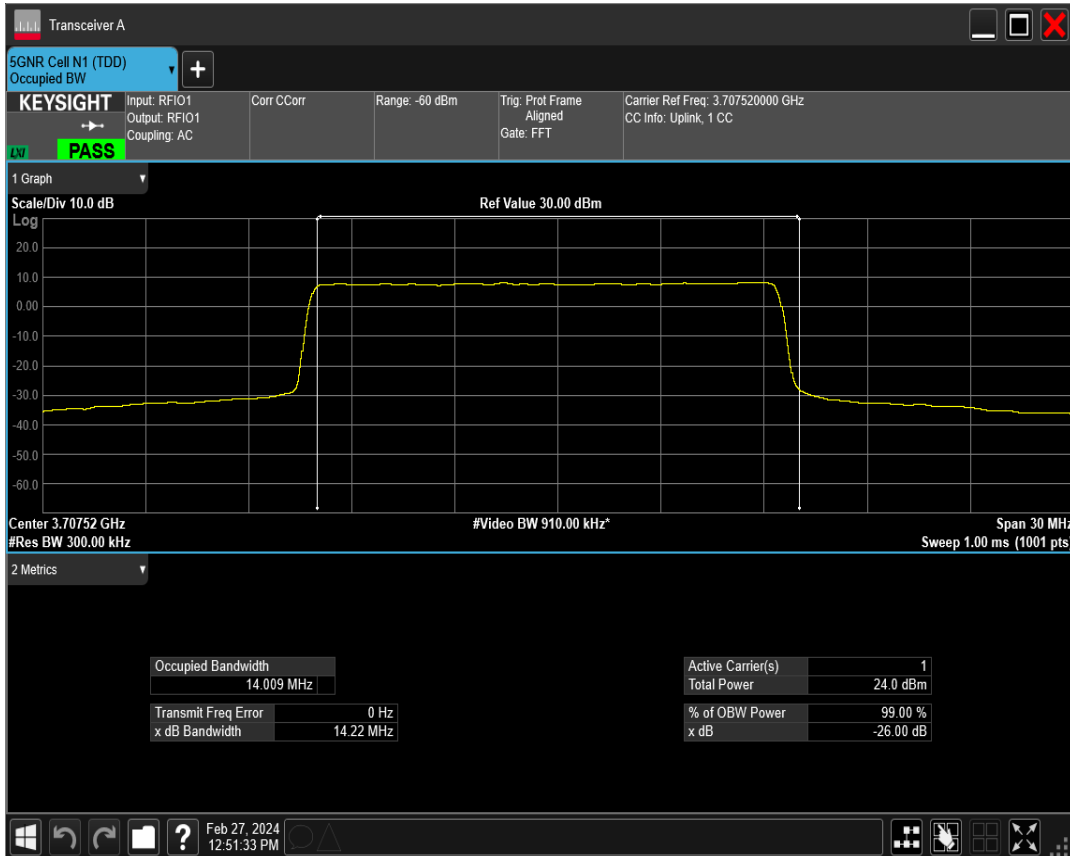


n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=647168 RB=75@0



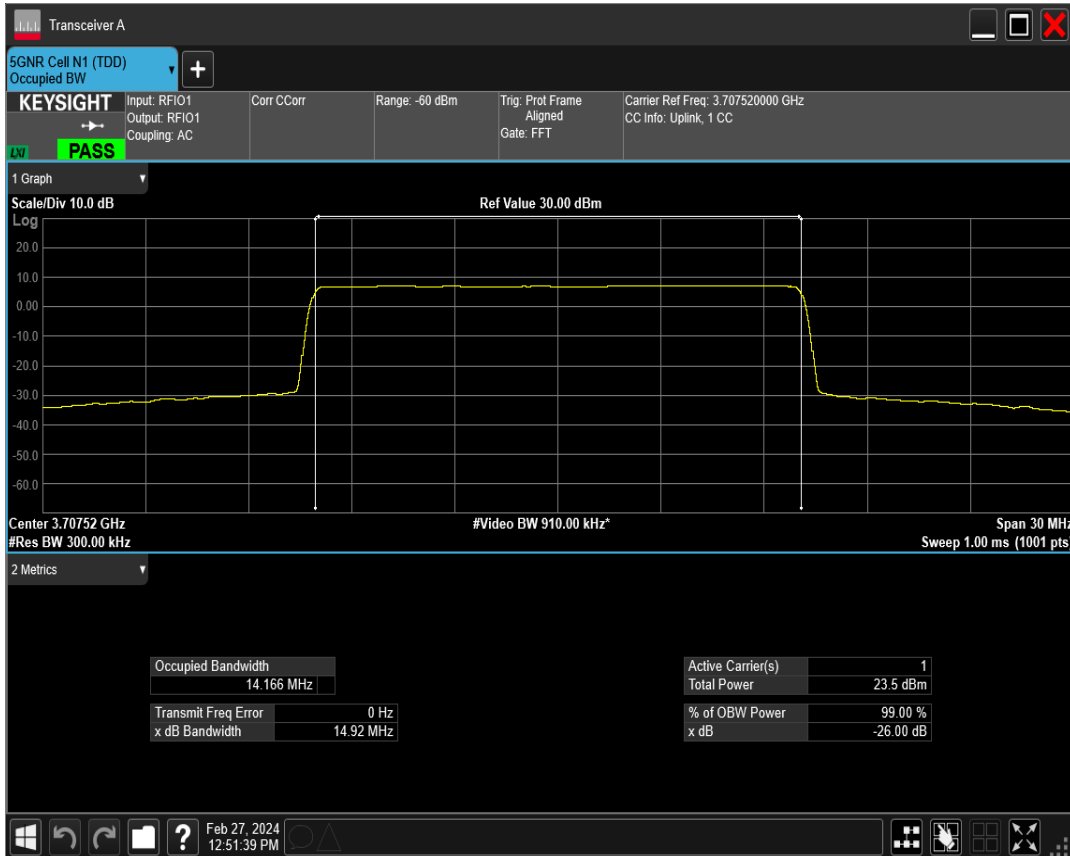
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=647168 RB=75@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=647168 RB=75@0



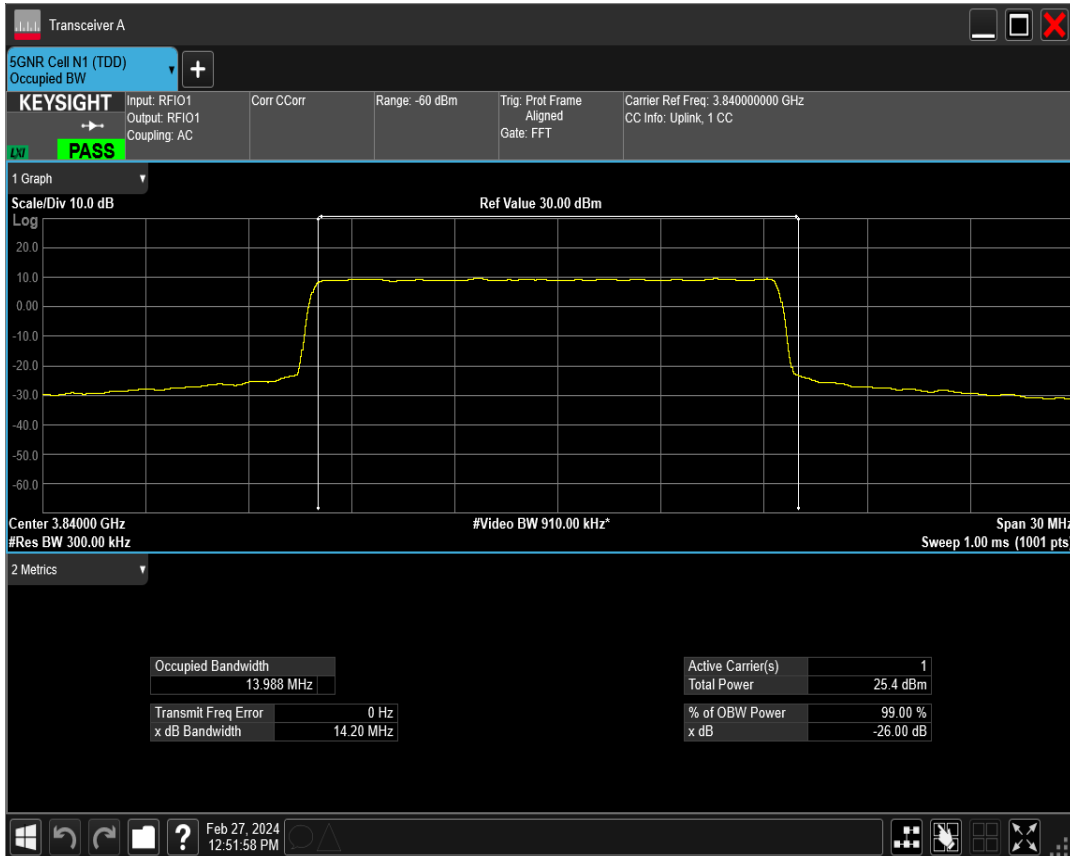
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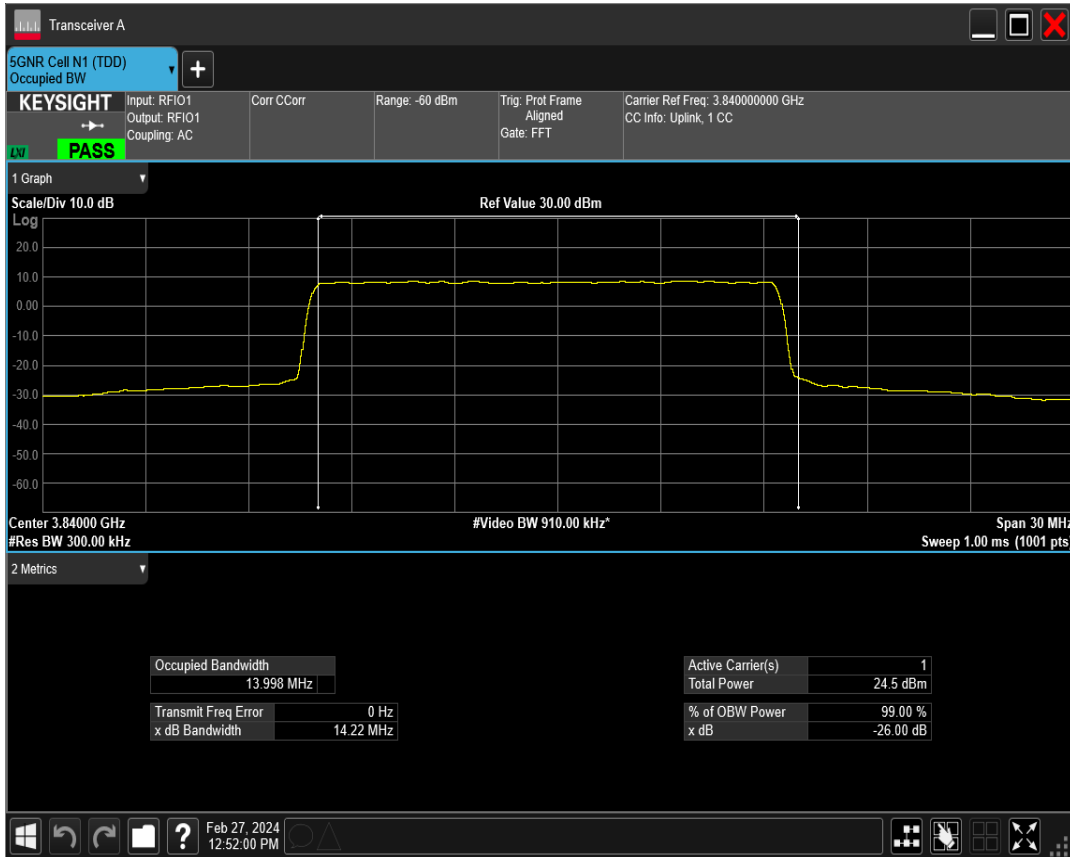
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=15MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=656000 RB=75@0



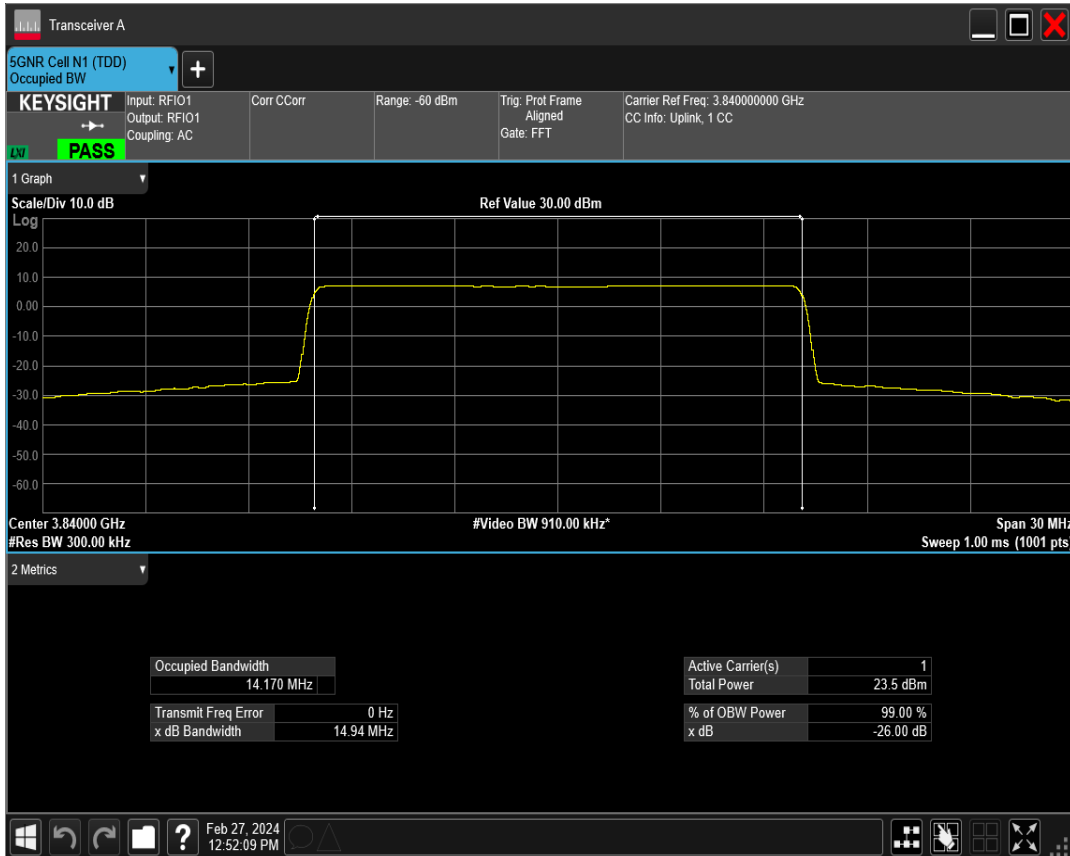
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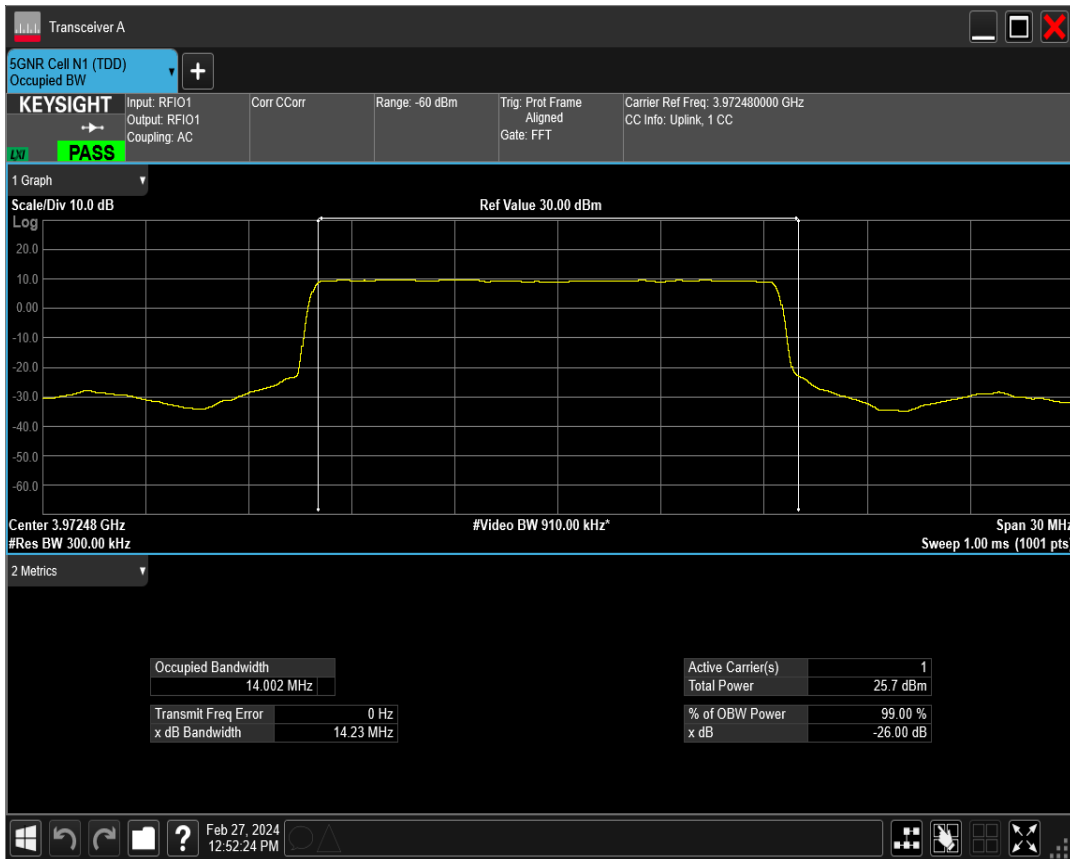
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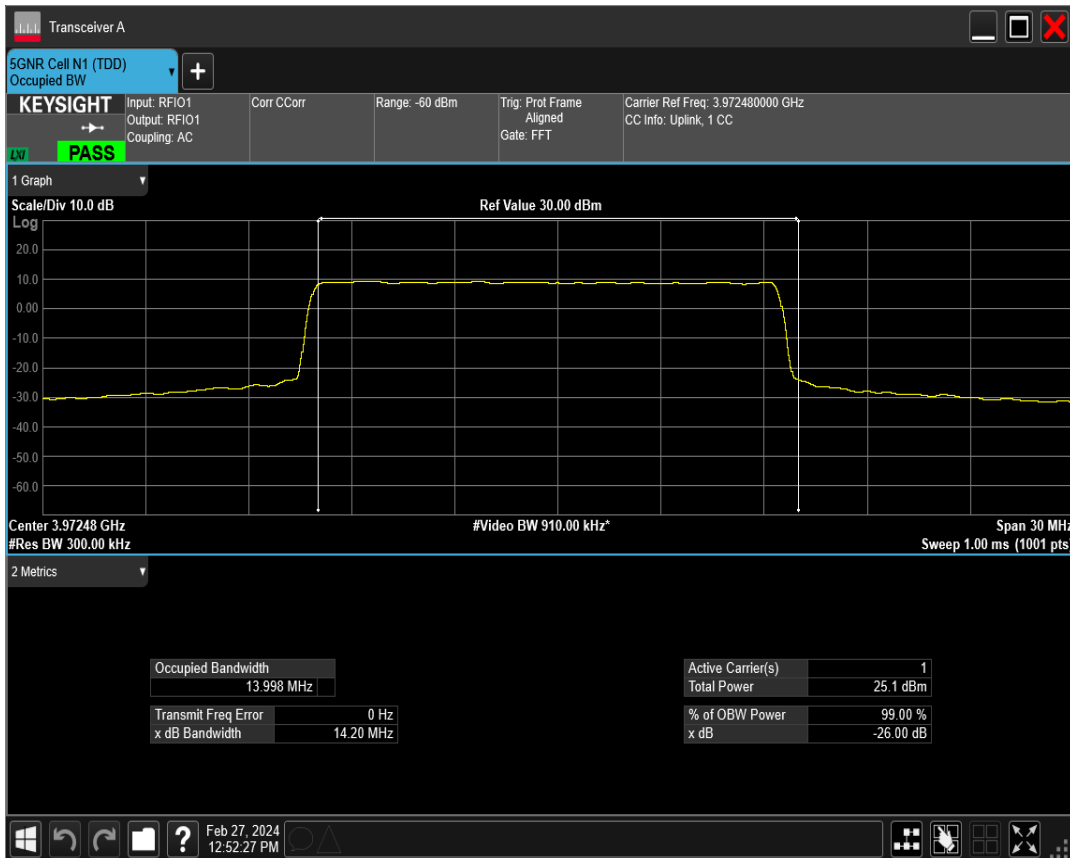
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=664832 RB=75@0



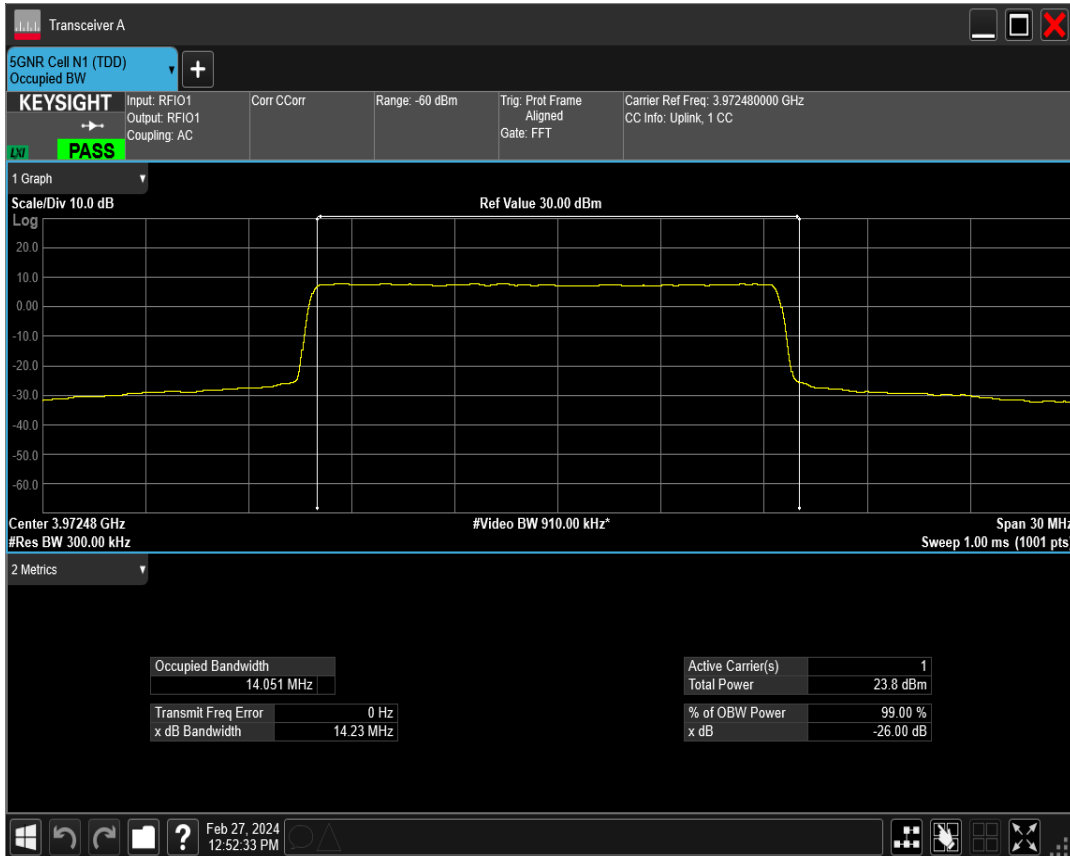
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=15MHz Channel=664832 RB=75@0



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=664832 RB=75@0



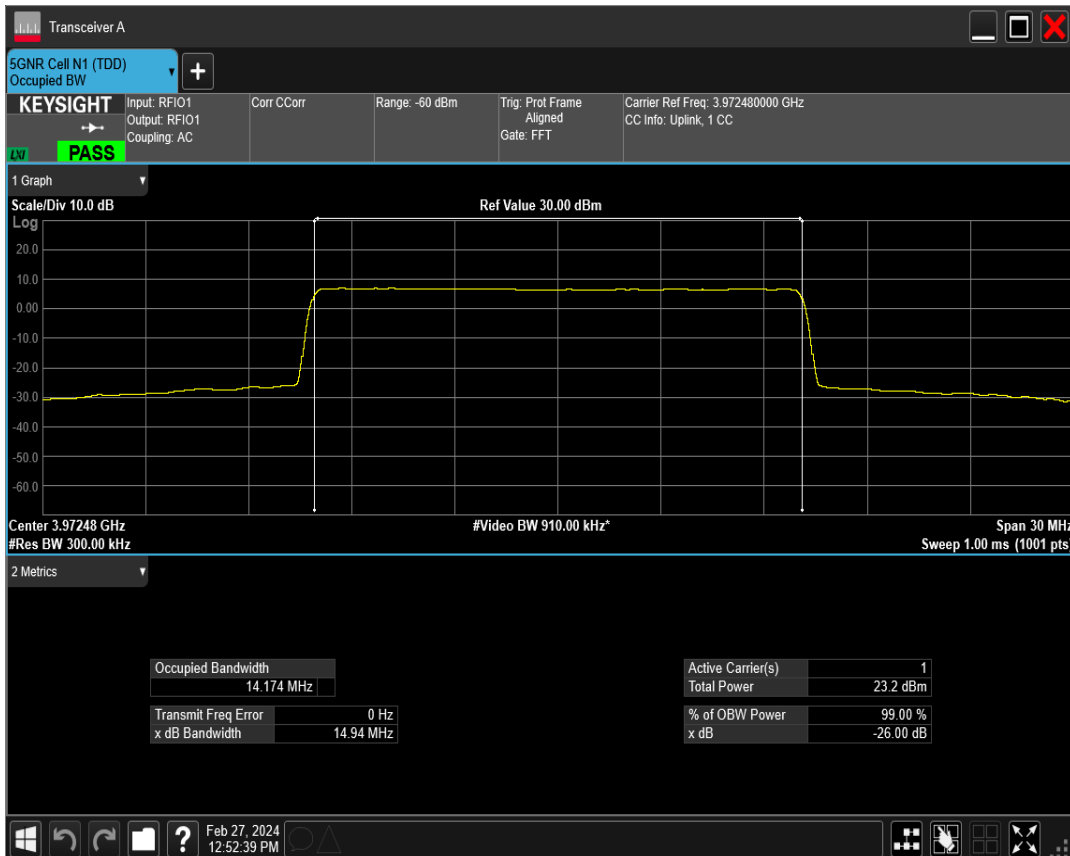
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=664832 RB=75@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=664832 RB=75@0

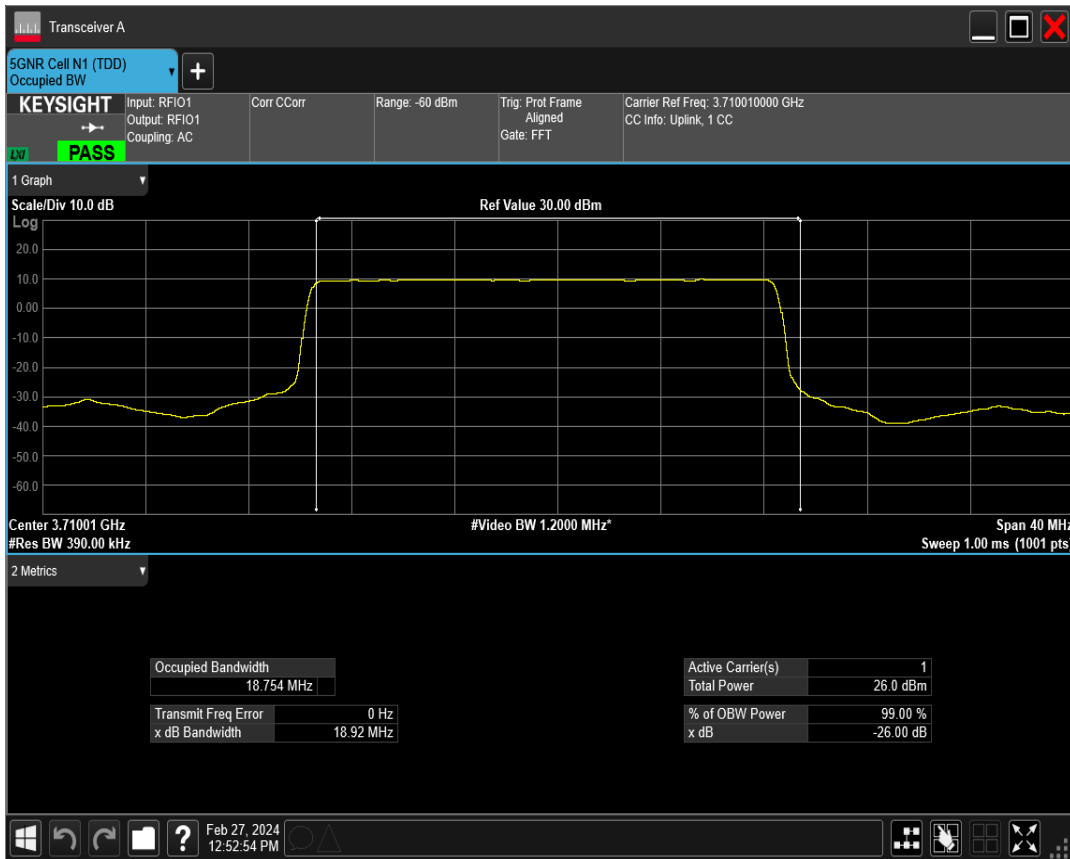


n77(3700-3980) SCS=15kHz CP\_QPSK BW=15MHz Channel=664832 RB=79@0

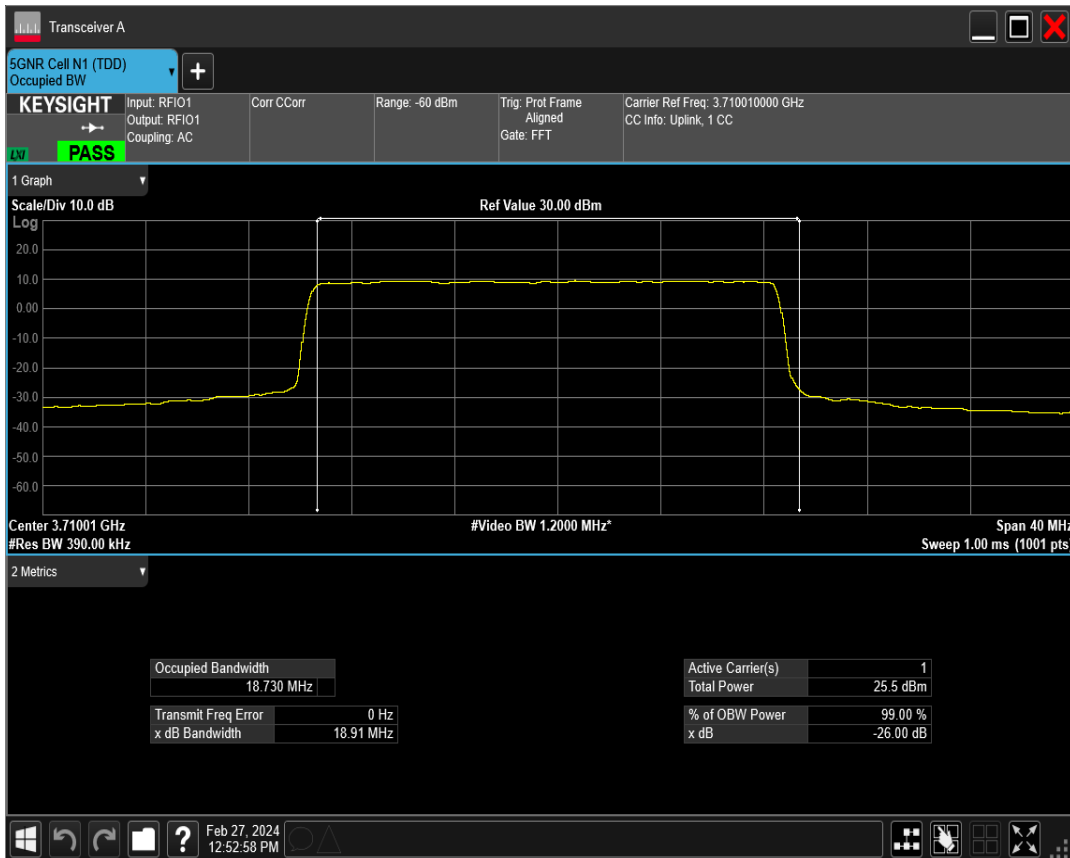




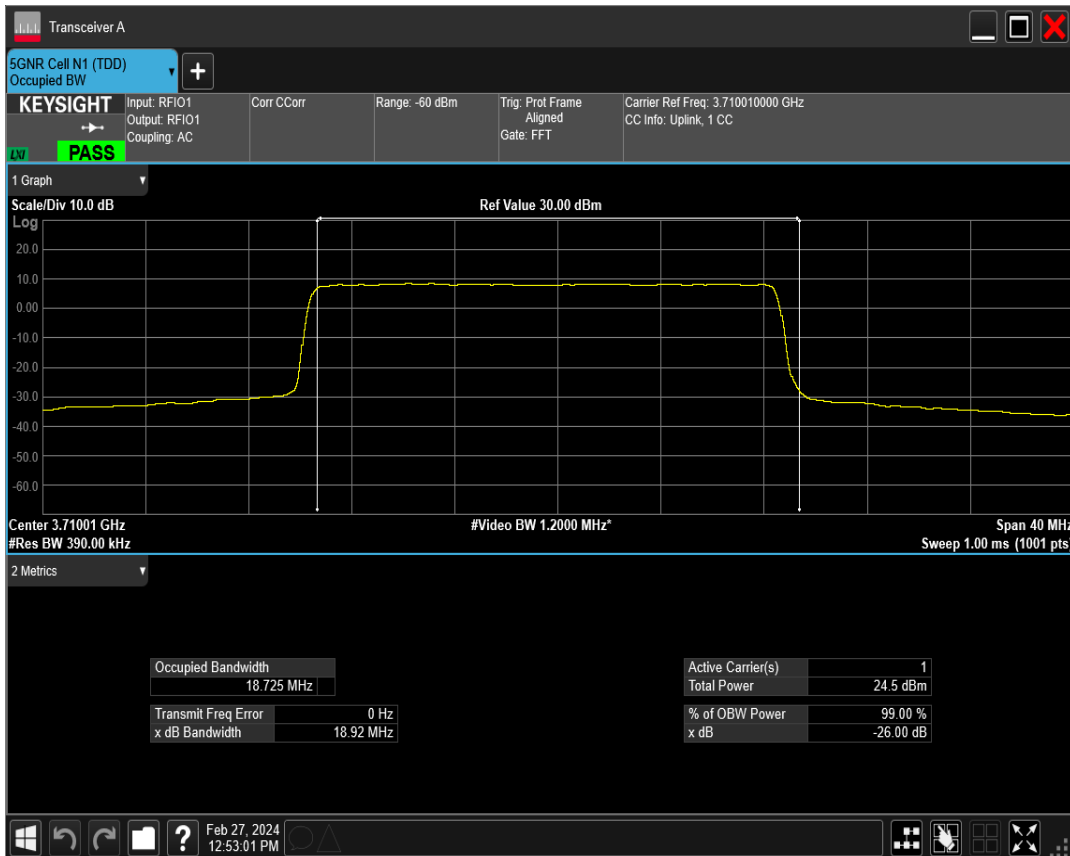
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=647334 RB=100@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=100@0



