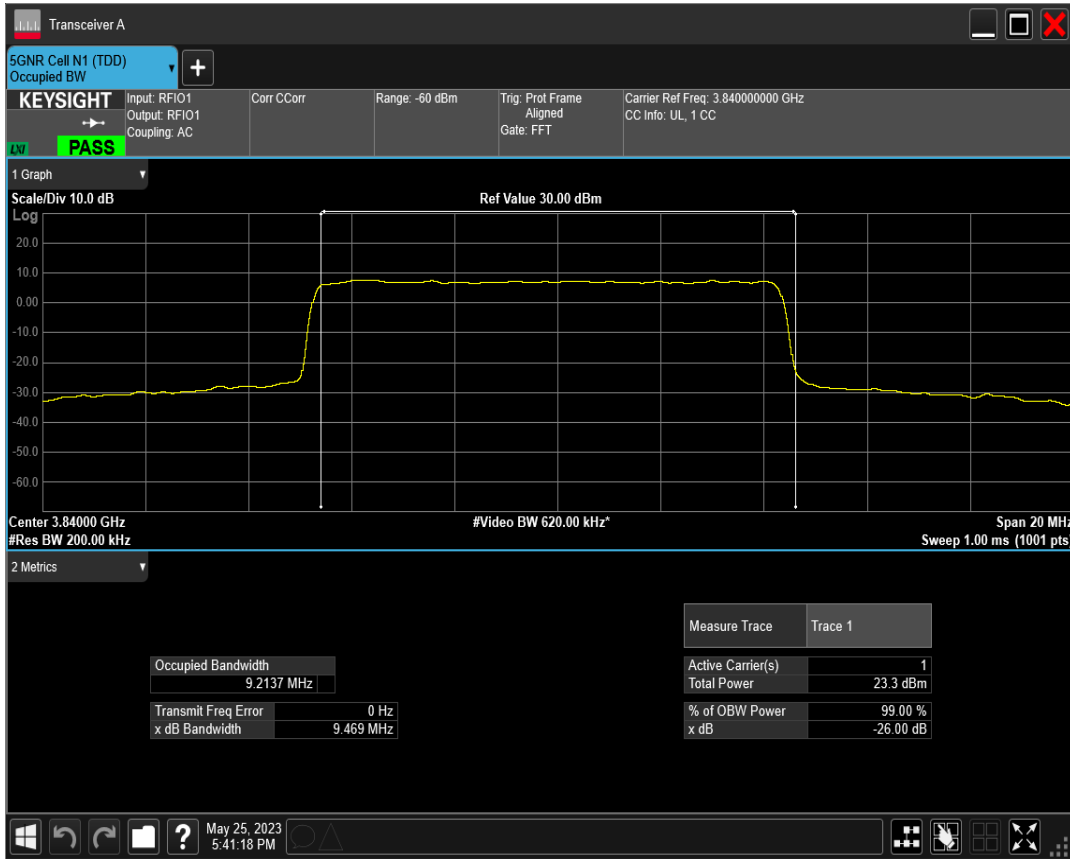


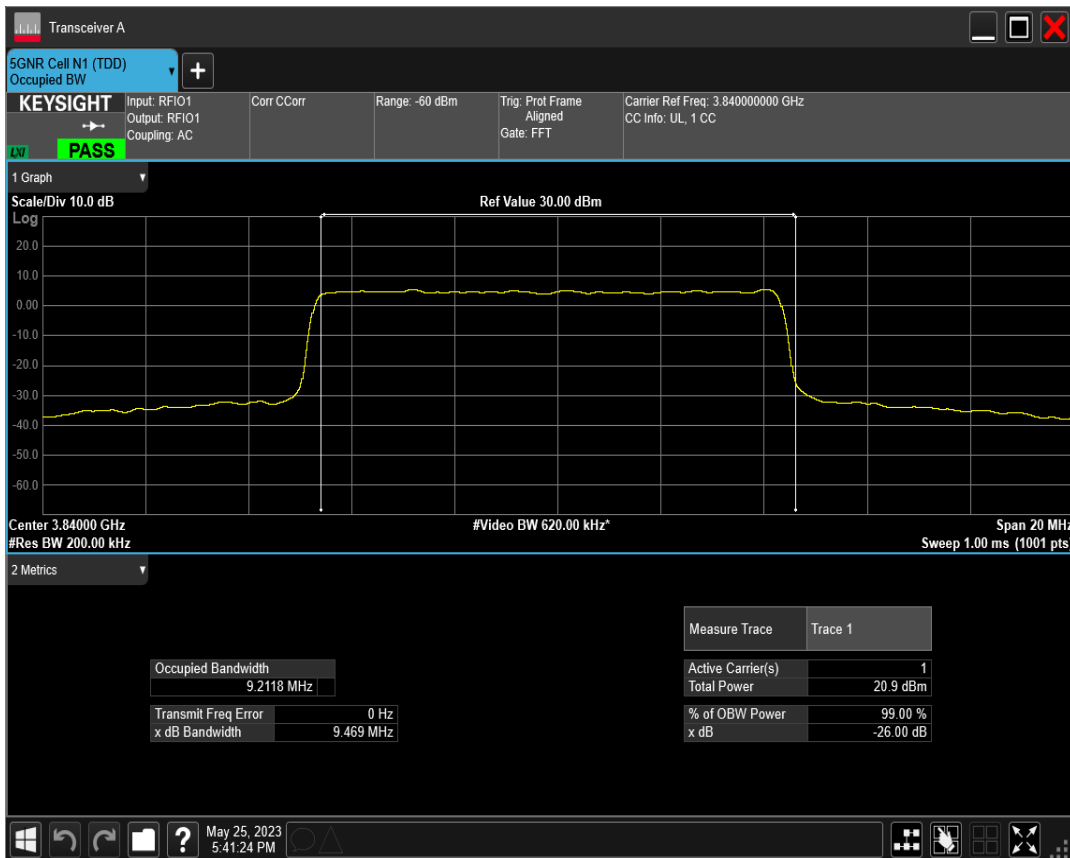
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=656000 RB=50@0



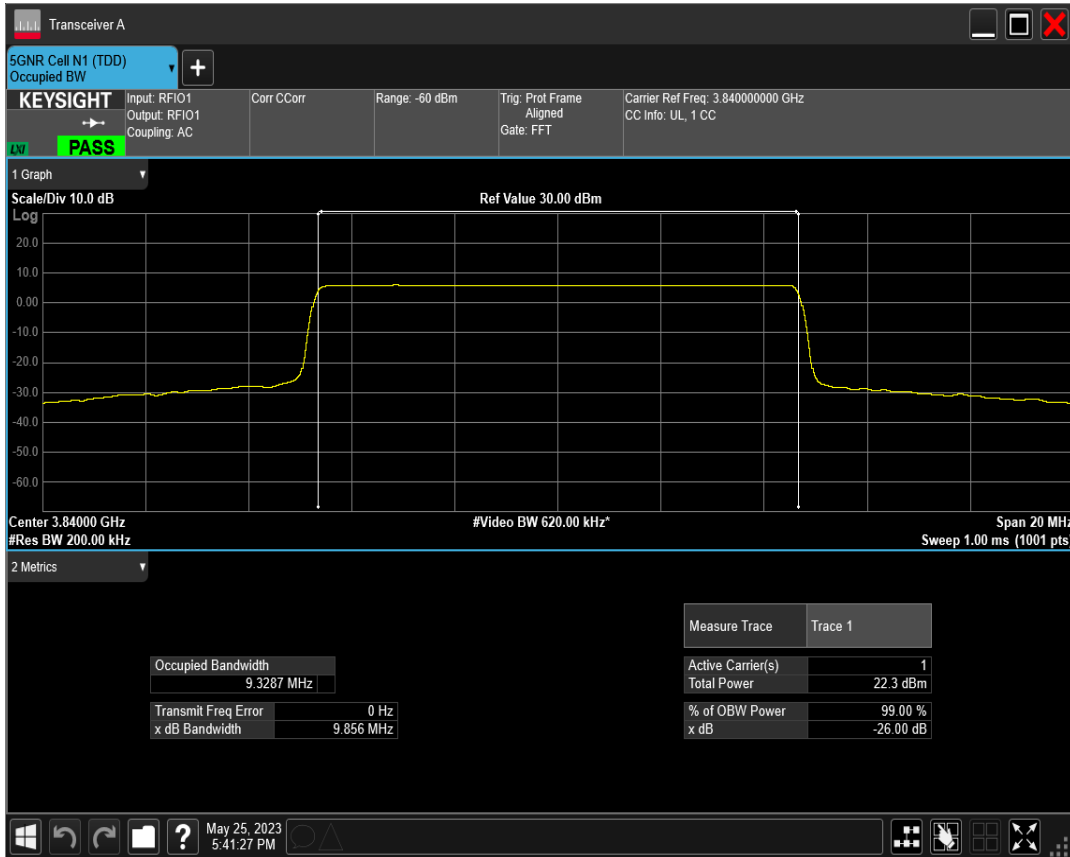
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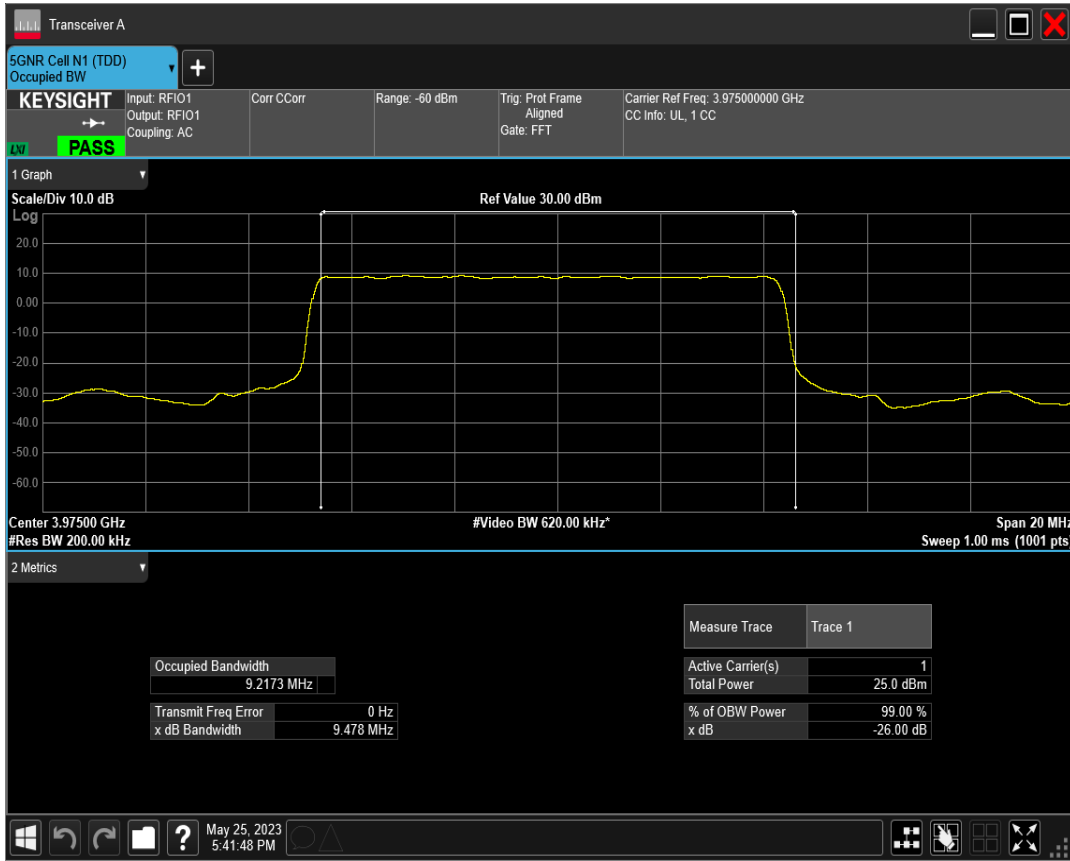
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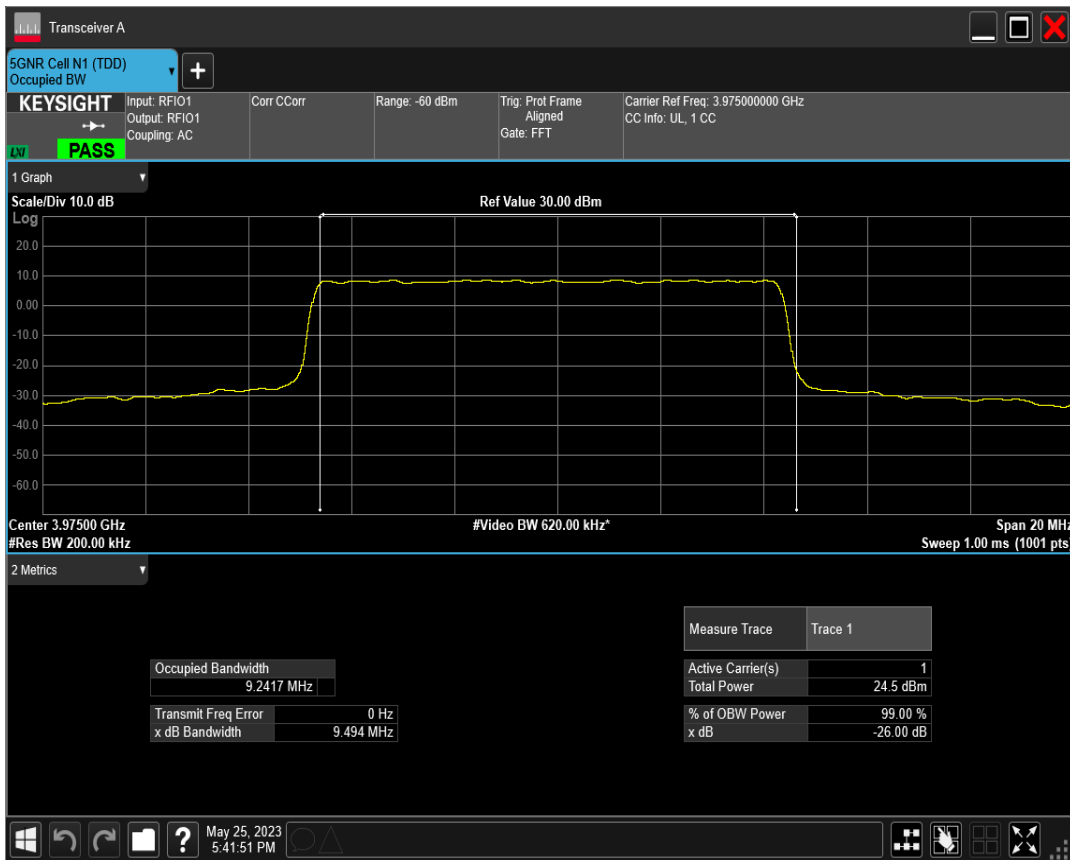
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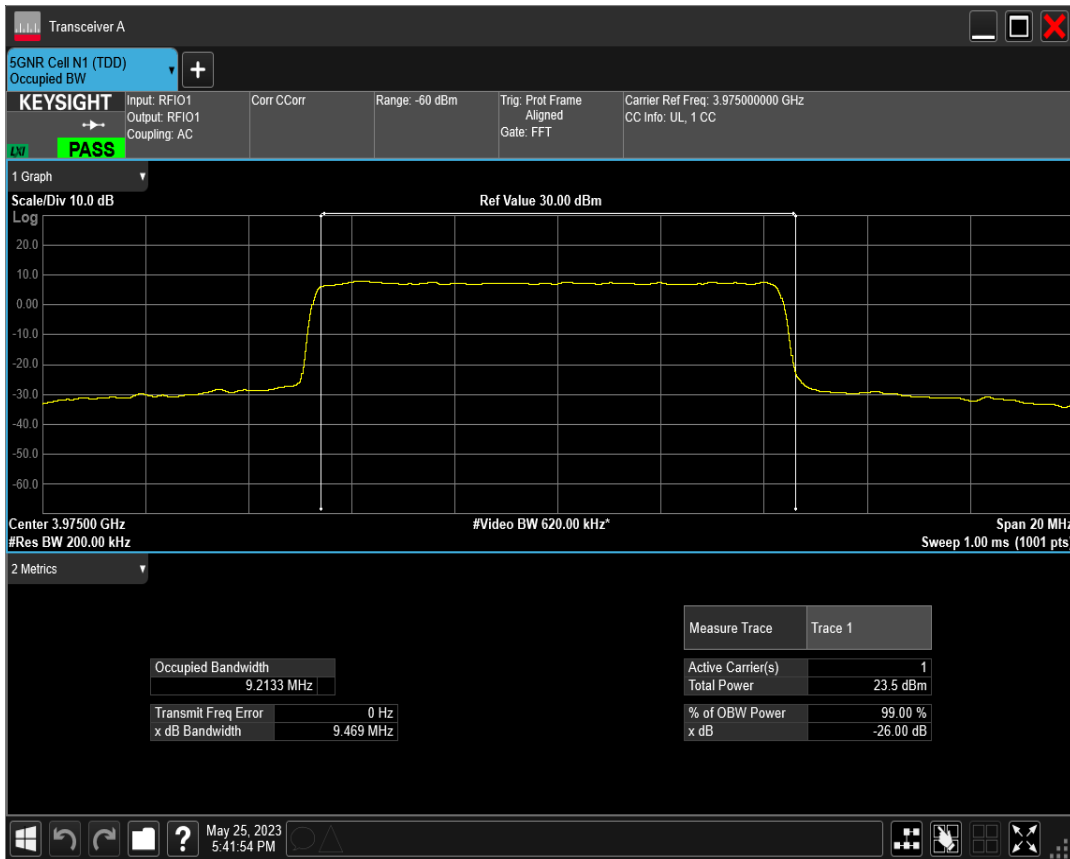
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=10MHz Channel=665000 RB=50@0



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



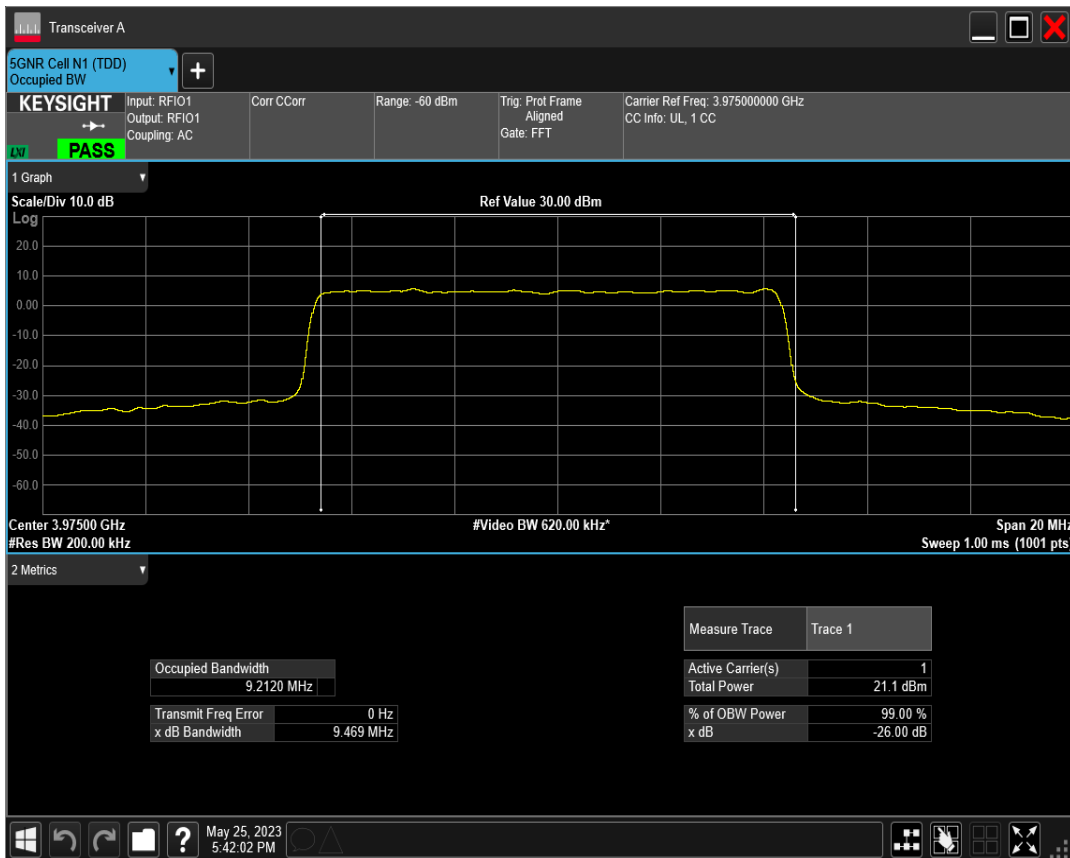
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=665000 RB=50@0



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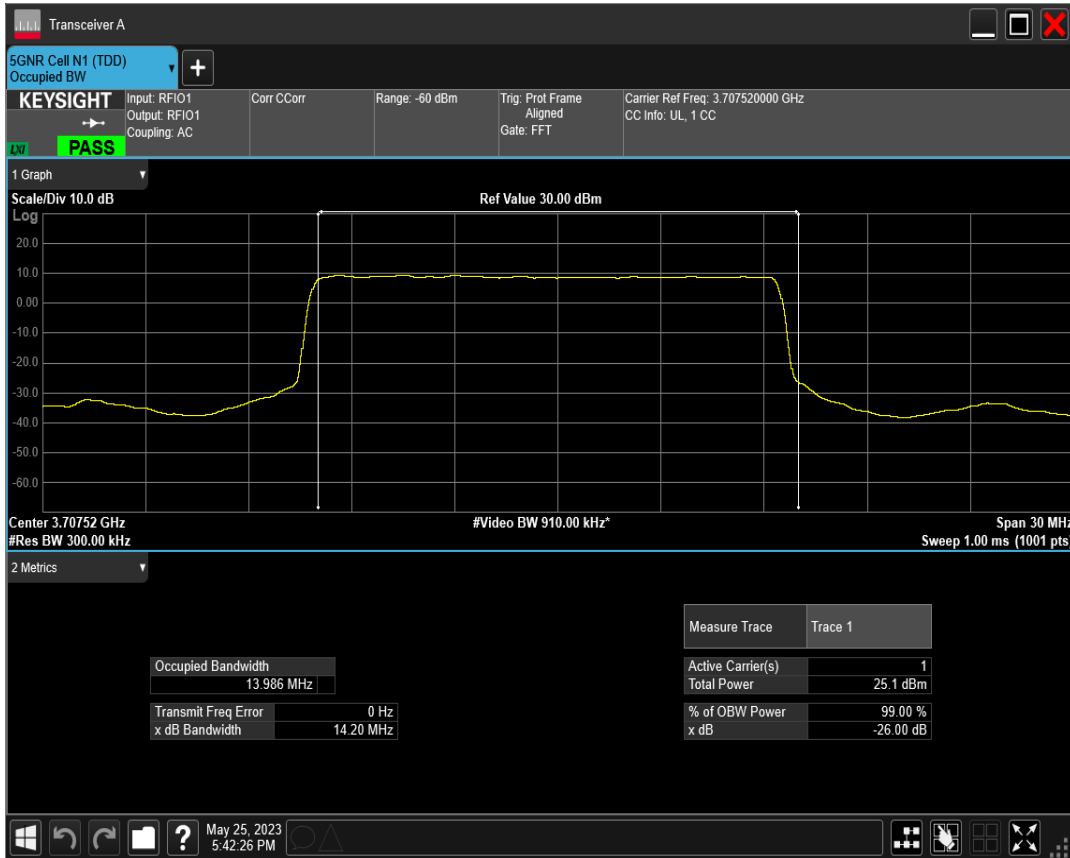
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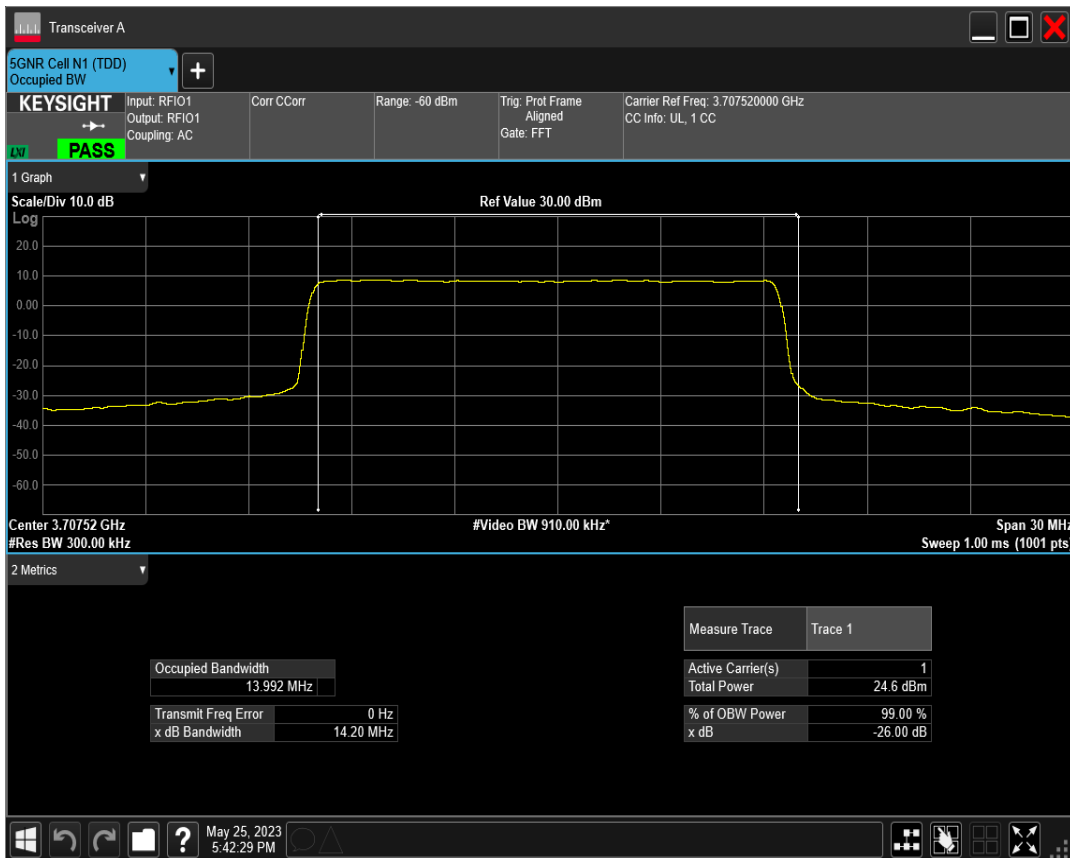
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=647168 RB=75@0



