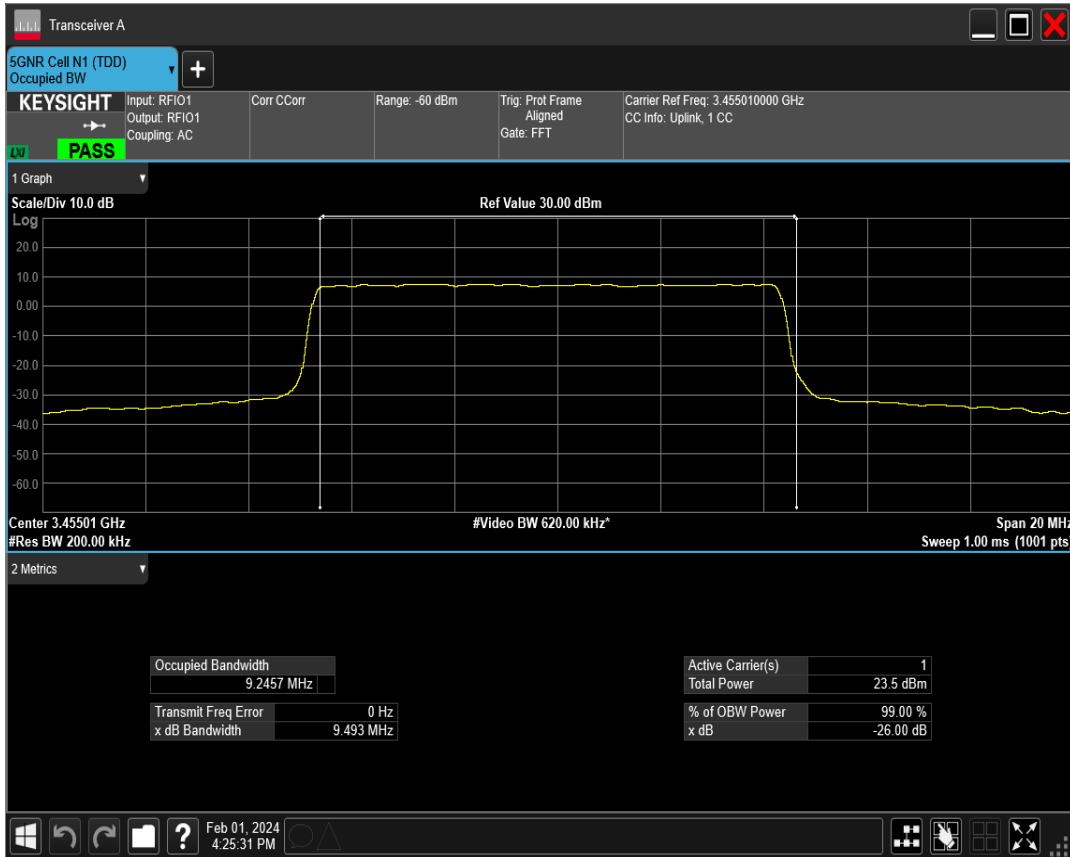
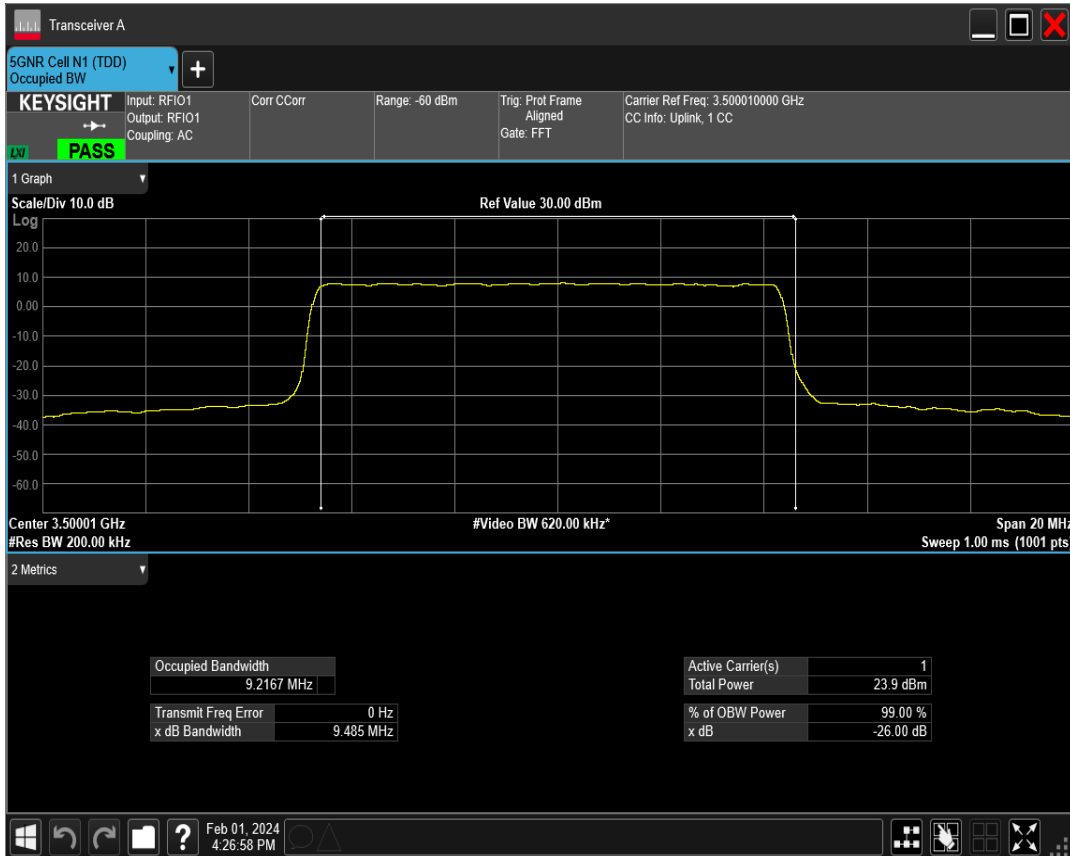


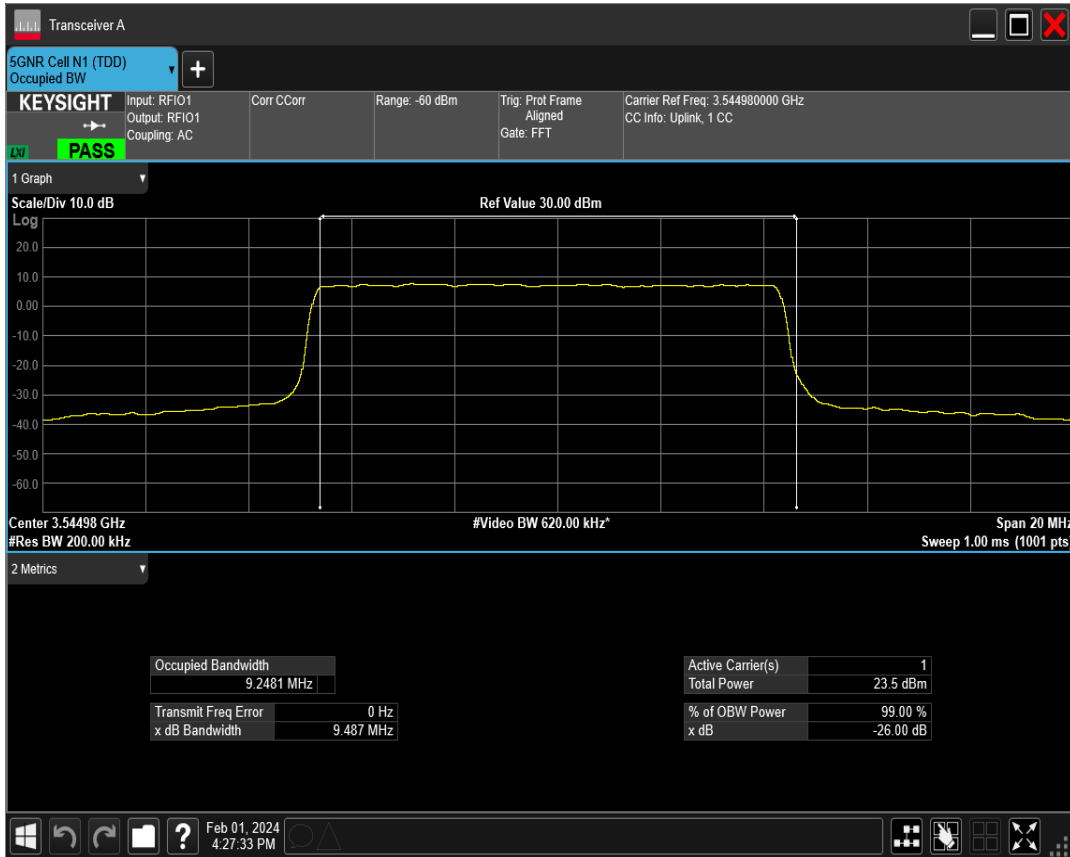
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=630334 RB=50@0



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



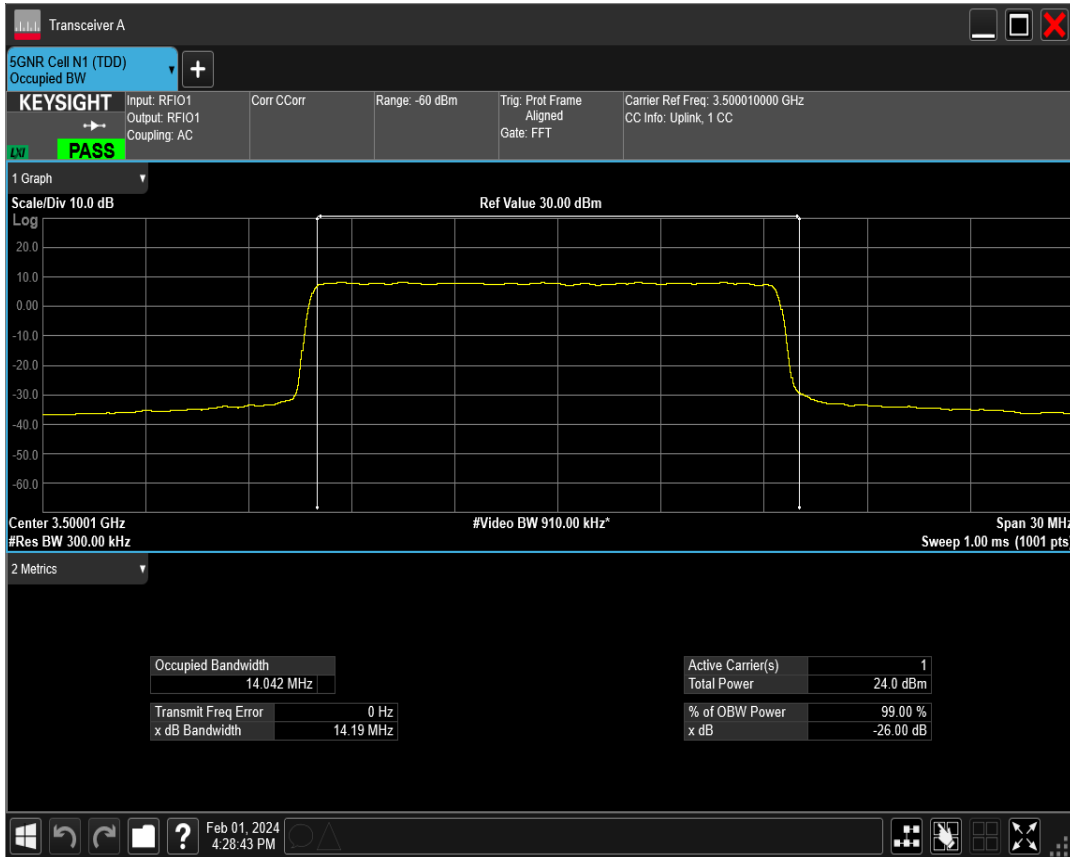
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=636332 RB=50@0



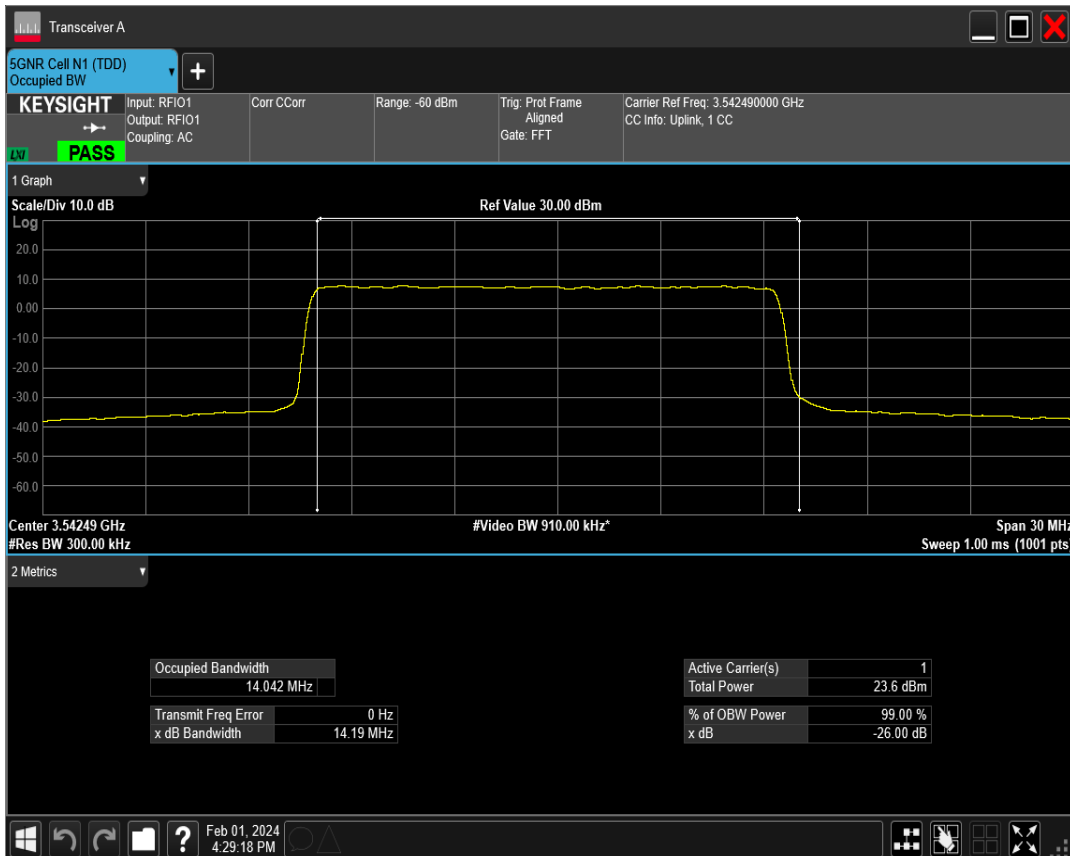
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=630500 RB=75@0



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



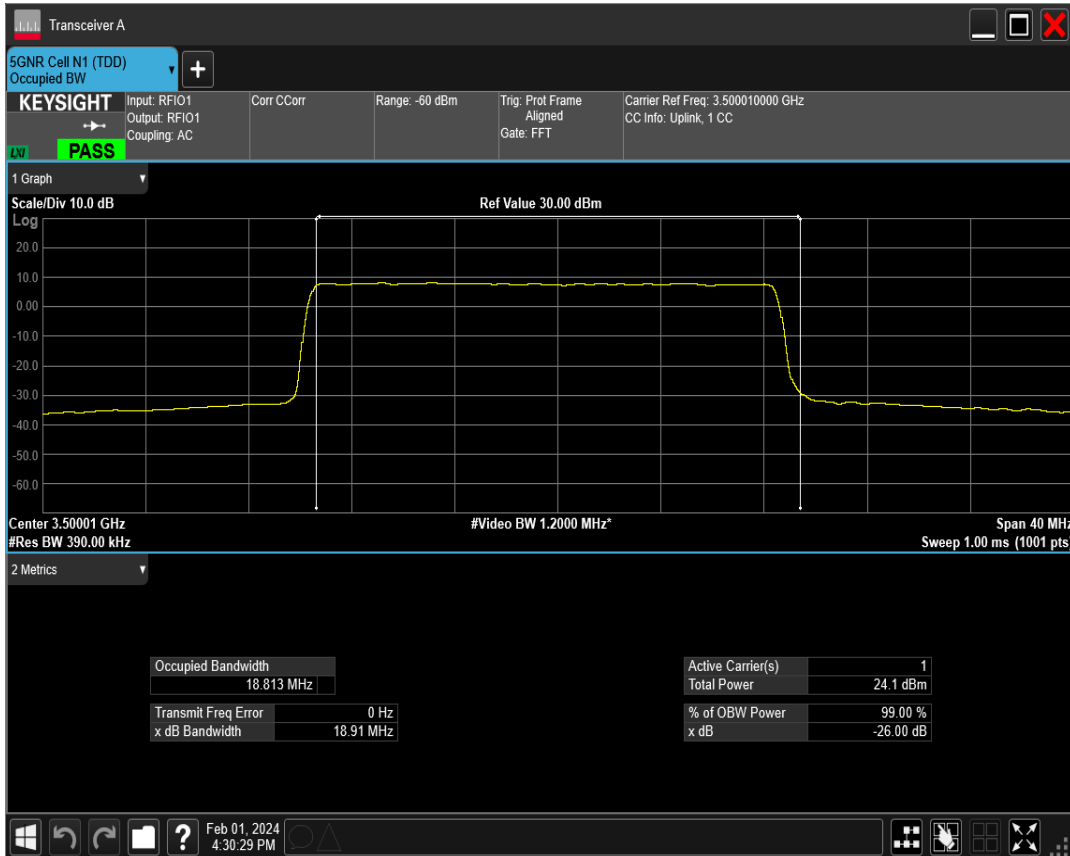
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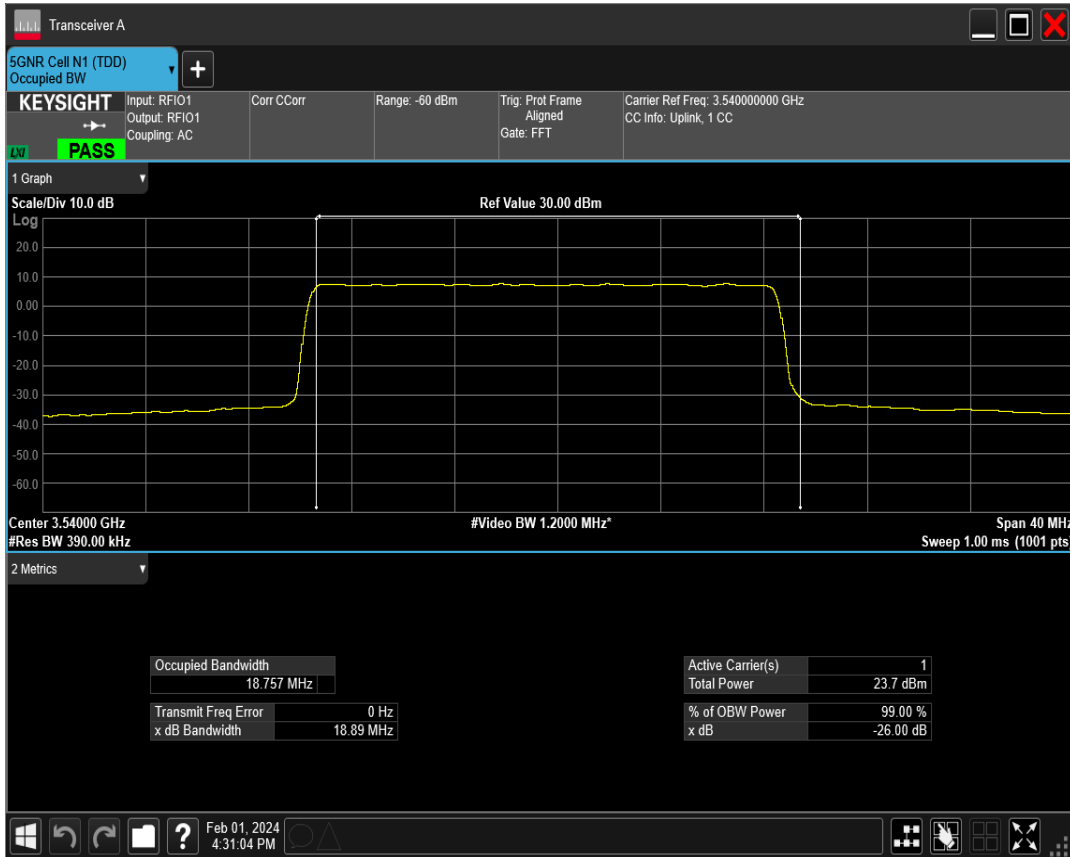
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=630668 RB=100@0



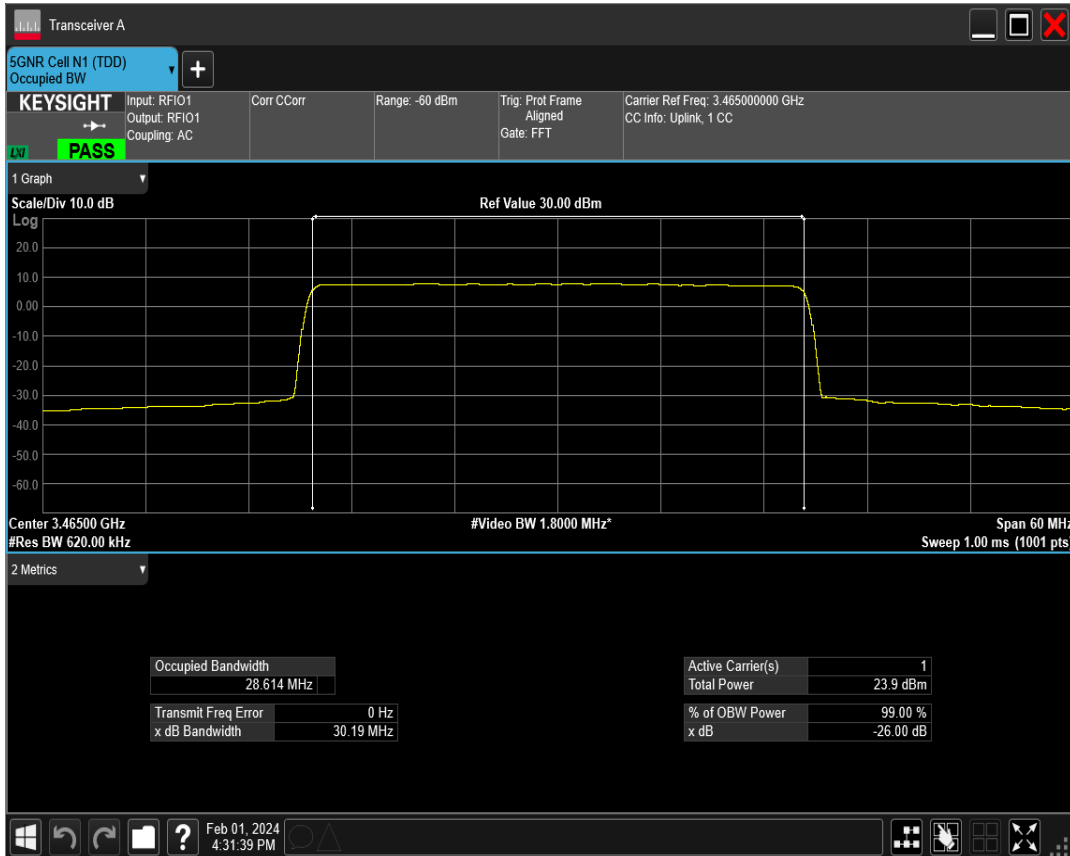
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=100@0



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



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



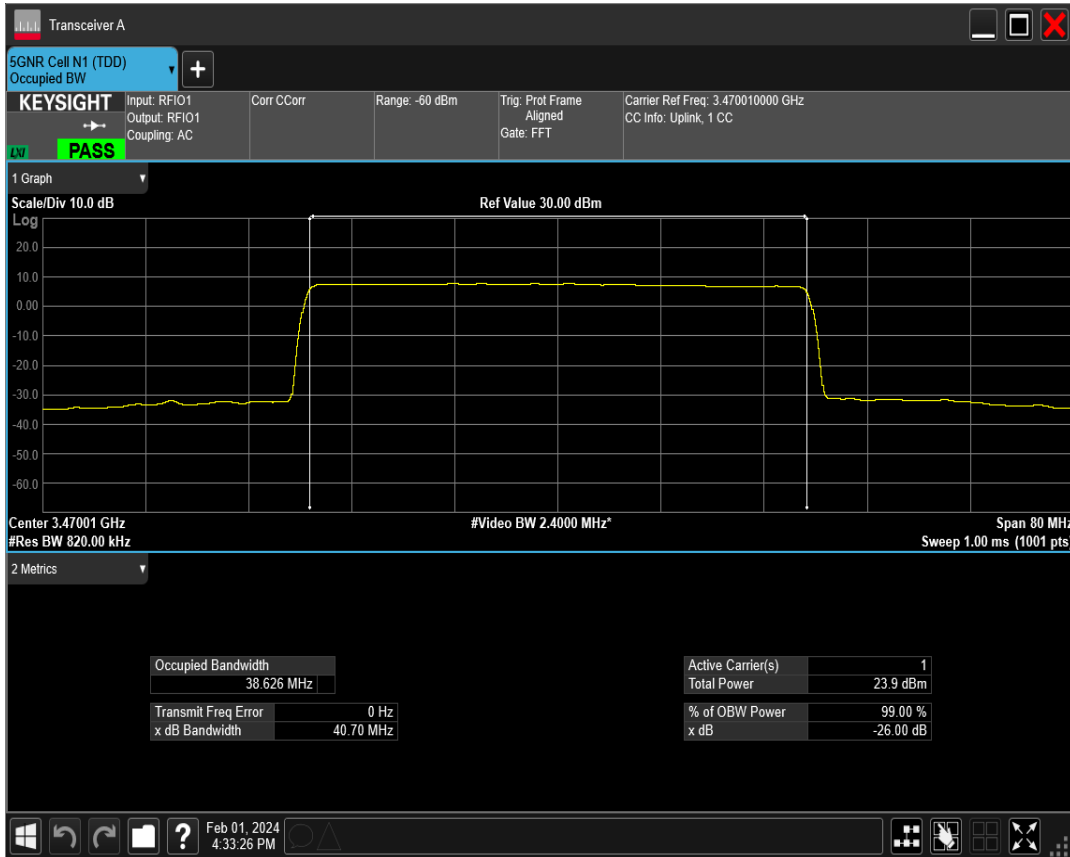
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=160@0



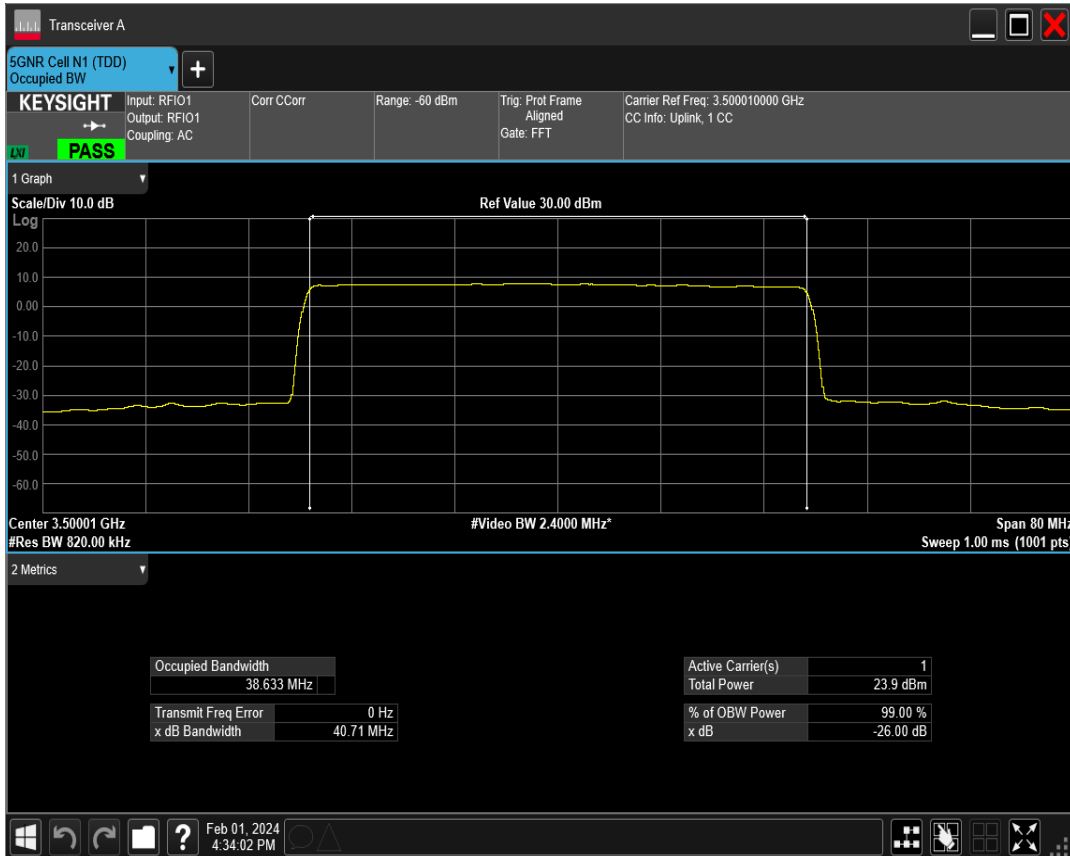
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=635666 RB=160@0