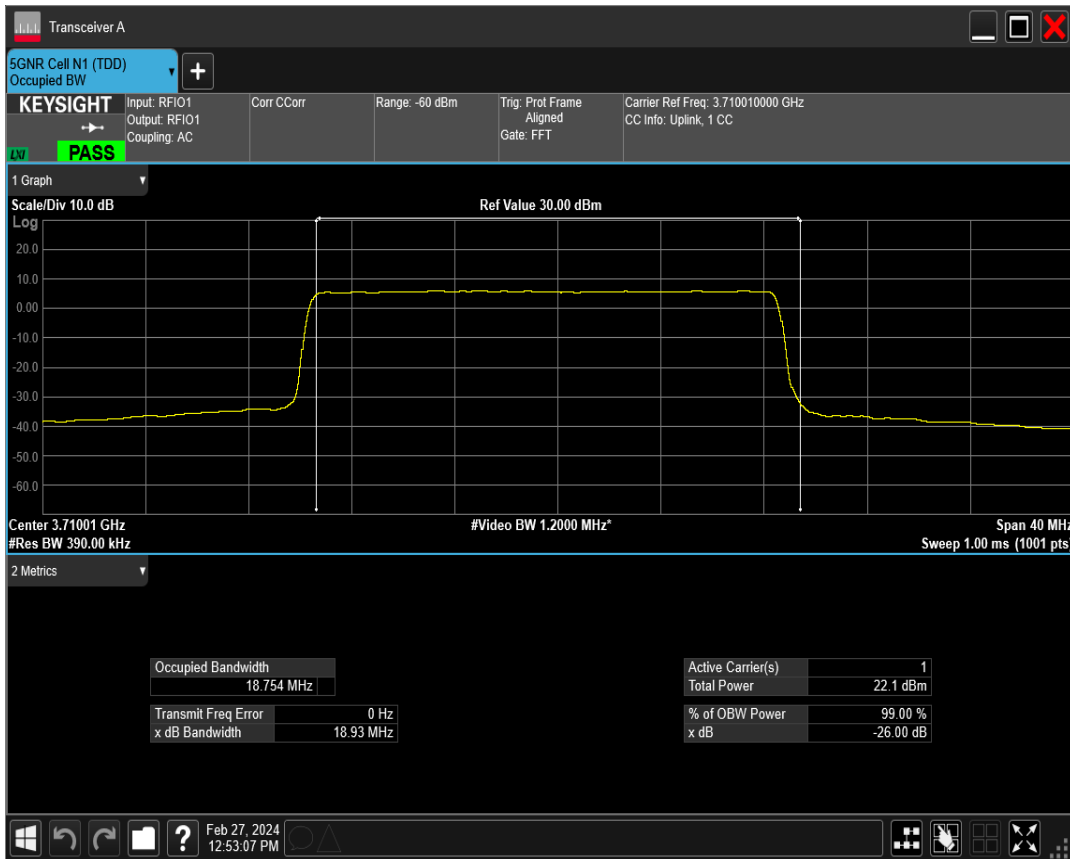
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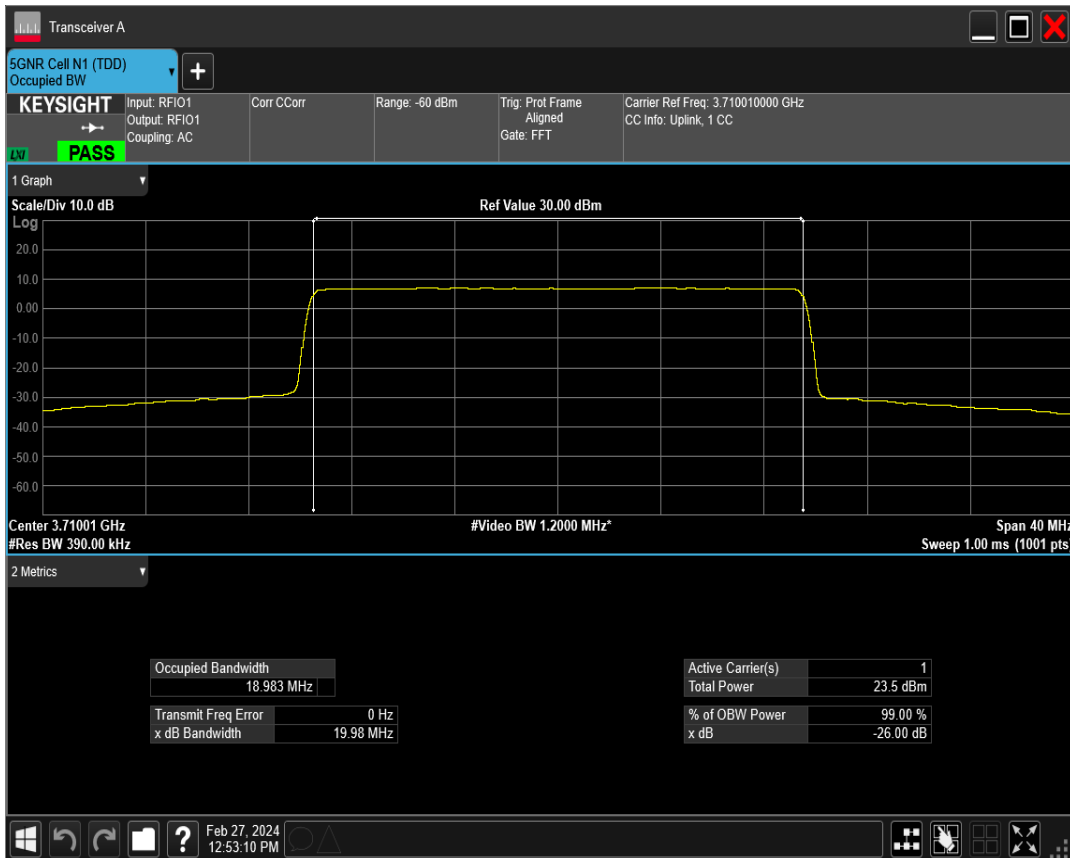
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=647334 RB=100@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=647334 RB=100@0



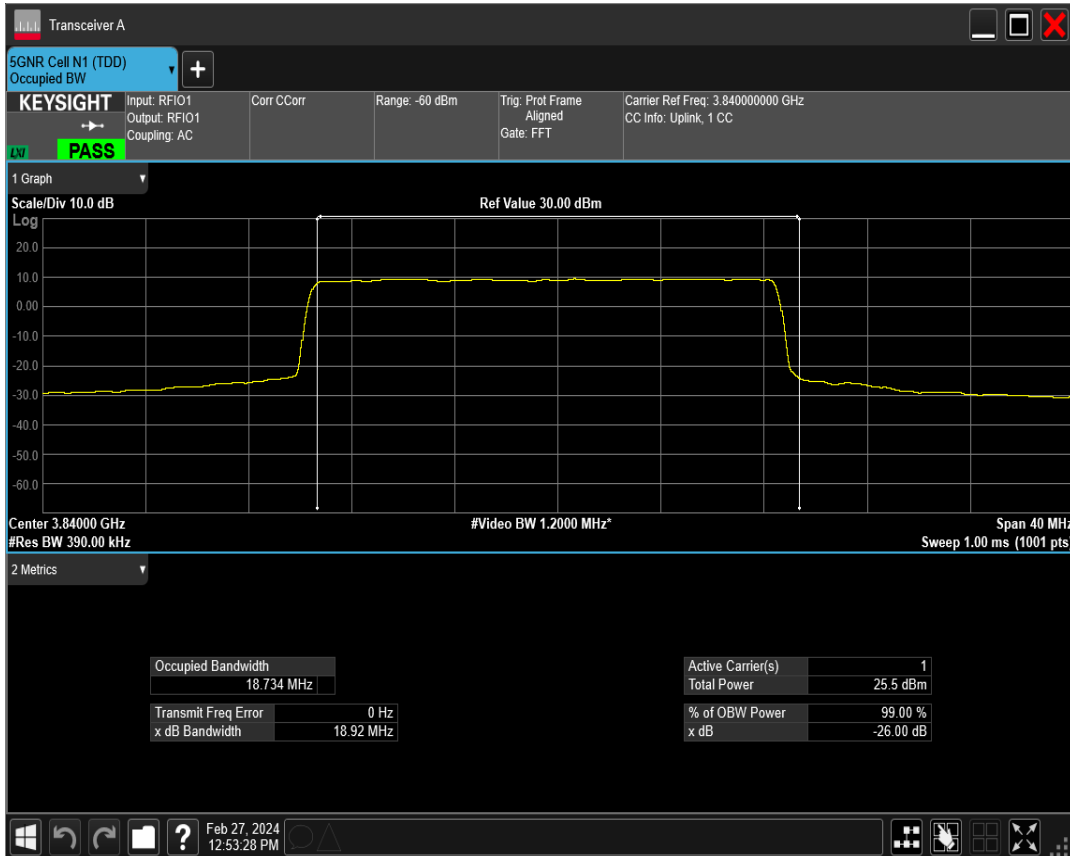
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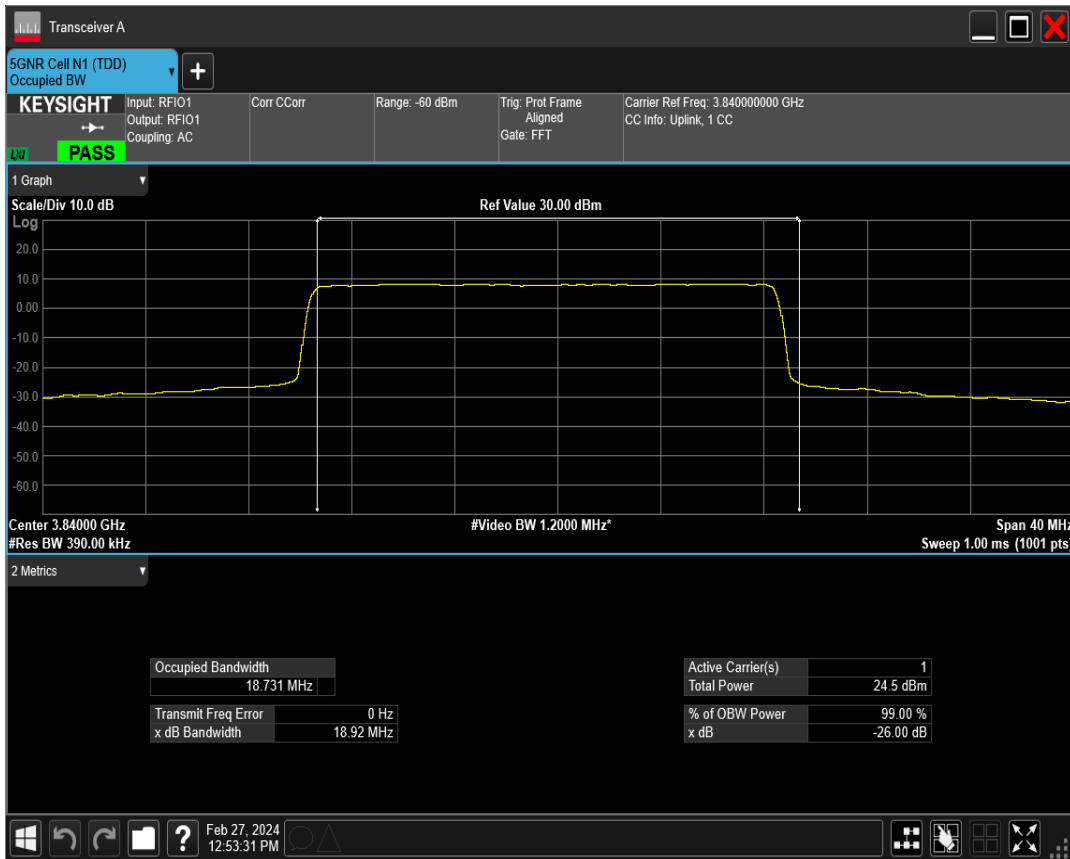
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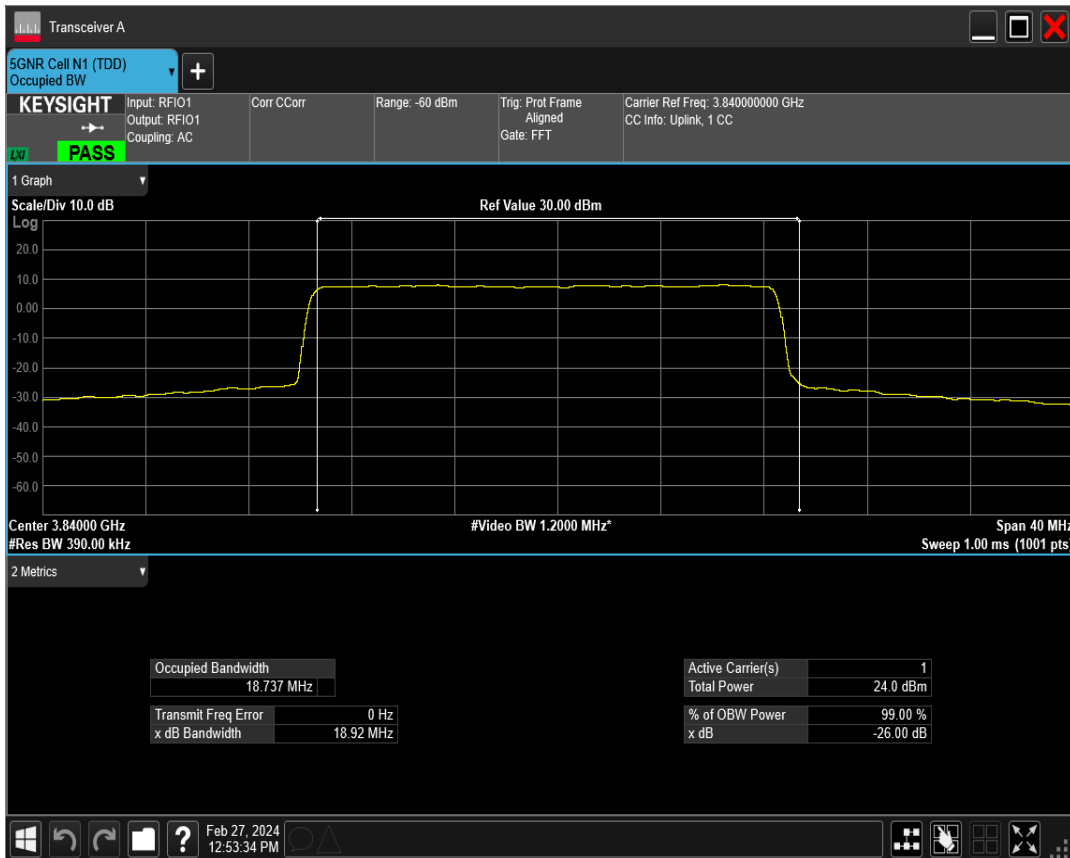
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=656000 RB=100@0



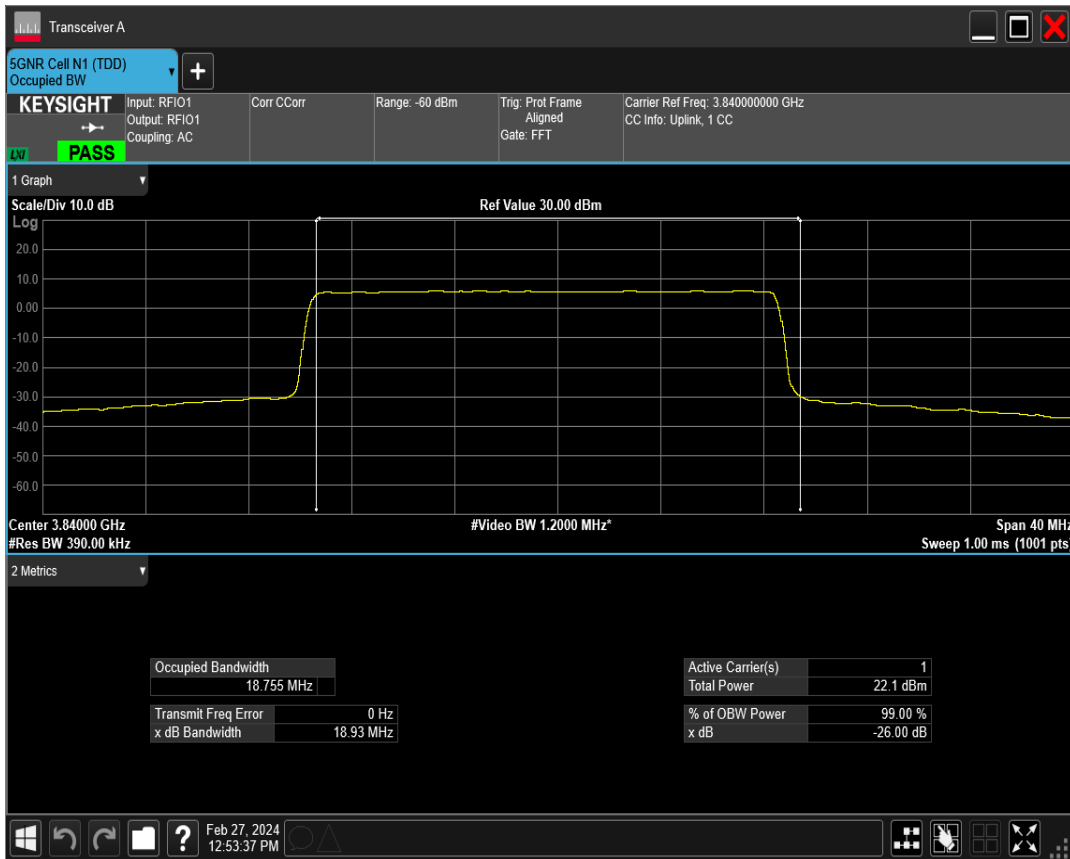
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=656000 RB=100@0



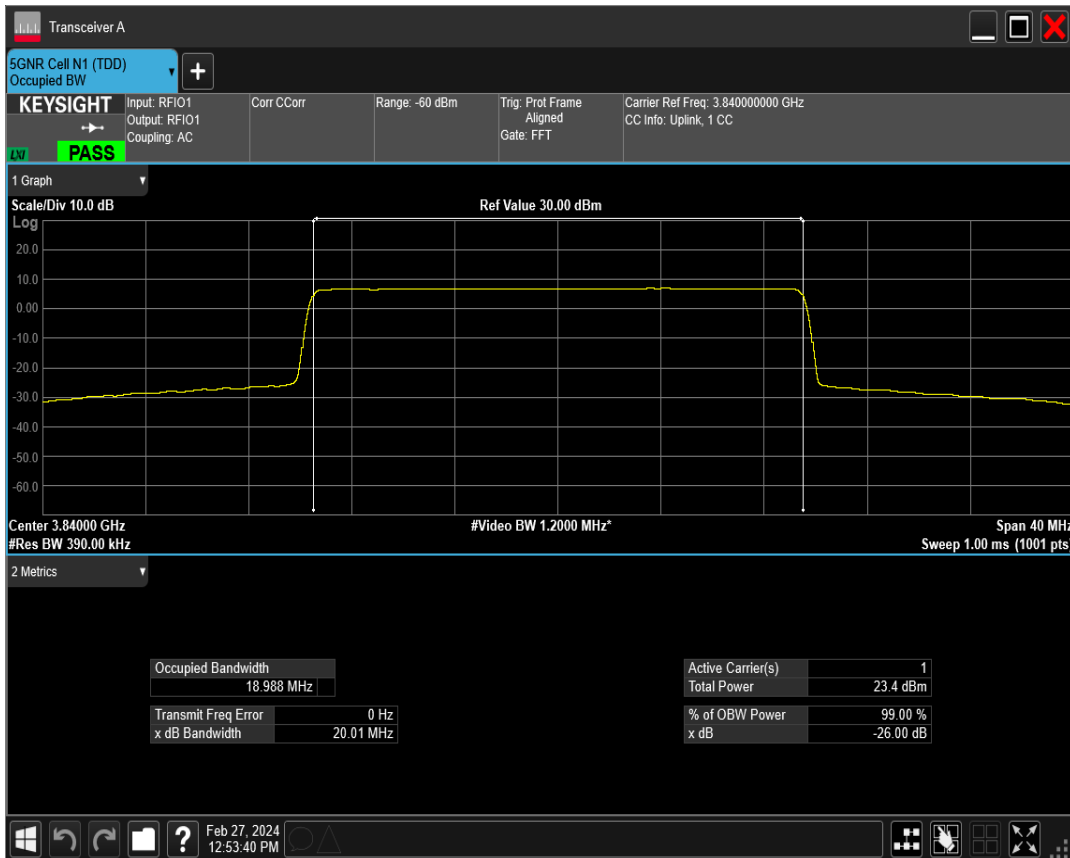
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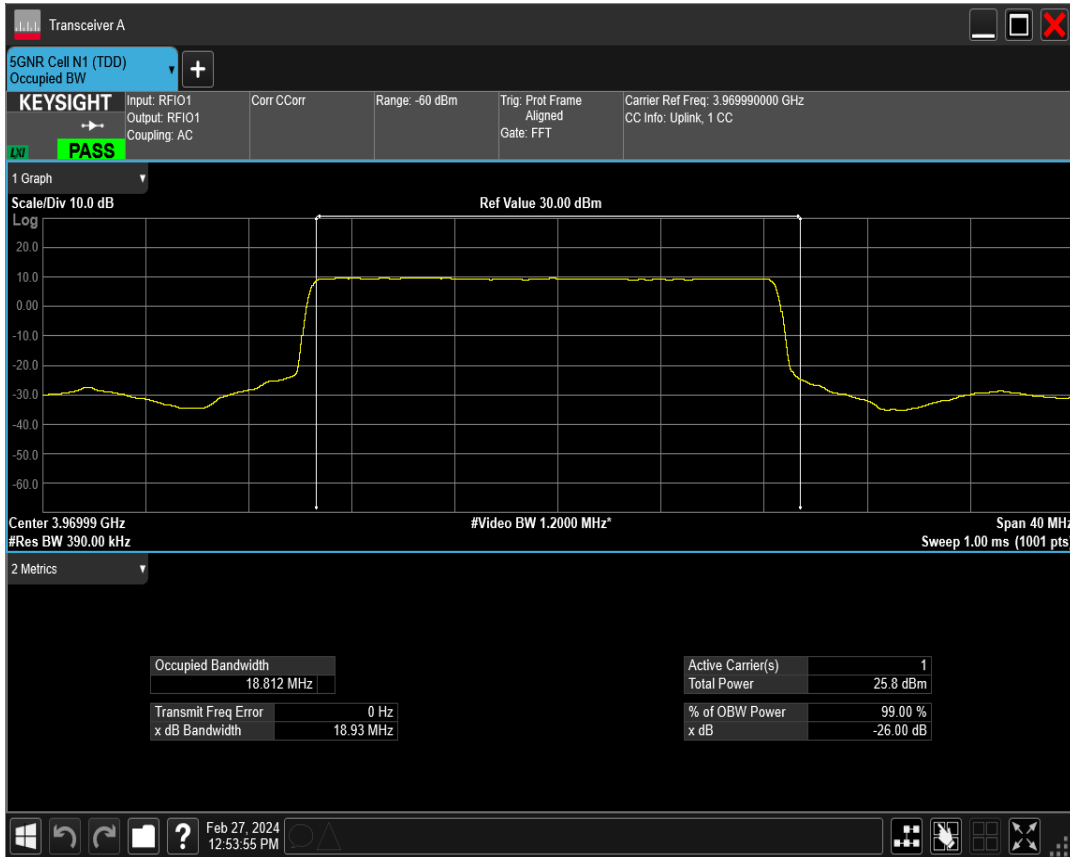
n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=656000 RB=106@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=664666 RB=100@0



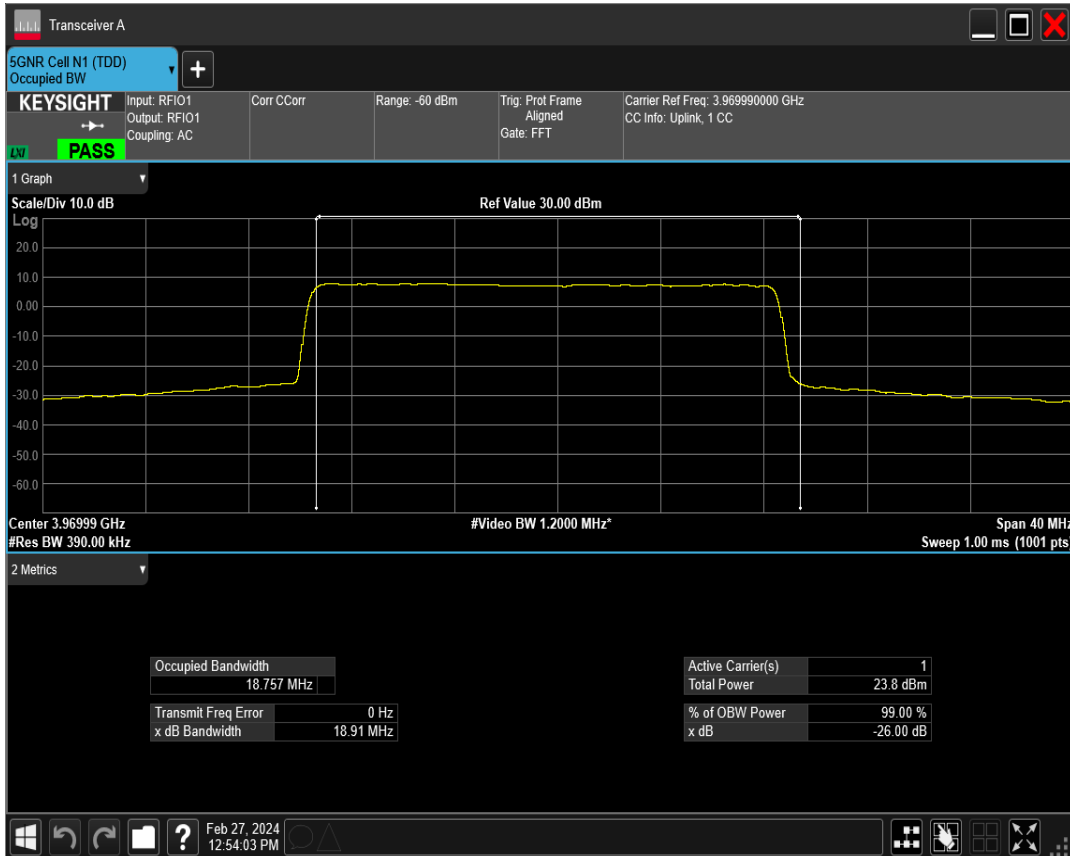
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=664666 RB=100@0



