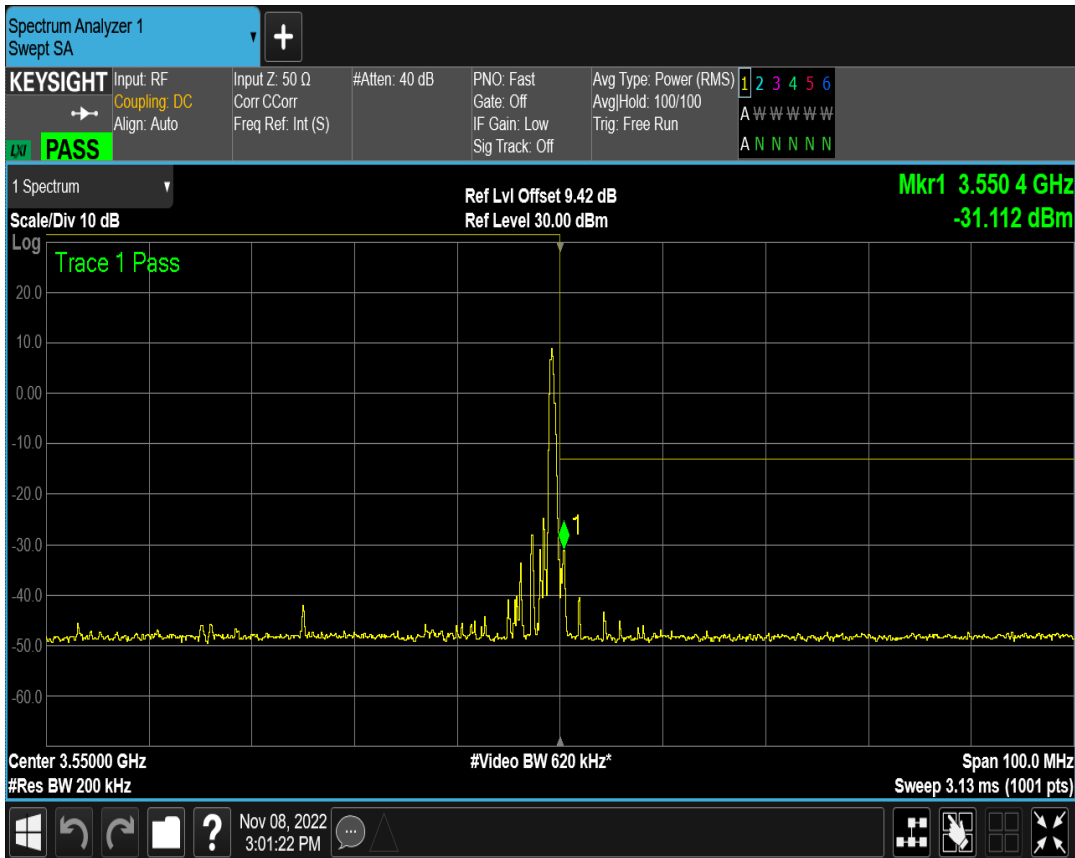
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0