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

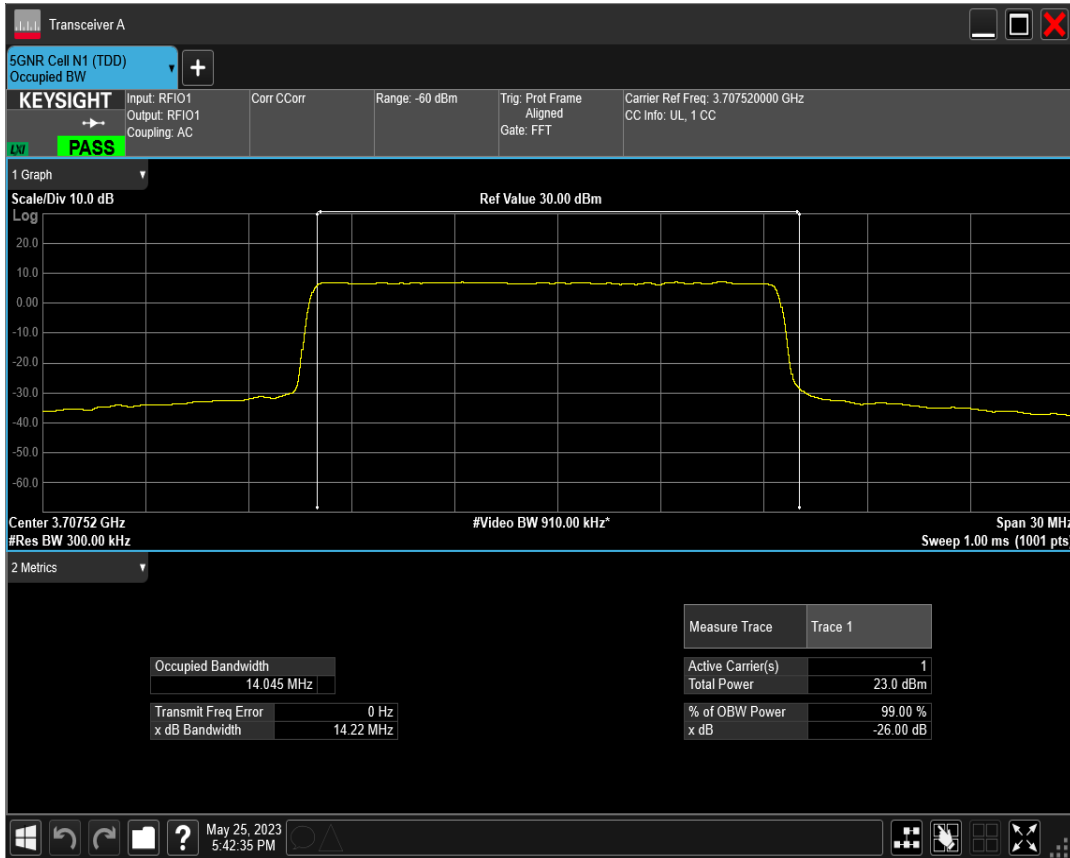




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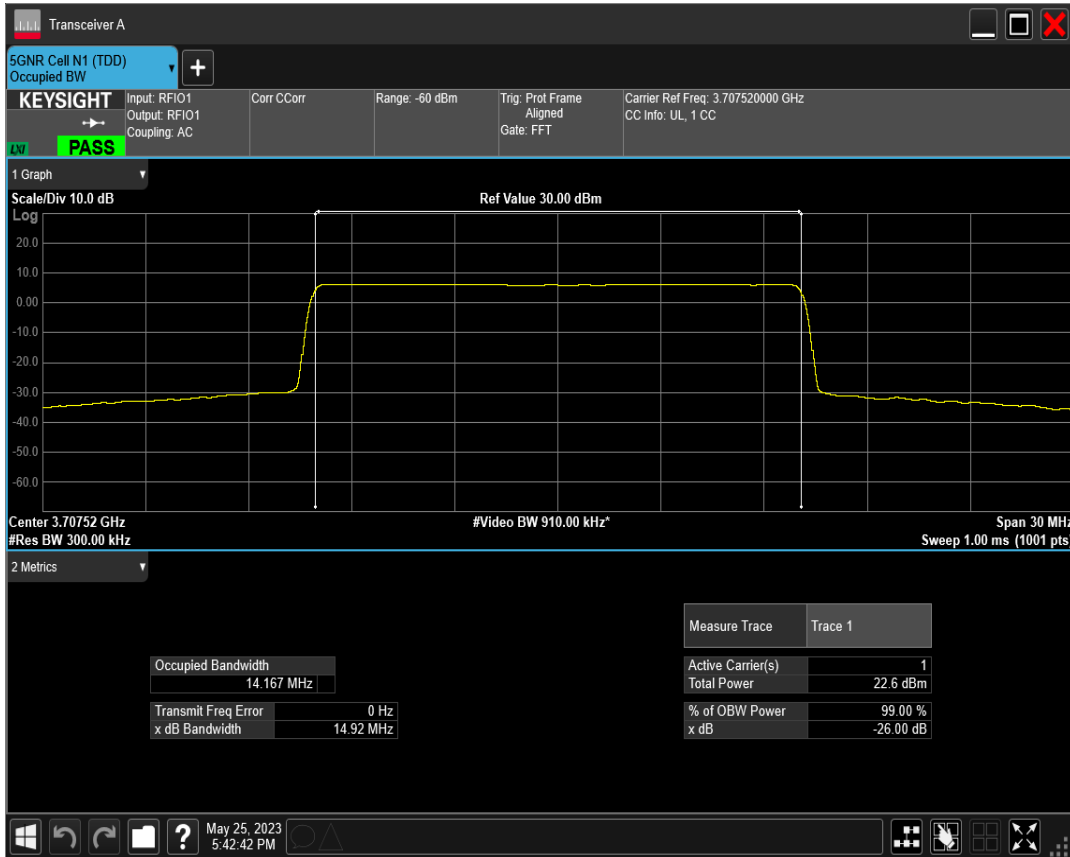
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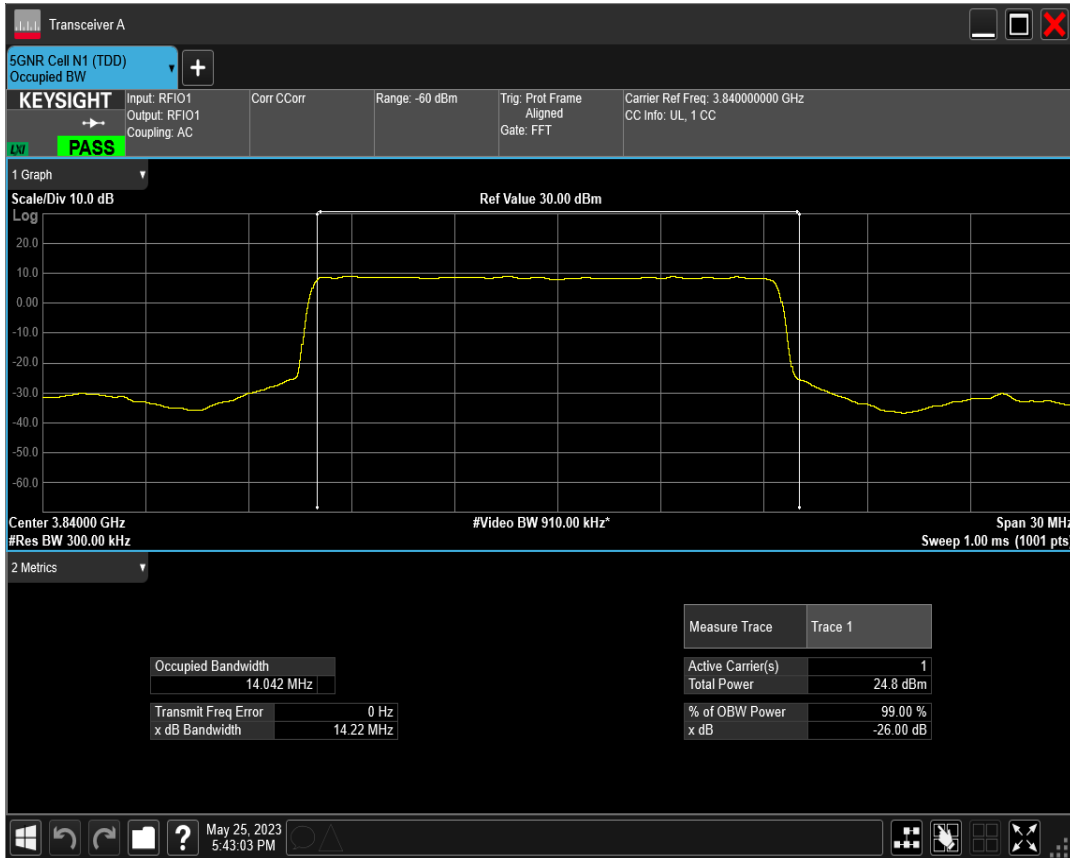
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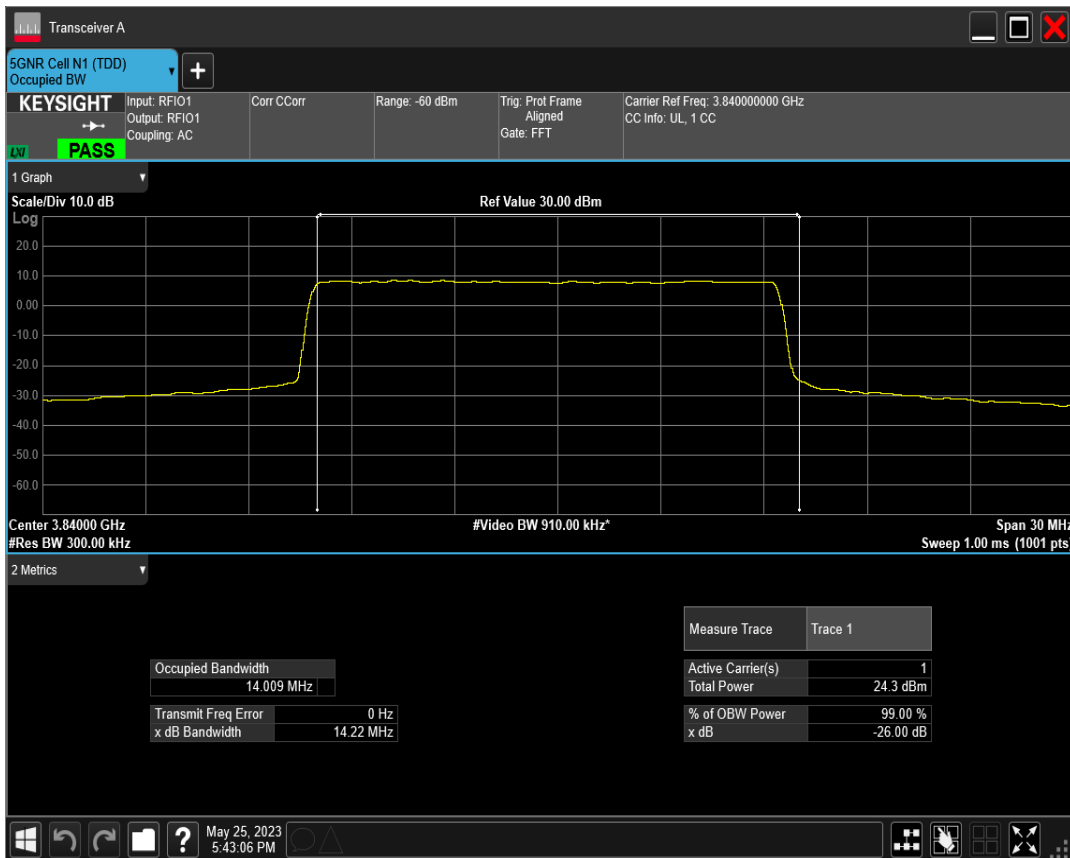
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=656000 RB=75@0



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



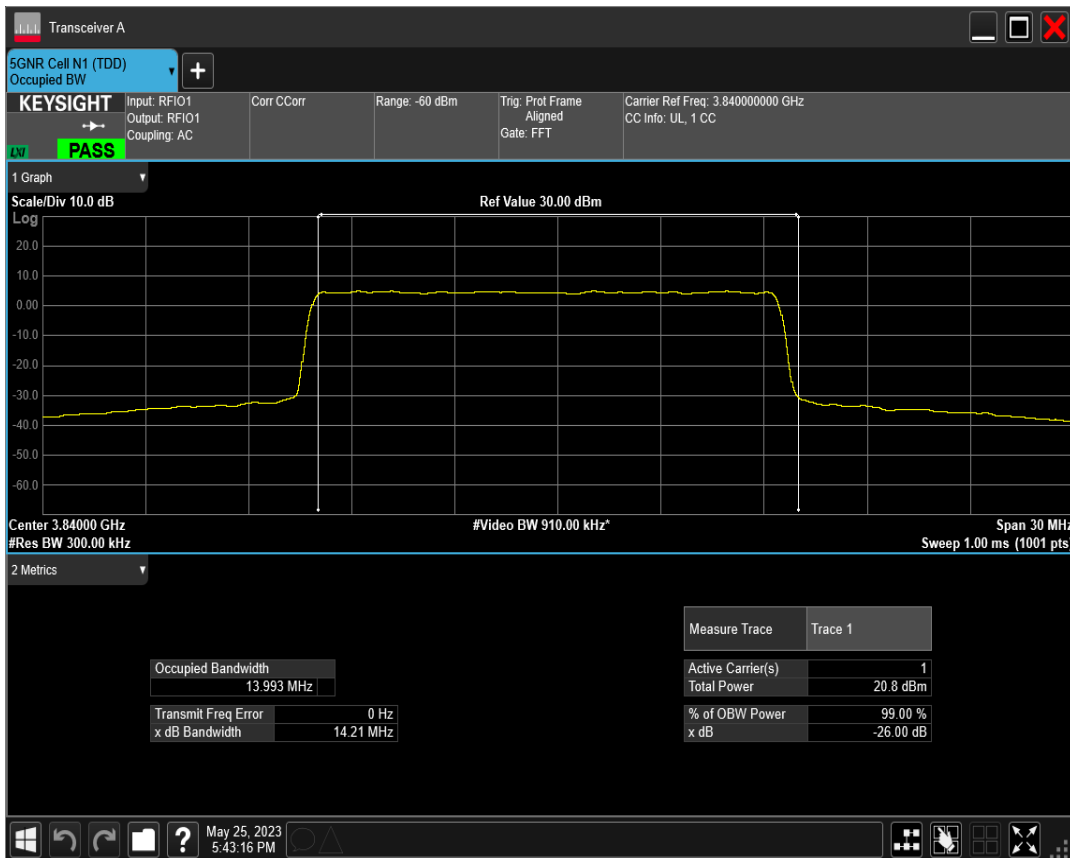
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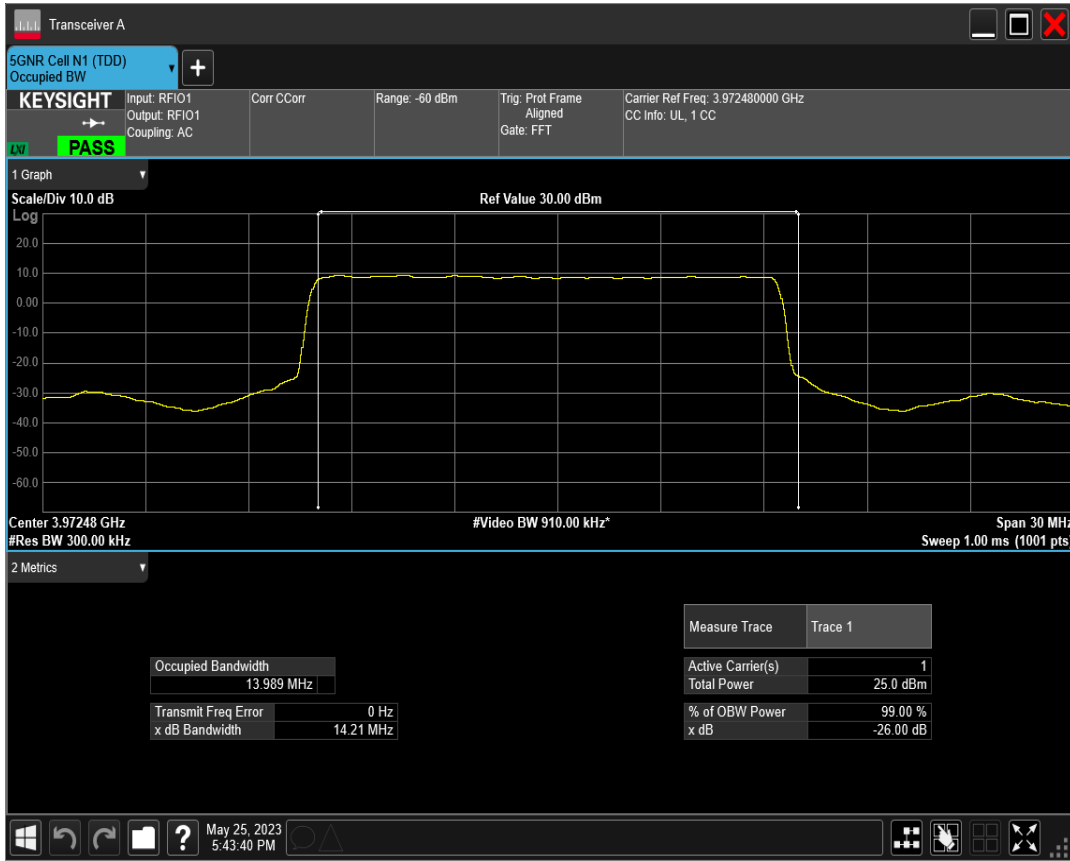
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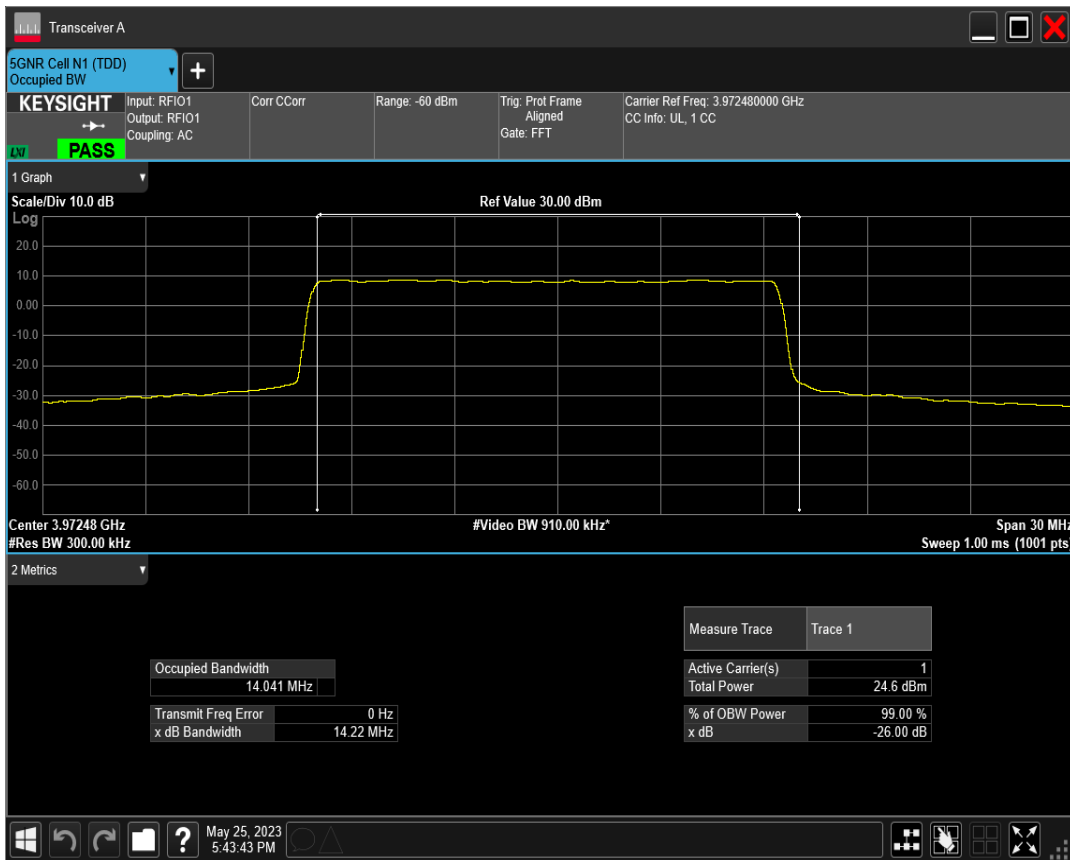
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=664832 RB=75@0



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





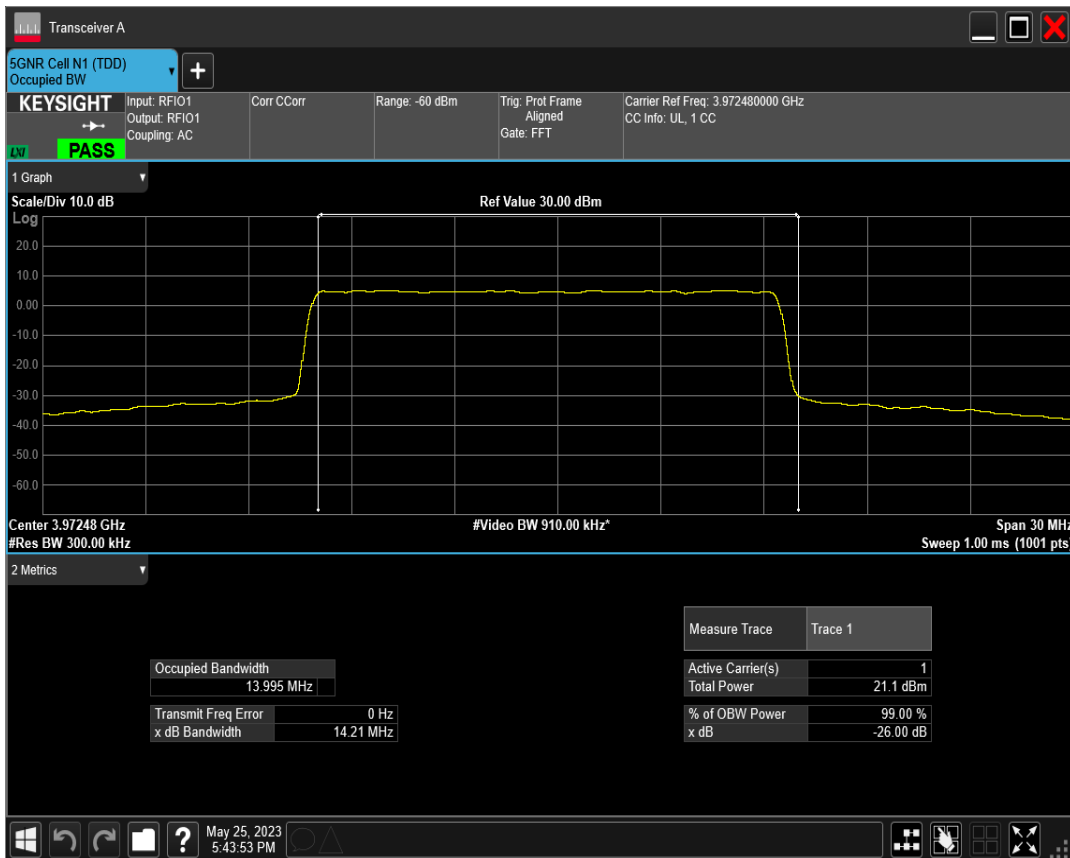
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=664832 RB=75@0



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



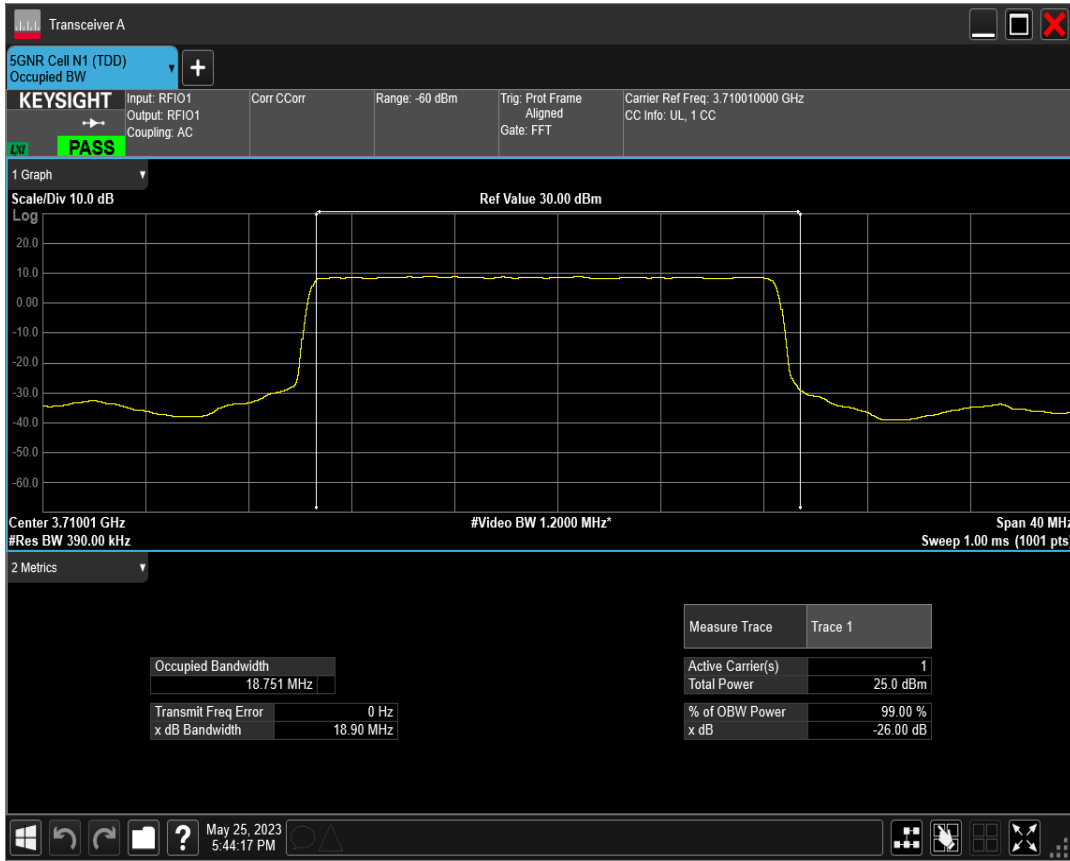
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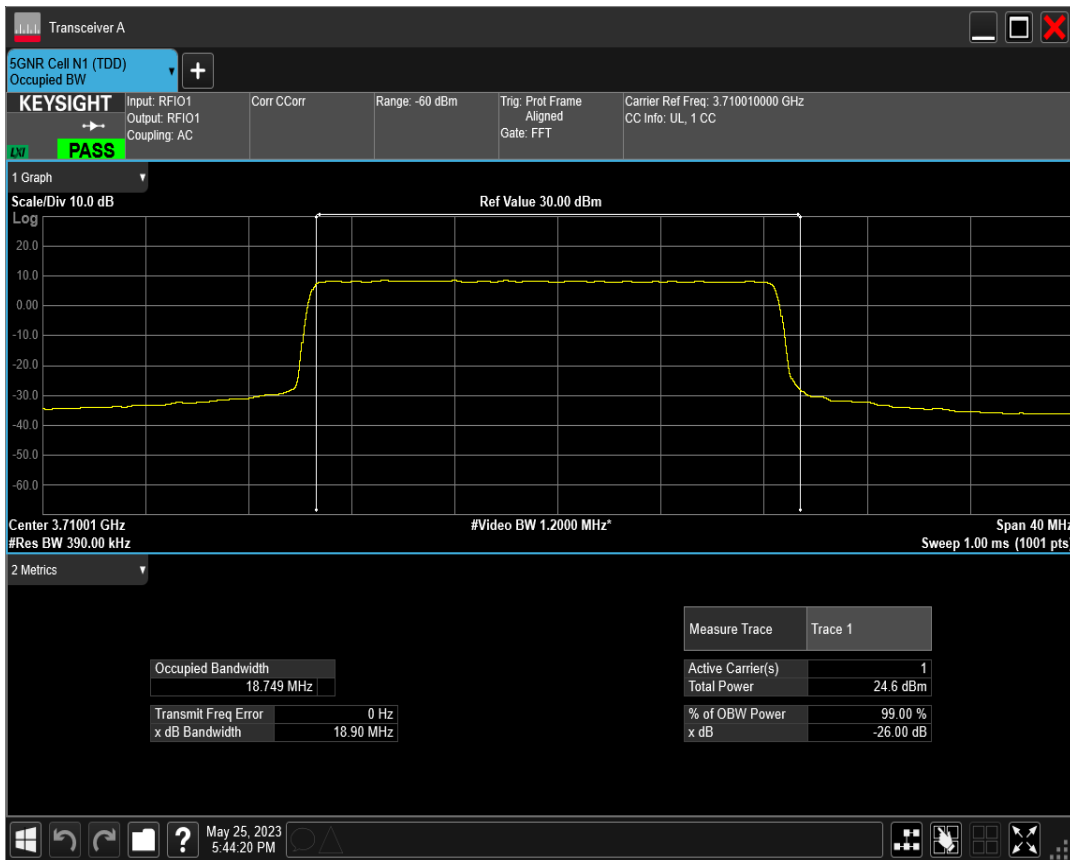
n77(3700-3980) SCS=15kHz CP\_QPSK BW=15MHz Channel=664832 RB=79@0