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=664666 RB=100@0

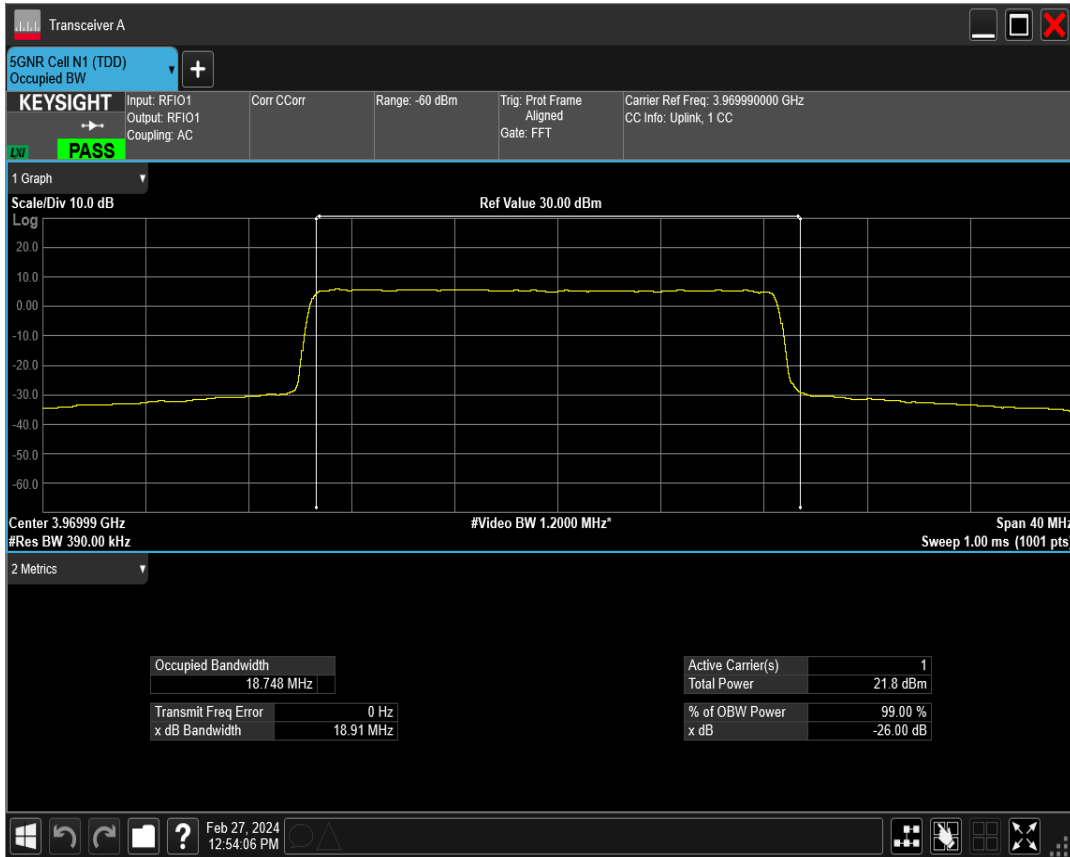


n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=664666 RB=100@0

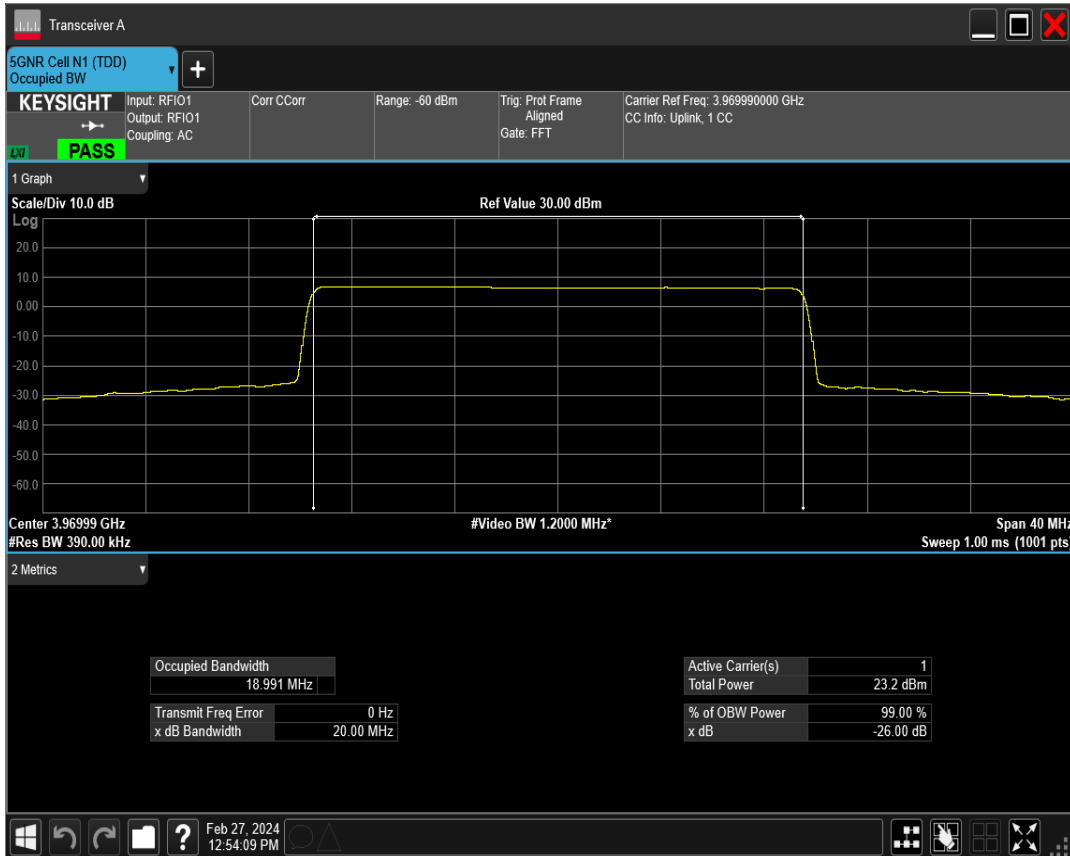




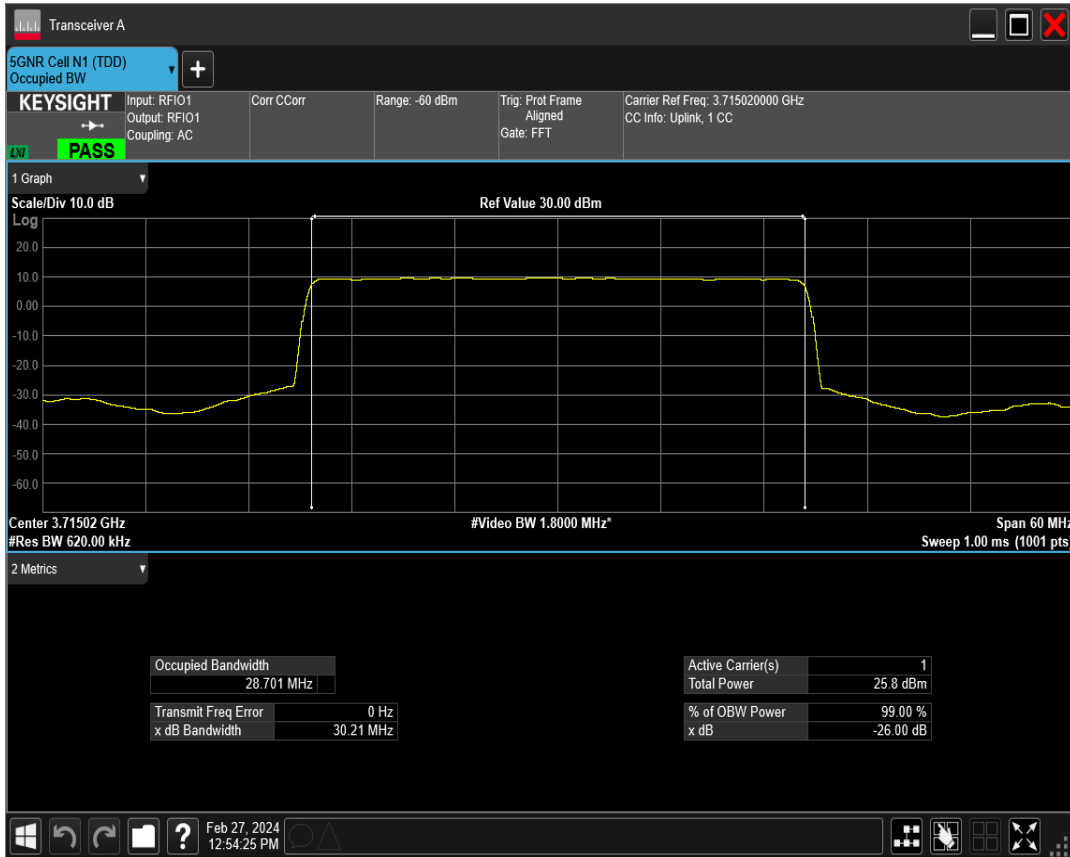
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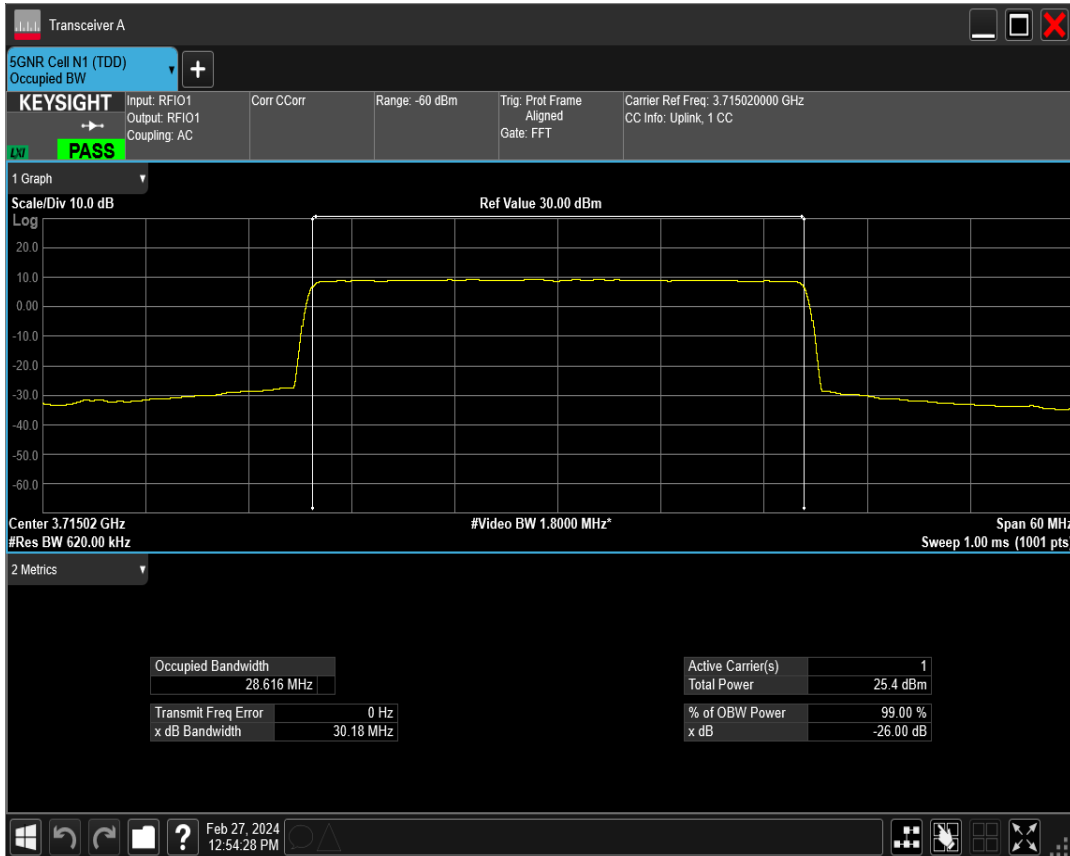
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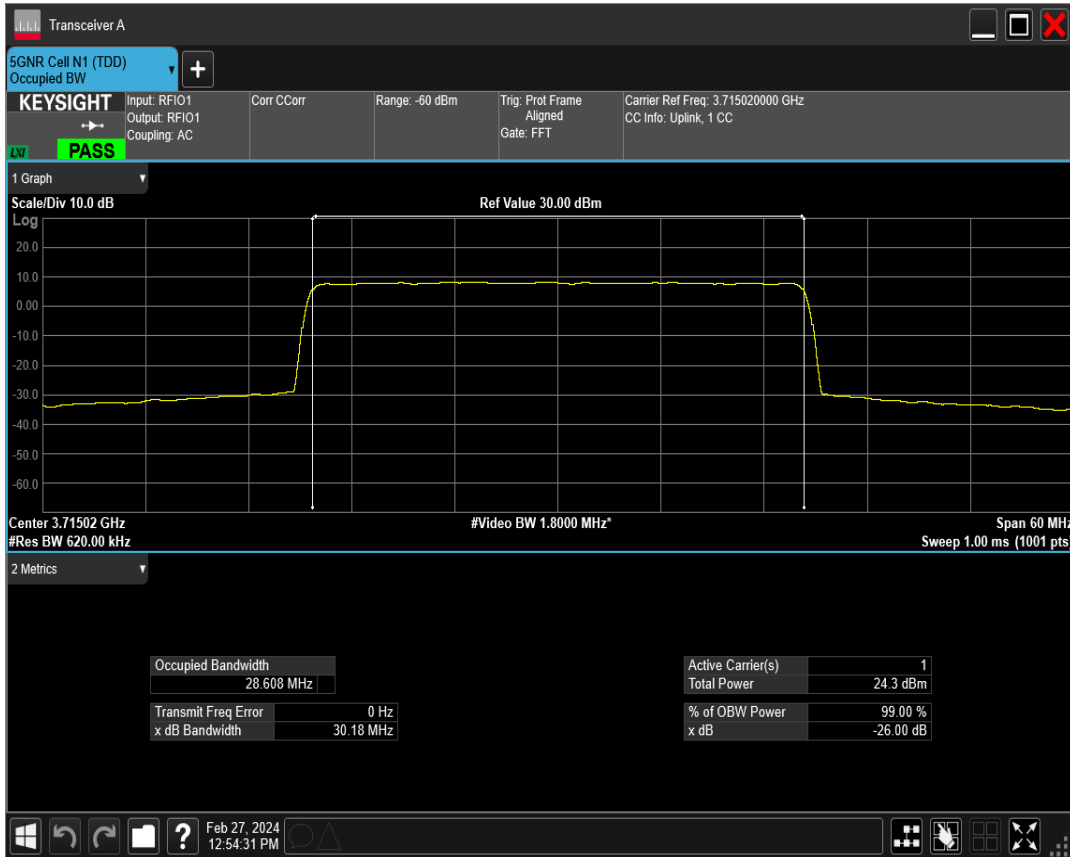
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=647668 RB=160@0



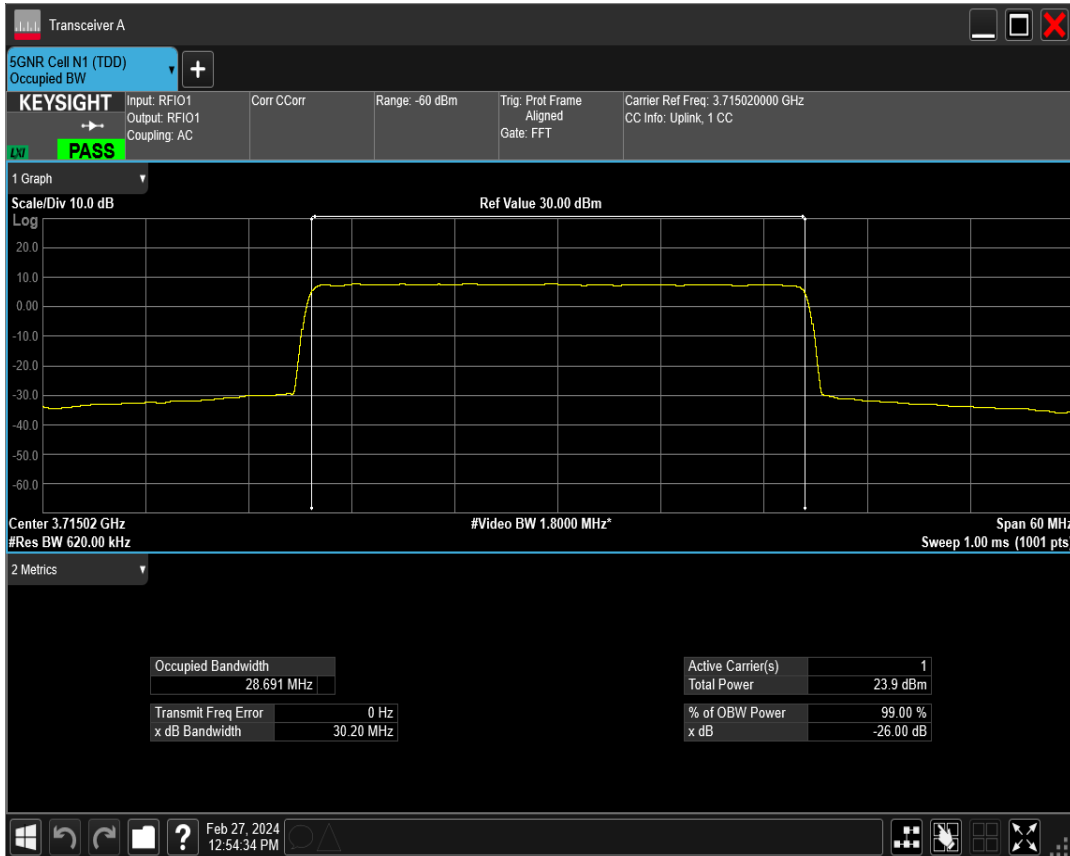
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=647668 RB=160@0



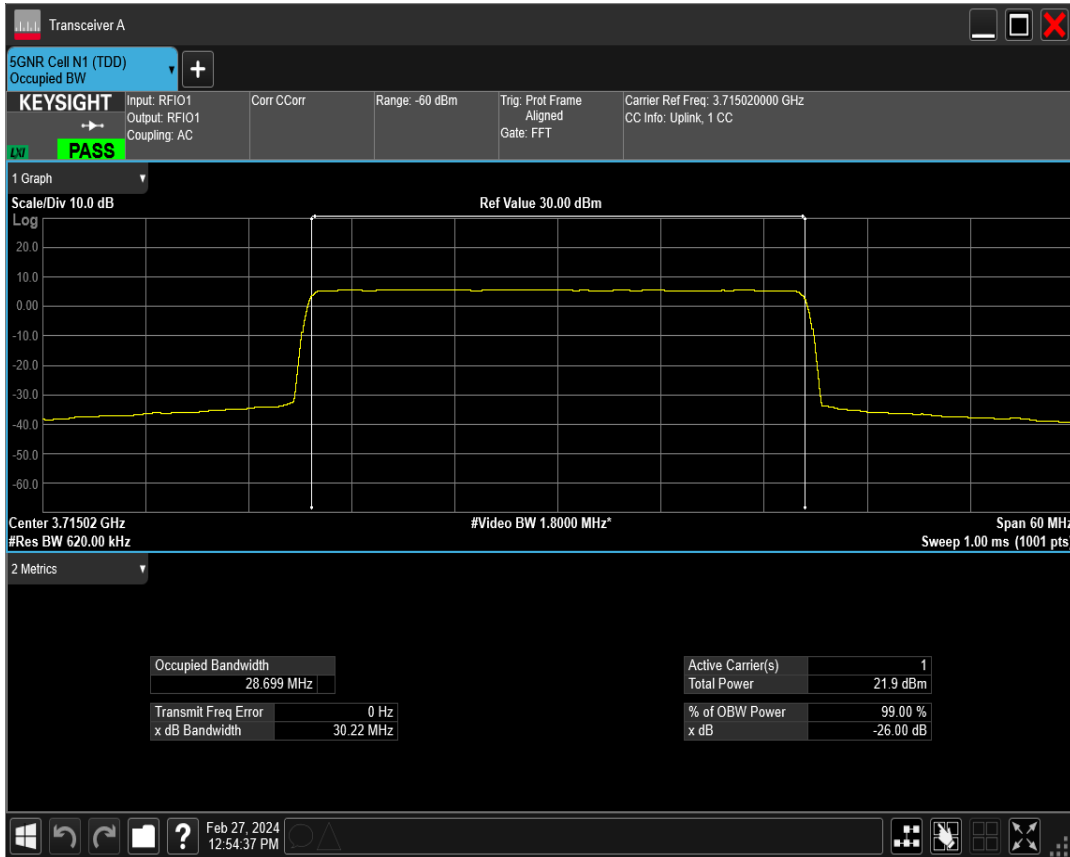
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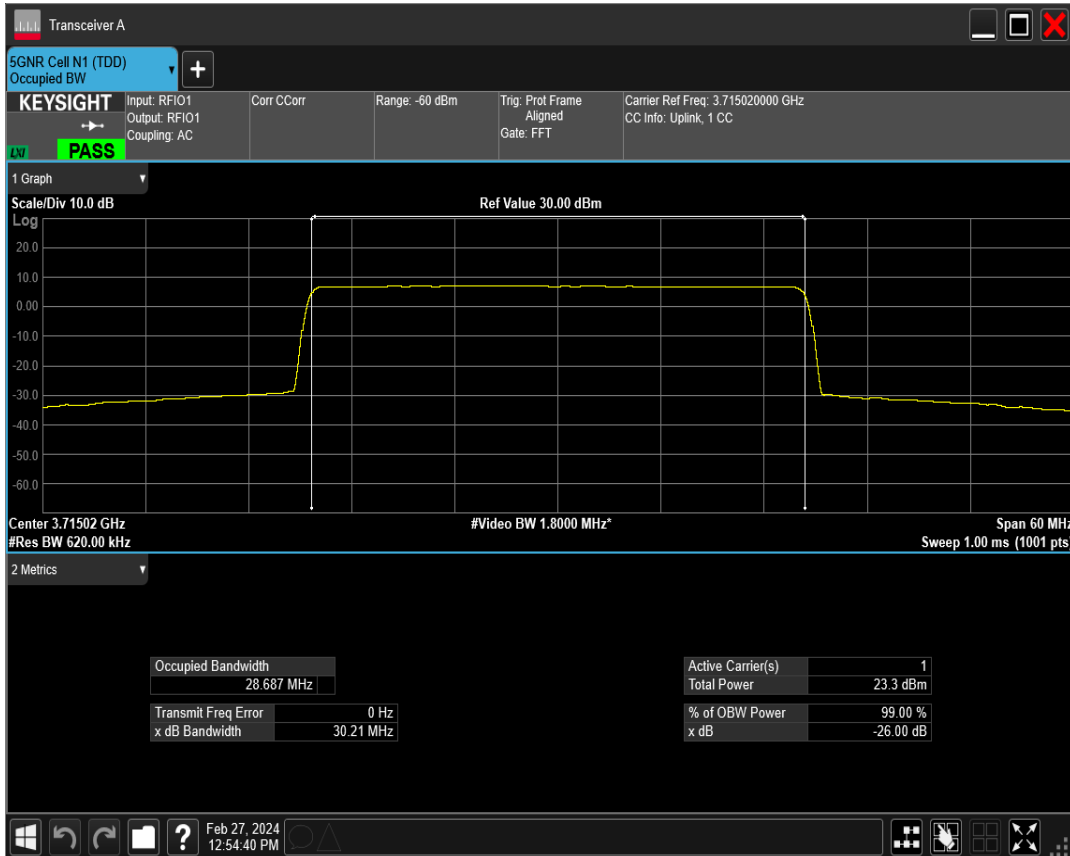
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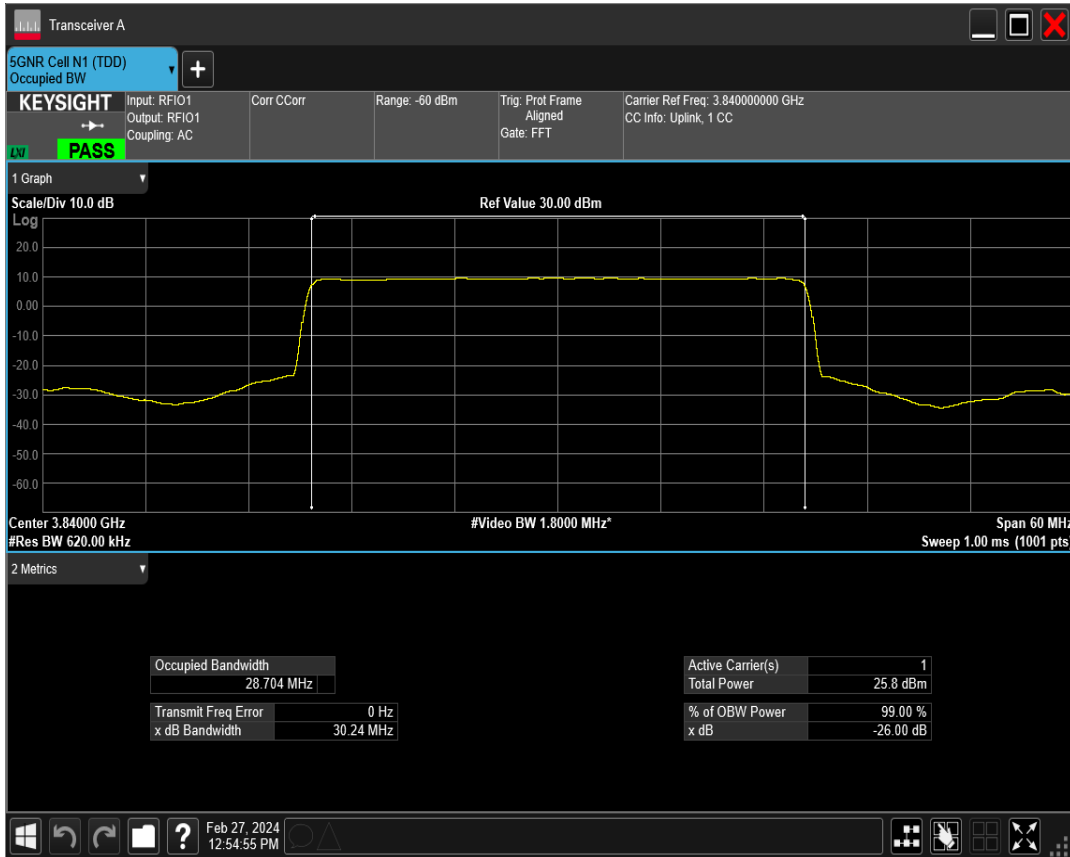
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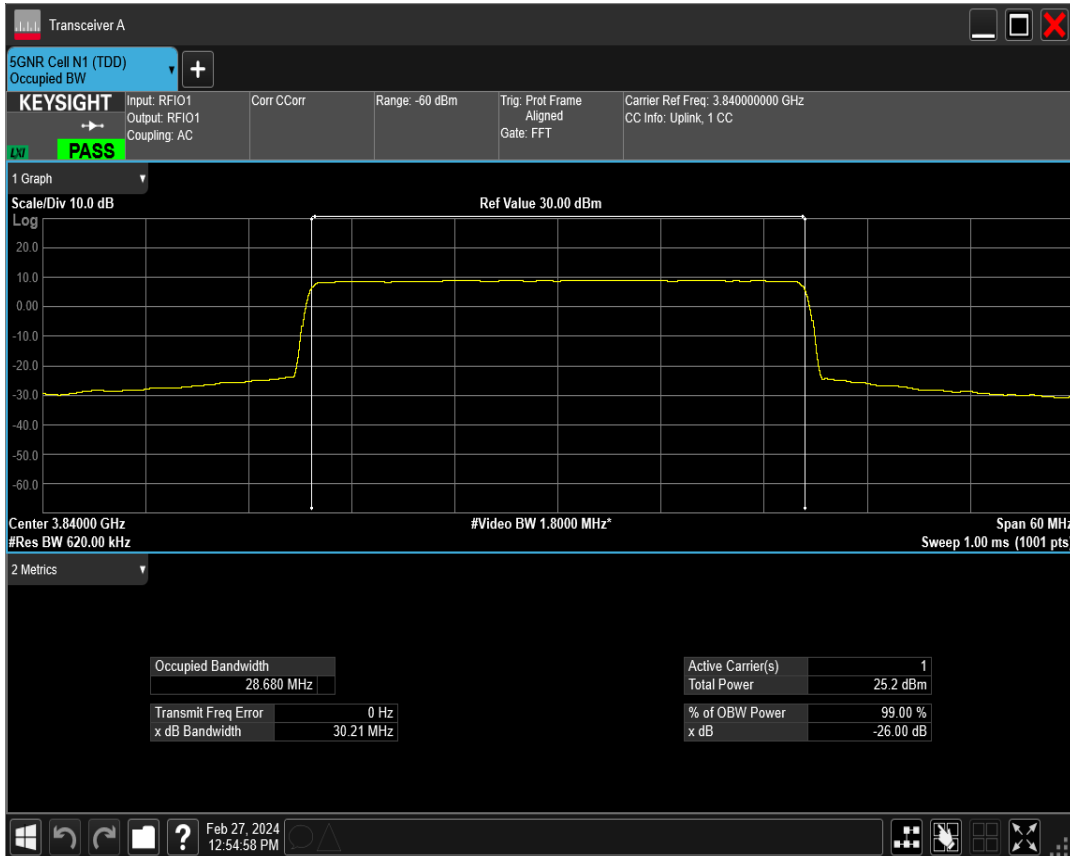
n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=647668 RB=160@0



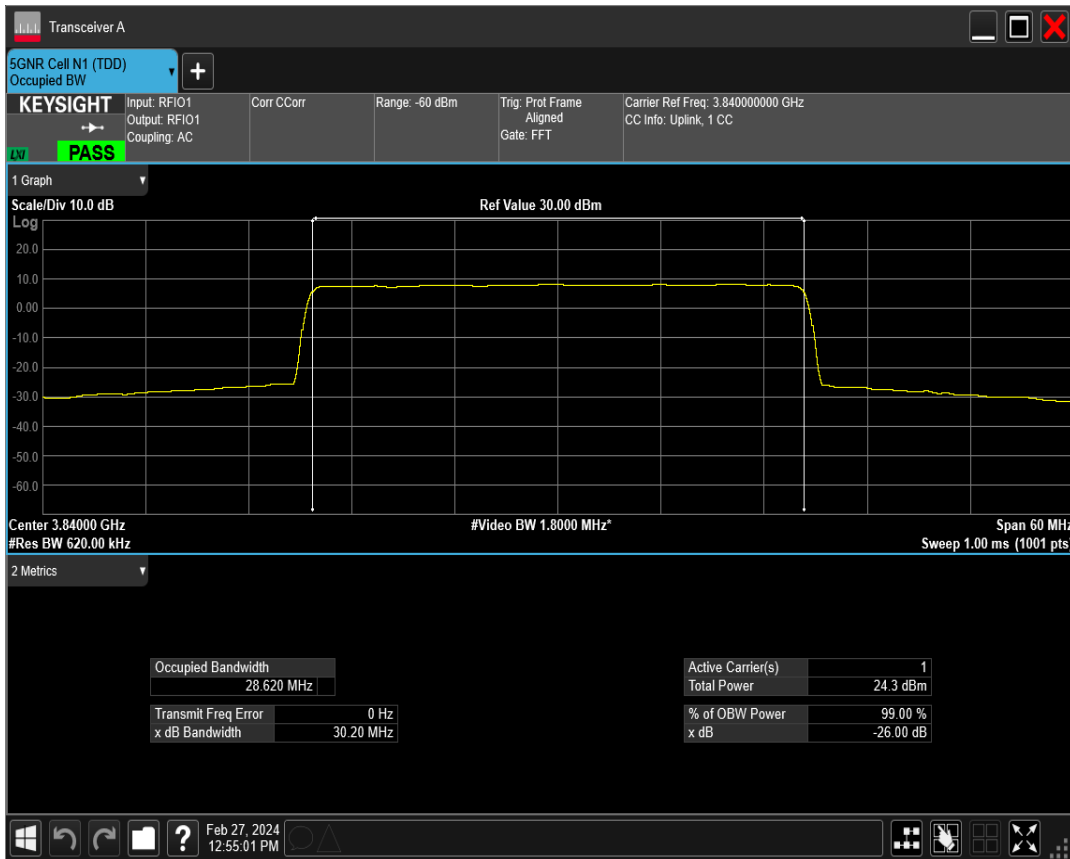
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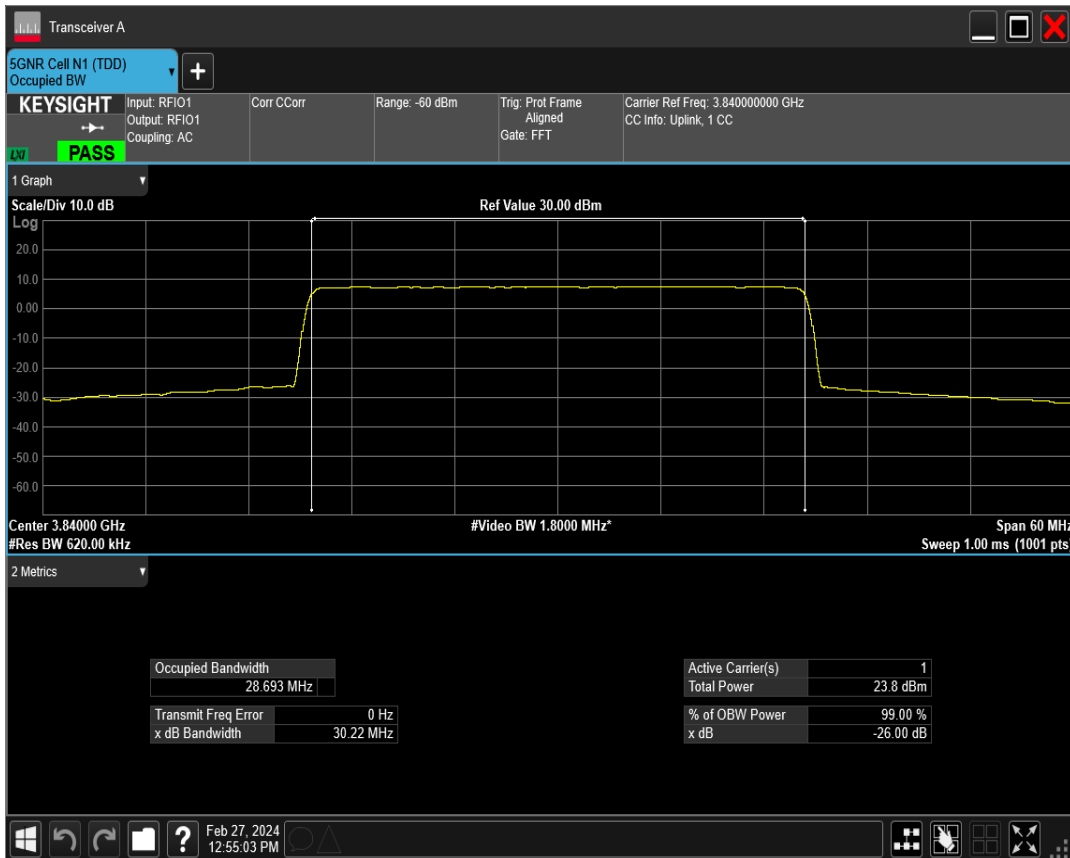
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=656000 RB=160@0