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

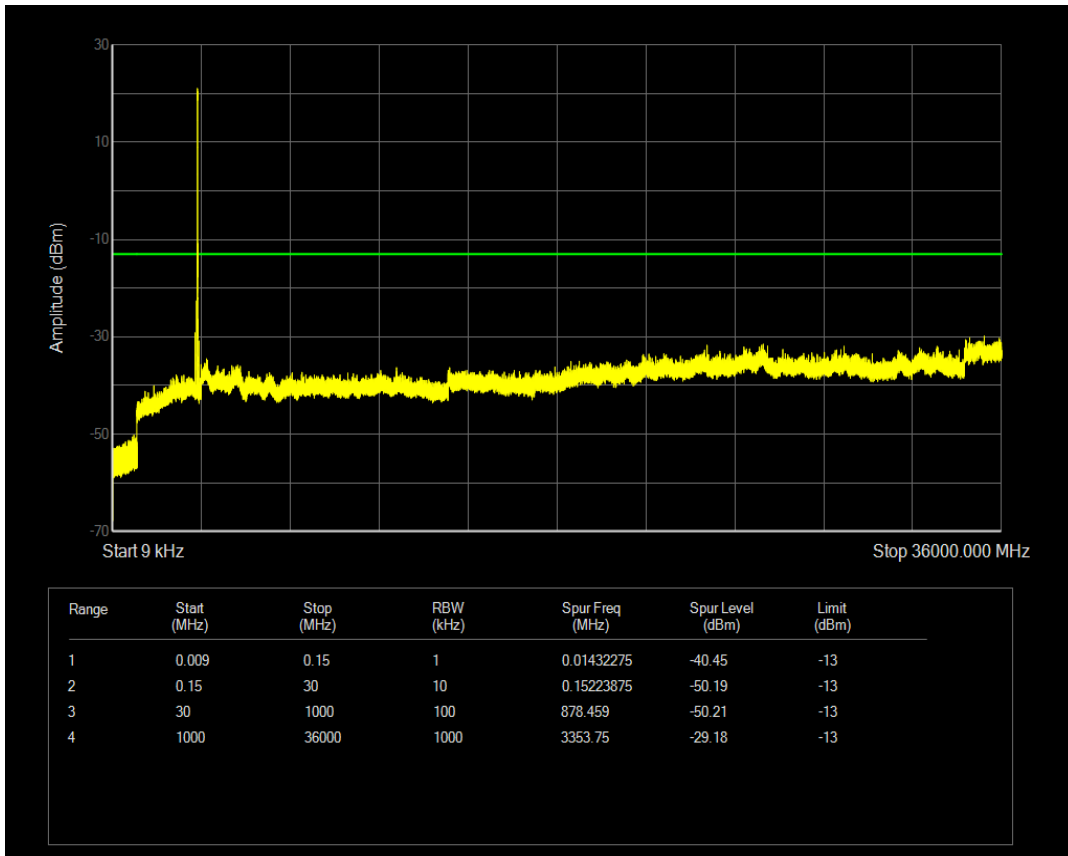




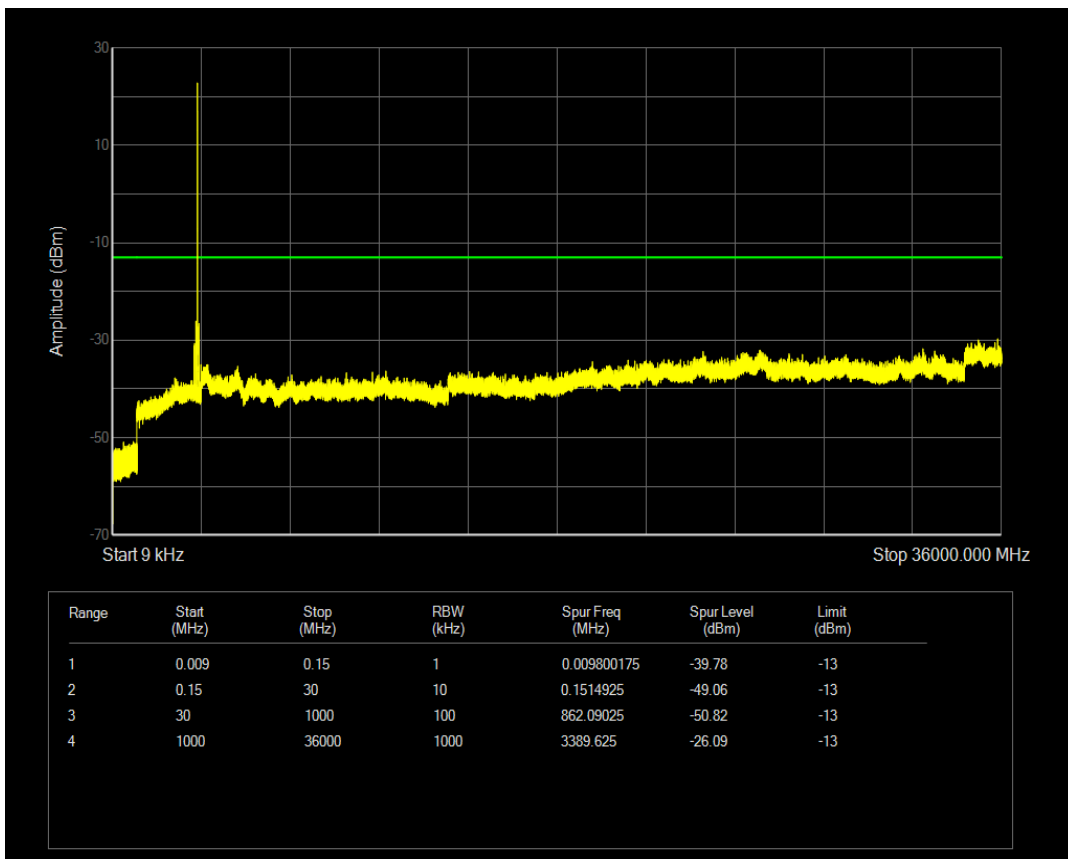
## 6 Out-of-band emissions for NR FR1

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	3353.75	-29.18	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3389.63	-26.09	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	3390.50	-27.54	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	35172.25	-29.12	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	35138.13	-29.18	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	35076.00	-29.97	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	35174.00	-30.44	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	3612.75	-27.09	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3597.88	-24.99	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	35912.50	-30.27	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	35100.50	-30.33	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	34901.00	-29.82	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	34990.25	-30.38	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	35541.50	-28.91	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	35134.63	-29.84	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	35058.50	-28.84	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	35103.13	-30.06	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	34634.13	-30.04	-13	PASS

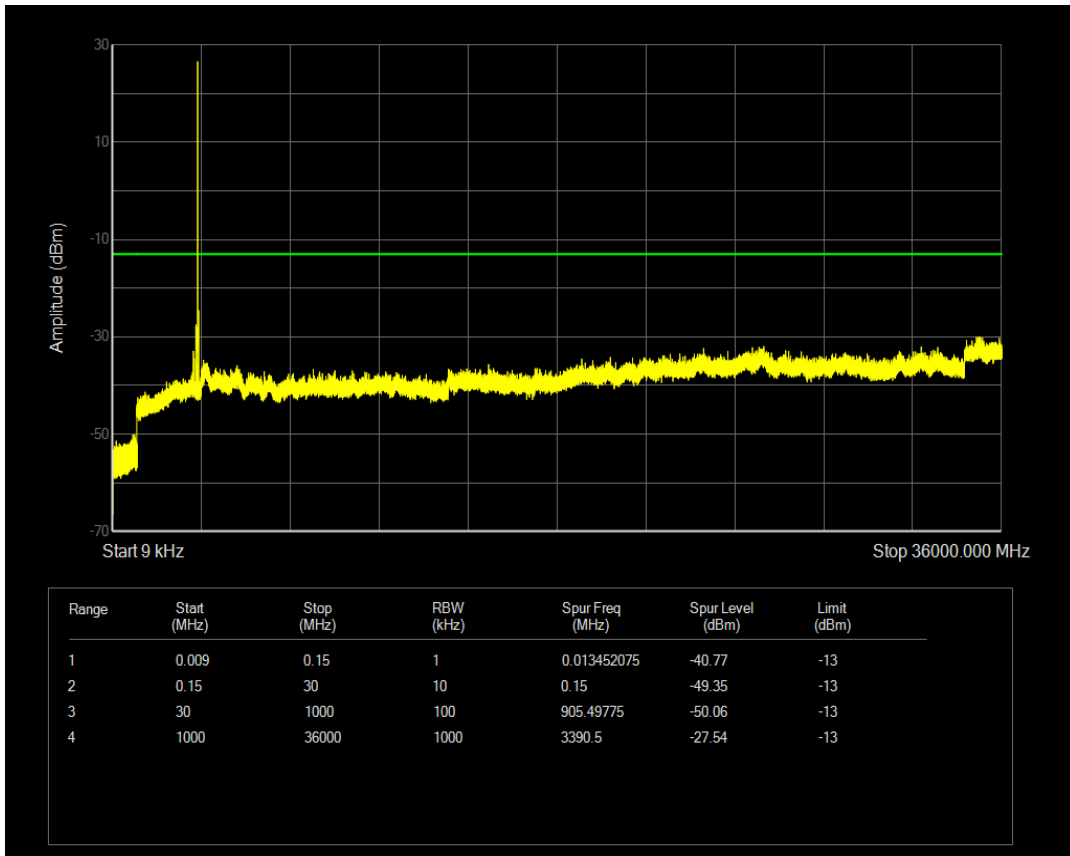
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