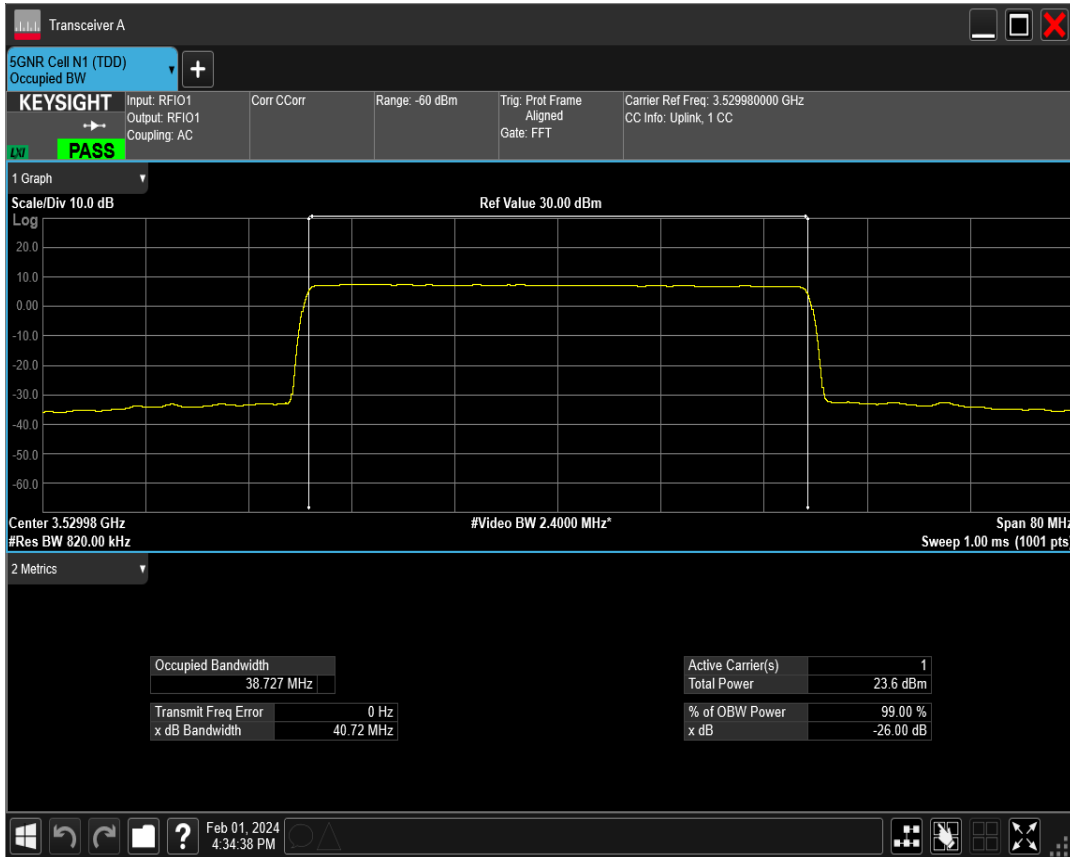
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=631334 RB=216@0



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



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

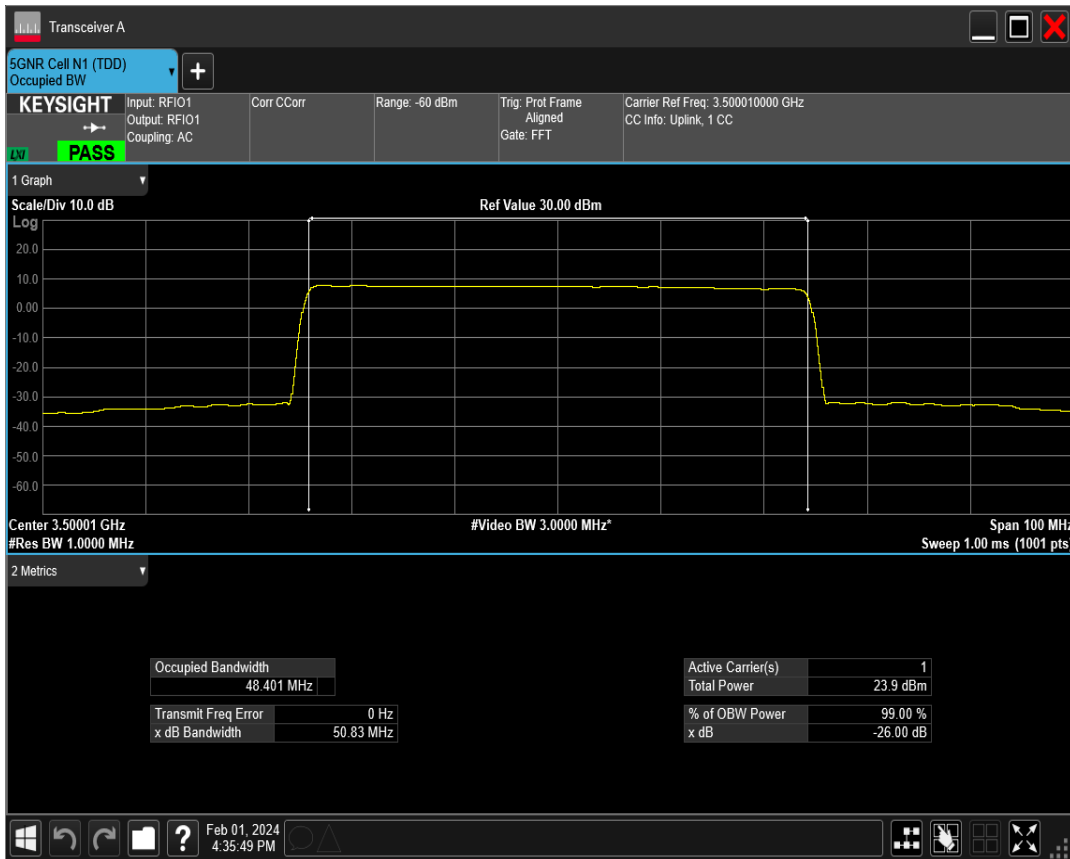


n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=270@0

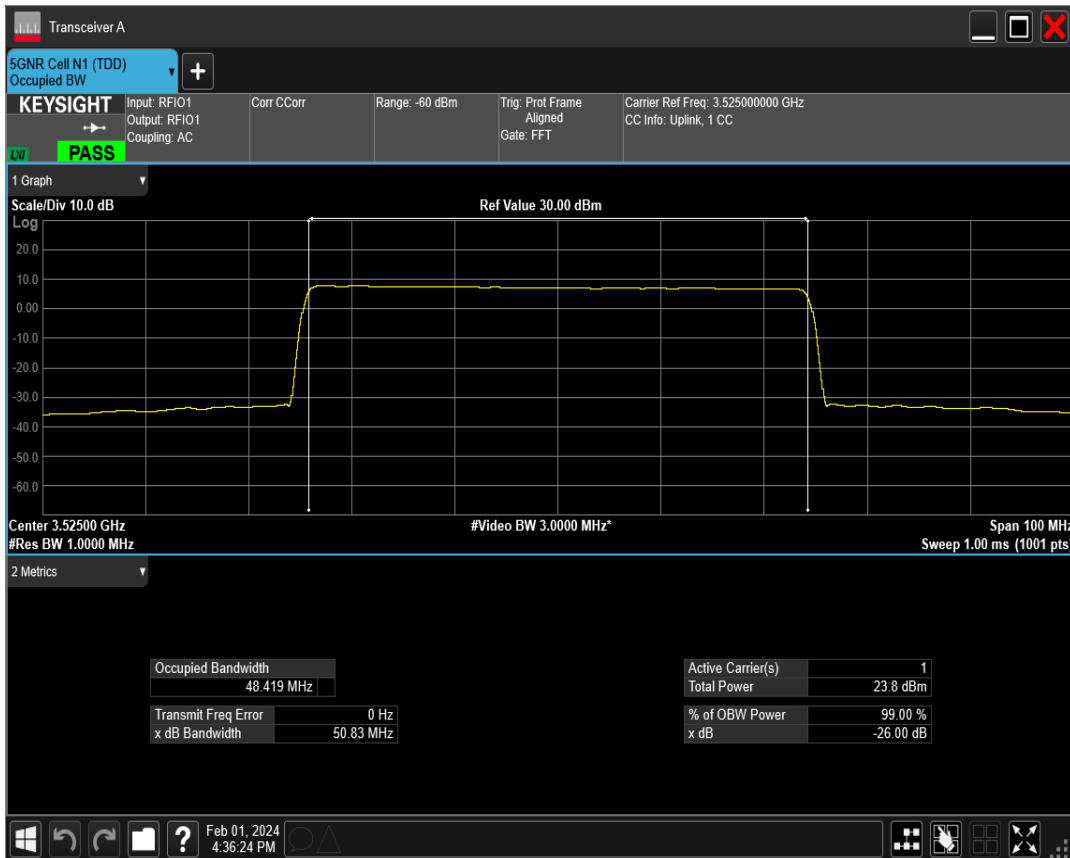




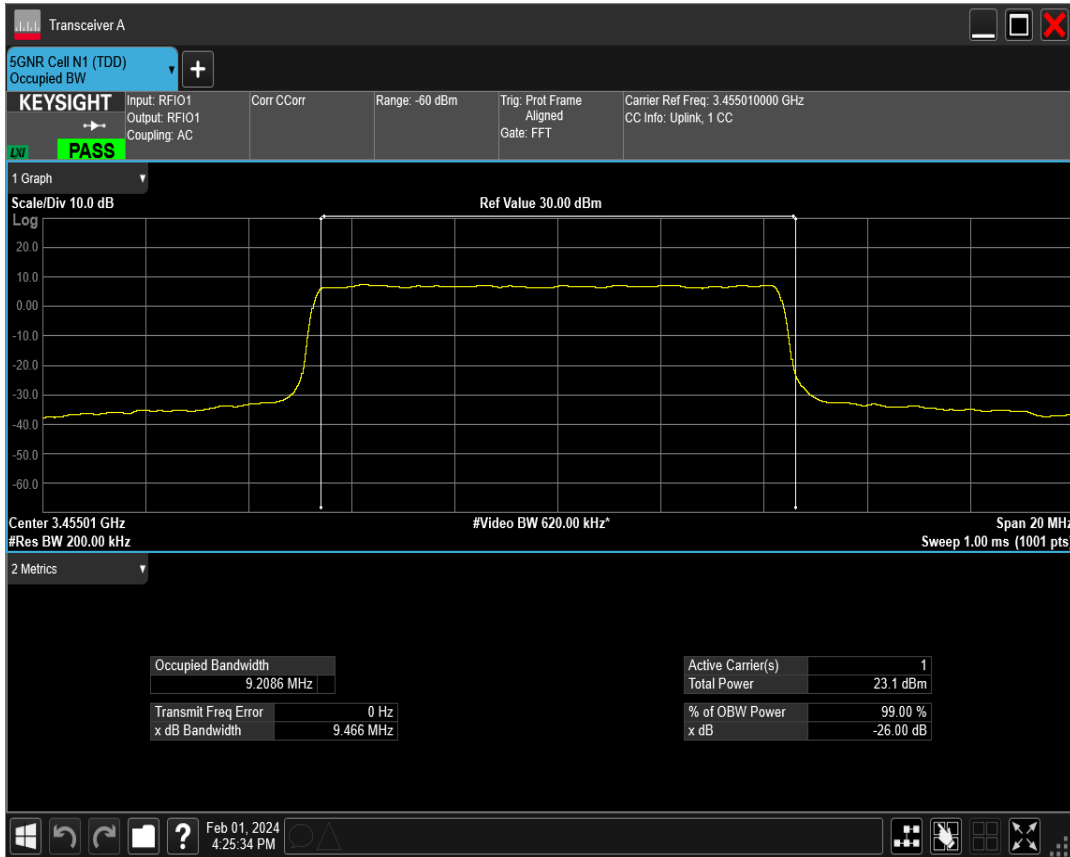
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=270@0



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



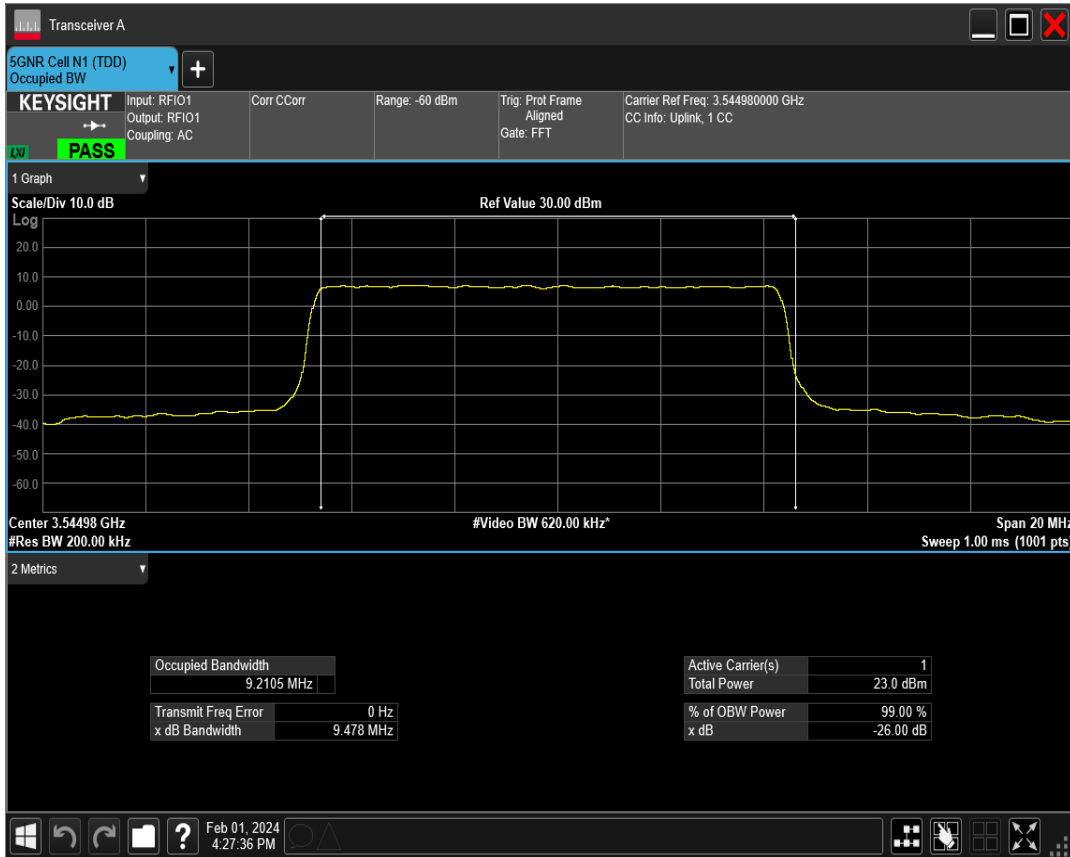
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=10MHz Channel=630334 RB=50@0



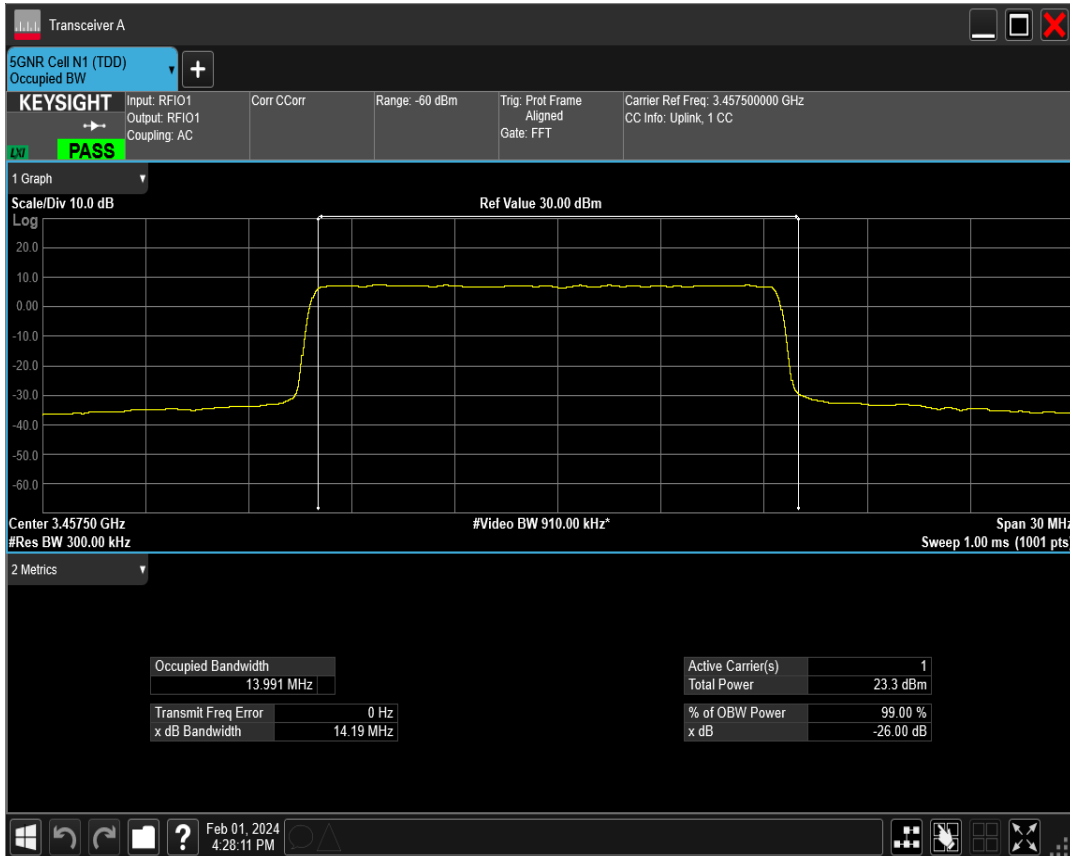
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=10MHz Channel=633334 RB=50@0



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



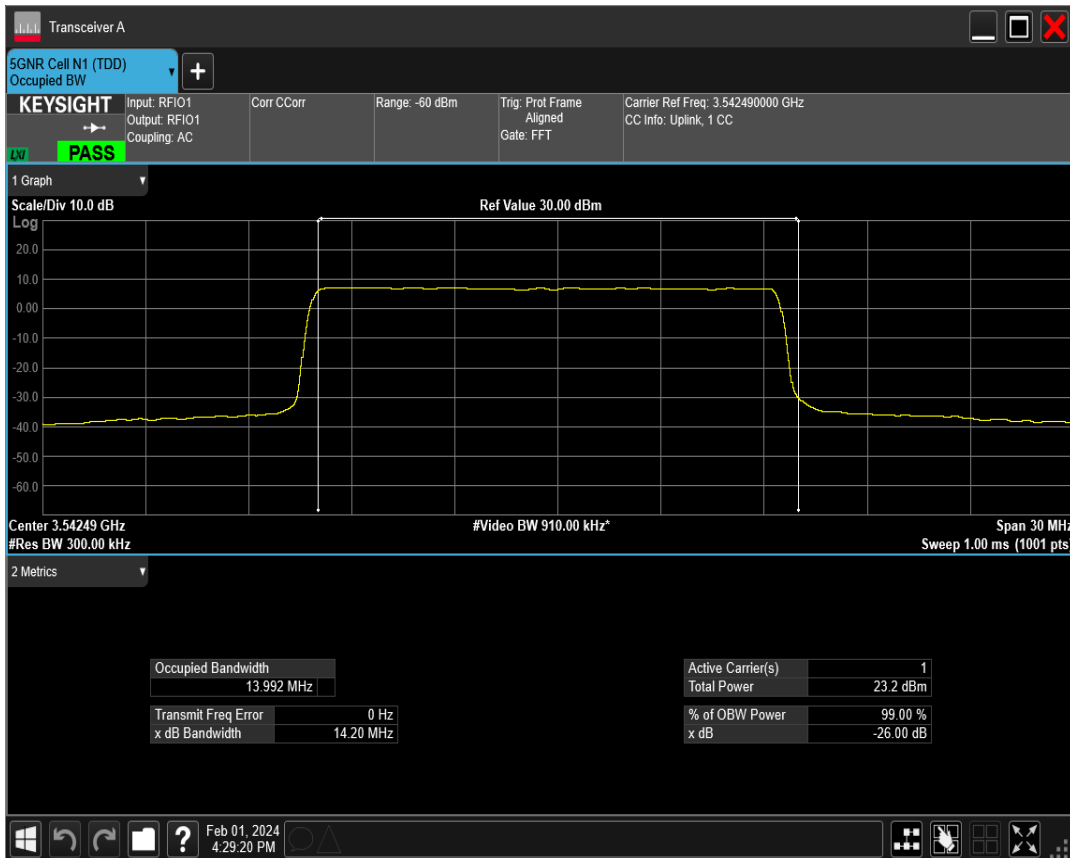
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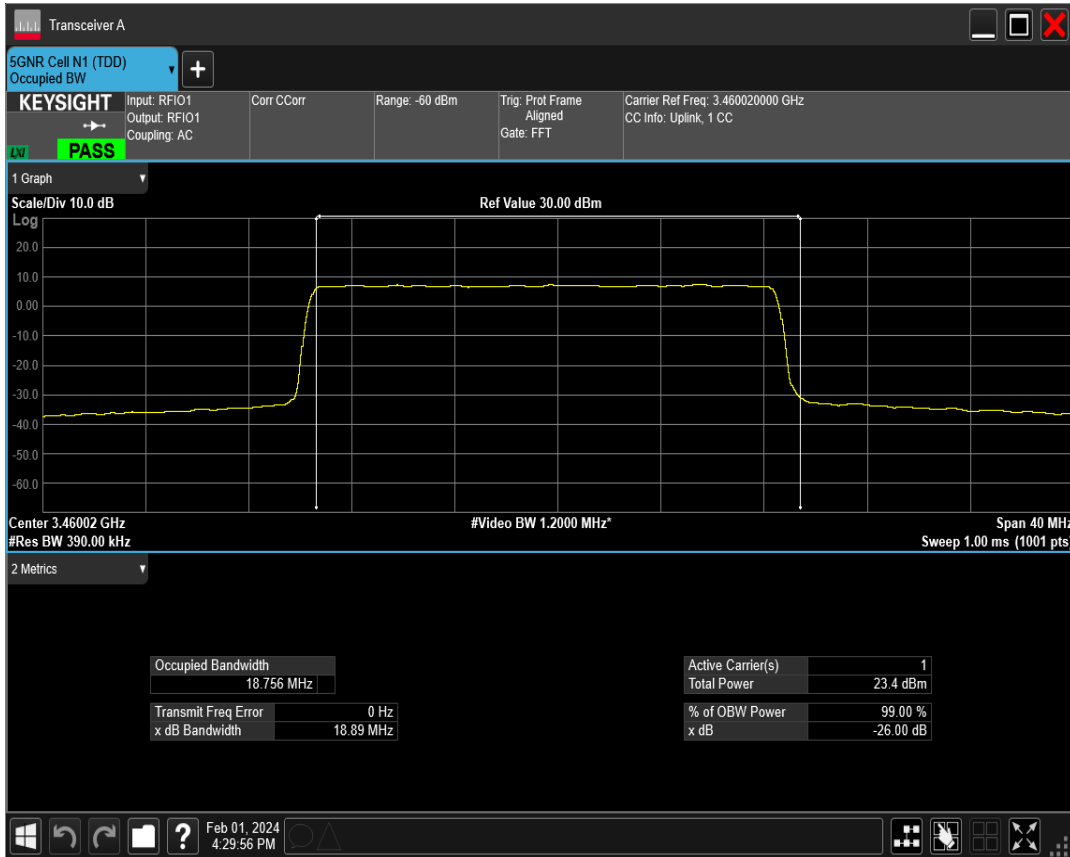
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=75@0



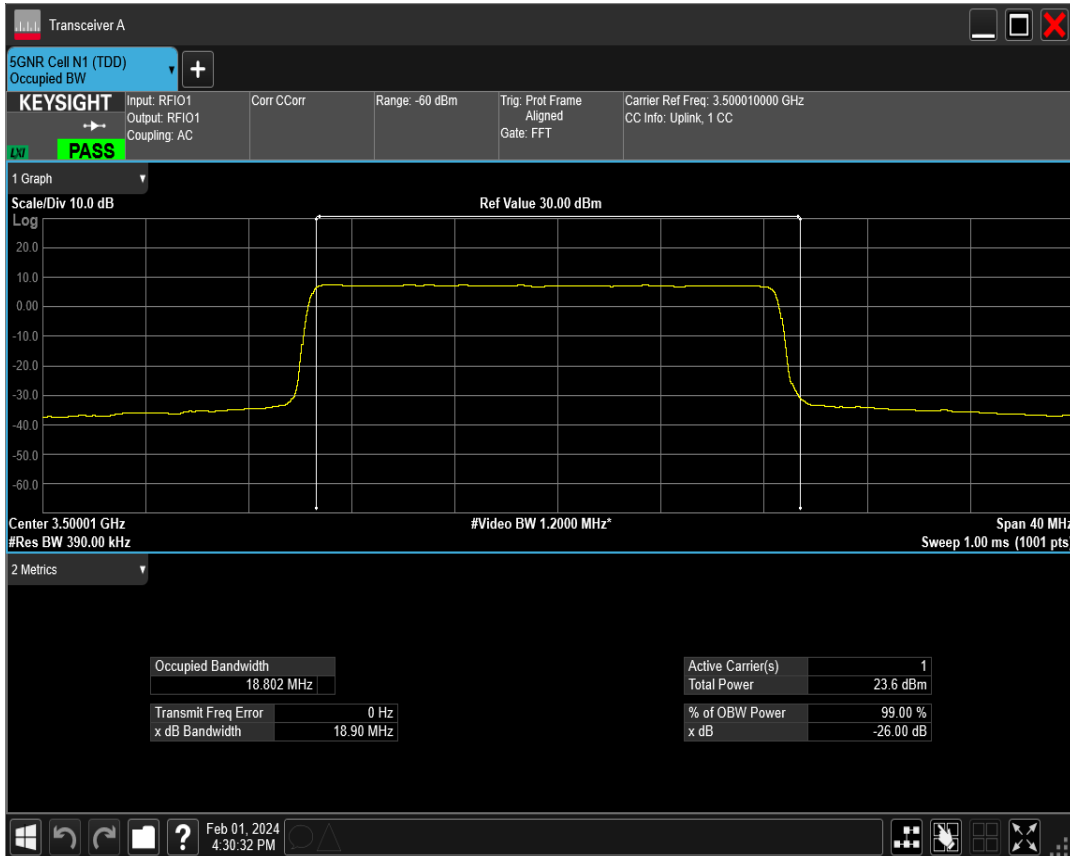
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=636166 RB=75@0



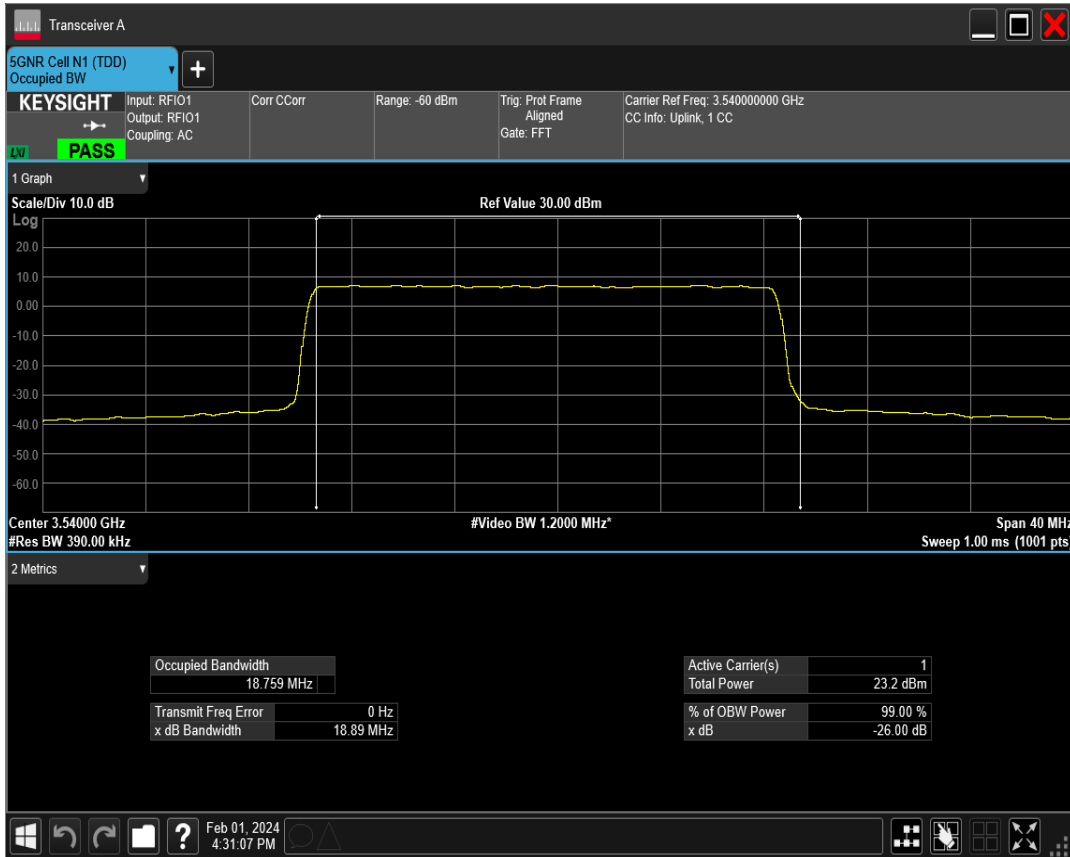
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=630668 RB=100@0