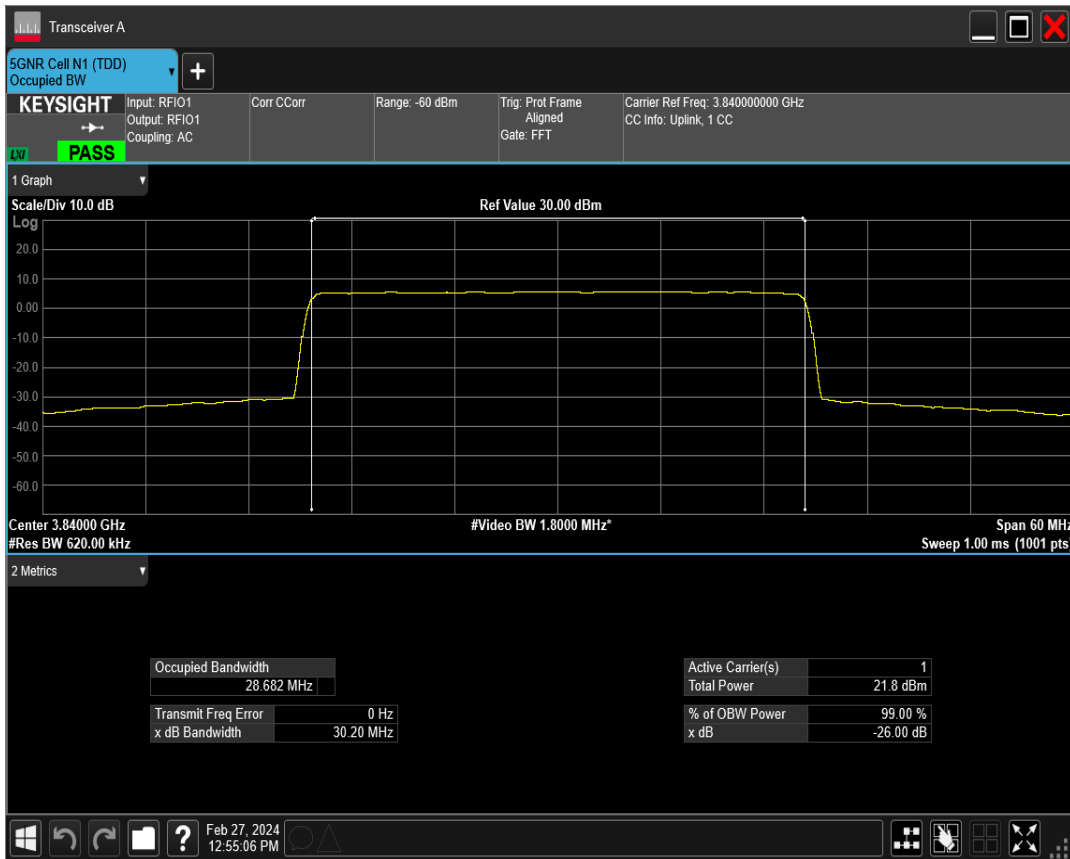
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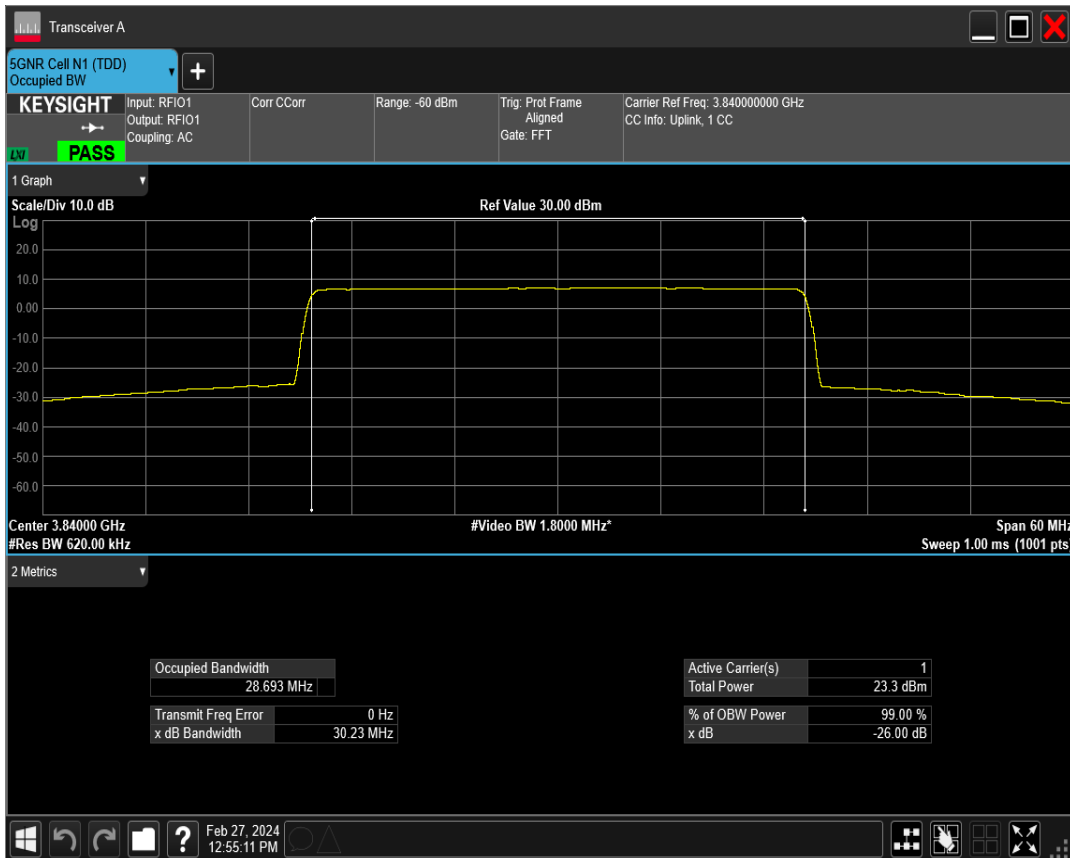
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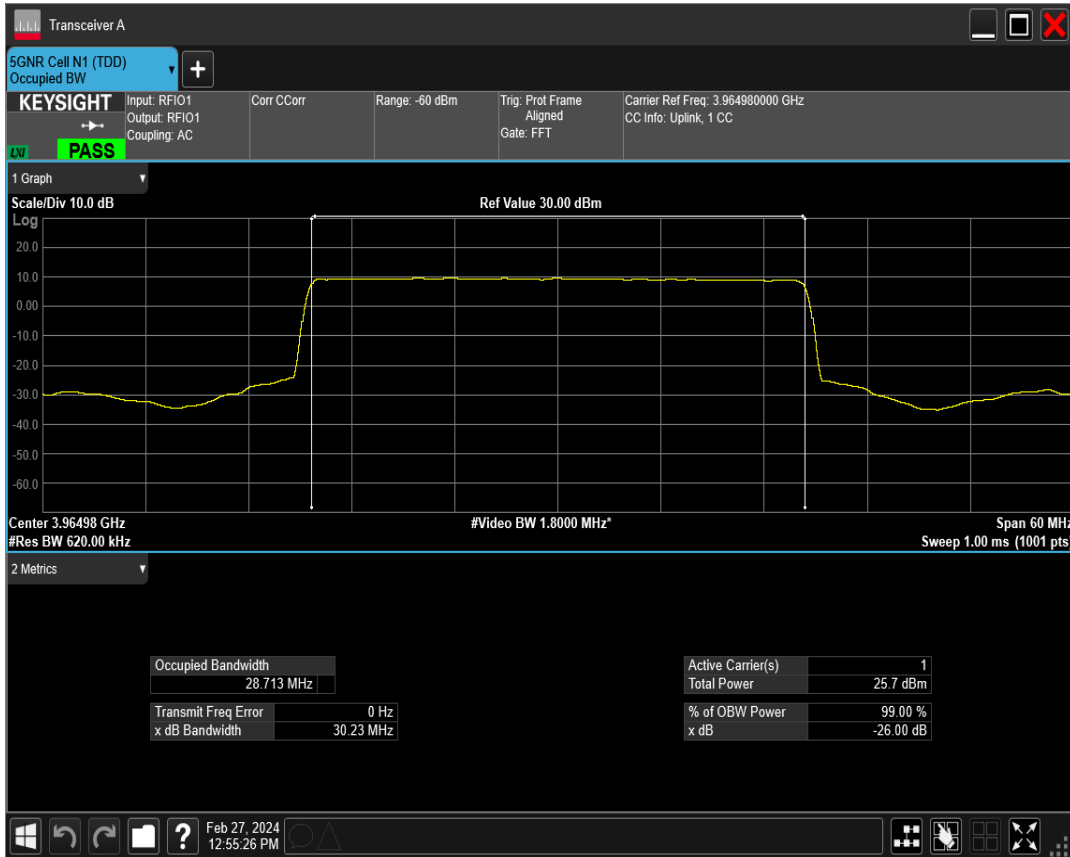
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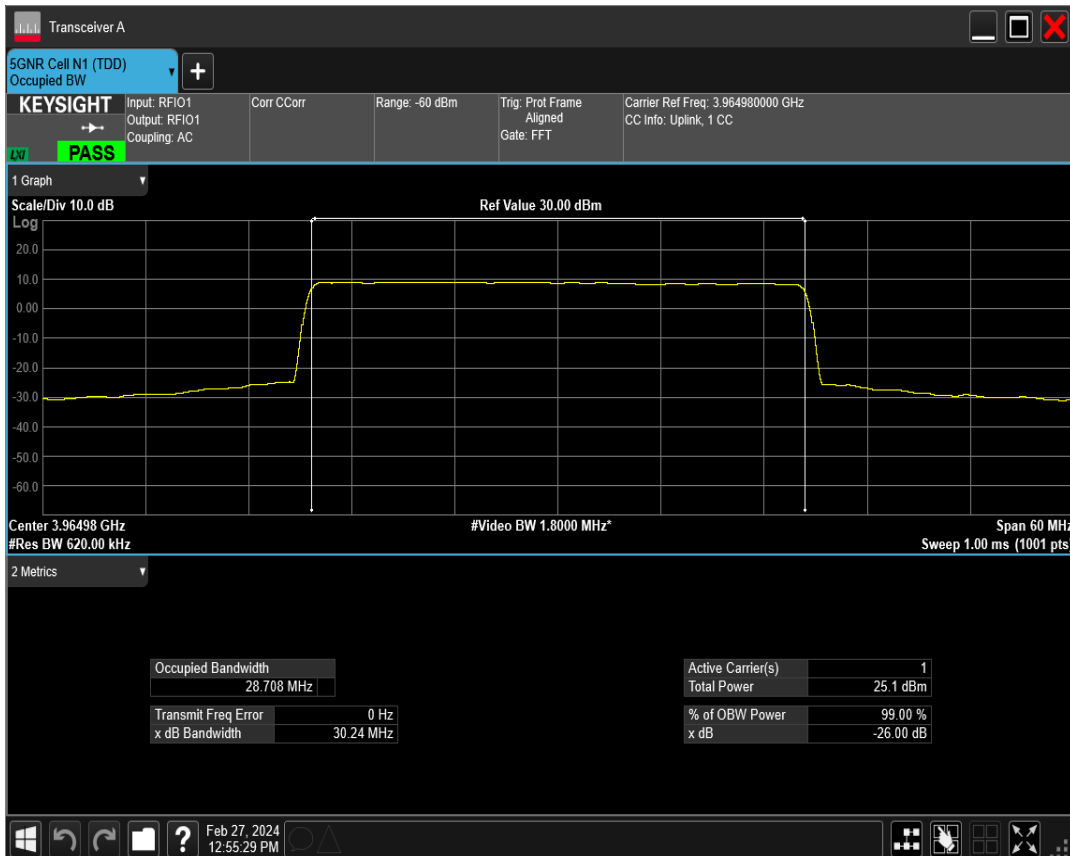
n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=656000 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=664332 RB=160@0

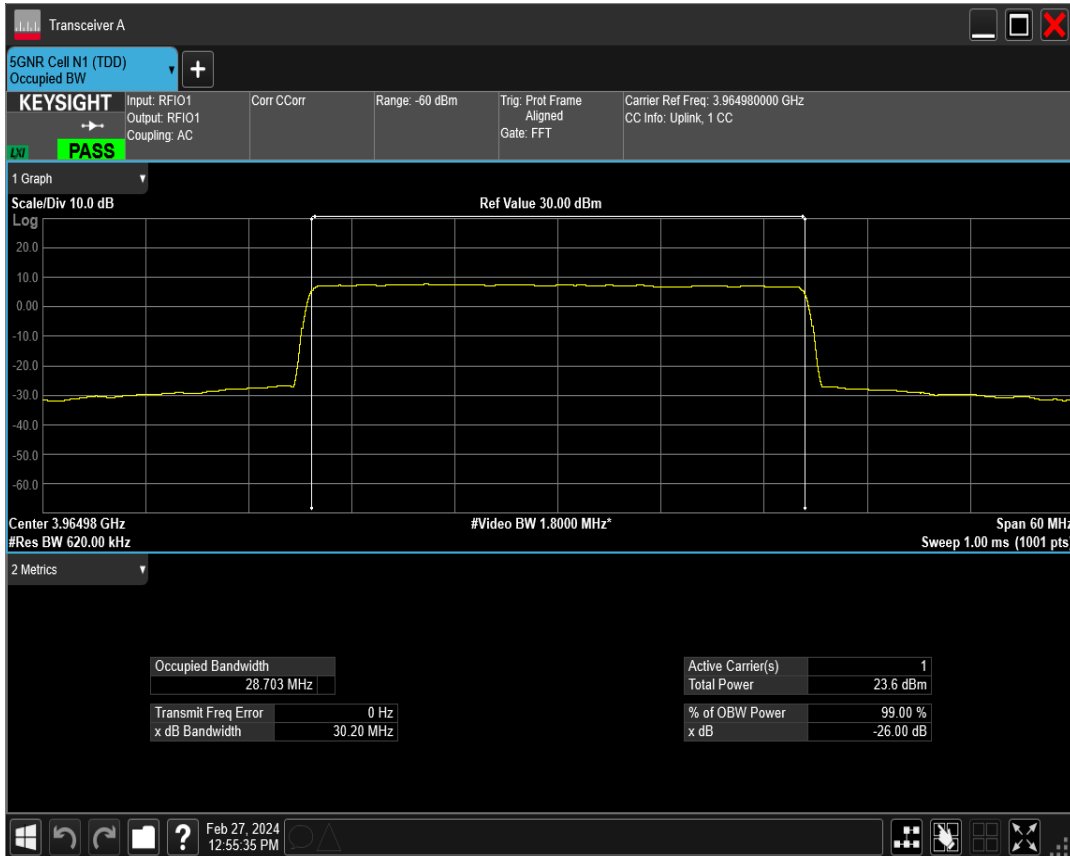




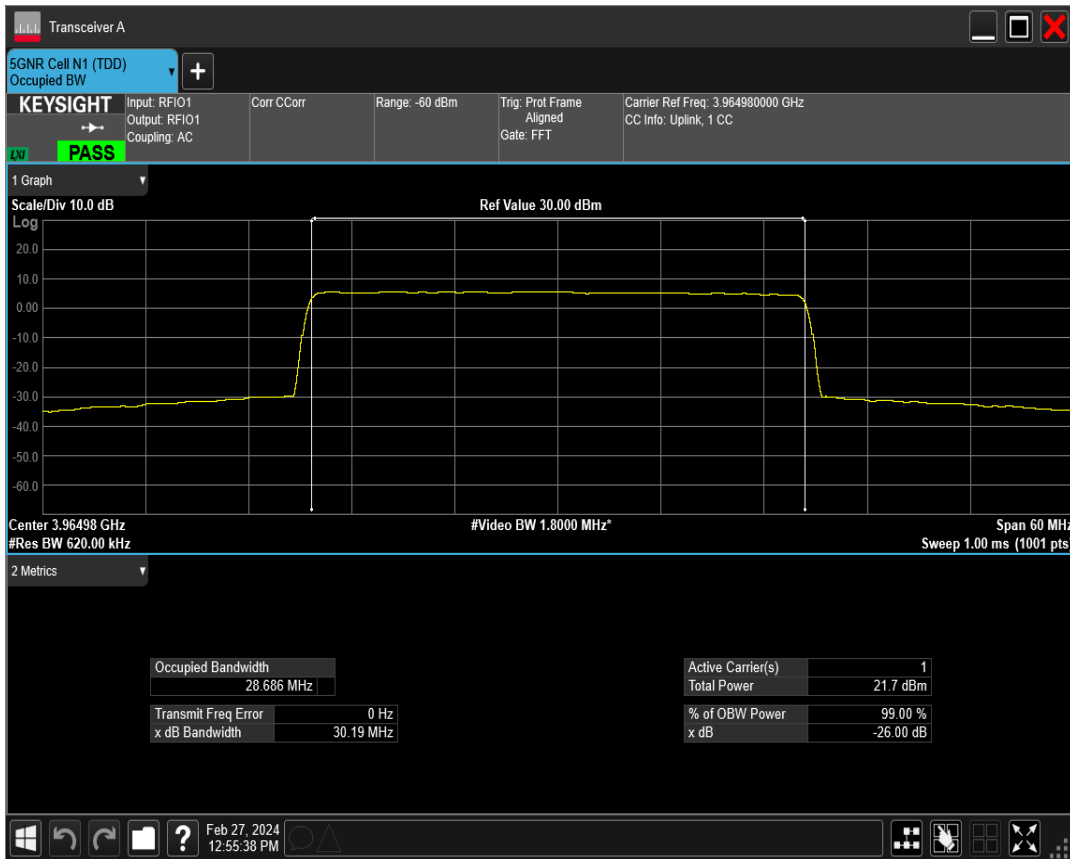
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=664332 RB=160@0



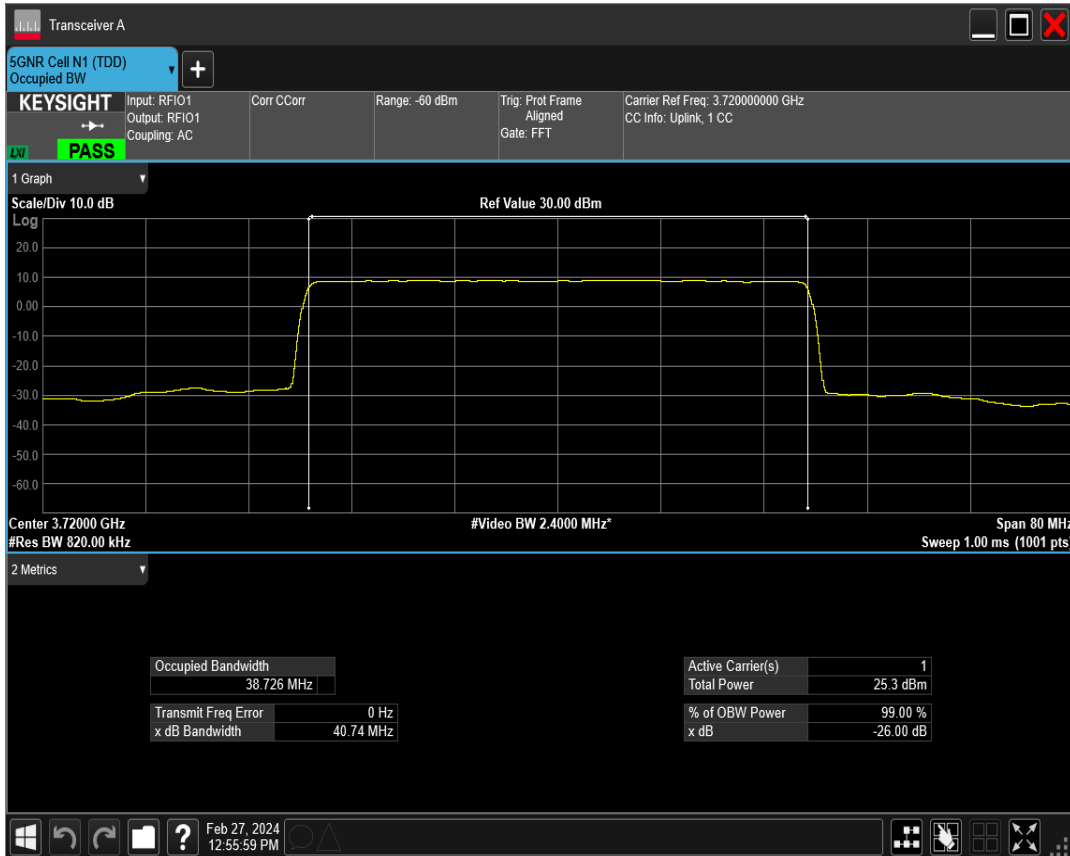
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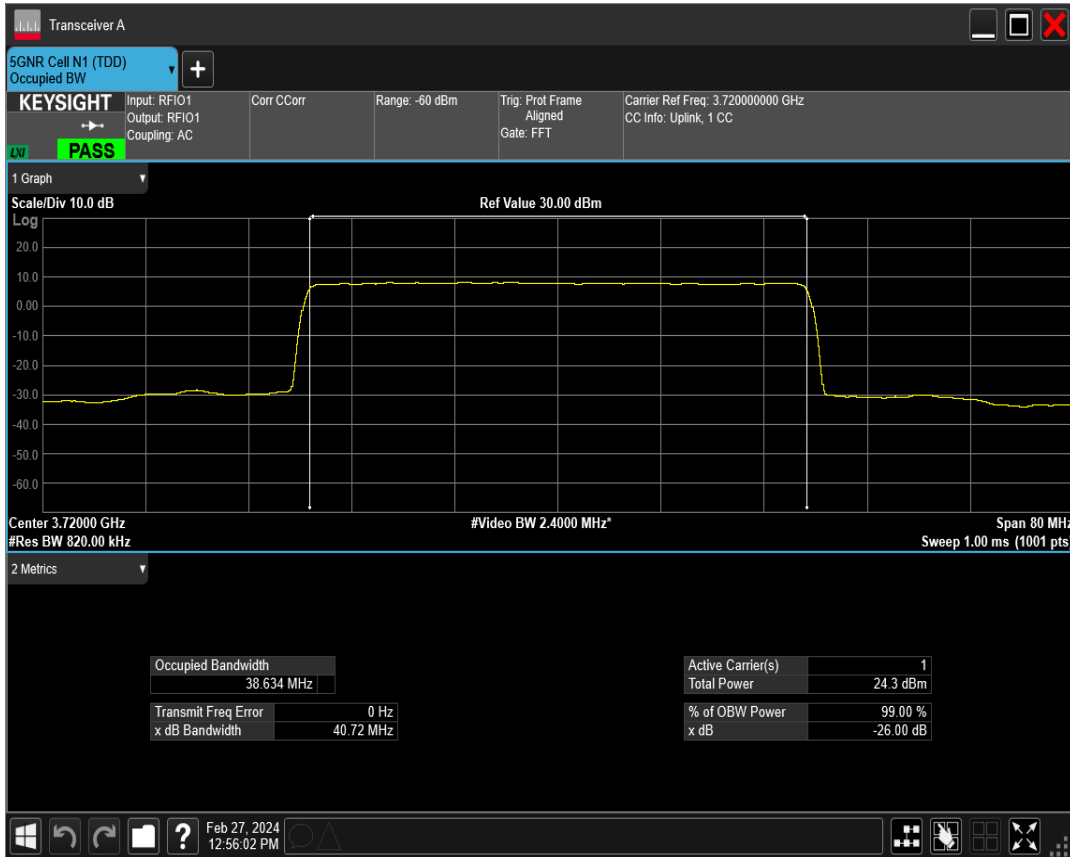
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=648000 RB=216@0



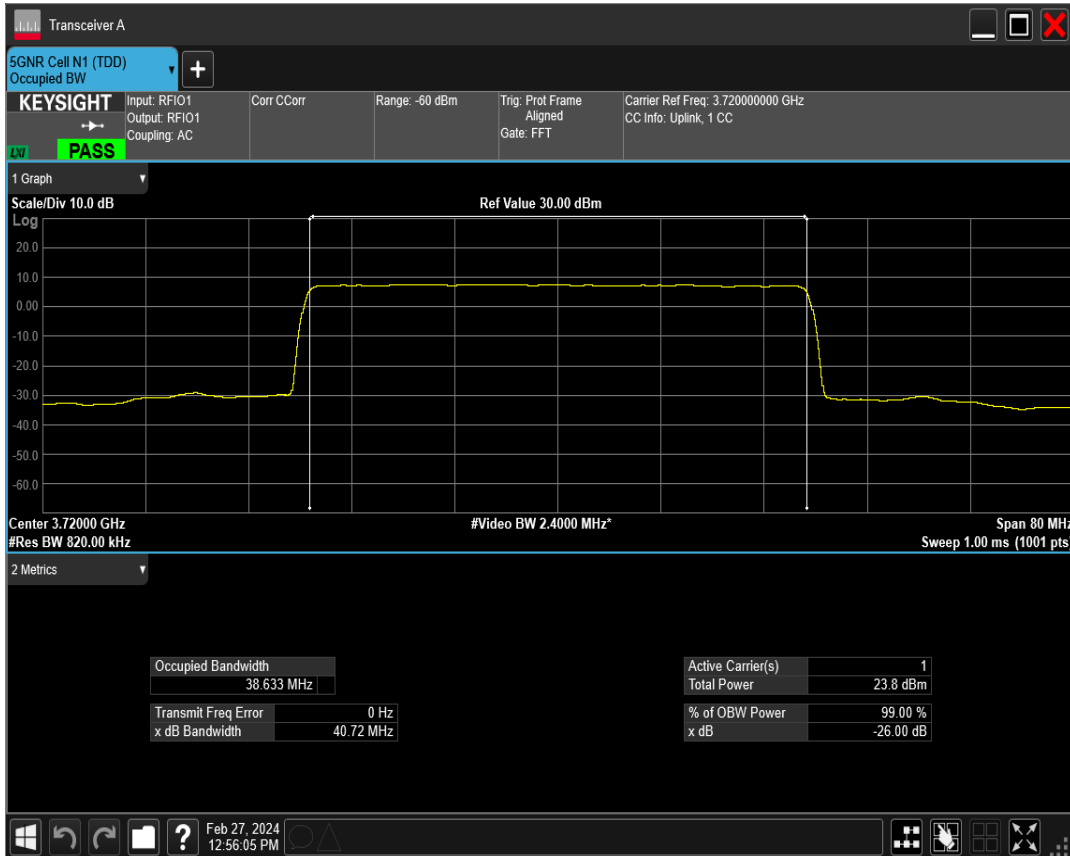
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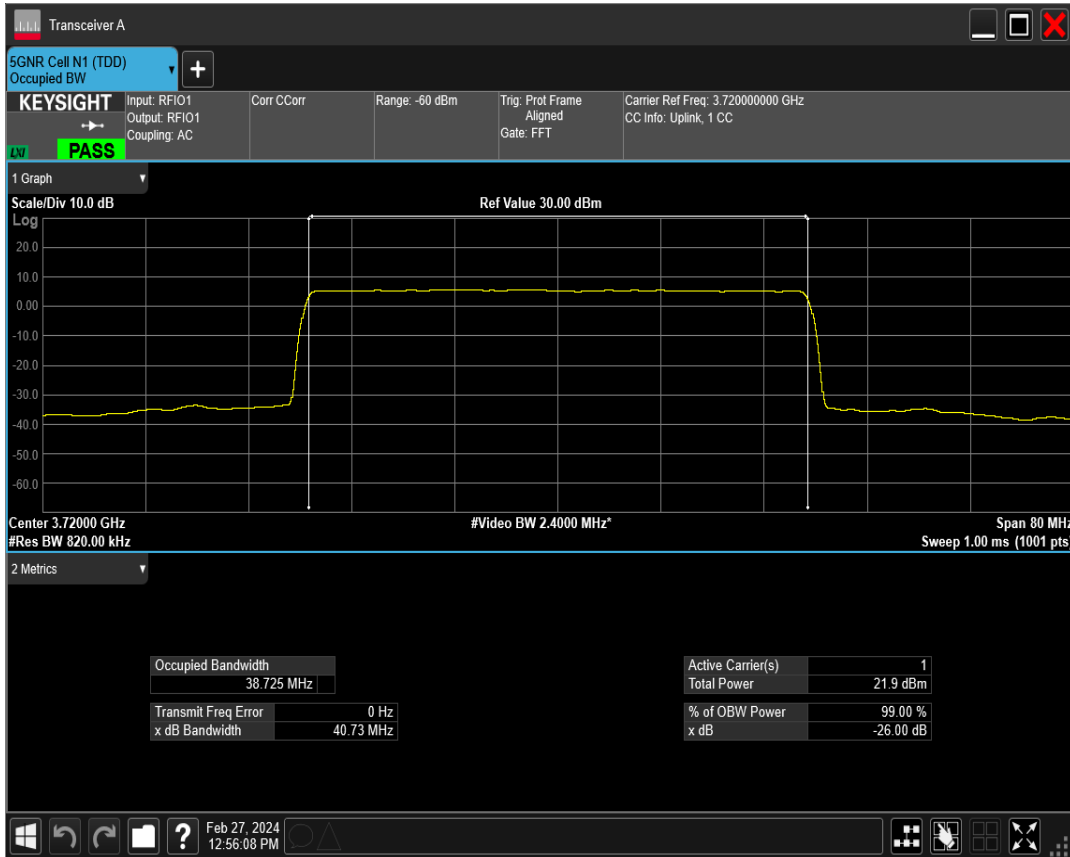
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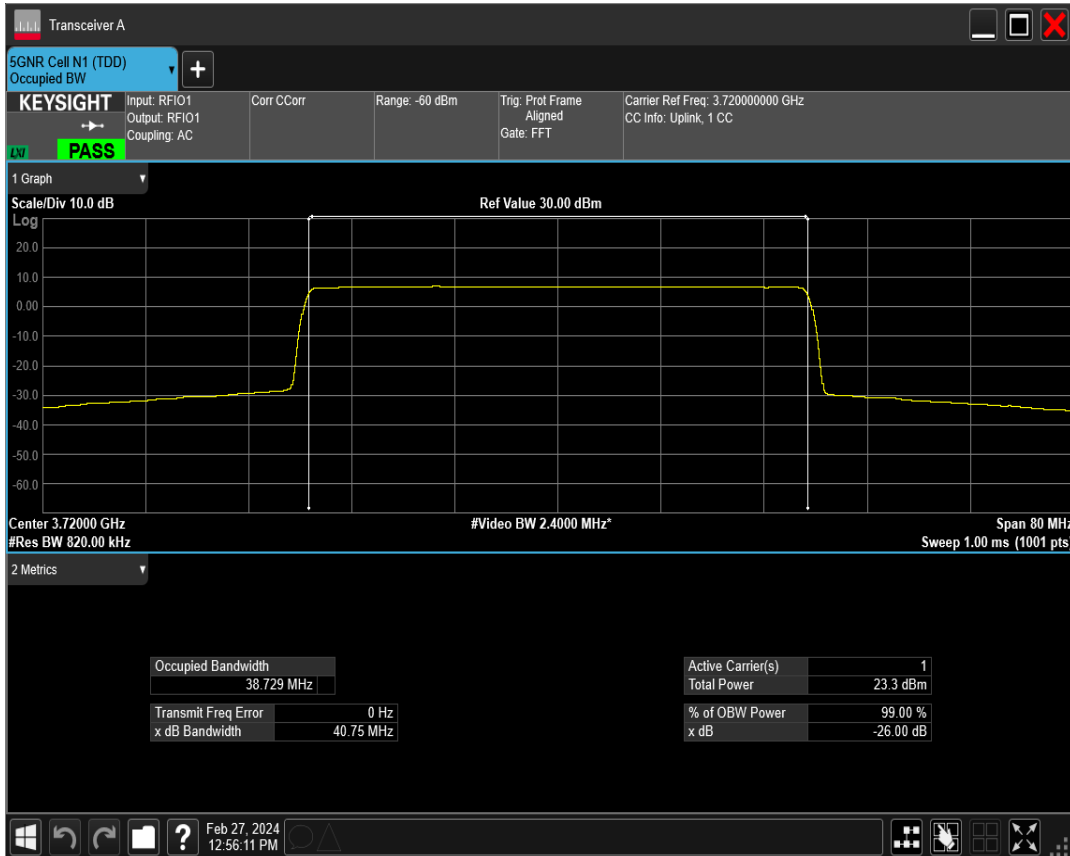
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=648000 RB=216@0



