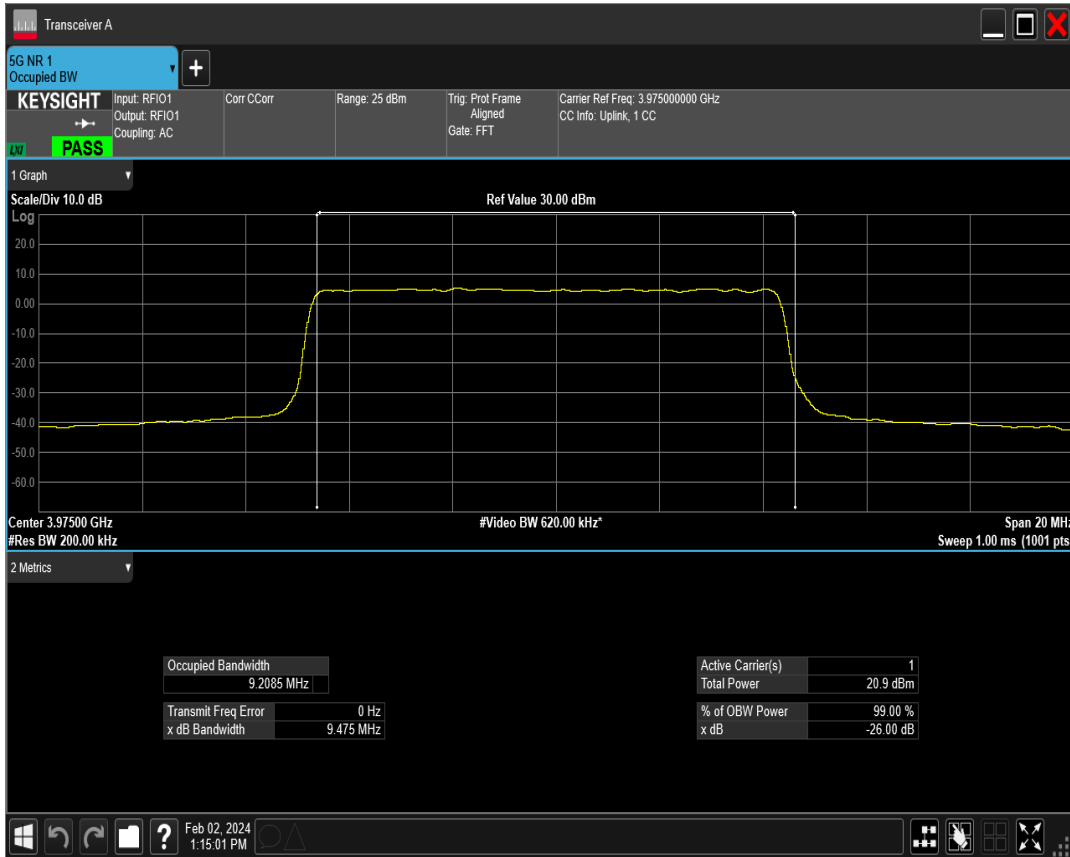
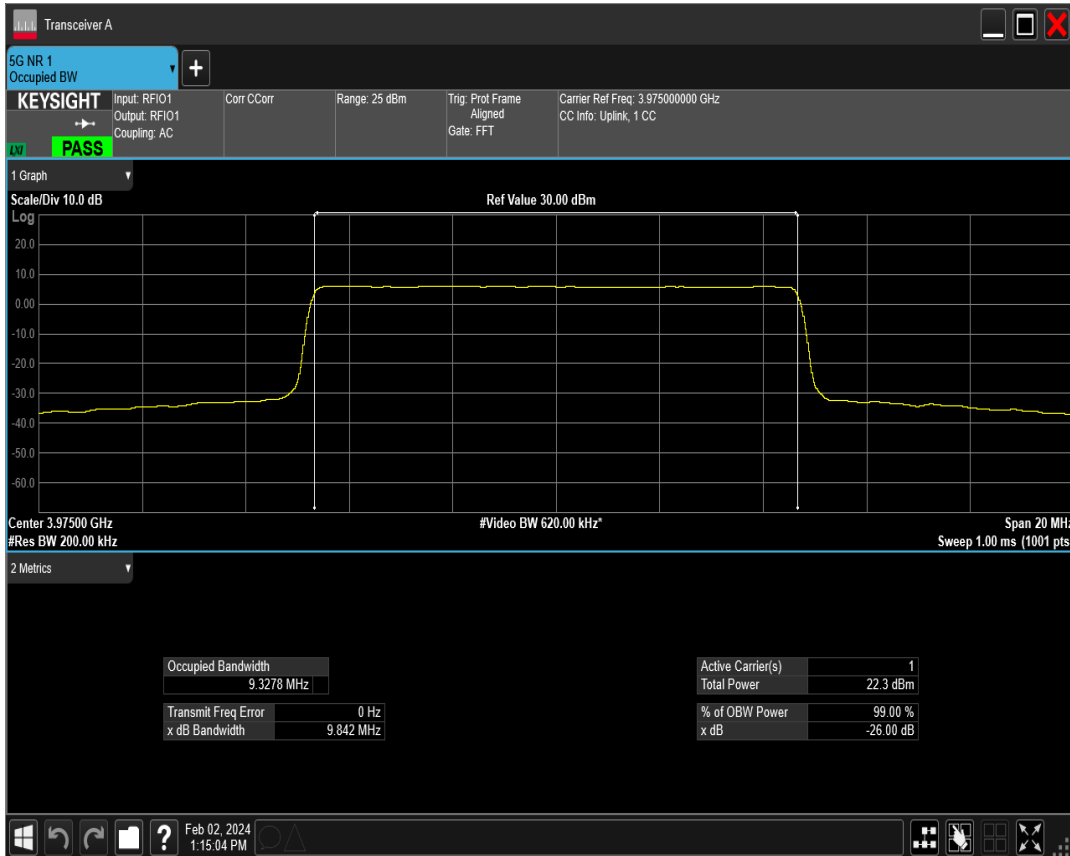


n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=665000 RB=50@0



n77(3700-3980) SCS=15kHz CP\_QPSK BW=10MHz Channel=665000 RB=52@0



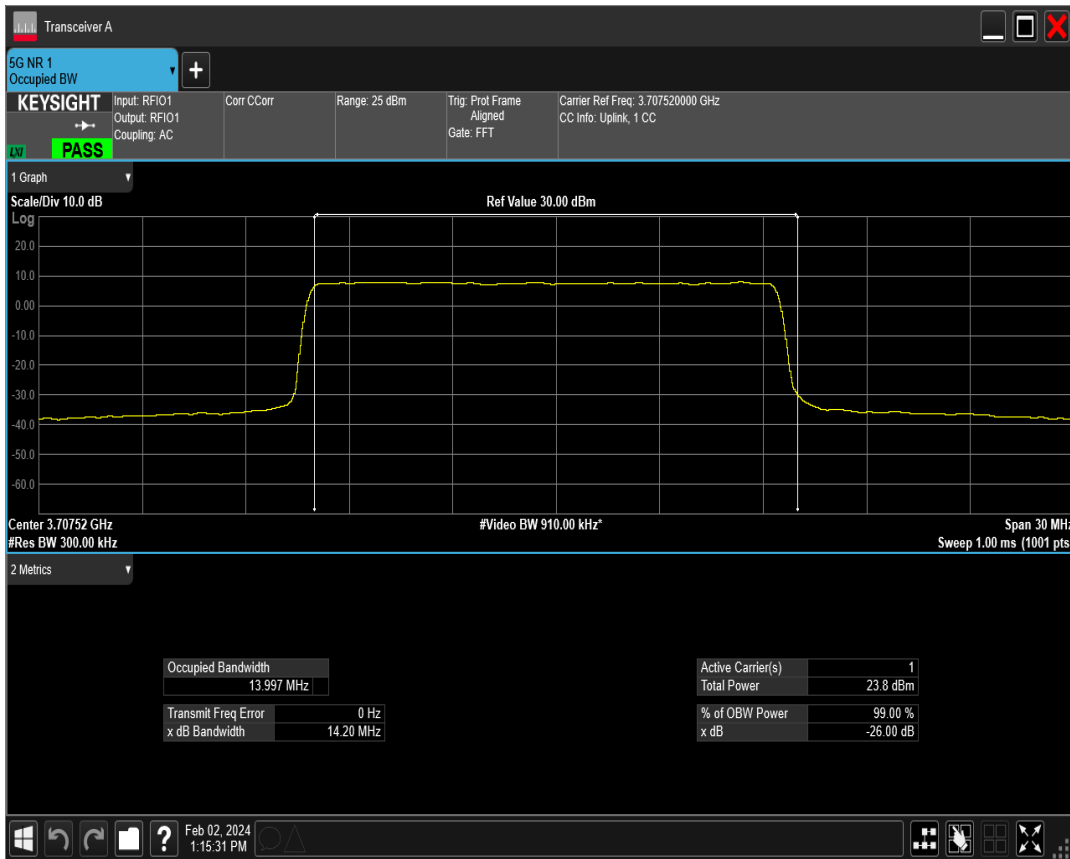
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=15MHz Channel=647168 RB=75@0