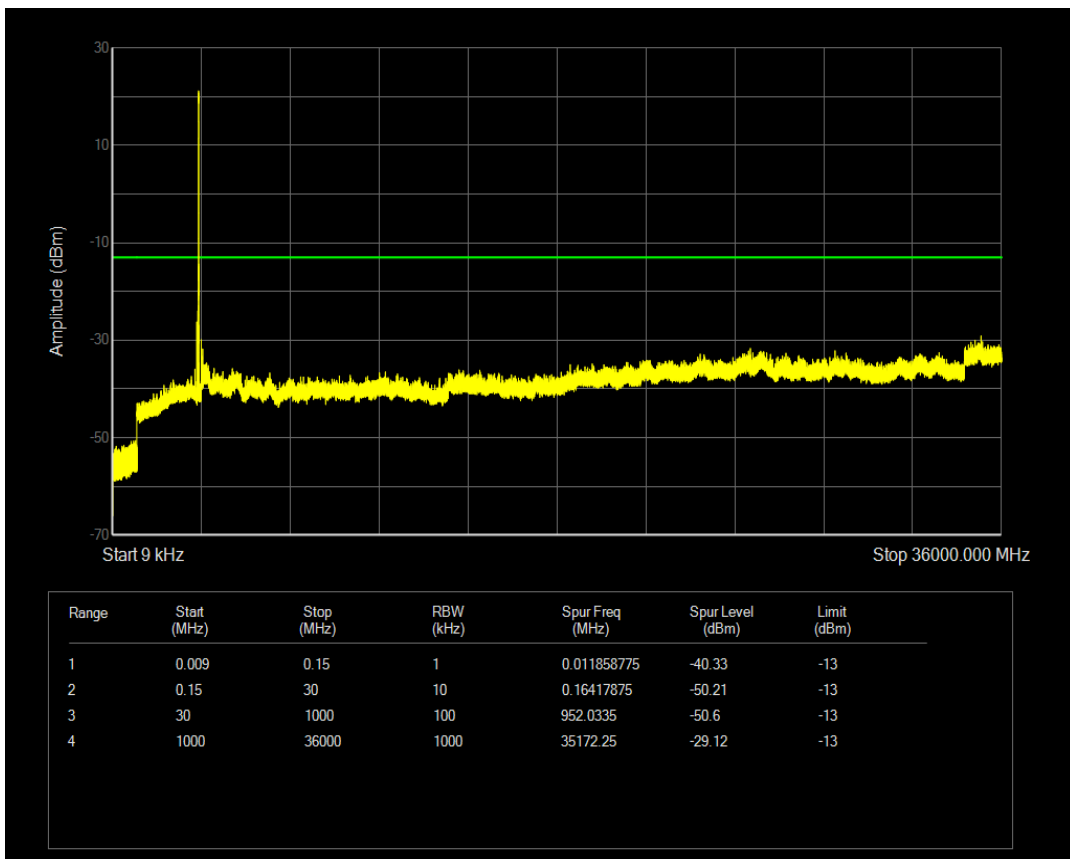
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



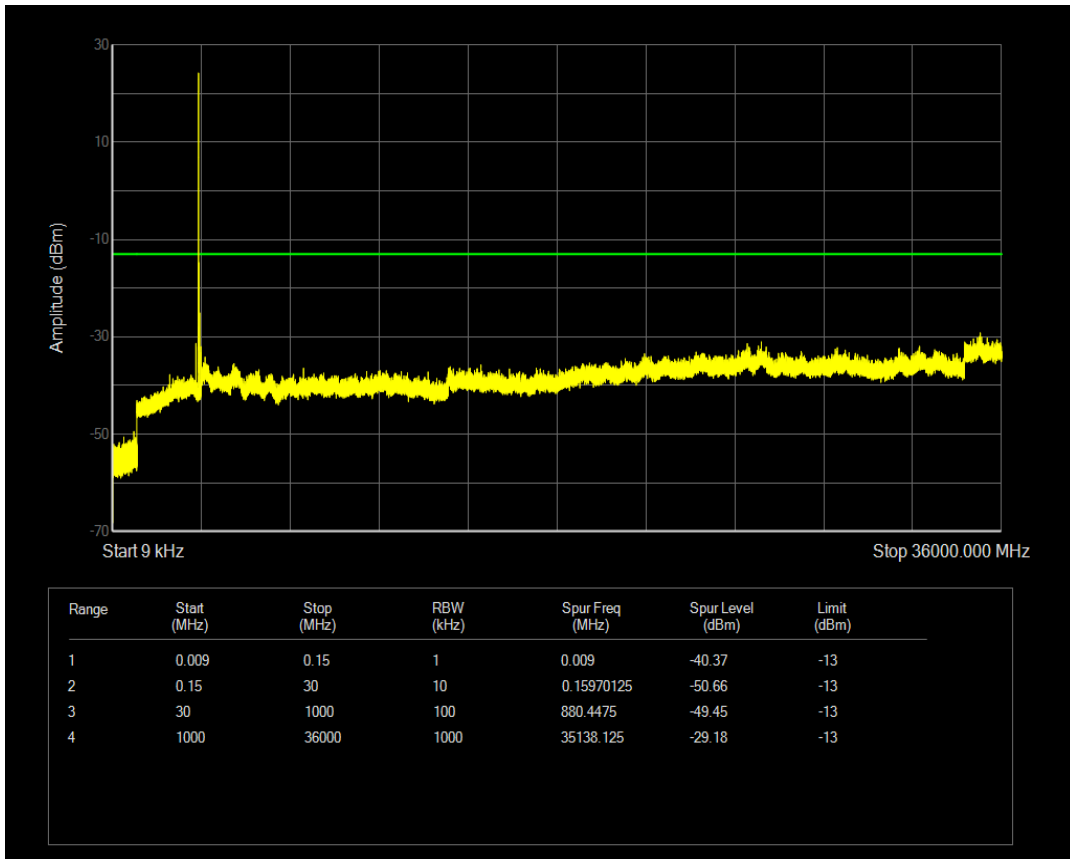
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51