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



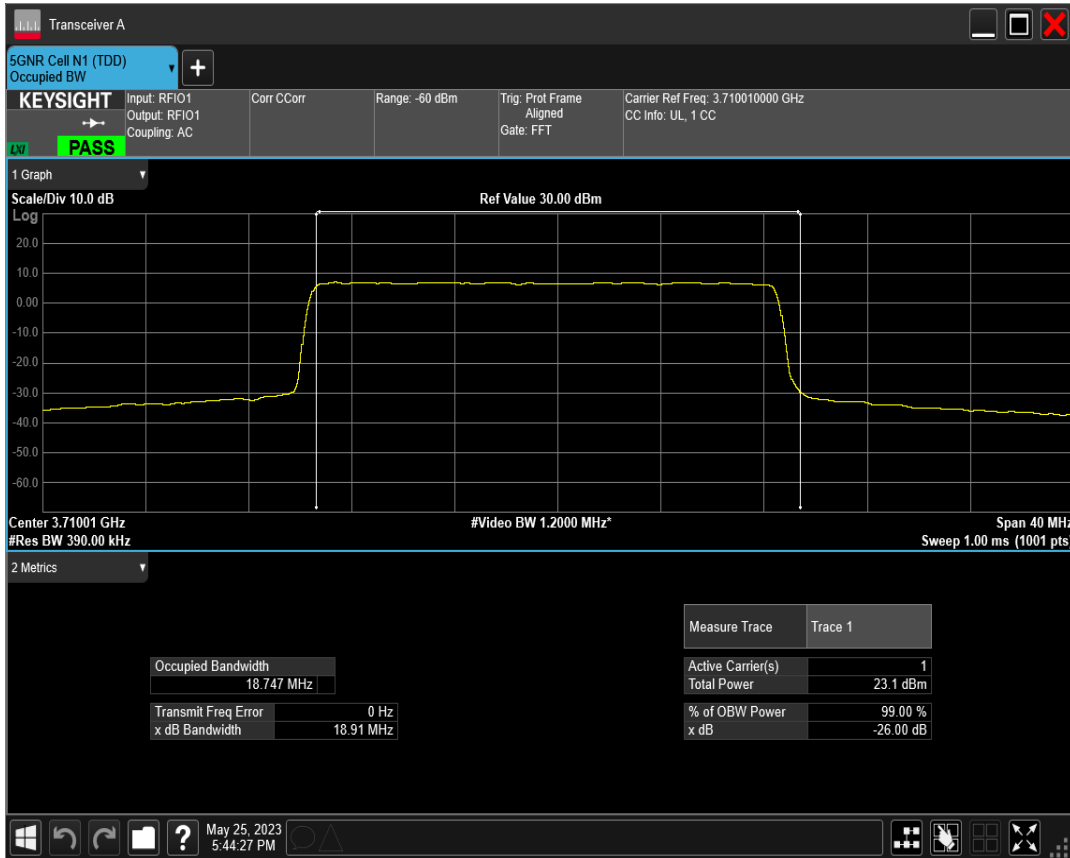
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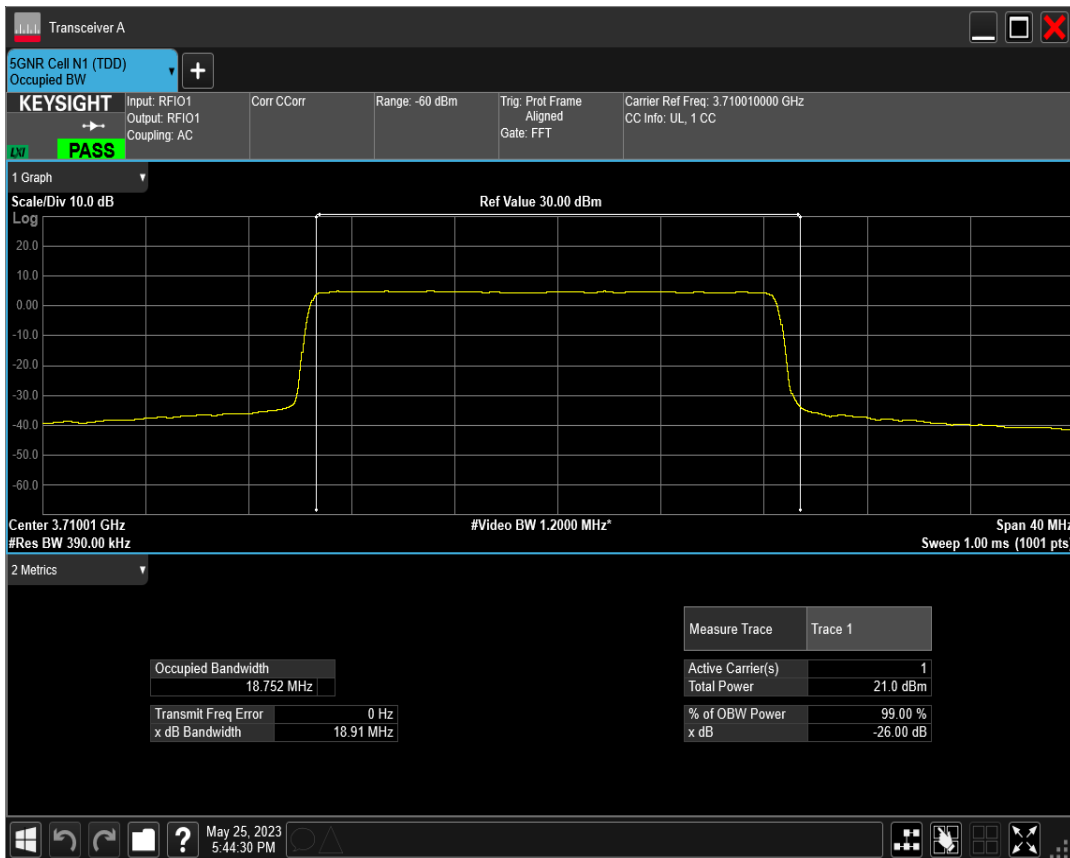
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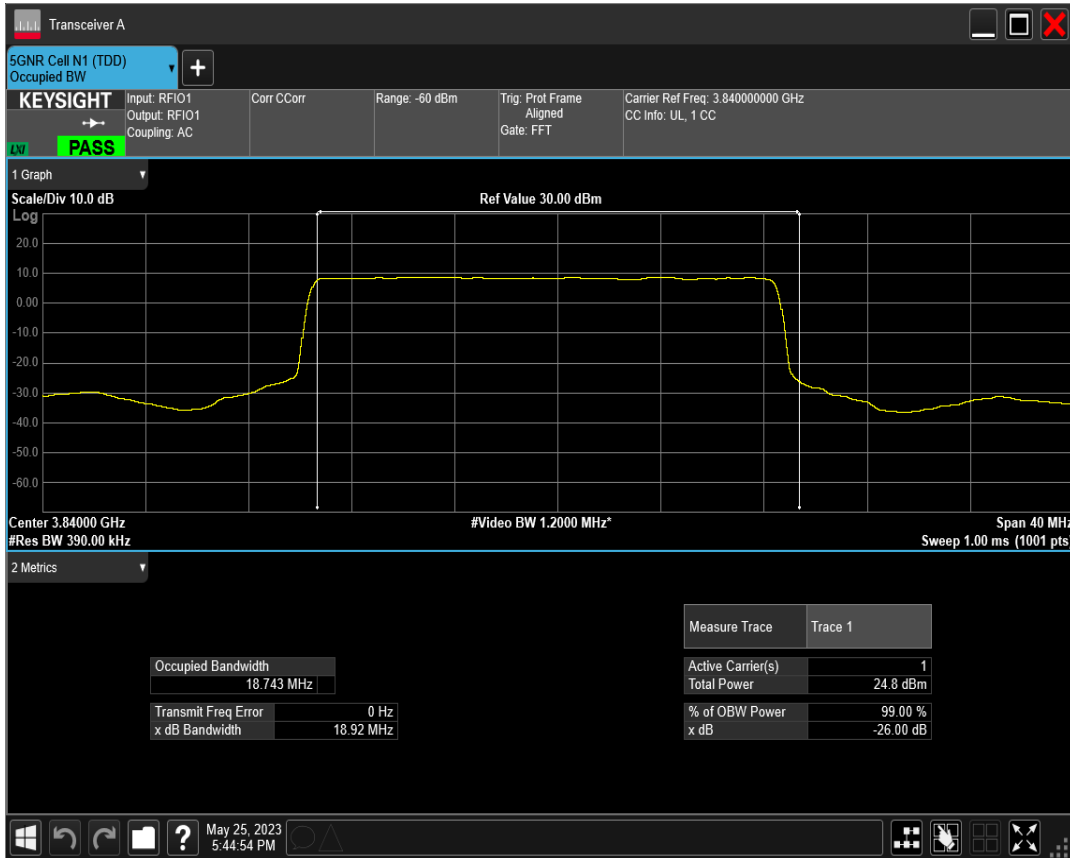
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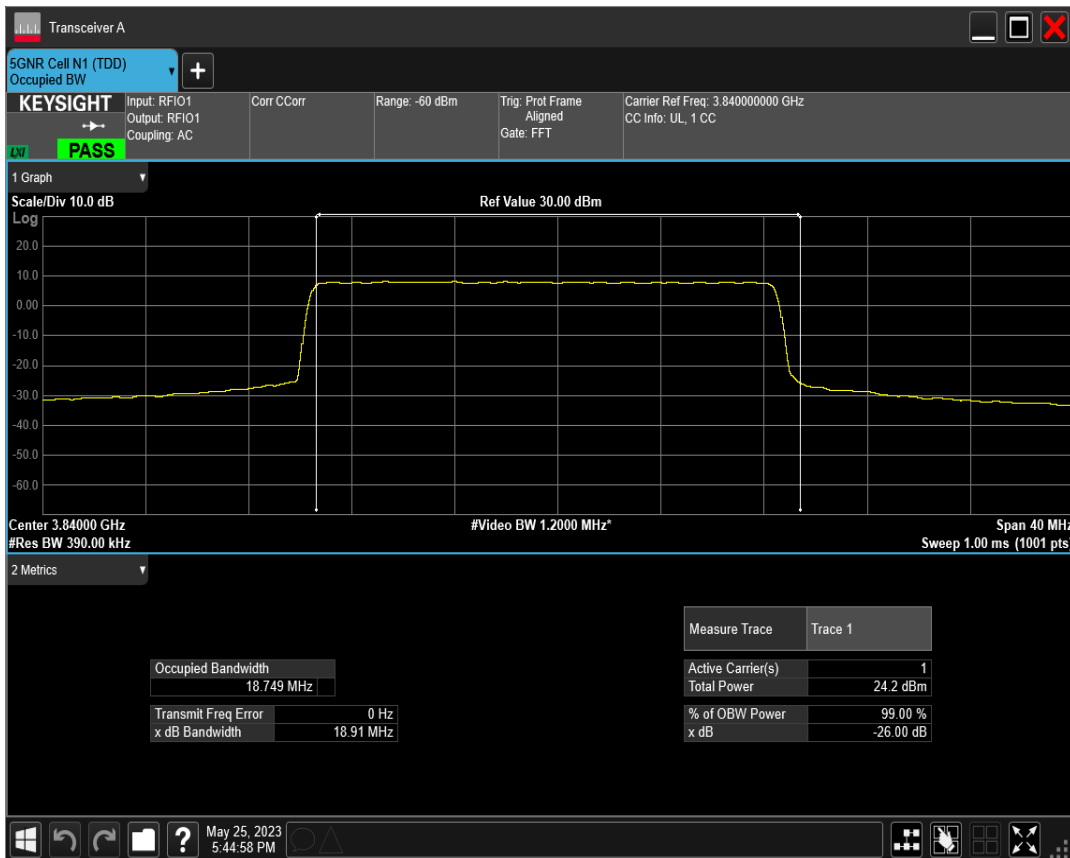
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=656000 RB=100@0



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





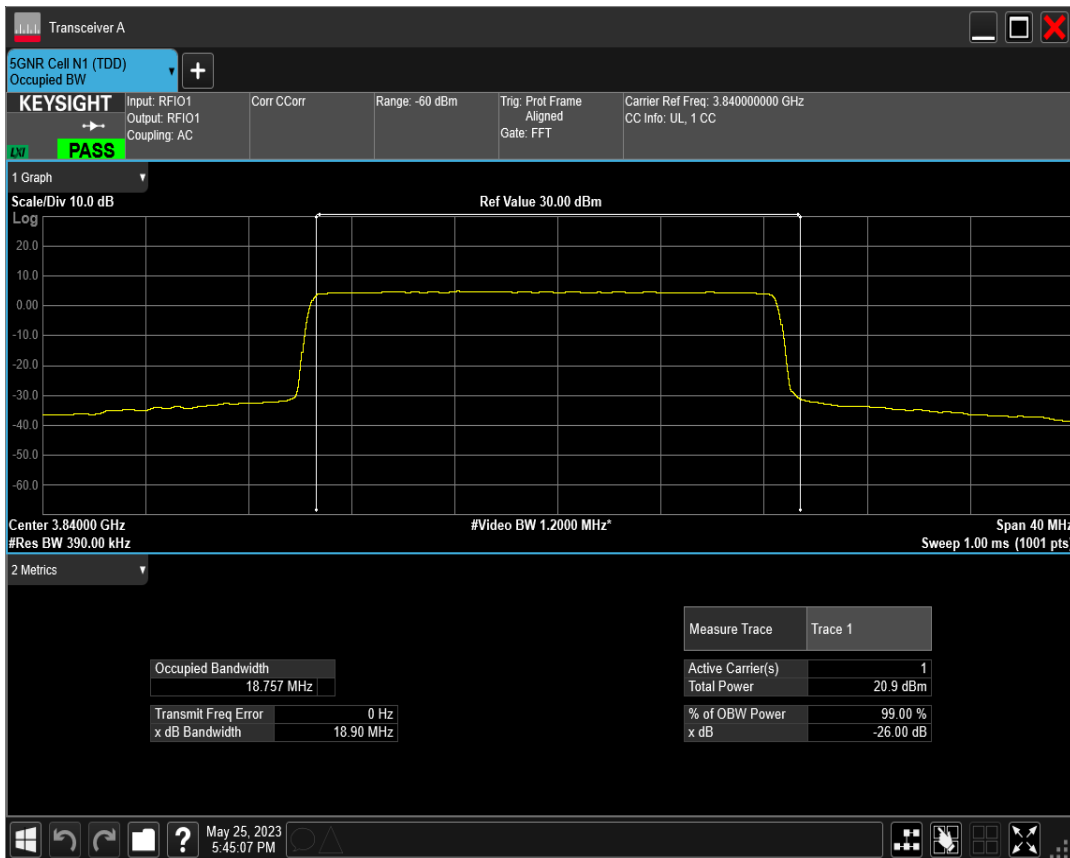
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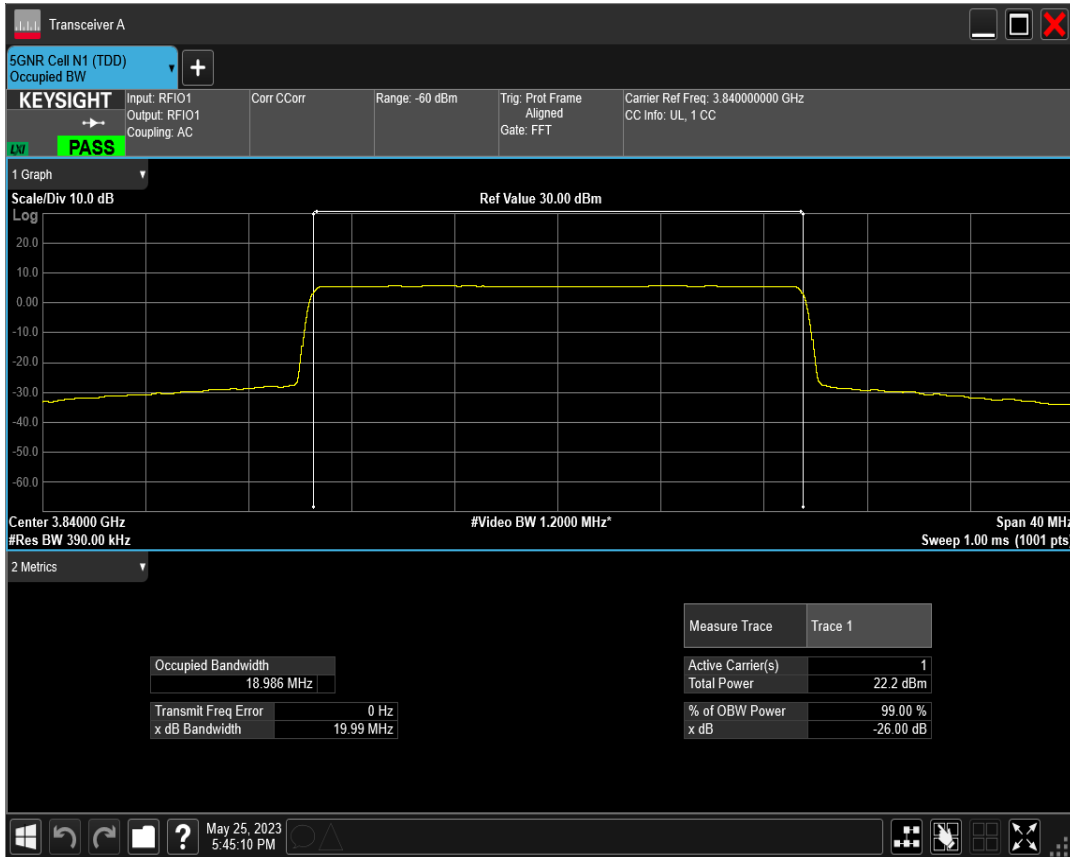
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n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=656000 RB=100@0



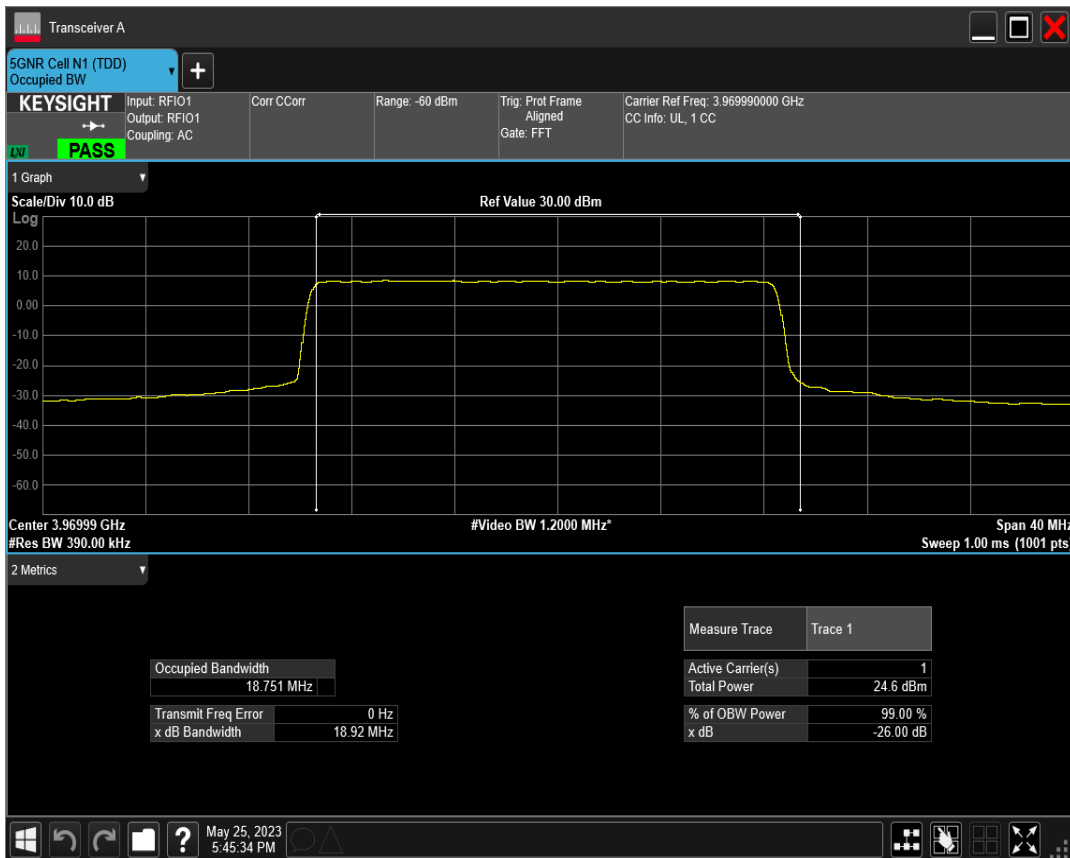
n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=656000 RB=106@0



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



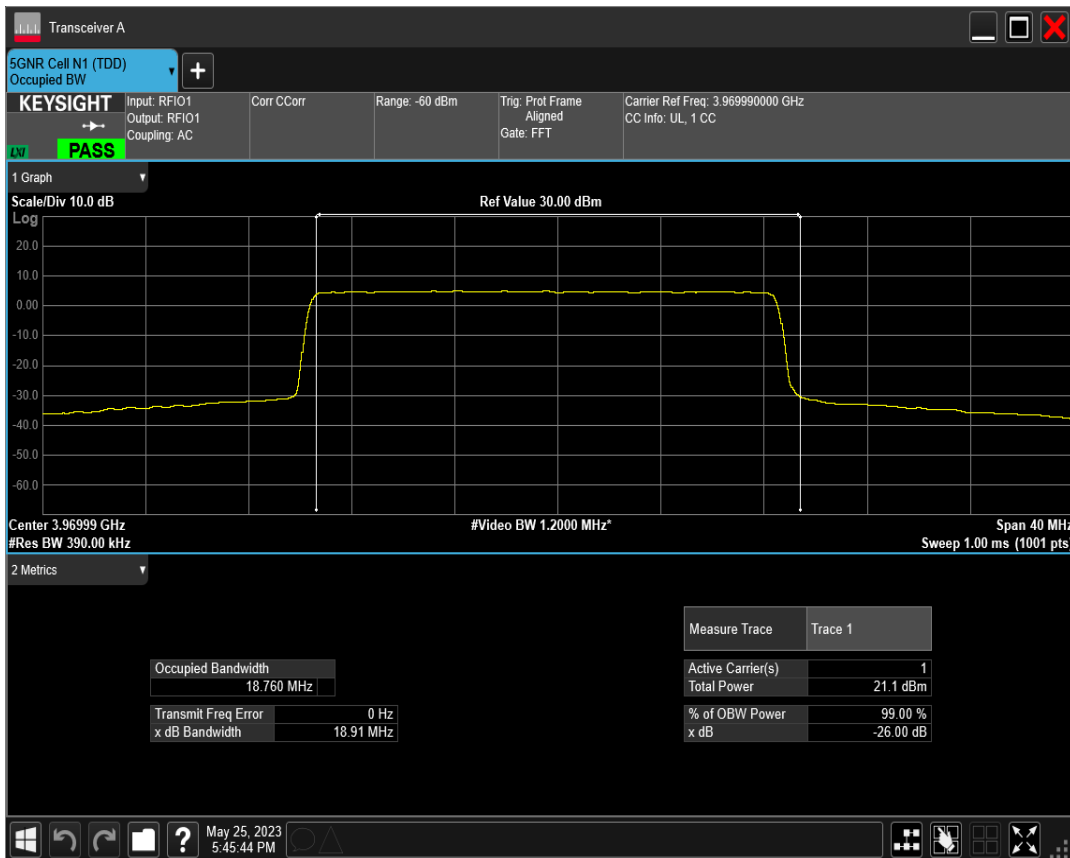
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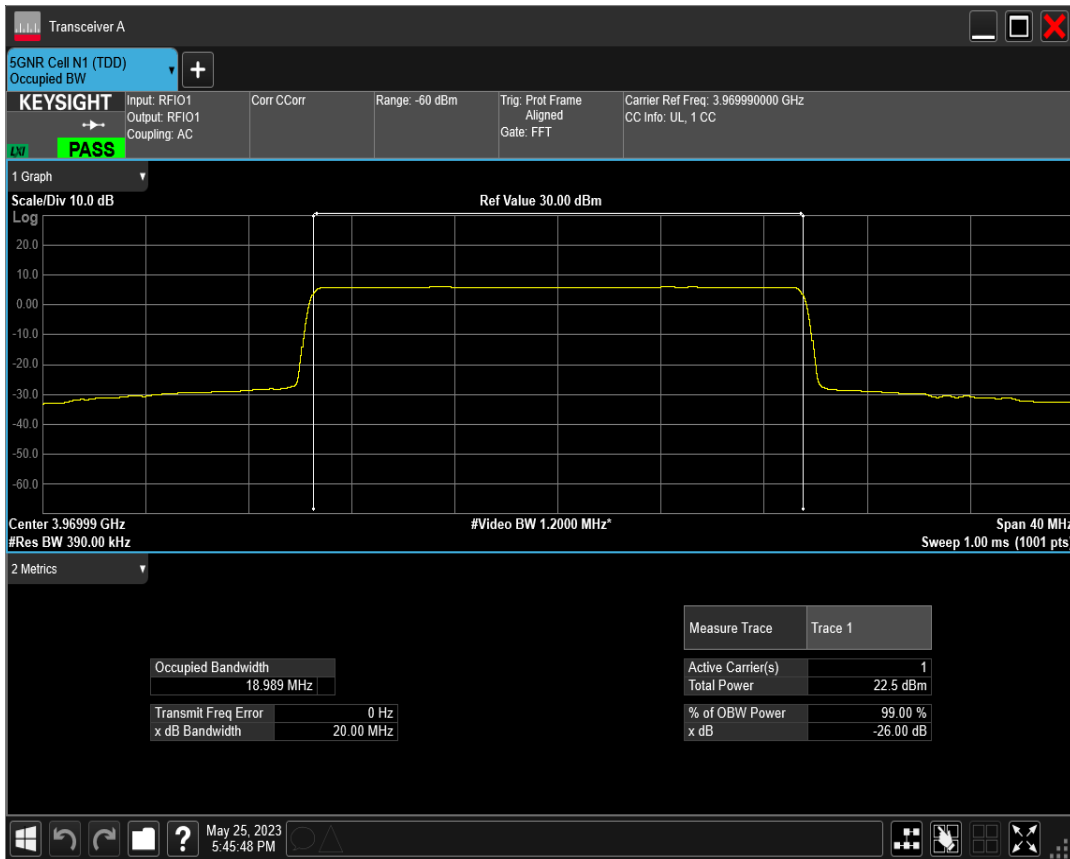
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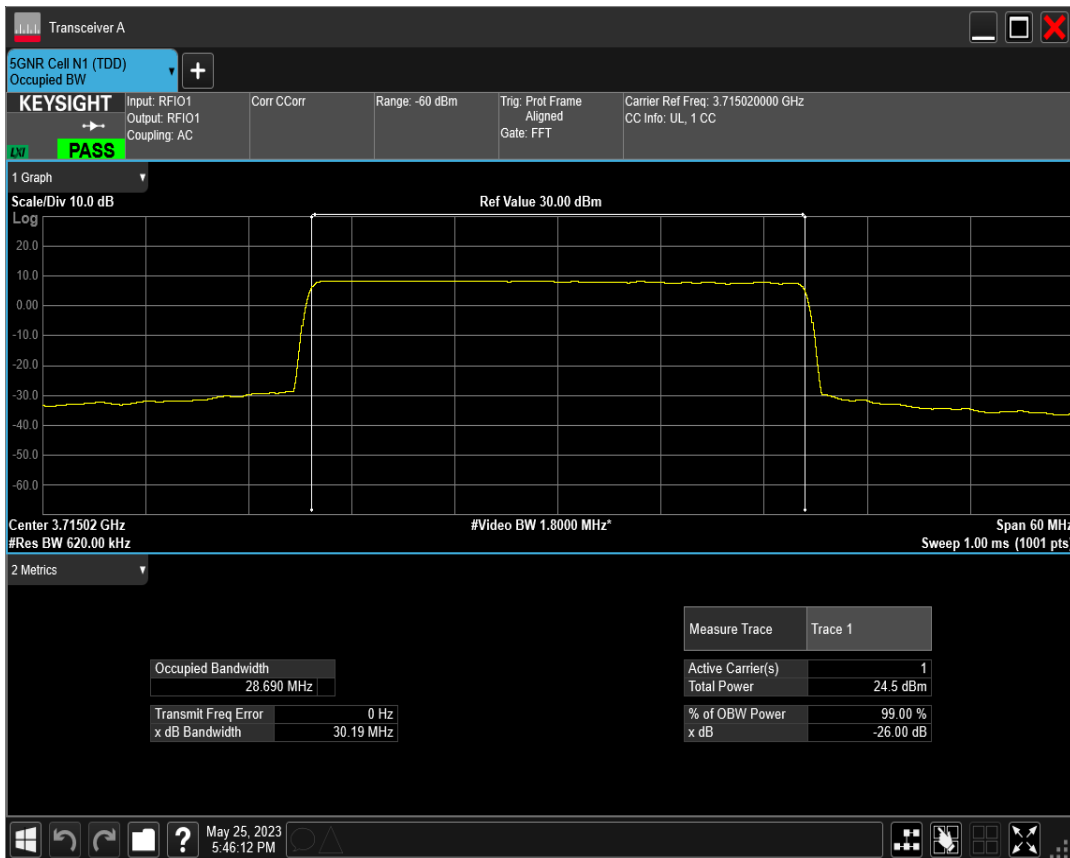
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=647668 RB=160@0