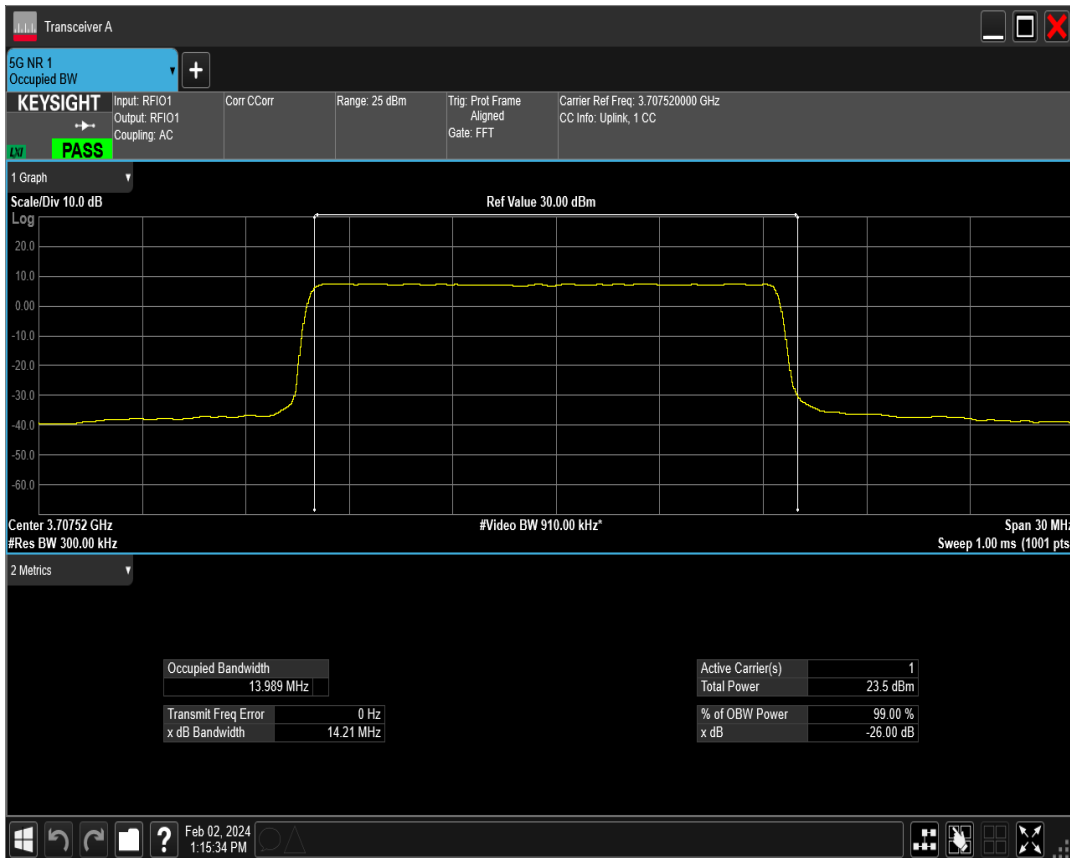
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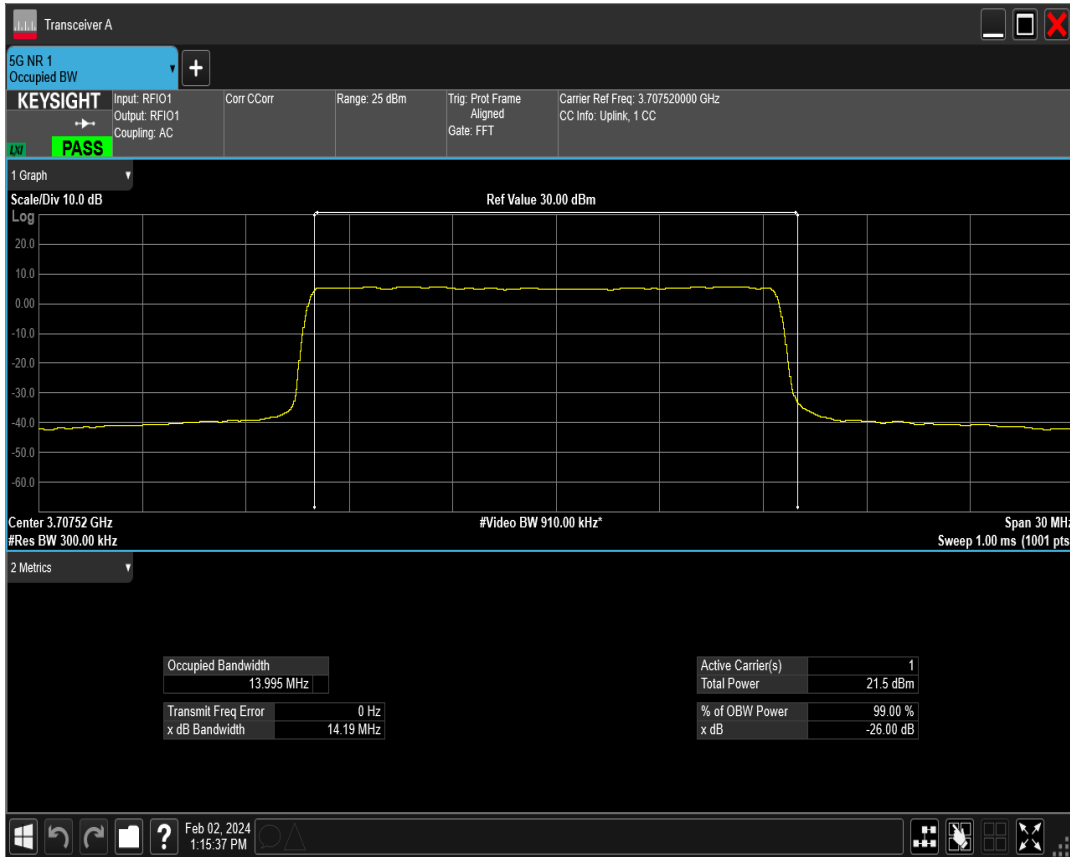
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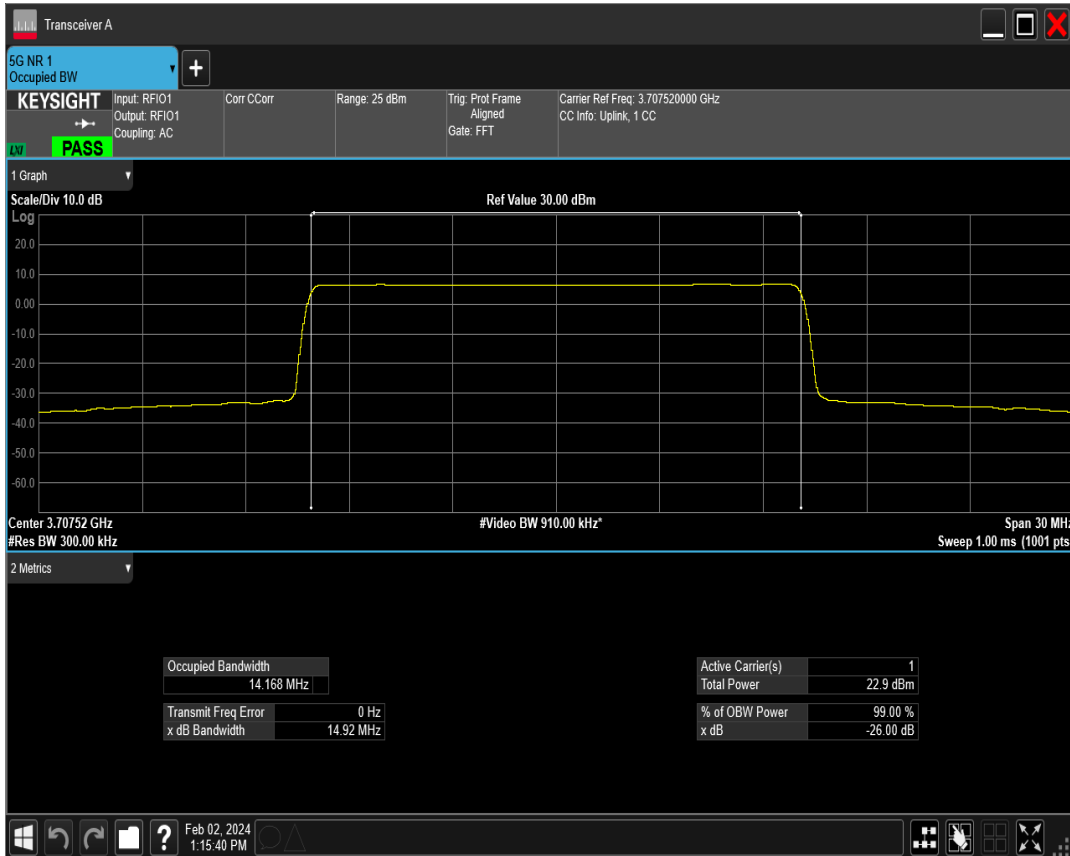
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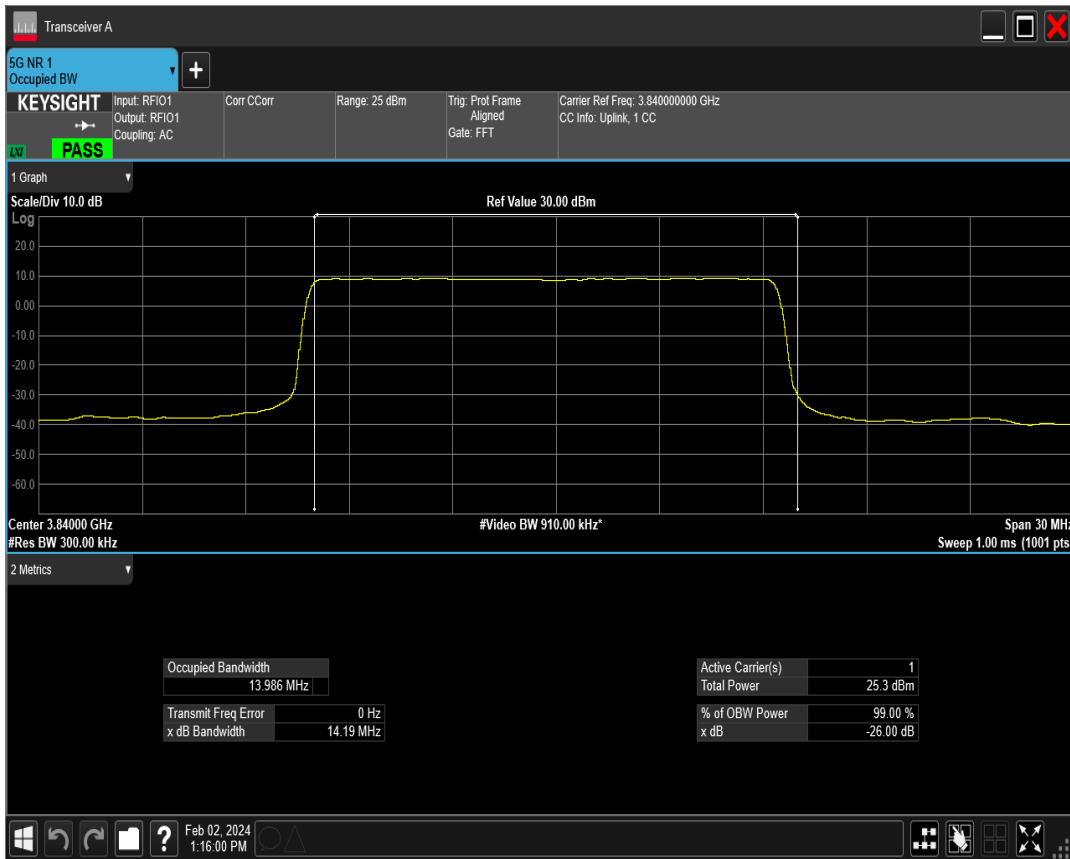
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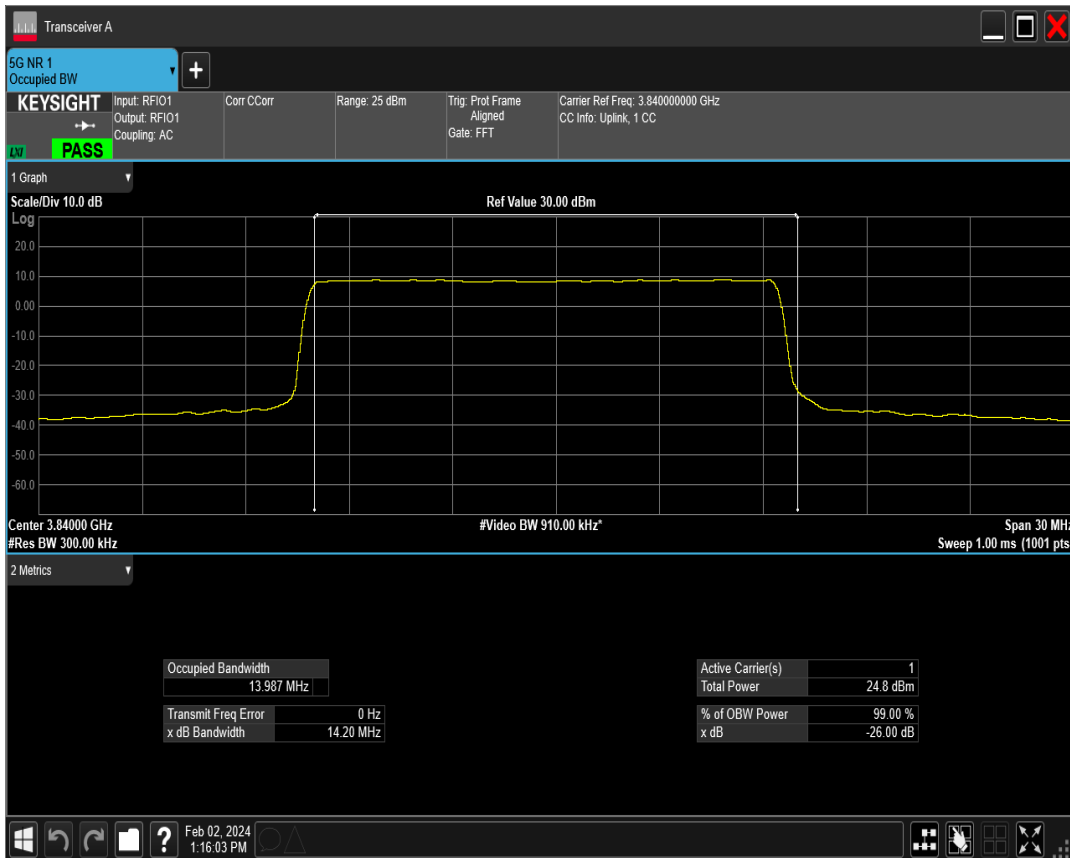
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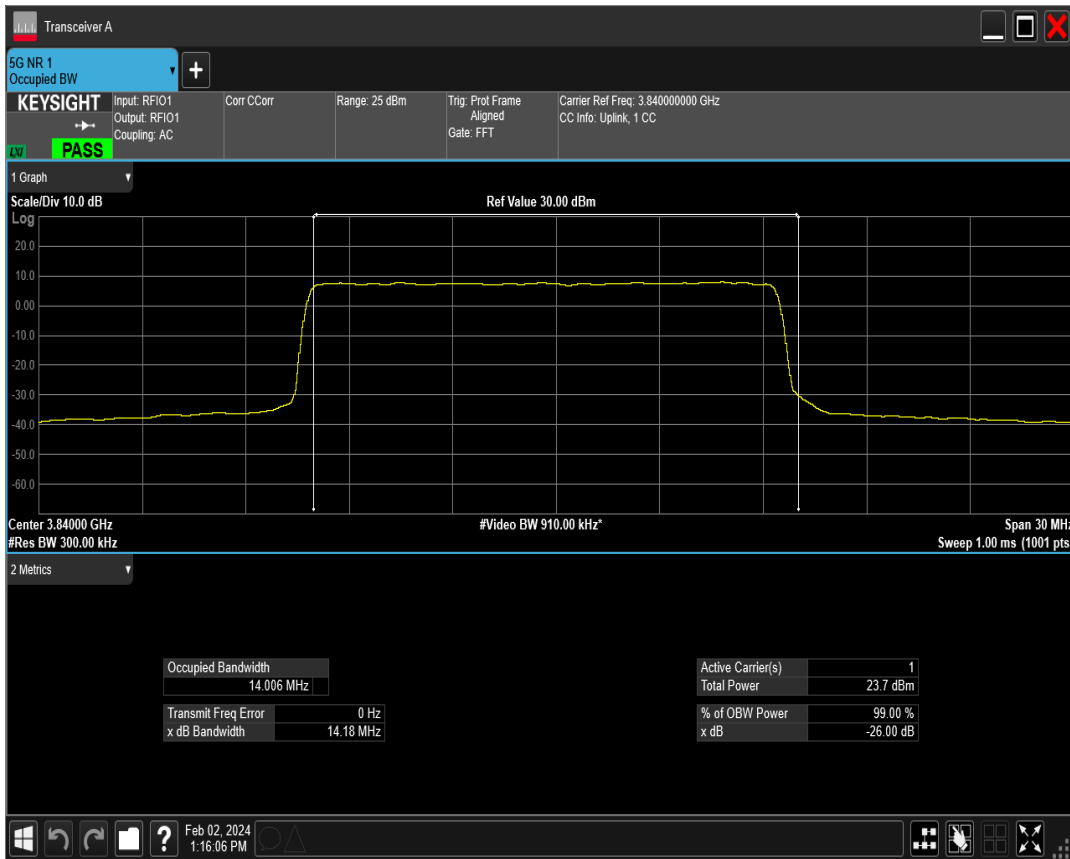
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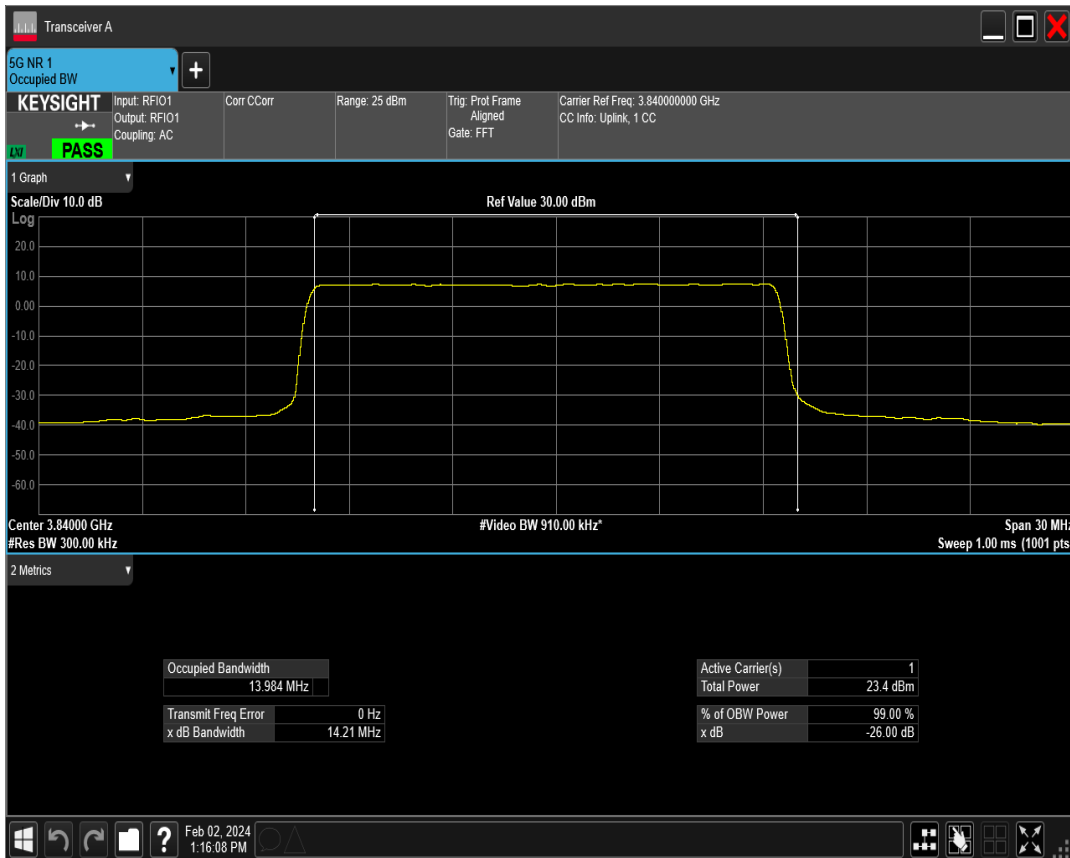
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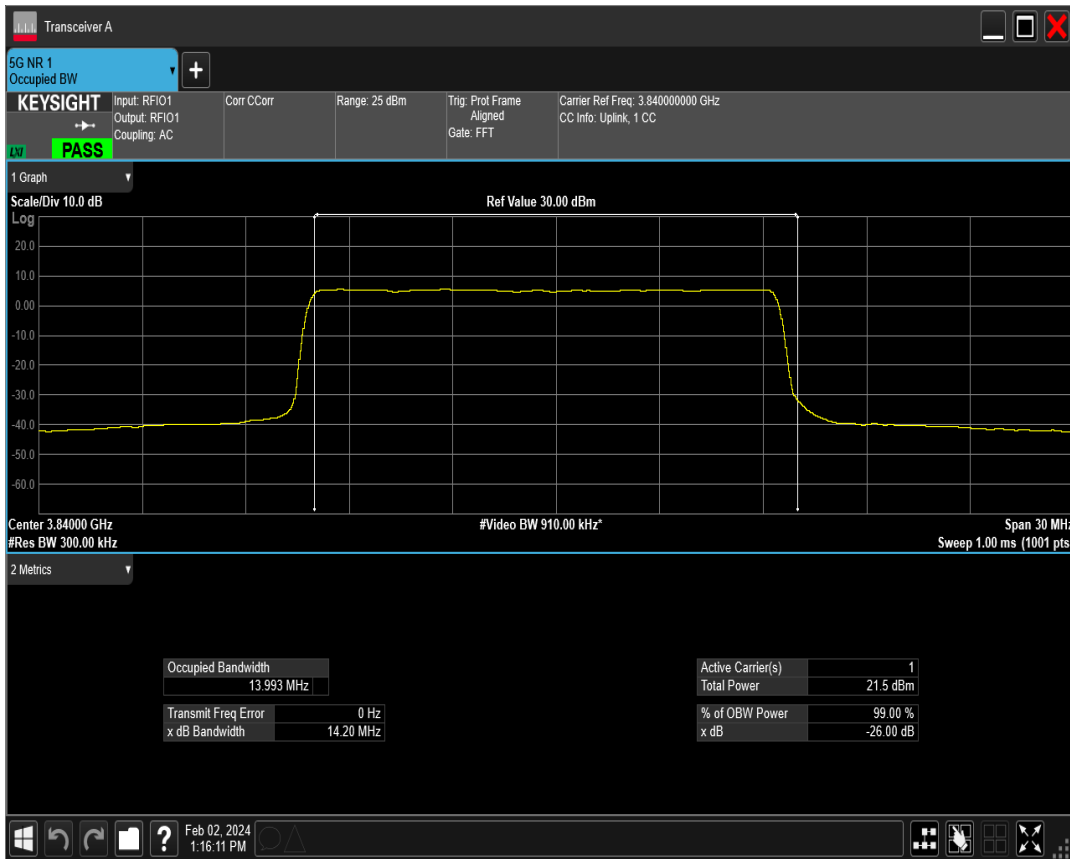
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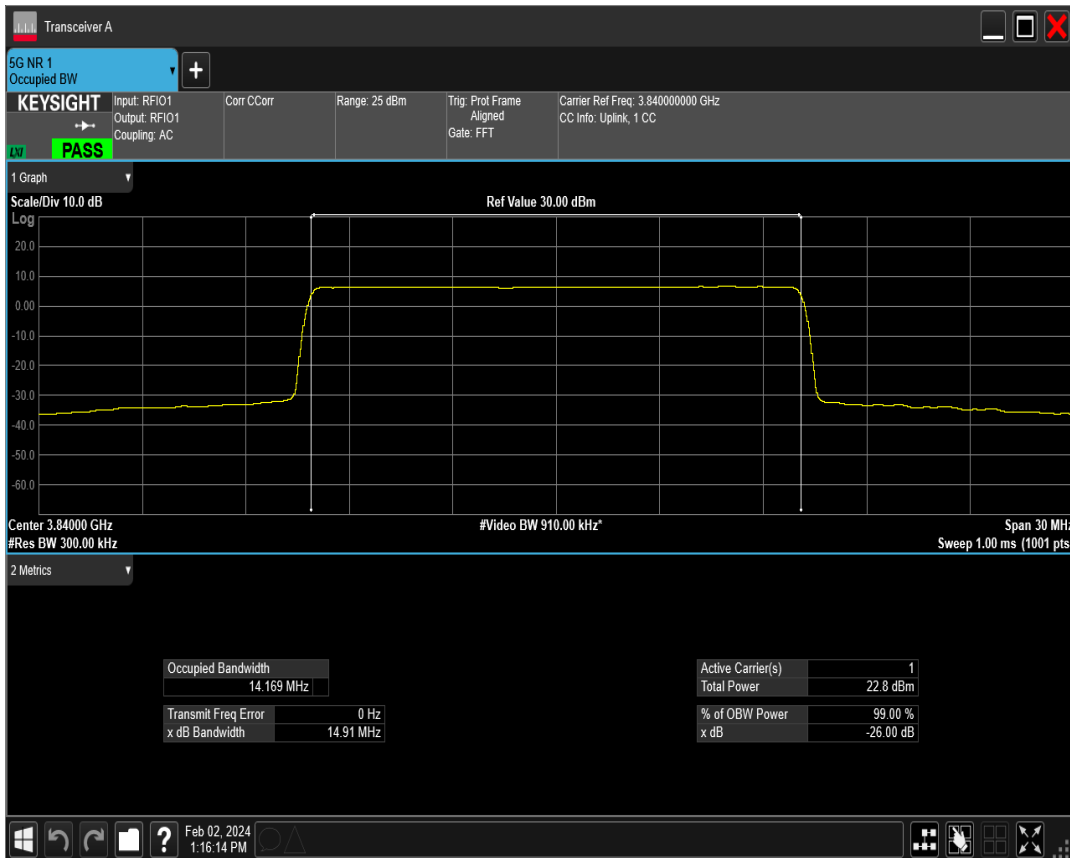
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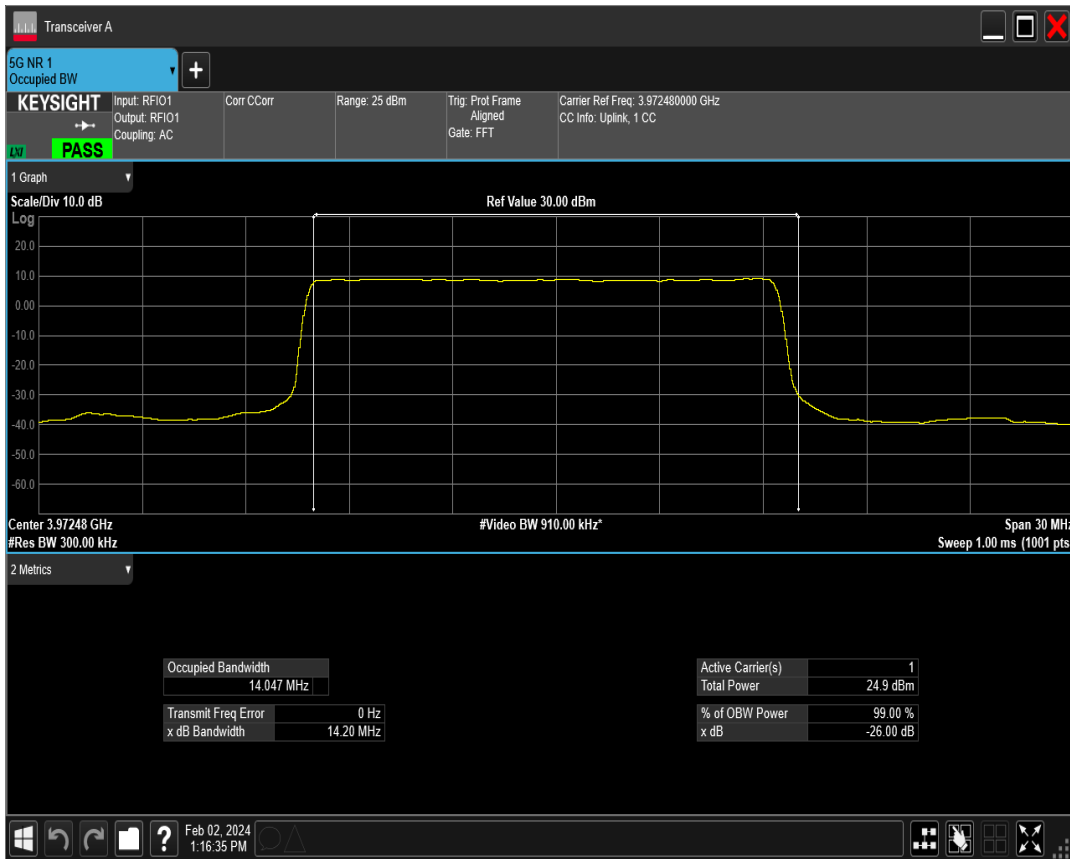
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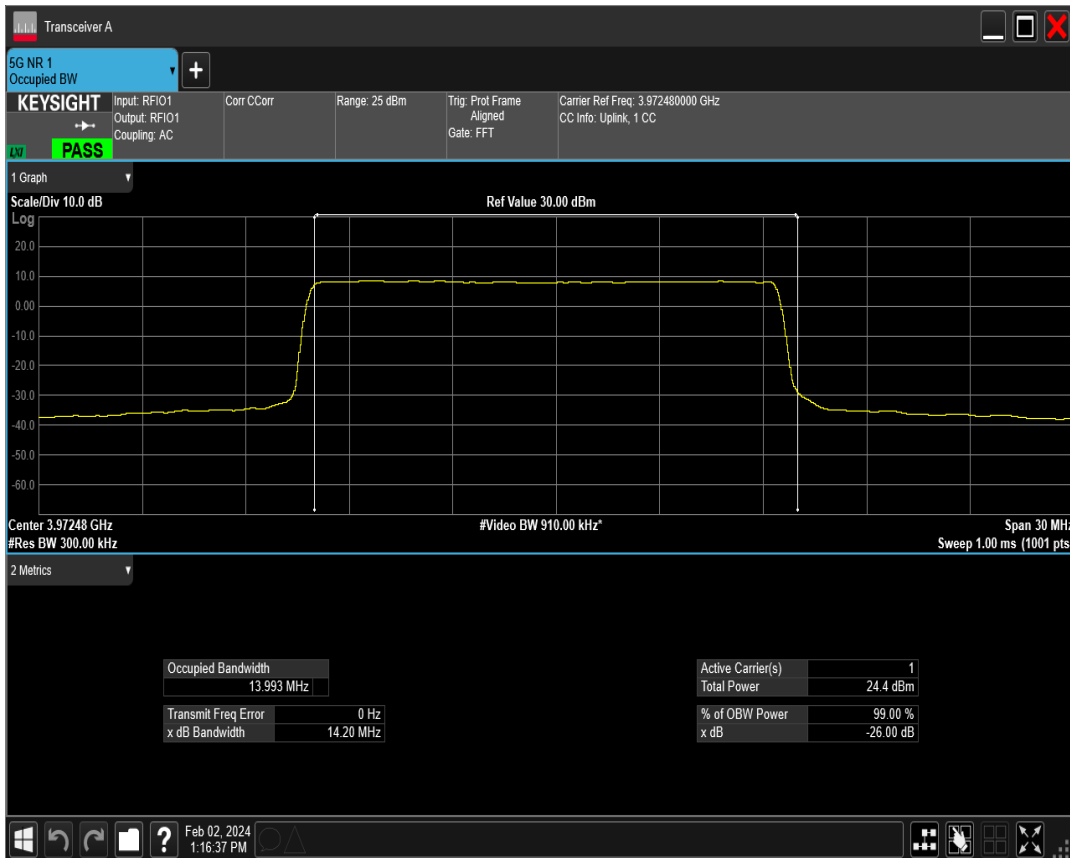
n77(3700-3980) SCS=15kHz CP\_QPSK BW=15MHz Channel=656000 RB=79@0