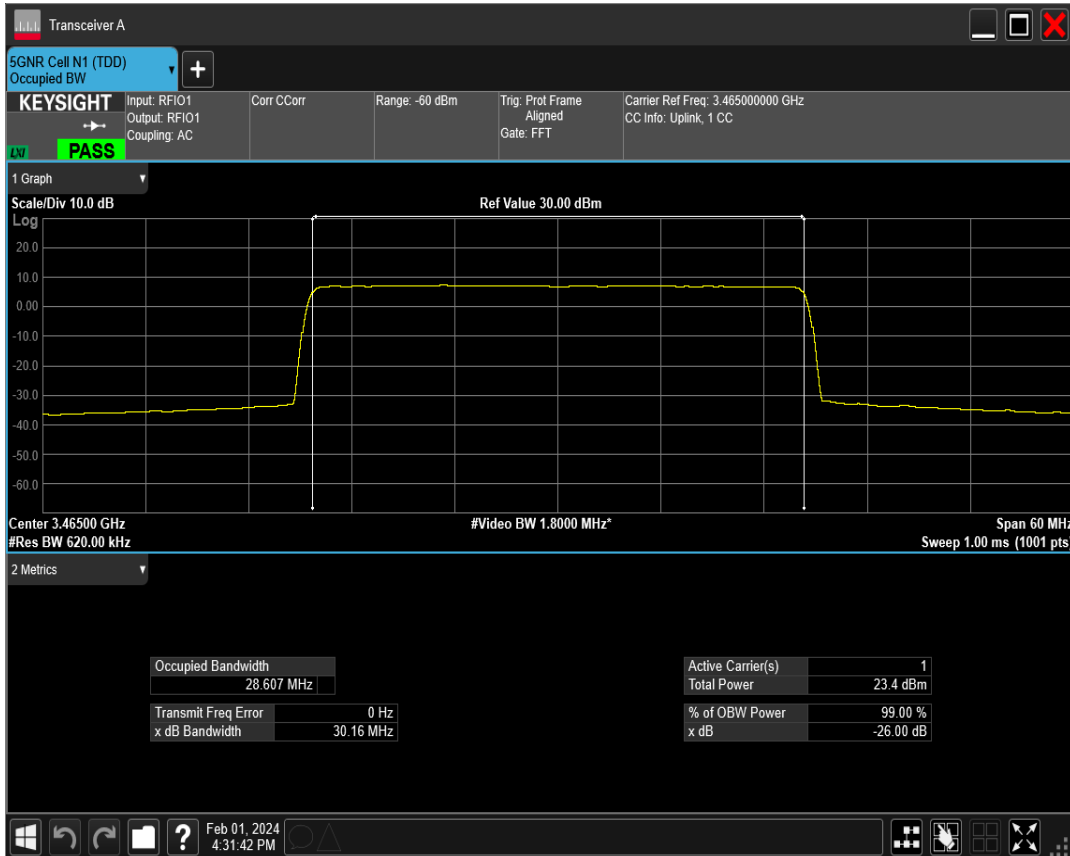
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=100@0



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



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



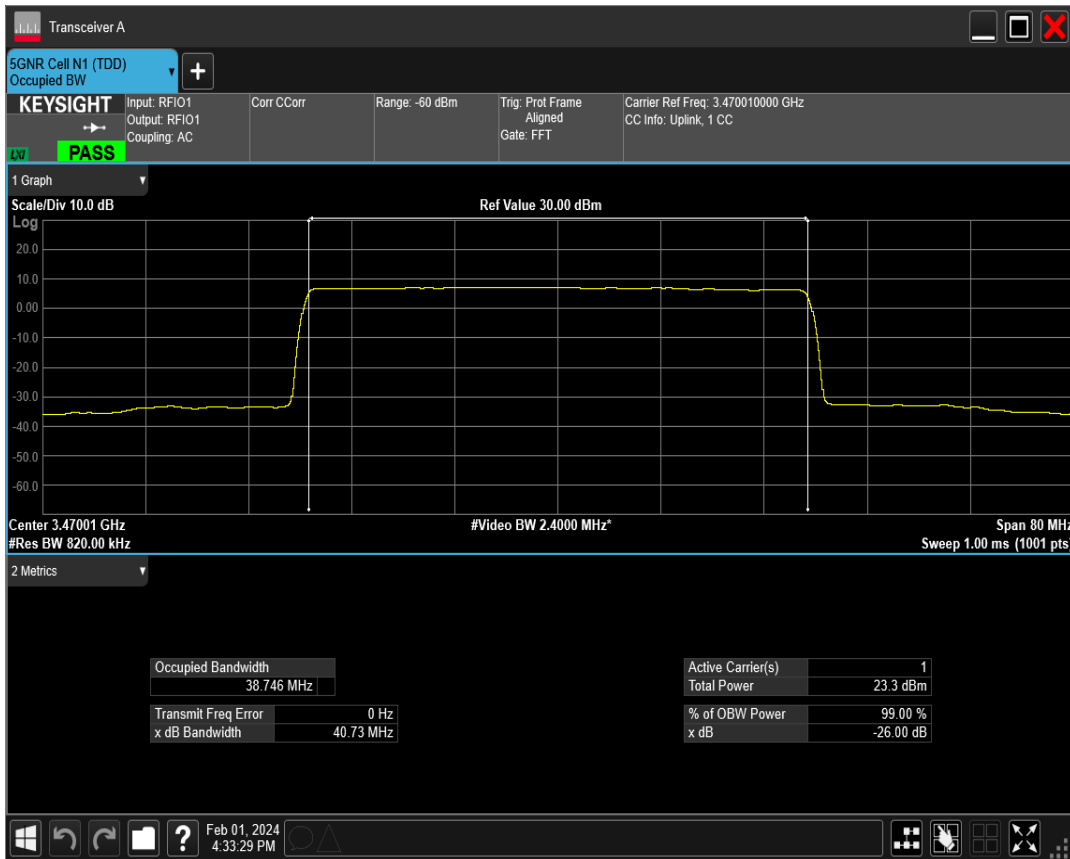
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=160@0



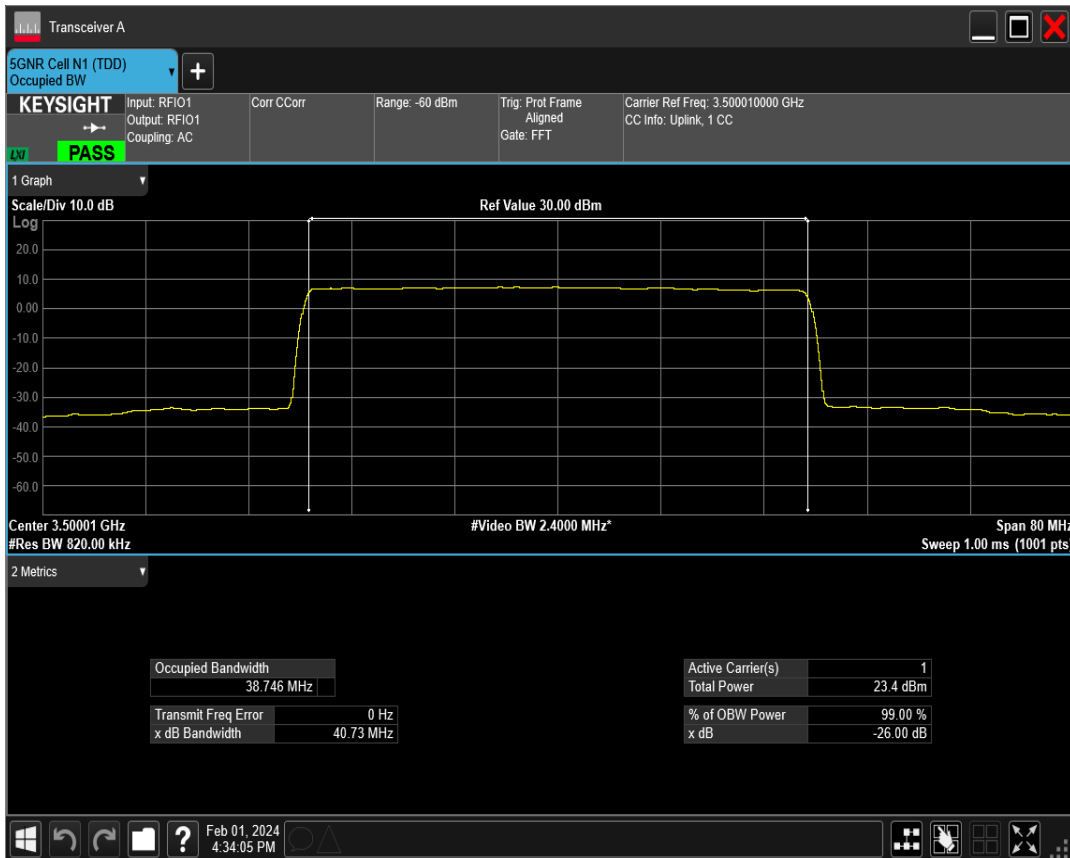
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=160@0



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



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





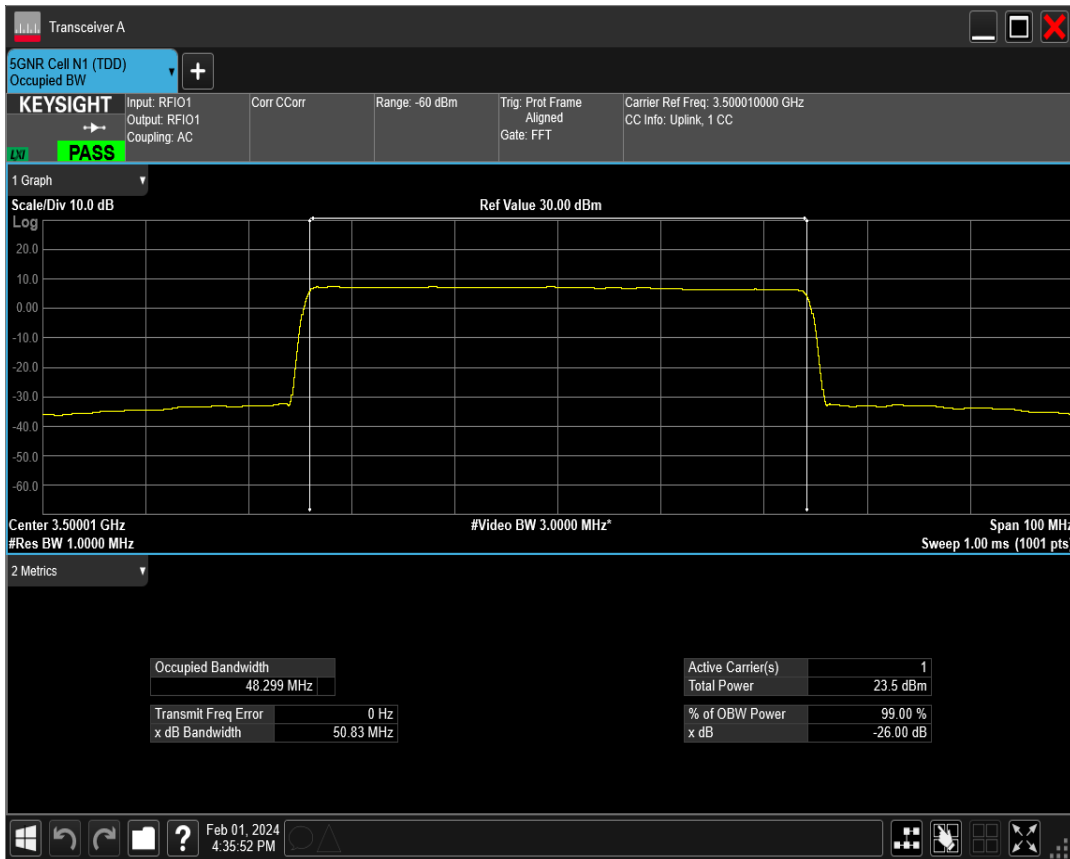
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=216@0



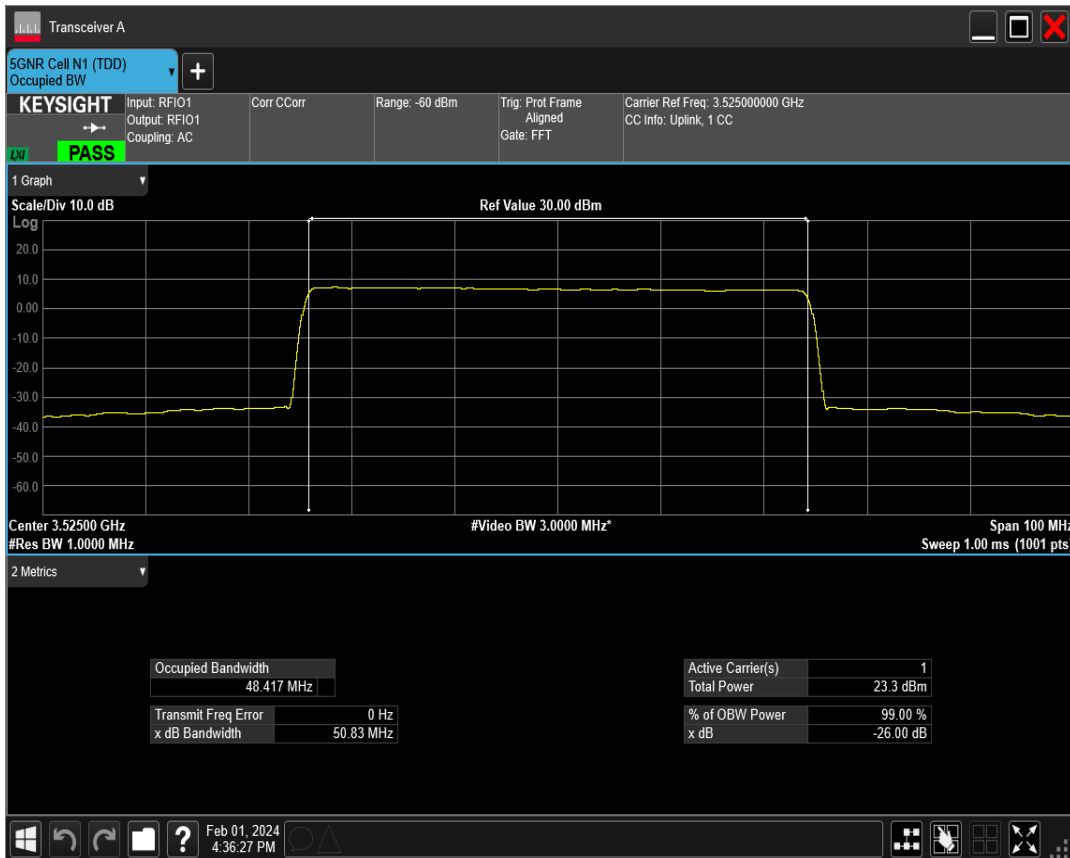
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=270@0



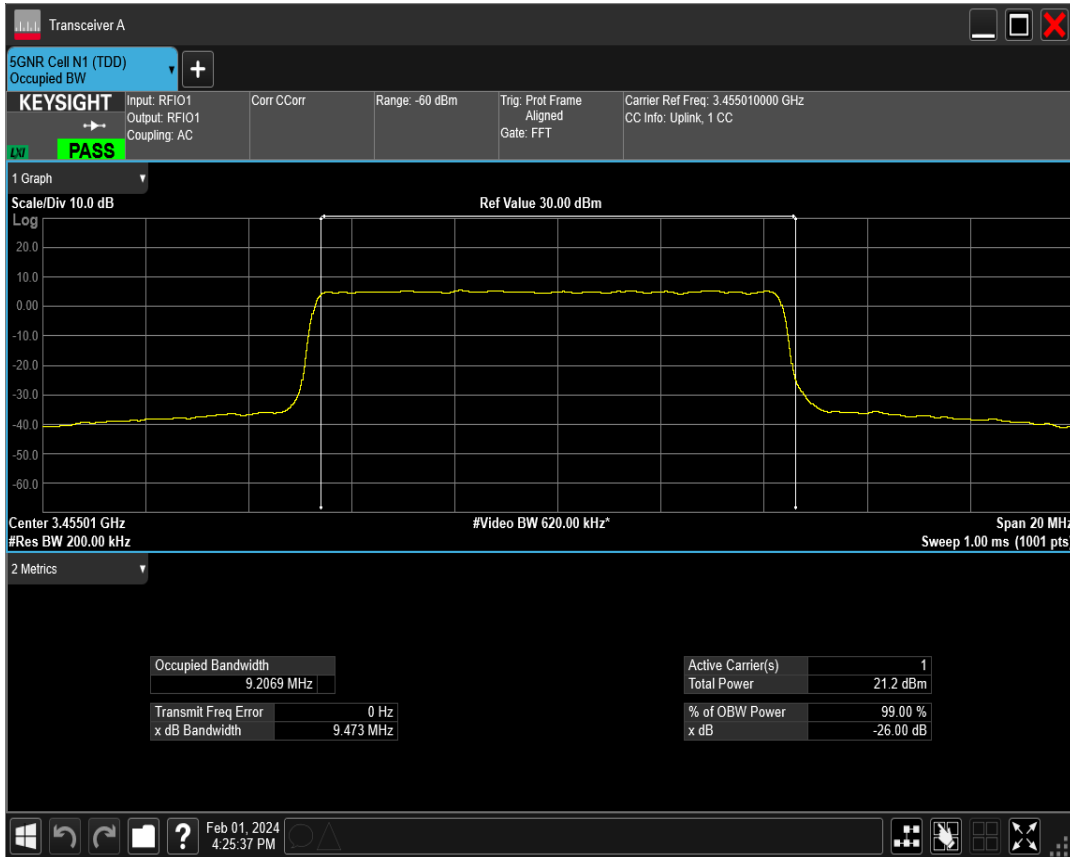
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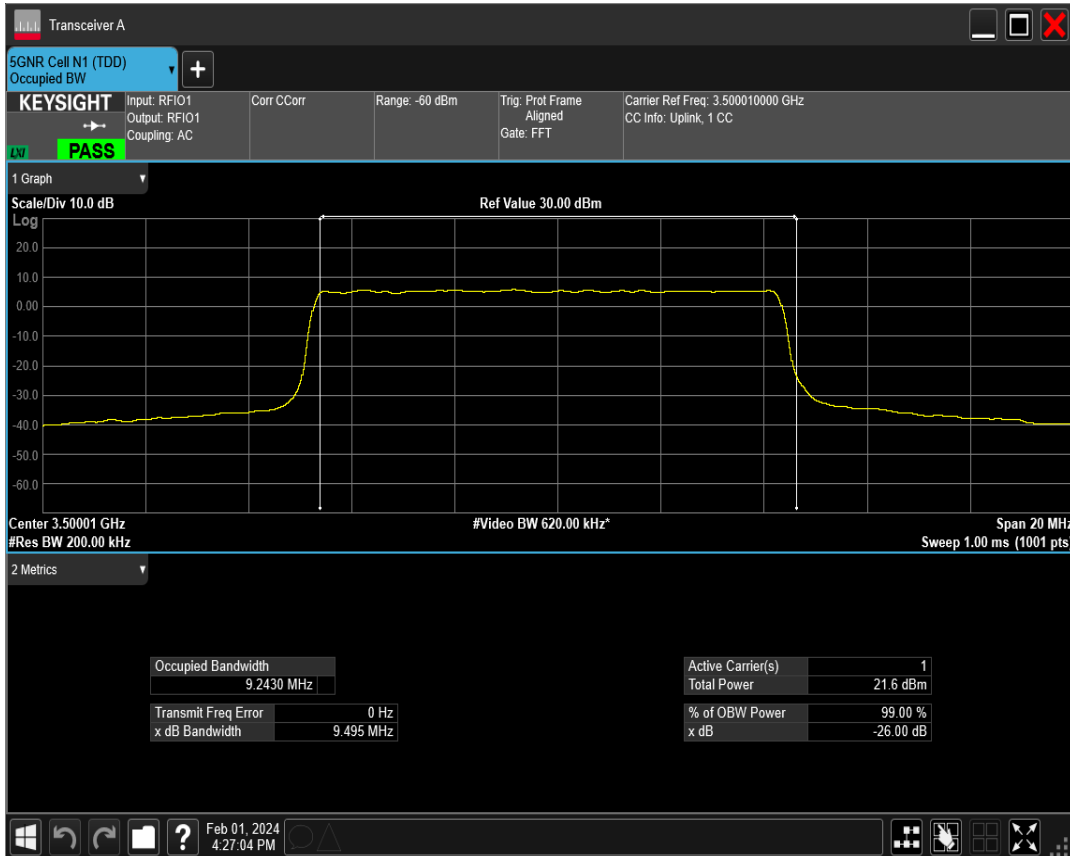
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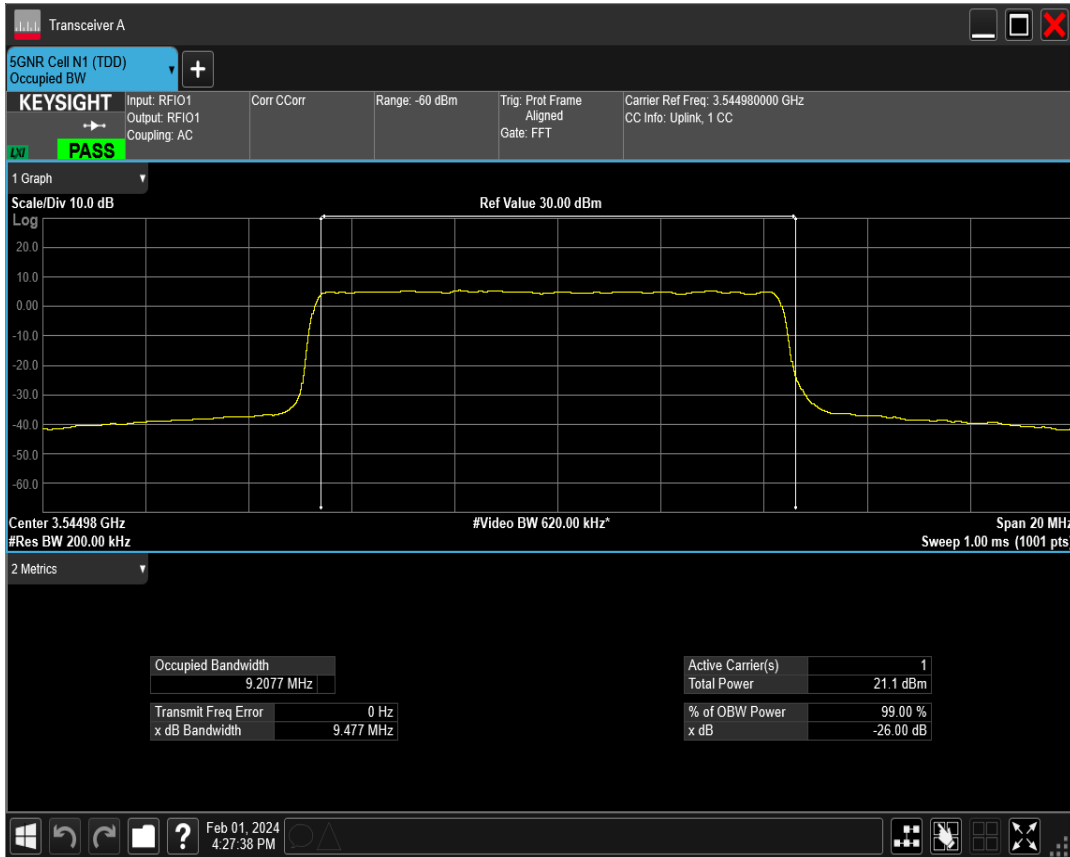
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=630334 RB=50@0



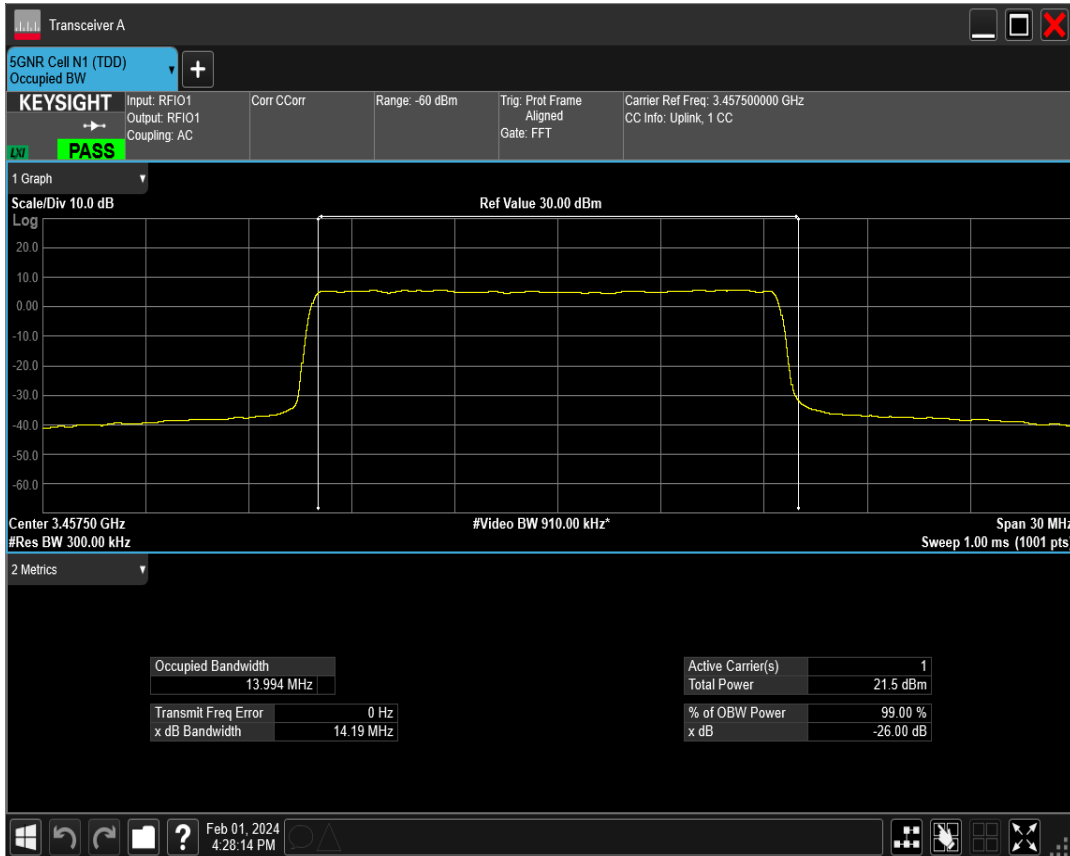
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=50@0



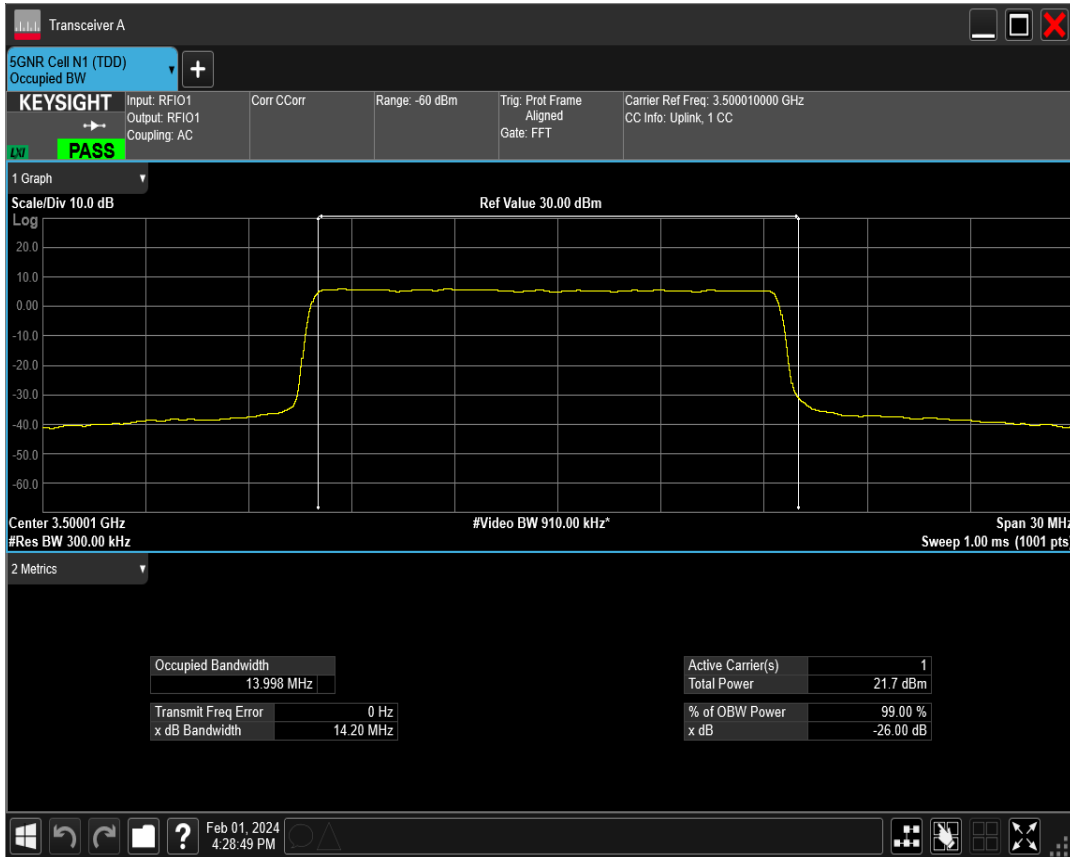
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=636332 RB=50@0