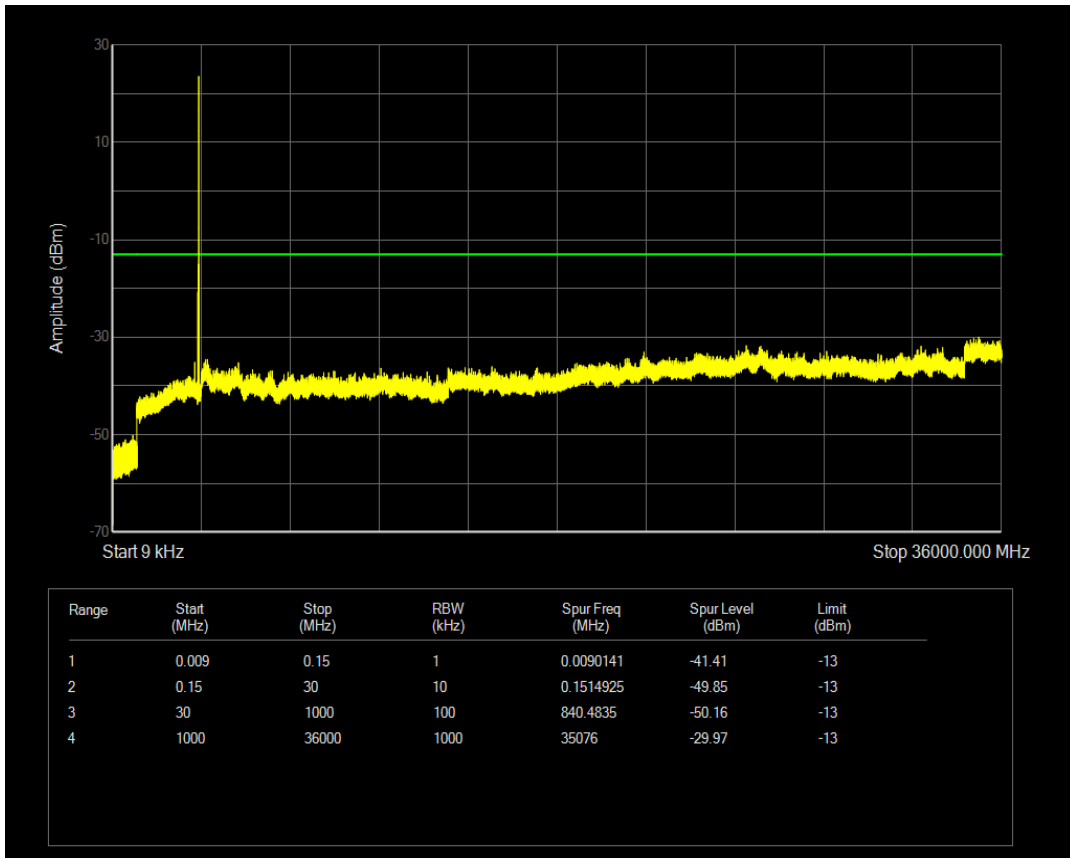
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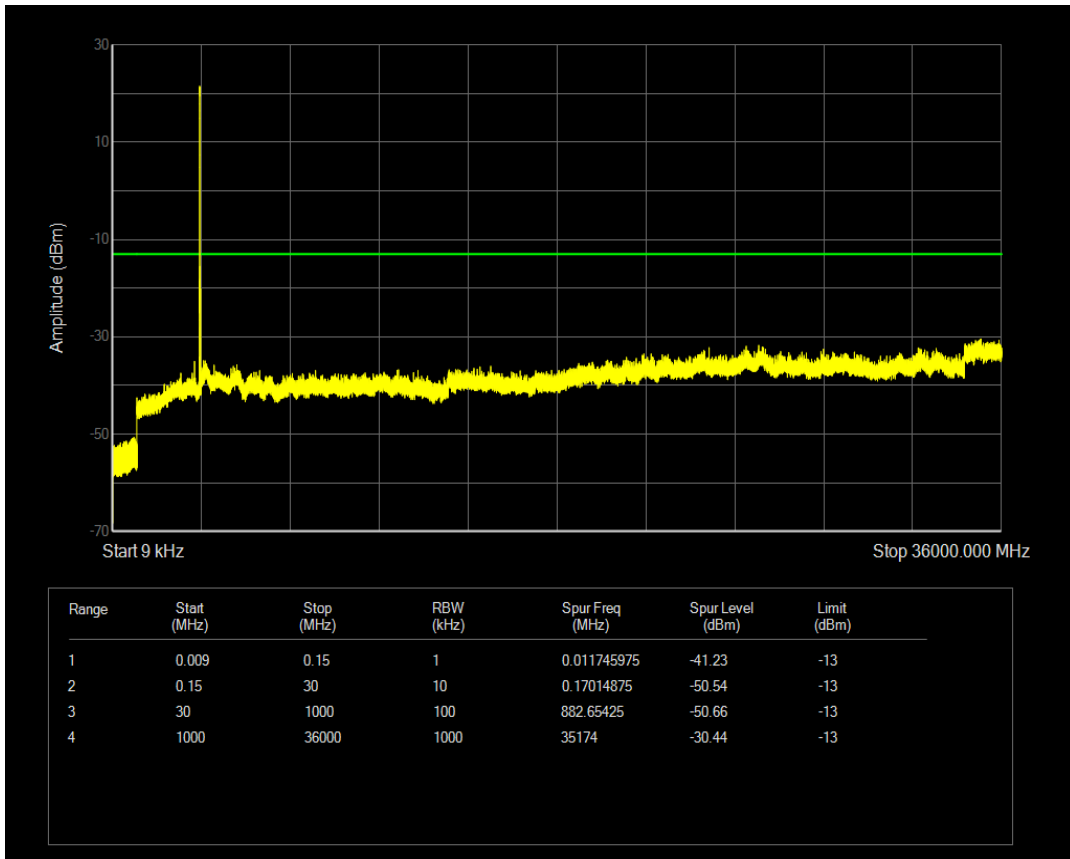
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



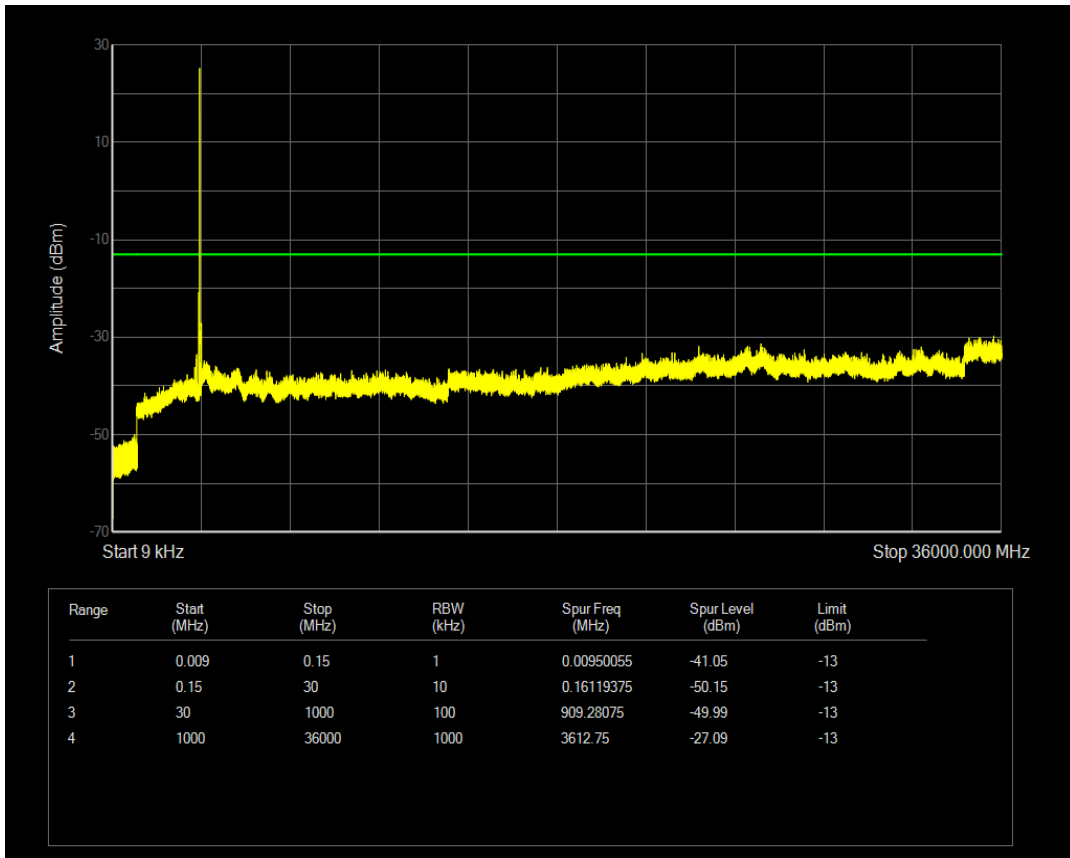
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@51