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

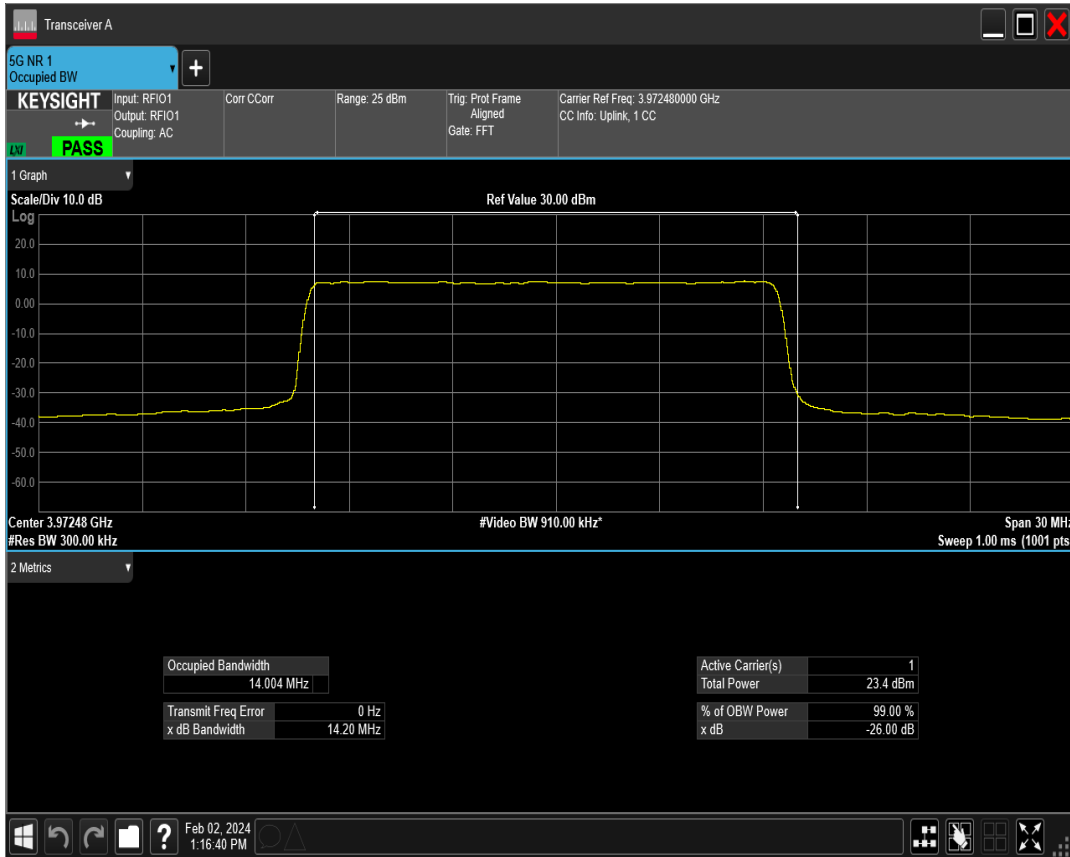


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=15MHz Channel=664832 RB=75@0

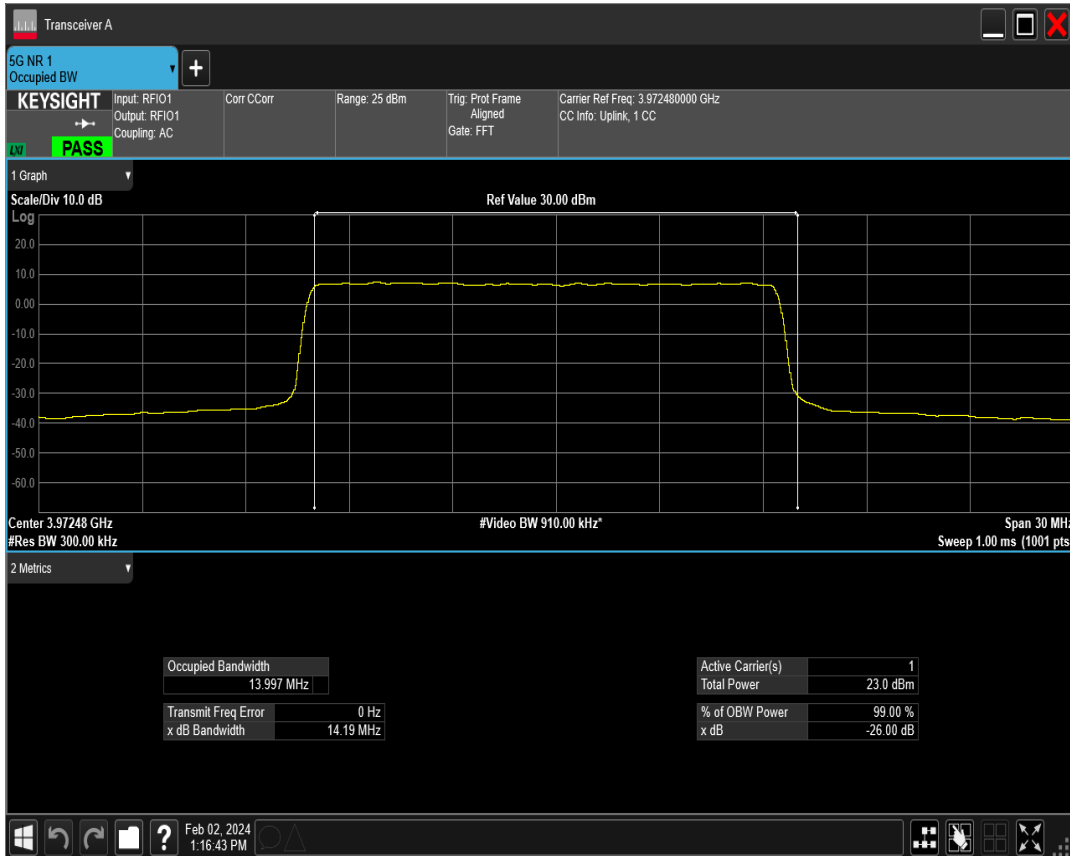




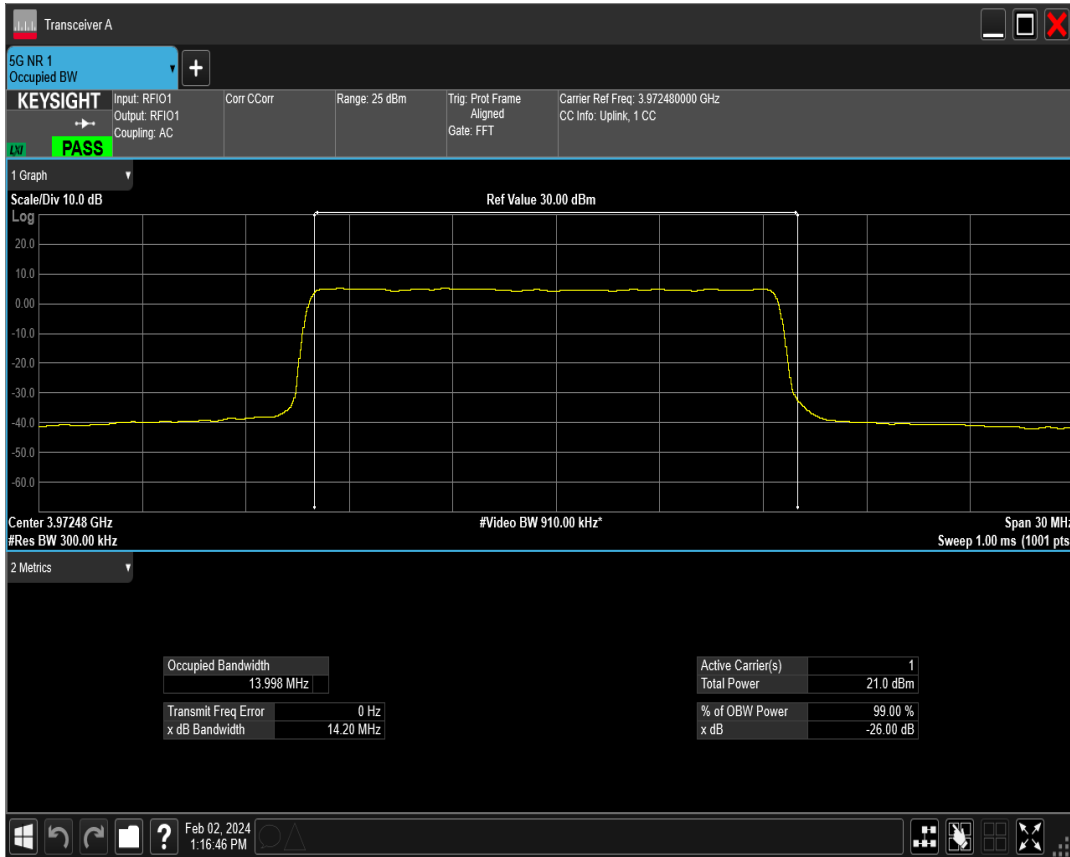
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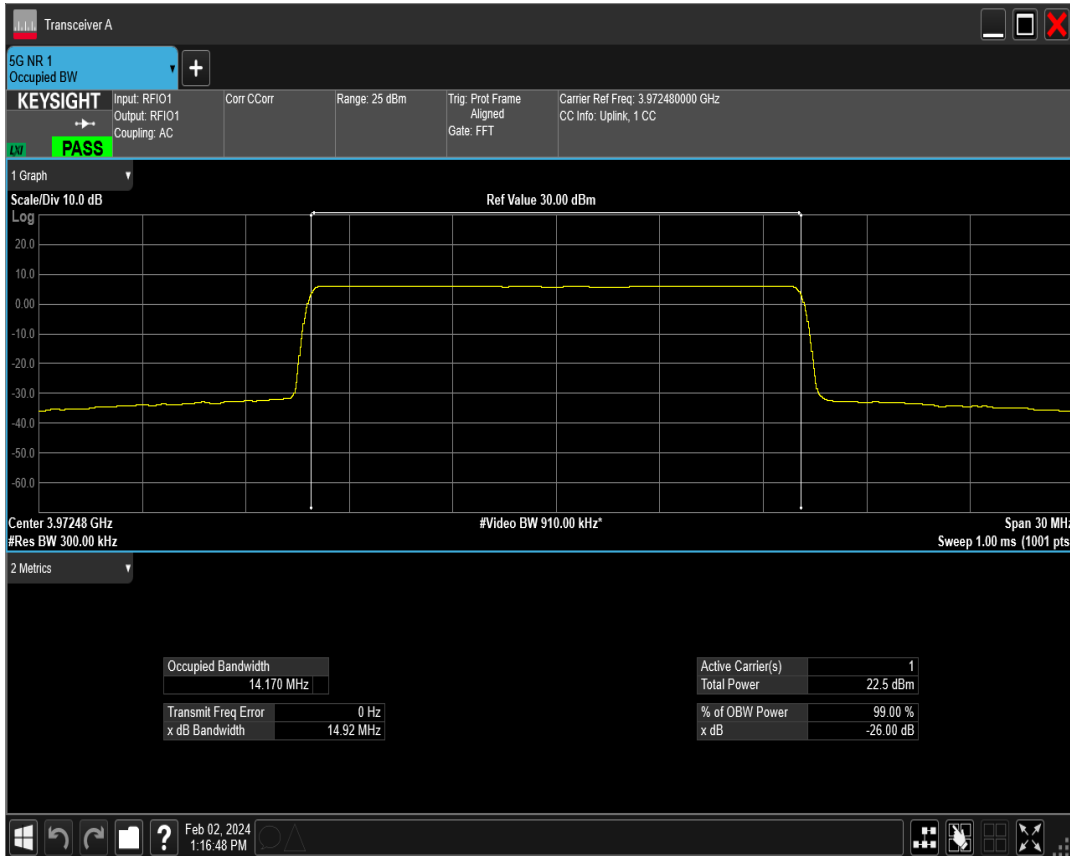
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n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=664832 RB=75@0



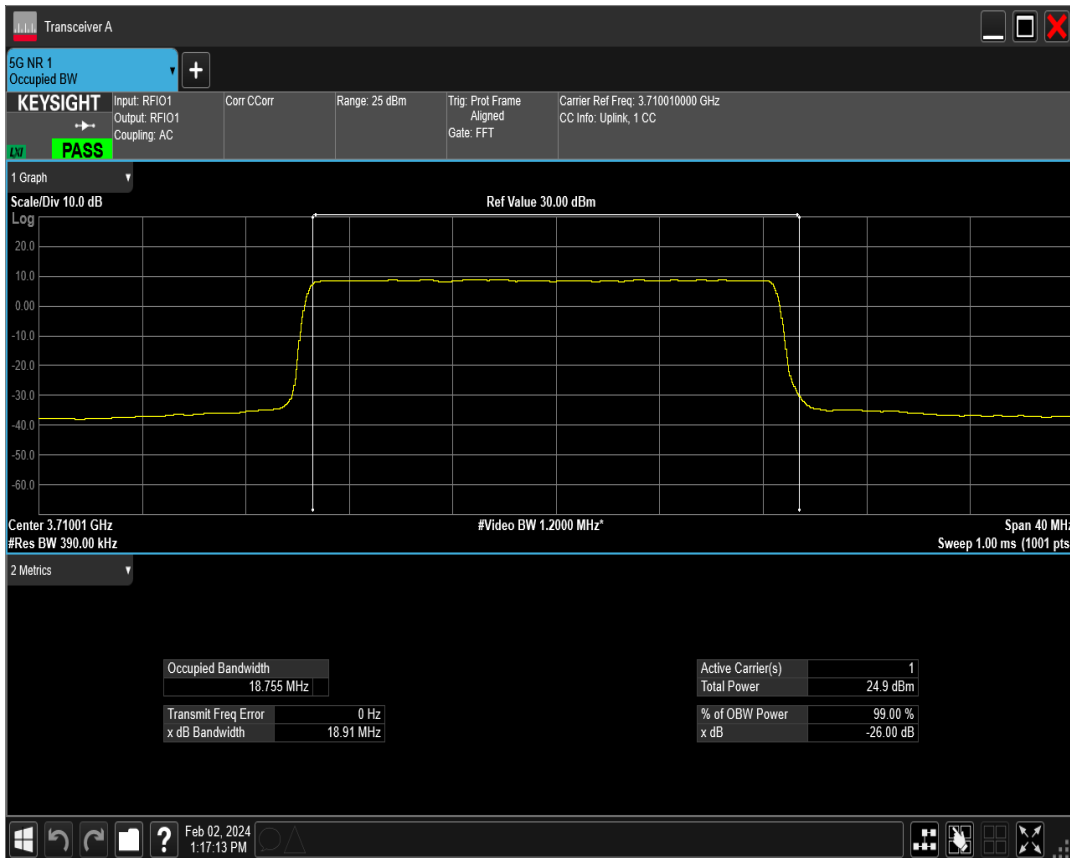
n77(3700-3980) SCS=15kHz CP\_QPSK BW=15MHz Channel=664832 RB=79@0



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



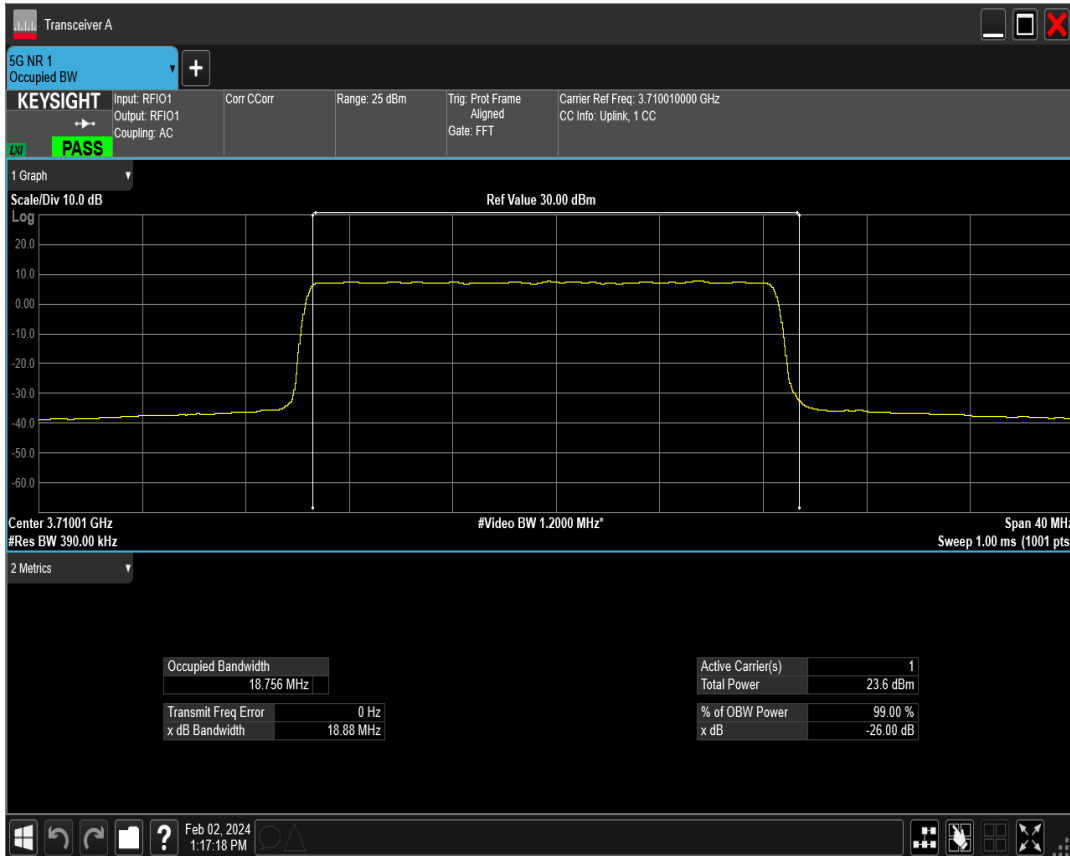
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=100@0