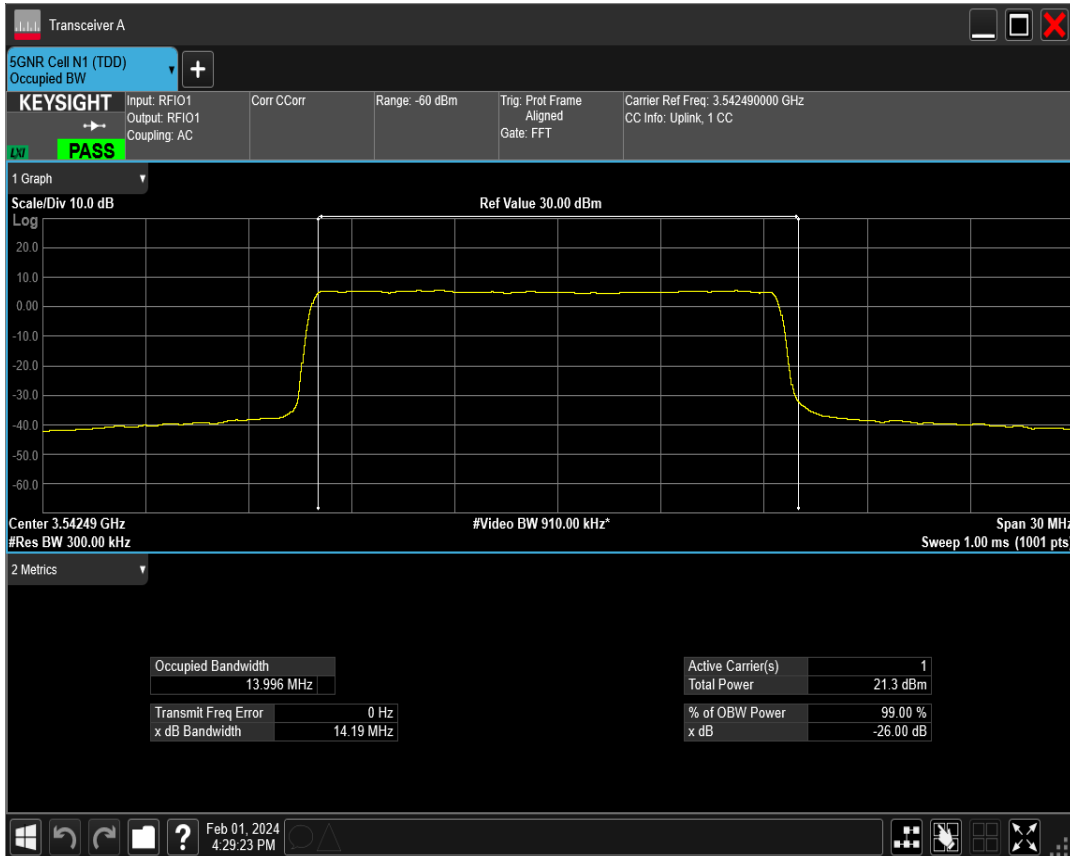
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=630500 RB=75@0



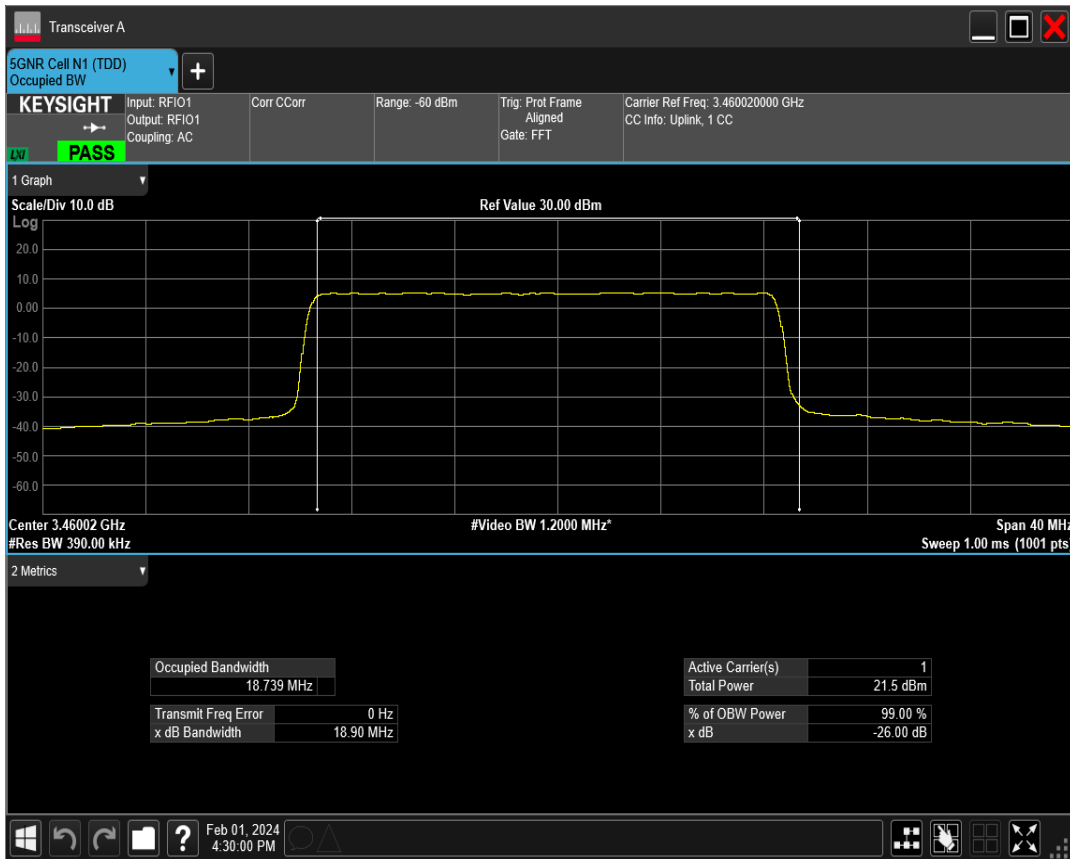
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=75@0



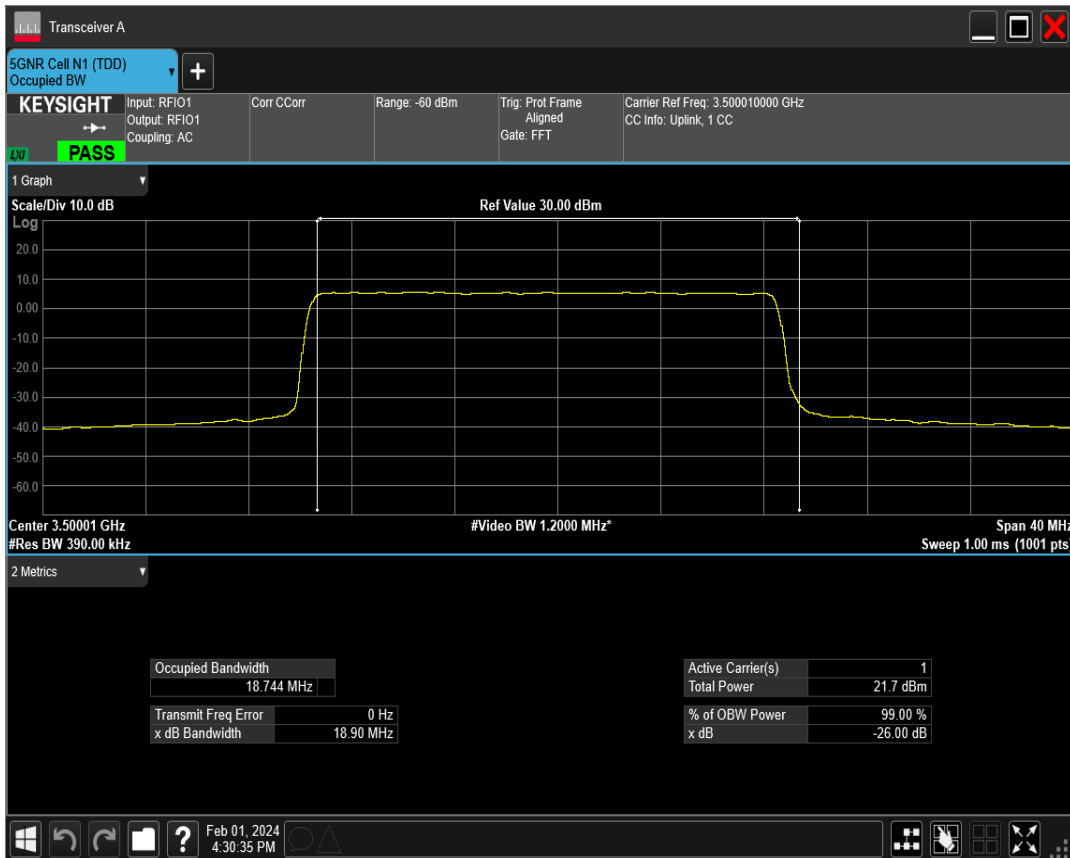
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=636166 RB=75@0



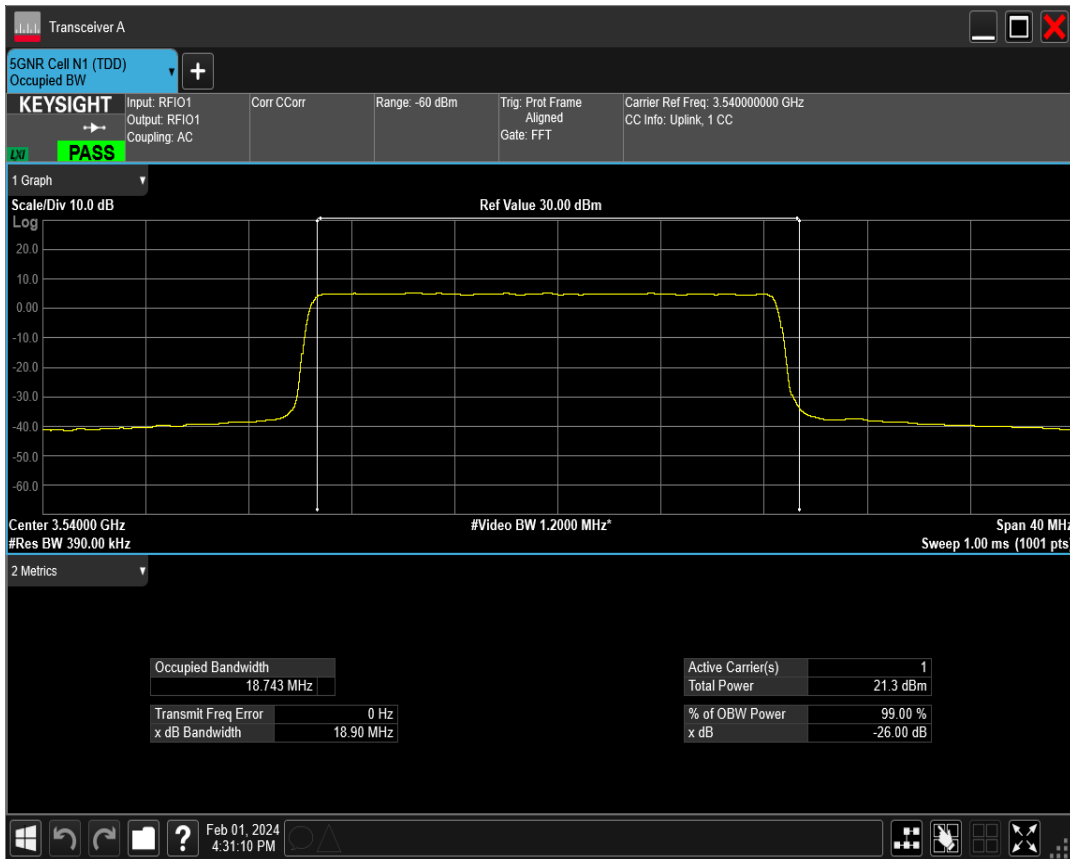
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=630668 RB=100@0



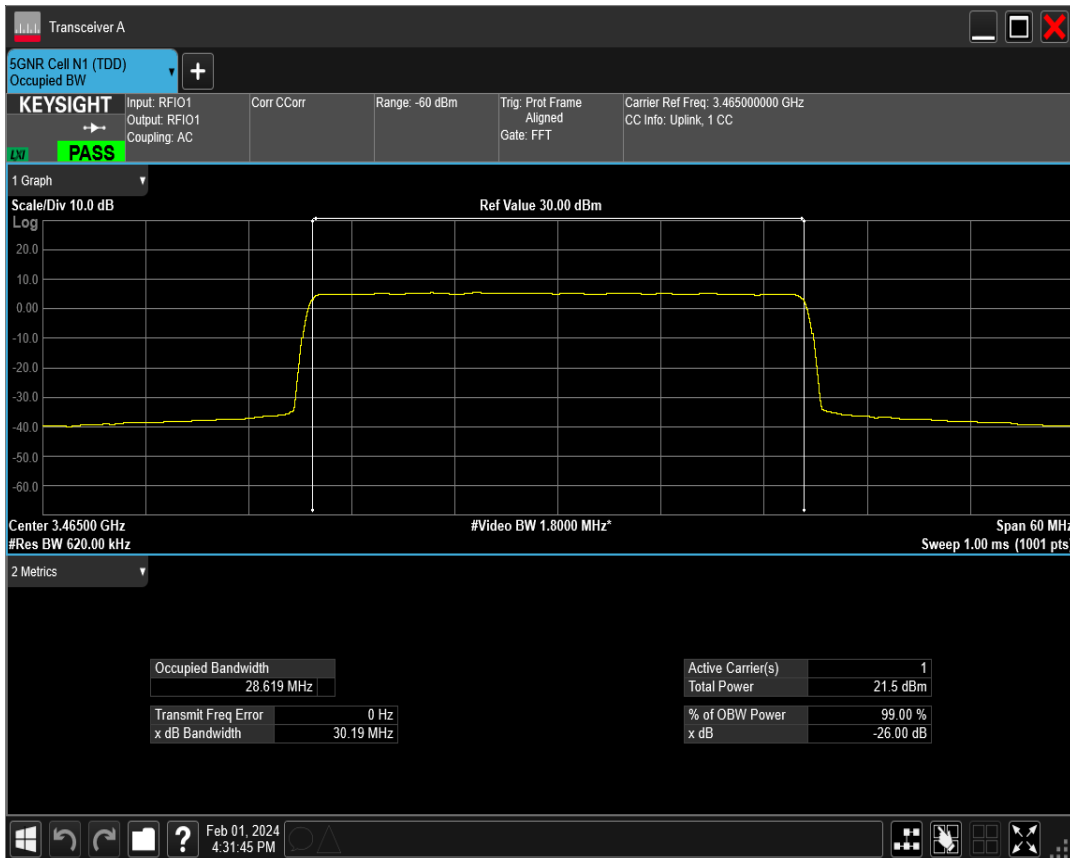
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=100@0



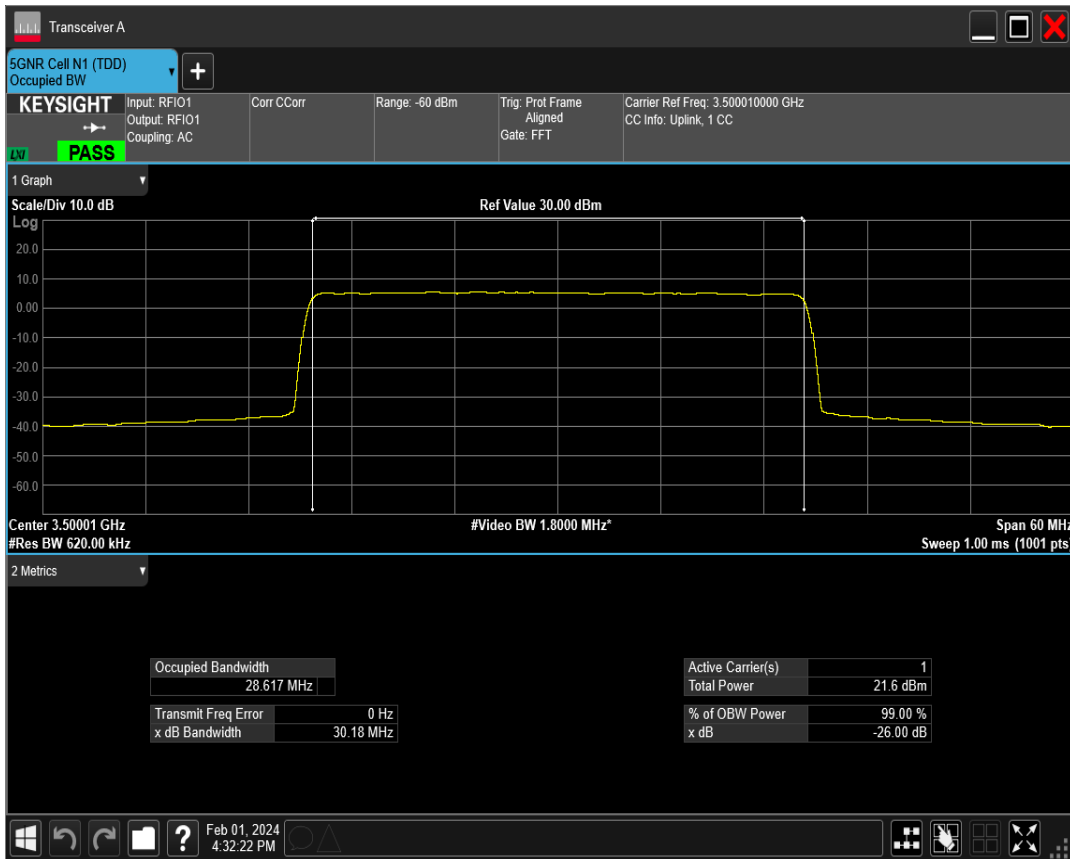
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=636000 RB=100@0



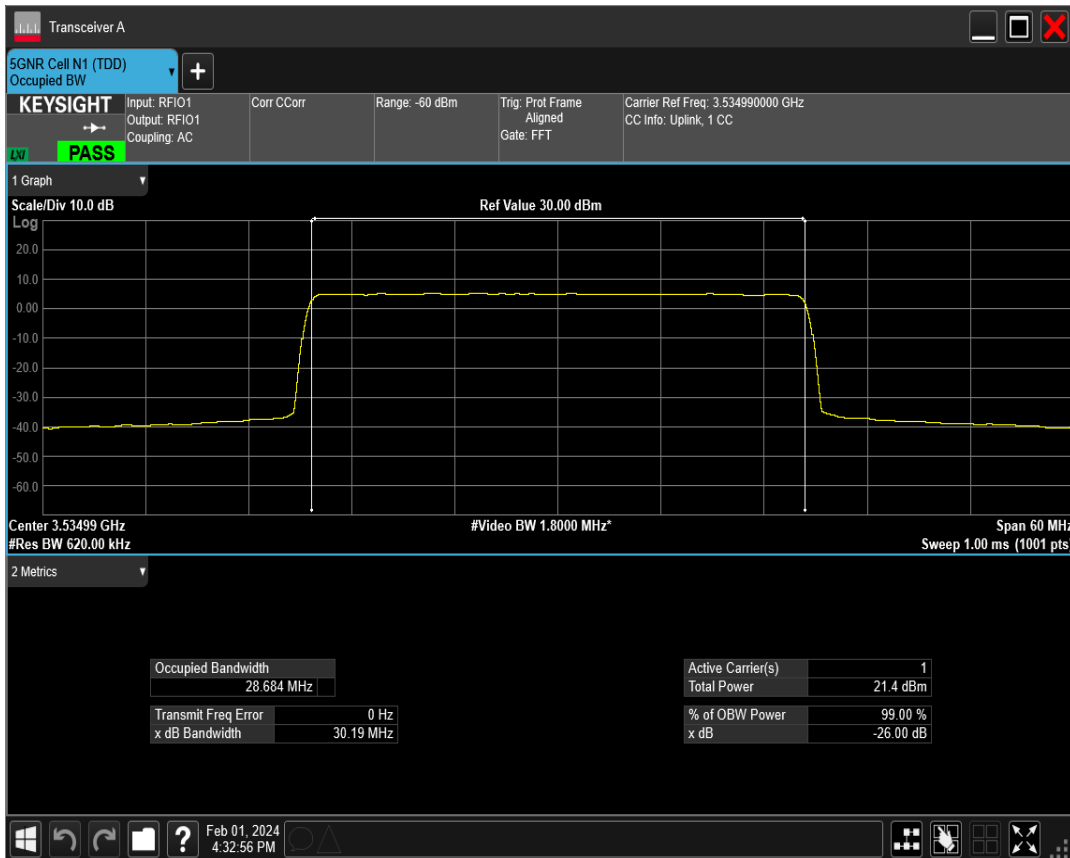
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=160@0



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

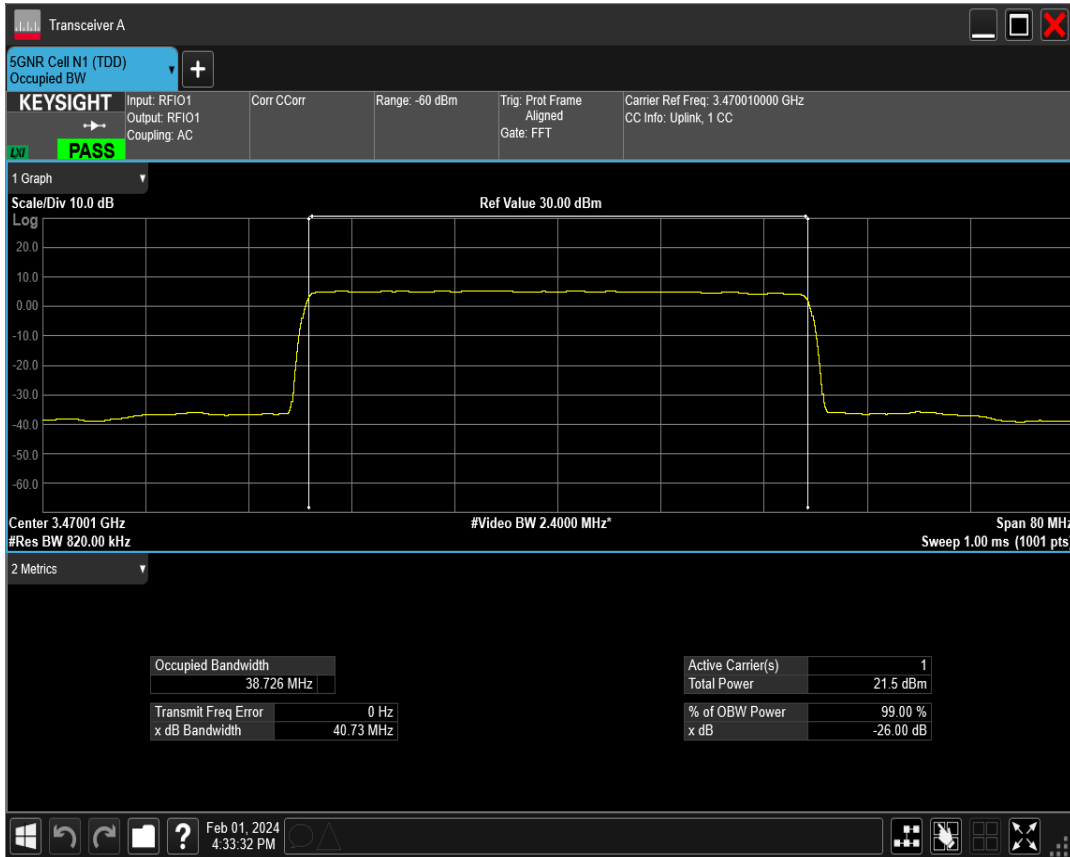


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=160@0

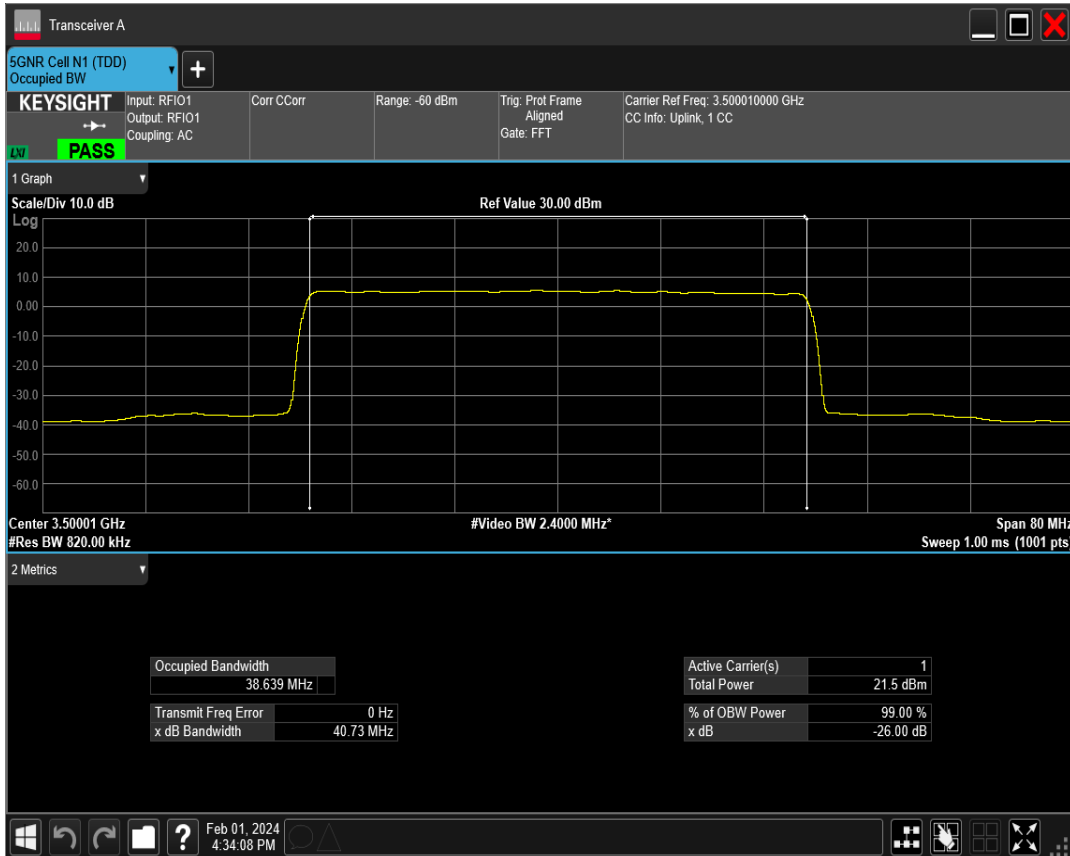




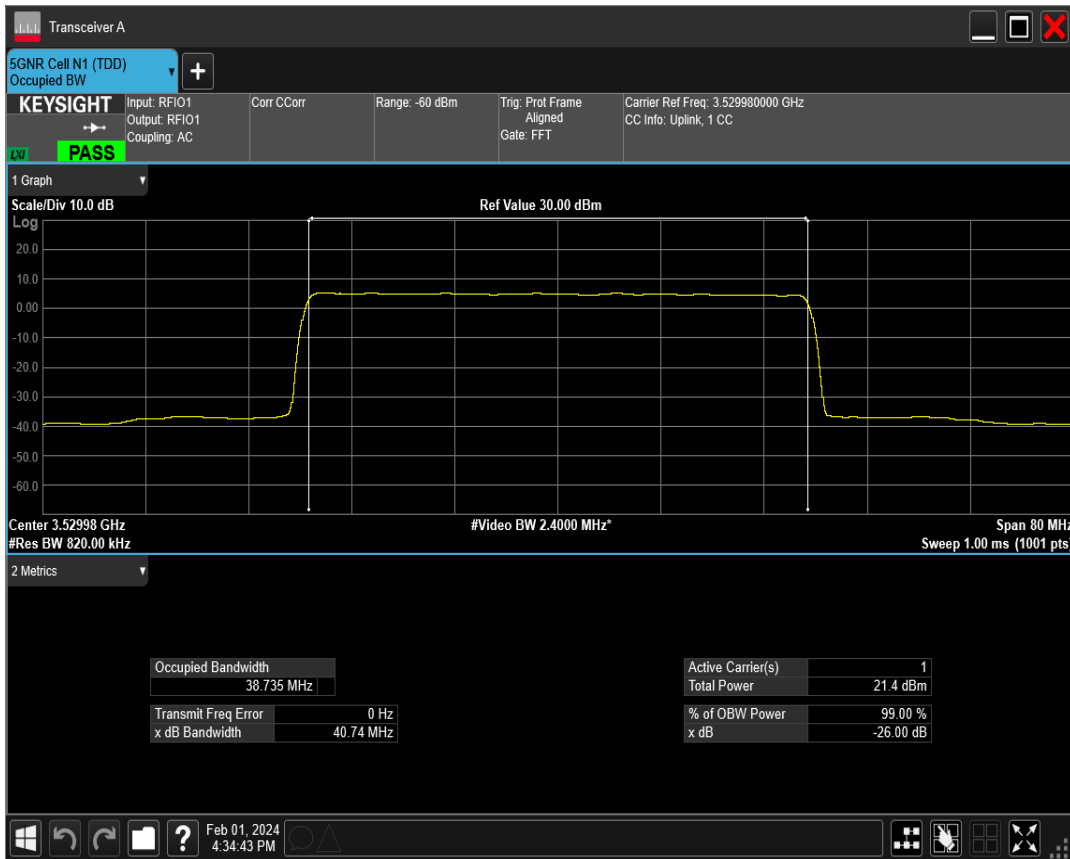
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=631334 RB=216@0