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





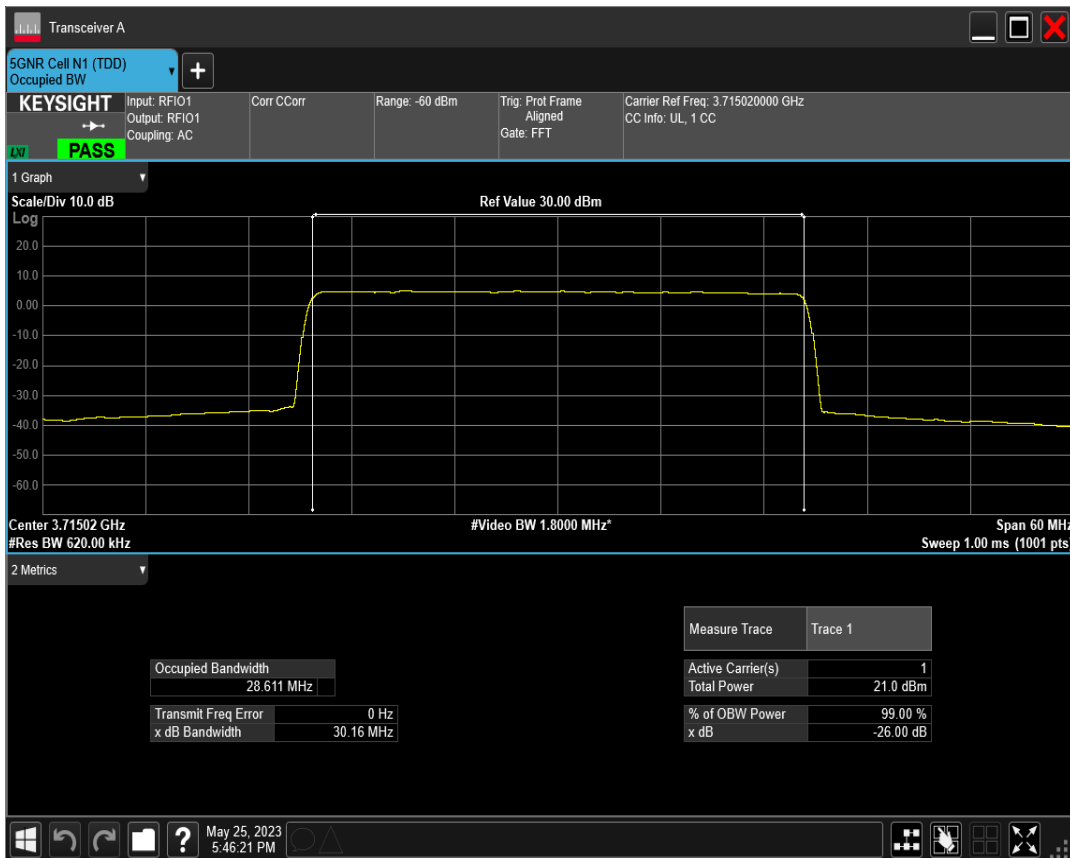
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=647668 RB=160@0



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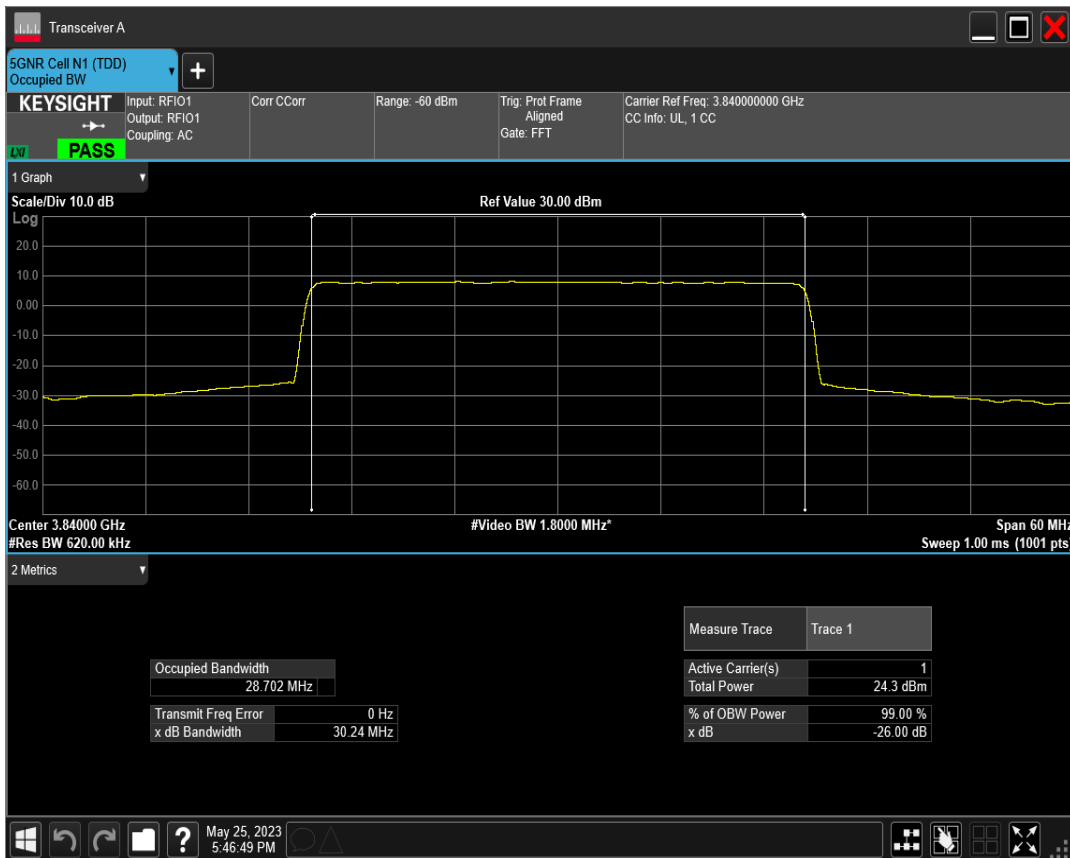
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=656000 RB=160@0



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



n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=656000 RB=160@0



n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=656000 RB=160@0



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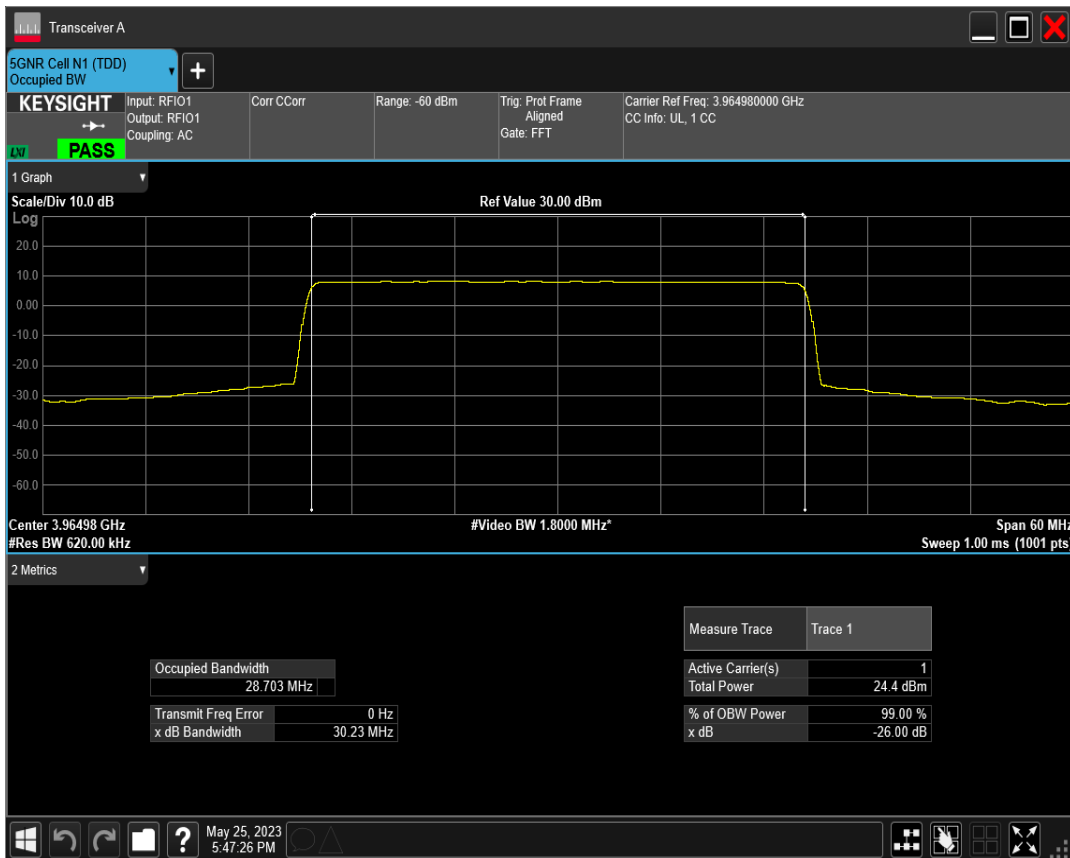
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=664332 RB=160@0

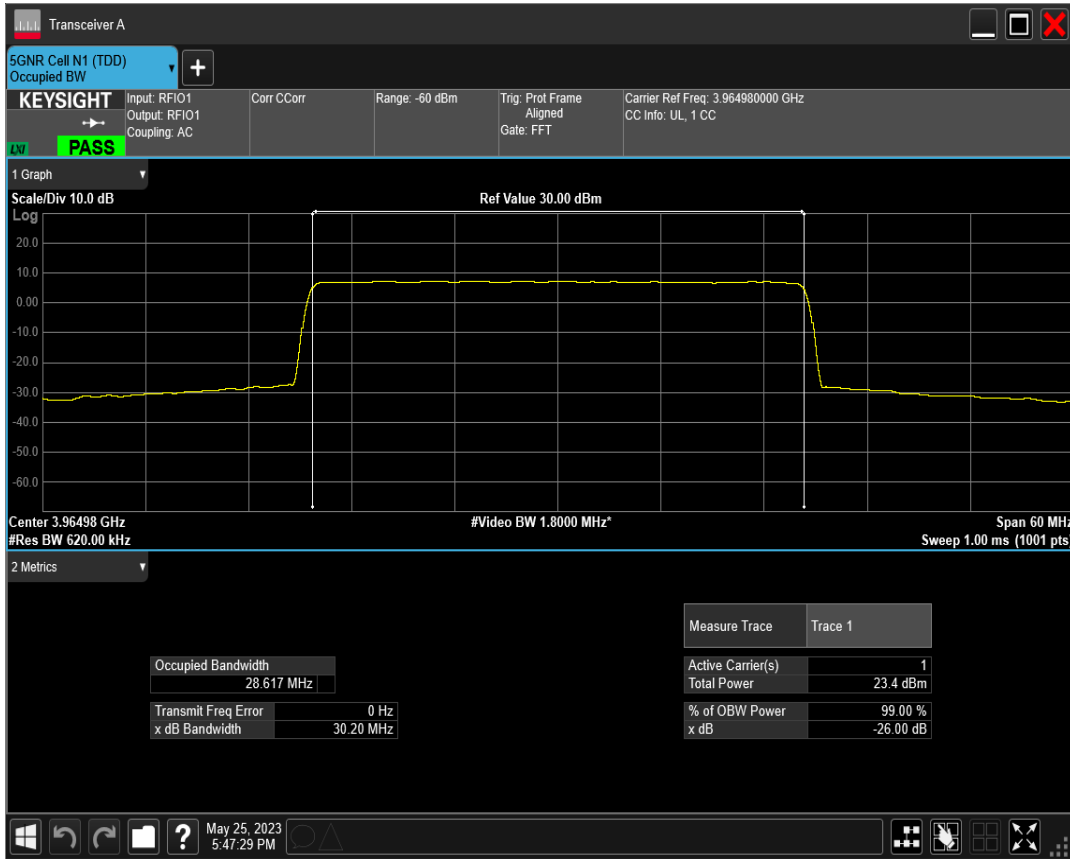


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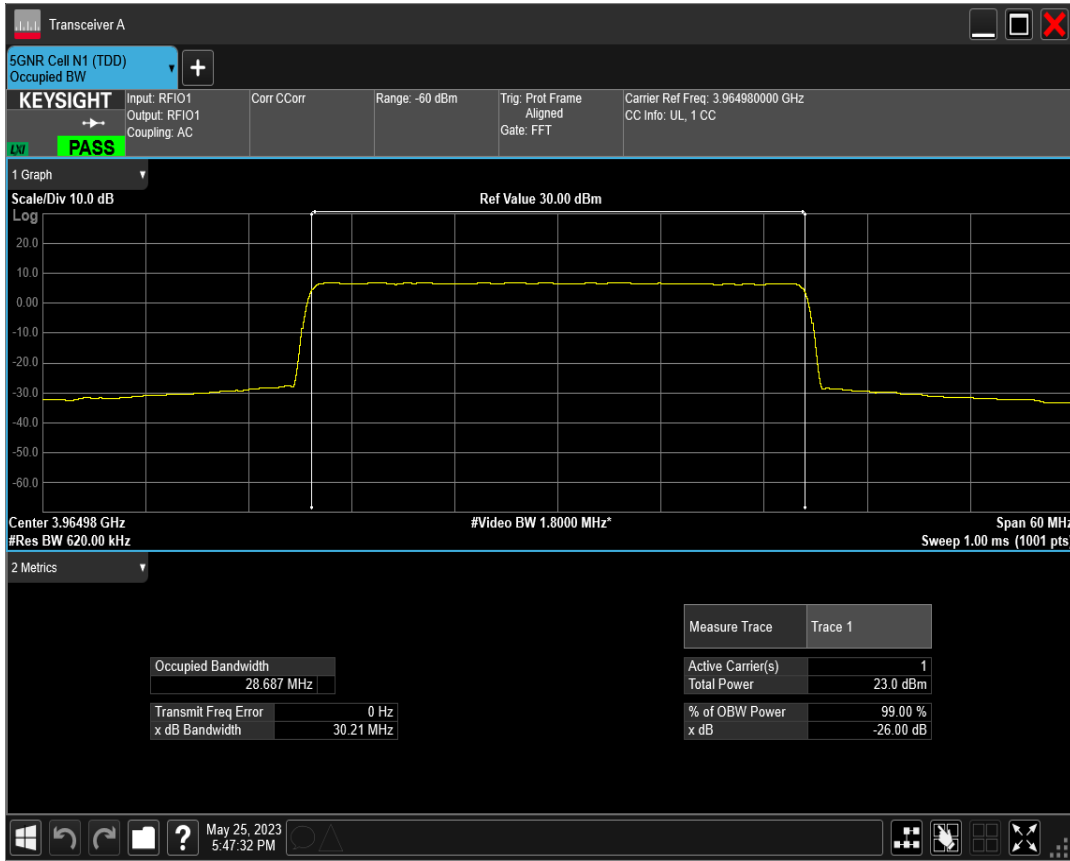




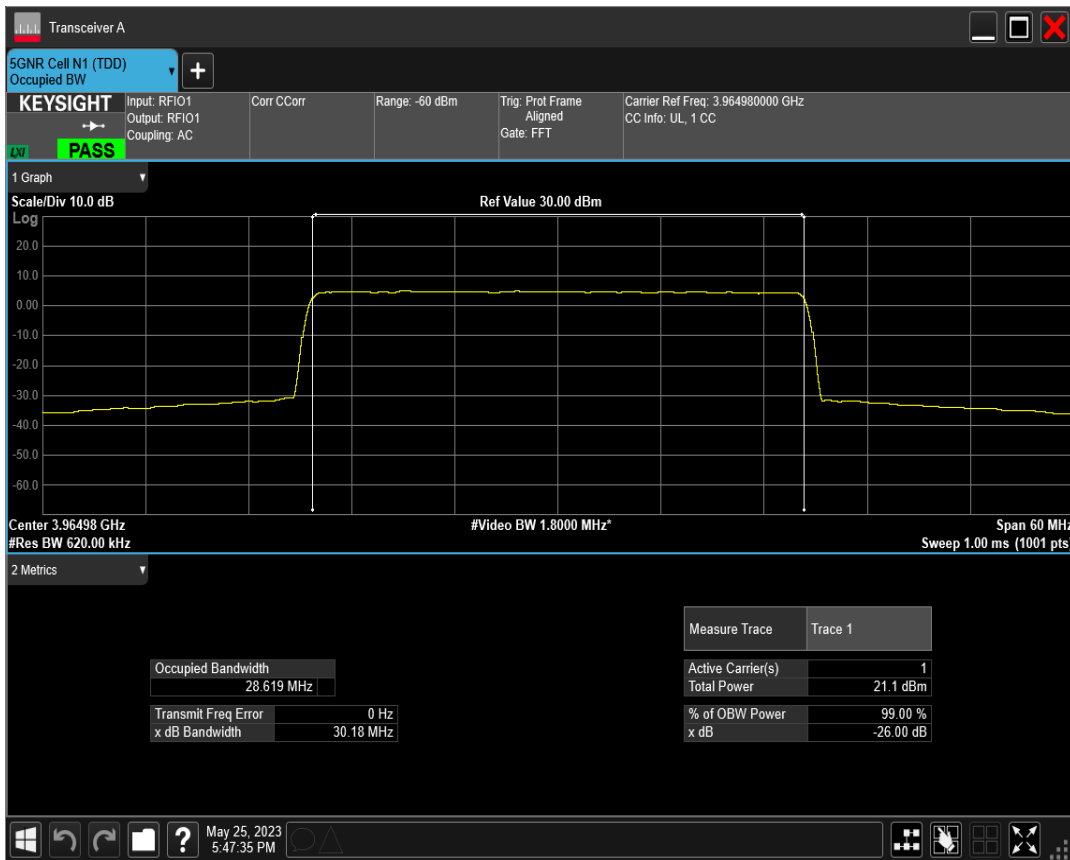
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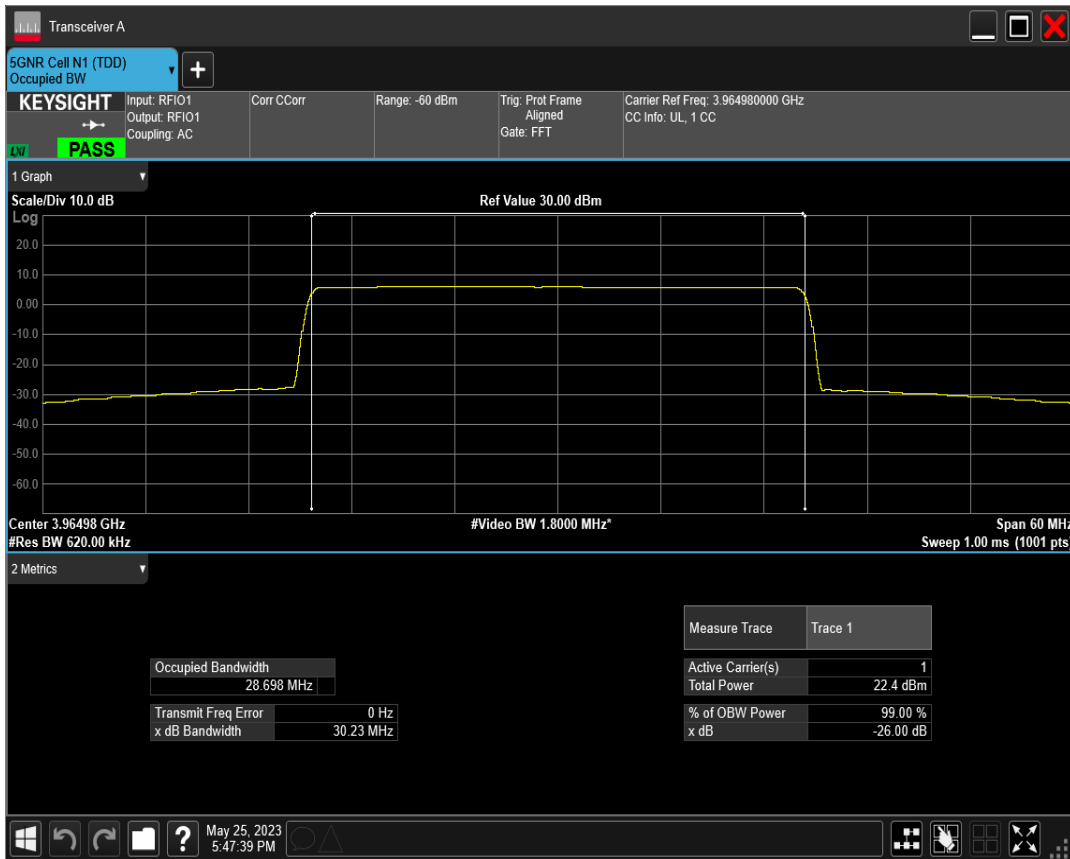
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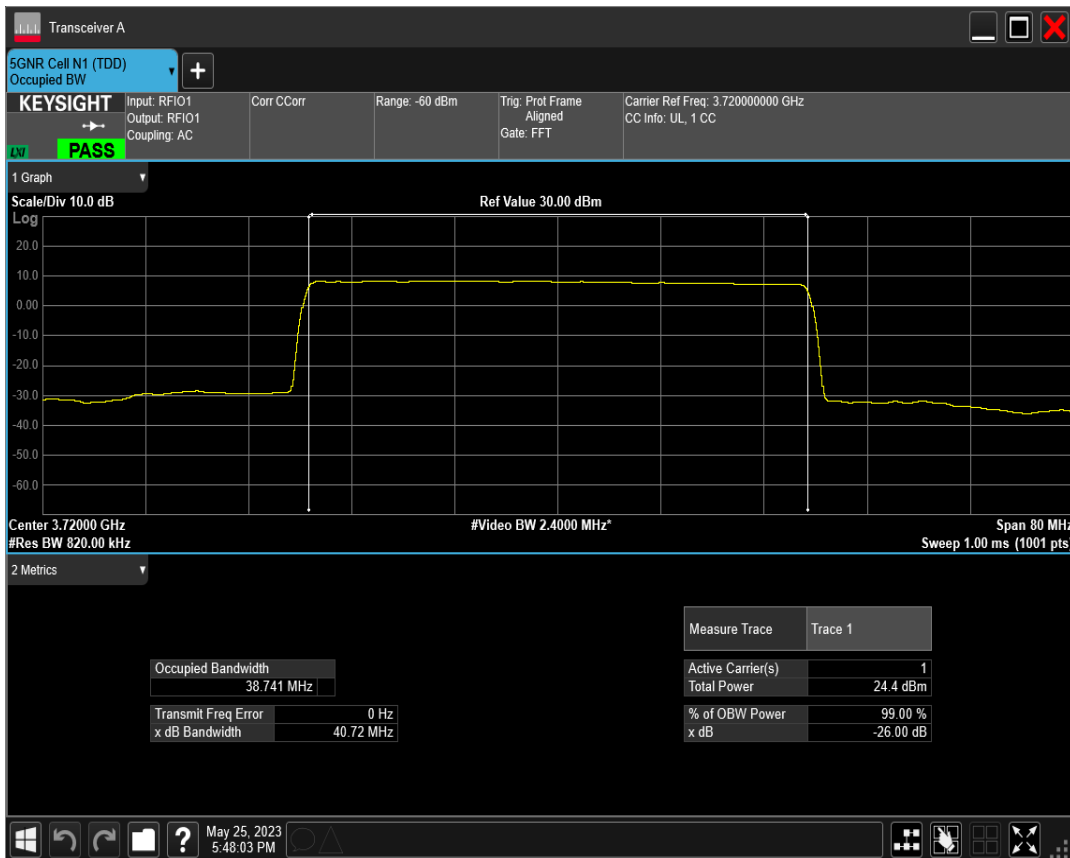
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=648000 RB=216@0



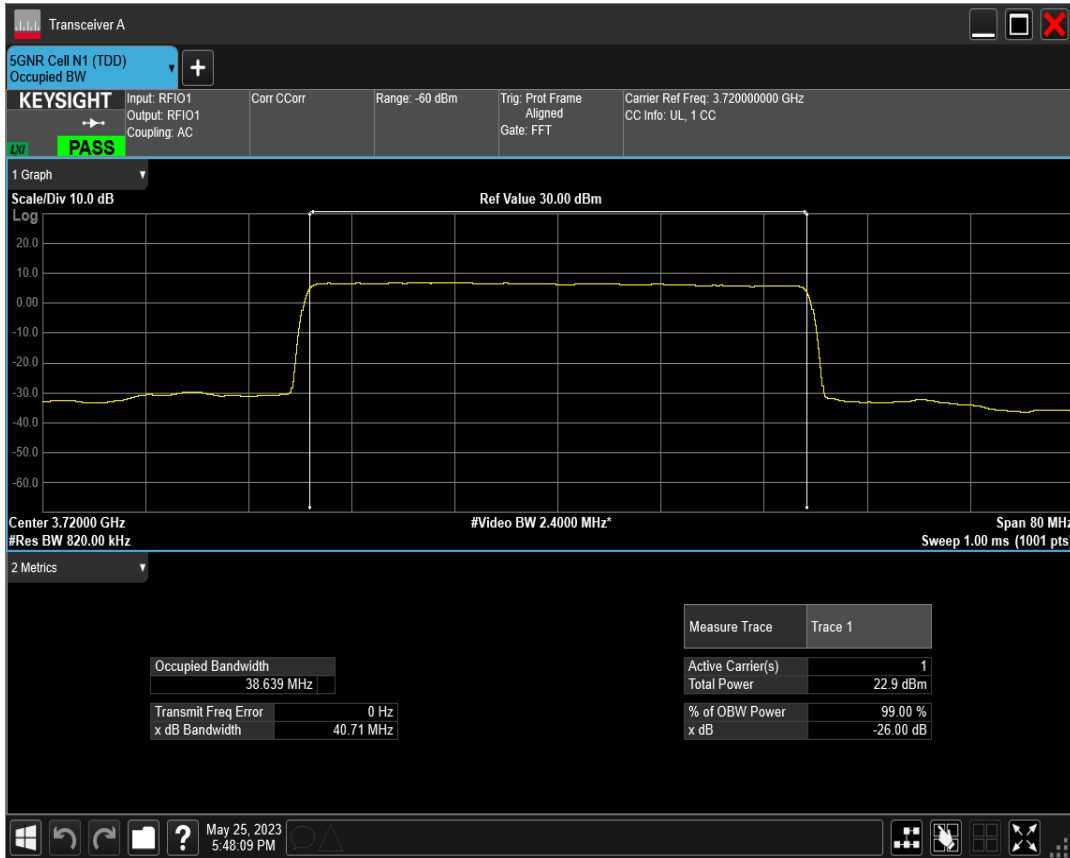
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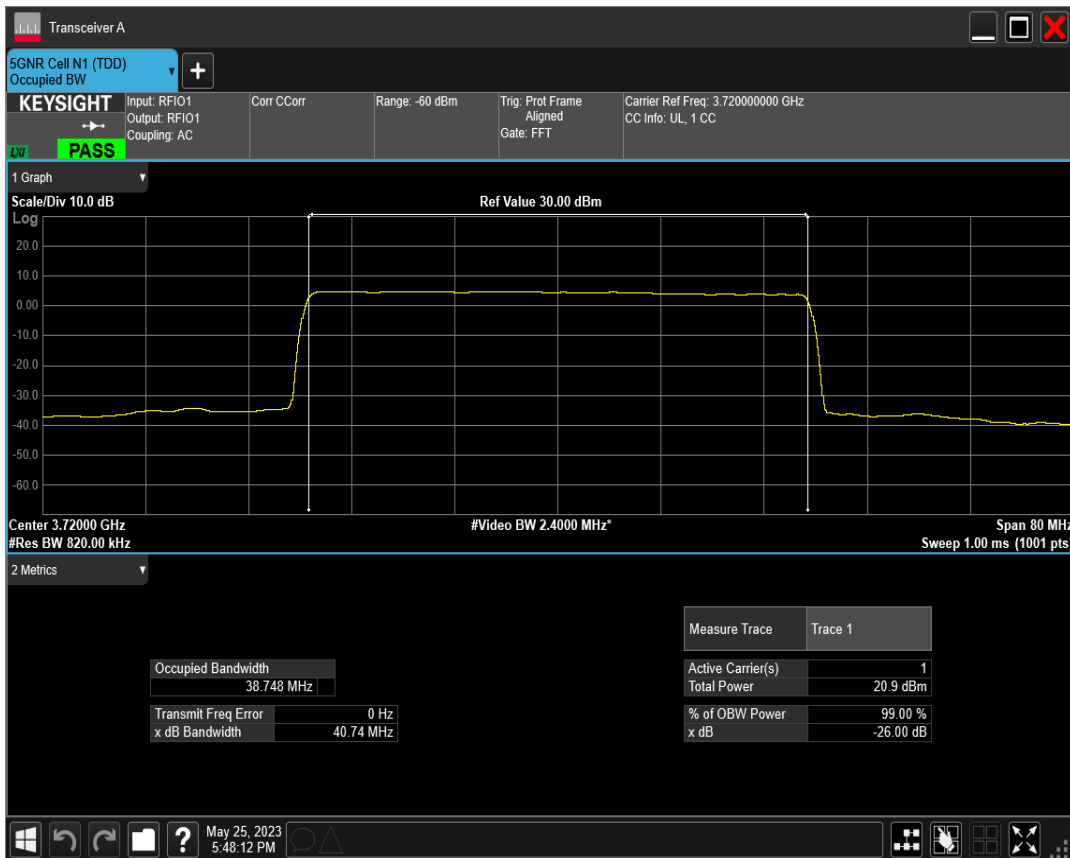
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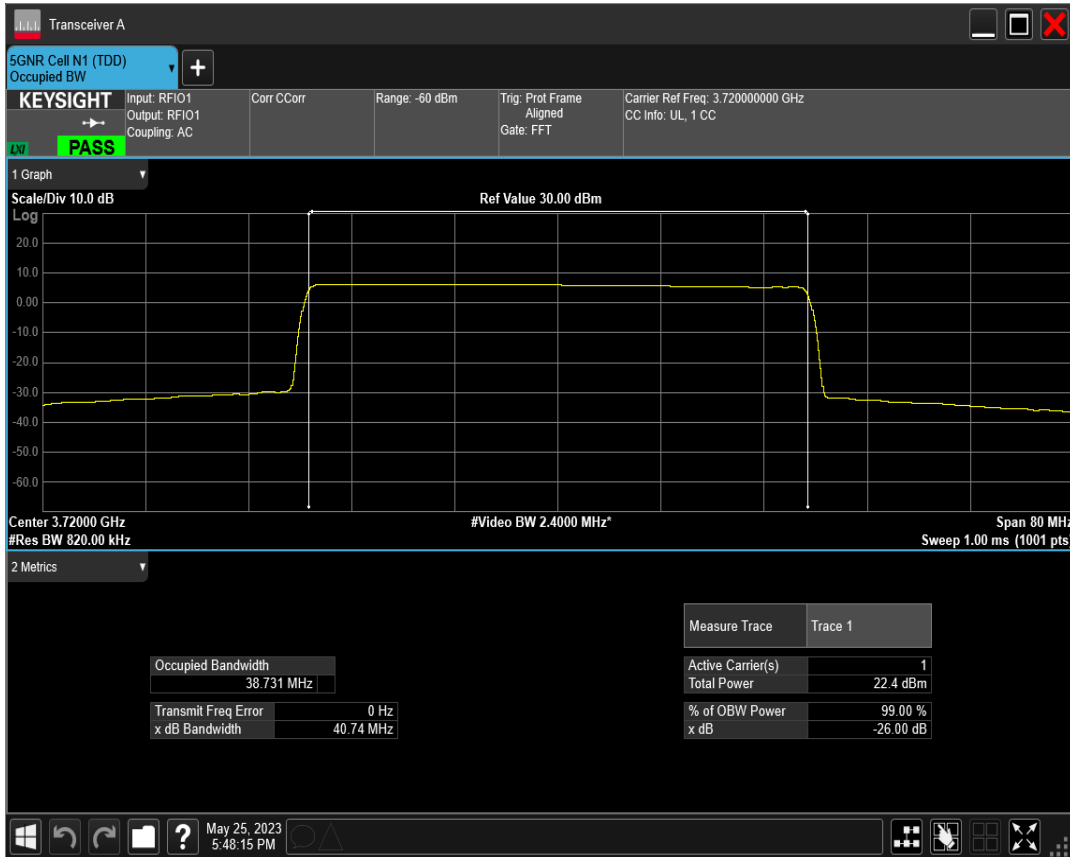
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=216@0