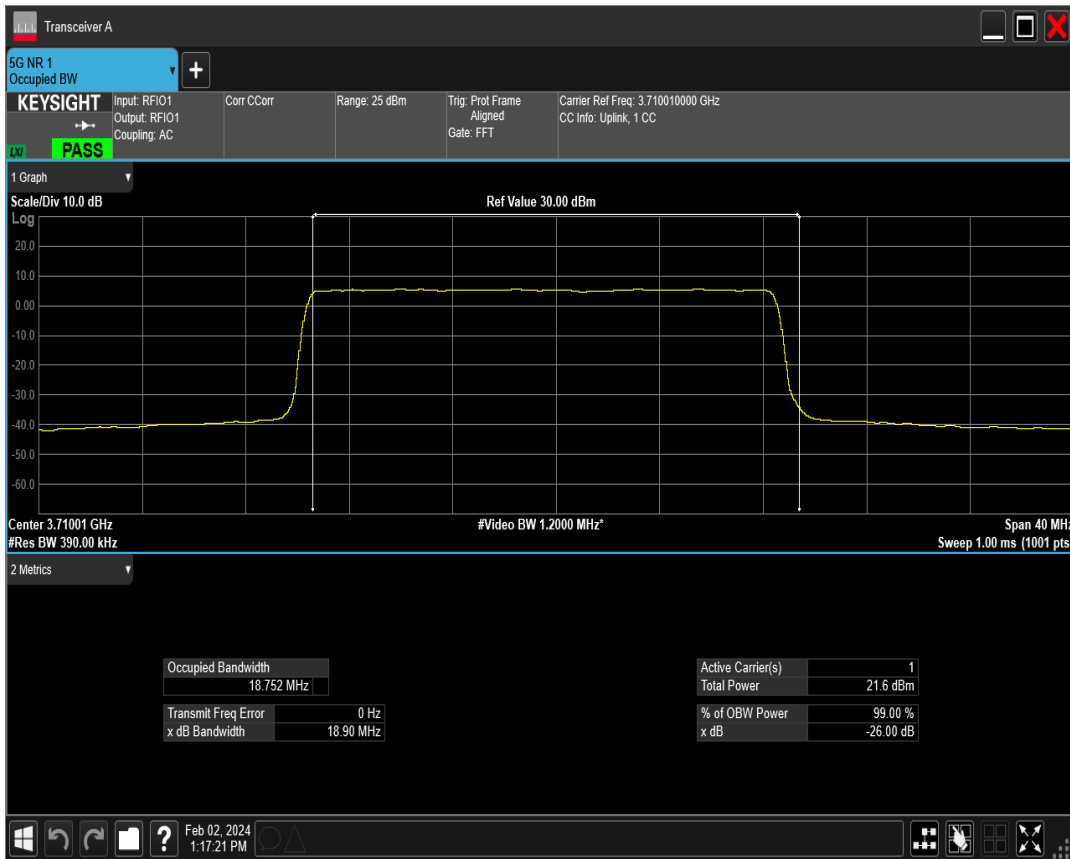
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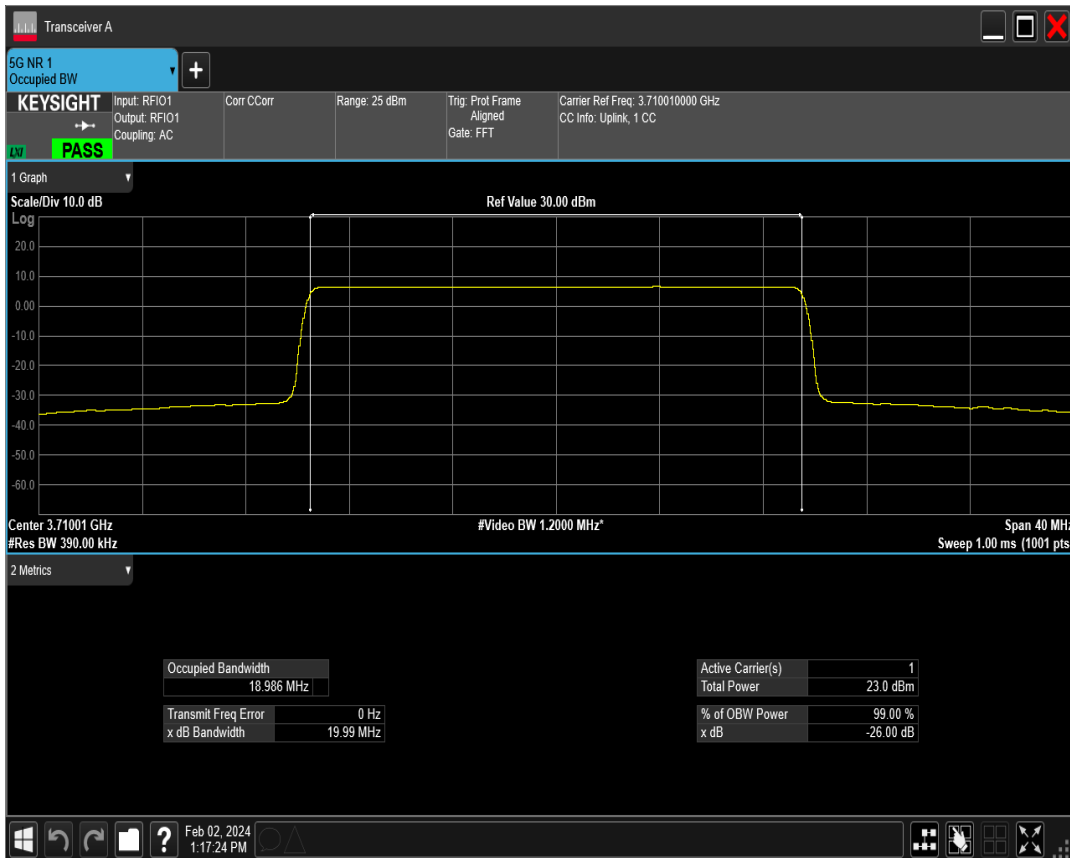
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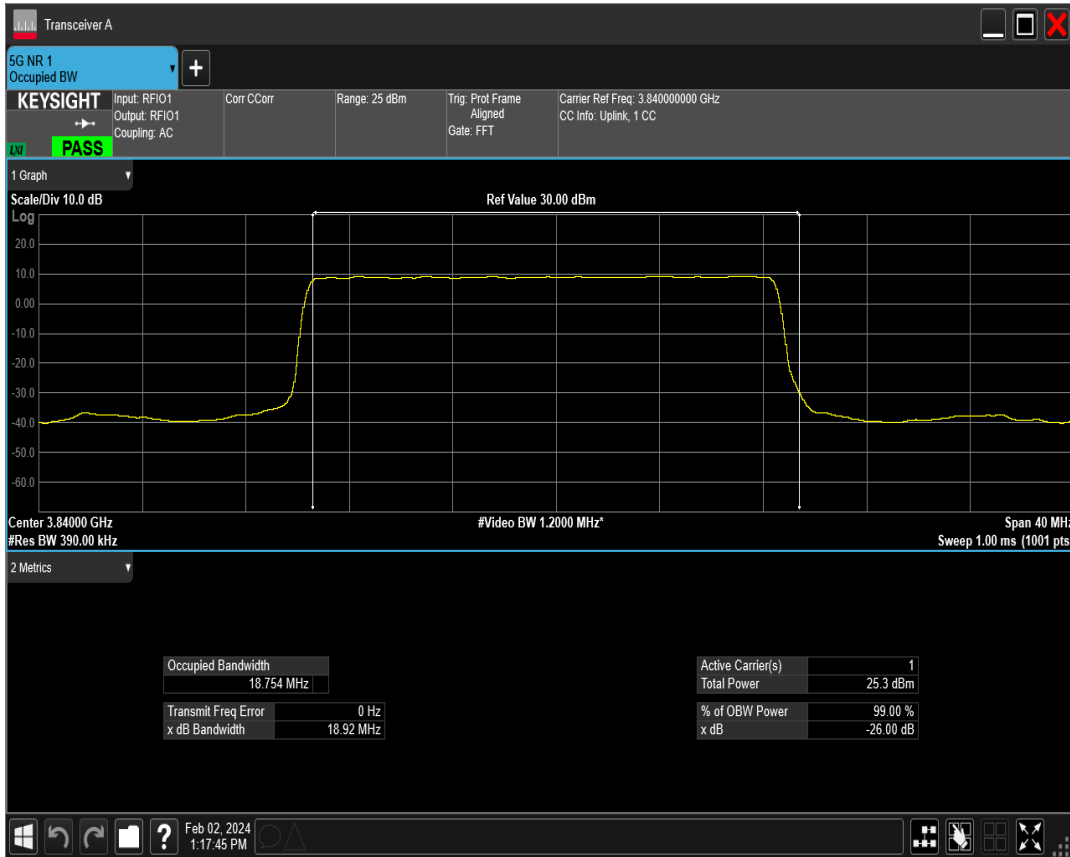
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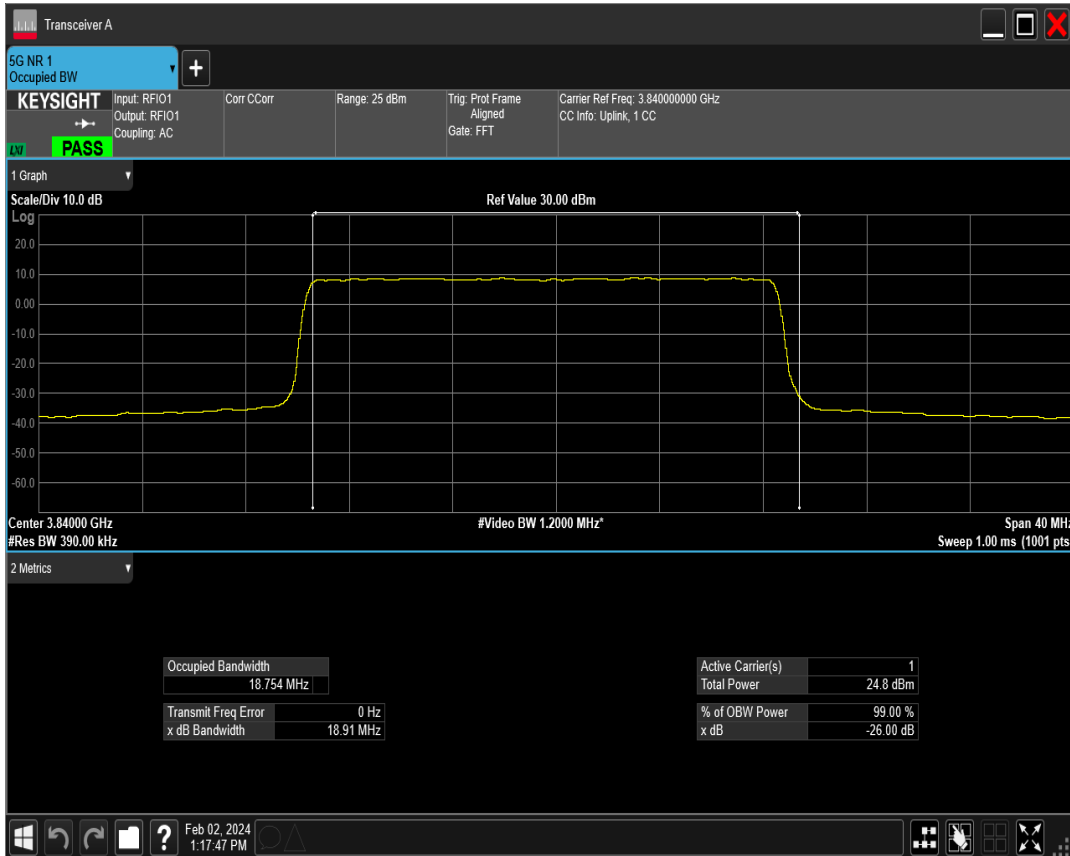
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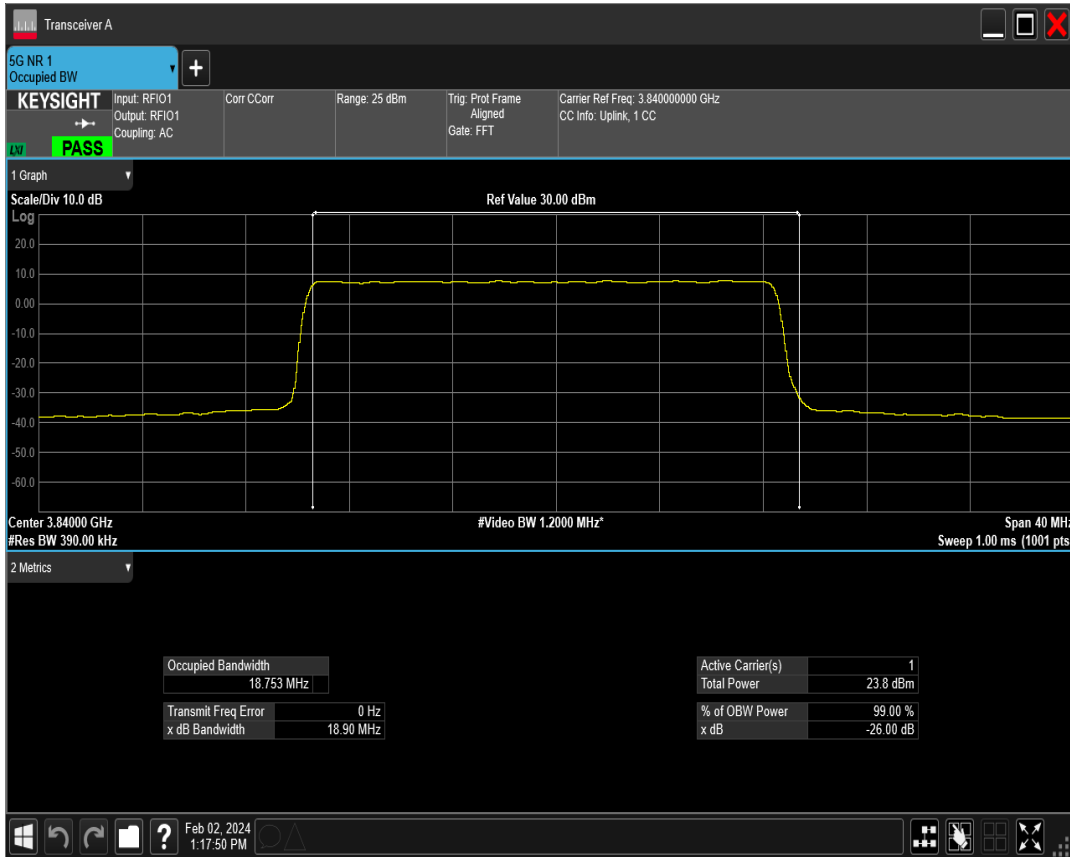
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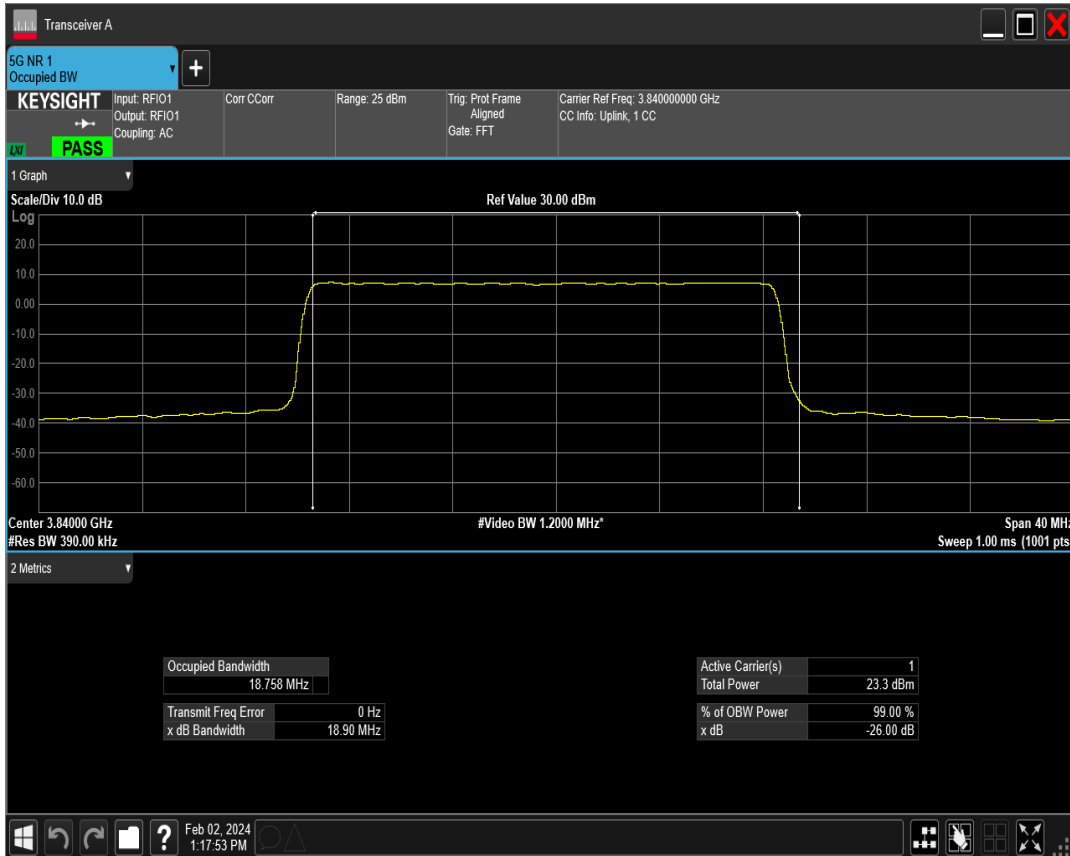
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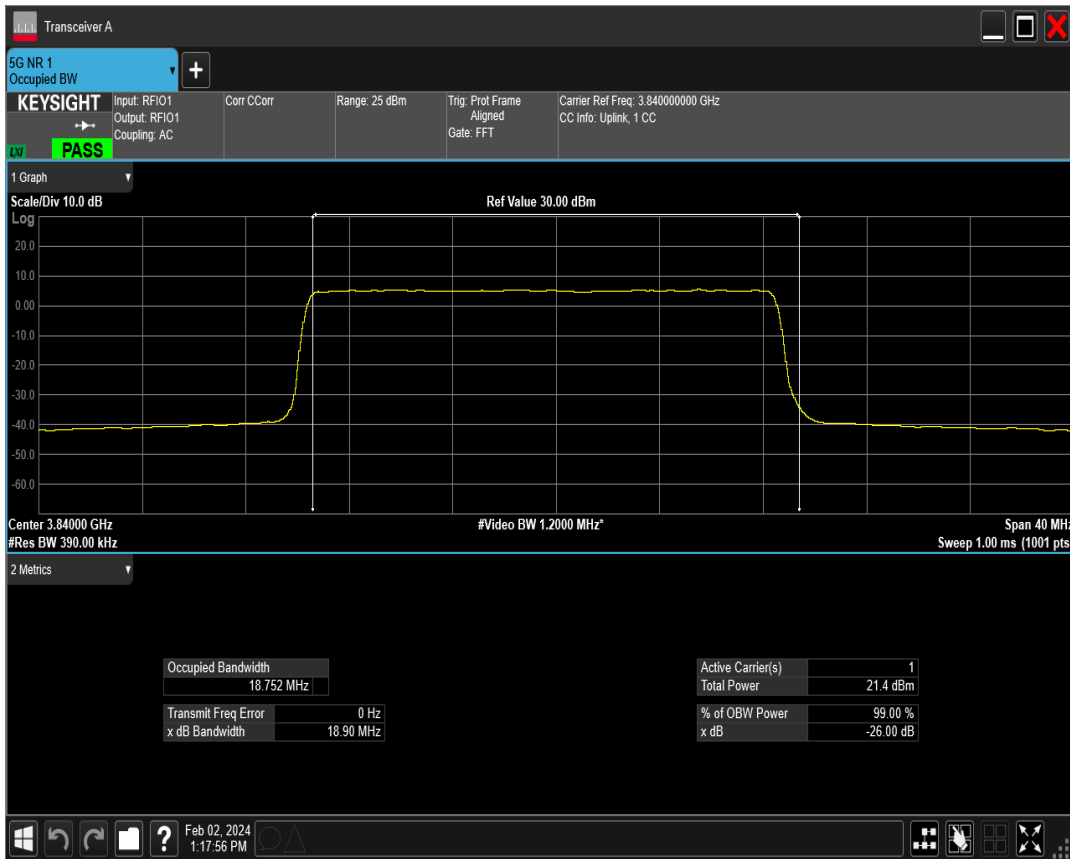
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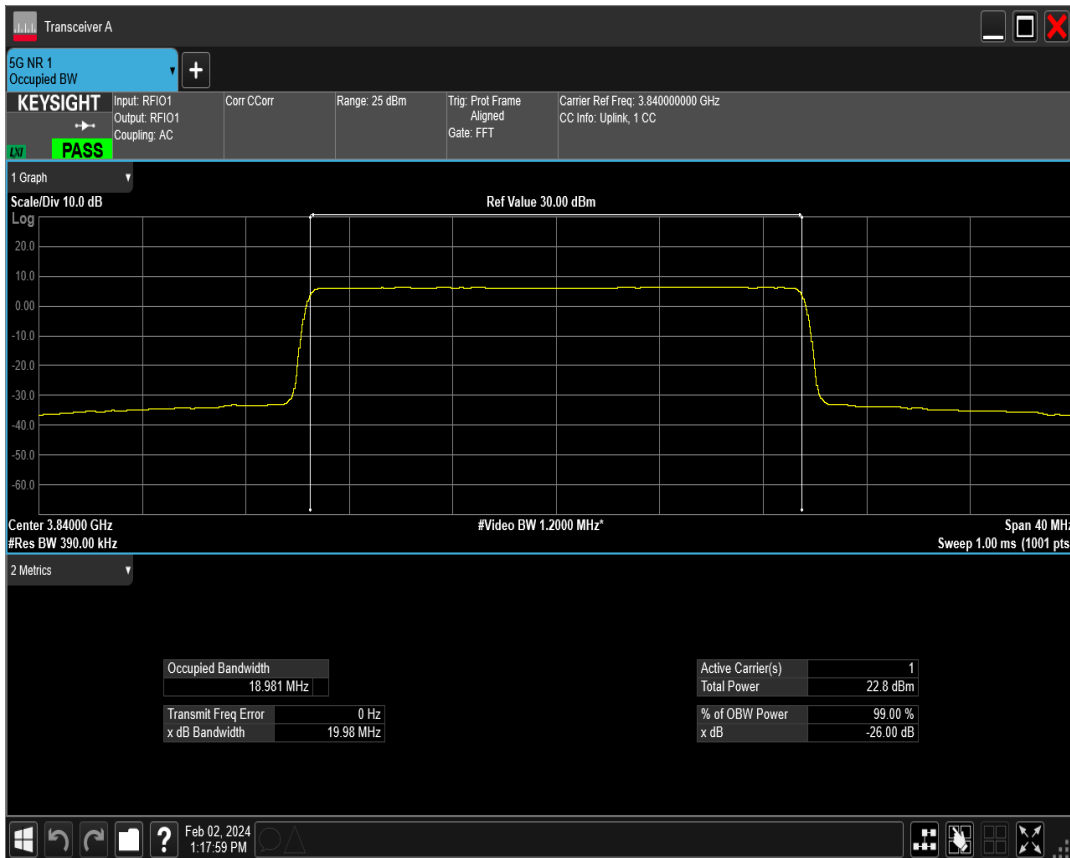
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=656000 RB=100@0