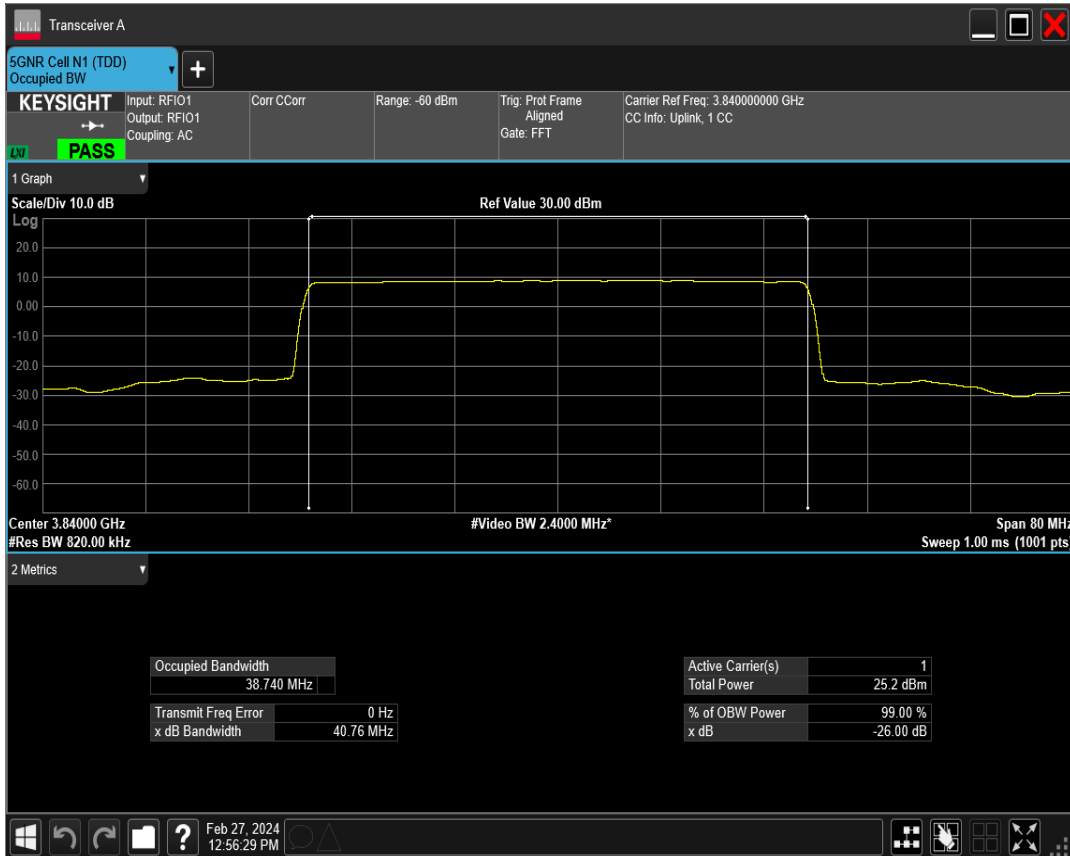
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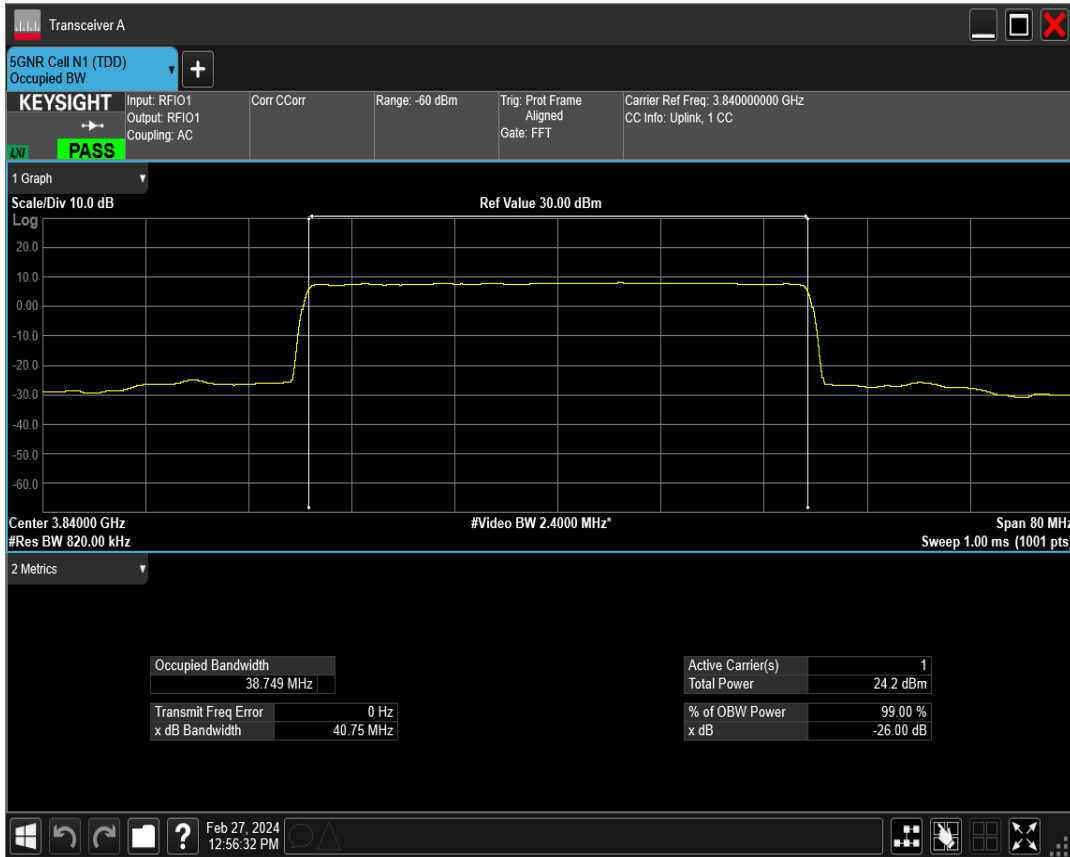
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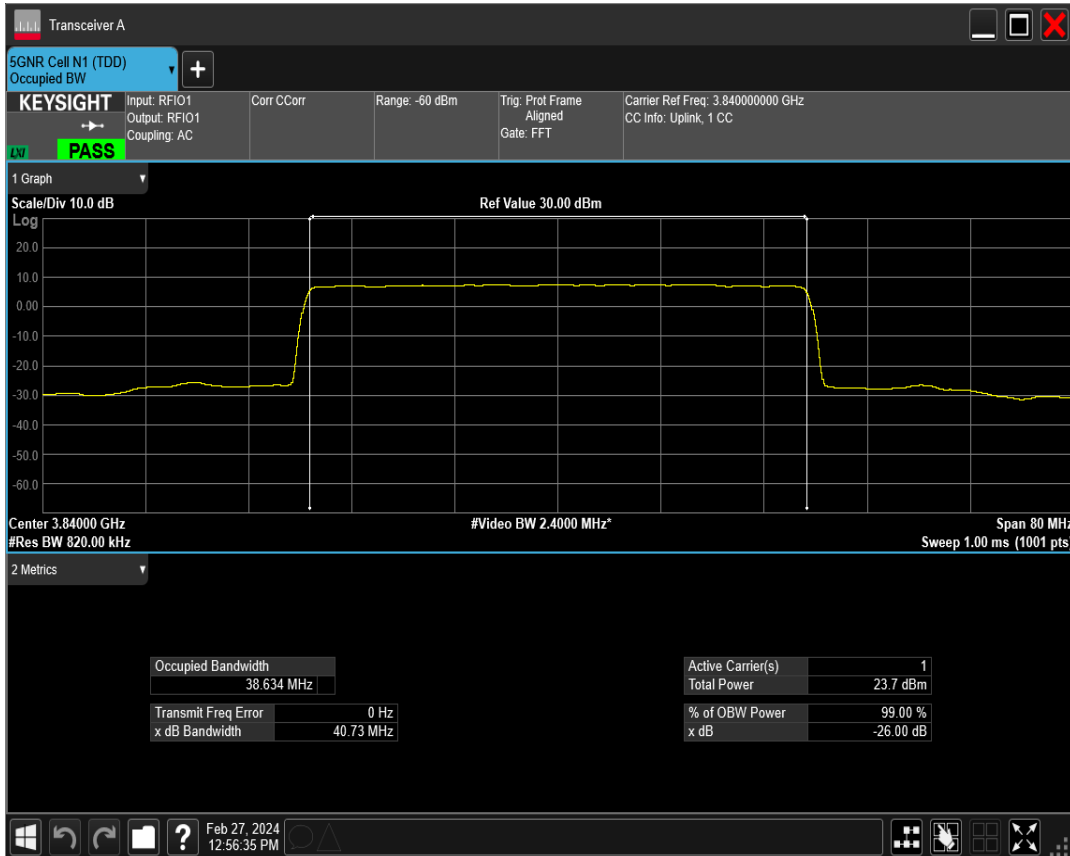
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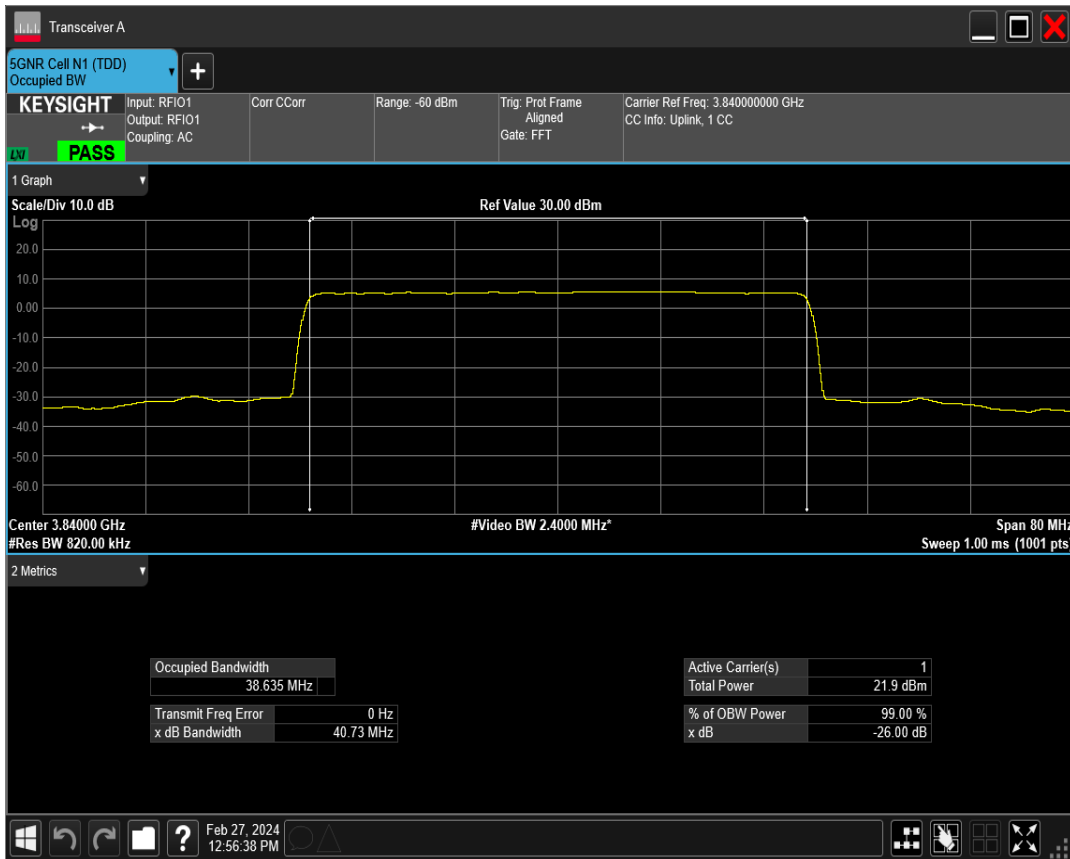
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=656000 RB=216@0





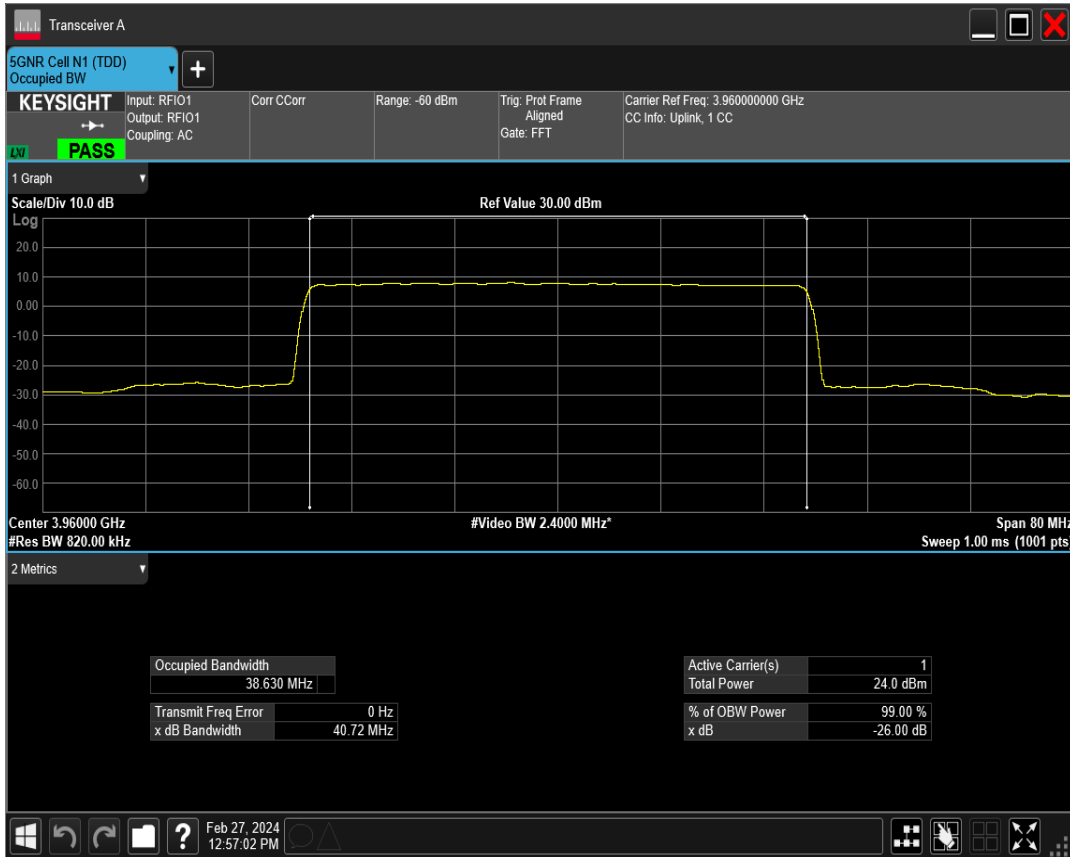
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=664000 RB=216@0



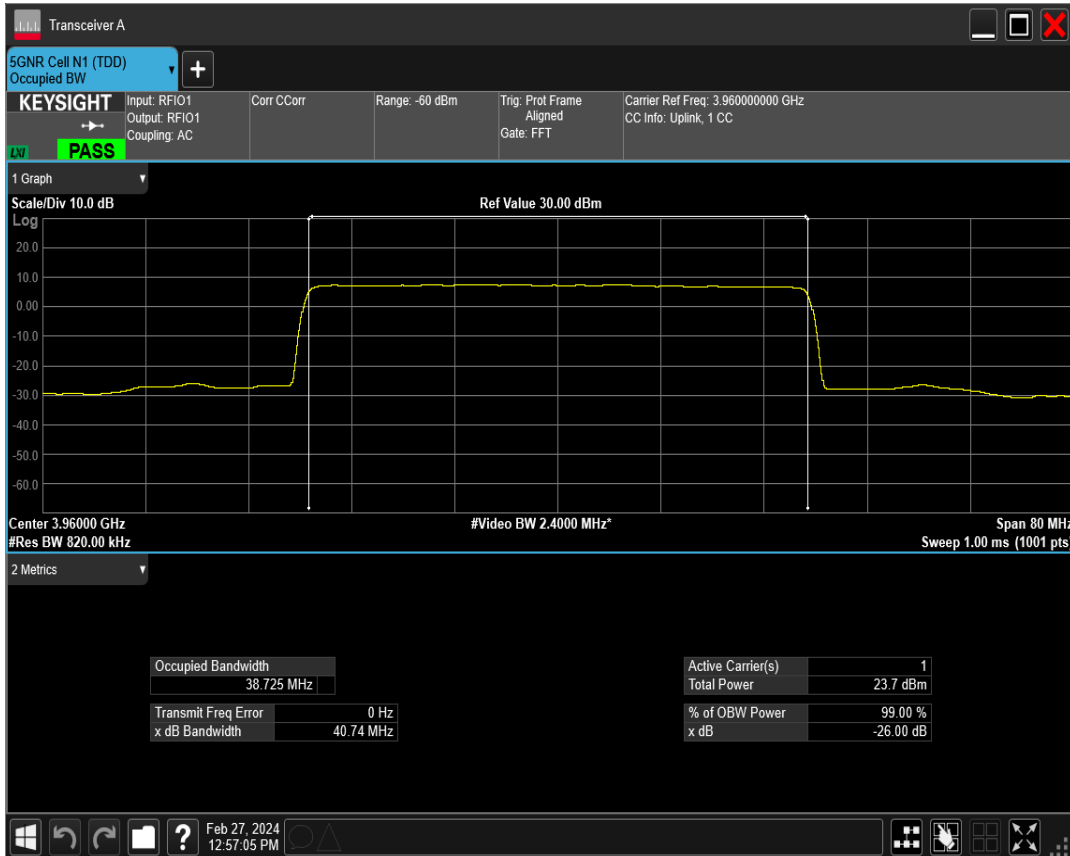
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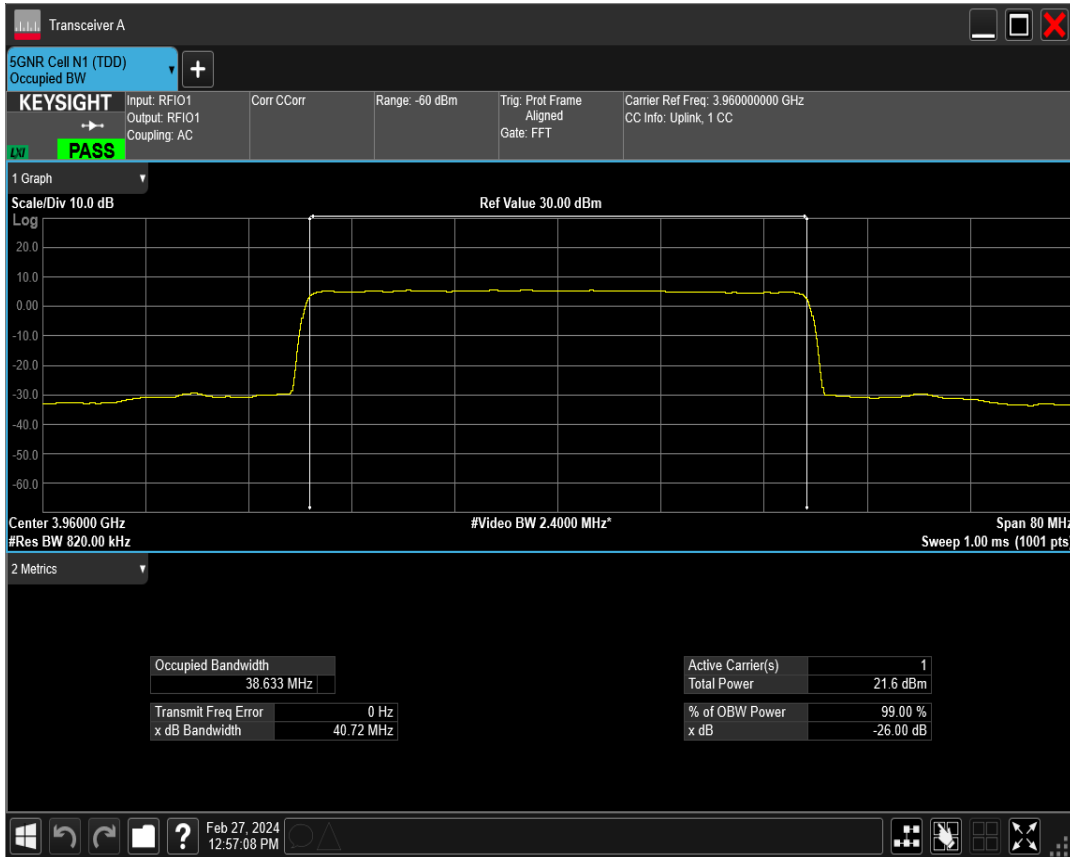
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=664000 RB=216@0



n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=664000 RB=216@0



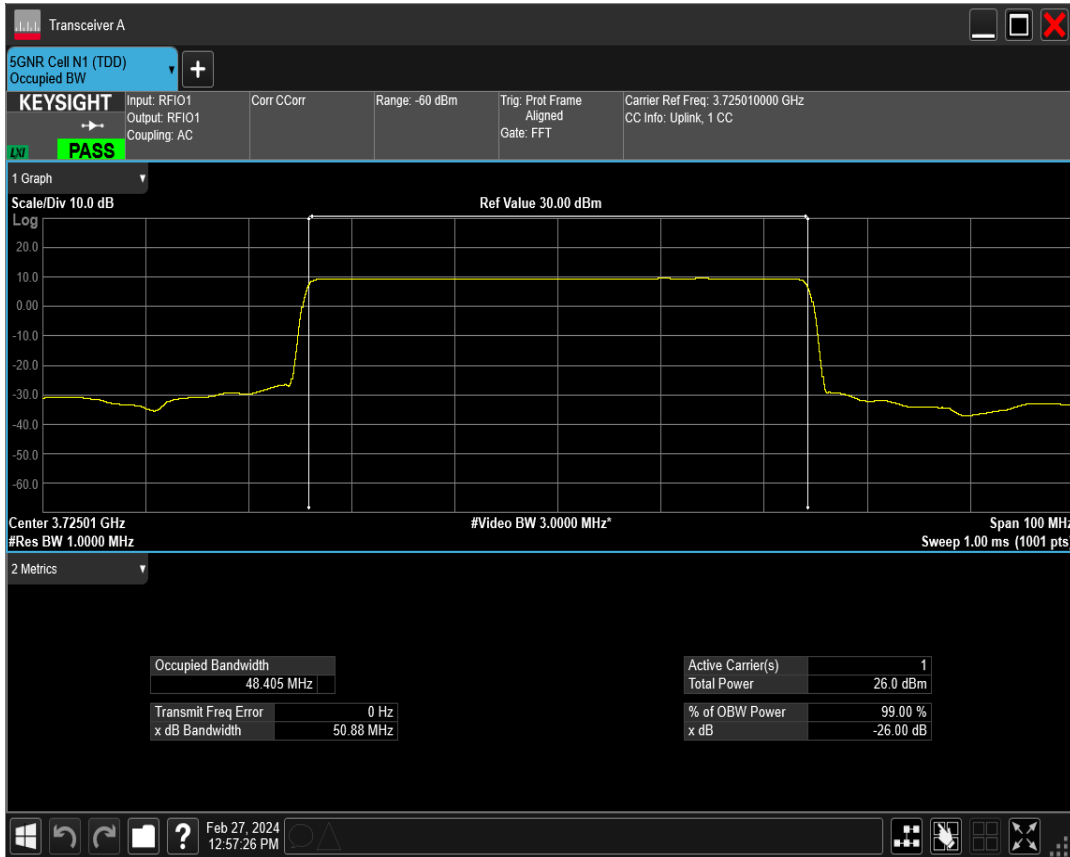
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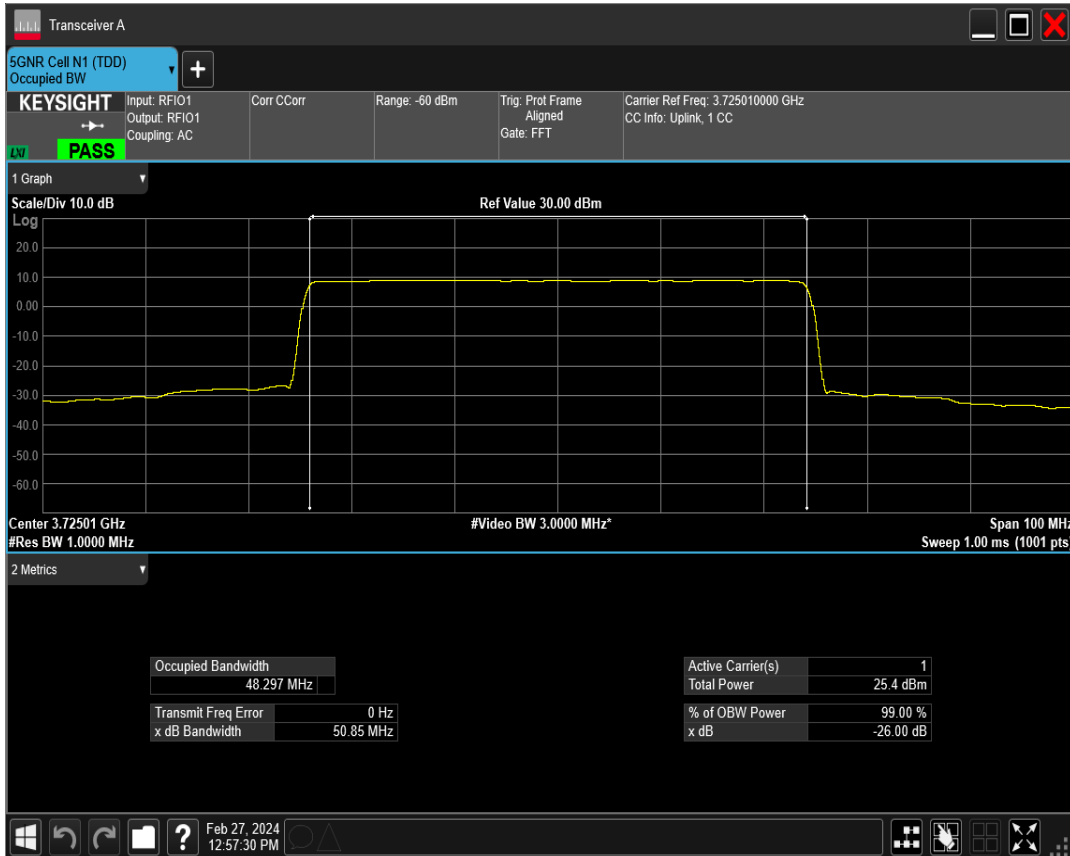
n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=664000 RB=216@0



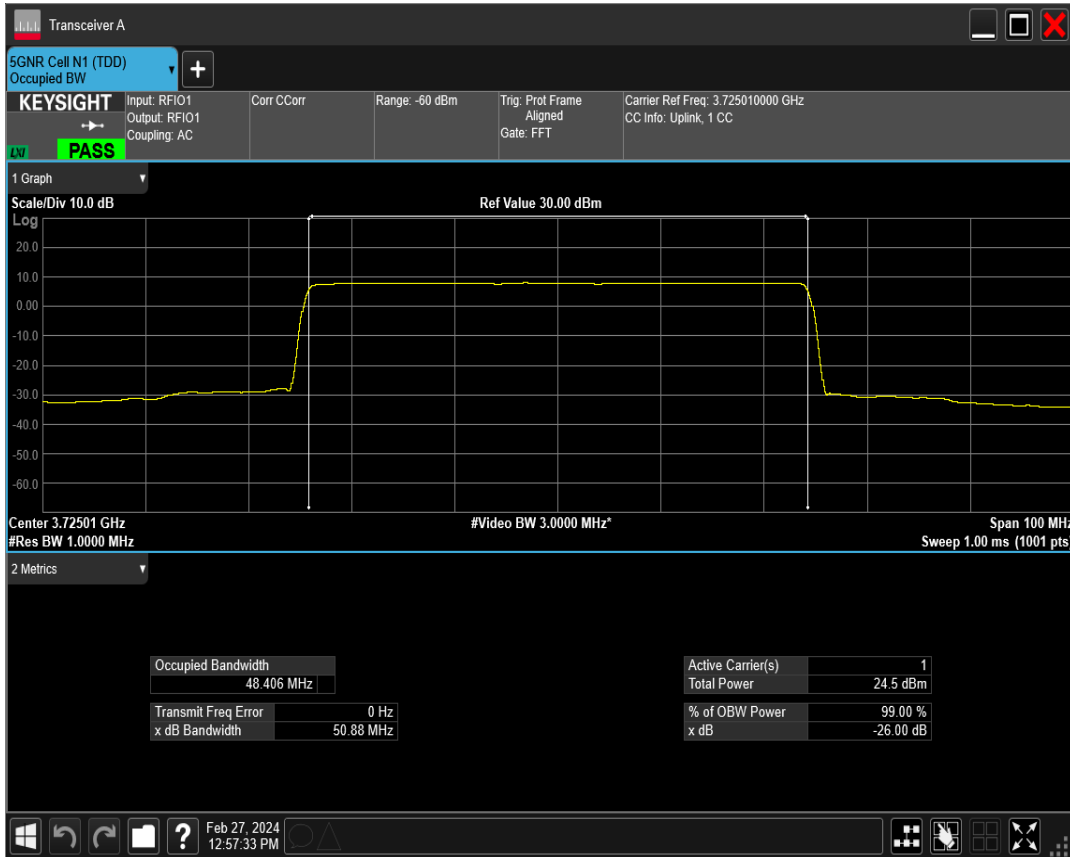
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=648334 RB=270@0



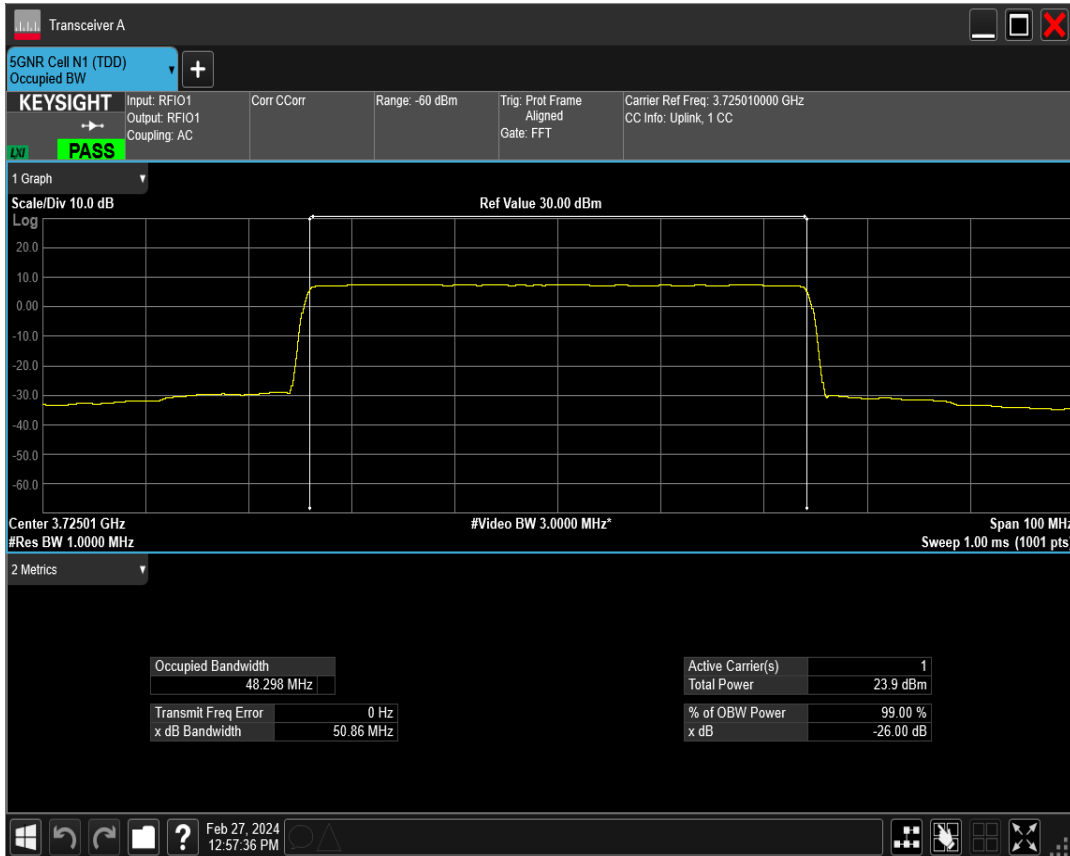
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



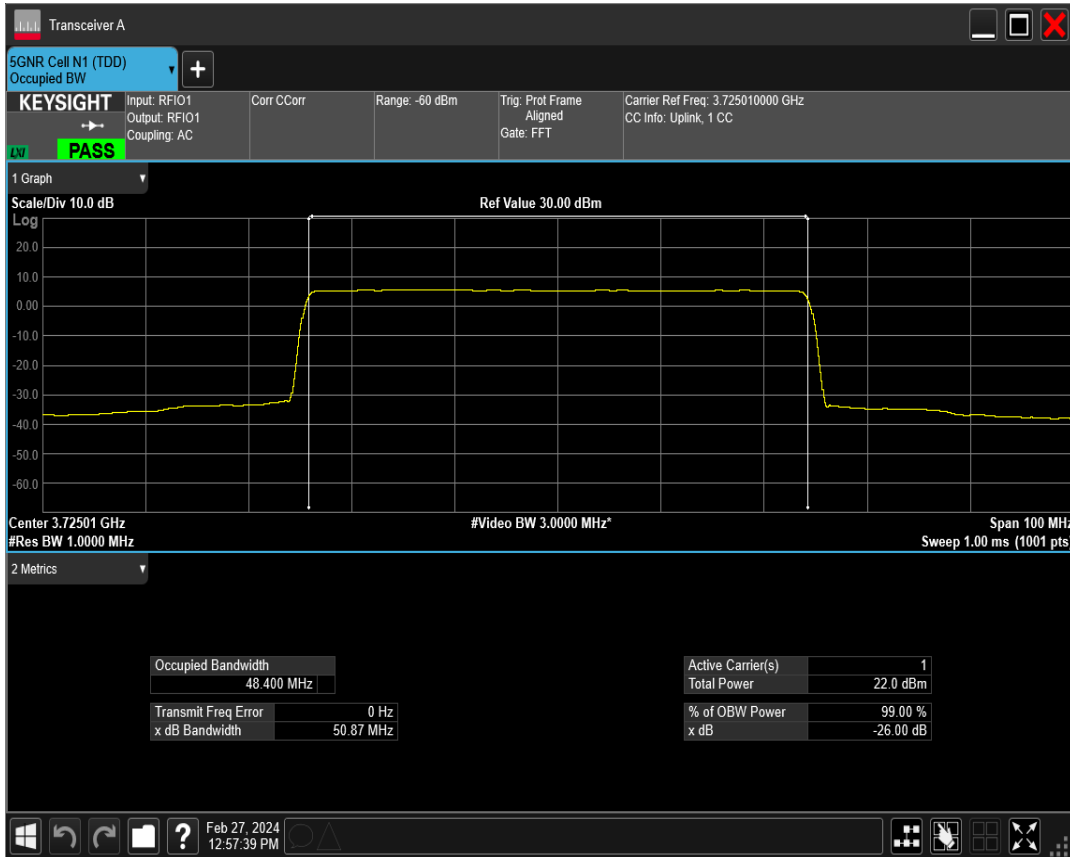
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=648334 RB=270@0