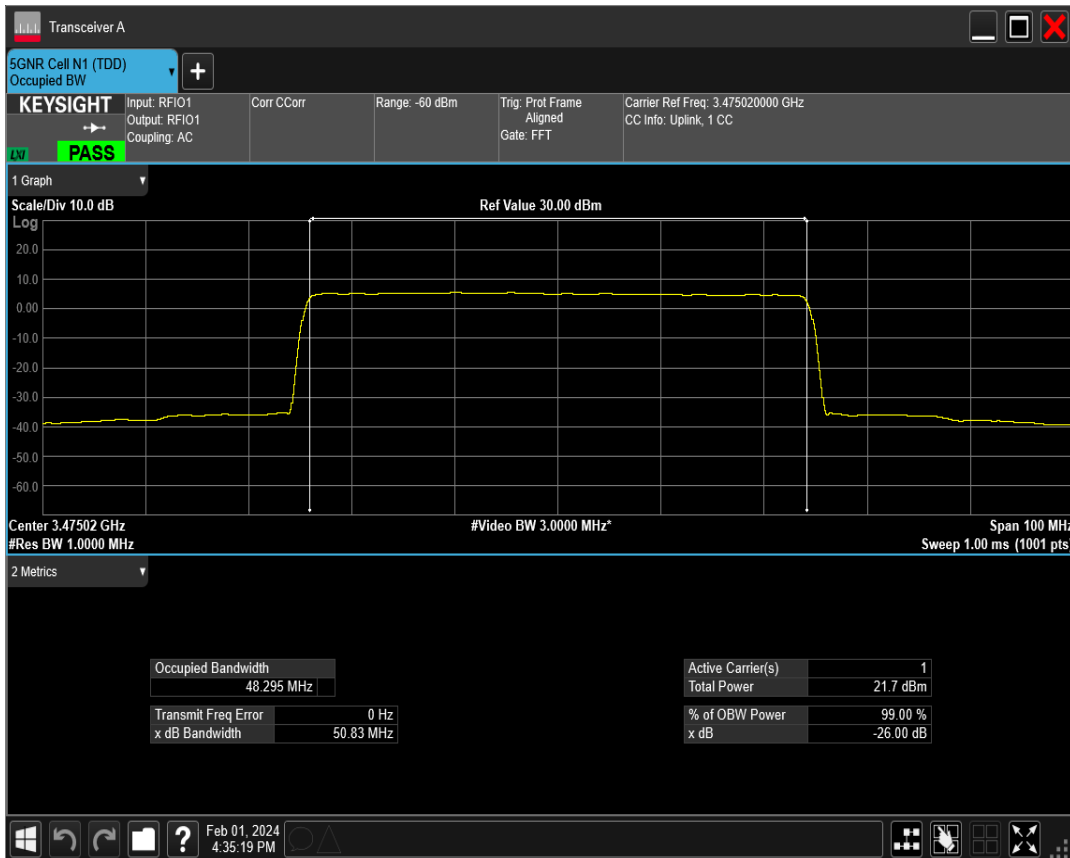
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=216@0



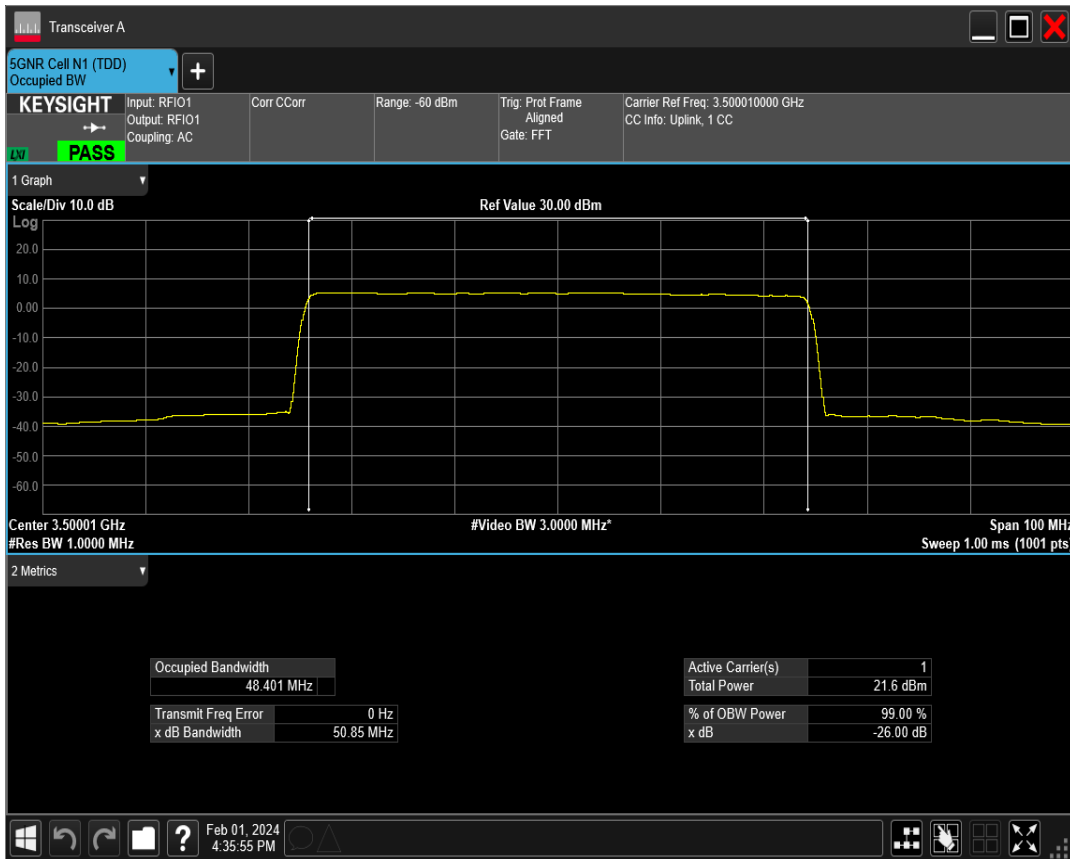
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=216@0



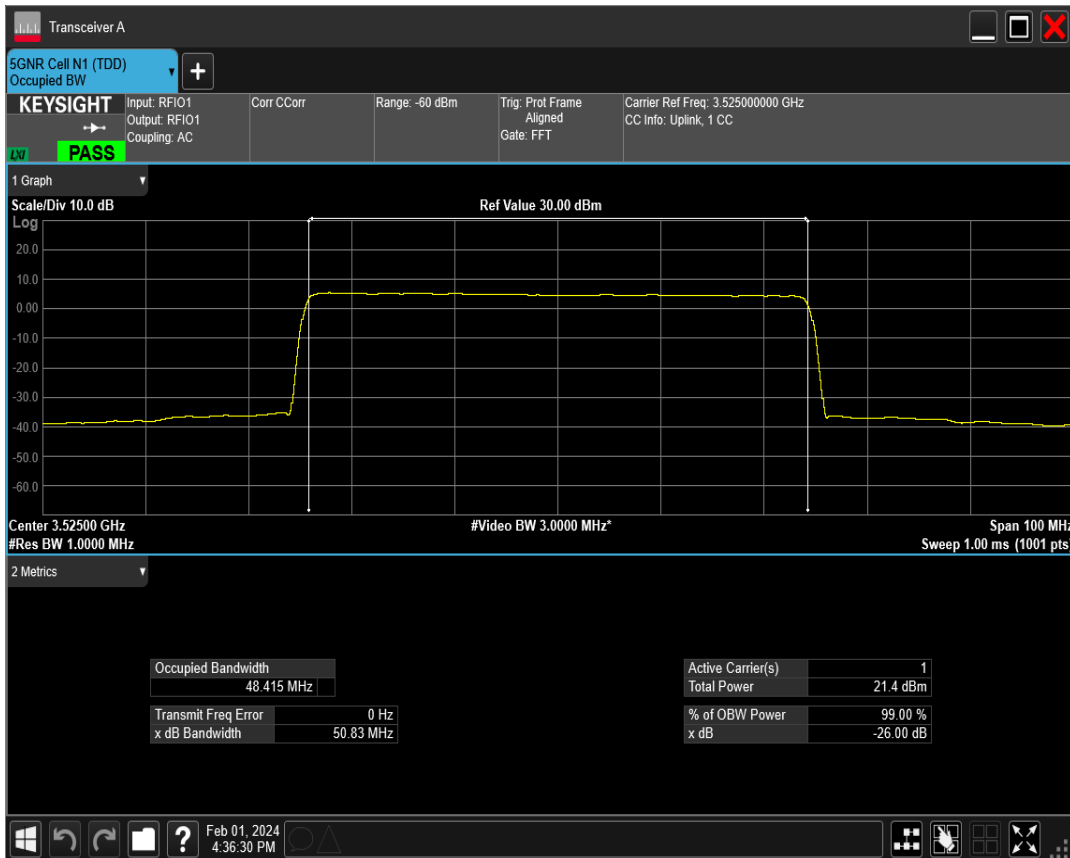
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=270@0



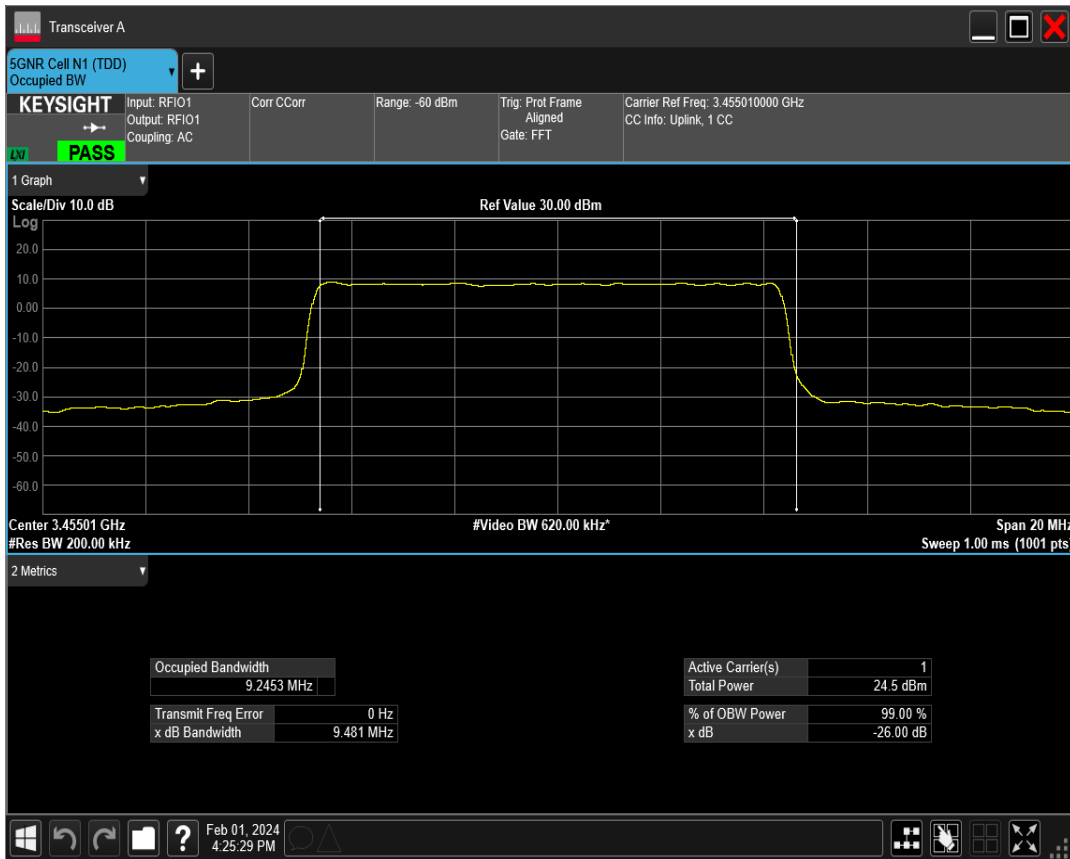
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=270@0



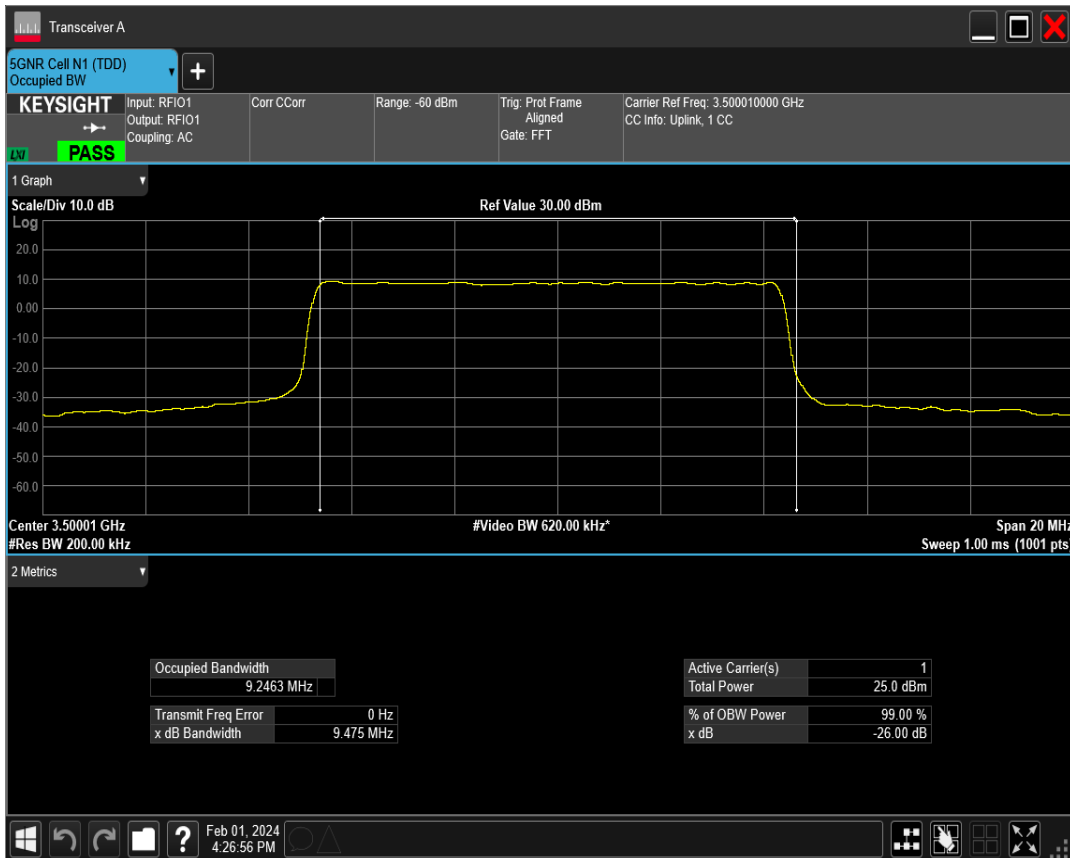
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=270@0



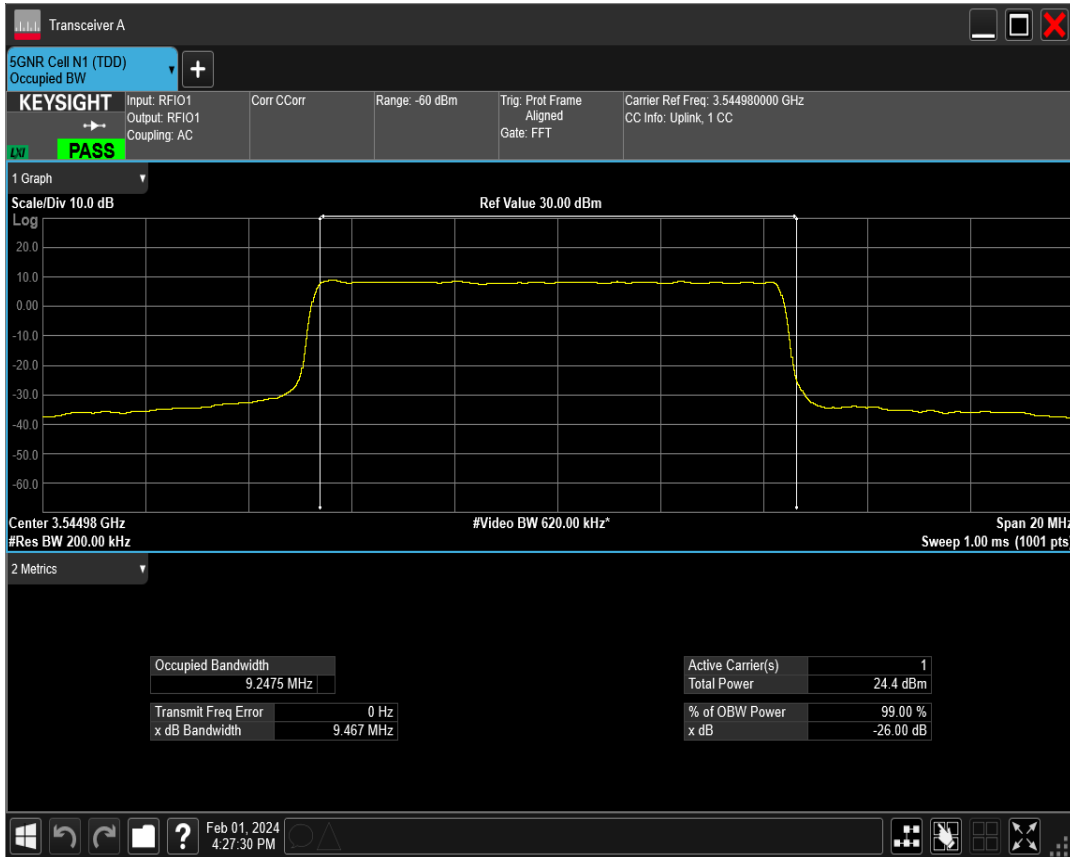
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



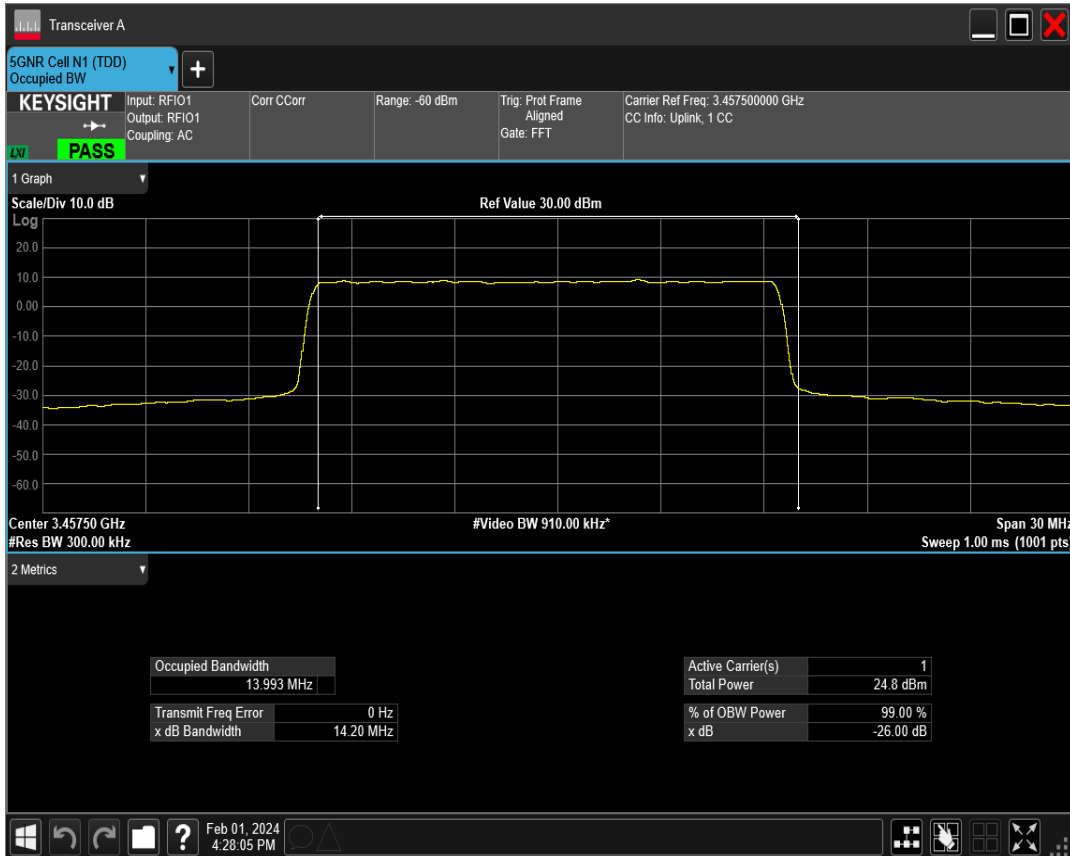
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0



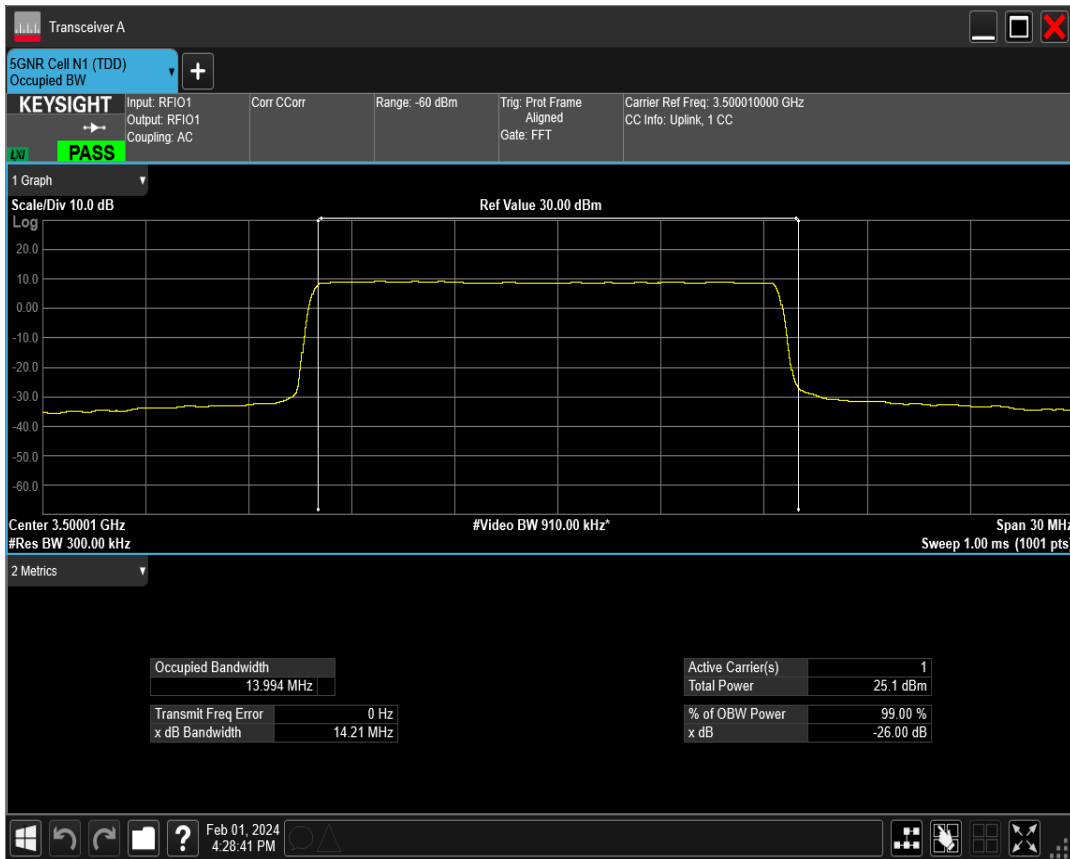
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



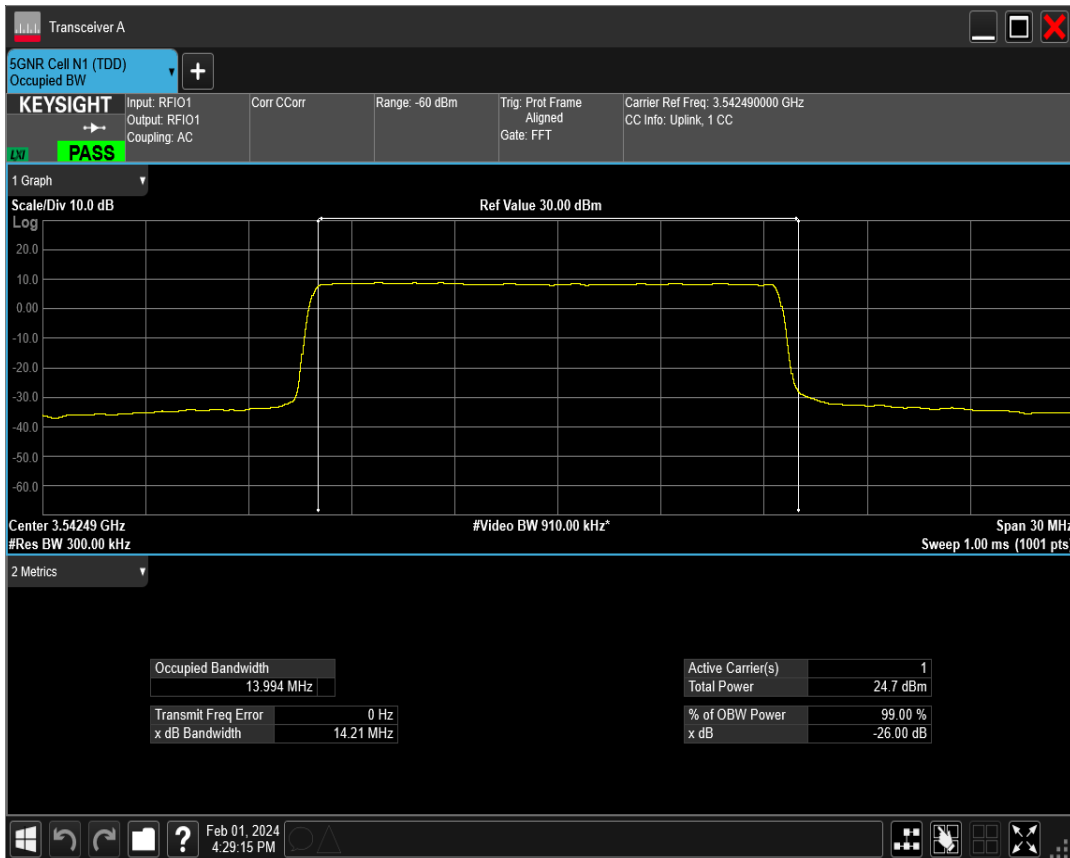
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=15MHz Channel=630500 RB=75@0



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



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



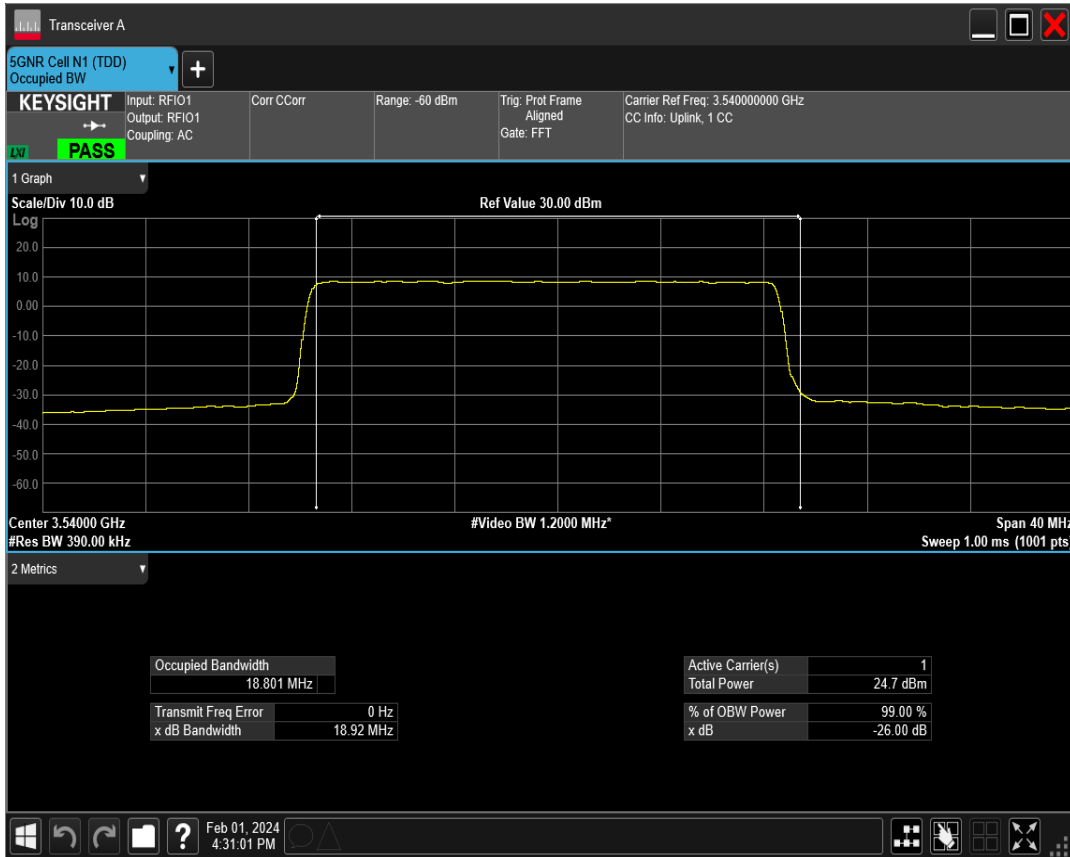
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=630668 RB=100@0