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

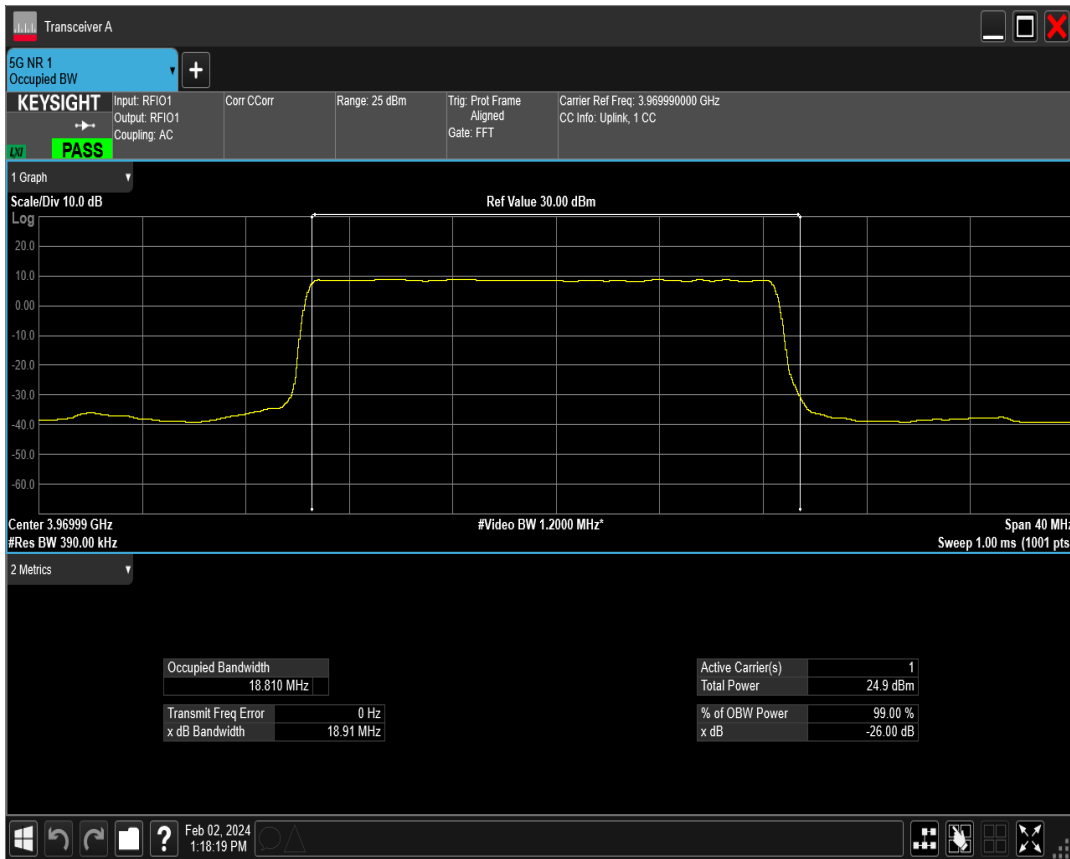


n77(3700-3980) SCS=15kHz CP\_QPSK BW=20MHz Channel=656000 RB=106@0

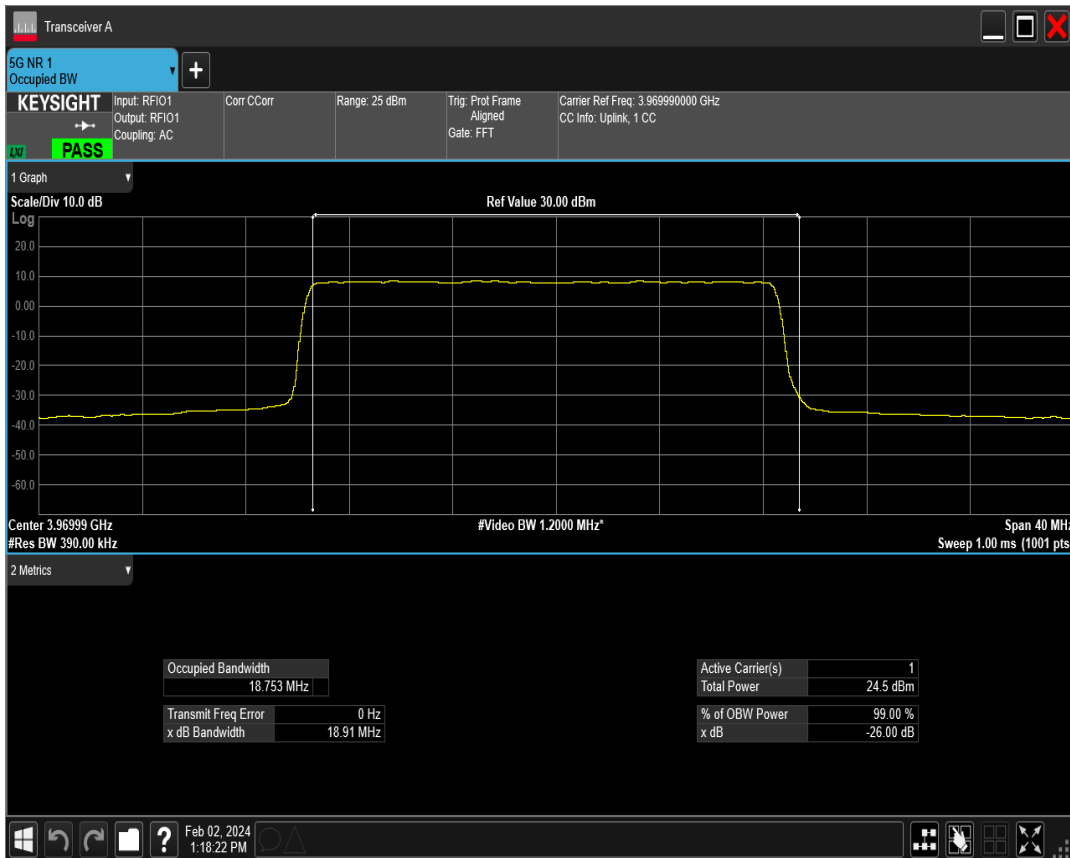




n77(3700-3980) SCS=15kHz DFT\_BPSK BW=20MHz Channel=664666 RB=100@0



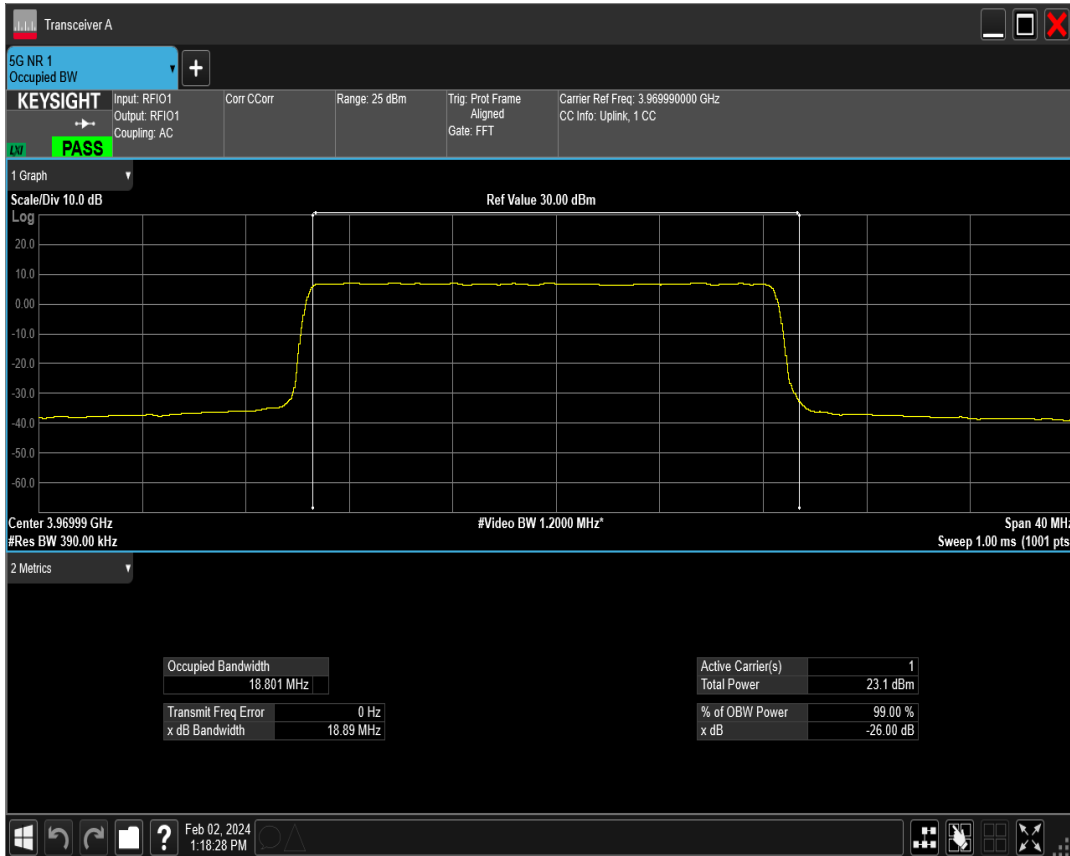
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=20MHz Channel=664666 RB=100@0



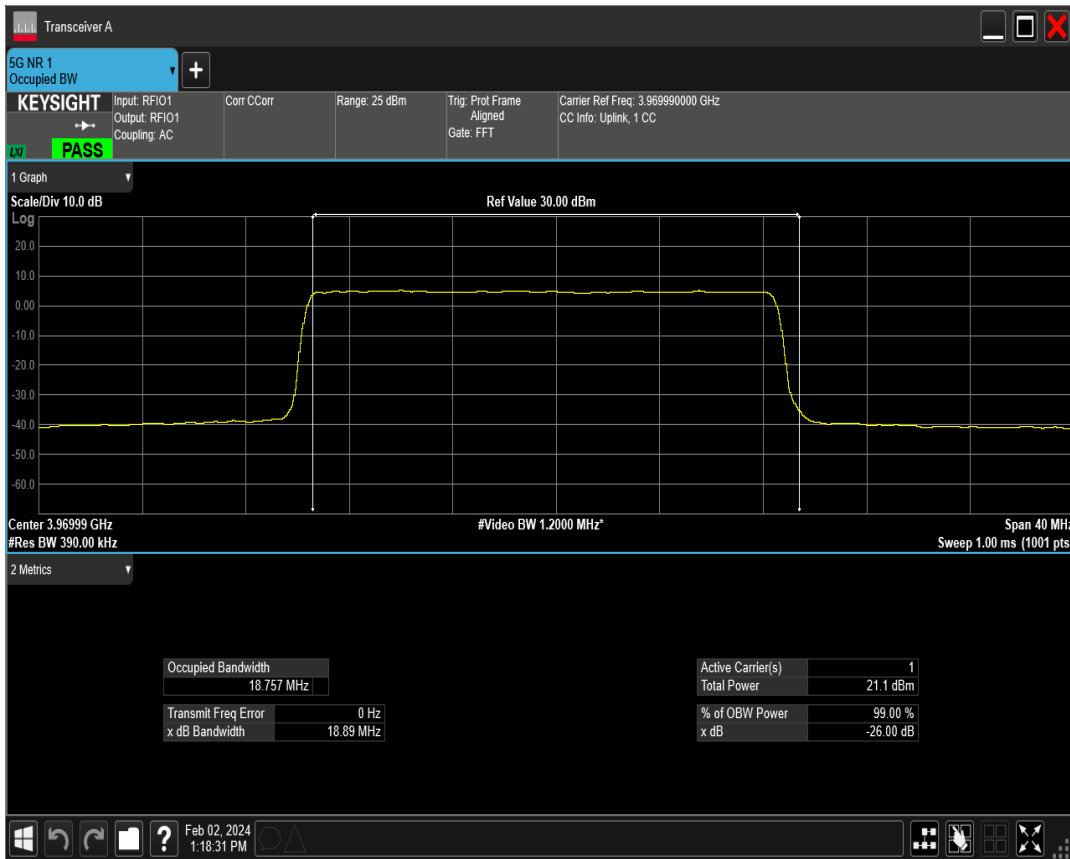
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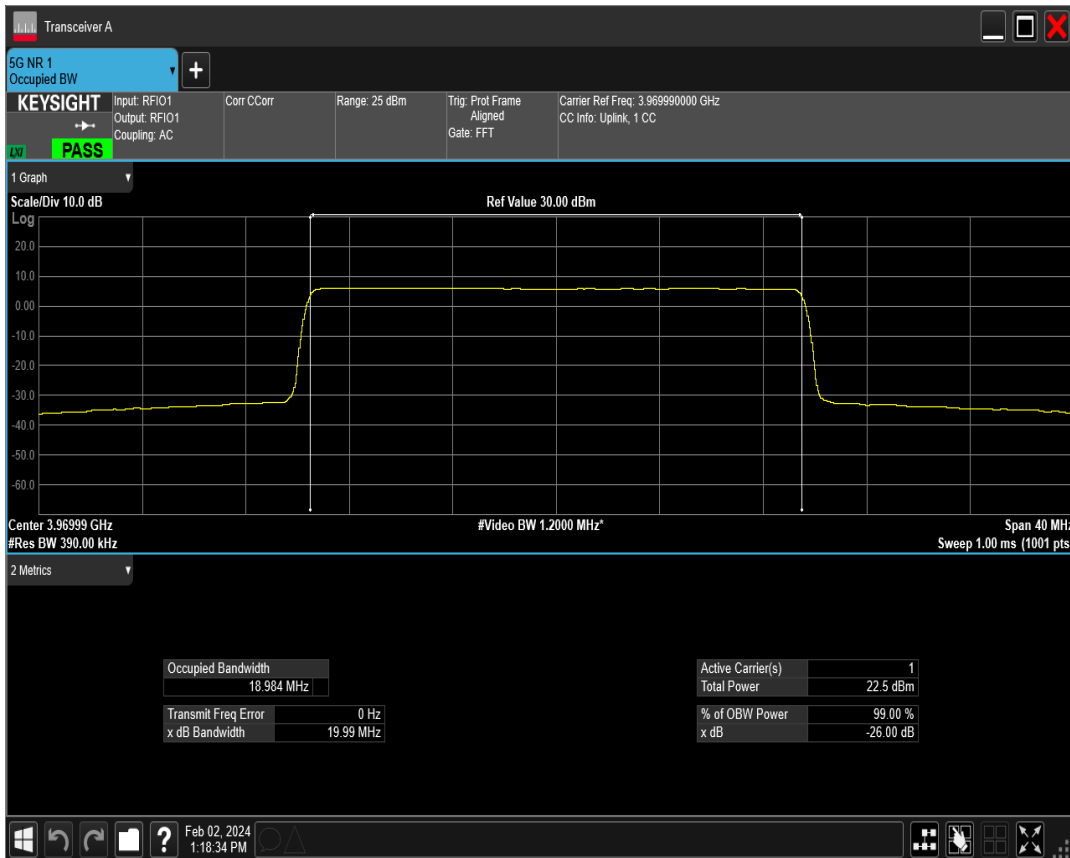
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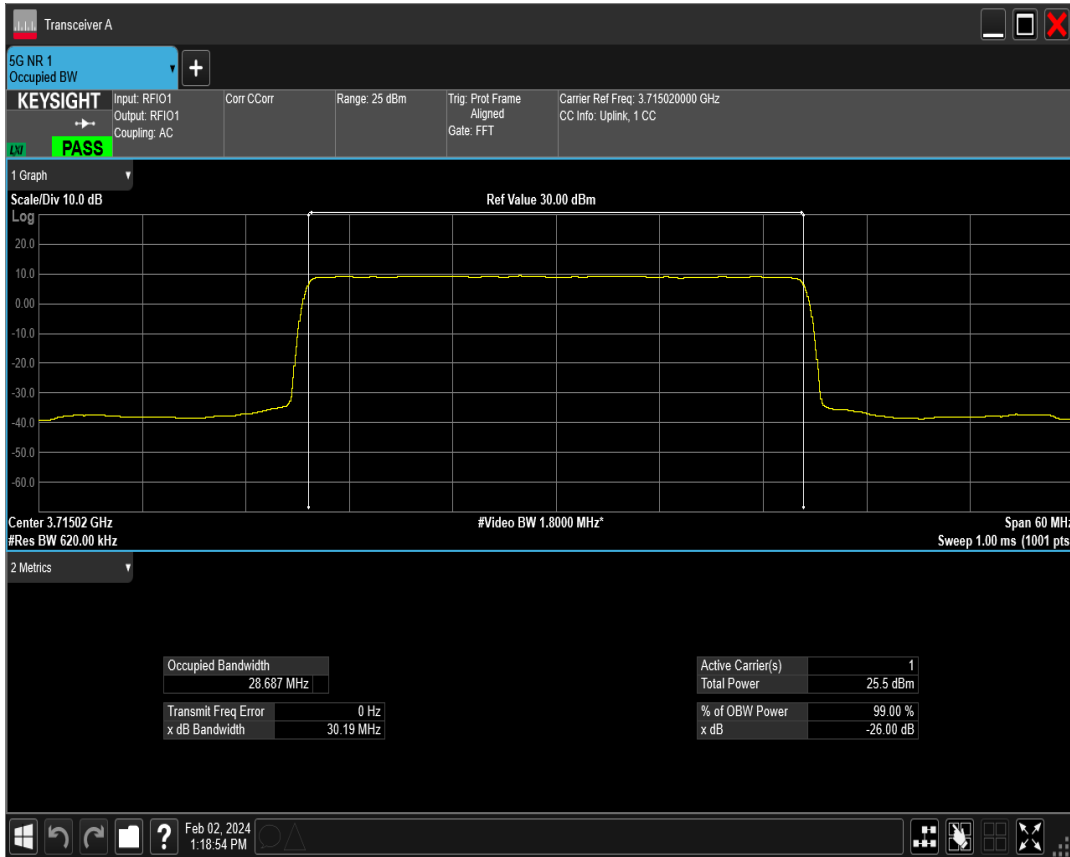
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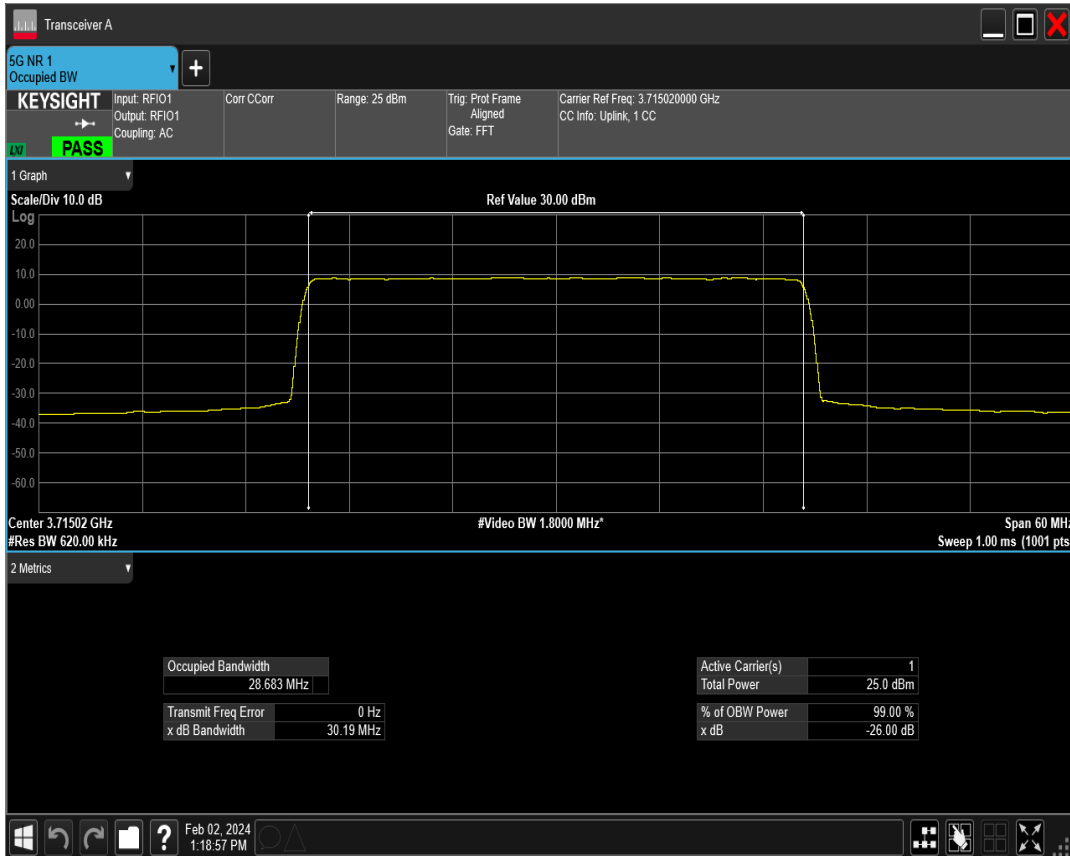
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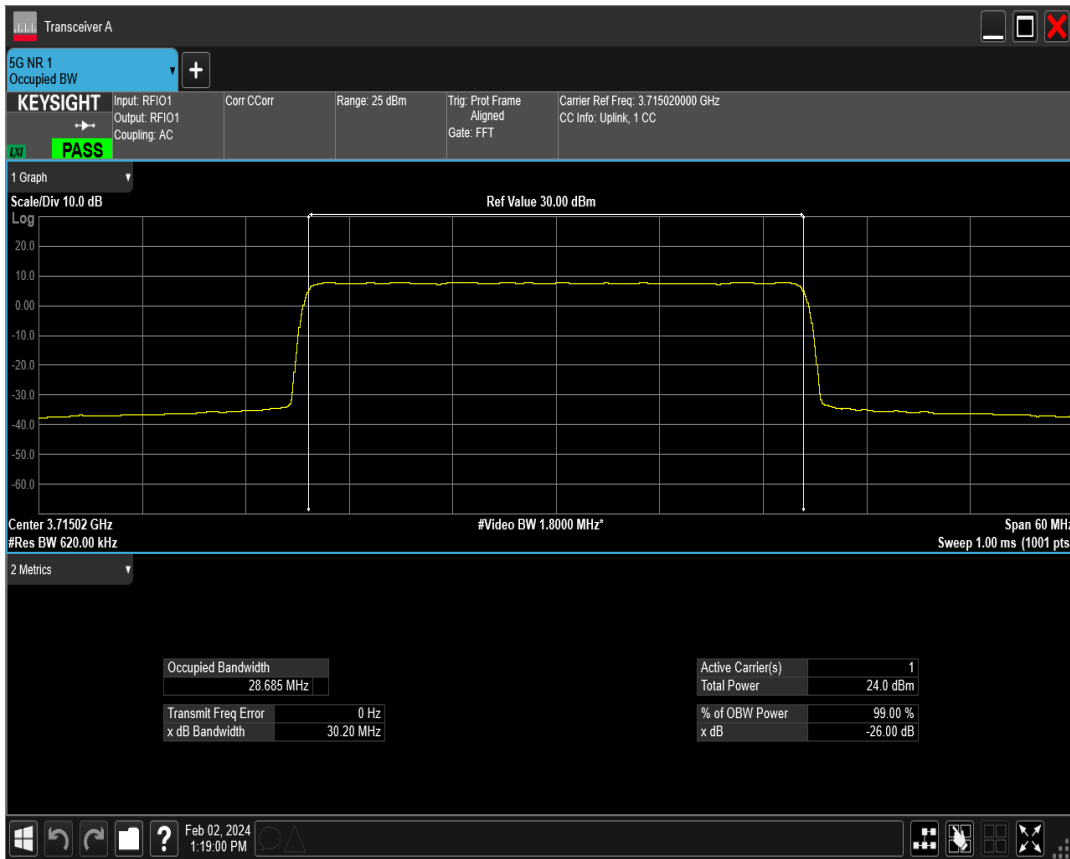
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=30MHz Channel=647668 RB=160@0