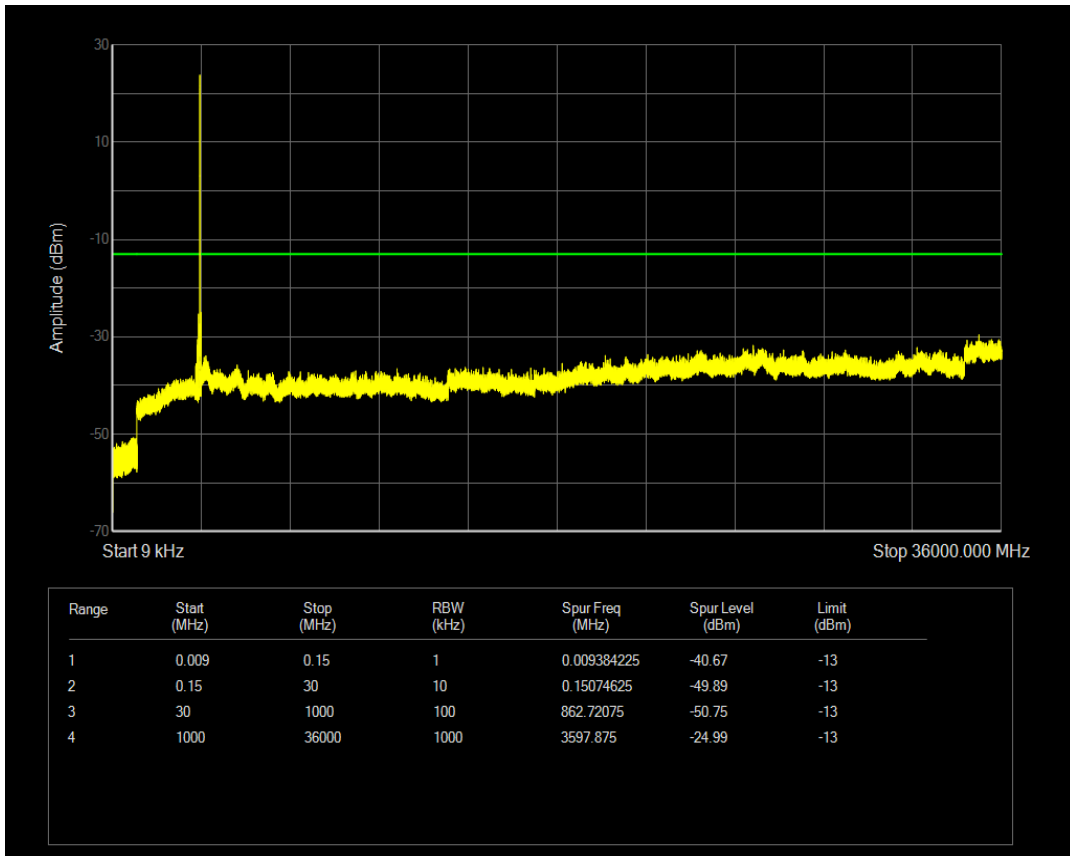
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



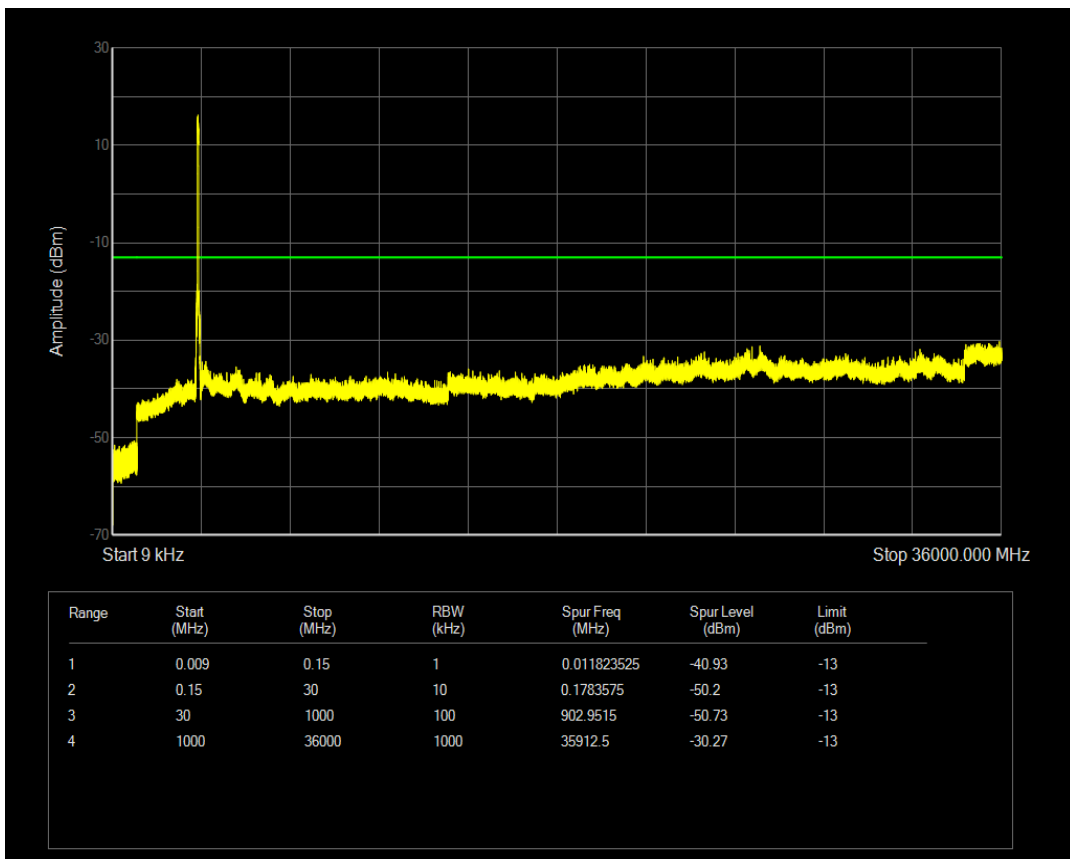
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