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



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



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



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





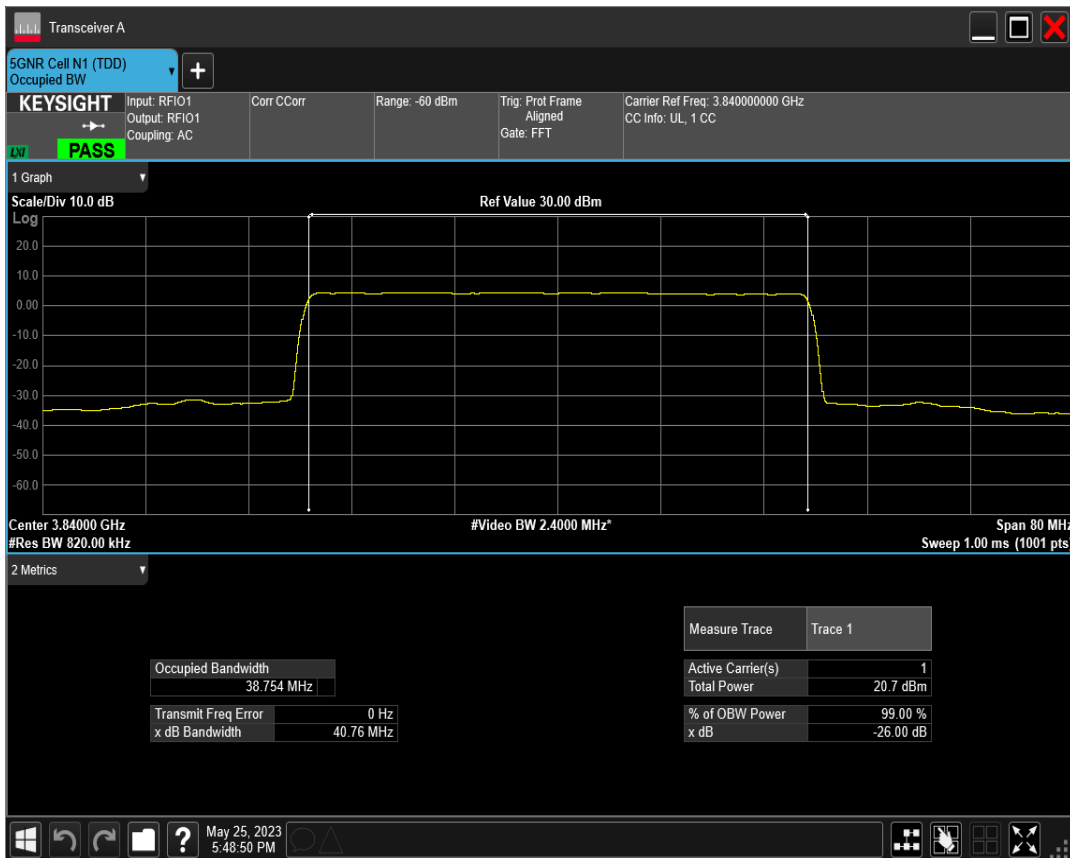
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n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=216@0



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



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



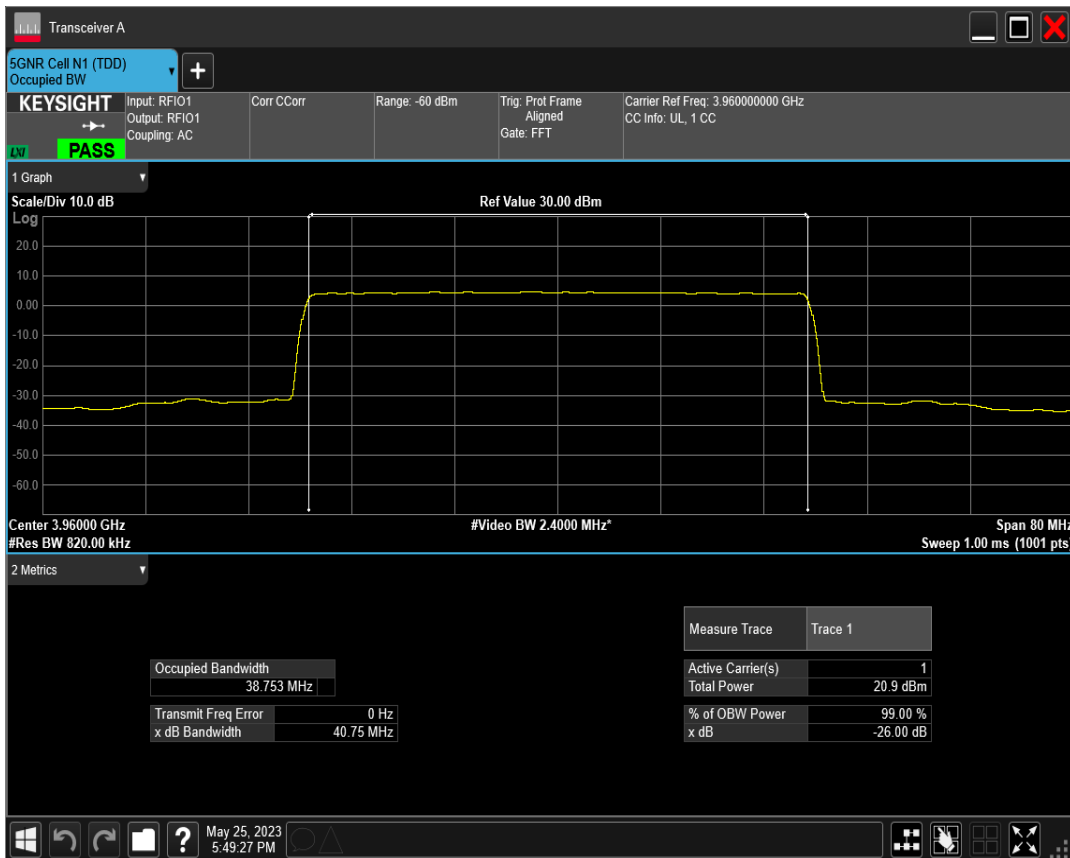
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=664000 RB=216@0



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



n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=664000 RB=216@0



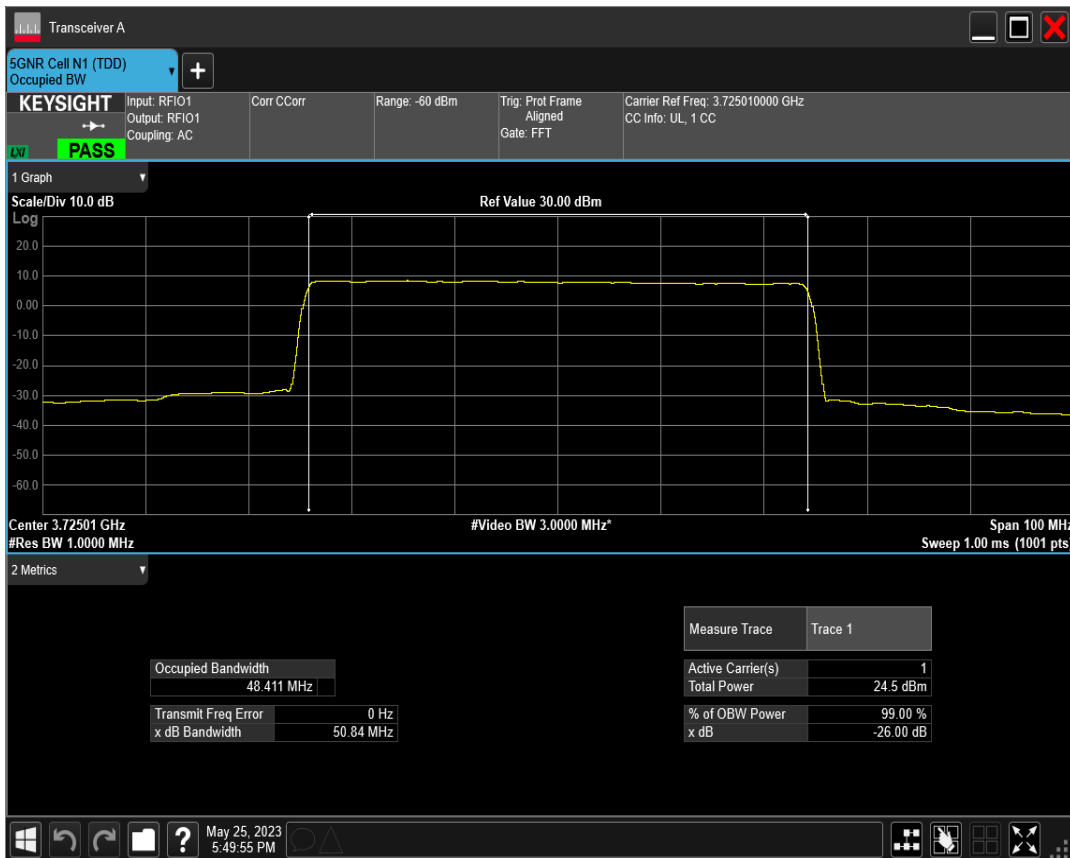
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n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=648334 RB=270@0



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

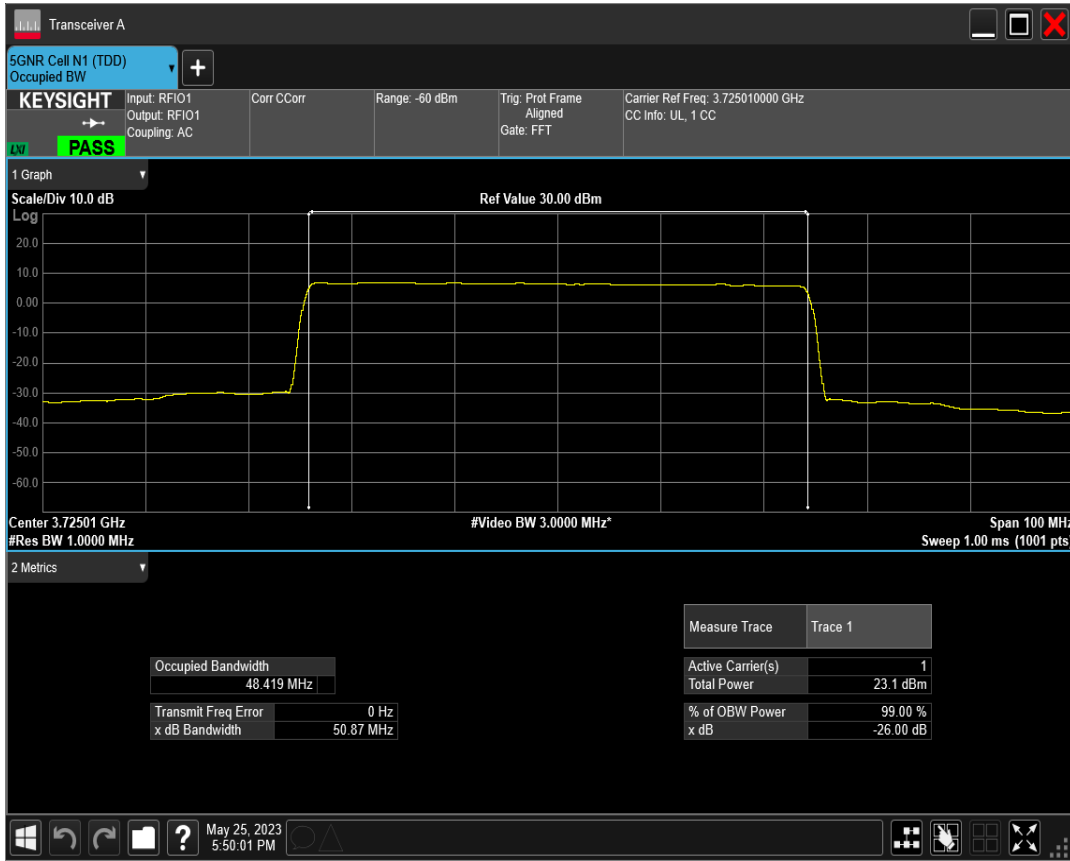




n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=648334 RB=270@0



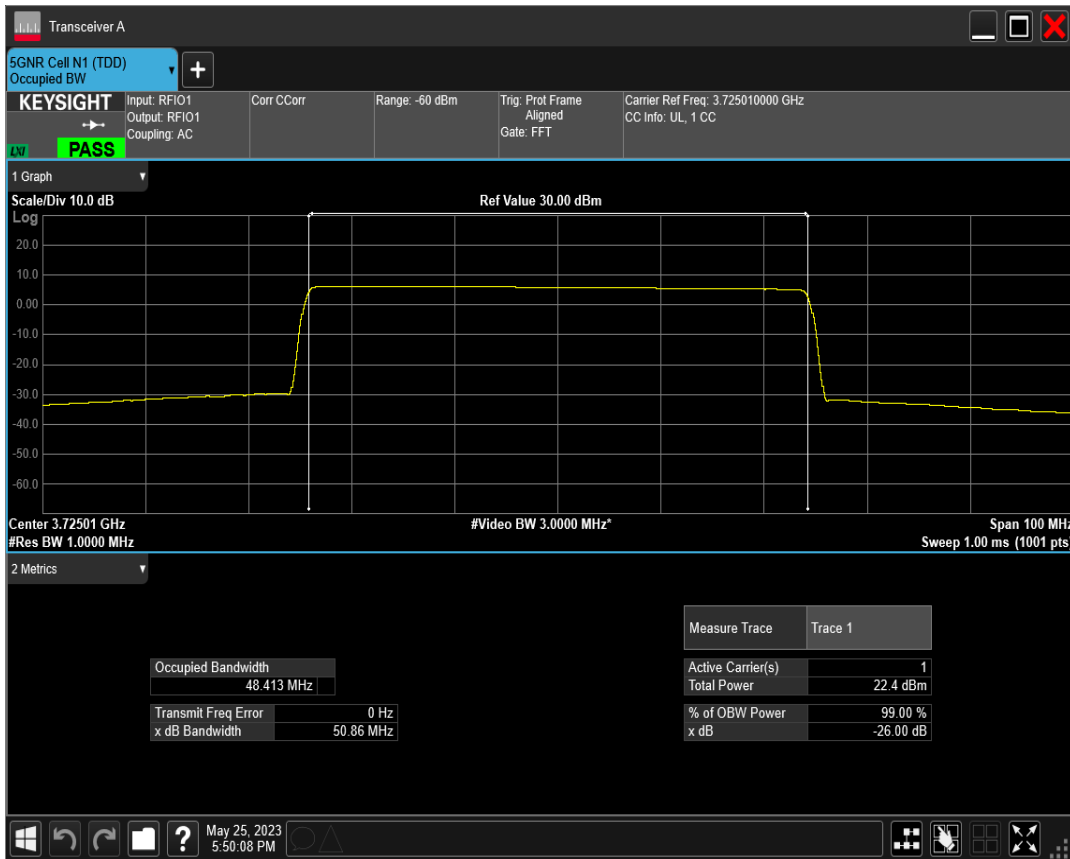
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=648334 RB=270@0



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



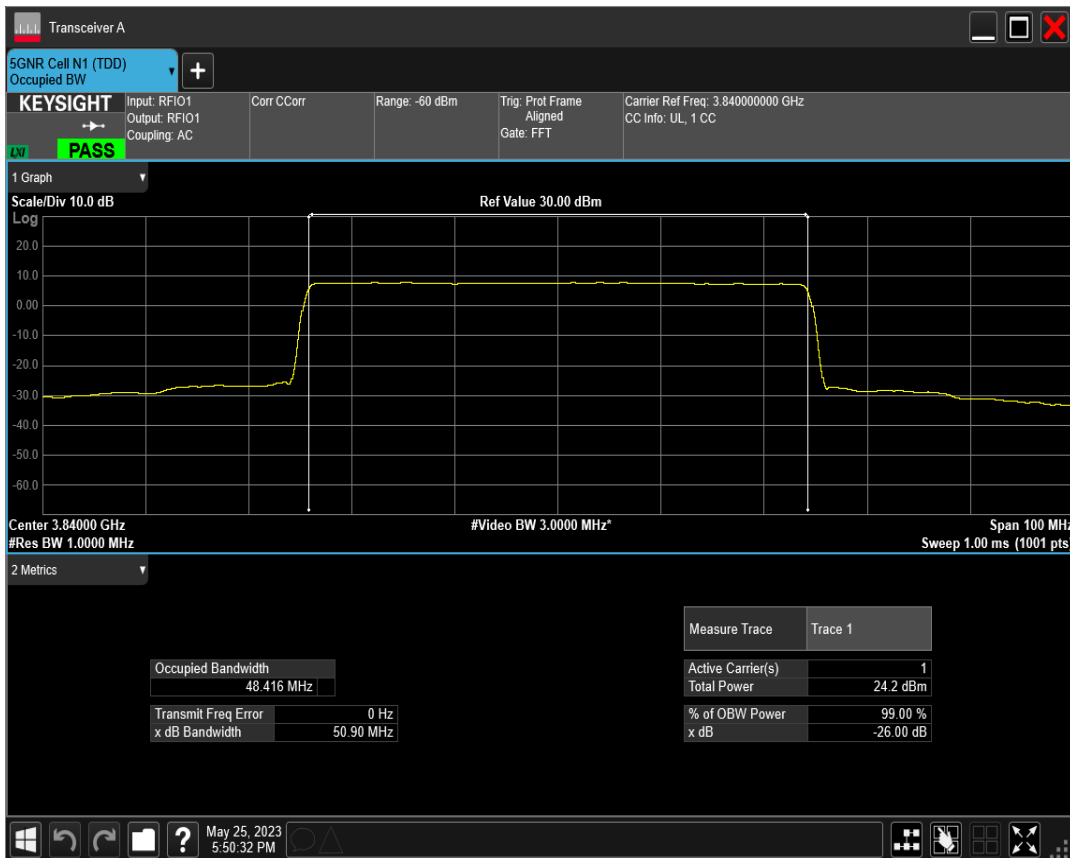
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=648334 RB=270@0



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



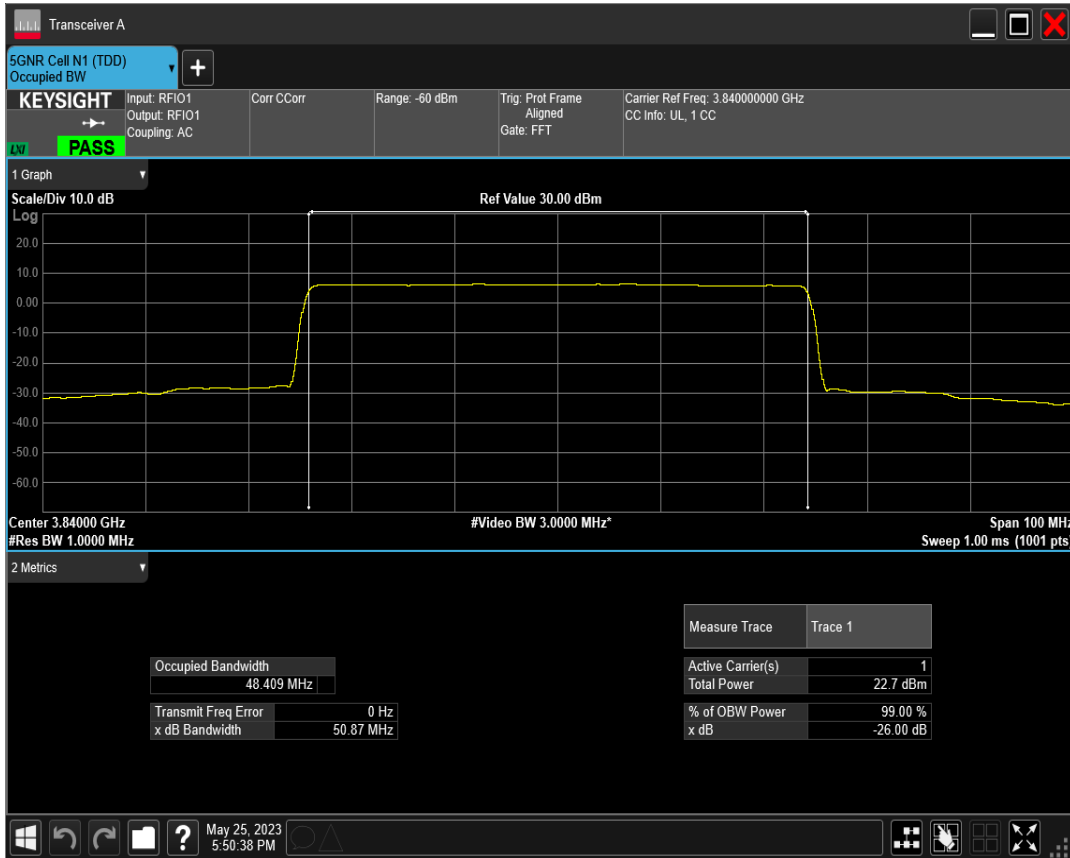
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



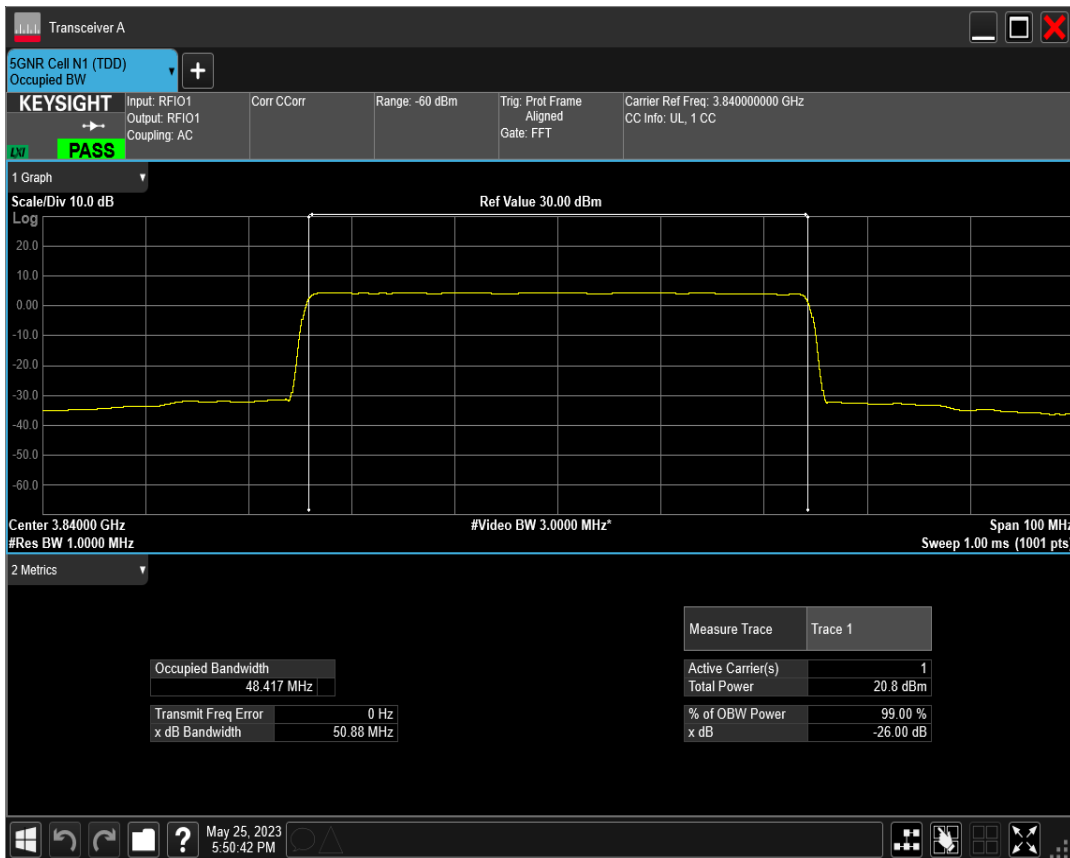
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=656000 RB=270@0