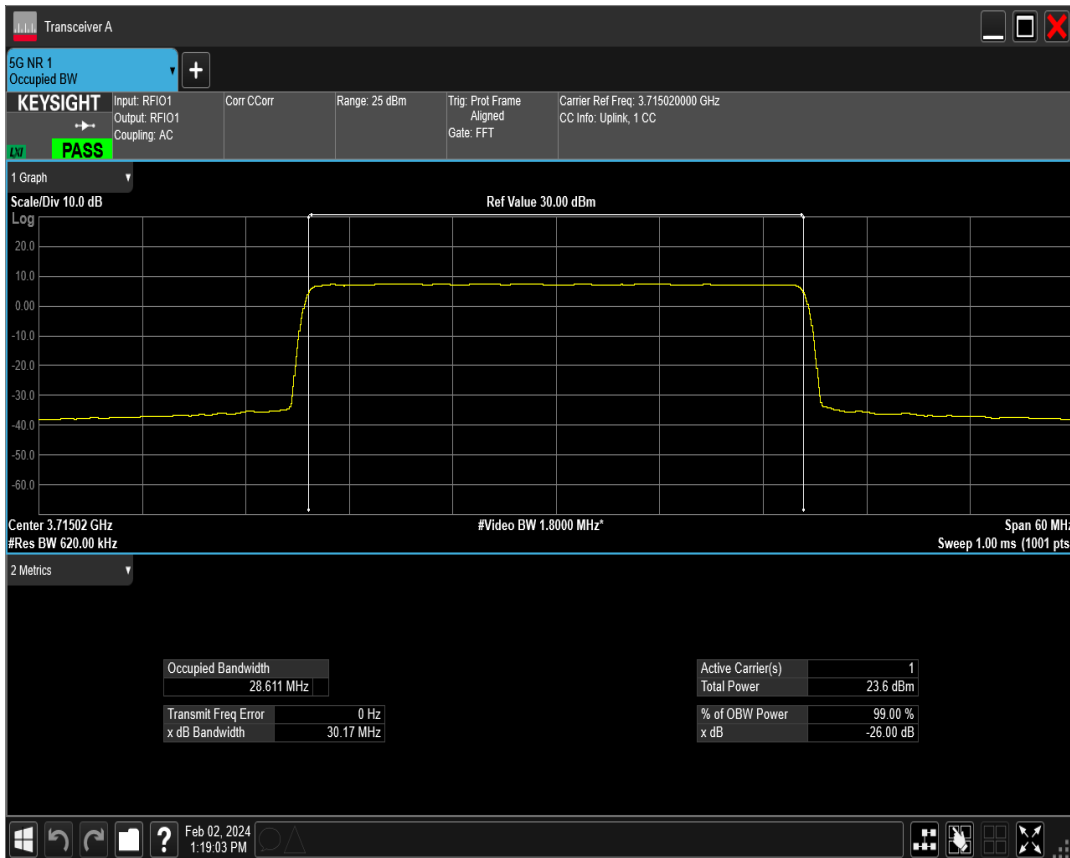
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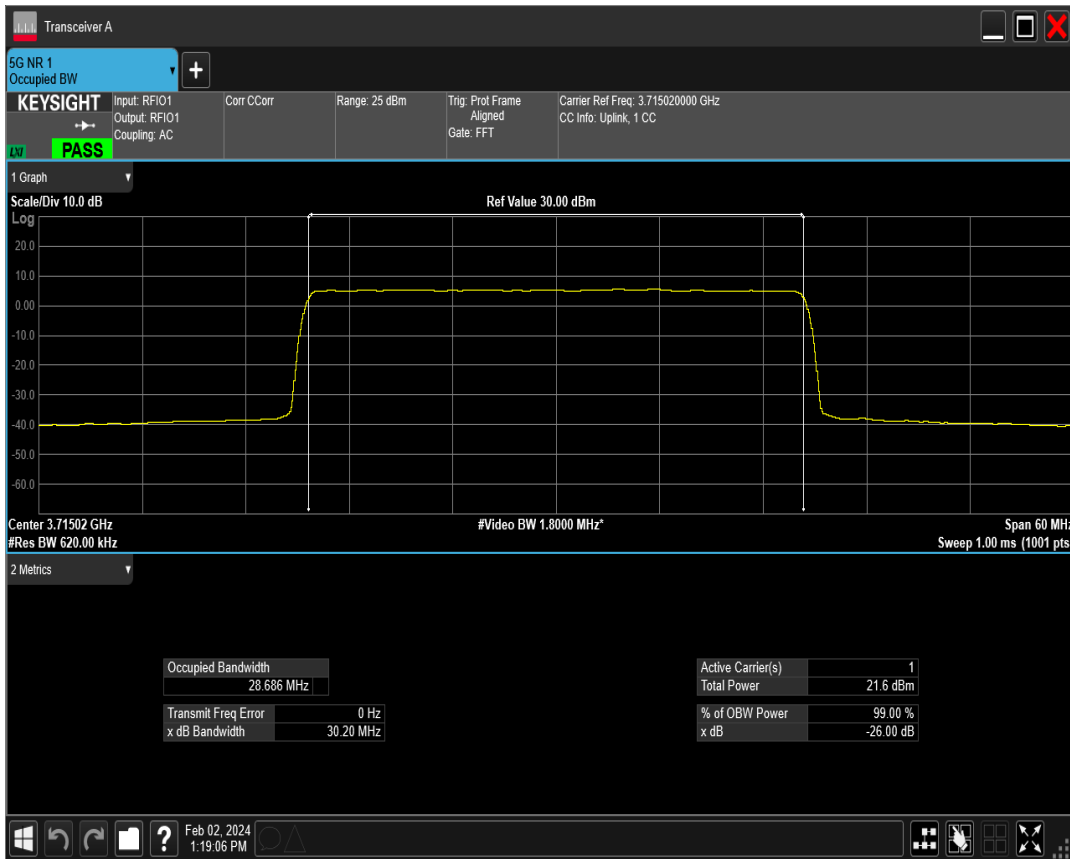
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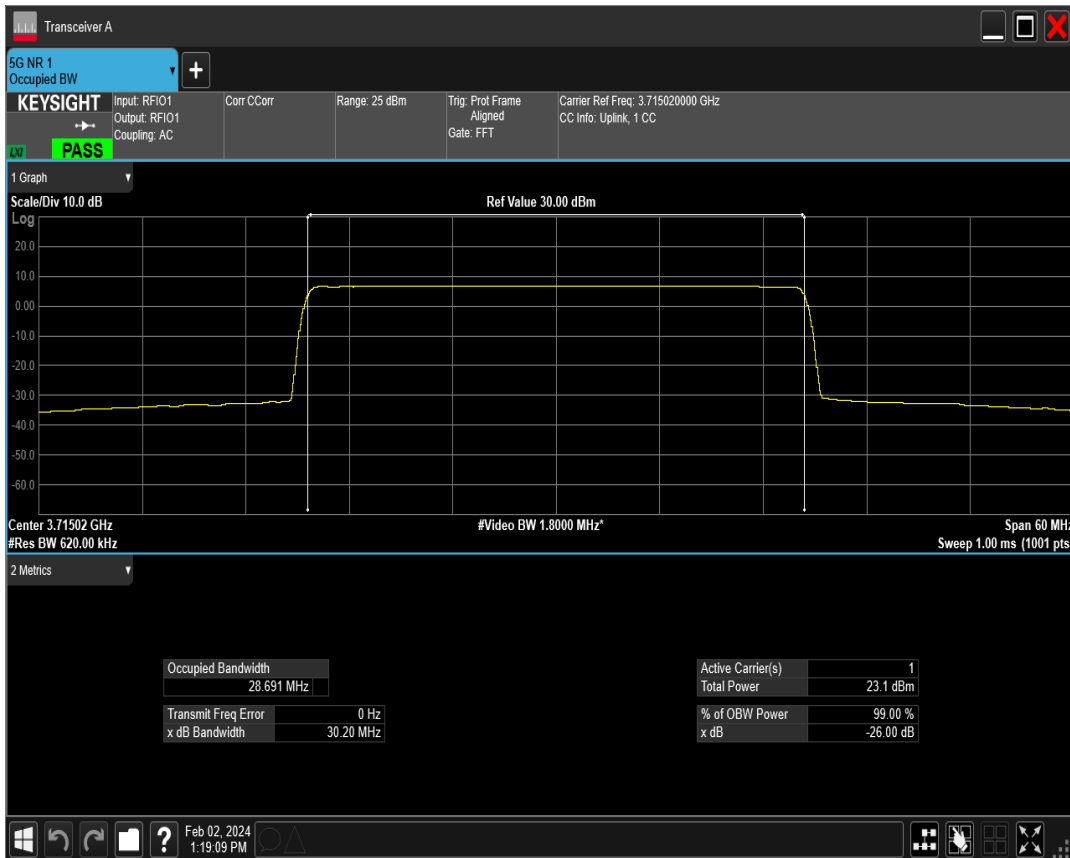
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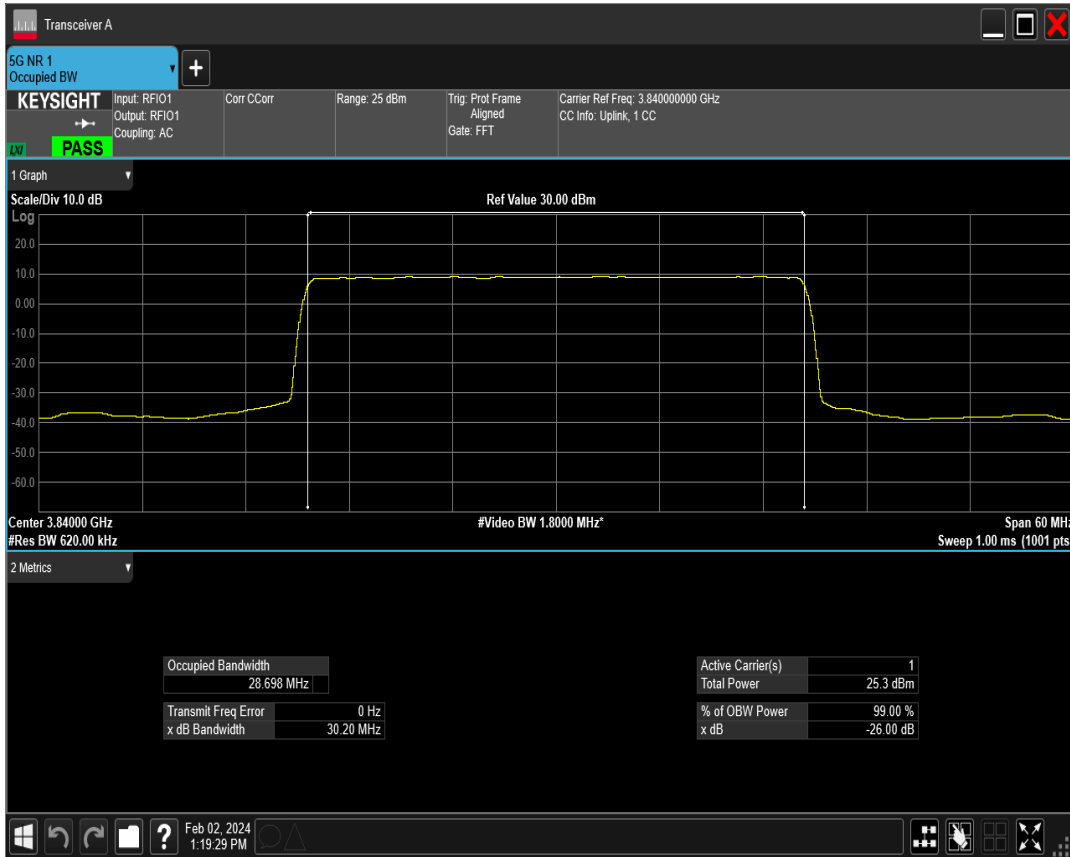
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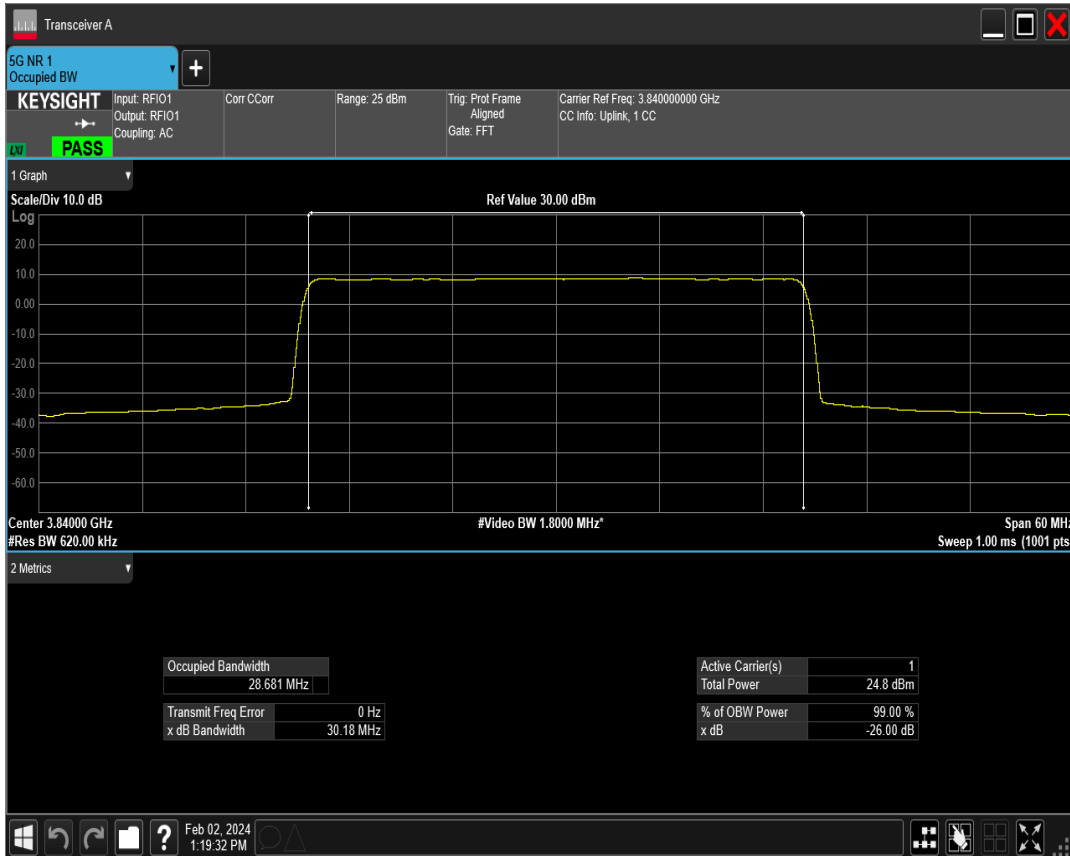
n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=647668 RB=160@0



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



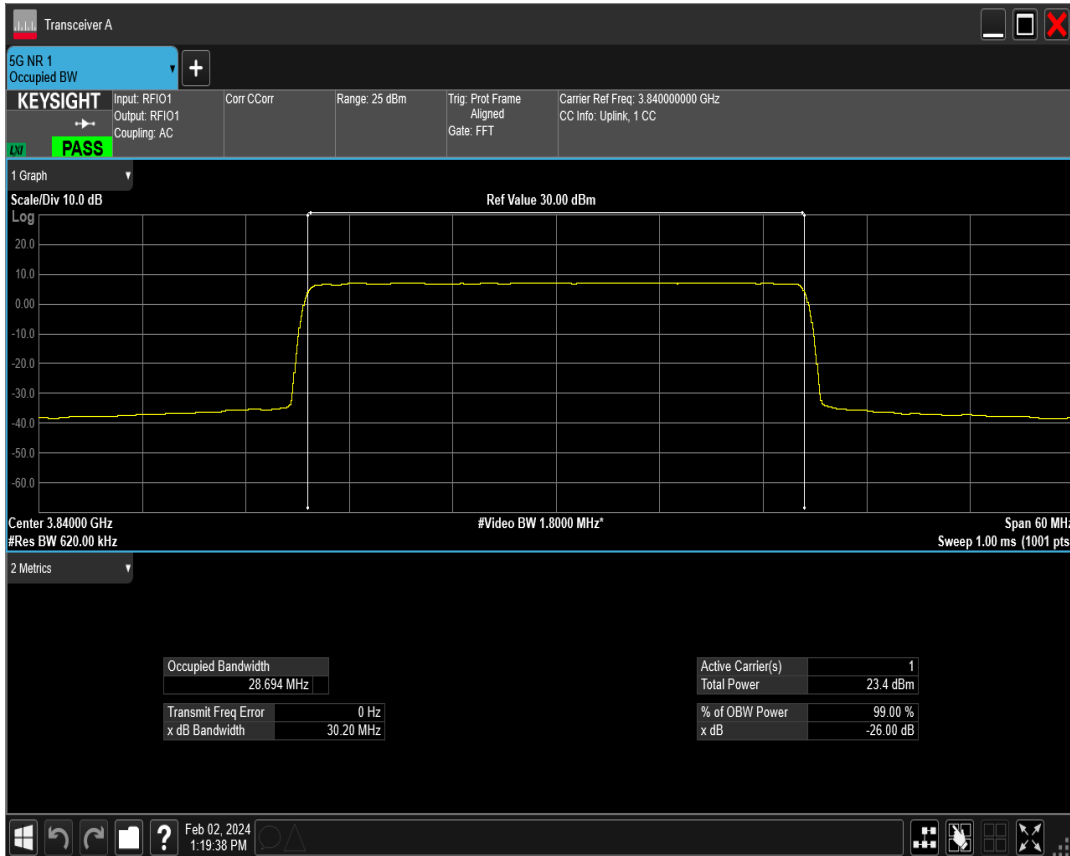
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=30MHz Channel=656000 RB=160@0