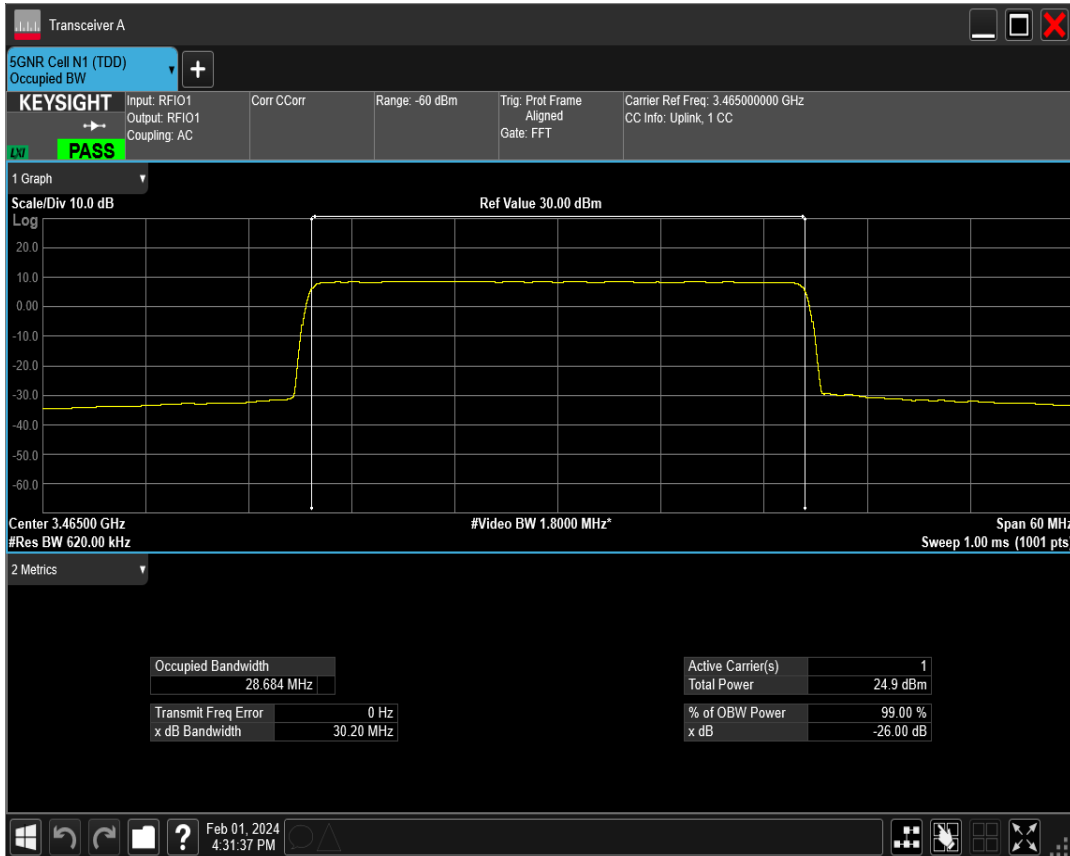
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=633334 RB=100@0



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



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

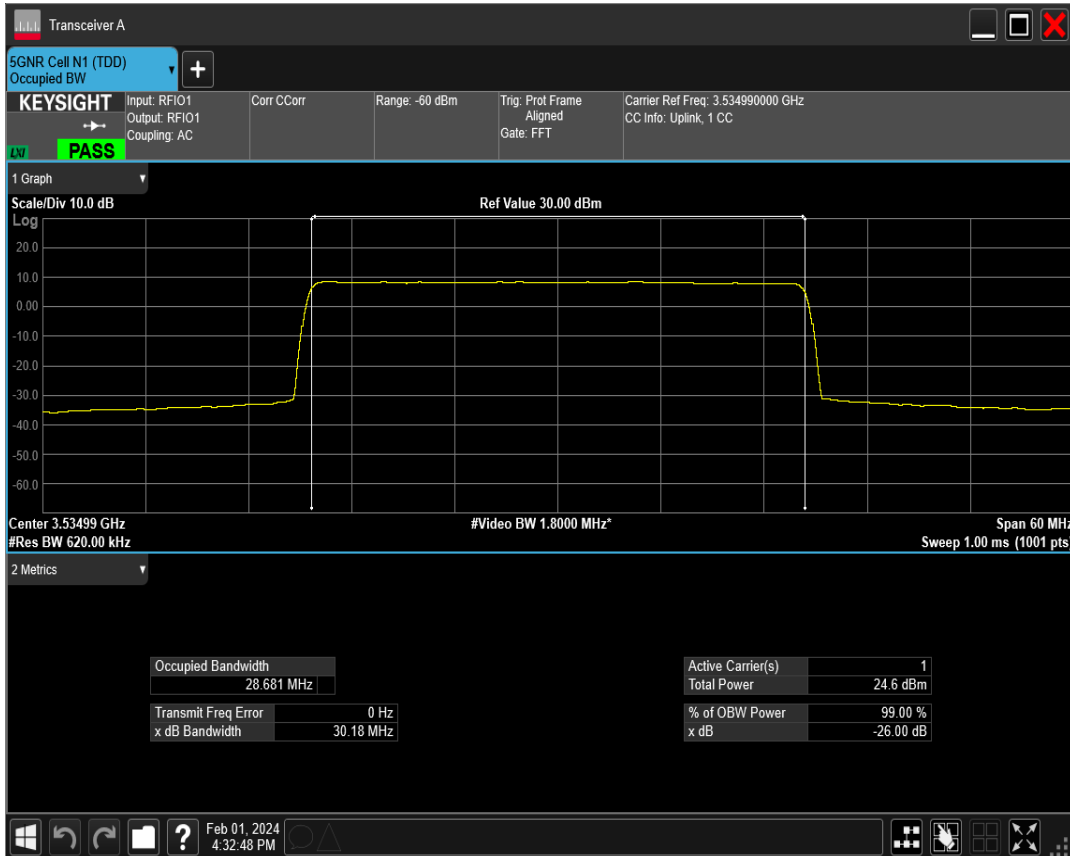




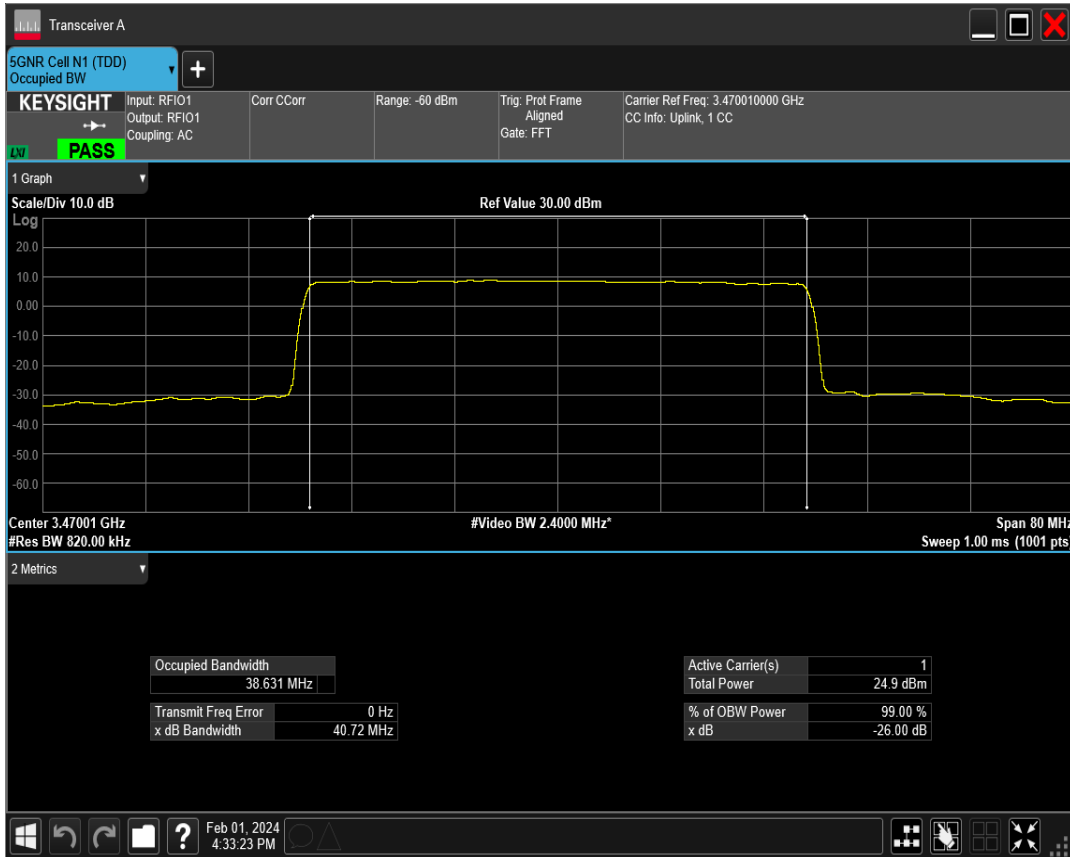
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=633334 RB=160@0



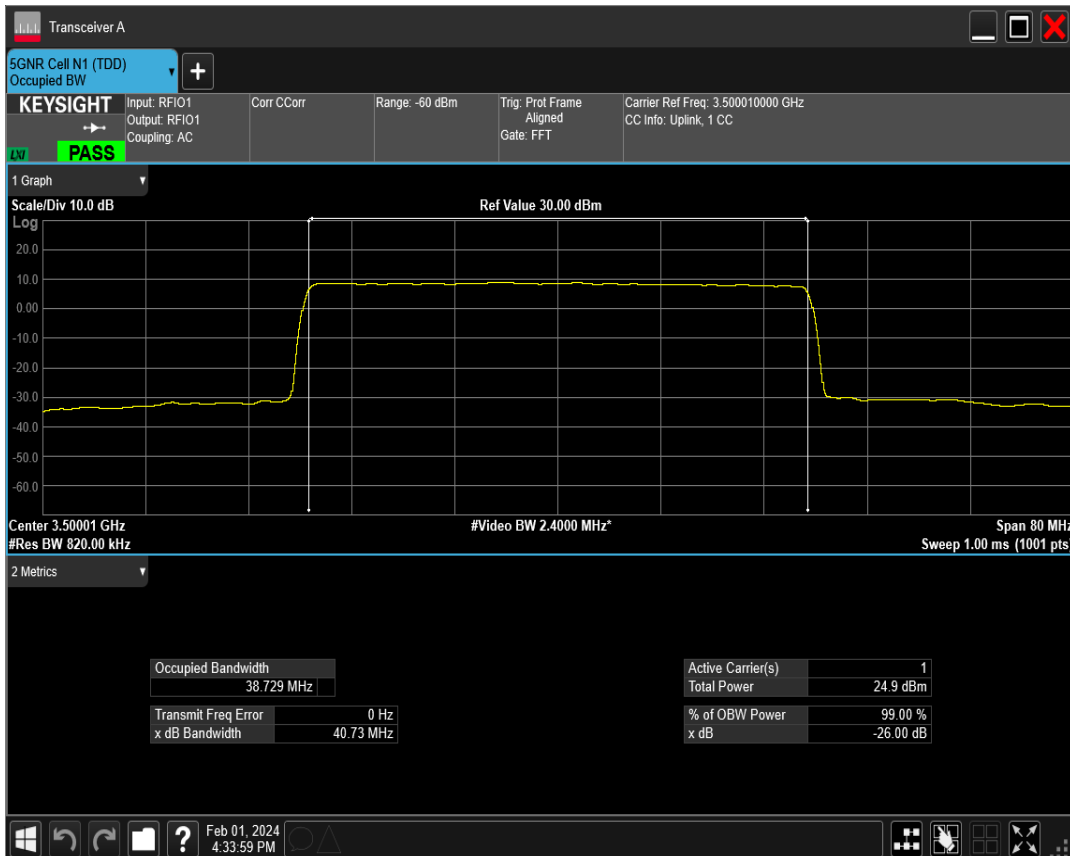
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=635666 RB=160@0



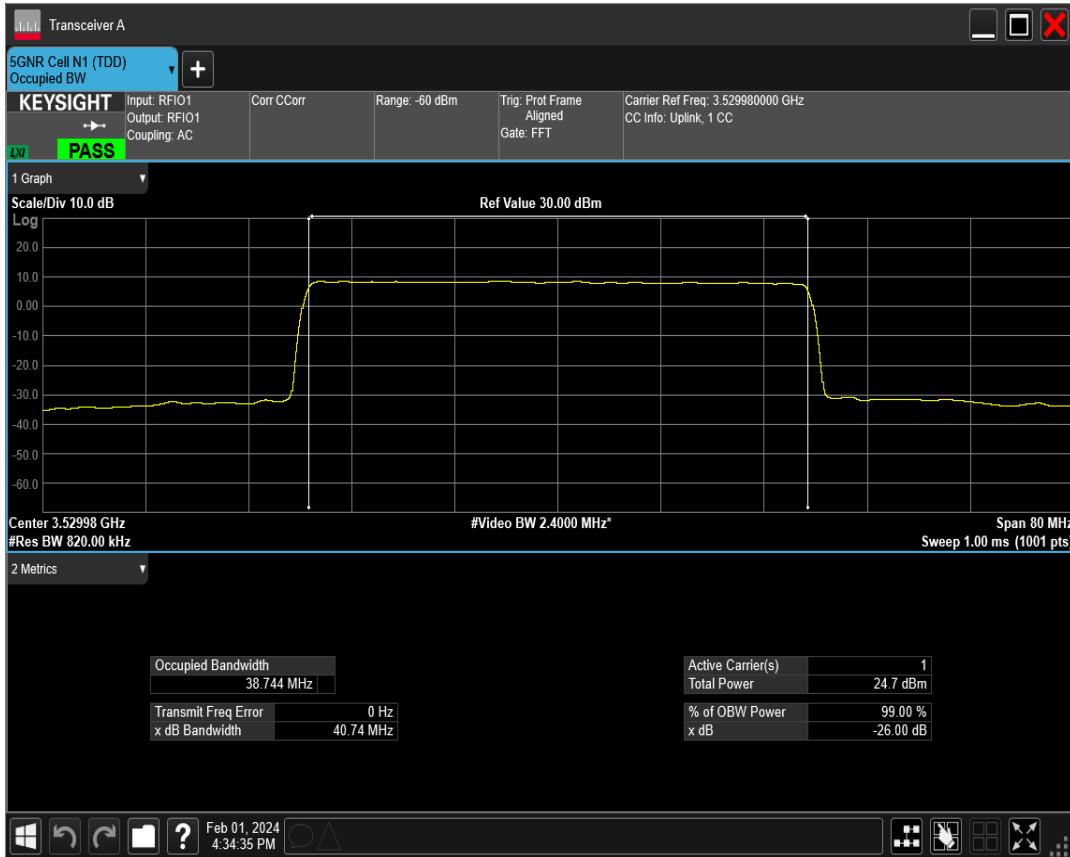
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=631334 RB=216@0



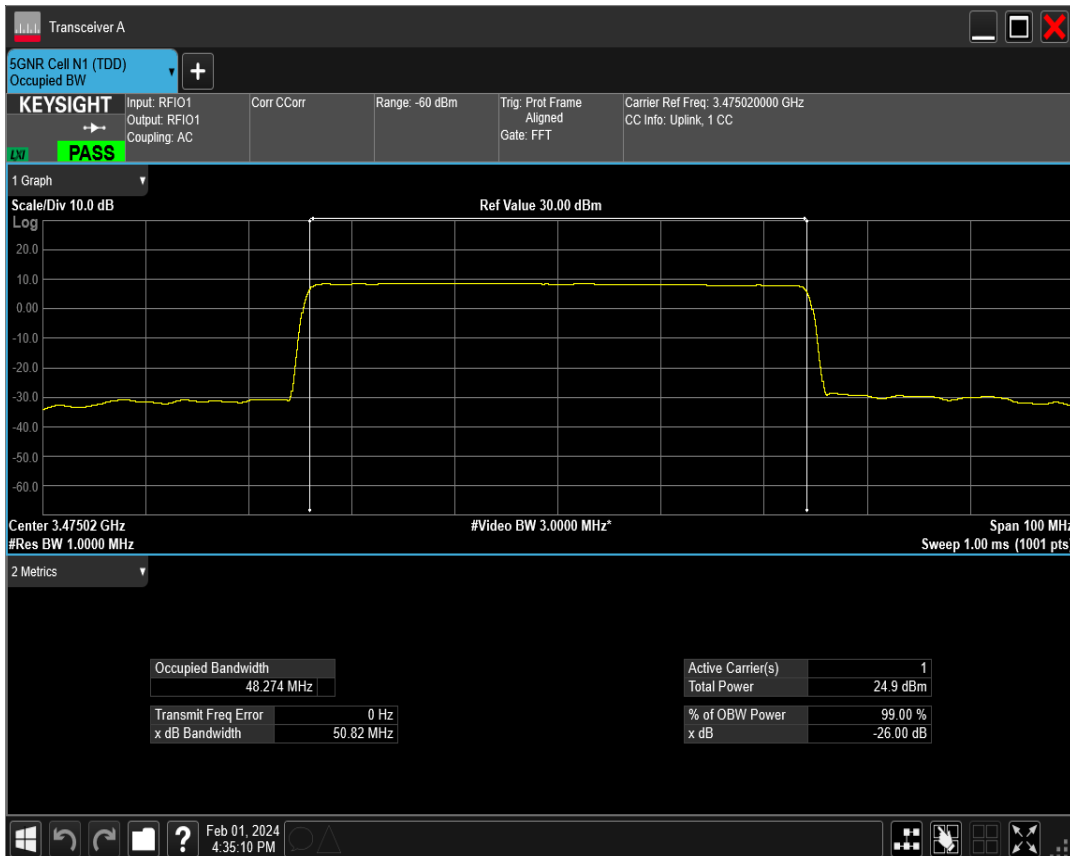
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=633334 RB=216@0



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



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



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



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



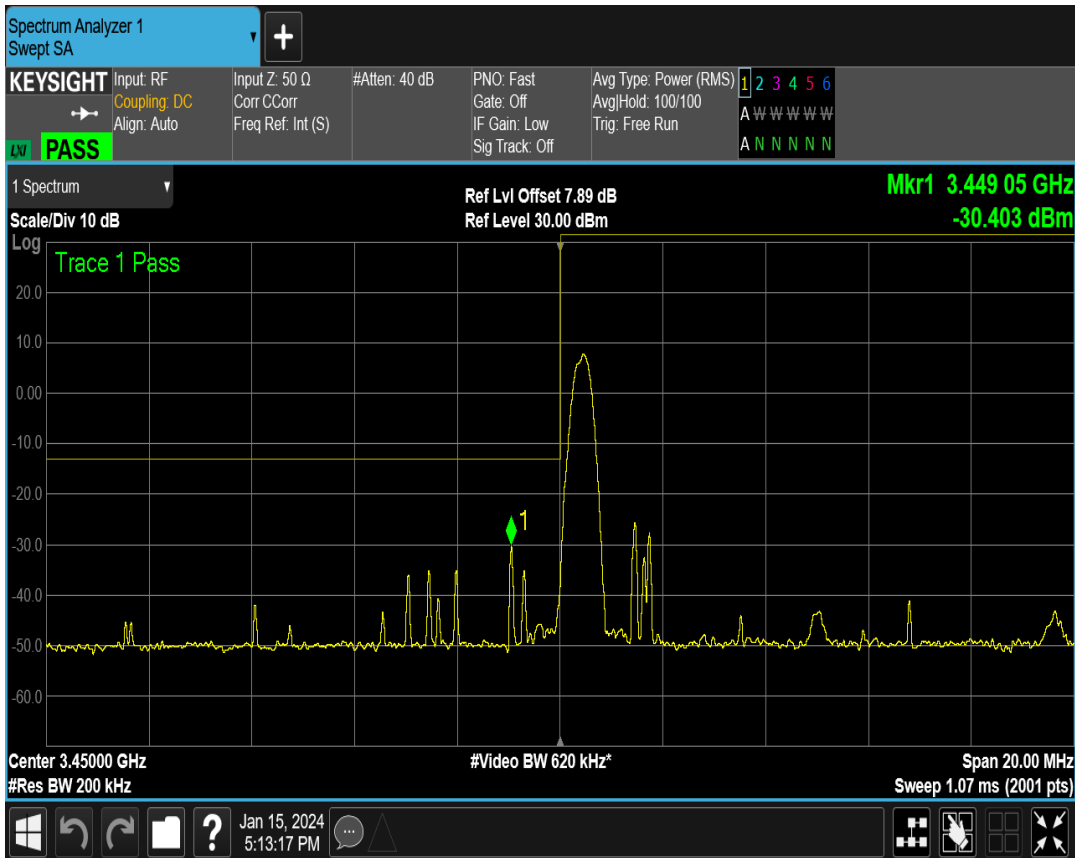
### 5 Band edge for NR FR1

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	-39.30	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.05	-30.40	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3551.07	-41.15	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.02	-20.38	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3450.00	-41.85	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3450.00	-30.51	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-38.43	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.30	-29.02	-13	PASS

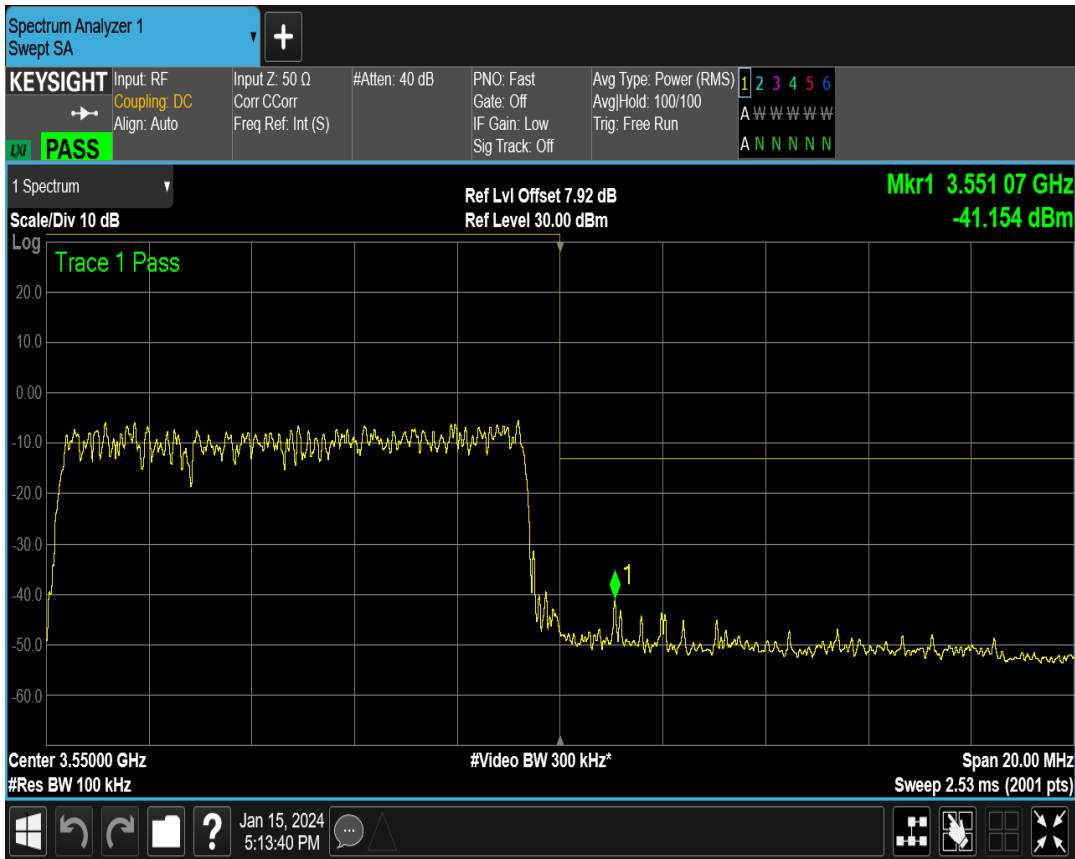
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



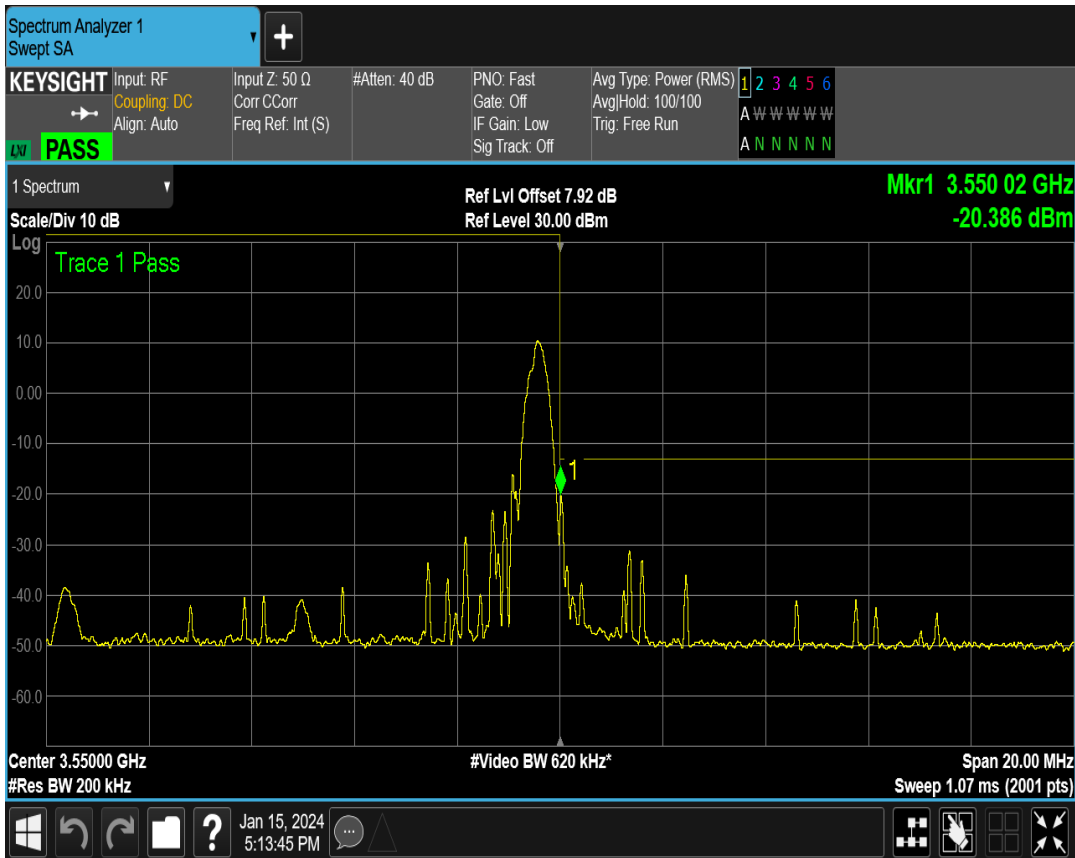
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



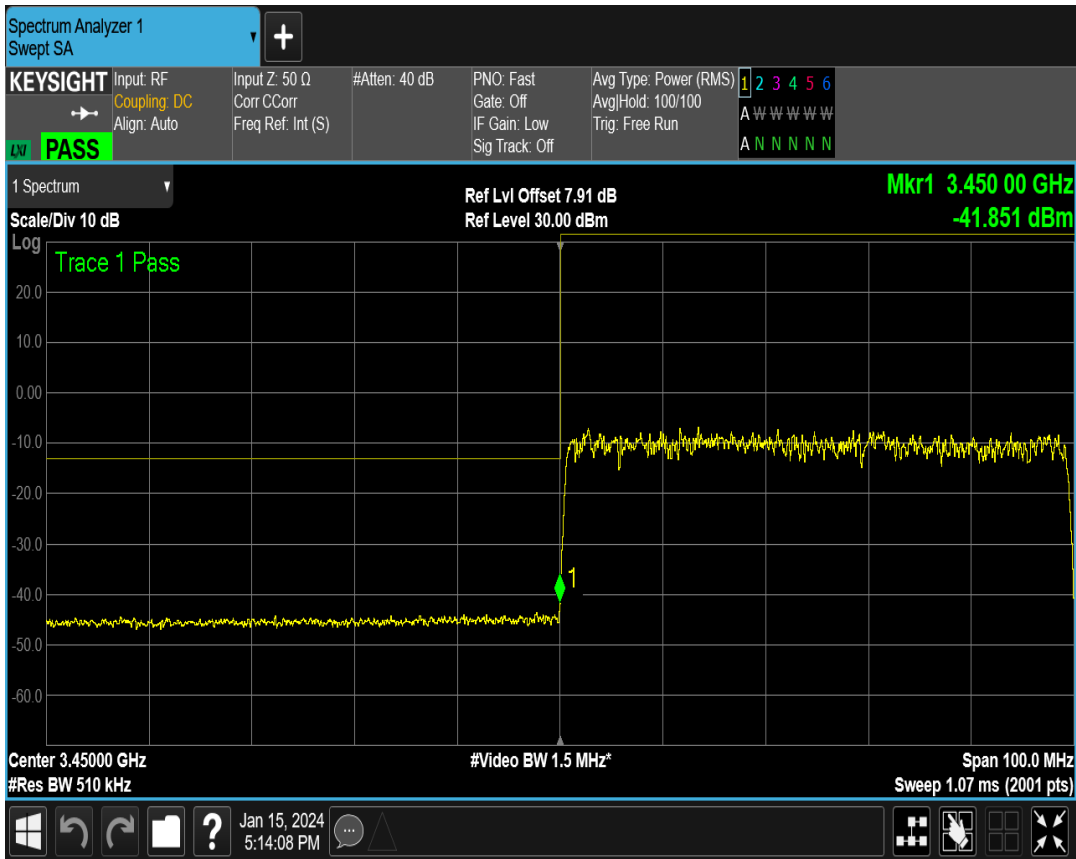
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