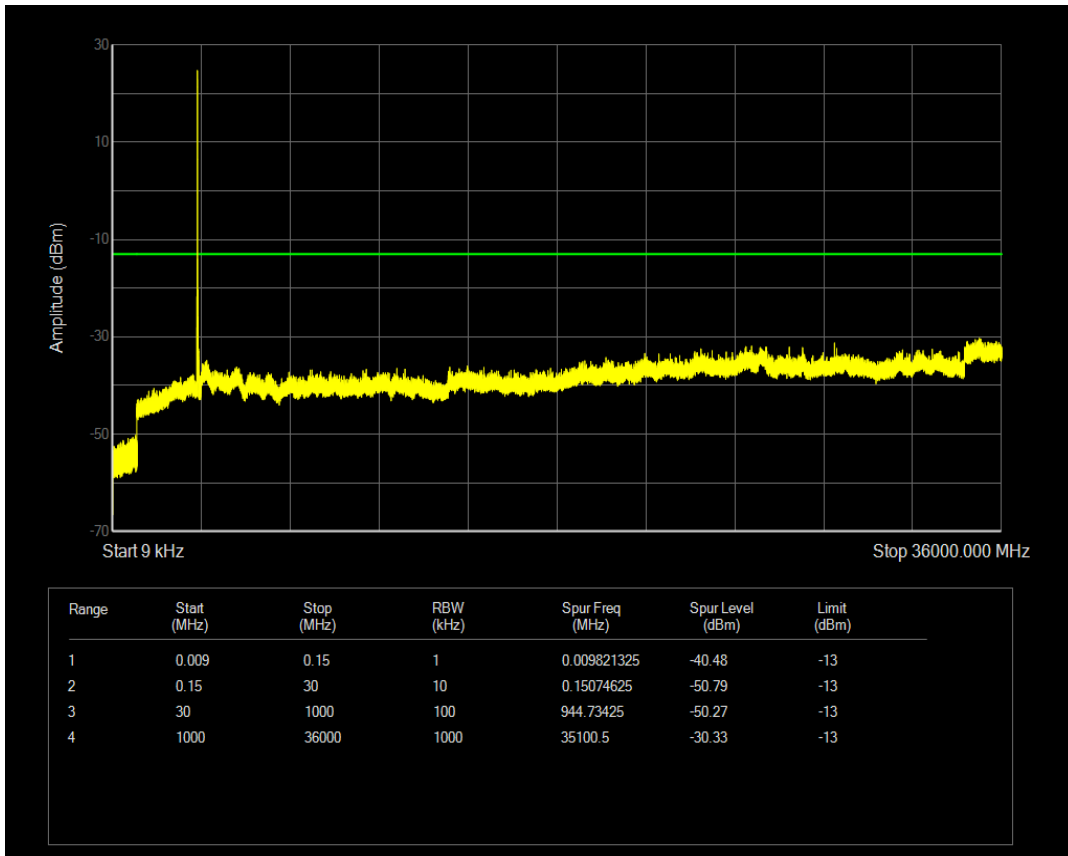
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



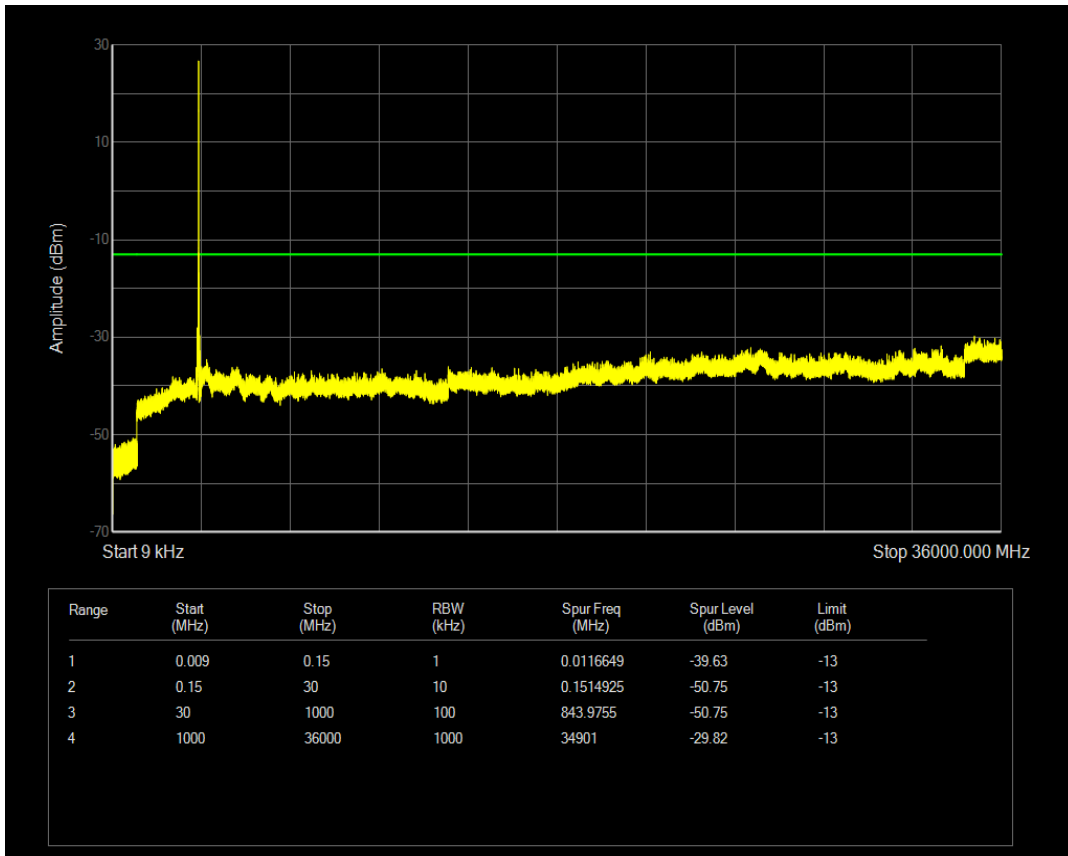
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