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

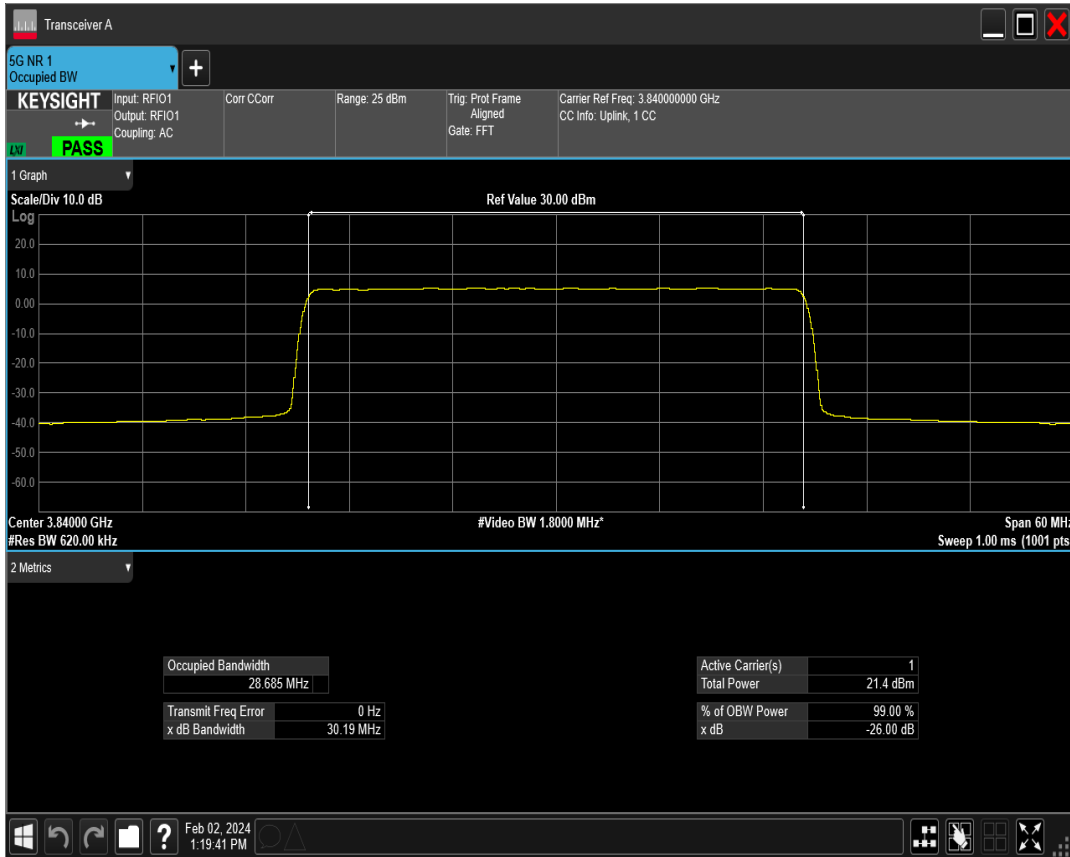


n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=656000 RB=160@0

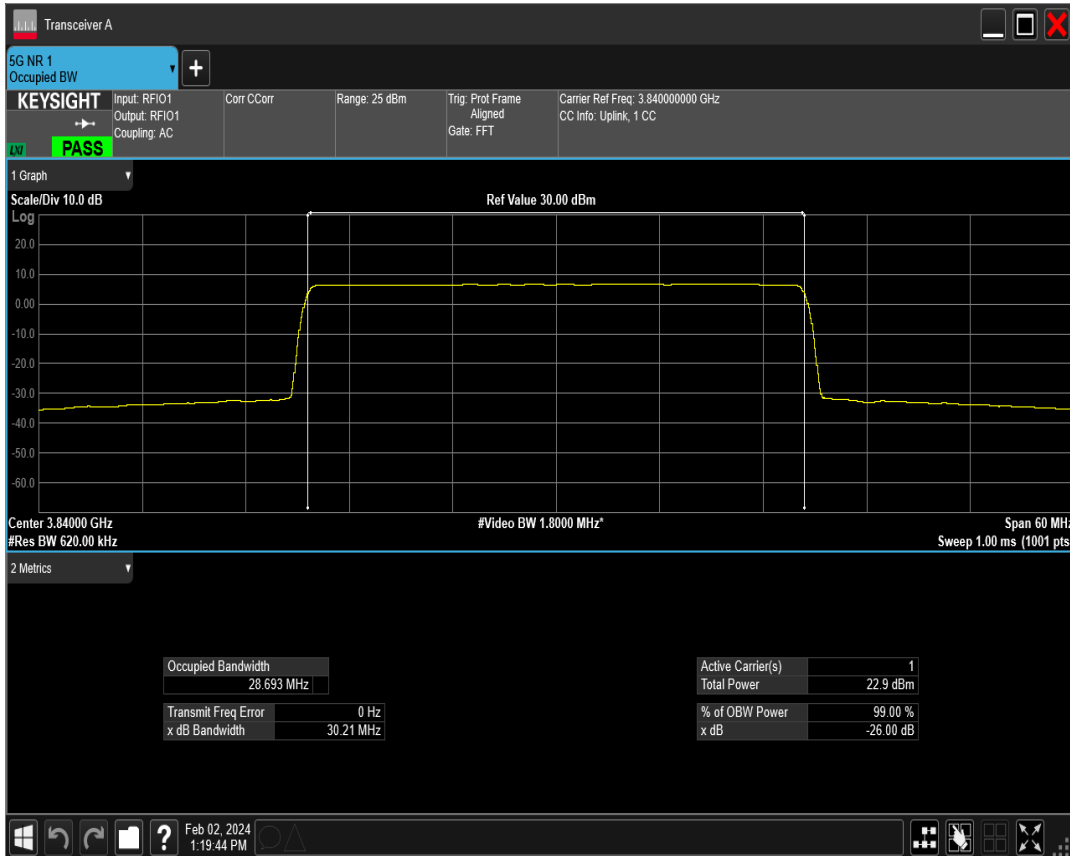




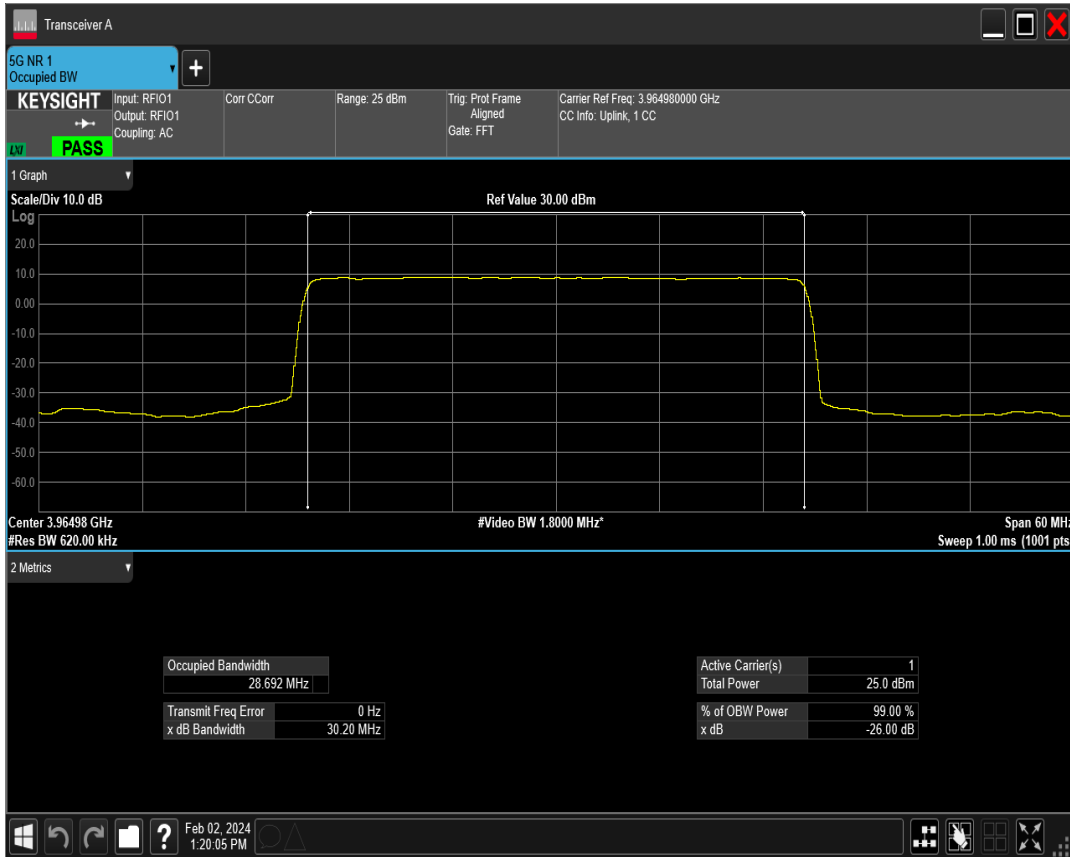
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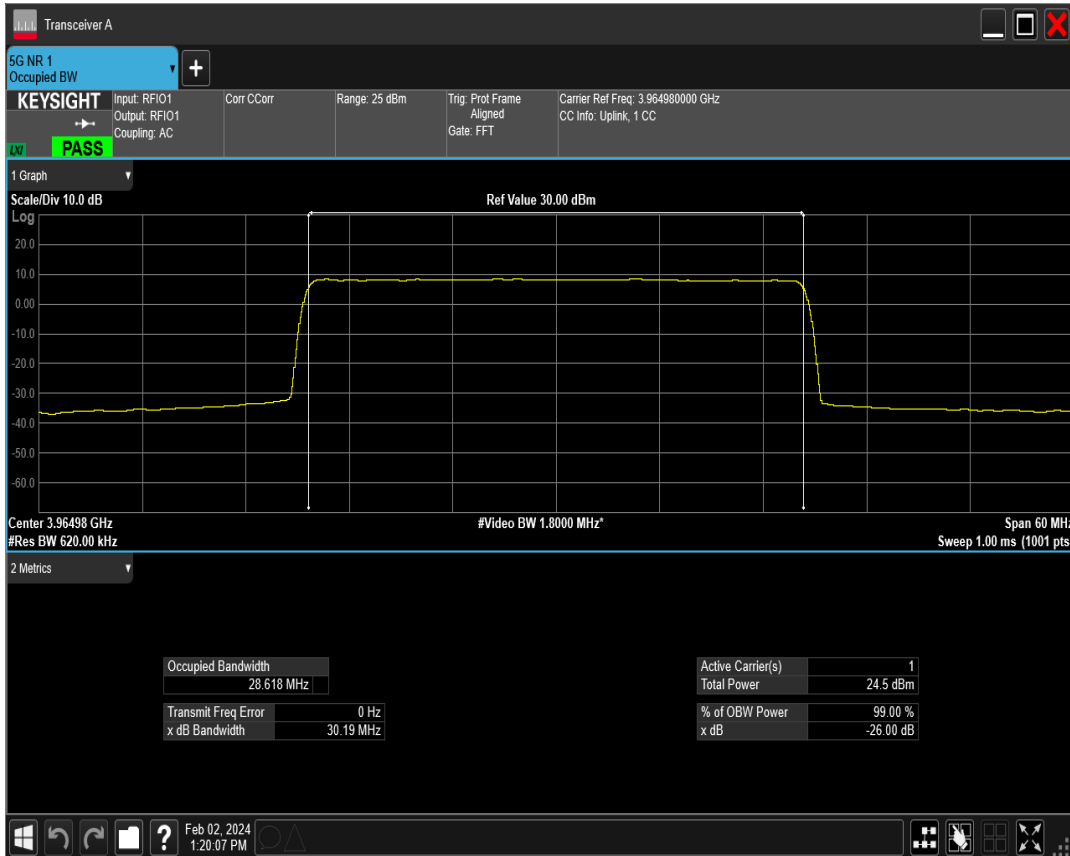
n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=656000 RB=160@0



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



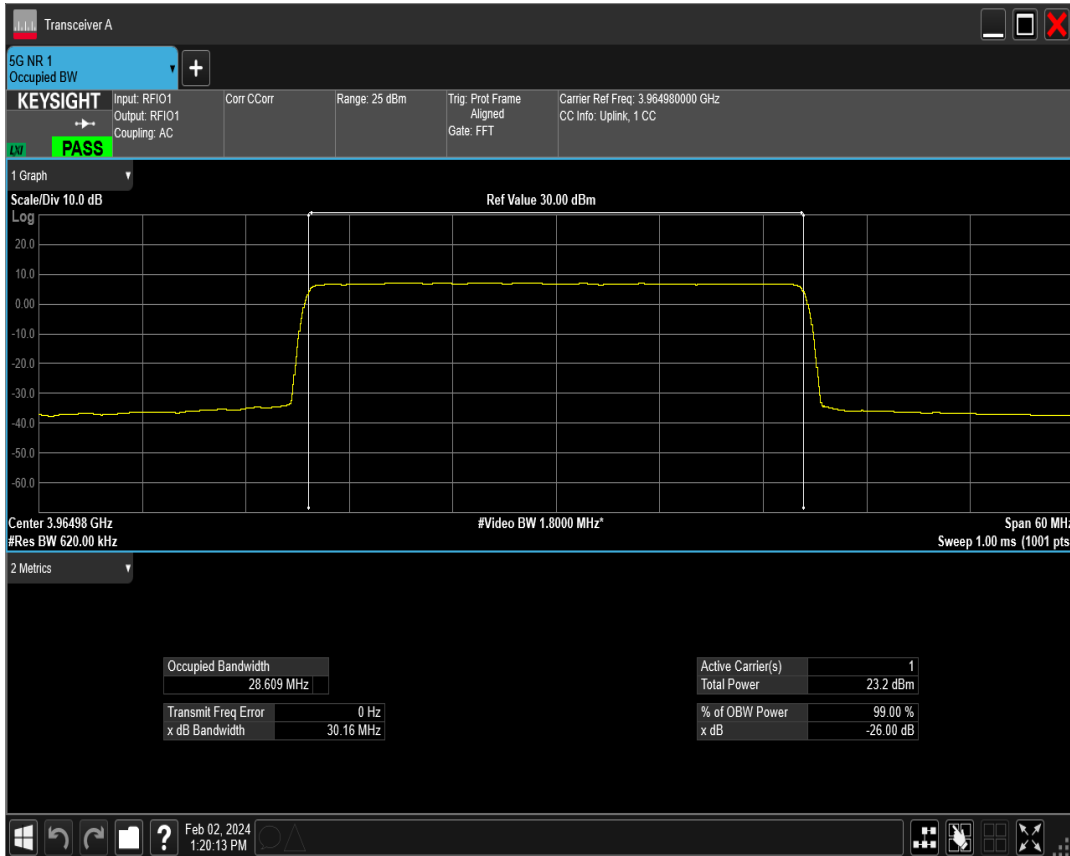
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n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=664332 RB=160@0



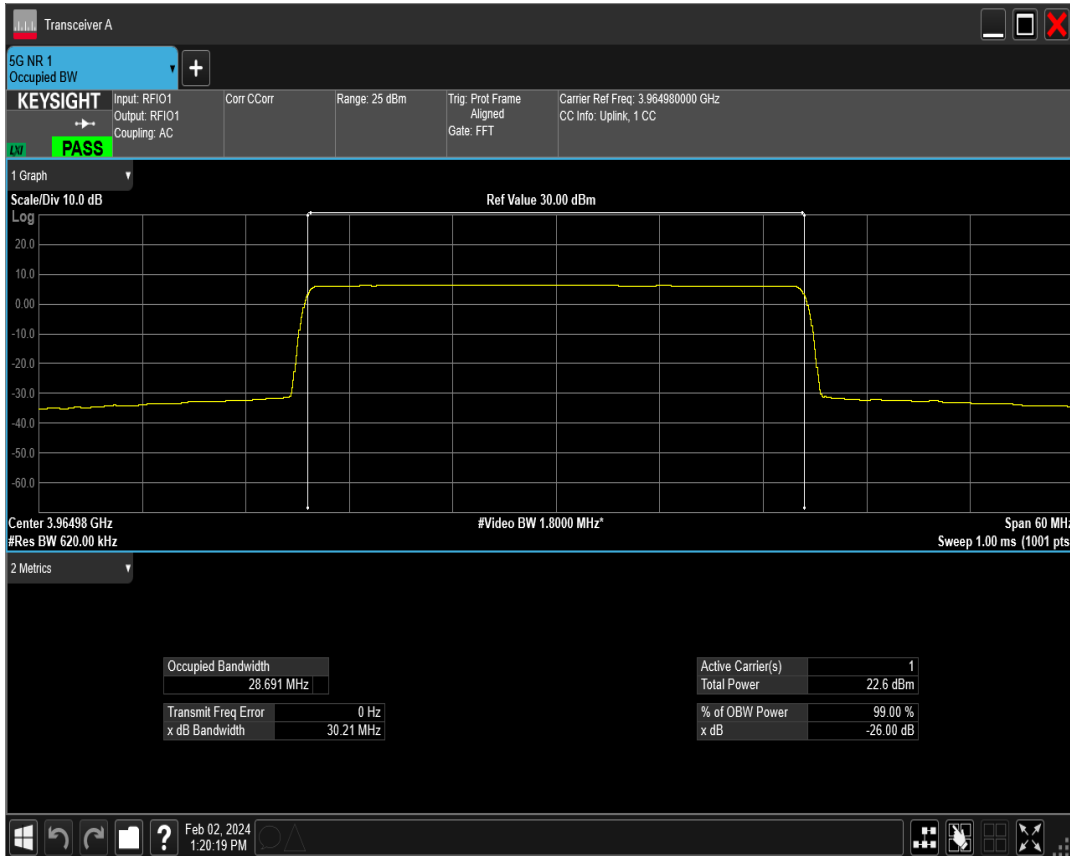
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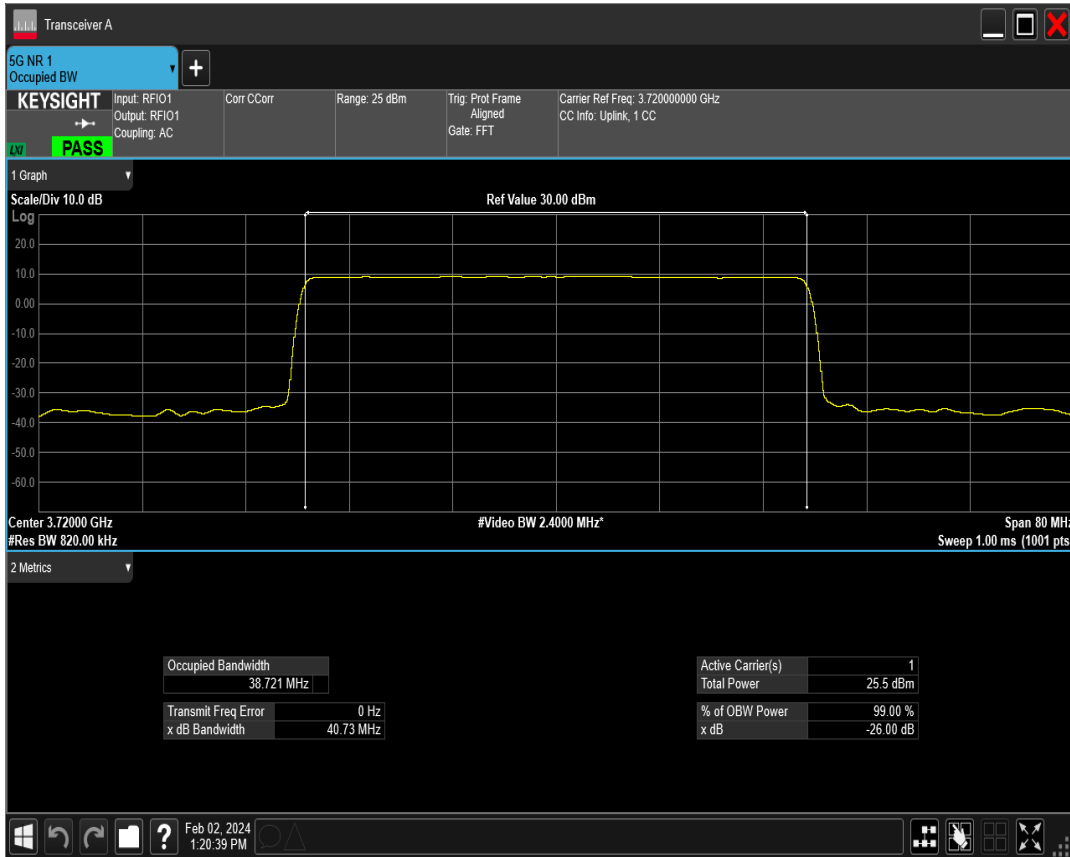
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n77(3700-3980) SCS=15kHz CP\_QPSK BW=30MHz Channel=664332 RB=160@0



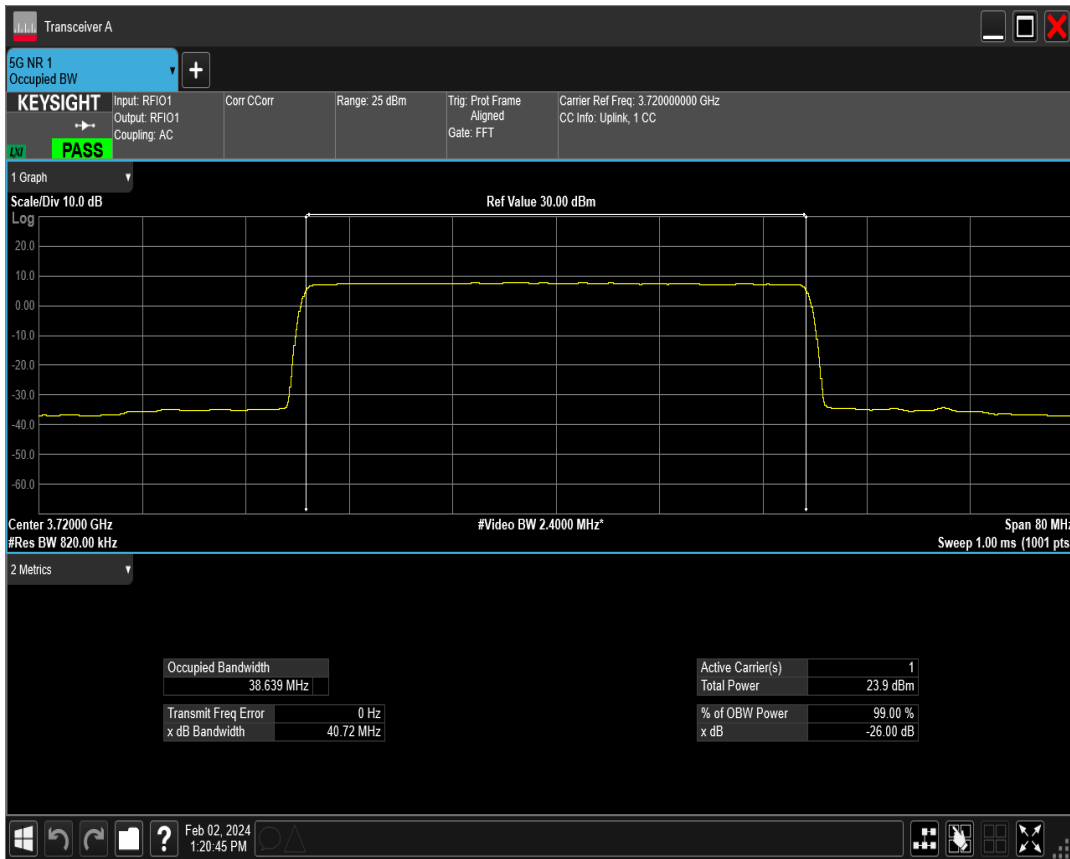
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=648000 RB=216@0