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



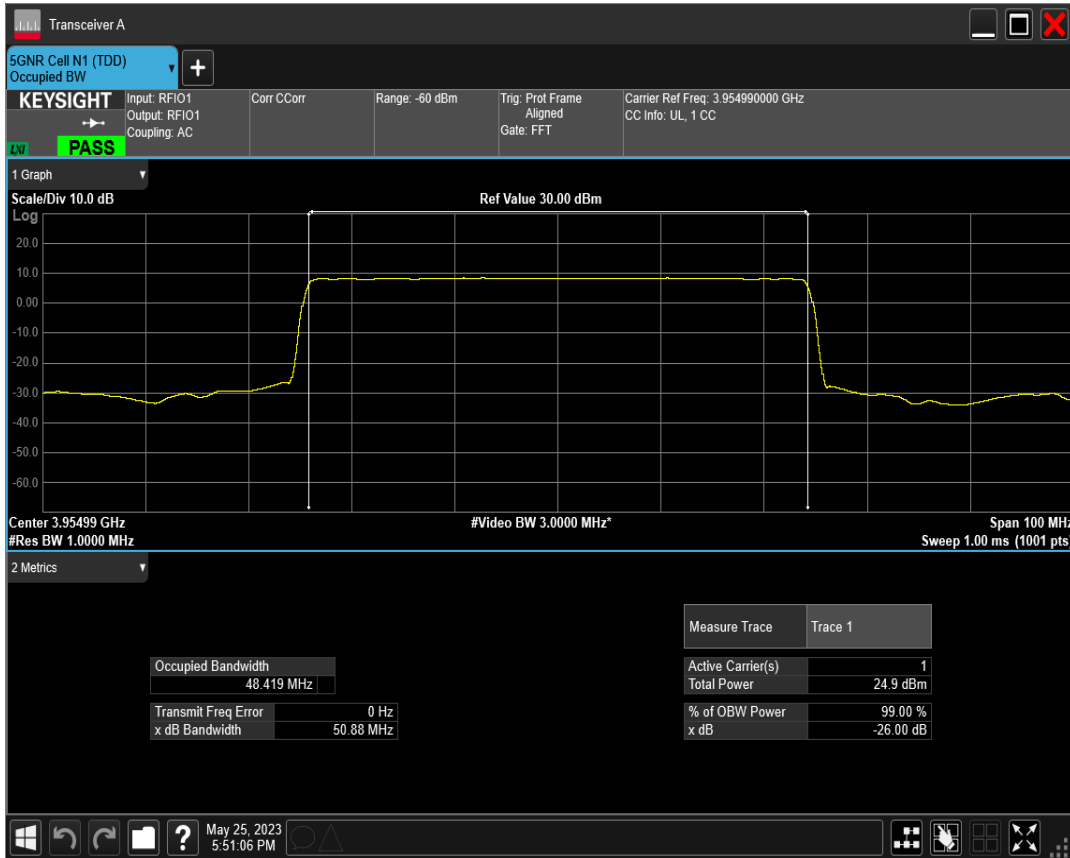
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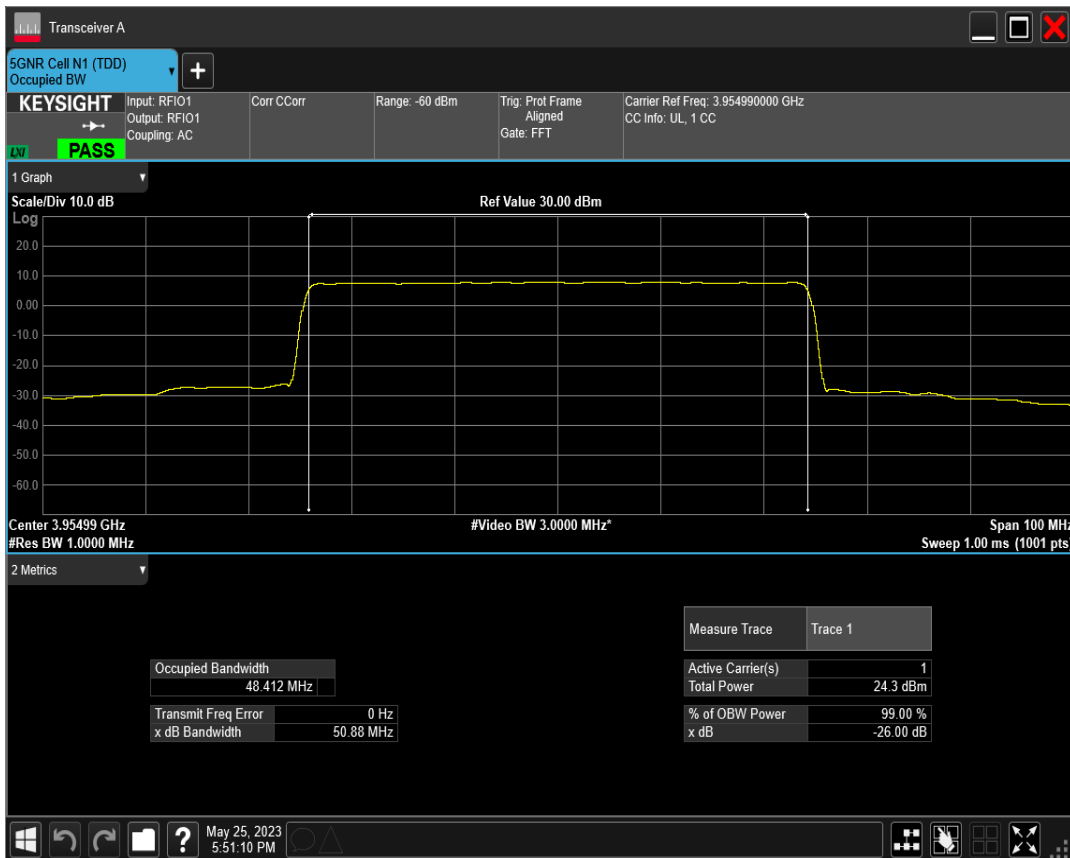
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=656000 RB=270@0



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

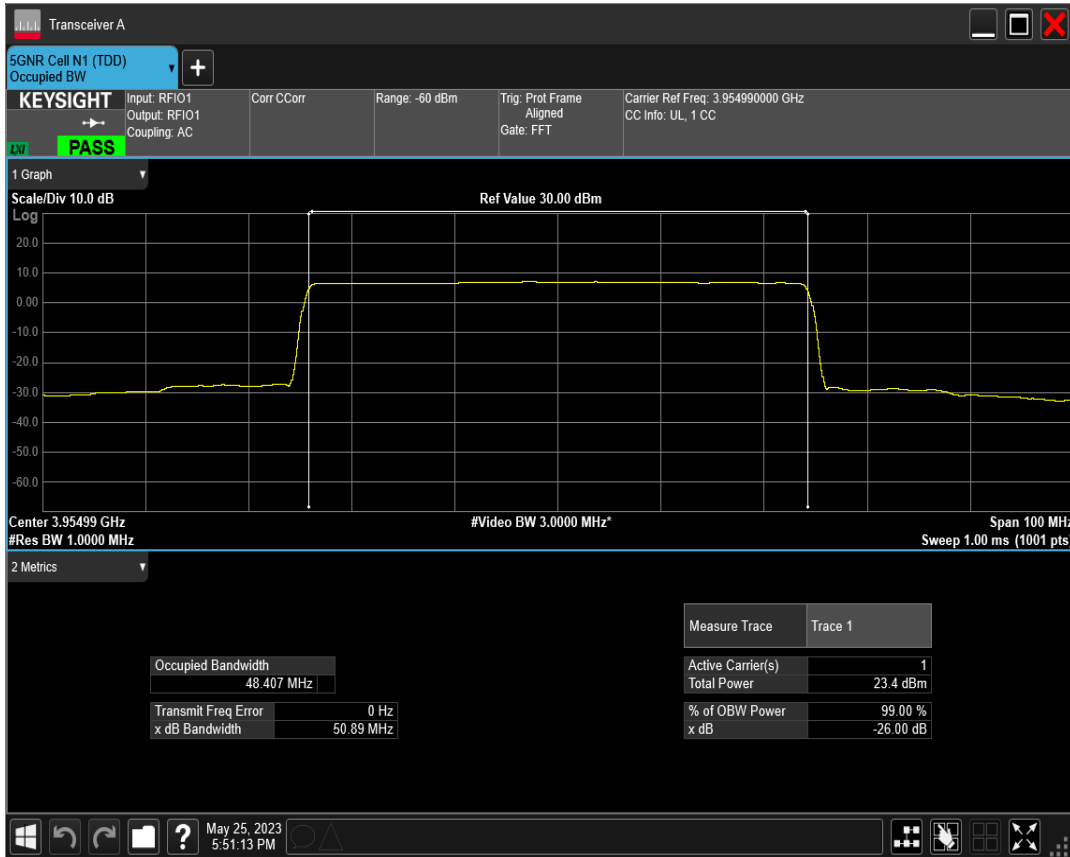


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0





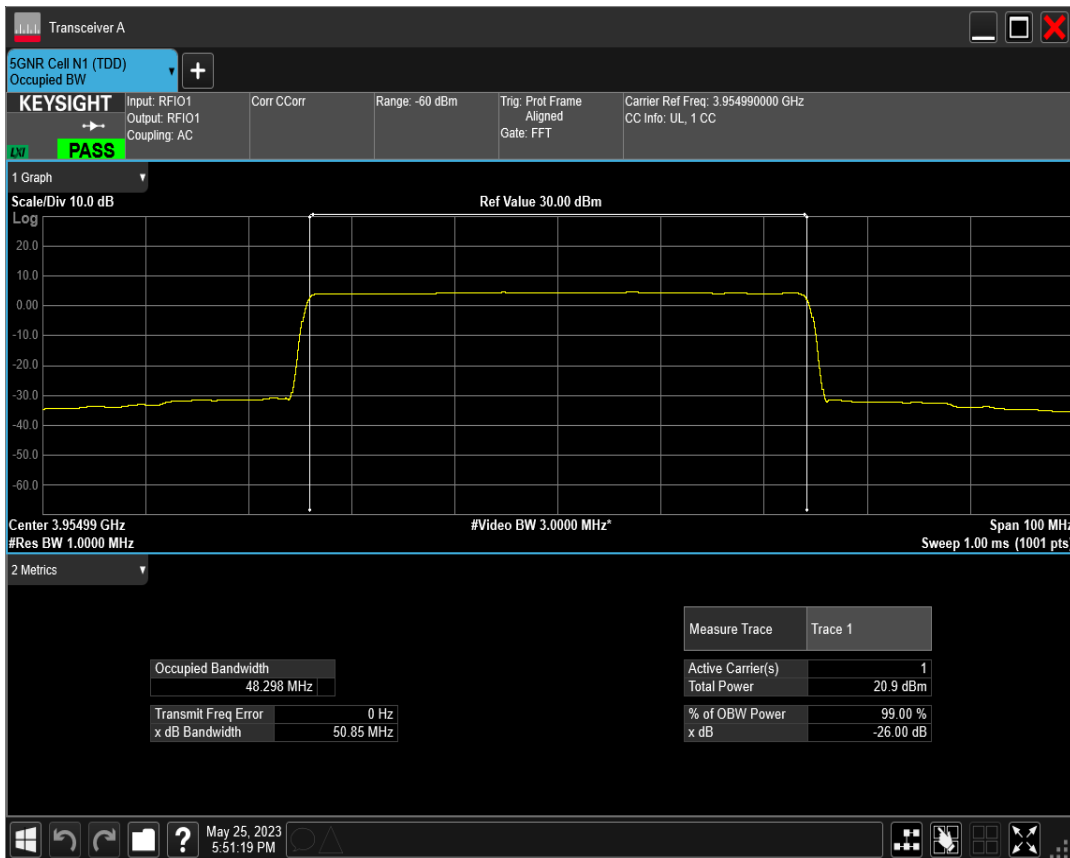
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=663666 RB=270@0



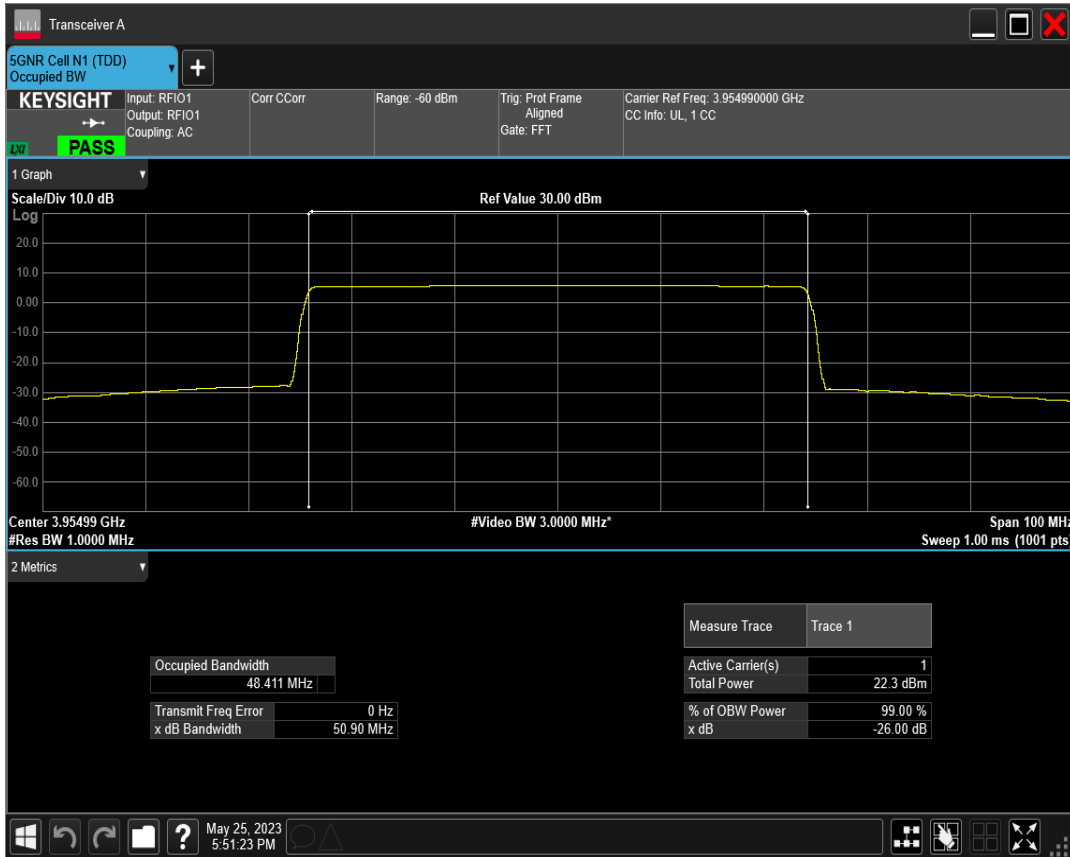
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=663666 RB=270@0



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



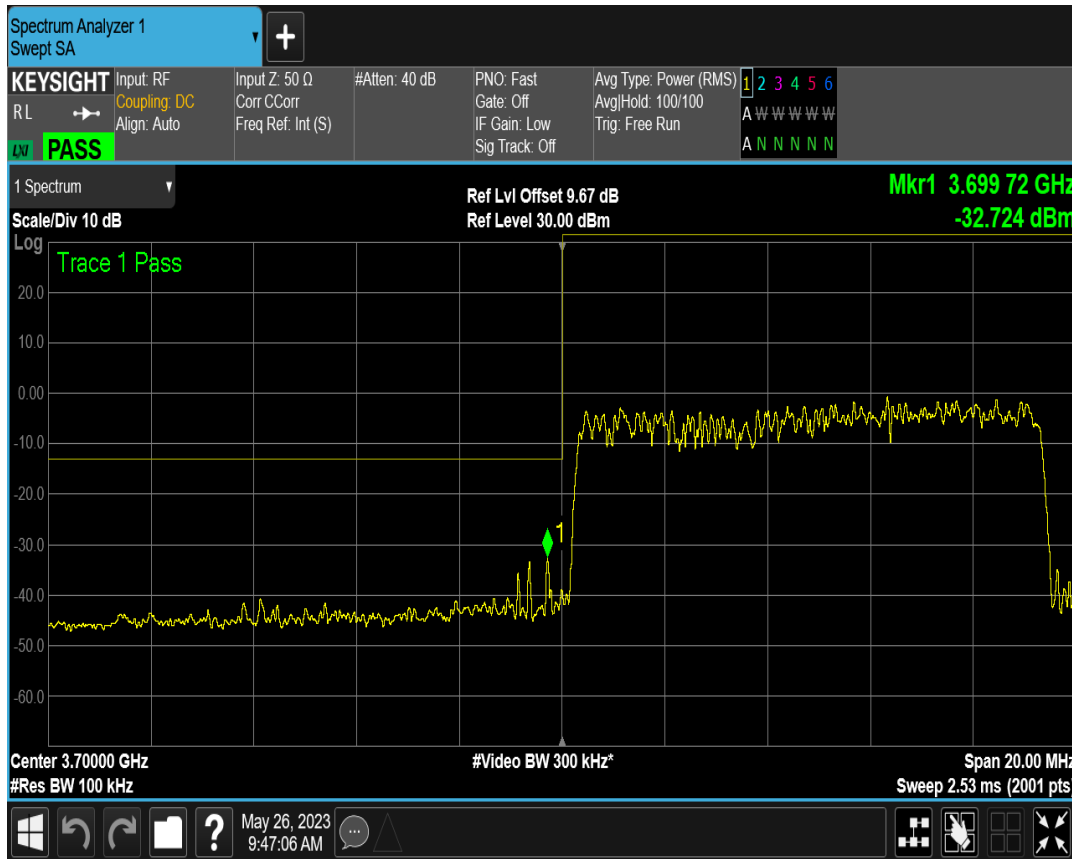
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=663666 RB=270@0



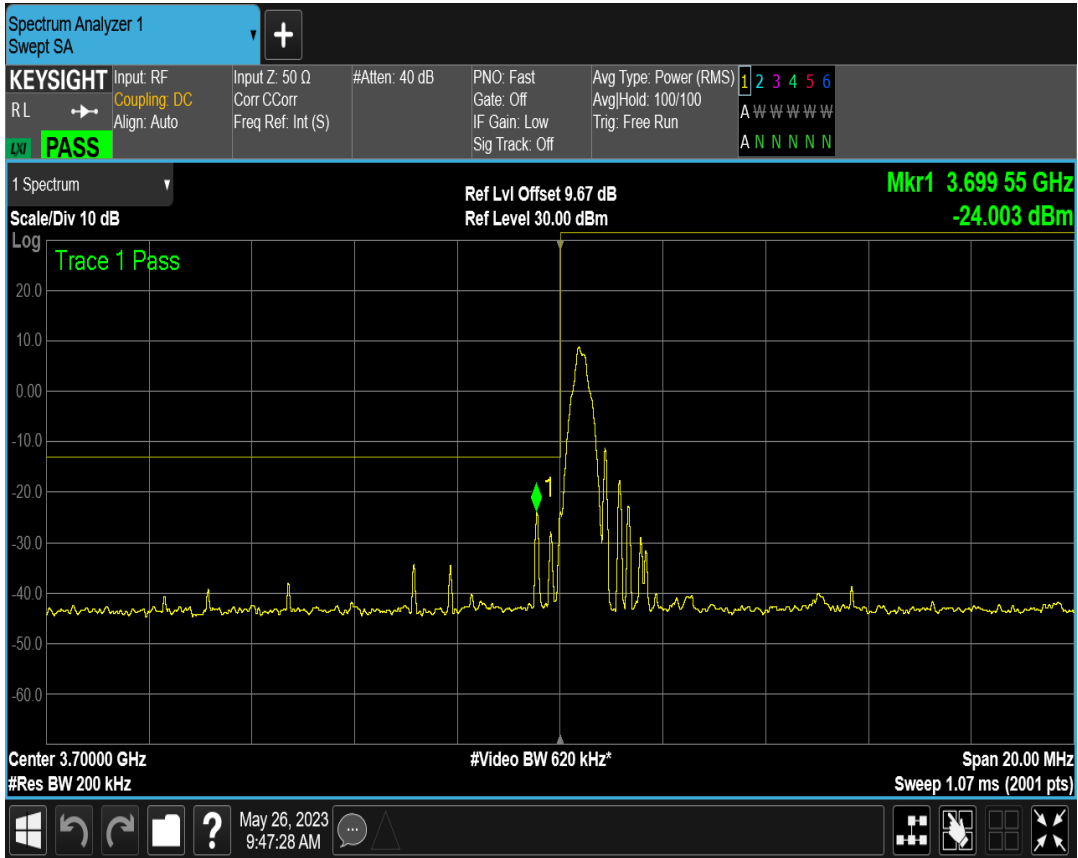
### 5 Band edge for NR FR1

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	3699.72	-32.72	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3699.55	-24.00	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	3980.45	-38.40	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	3980.00	-19.88	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	3700.00	-33.03	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	3699.85	-29.66	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	3980.00	-33.41	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	3980.15	-30.18	-13	PASS

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



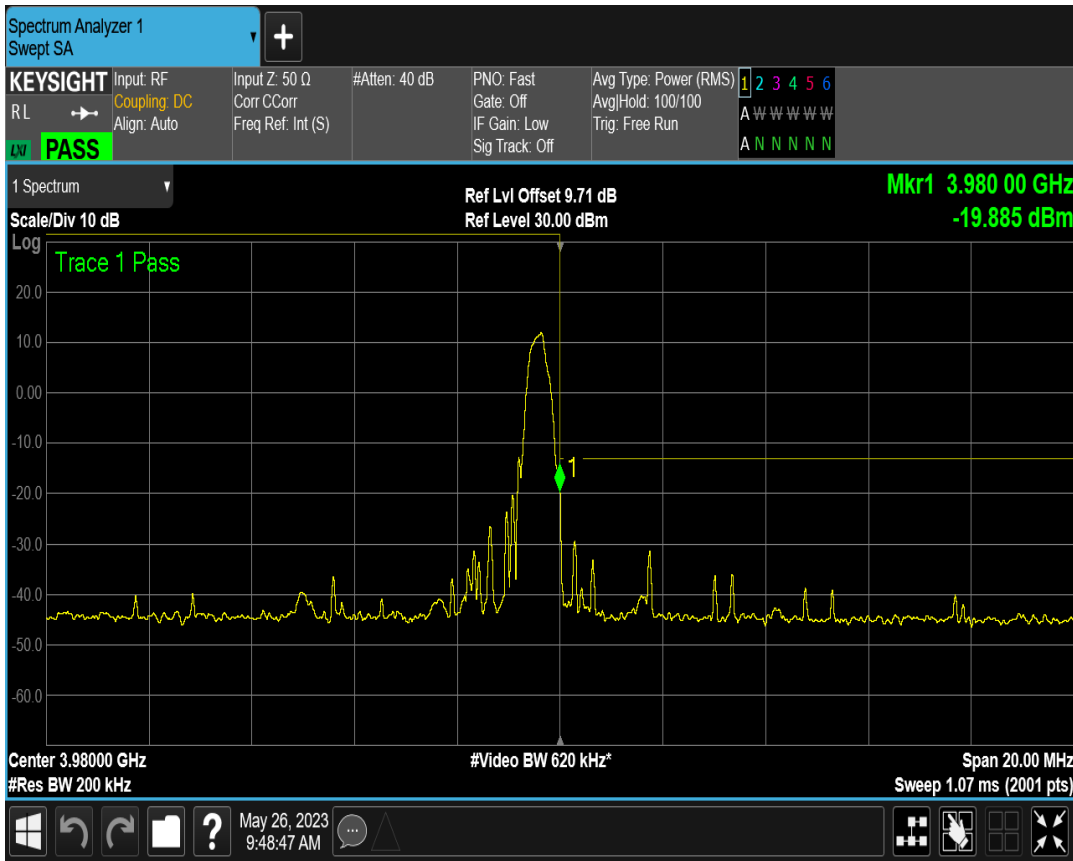
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



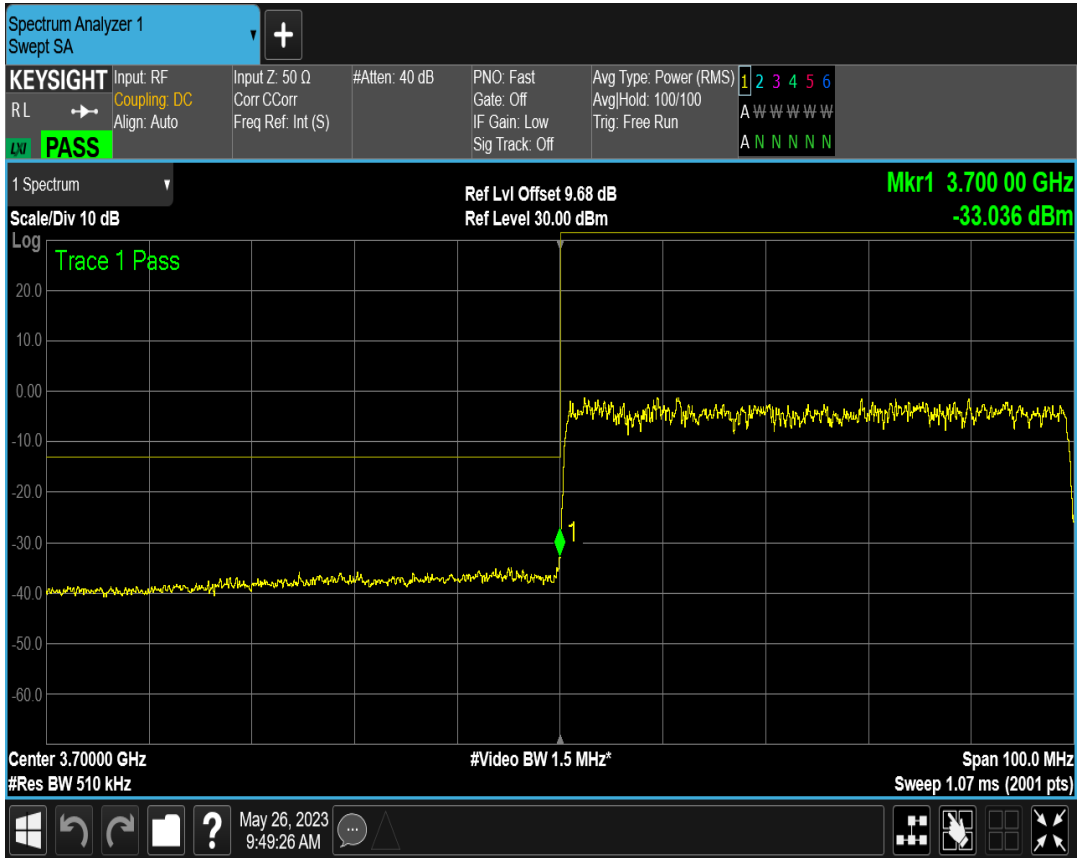
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



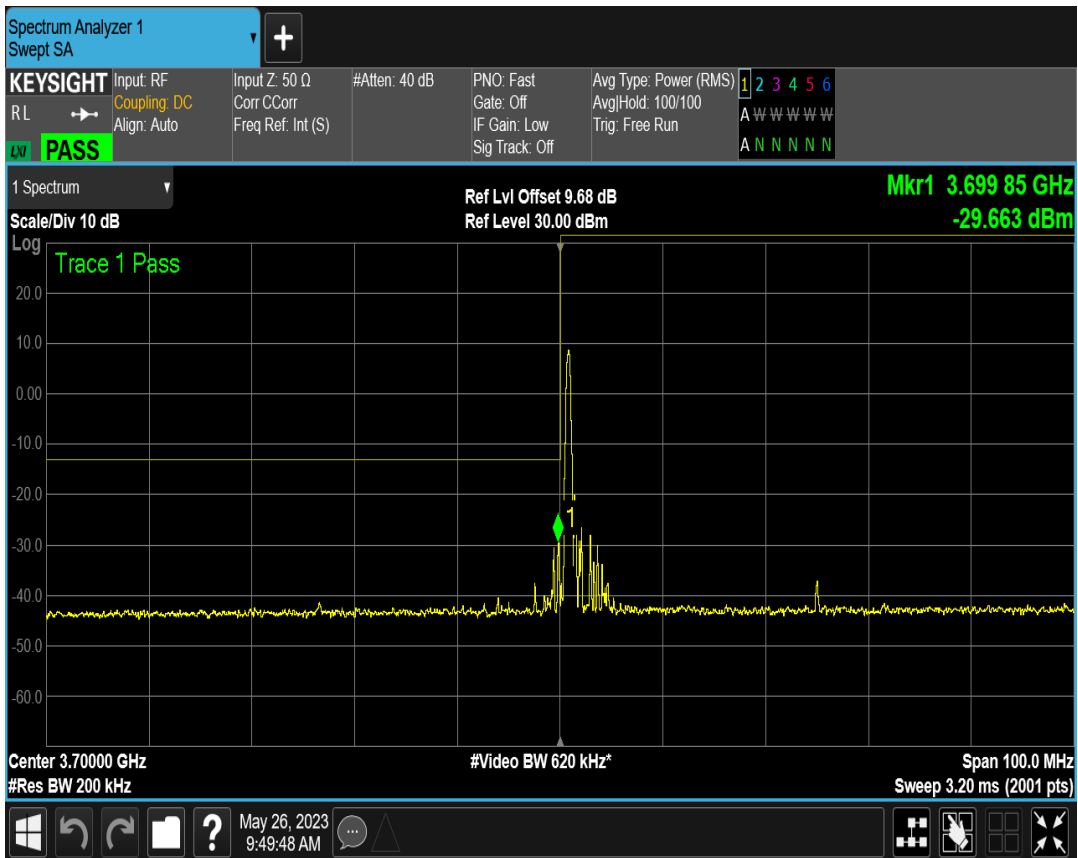
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