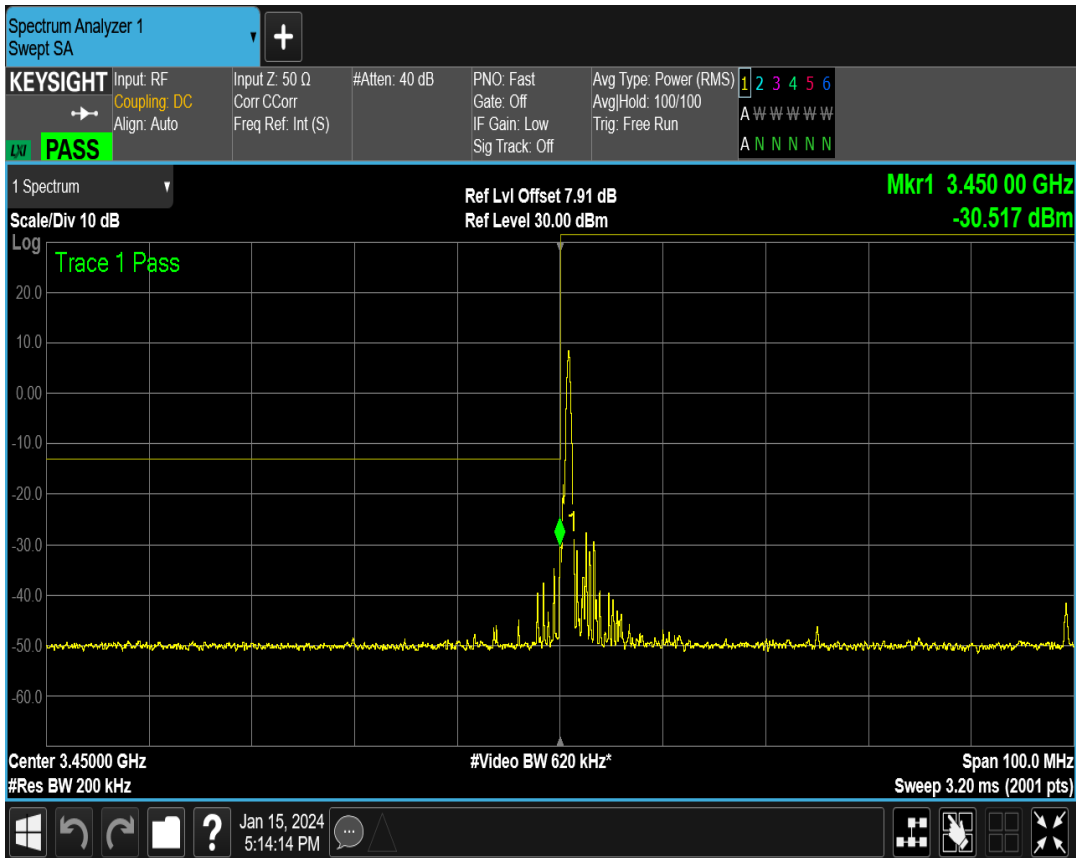
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



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

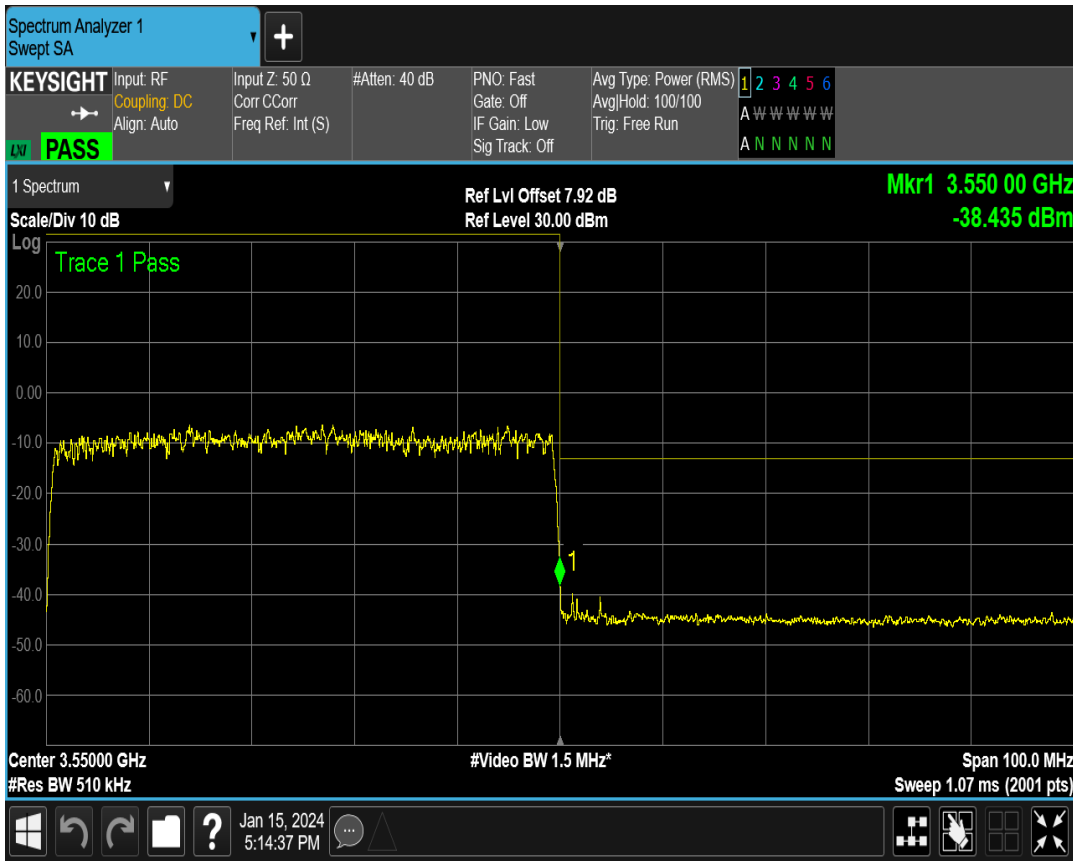


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@0

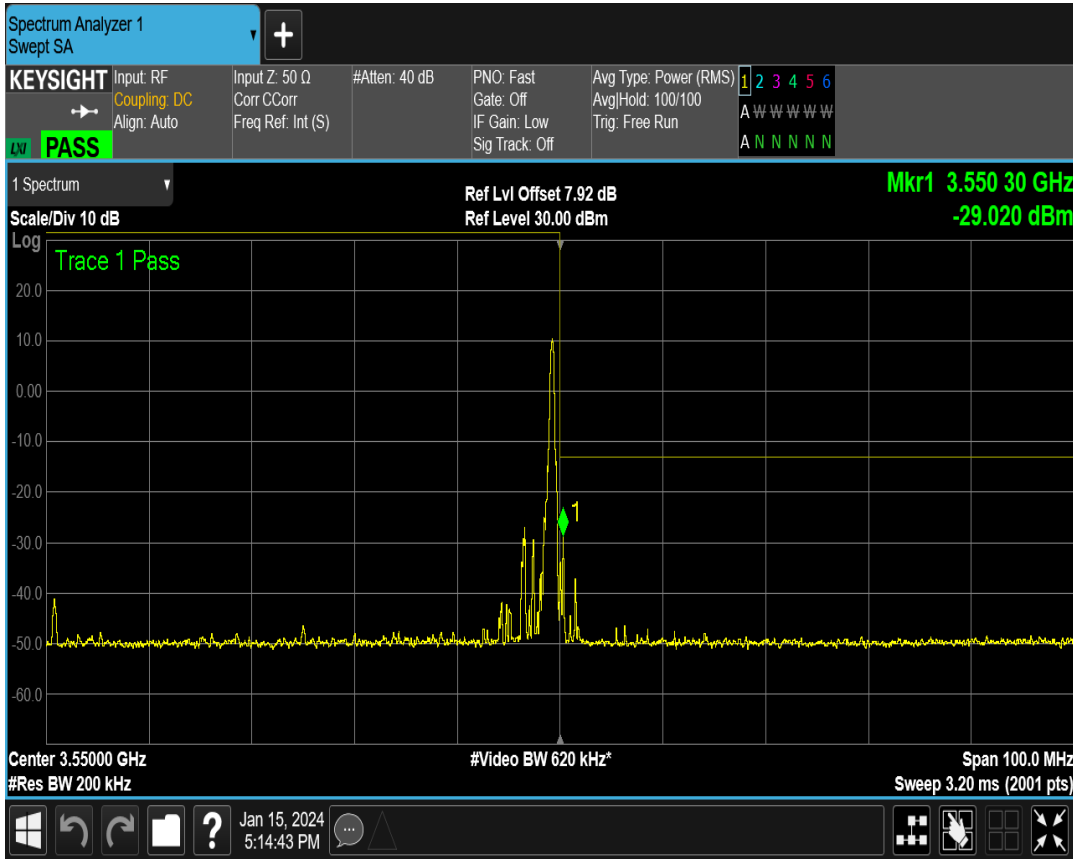




n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270 @0



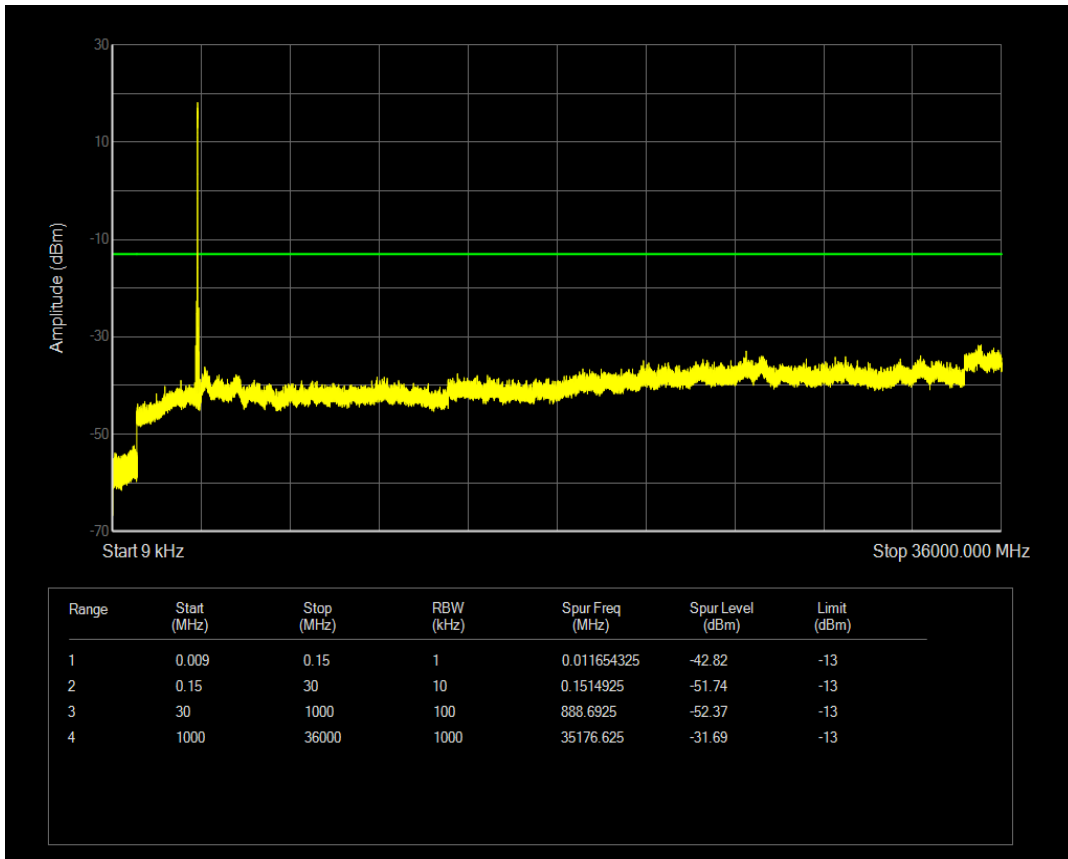
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1 @269



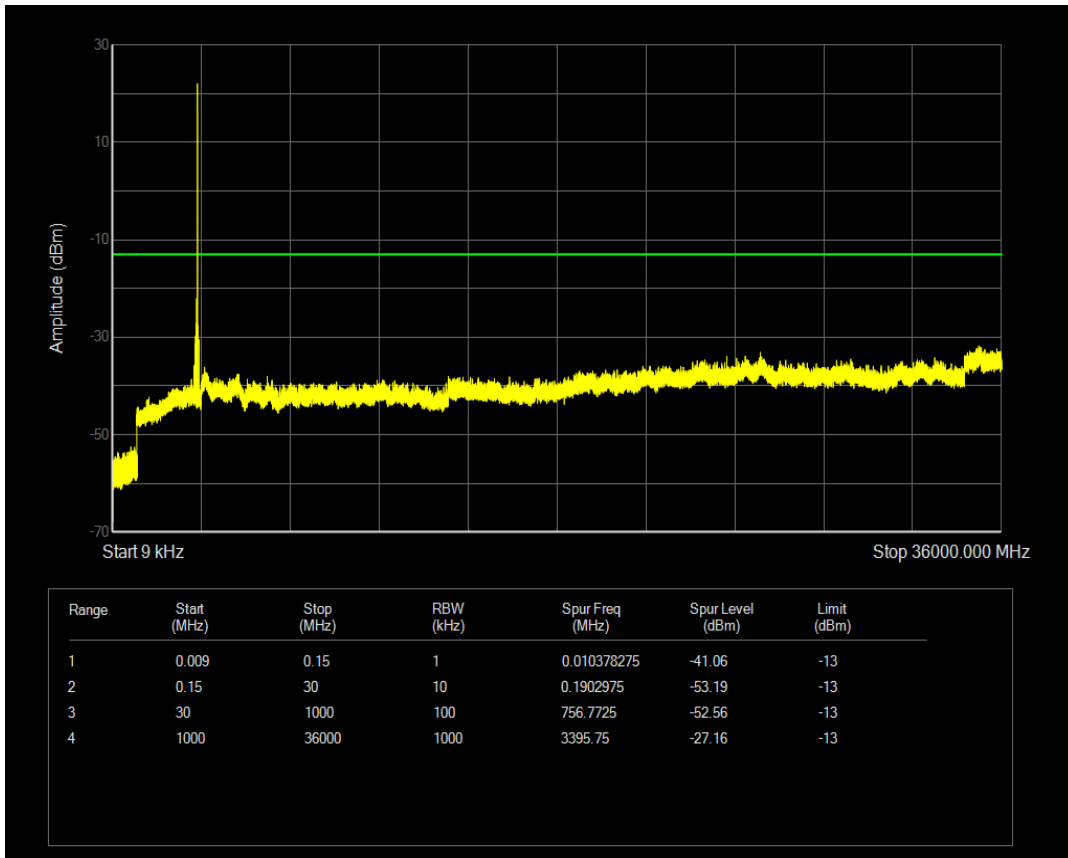
## 6 Out-of-band emissions for NR FR1

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	35176.63	-31.69	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3395.75	-27.16	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	35048.00	-31.27	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	3611.88	-29.95	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	35050.63	-31.37	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	35118.00	-32.18	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	35168.75	-31.42	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	34878.25	-30.98	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	35090.88	-31.59	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	35158.25	-31.46	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	35097.88	-31.11	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	35160.88	-31.62	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	35111.88	-31.67	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	35070.75	-31.13	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	35034.88	-31.82	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	35006.88	-31.22	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	35057.63	-31.48	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	35129.38	-31.14	-13	PASS

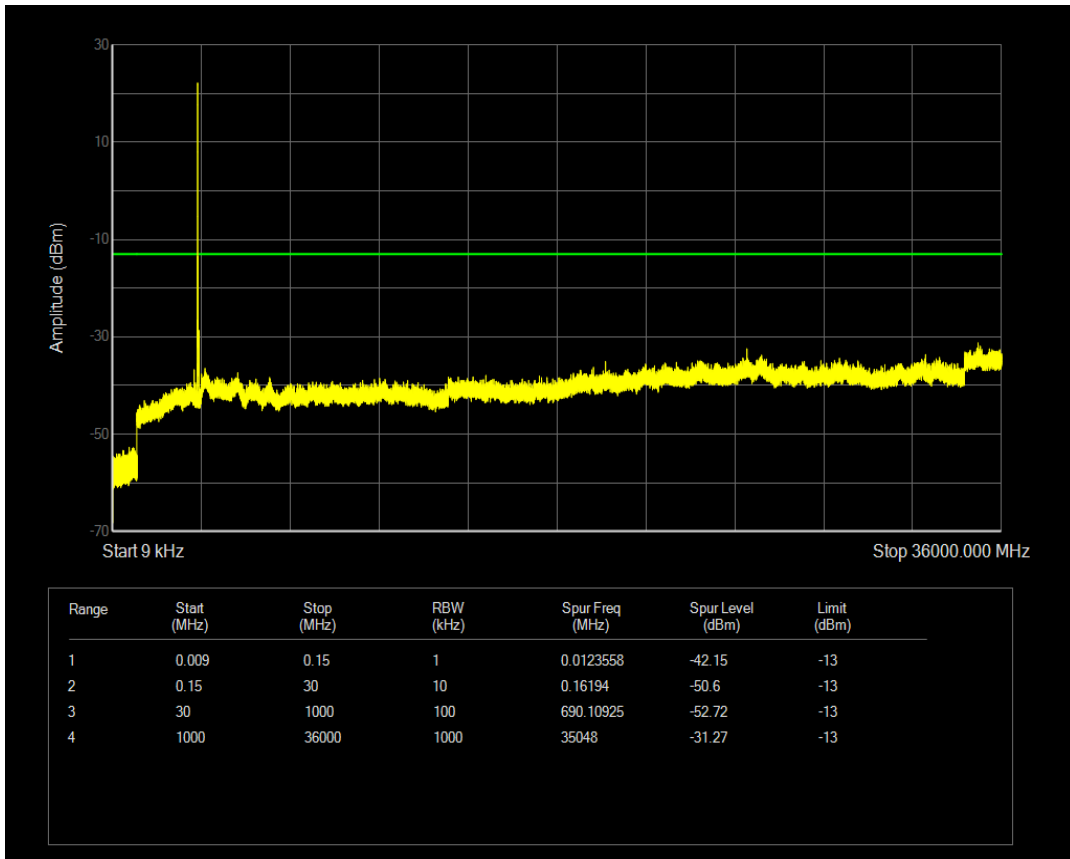
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



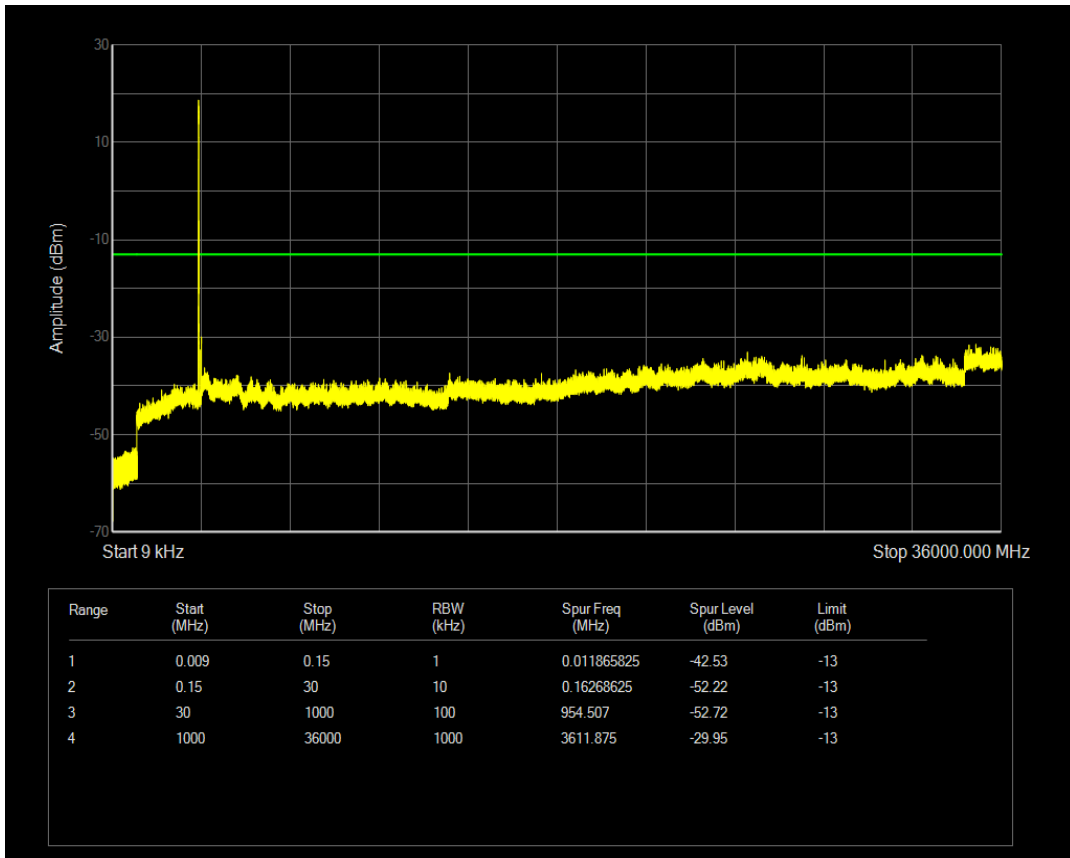
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



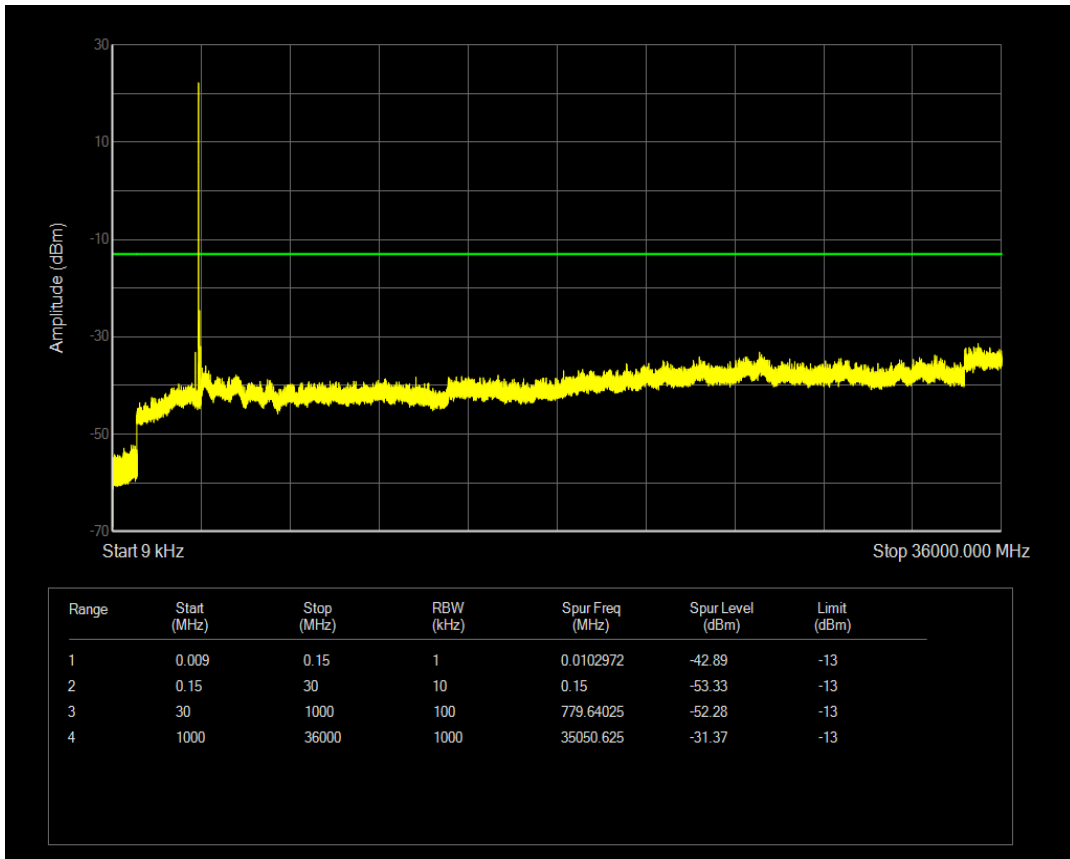
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51



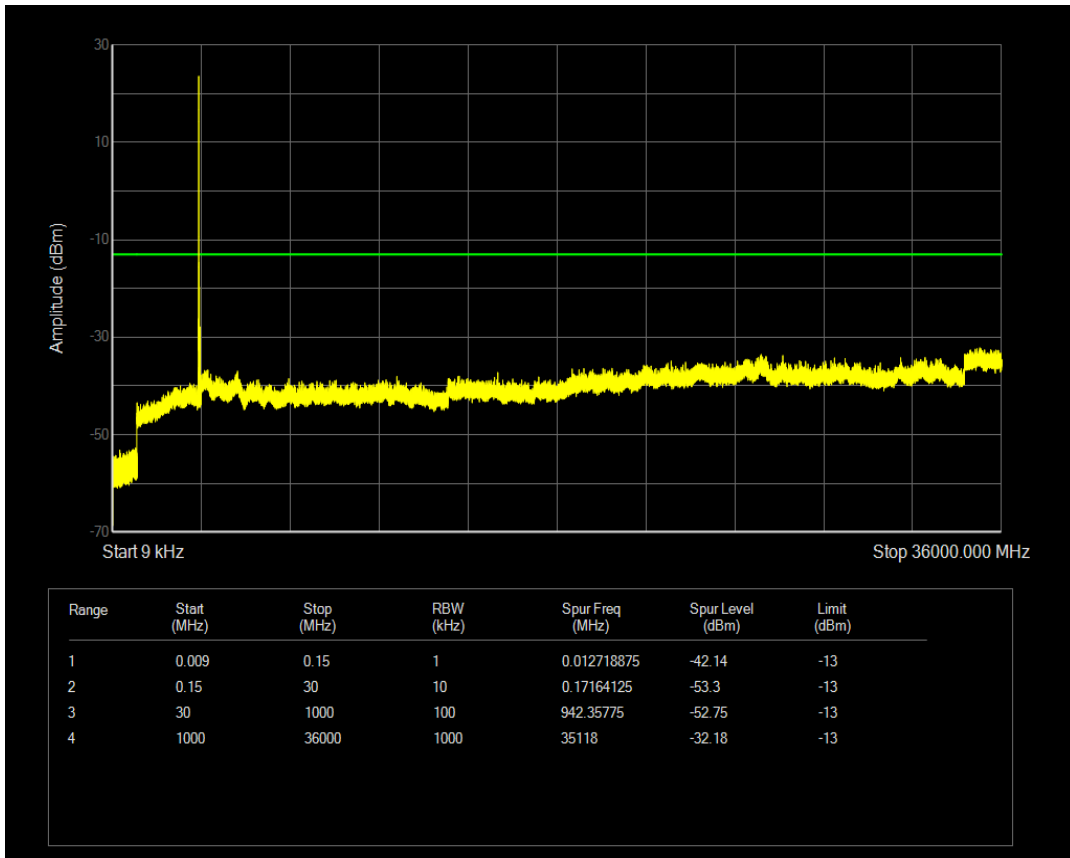
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0



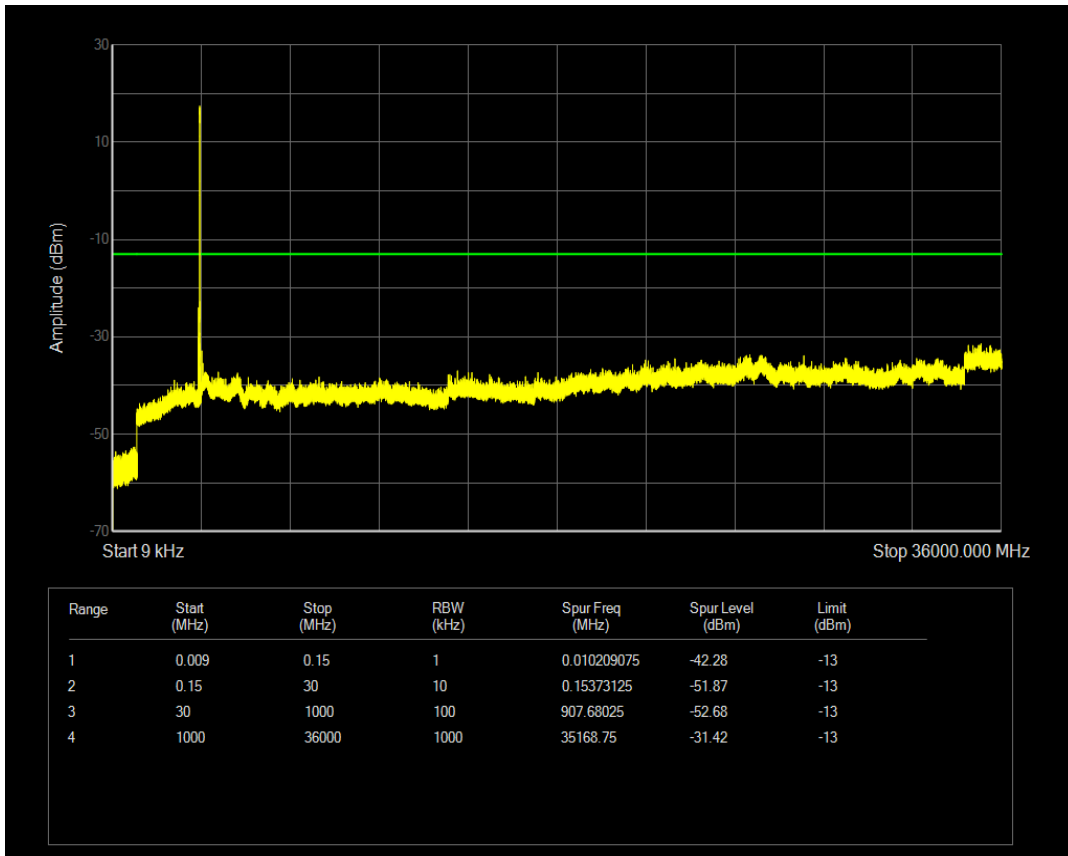
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1 @0