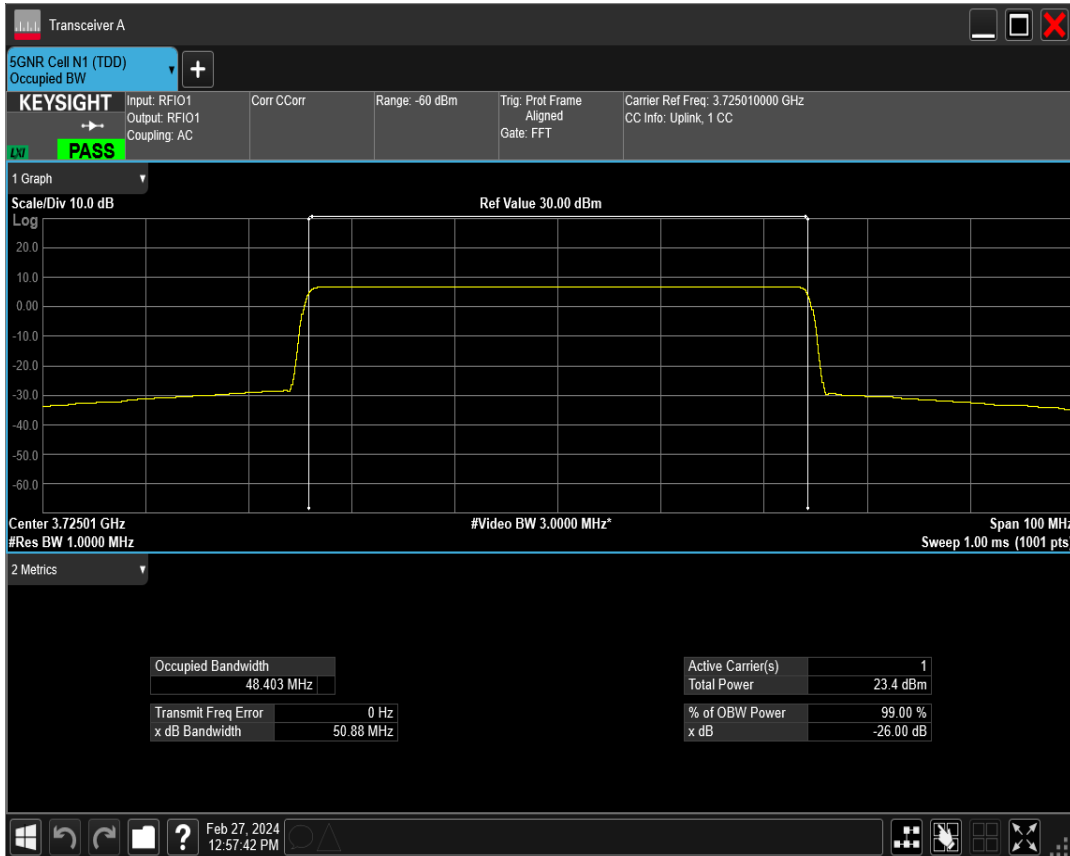
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=648334 RB=270@0



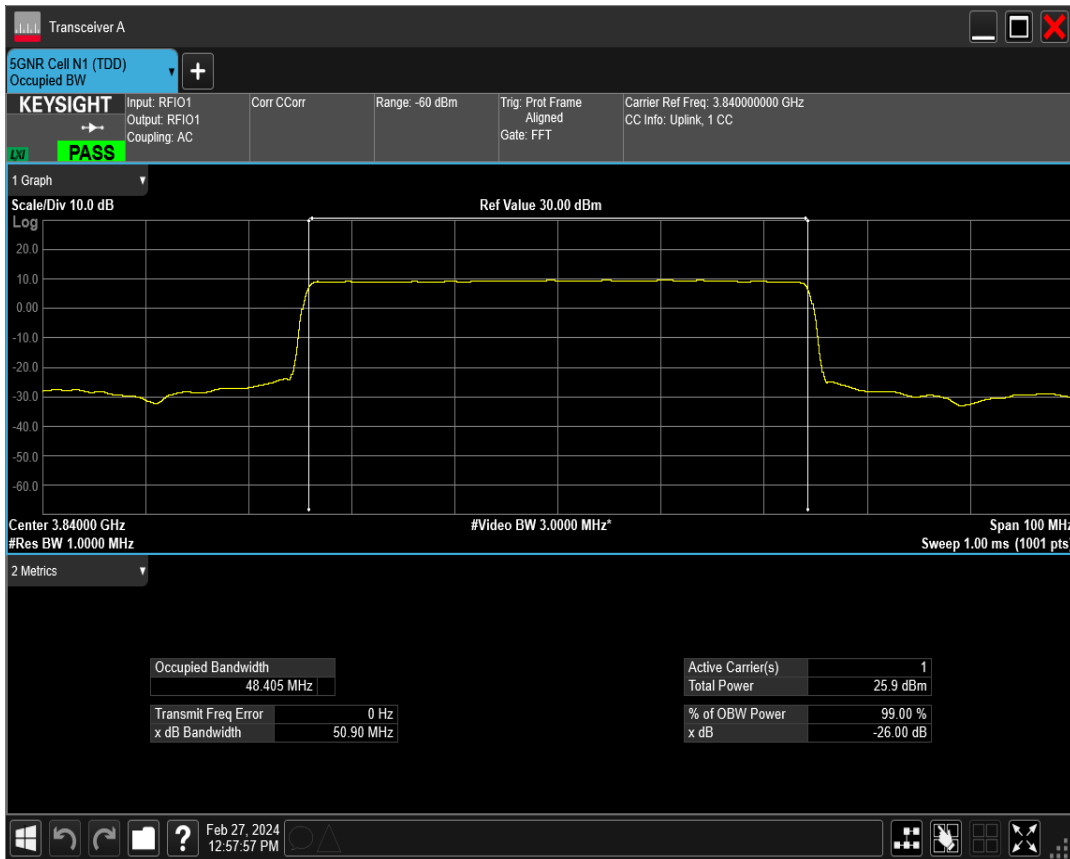
n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=648334 RB=270@0



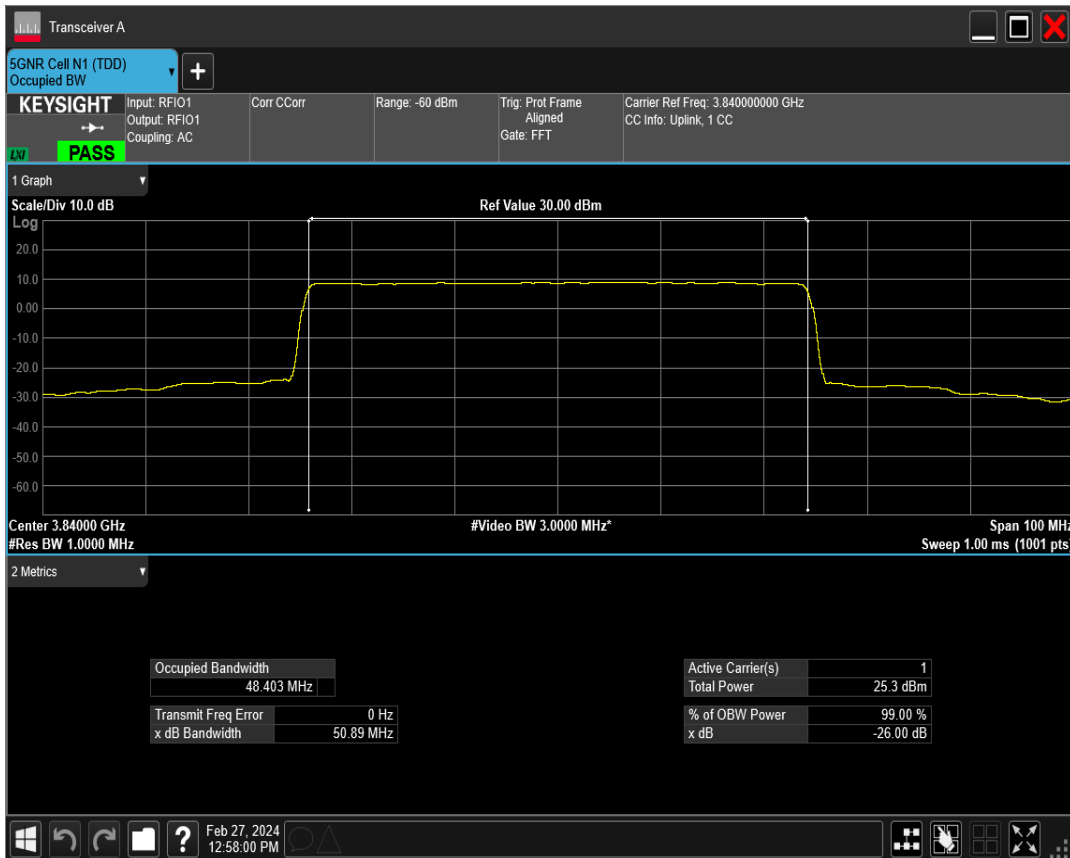
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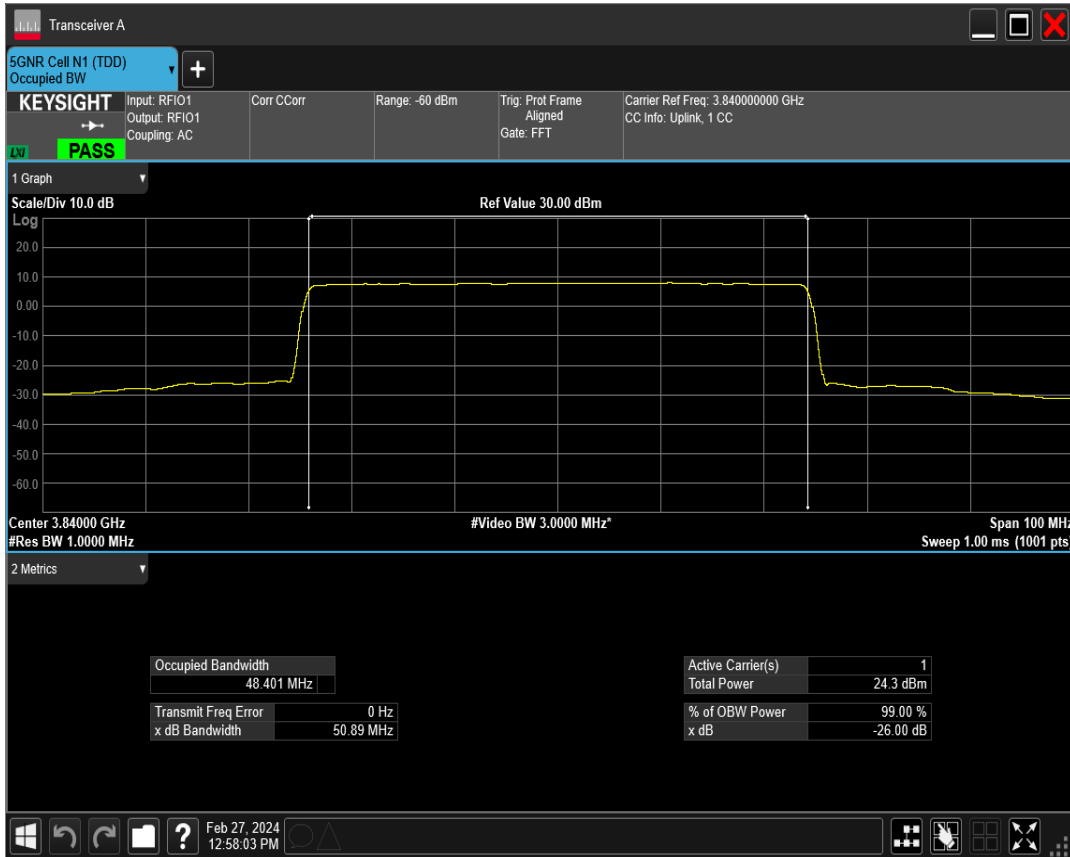
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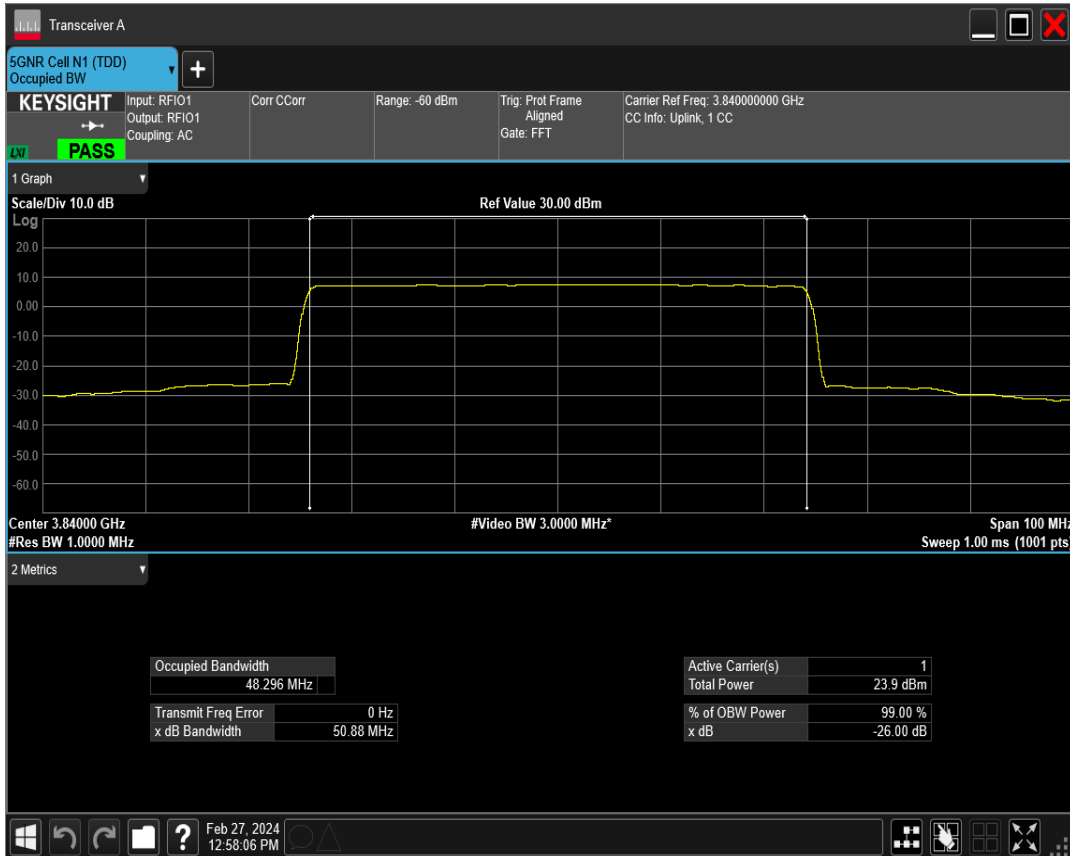
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n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=656000 RB=270@0





n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=656000 RB=270@0



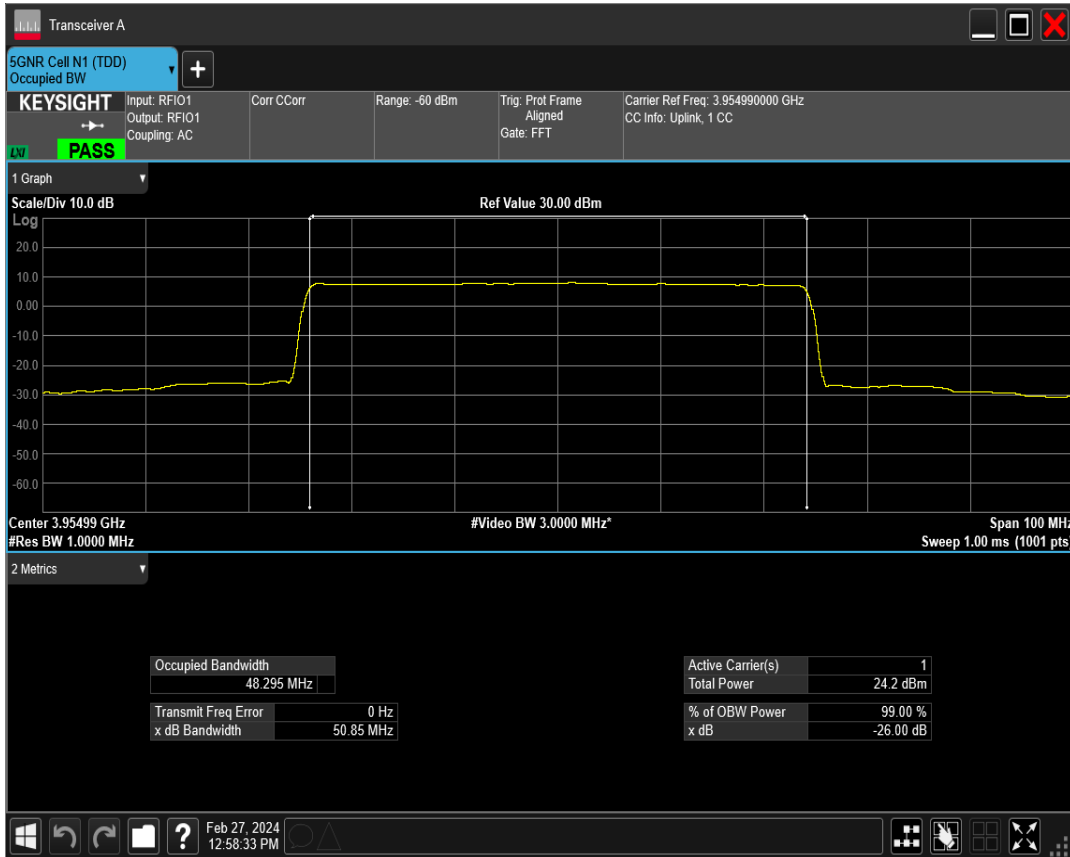
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=663666 RB=270@0



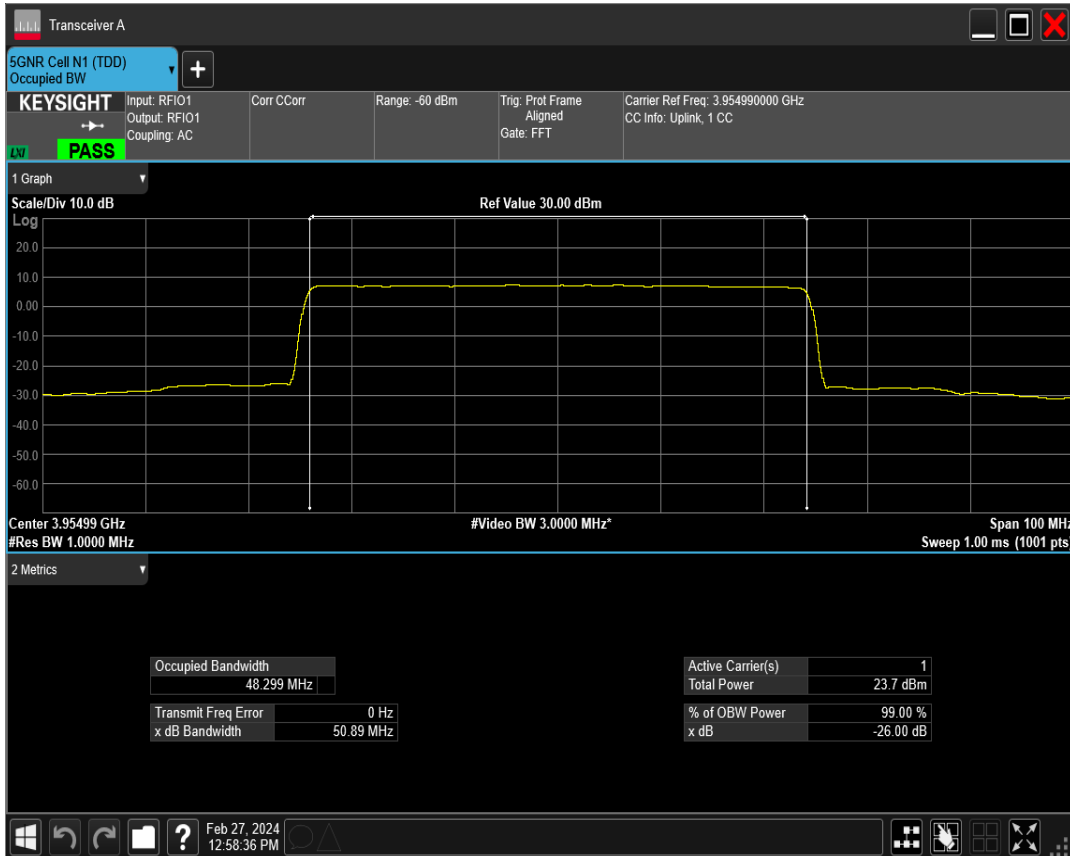
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



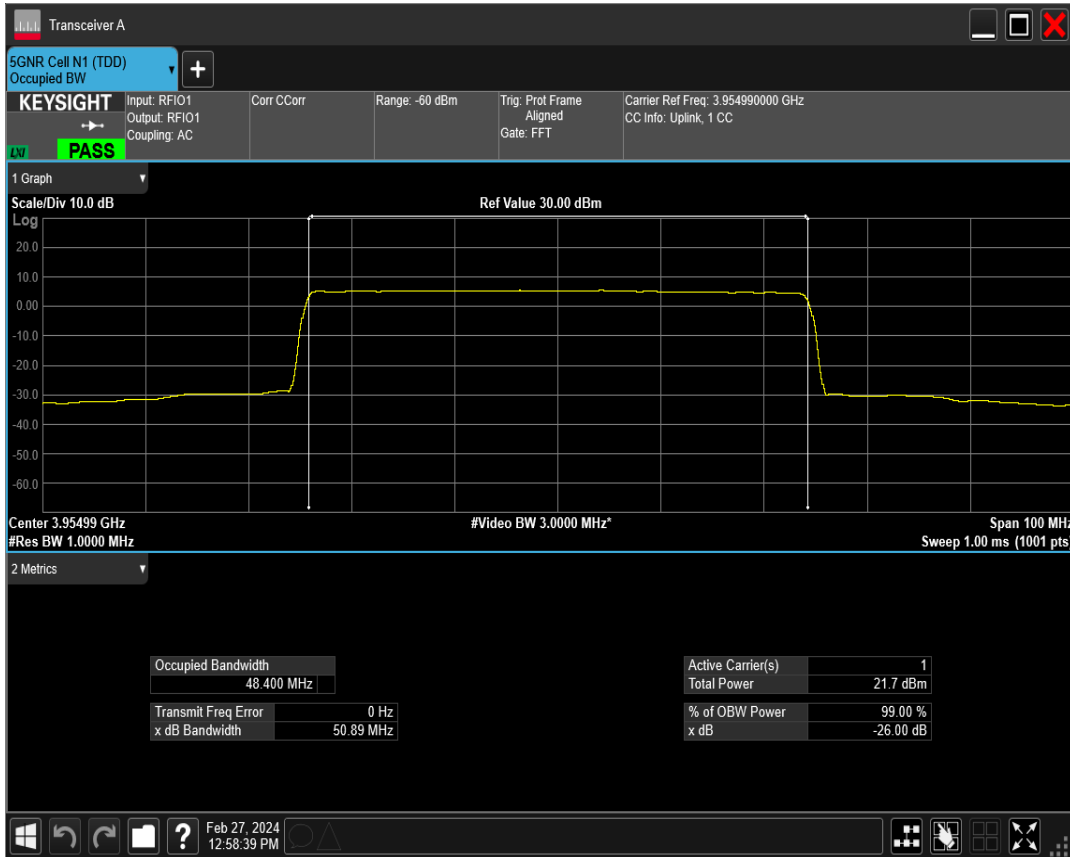
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=663666 RB=270@0



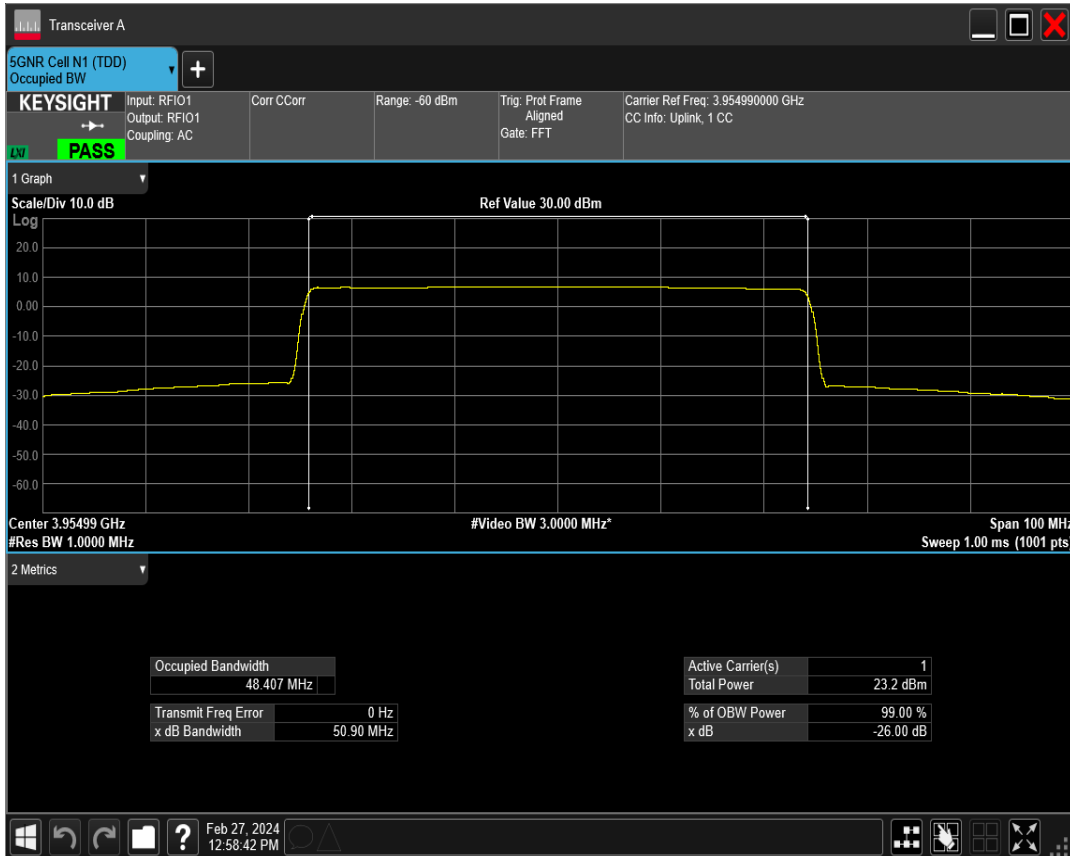
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=663666 RB=270@0



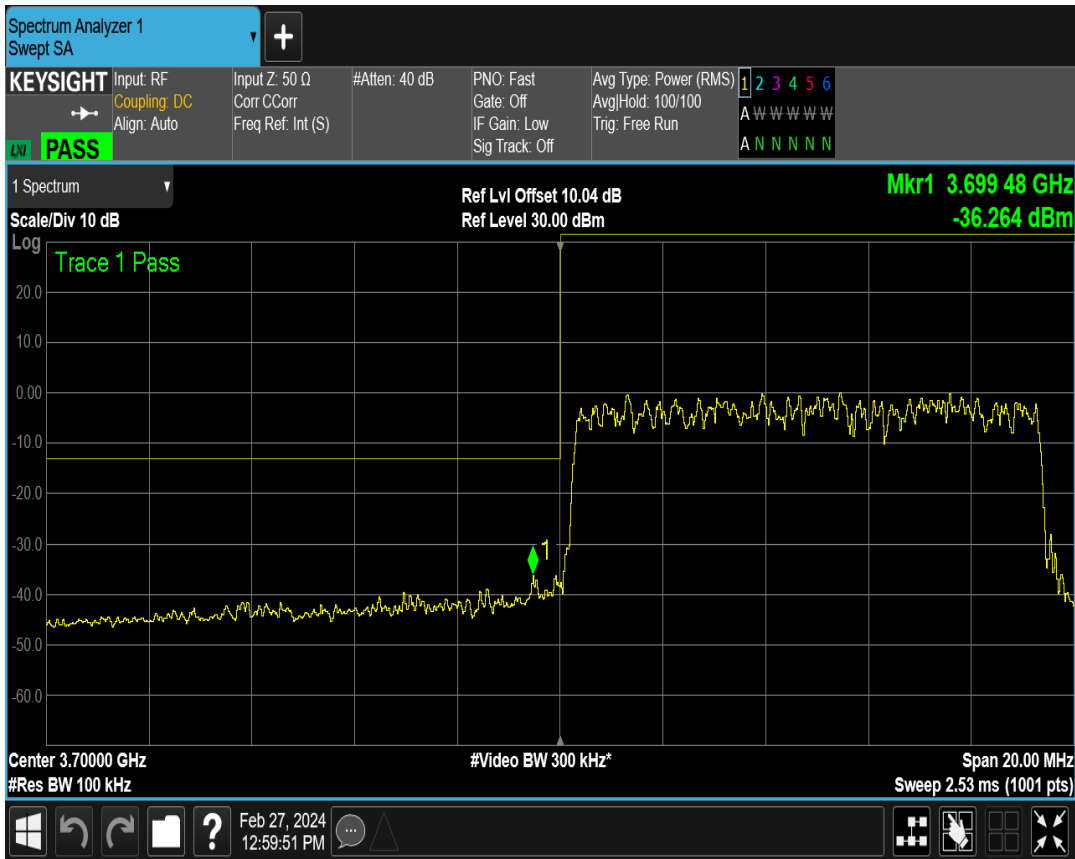
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=663666 RB=270@0



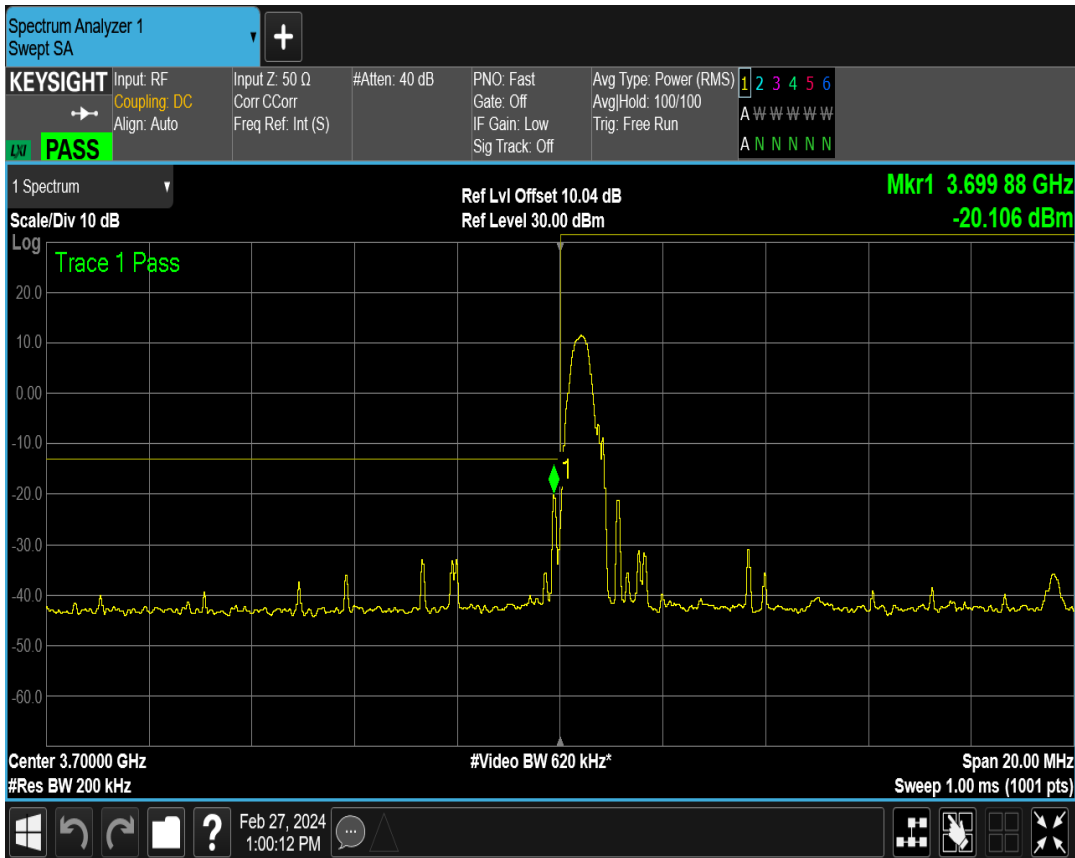
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	3699.48	-36.26	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3699.88	-20.11	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	3980.06	-34.05	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	3980.00	-15.37	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	3692.70	-34.98	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	3700.00	-29.11	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	3980.00	-33.83	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	3980.20	-31.77	-13	PASS