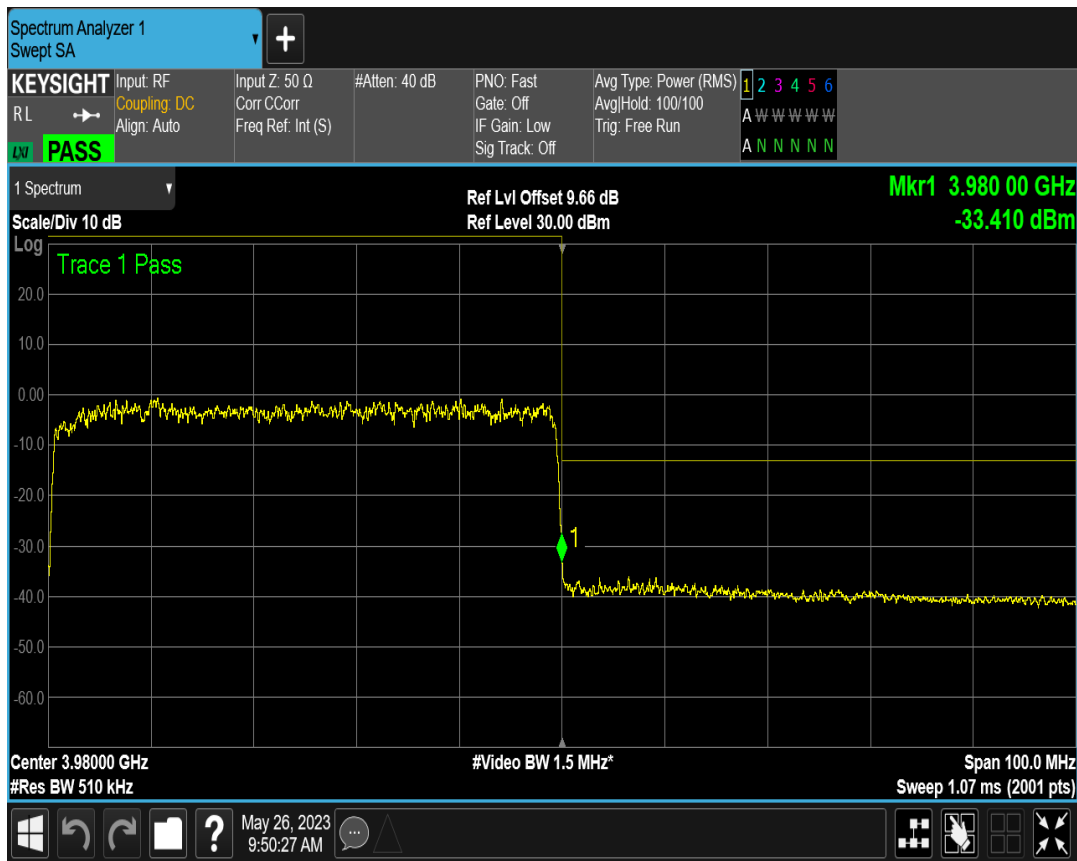
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



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

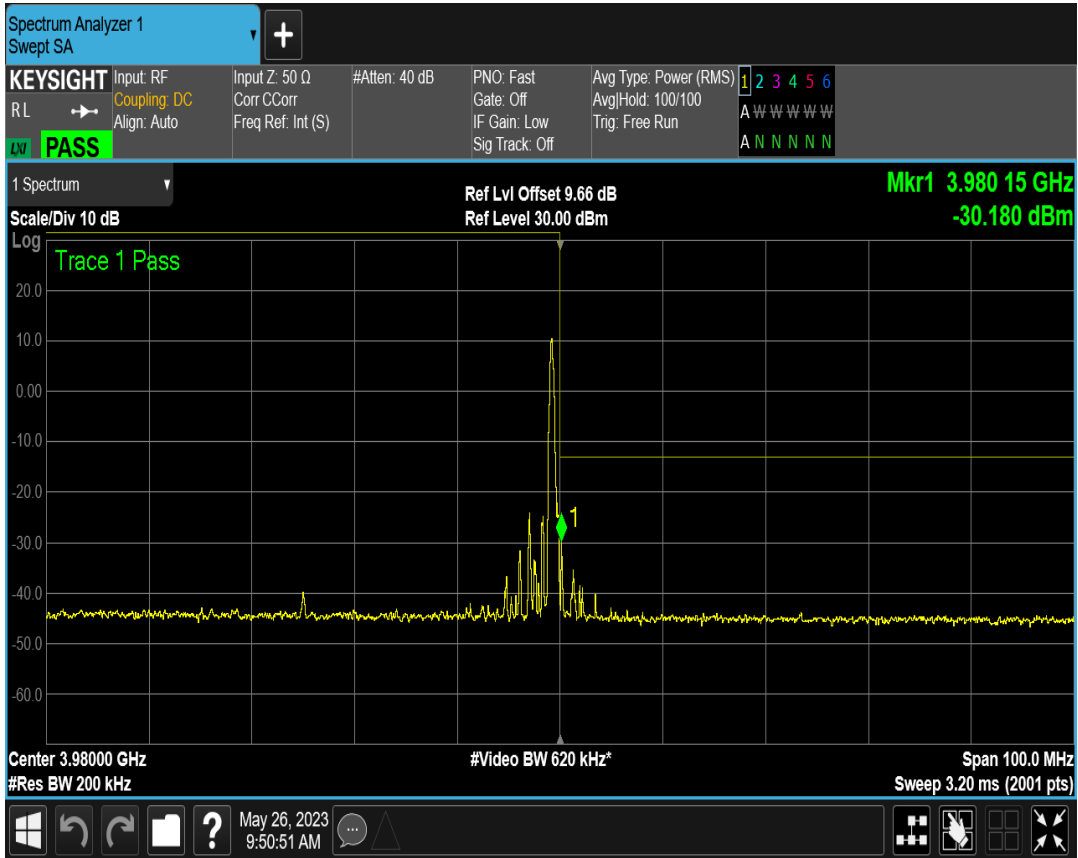


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=270@0



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

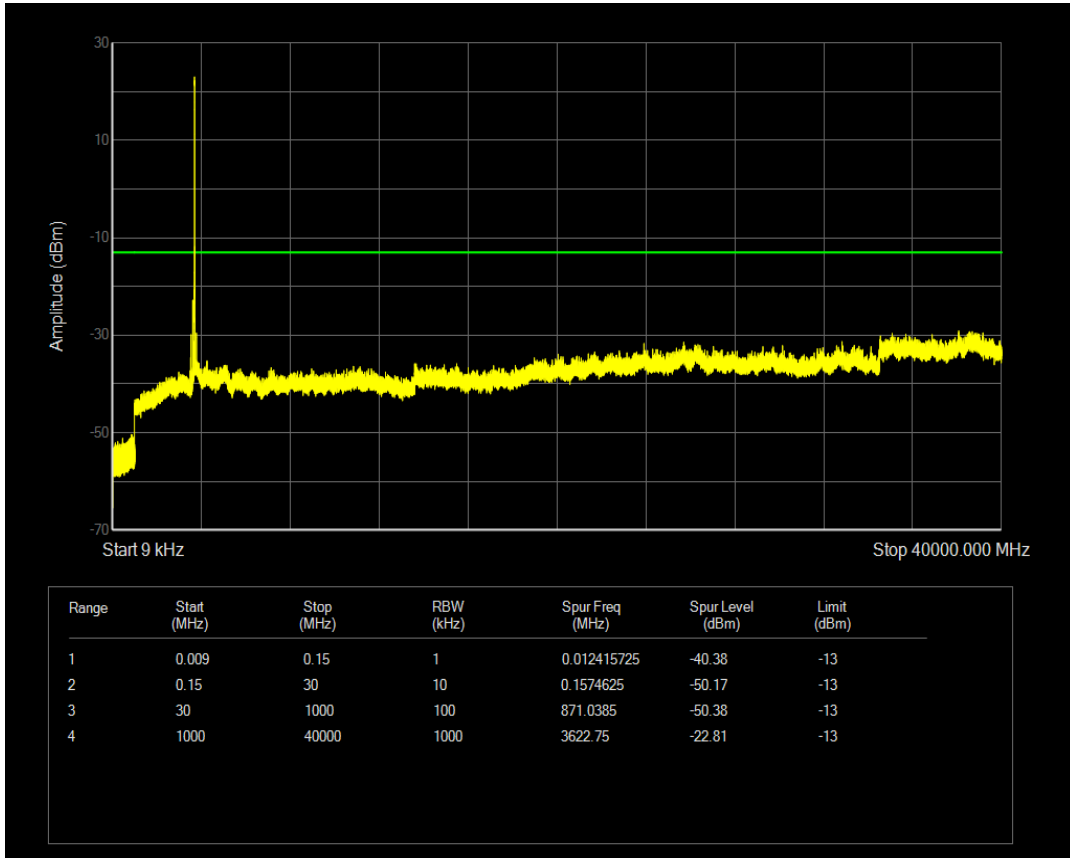




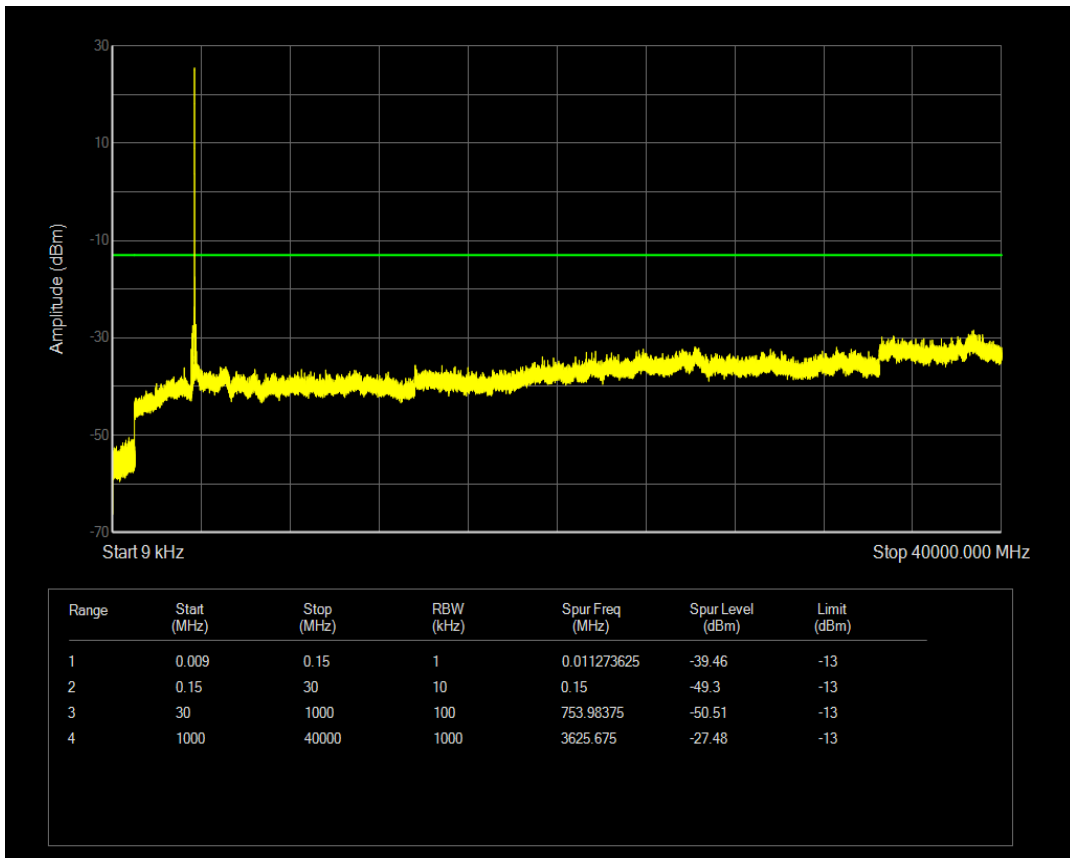
## 6 Out-of-band emissions for NR FR1

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	3622.75	-22.81	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3625.68	-27.48	-13	PASS
n77(3700-3980)	15	10	647000	1@51	DFT_QPSK	3645.18	-23.47	-13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	38554.08	-29.09	-13	PASS
n77(3700-3980)	15	10	656000	1@0	DFT_QPSK	38637.93	-29.04	-13	PASS
n77(3700-3980)	15	10	656000	1@51	DFT_QPSK	38508.25	-28.57	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	38772.48	-28.85	-13	PASS
n77(3700-3980)	15	10	665000	1@0	DFT_QPSK	4045.90	-28.81	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	35126.95	-28.30	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	38714.95	-28.77	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	38696.43	-29.04	-13	PASS
n77(3700-3980)	15	50	648334	1@269	DFT_QPSK	38100.70	-29.37	-13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	38751.03	-29.71	-13	PASS
n77(3700-3980)	15	50	656000	1@0	DFT_QPSK	38833.90	-28.89	-13	PASS
n77(3700-3980)	15	50	656000	1@269	DFT_QPSK	38542.38	-28.80	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	38089.98	-27.95	-13	PASS
n77(3700-3980)	15	50	663666	1@0	DFT_QPSK	38653.53	-28.91	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	38573.58	-28.34	-13	PASS

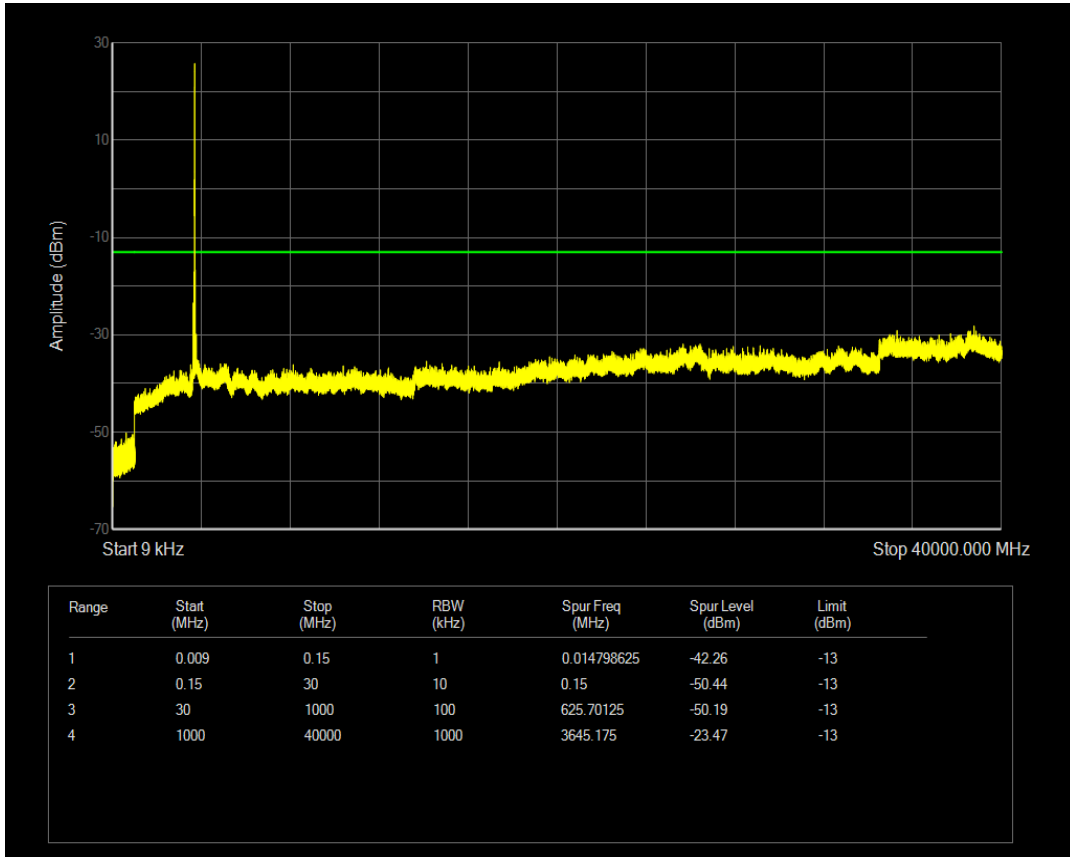
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



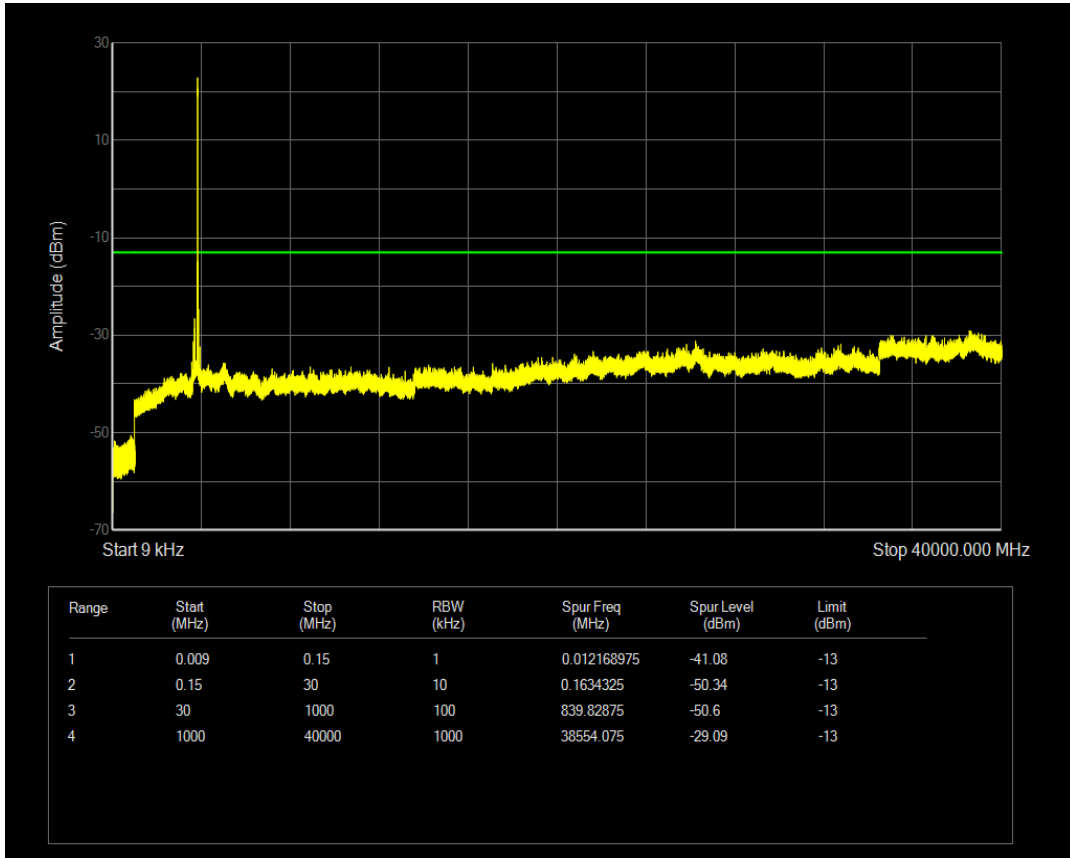
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1 @0



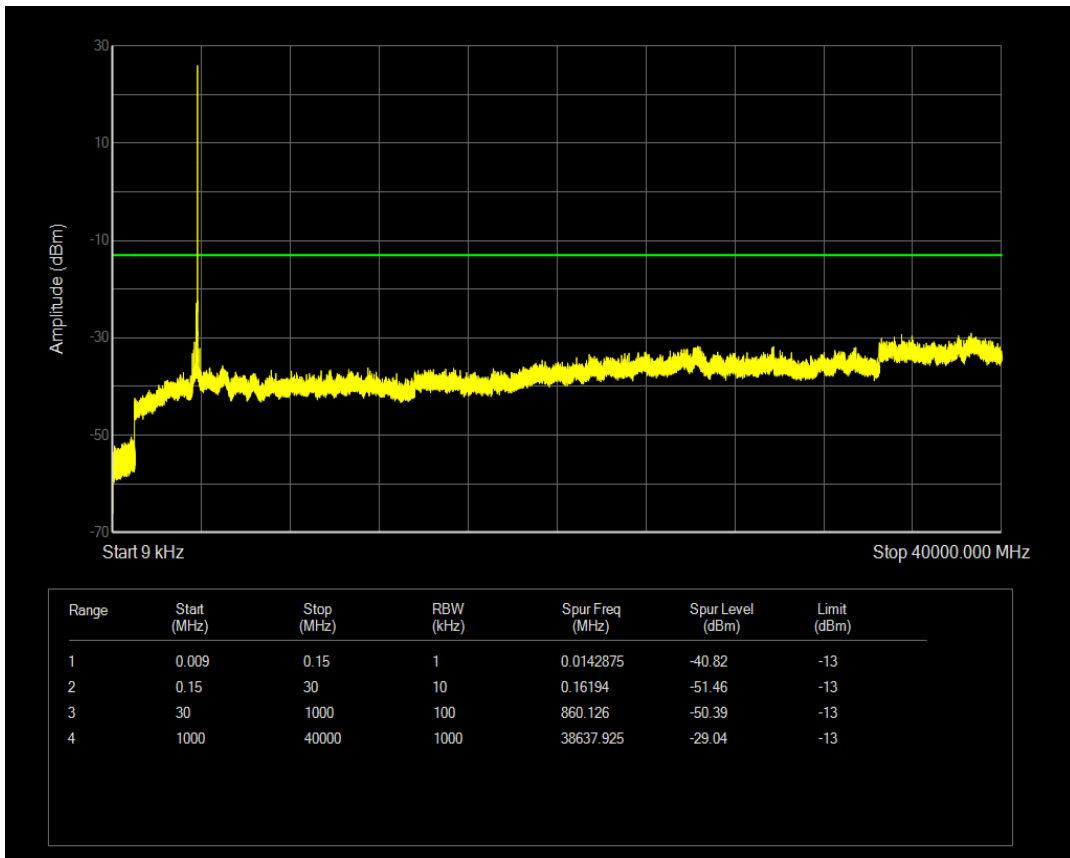
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@51



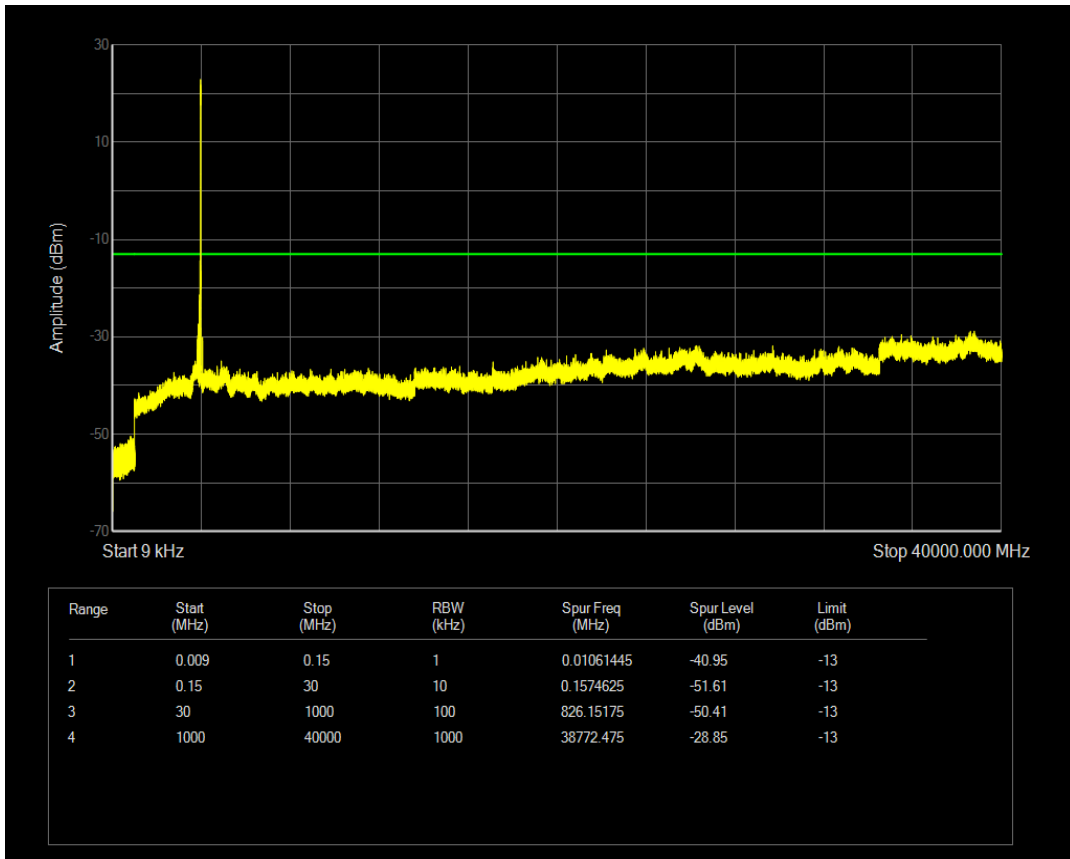
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=50@0



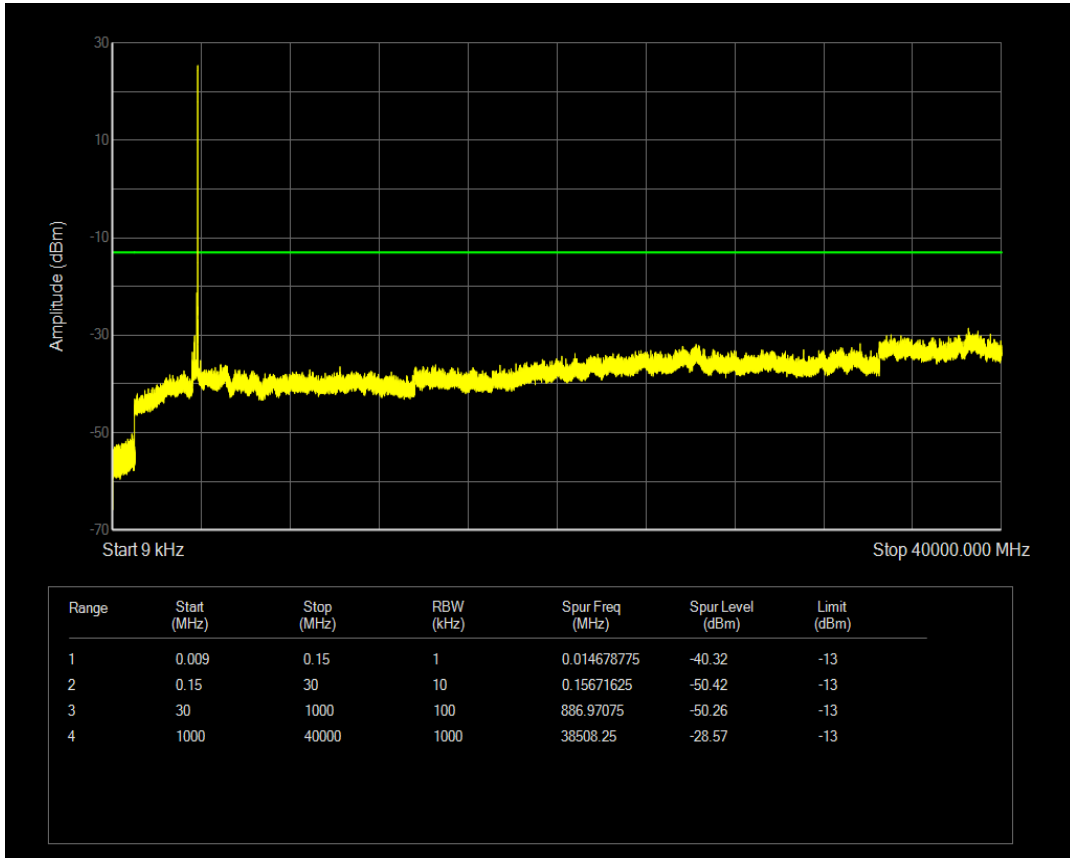
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1 @0