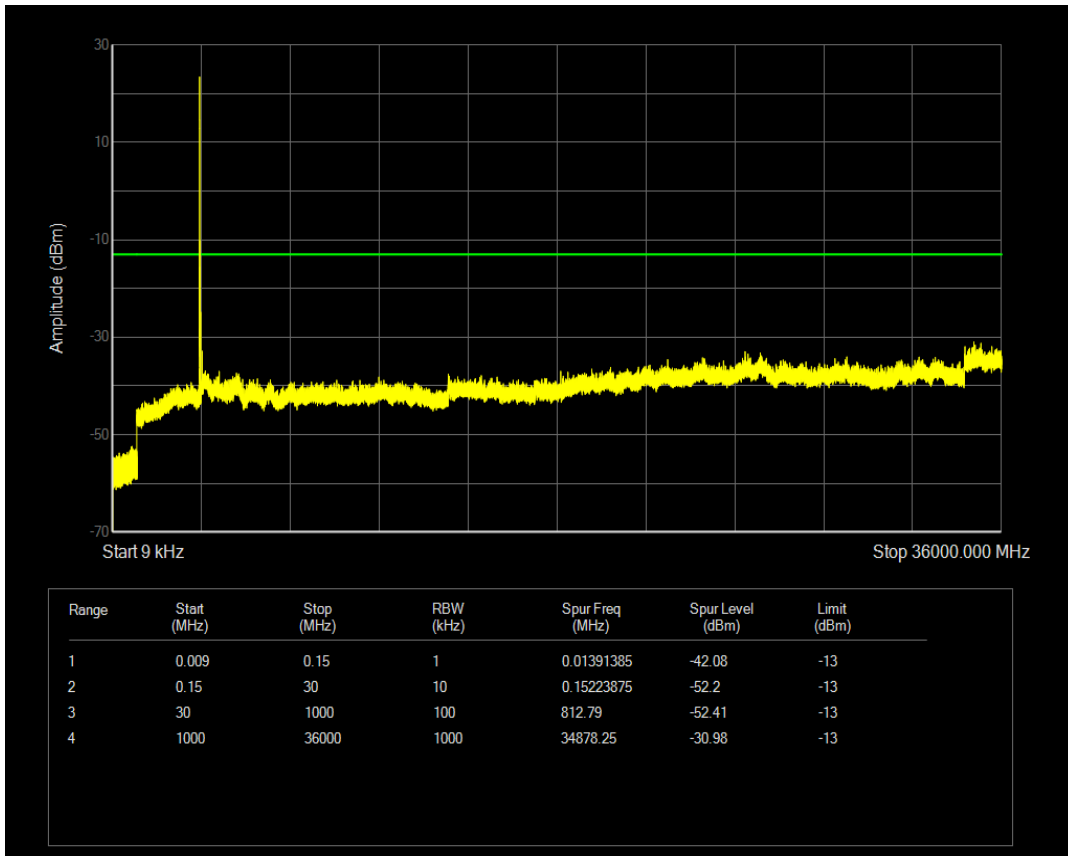
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1 @51



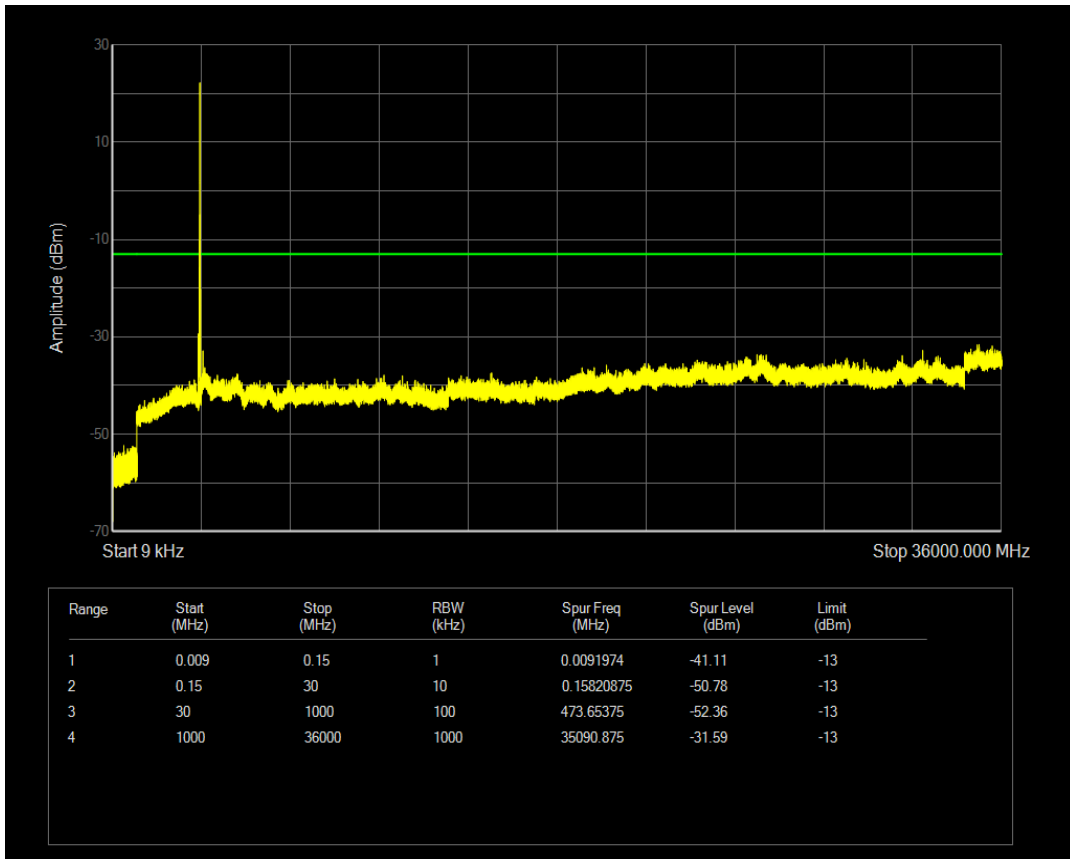
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



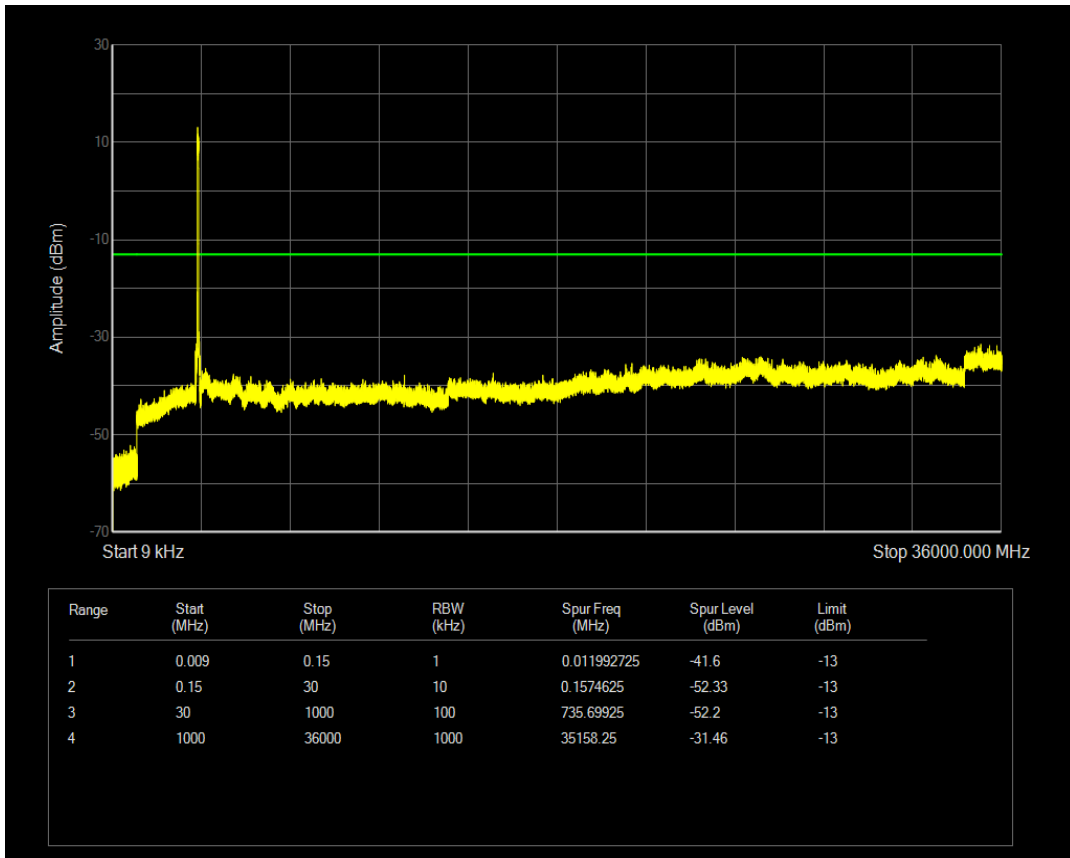
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



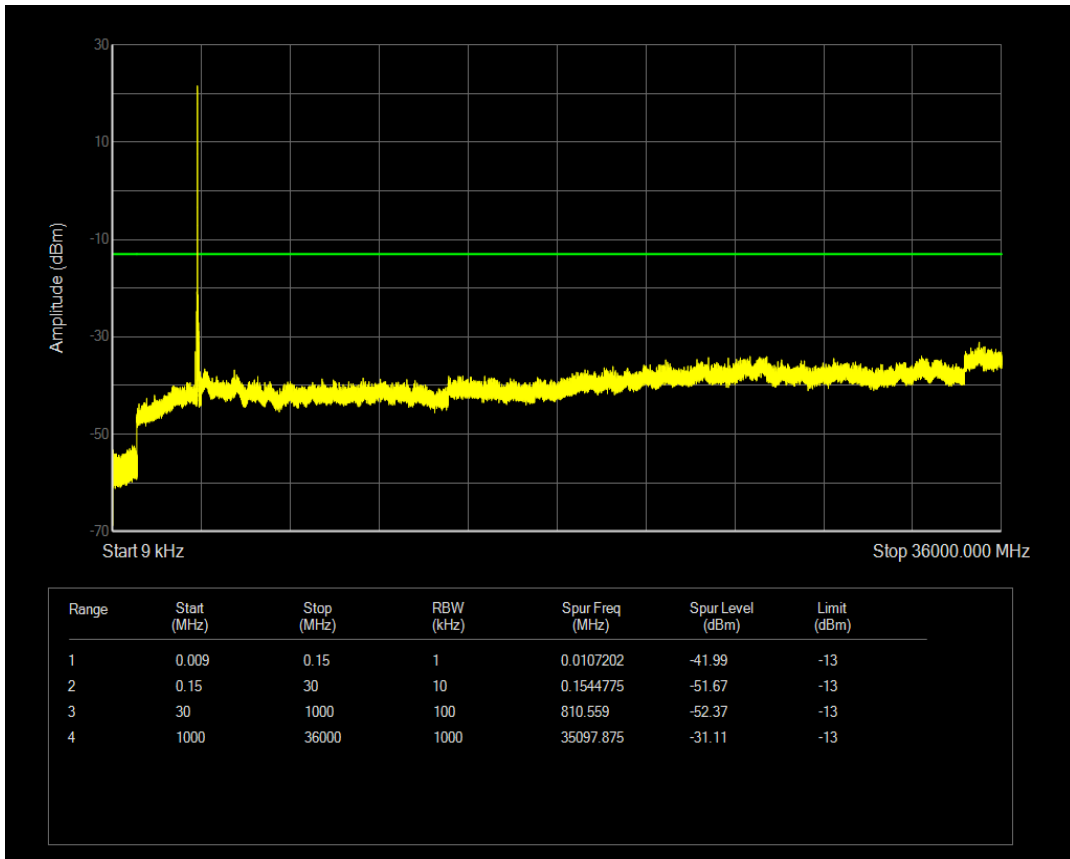
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



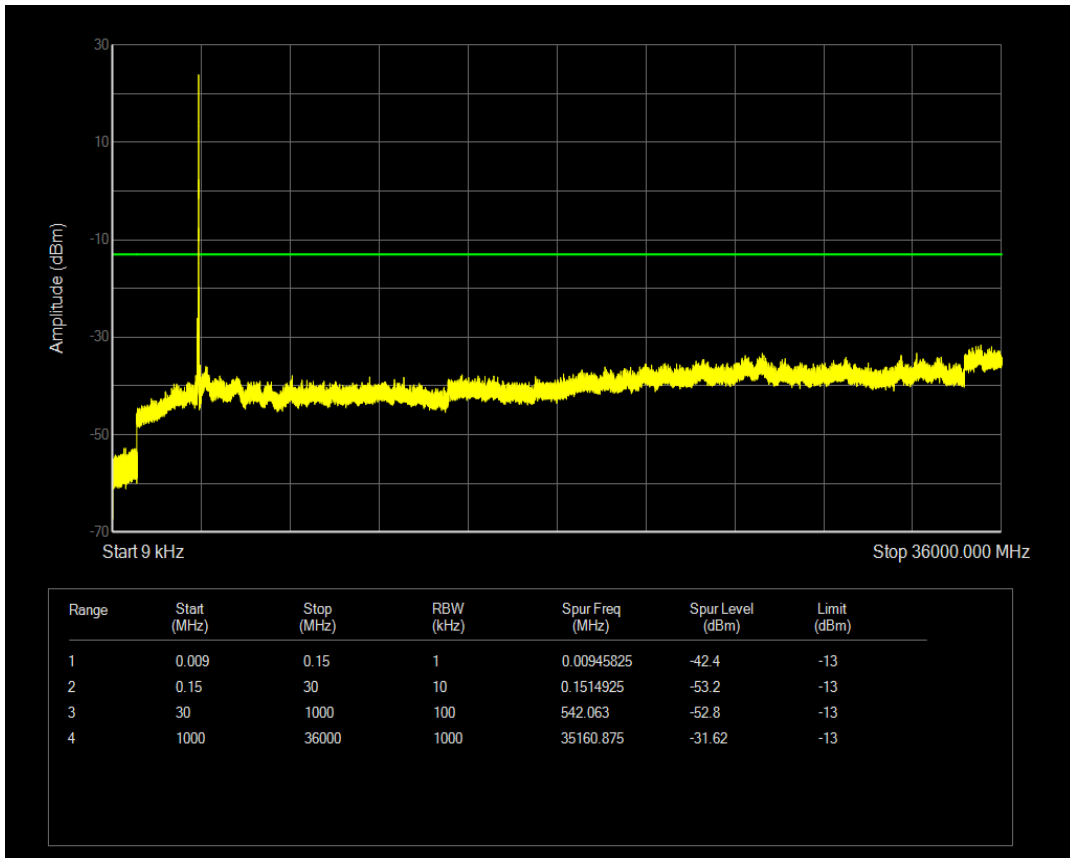
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



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

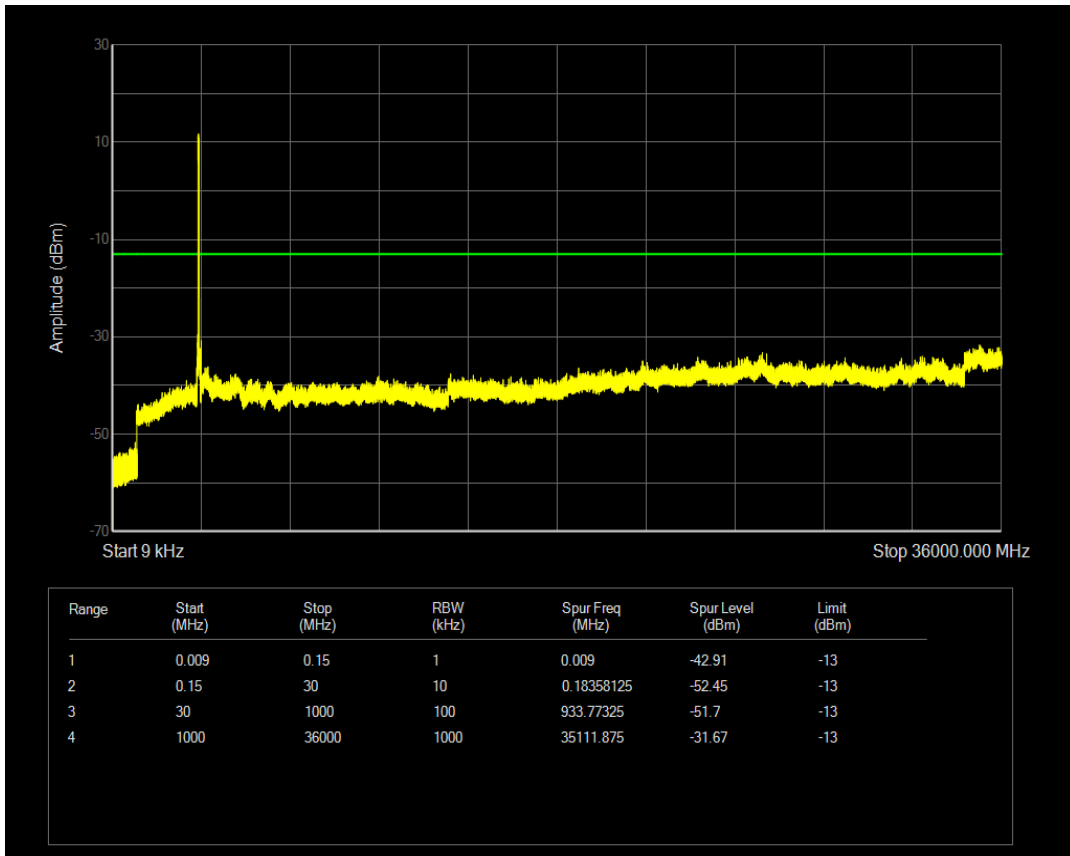


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1 @269

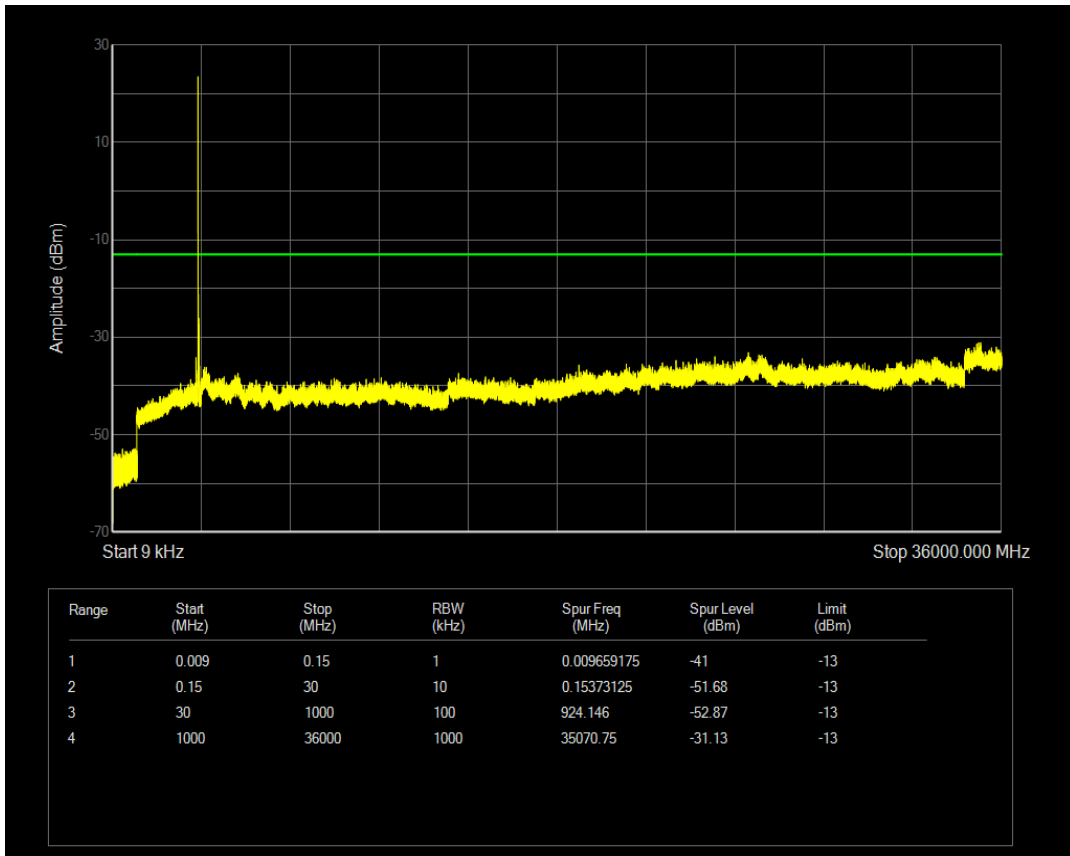




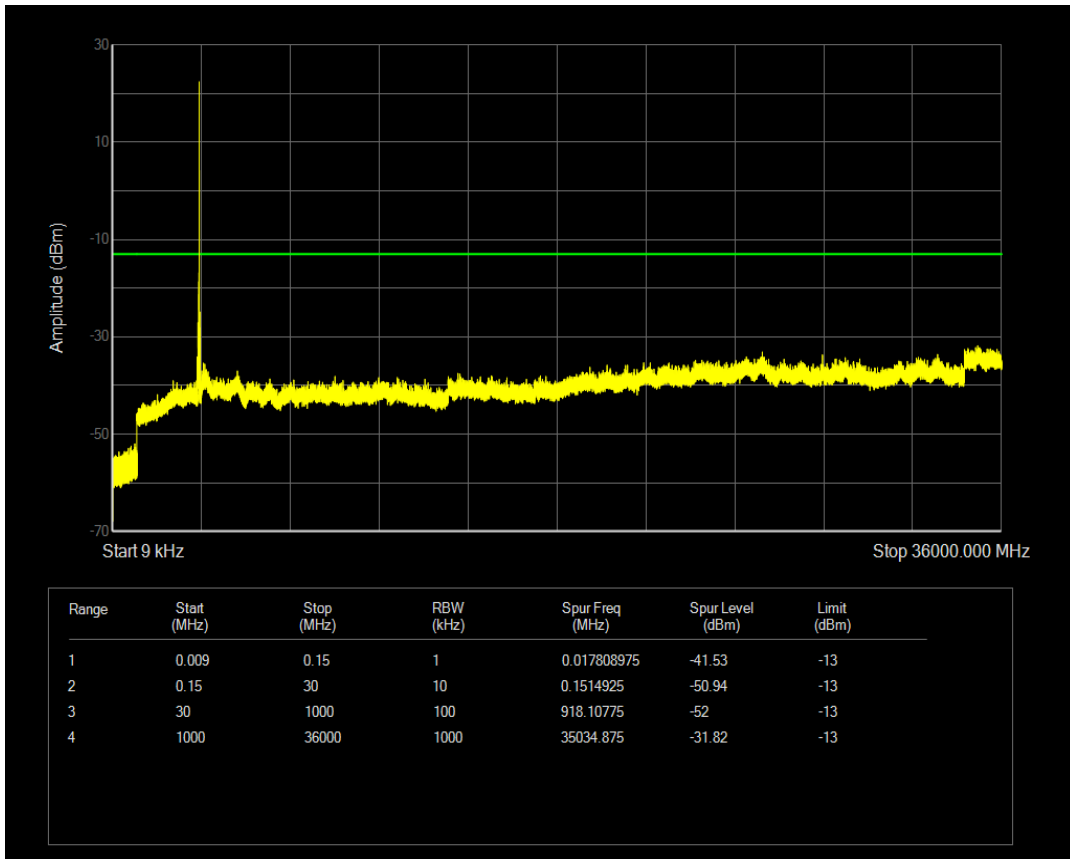
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



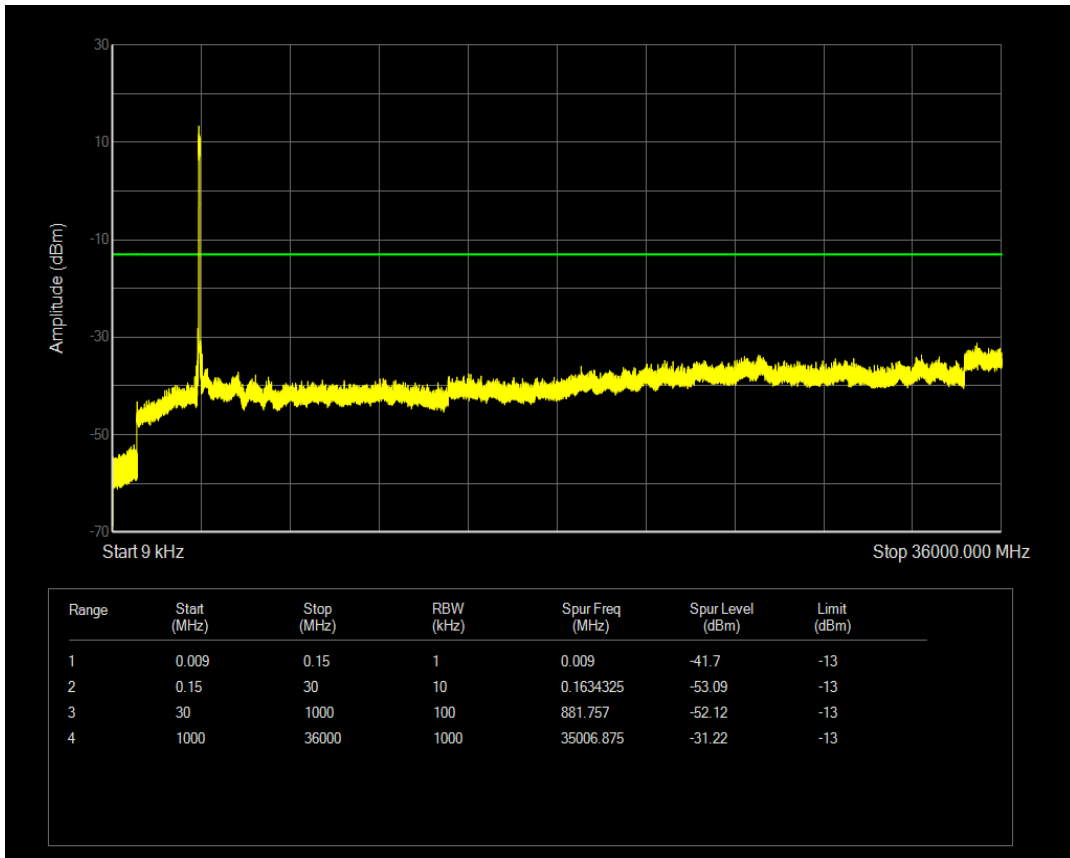
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@0



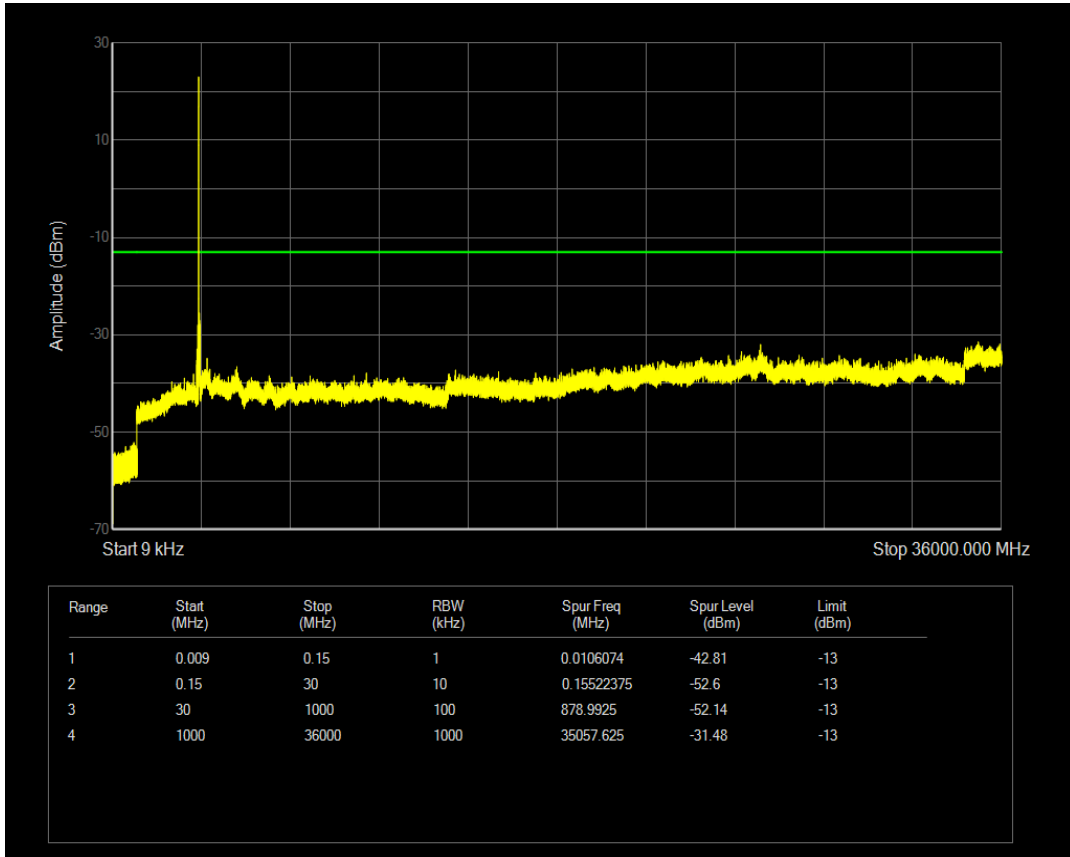
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1 @269



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



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