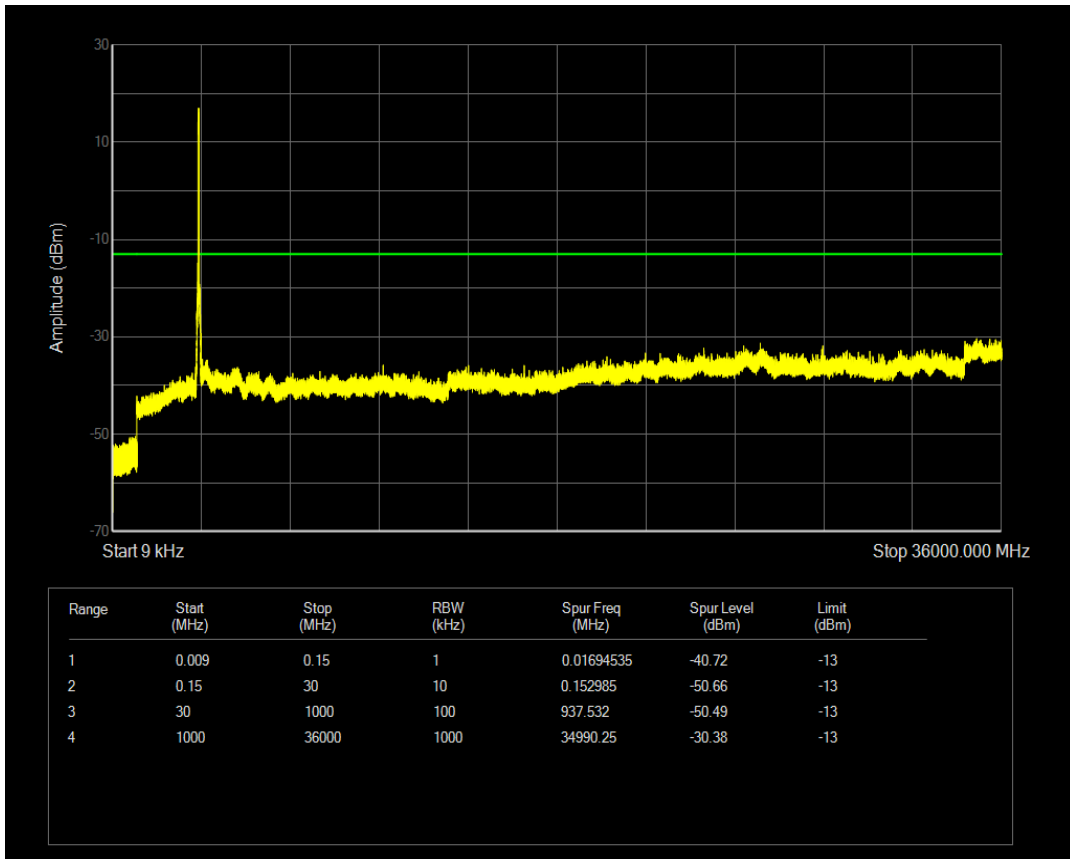
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1 @0



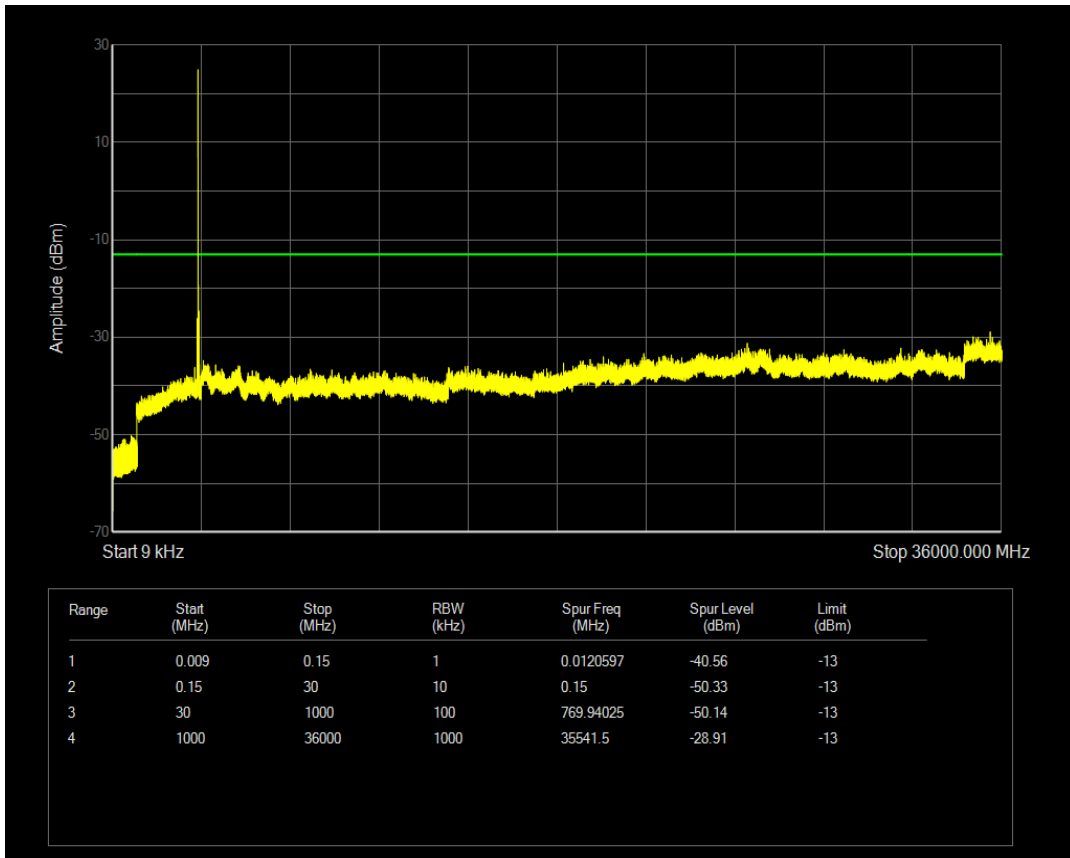
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1 @269