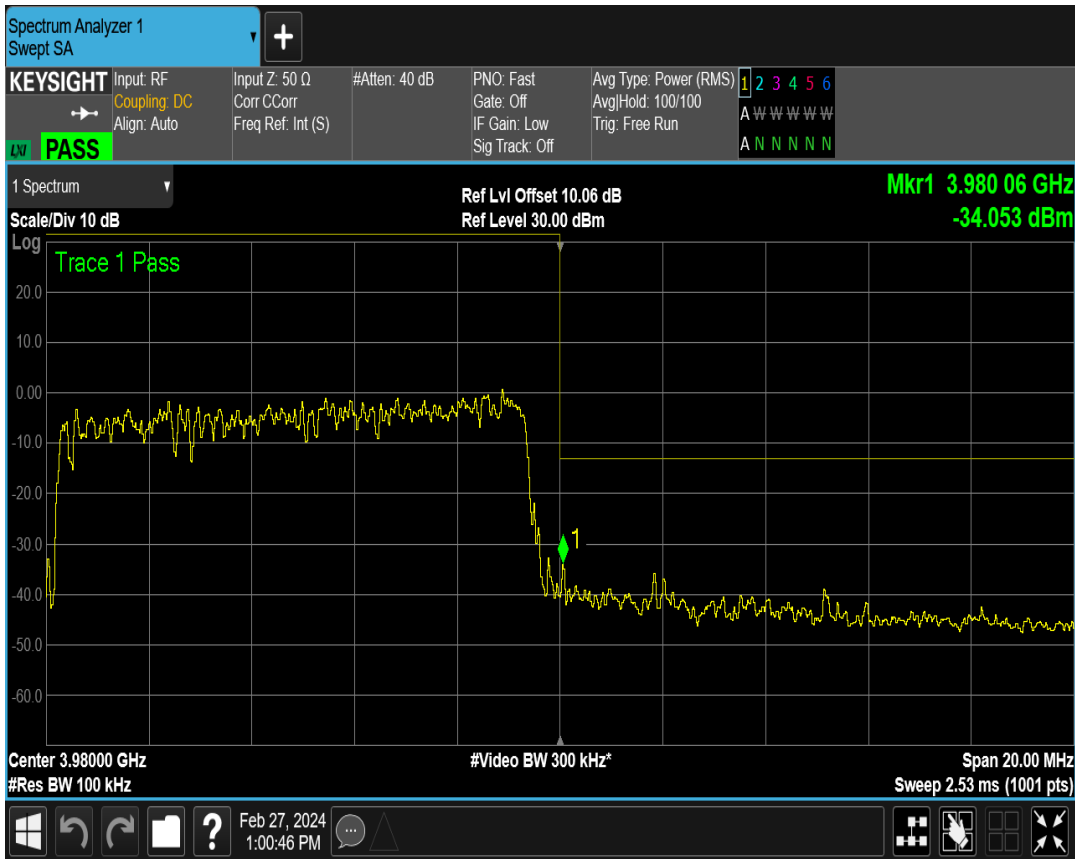
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



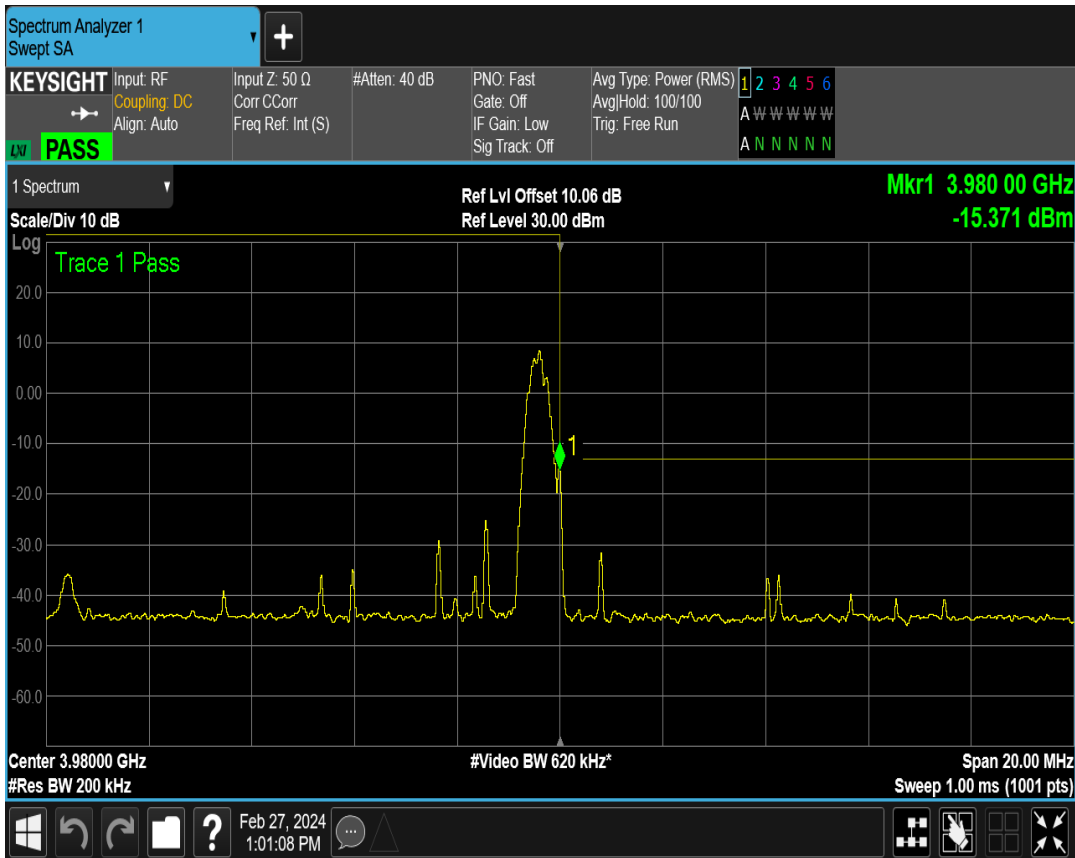
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



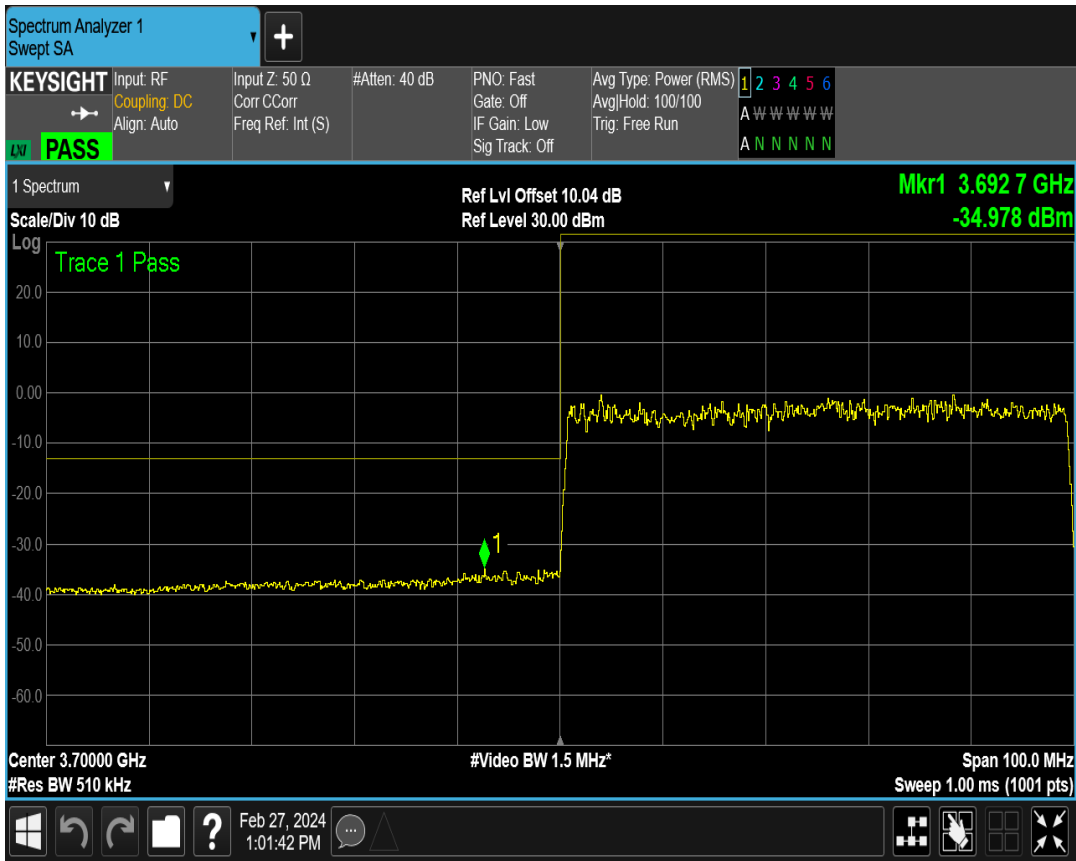
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



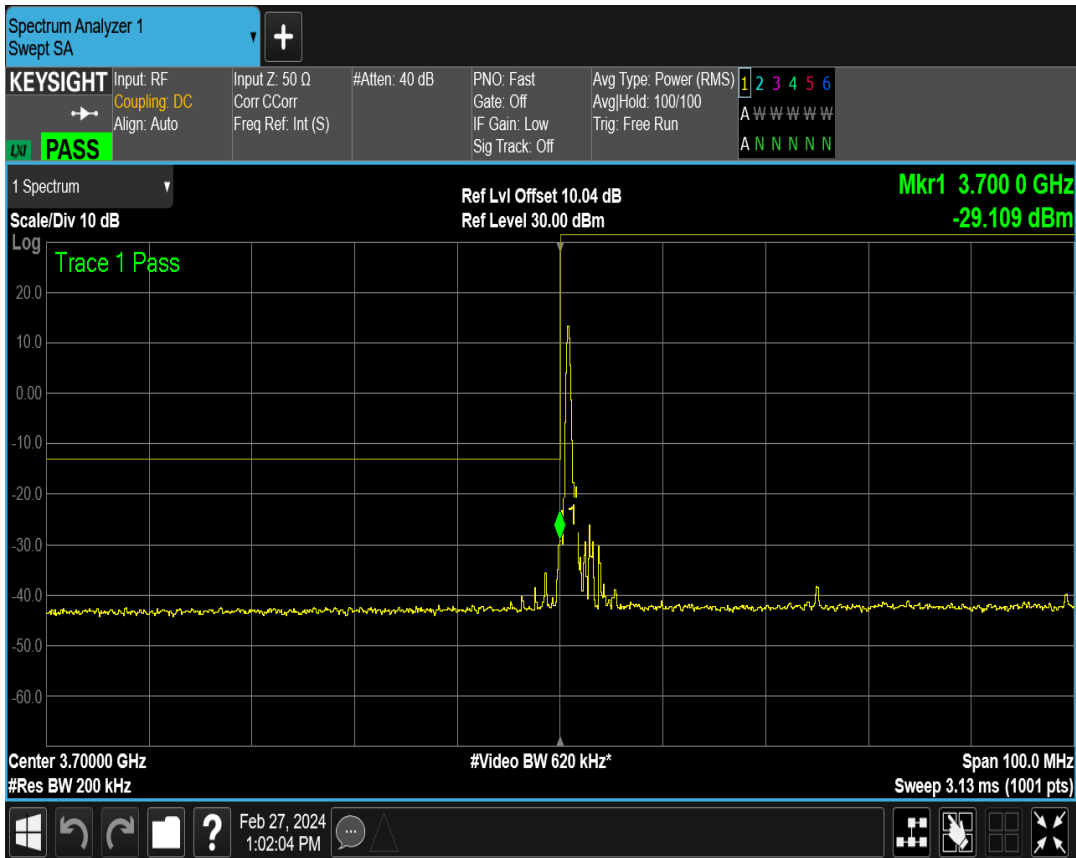
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@0

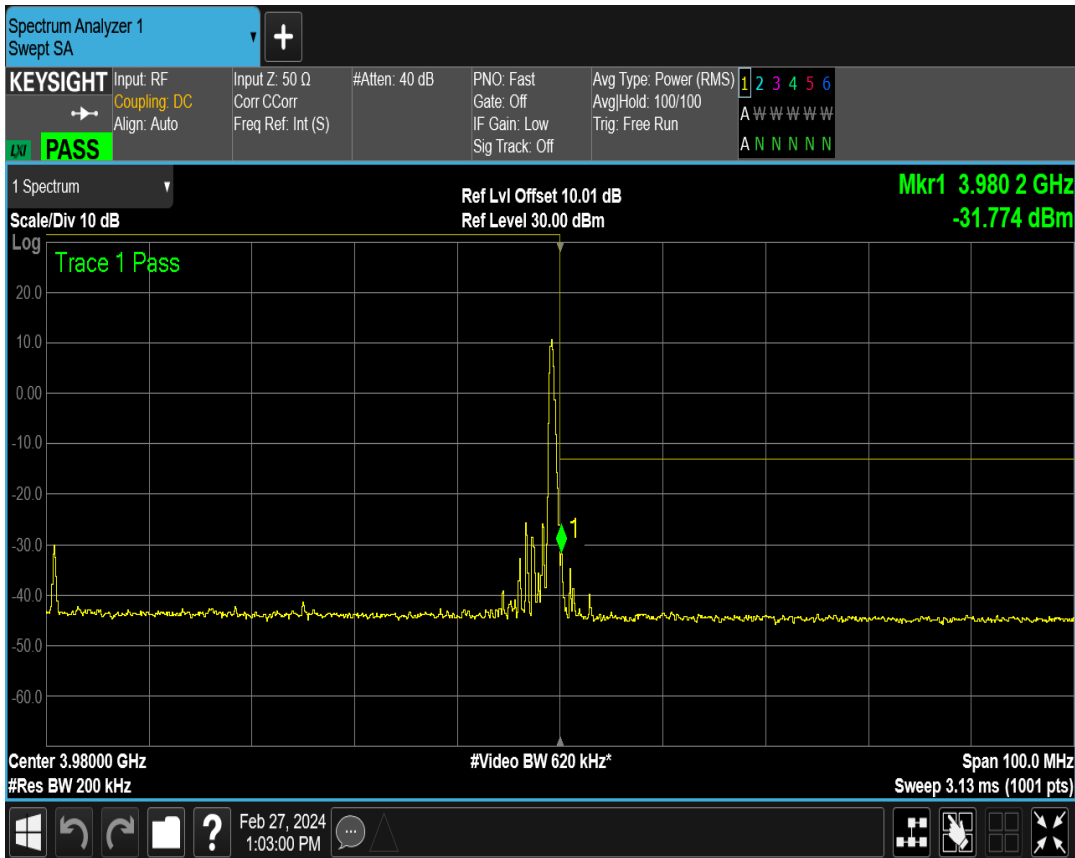




n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



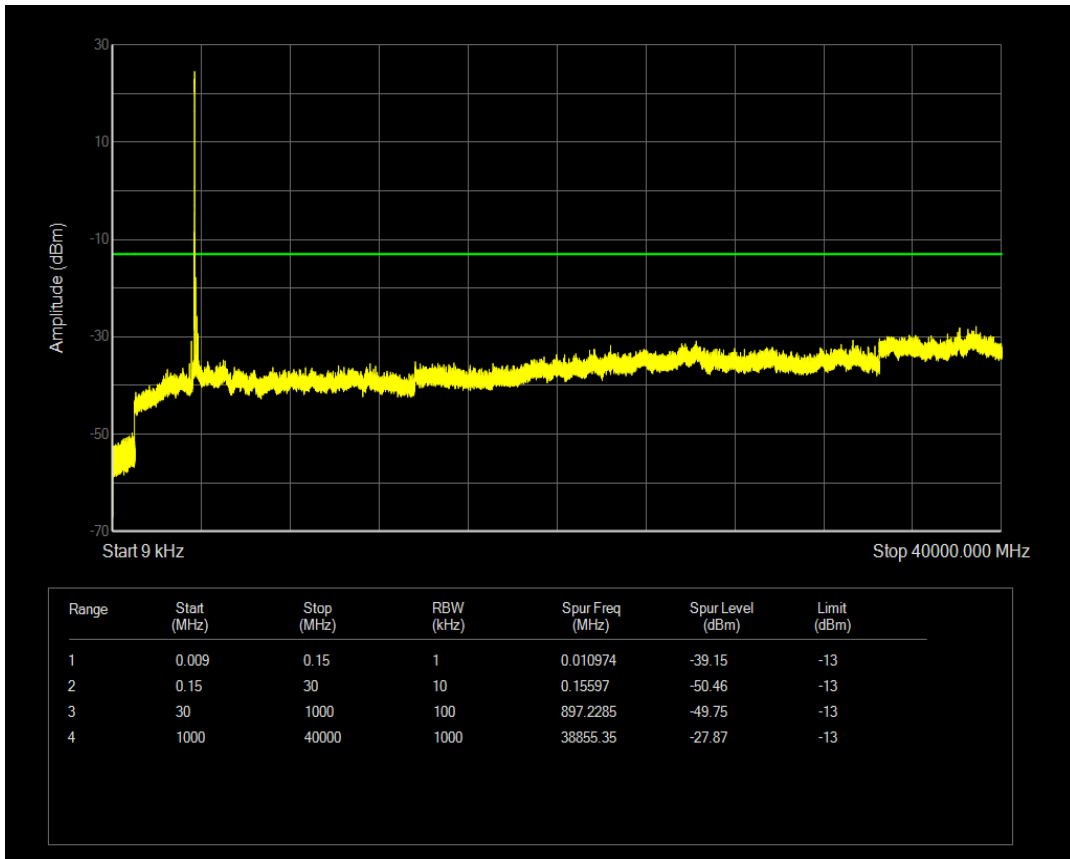
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1@269



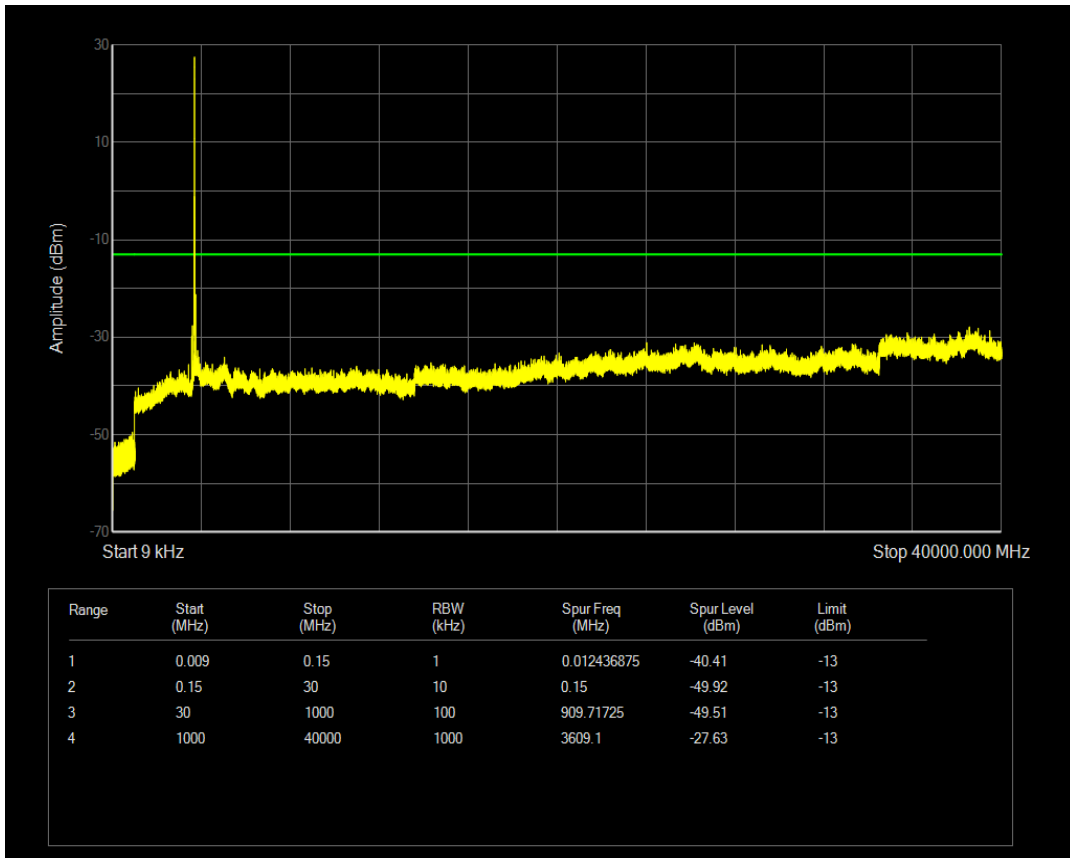
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	38855.35	-27.87	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3609.10	-27.63	-13	PASS
n77(3700-3980)	15	10	647000	1@51	DFT_QPSK	38543.35	-28.04	-13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	38782.23	-28.58	-13	PASS
n77(3700-3980)	15	10	656000	1@0	DFT_QPSK	38523.85	-28.50	-13	PASS
n77(3700-3980)	15	10	656000	1@51	DFT_QPSK	38103.63	-28.88	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	4038.10	-24.25	-13	PASS
n77(3700-3980)	15	10	665000	1@0	DFT_QPSK	38917.75	-28.54	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	38542.38	-28.22	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	38519.95	-28.59	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	38465.35	-27.36	-13	PASS
n77(3700-3980)	15	50	648334	1@269	DFT_QPSK	38459.50	-28.17	-13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	38890.45	-28.37	-13	PASS
n77(3700-3980)	15	50	656000	1@0	DFT_QPSK	38838.78	-28.93	-13	PASS
n77(3700-3980)	15	50	656000	1@269	DFT_QPSK	38658.40	-28.00	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	38786.13	-27.87	-13	PASS
n77(3700-3980)	15	50	663666	1@0	DFT_QPSK	38836.83	-28.41	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	38108.50	-28.59	-13	PASS

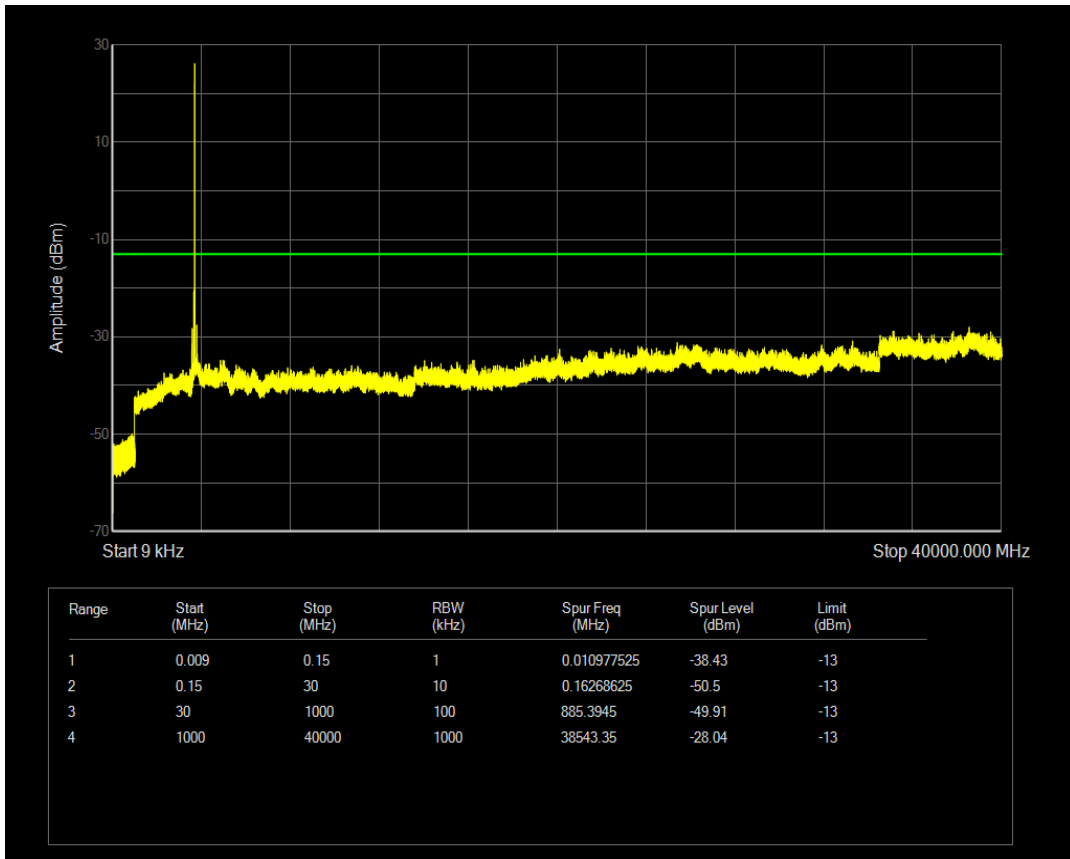
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



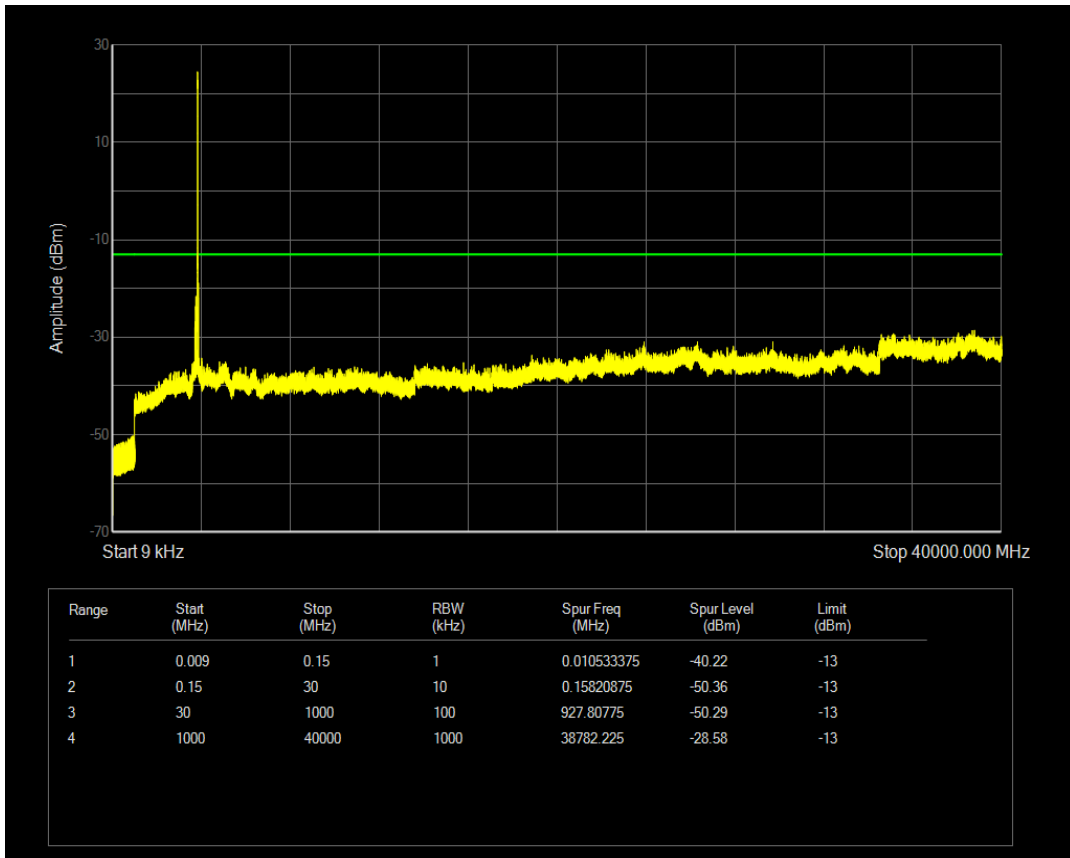
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



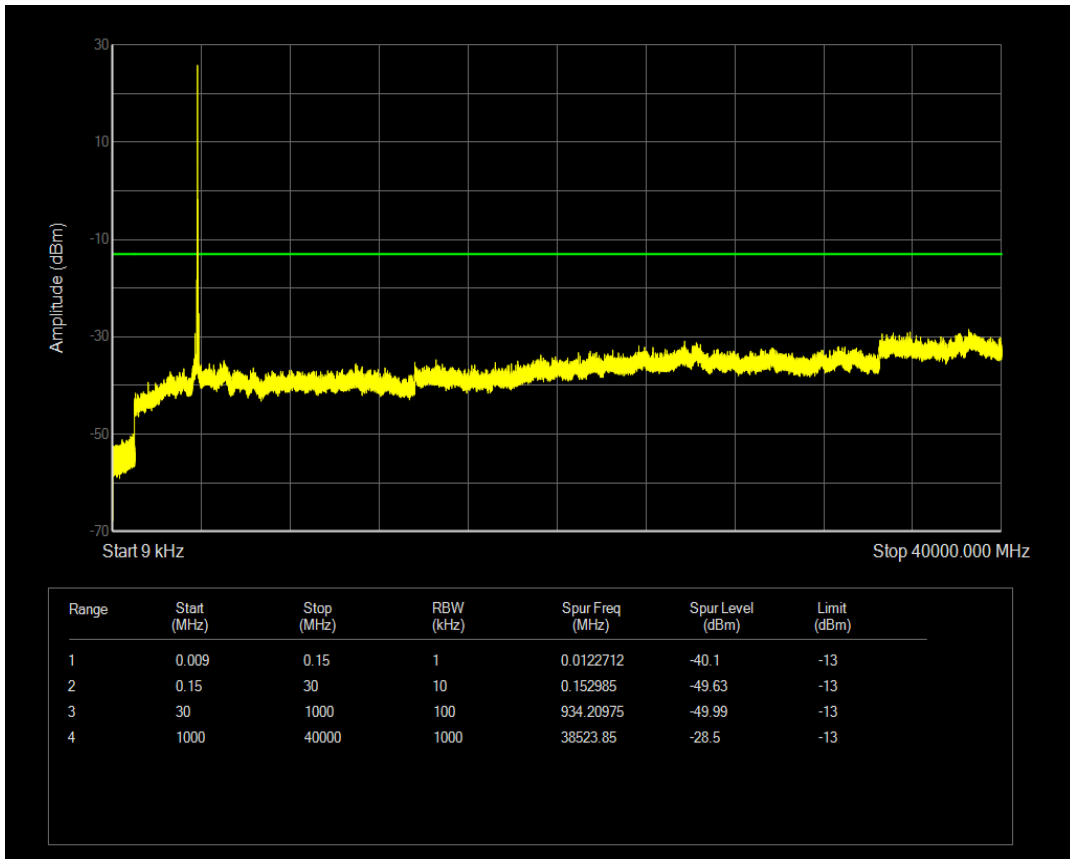
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@51



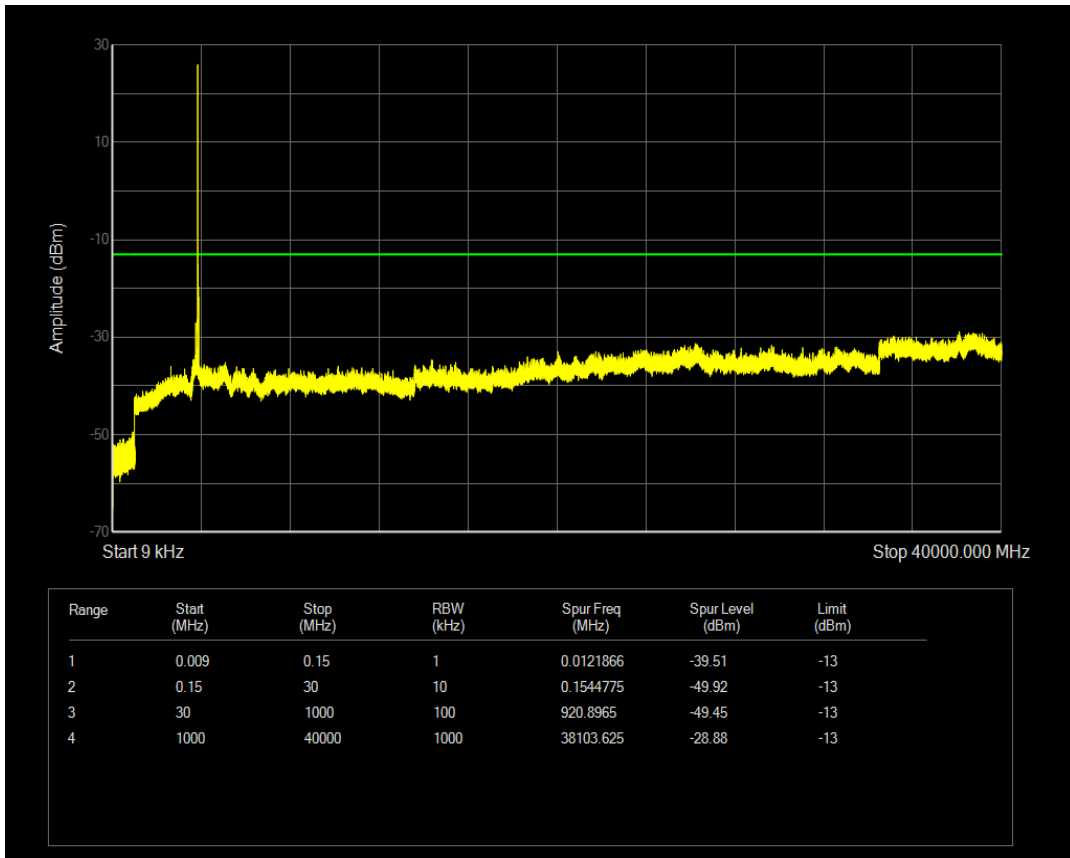
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=50@0