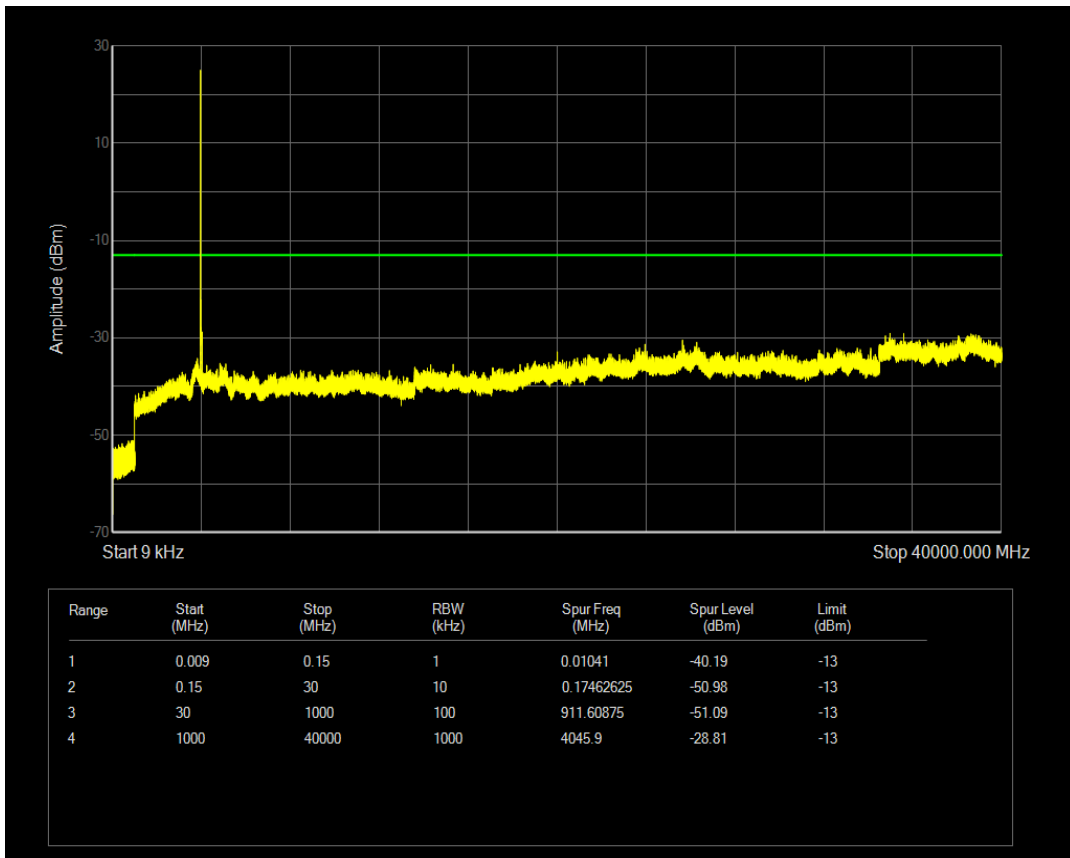
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



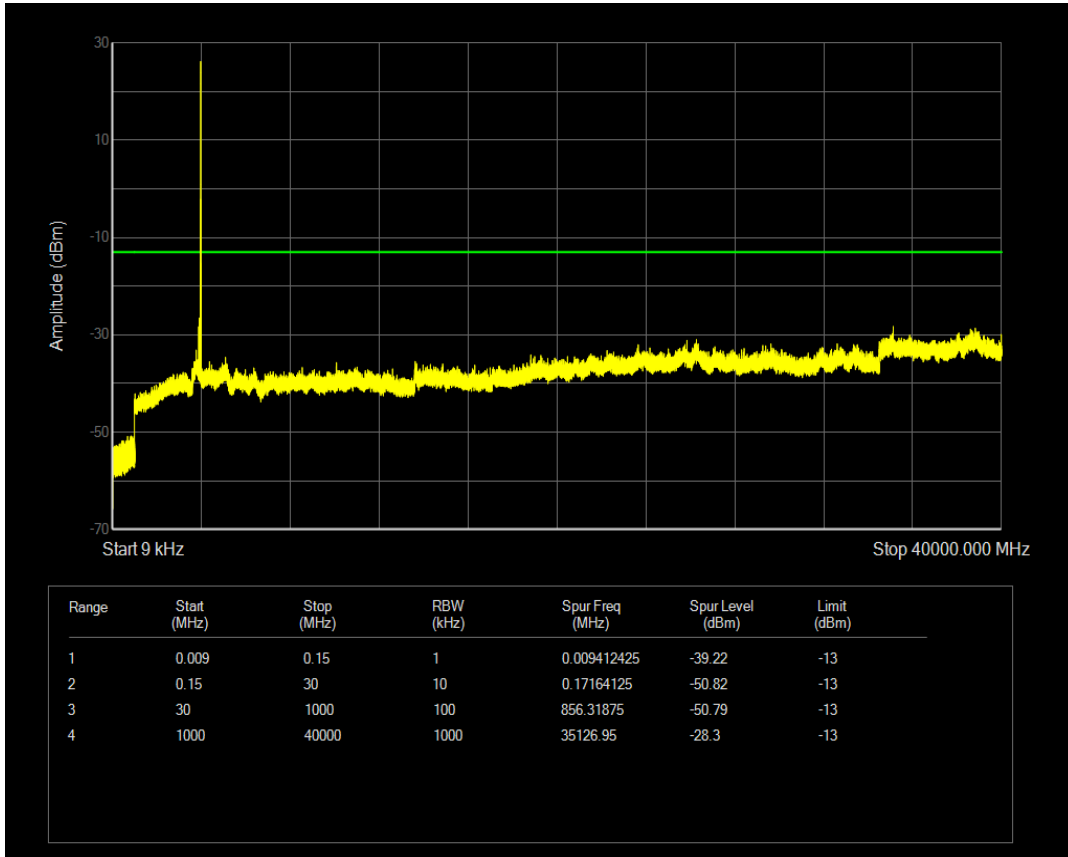
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



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

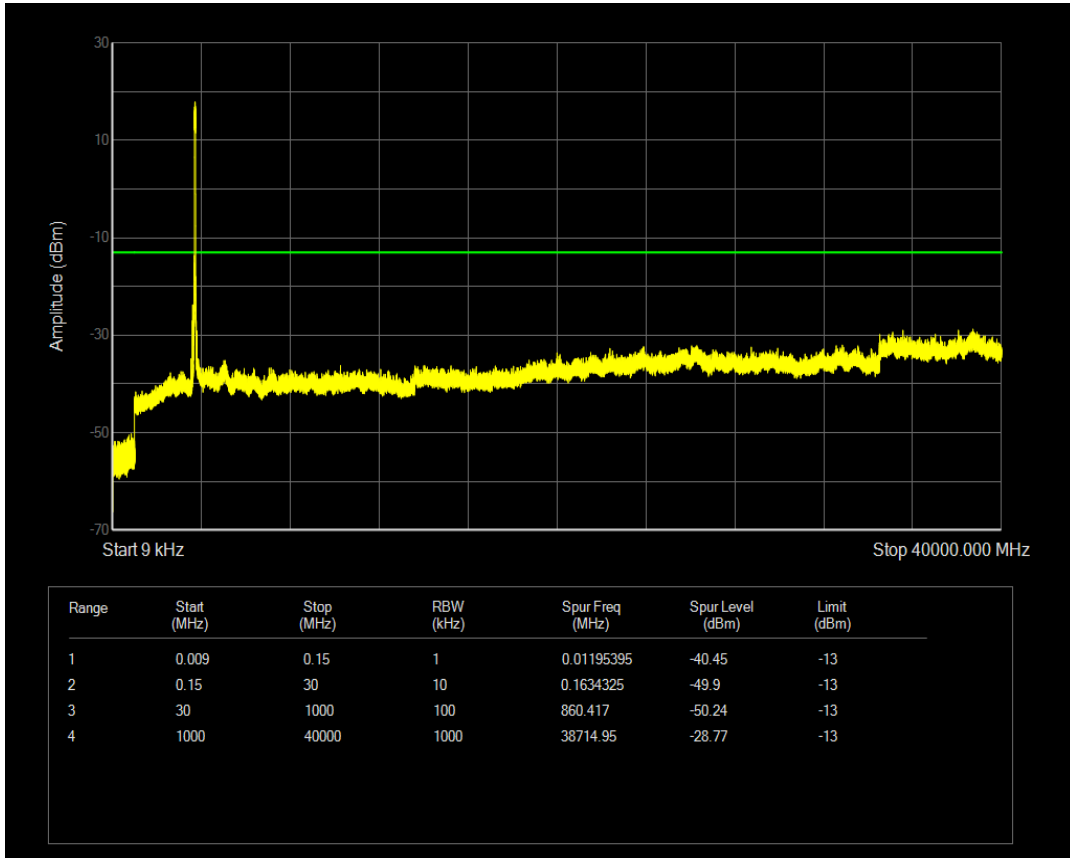


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51

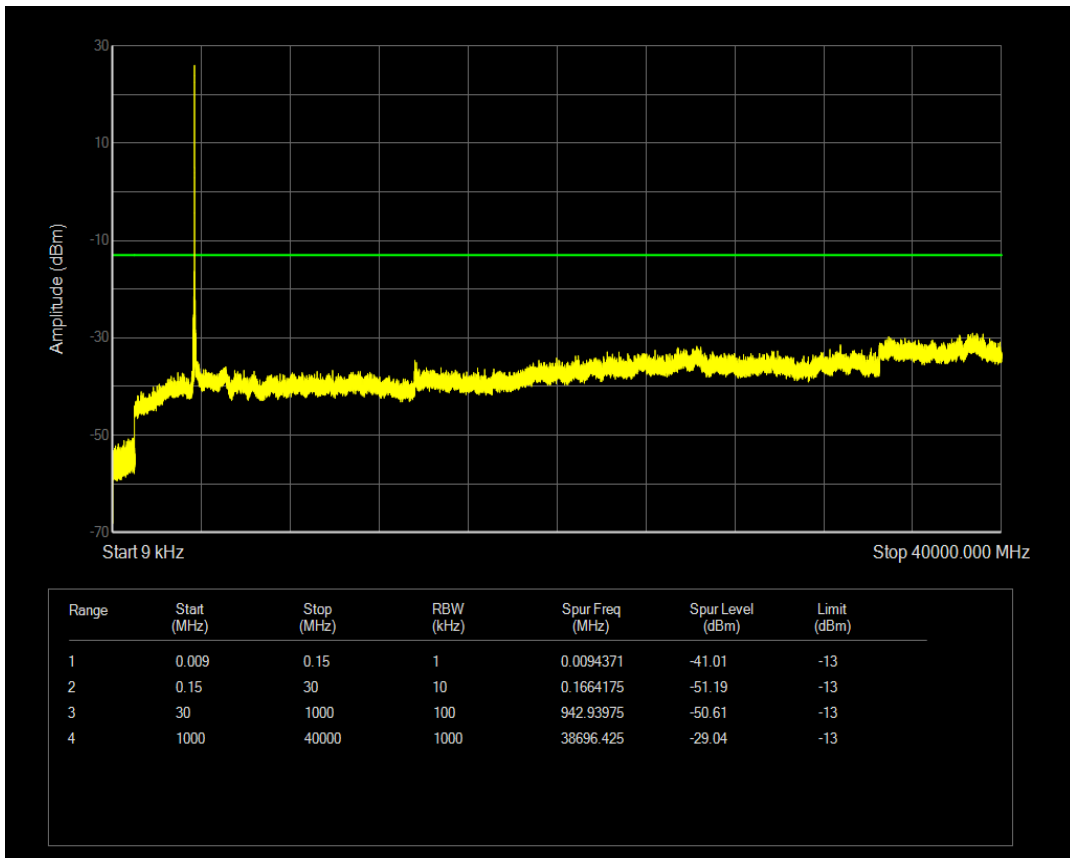


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0

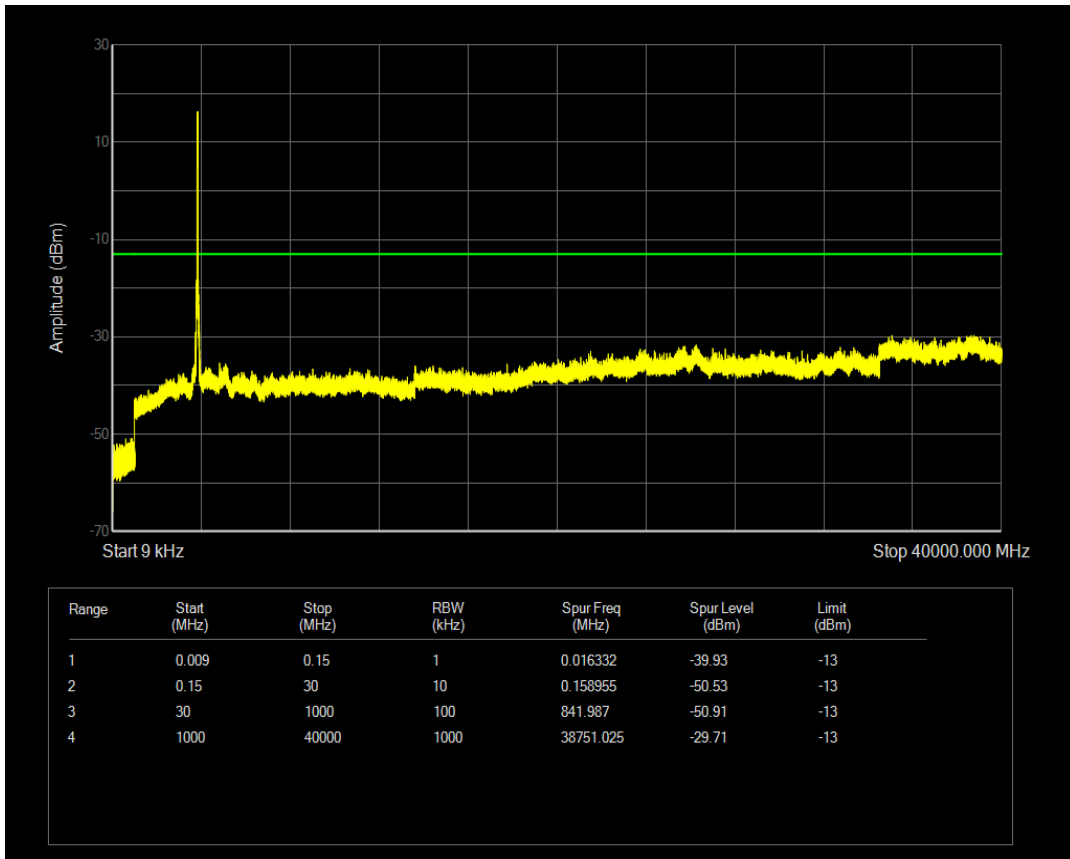




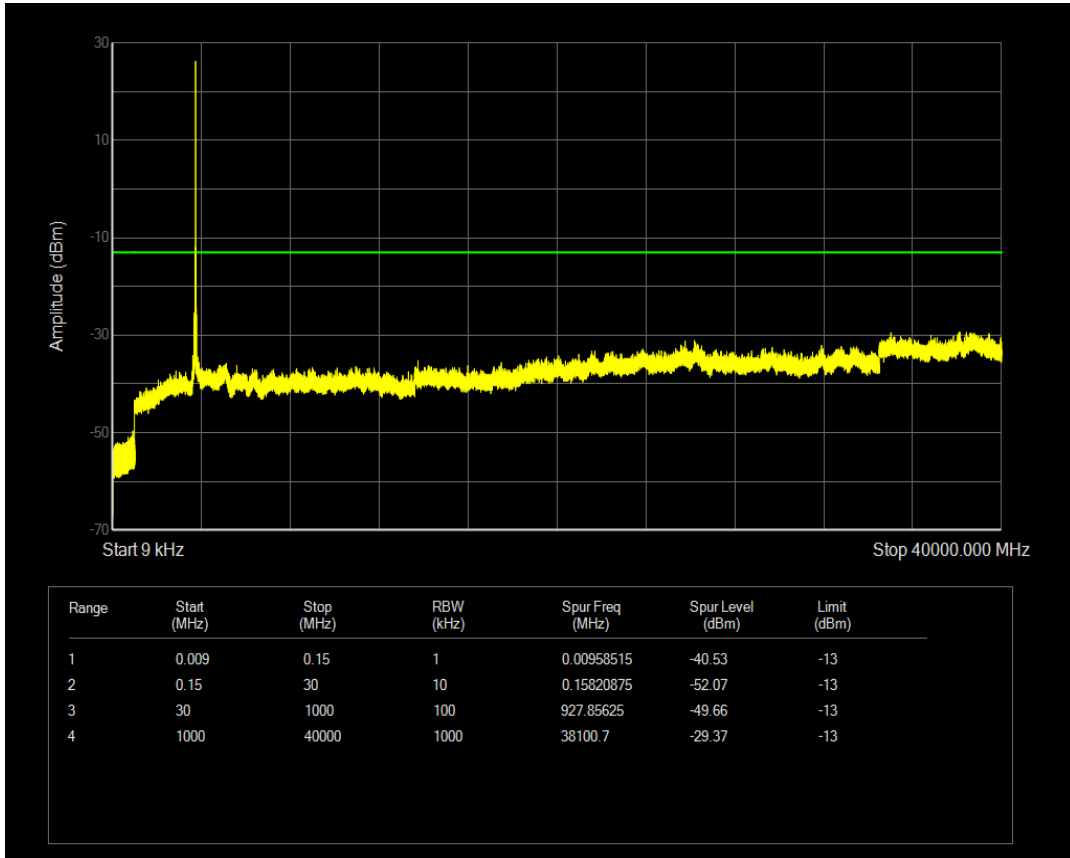
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@0



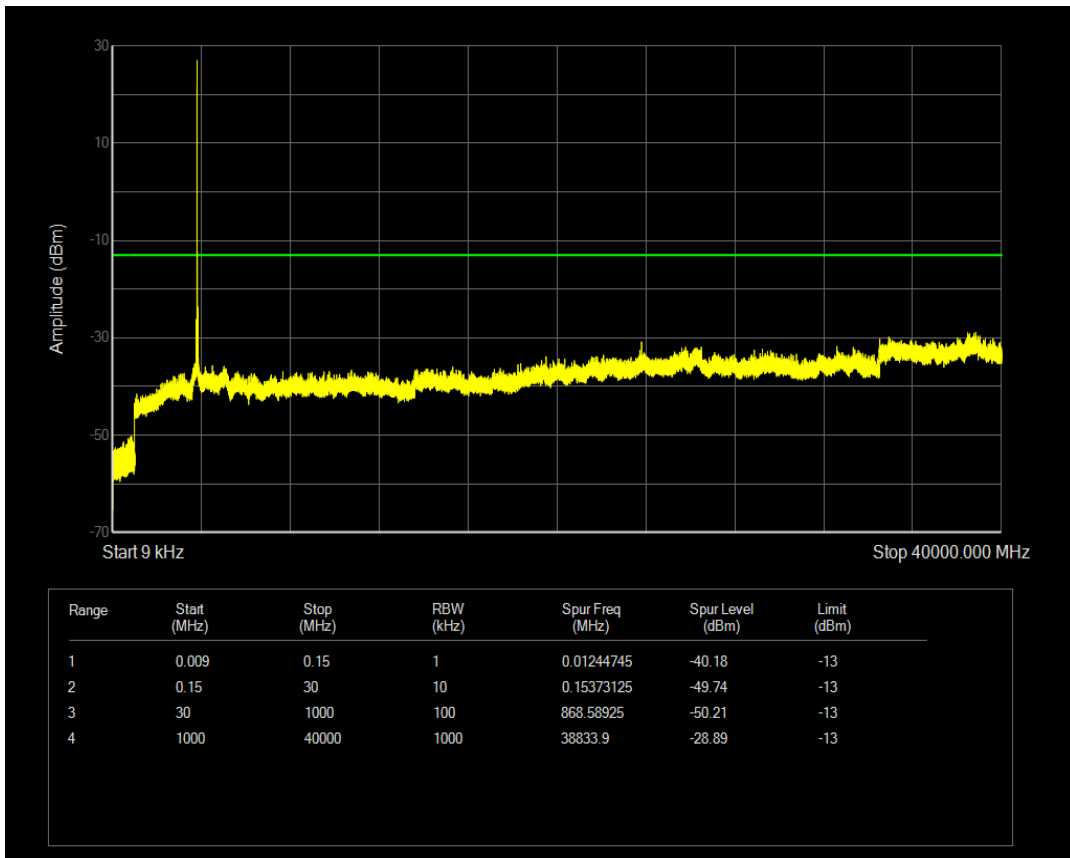
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



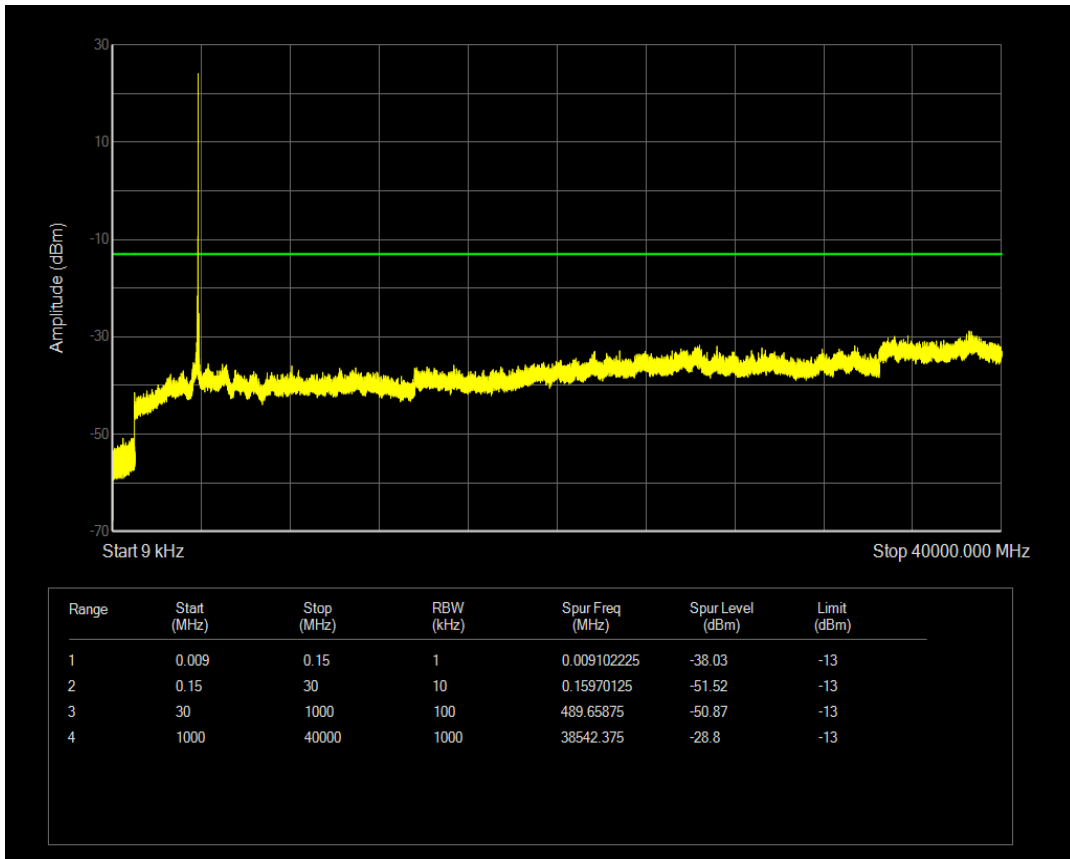
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@269



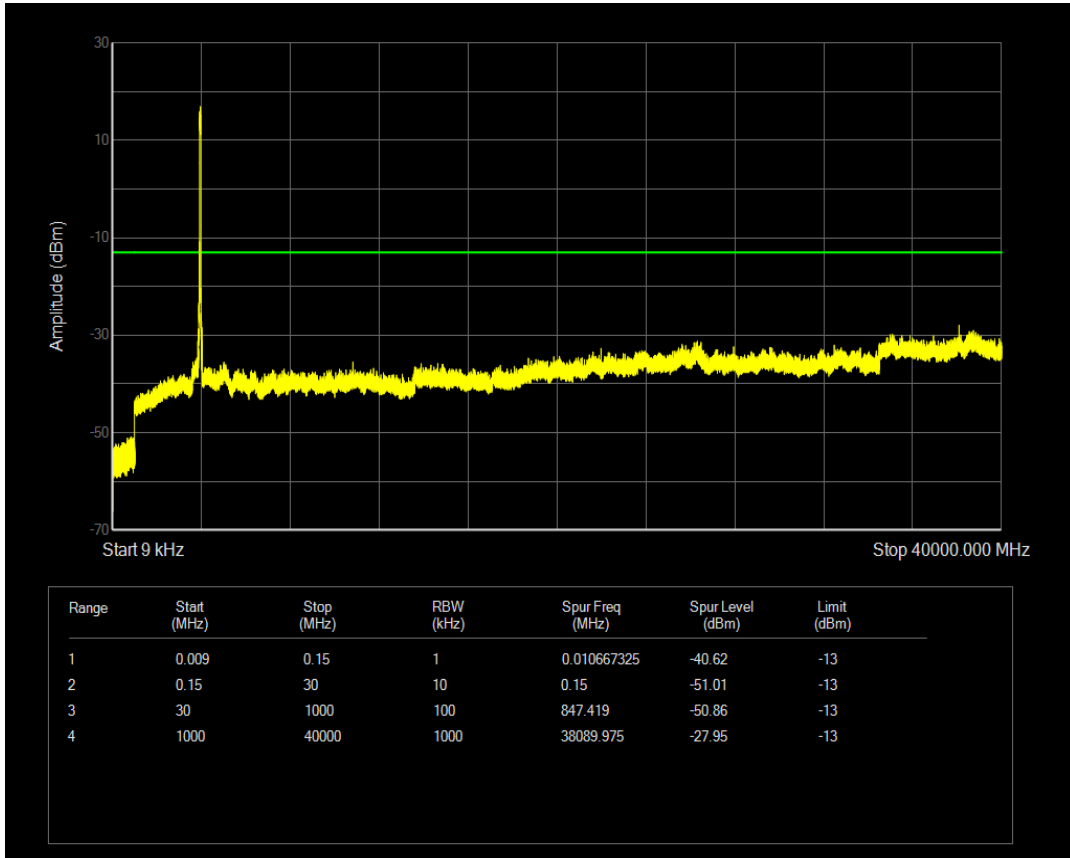
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1 @0



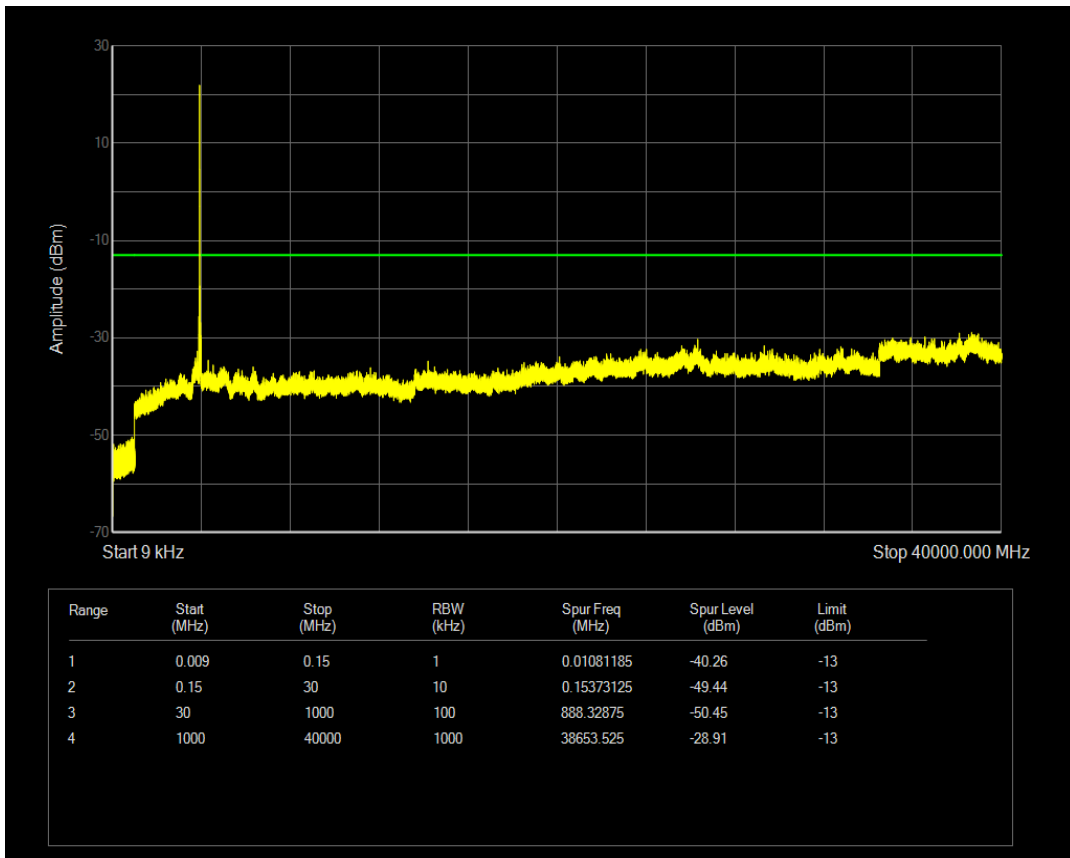
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1 @269



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