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

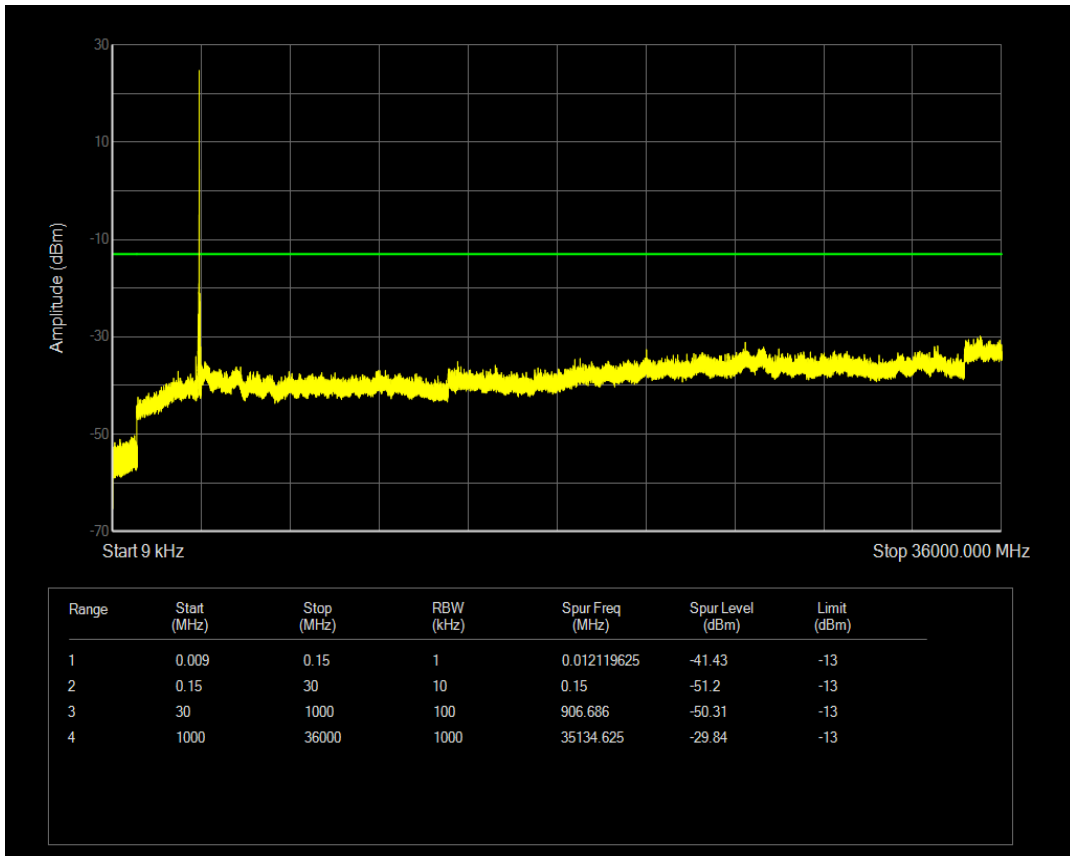


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@0

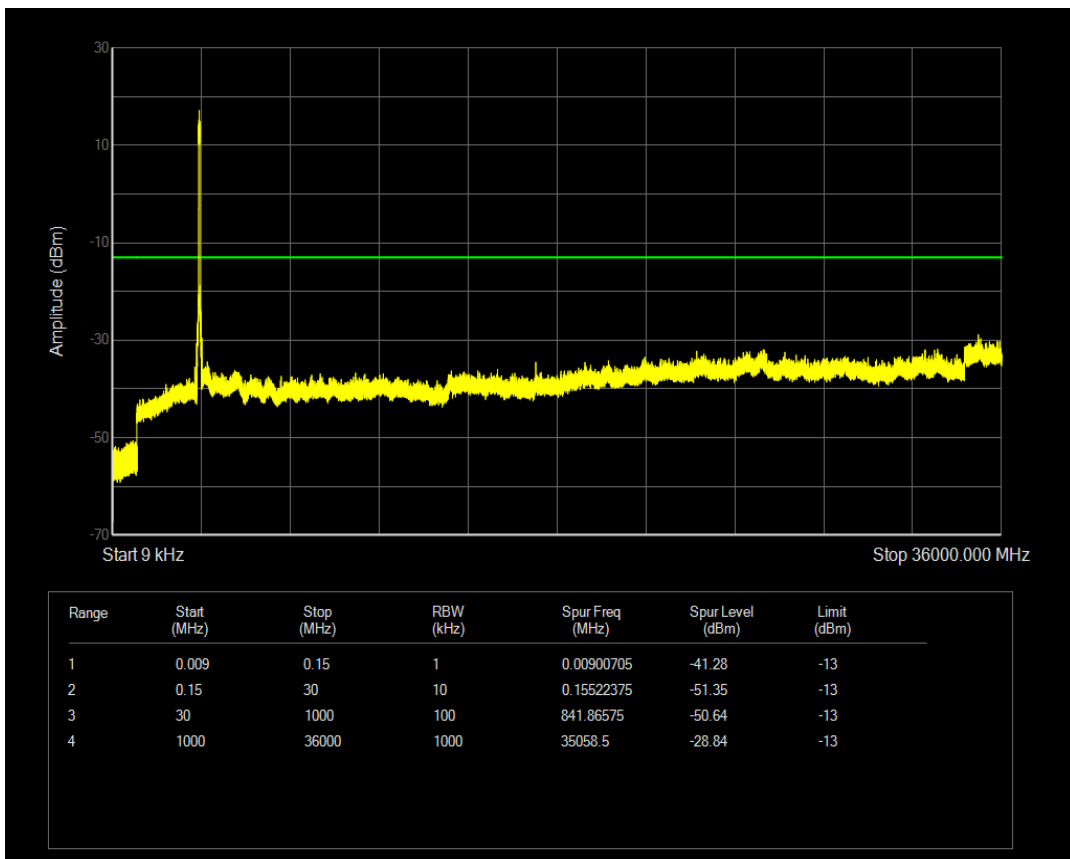




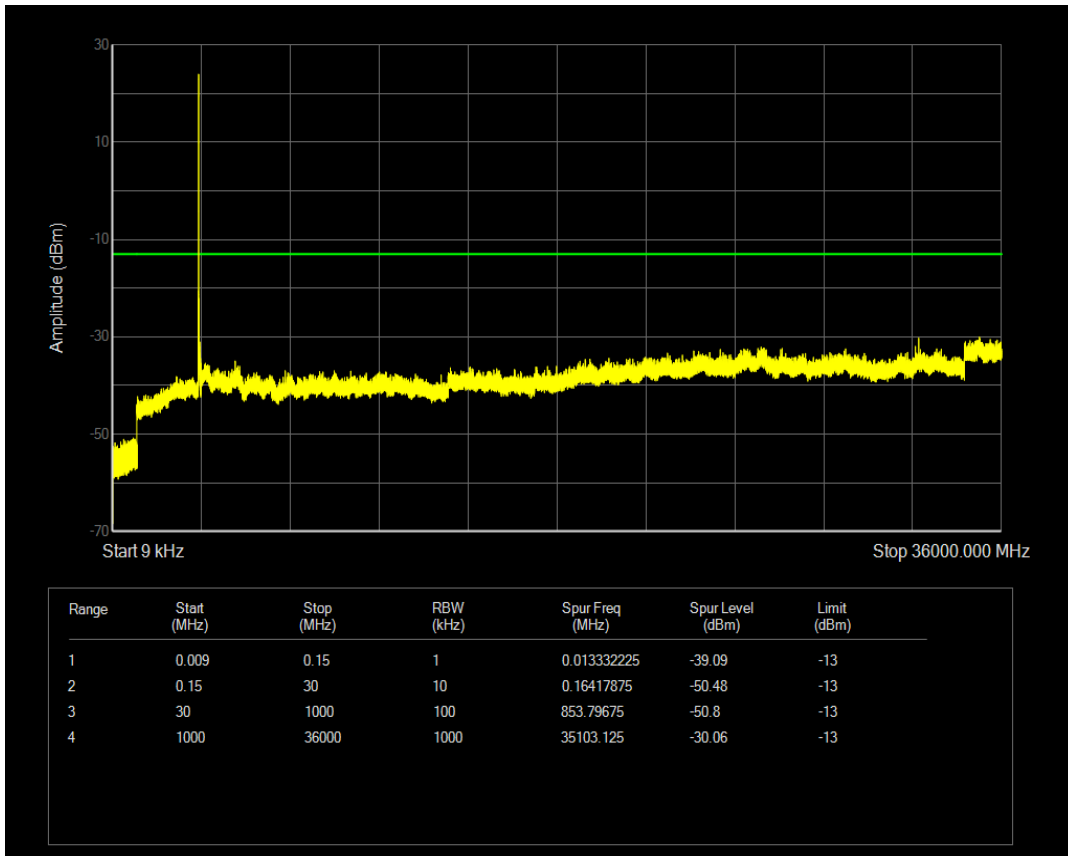
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1 @269



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