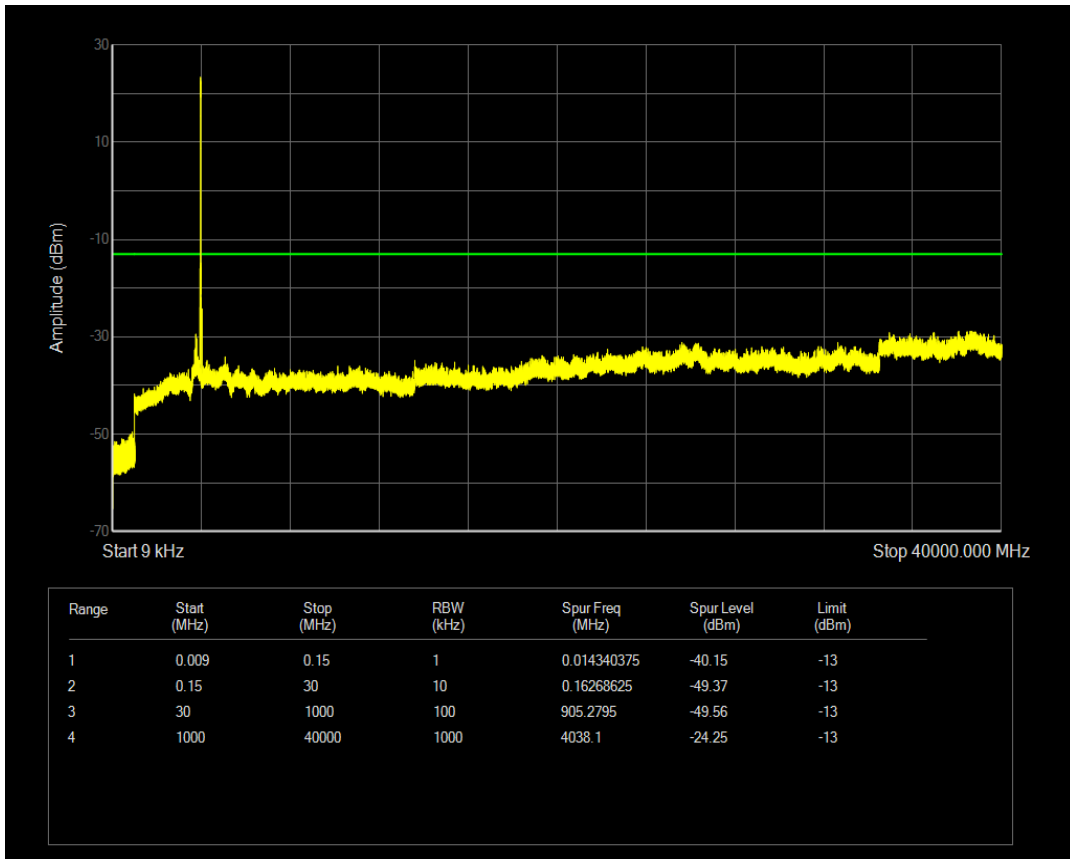
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0



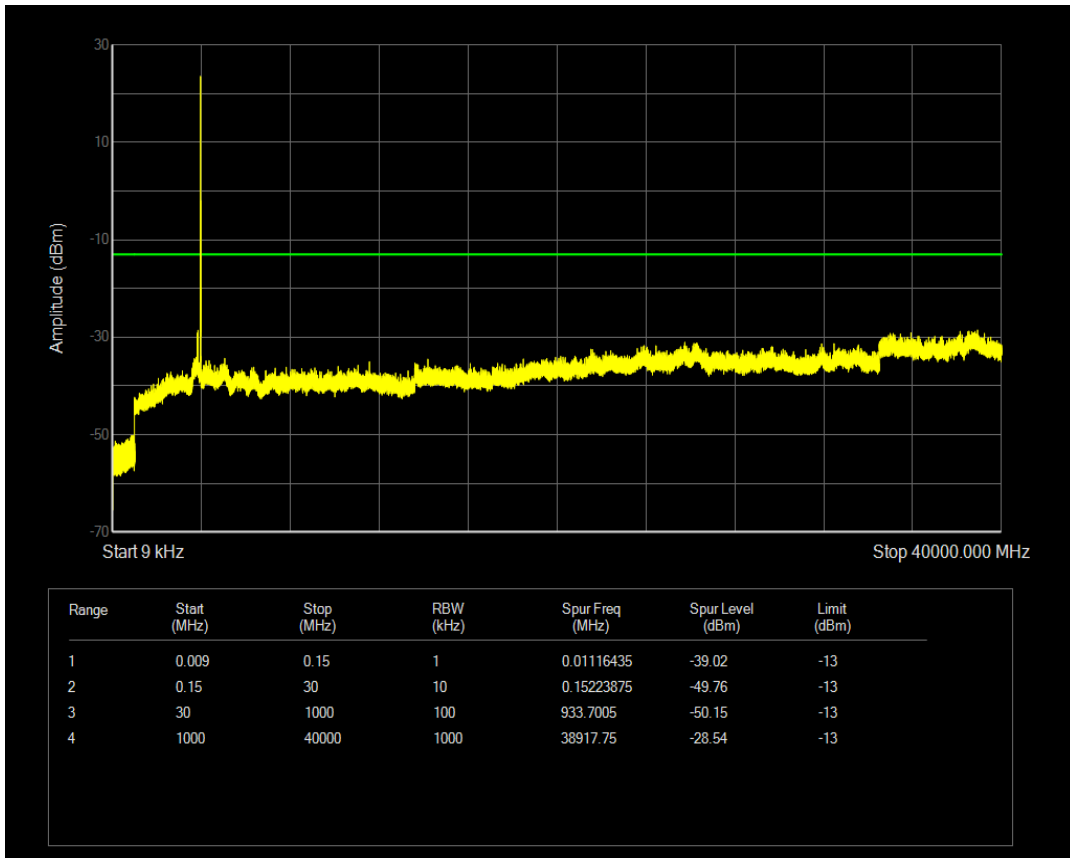
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@51



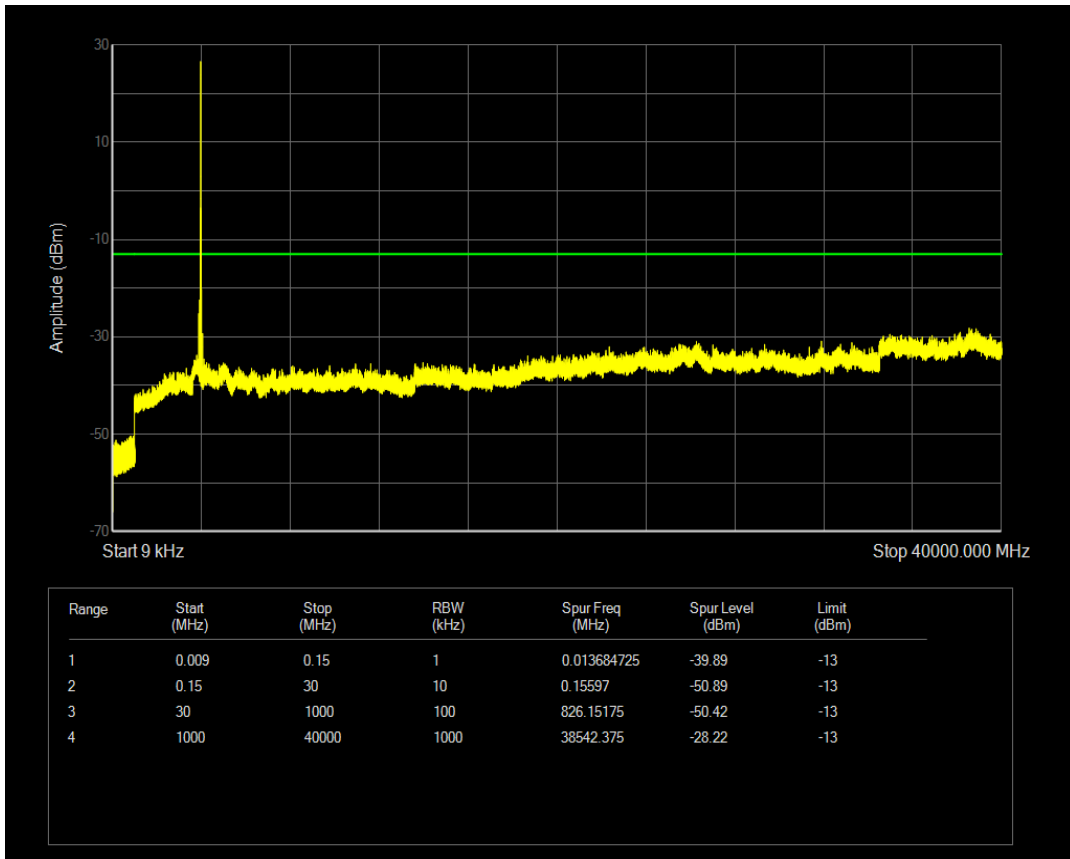
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



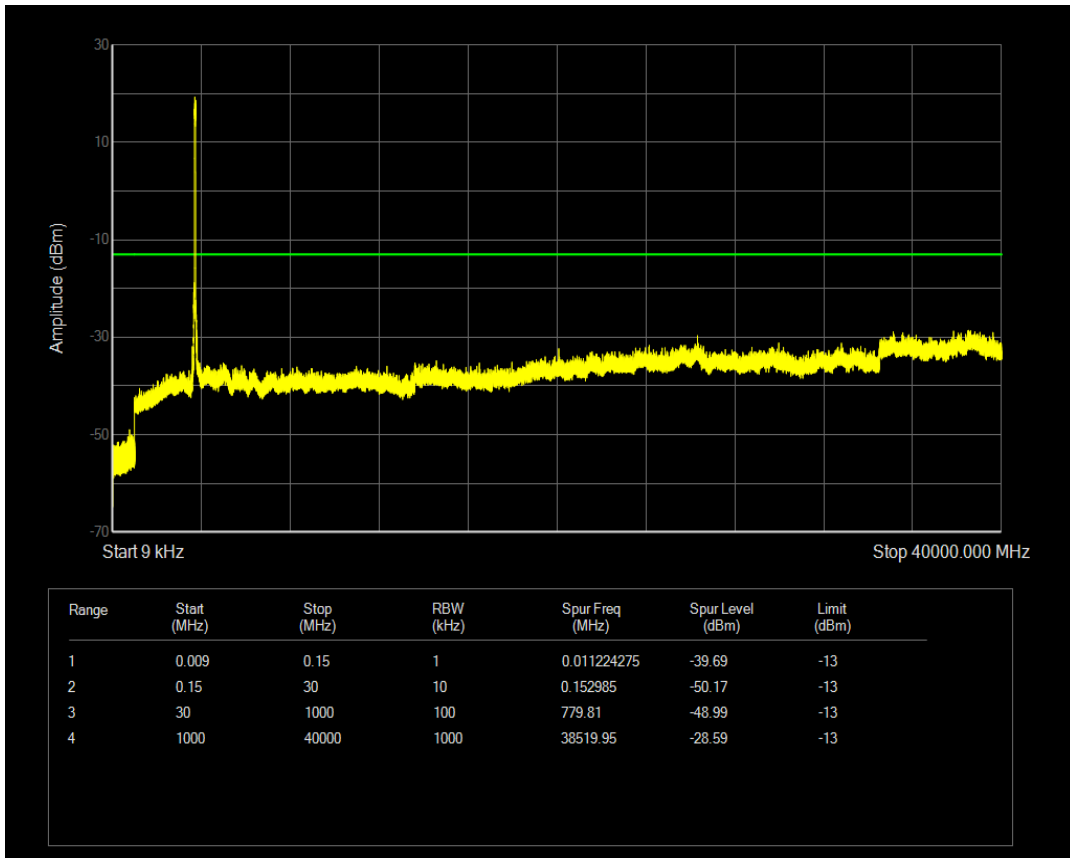
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@0



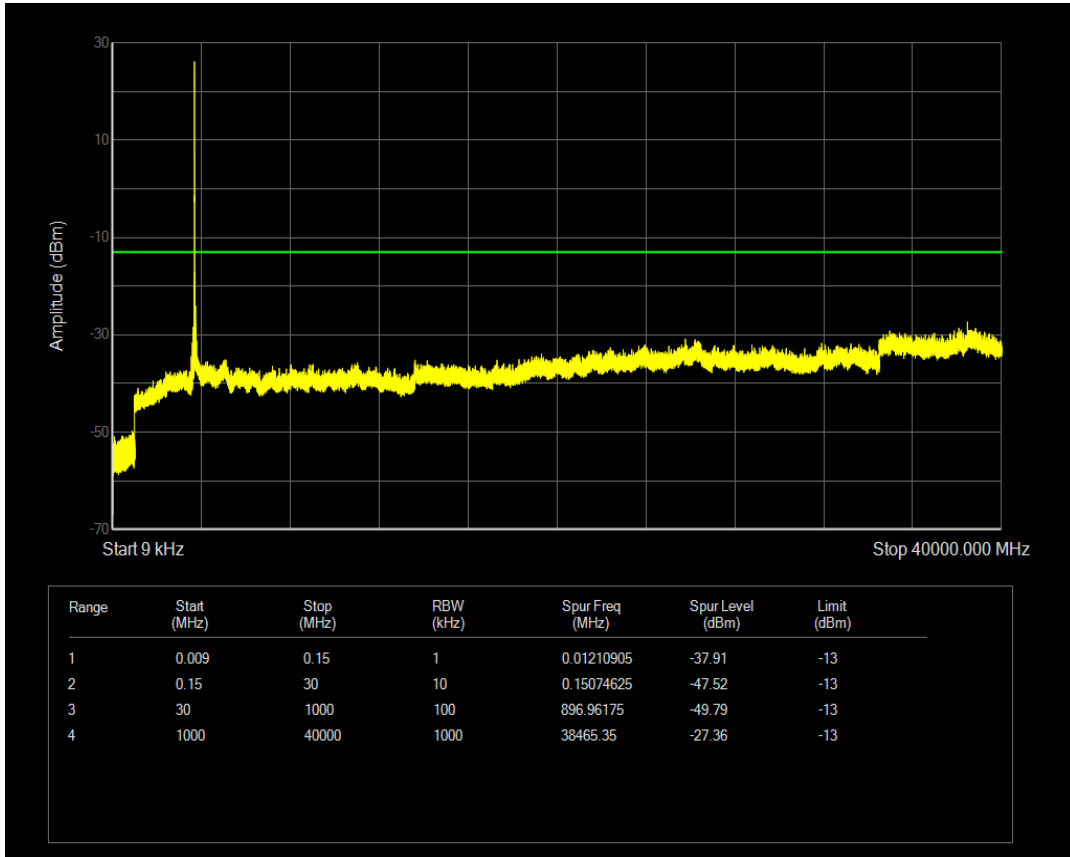
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



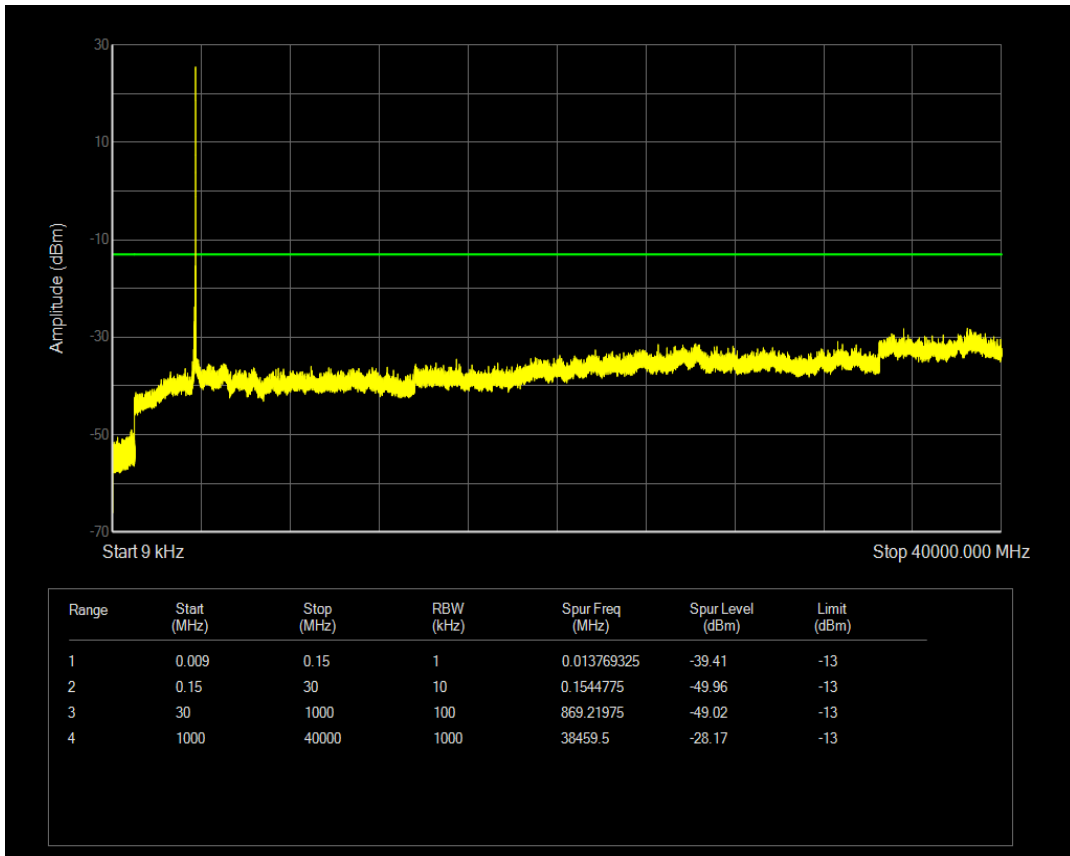
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @0

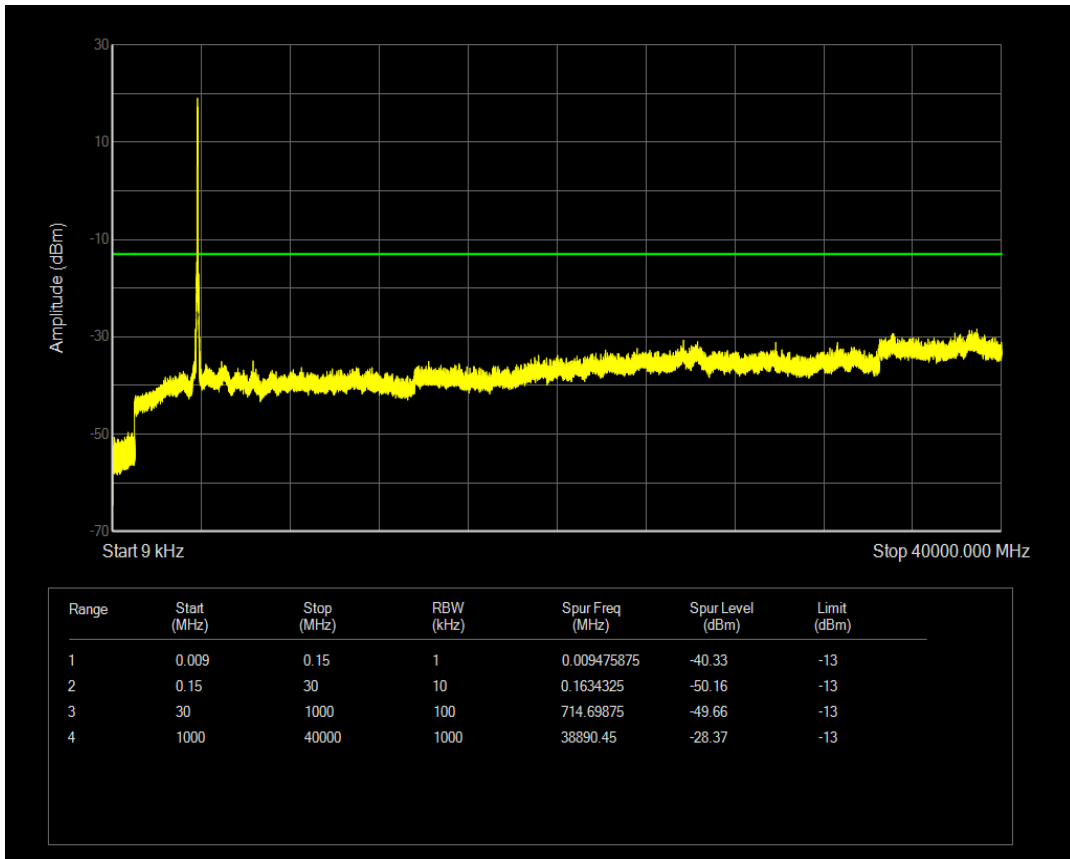


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @269

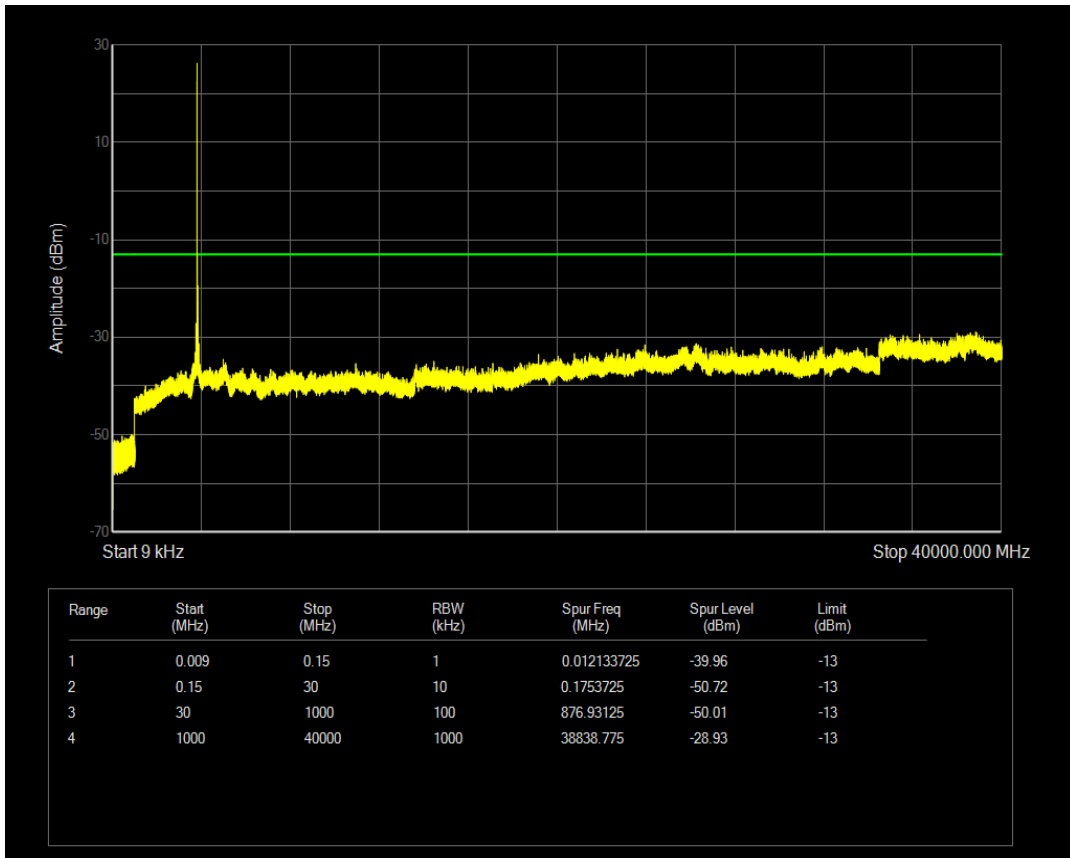




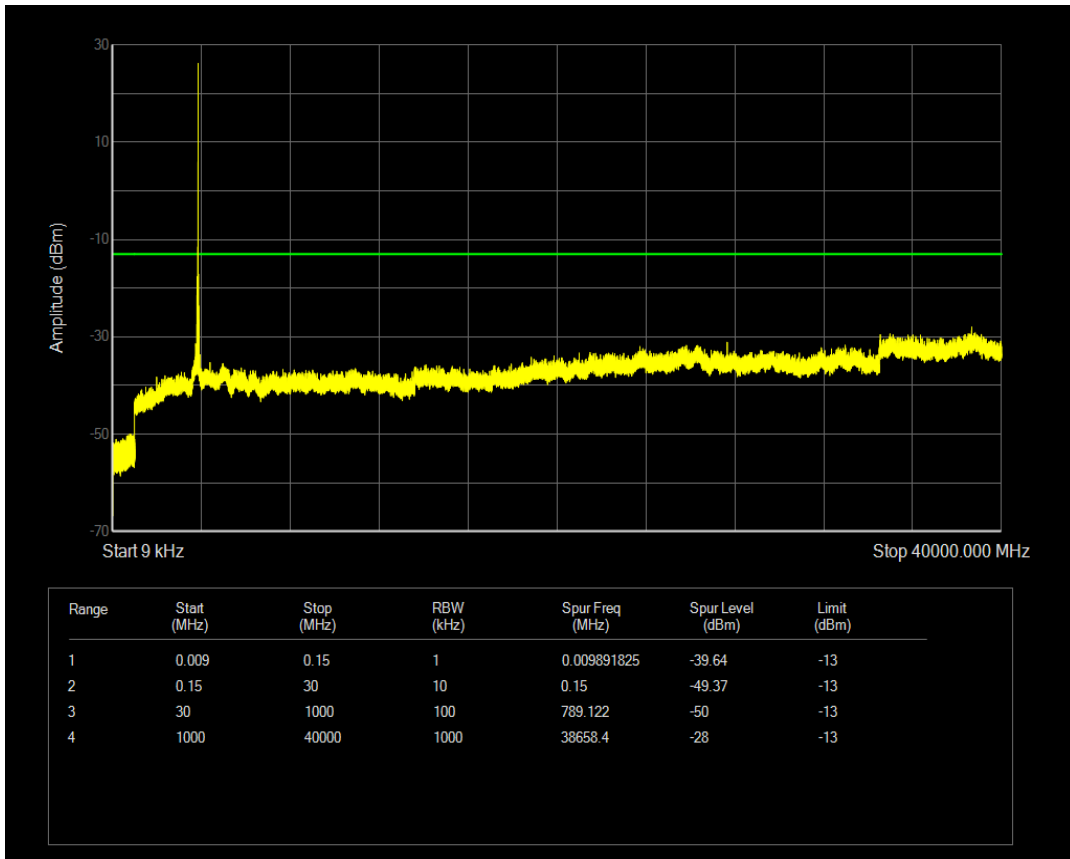
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



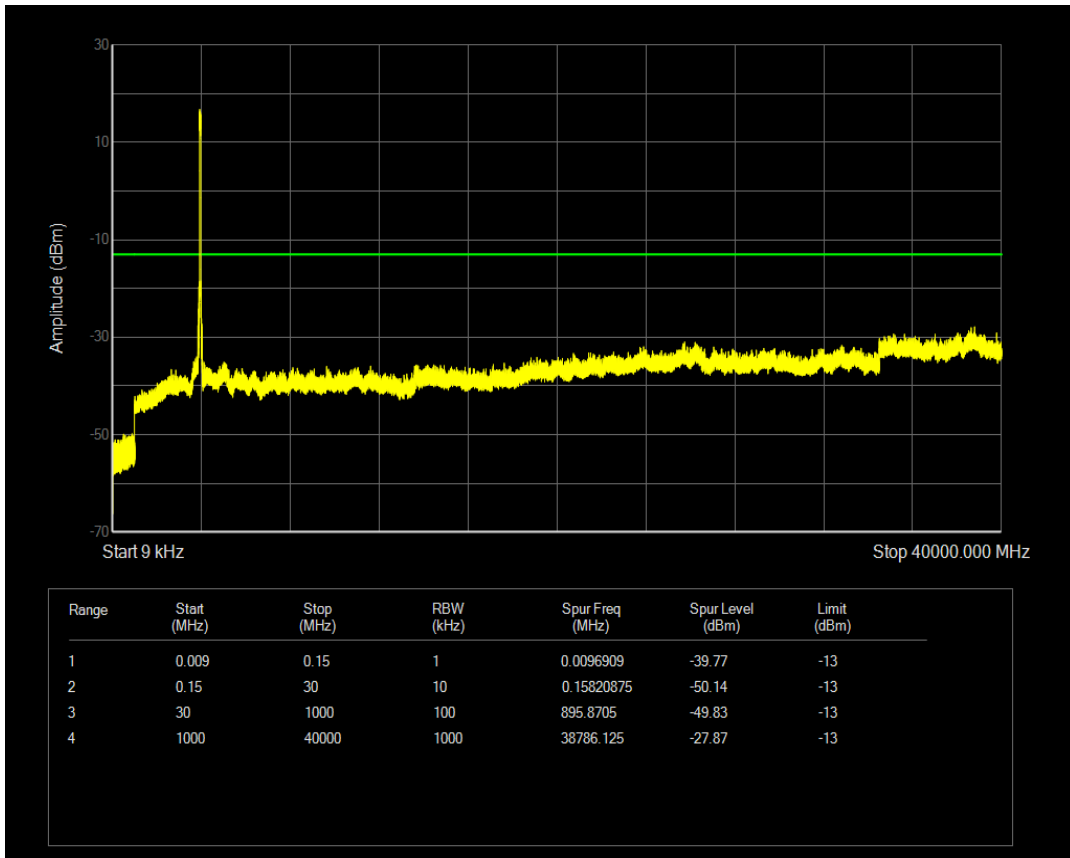
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1@0



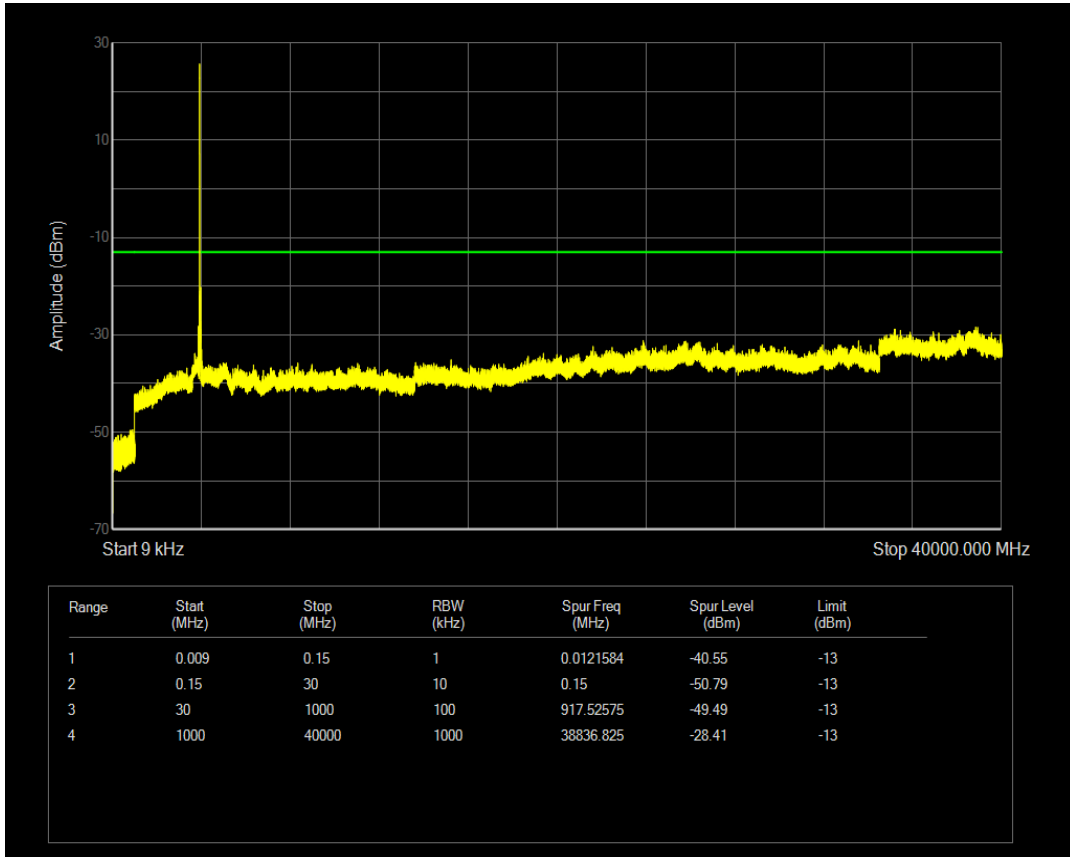
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1 @269



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270 @0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1 @0



n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1 @269