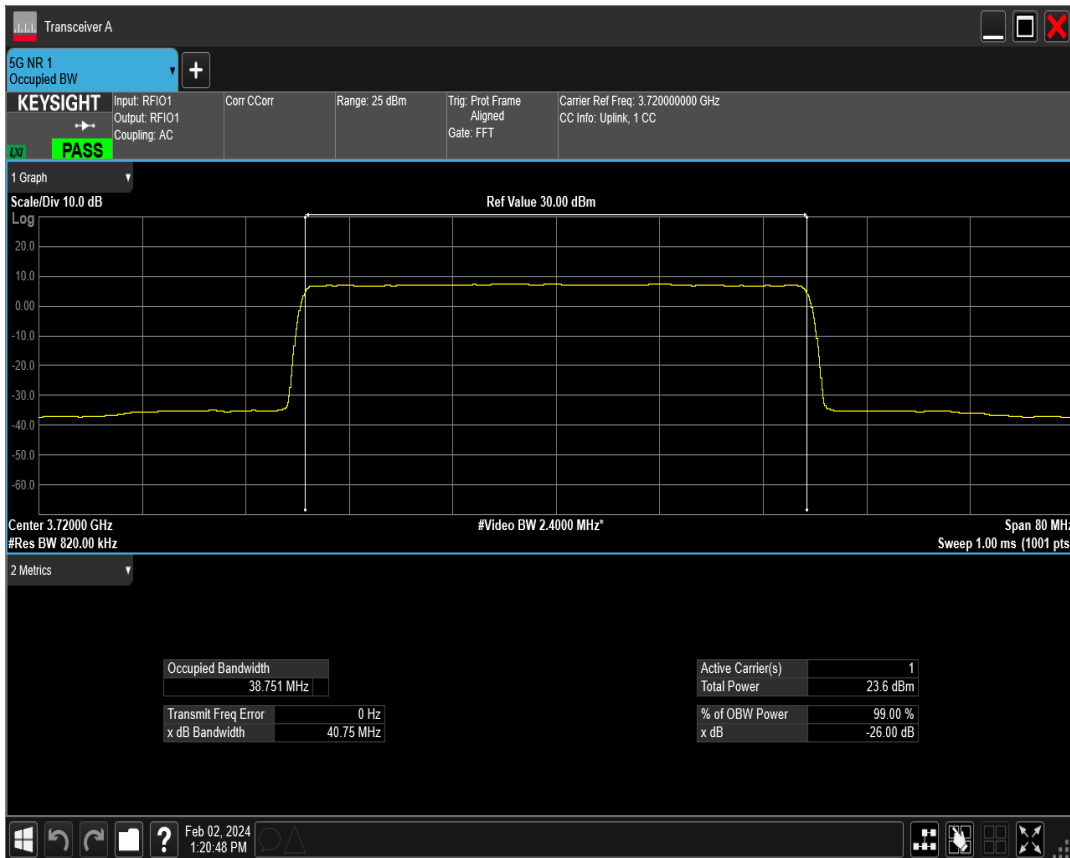
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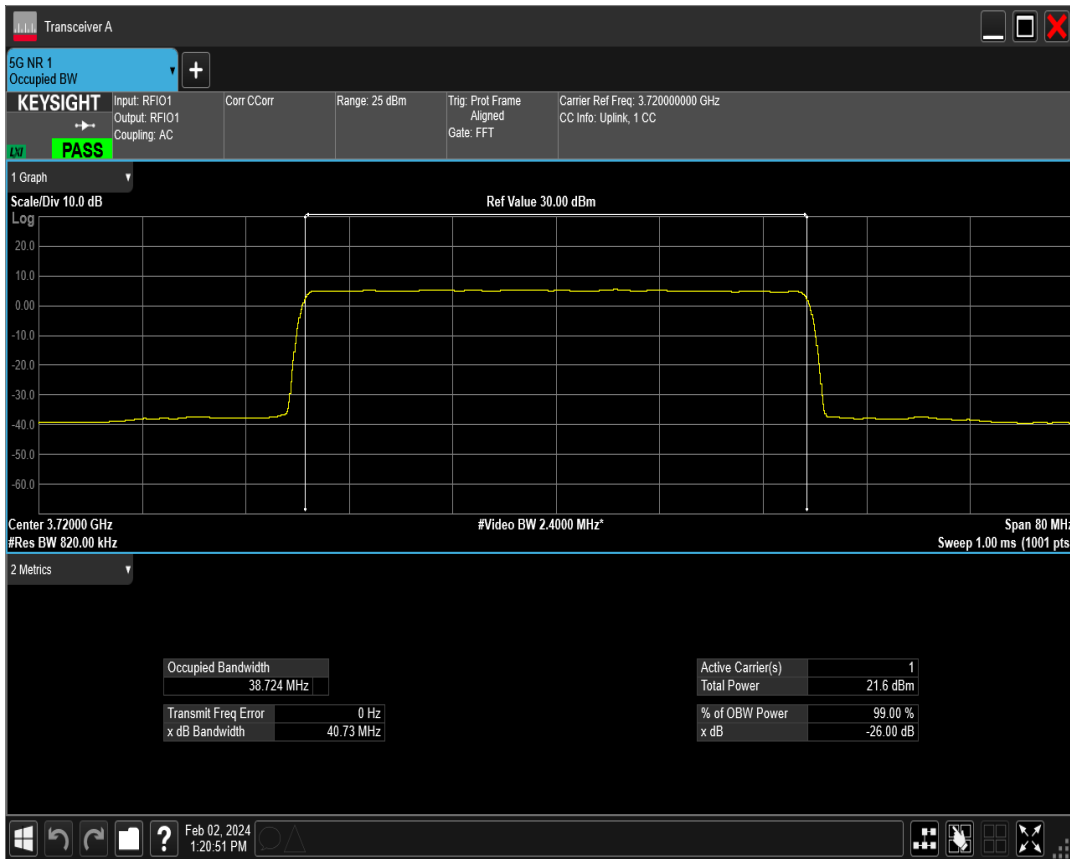
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=648000 RB=216@0



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



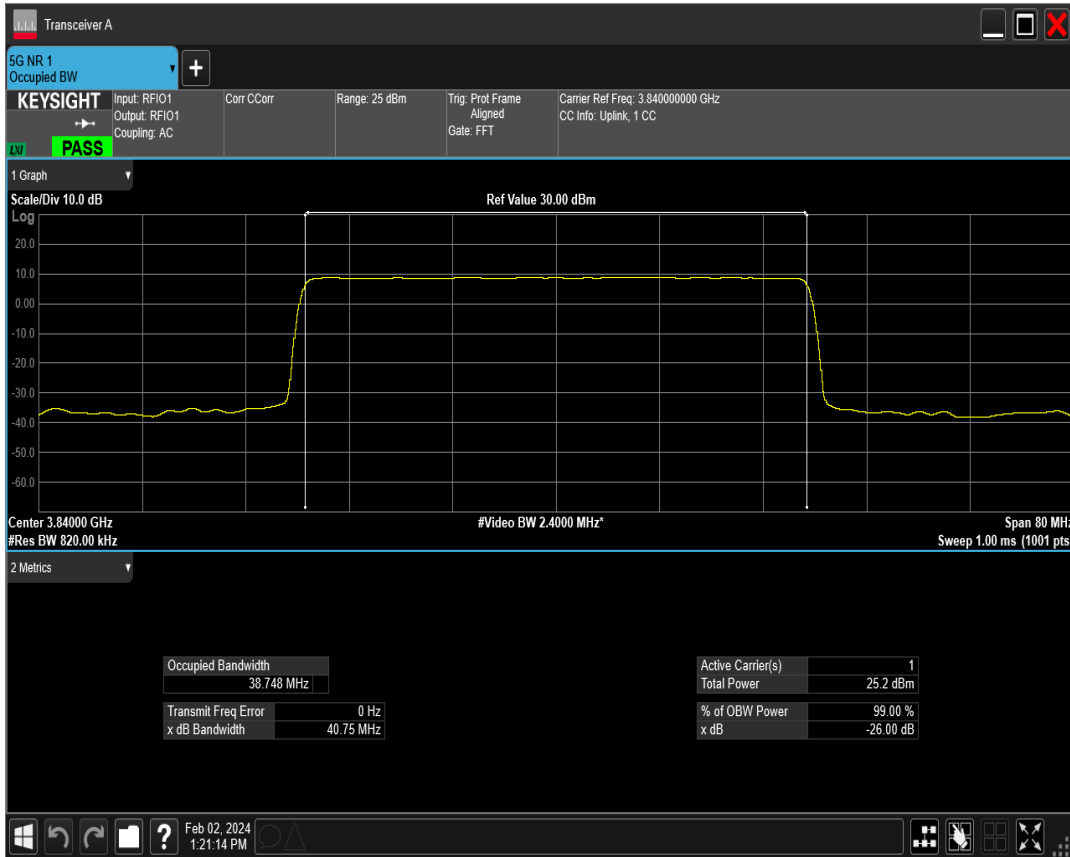
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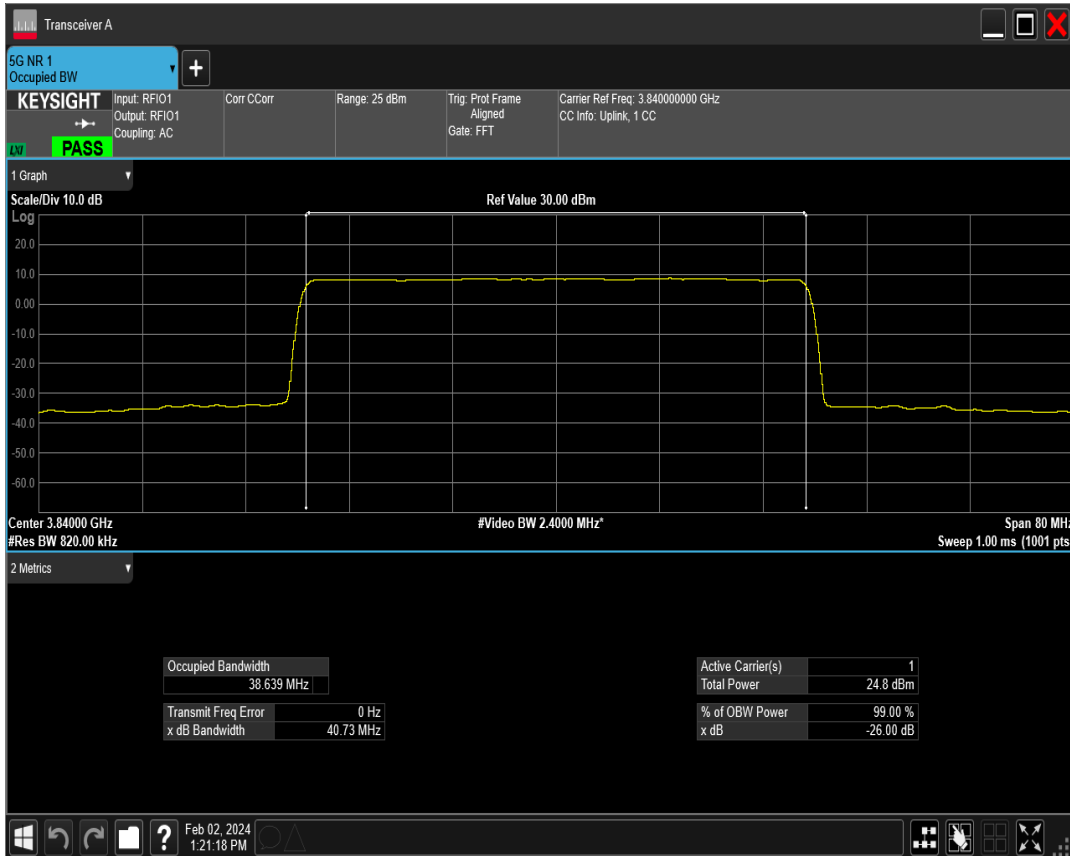
n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=648000 RB=216@0



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

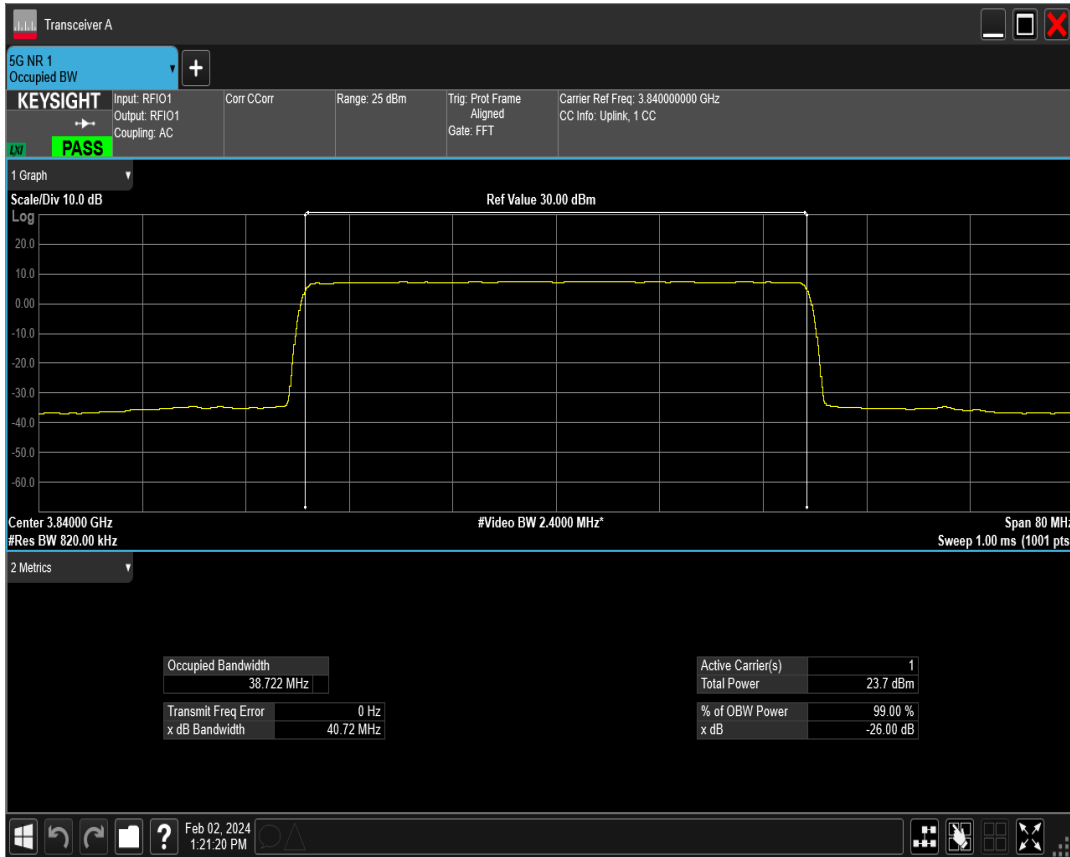


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=40MHz Channel=656000 RB=216@0

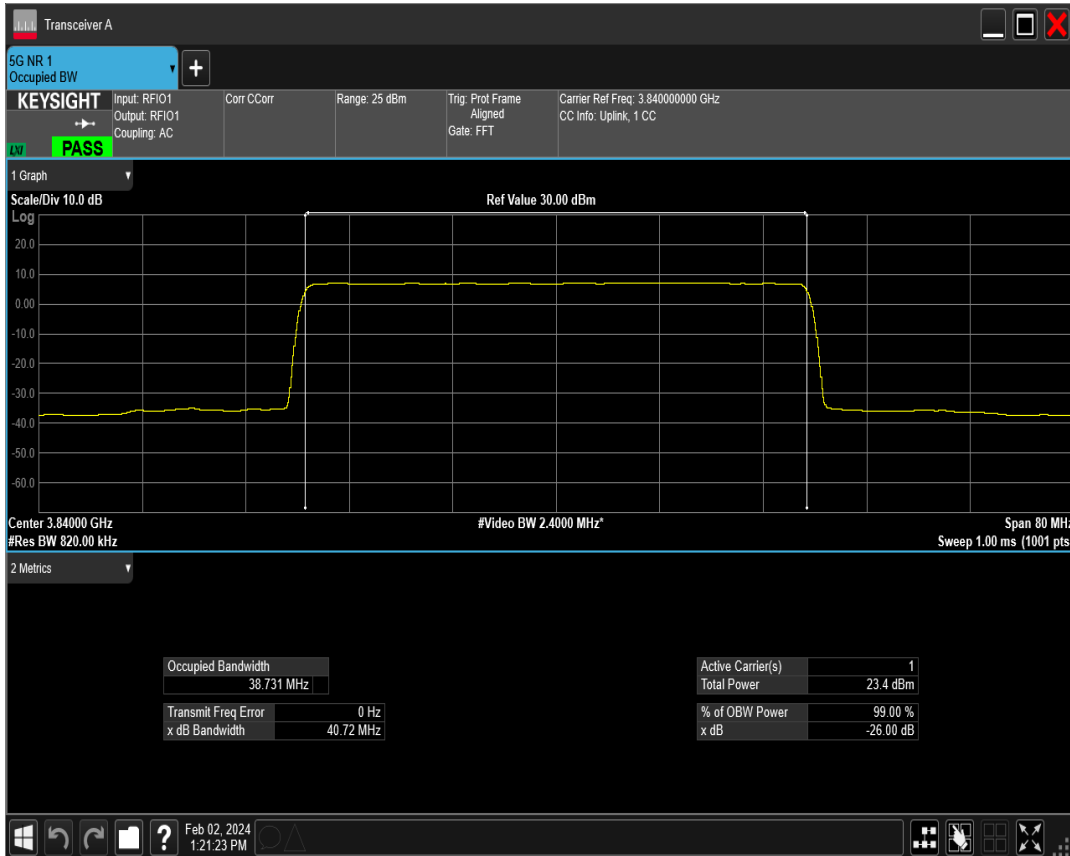




n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=656000 RB=216@0



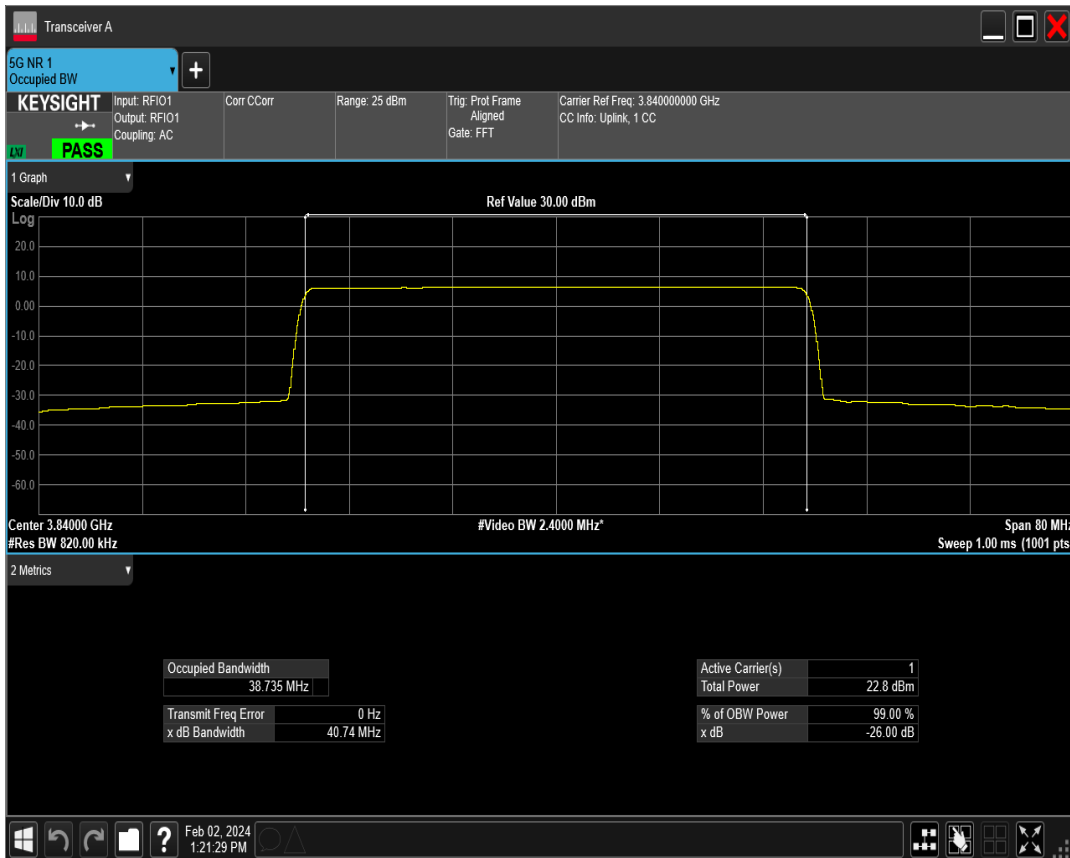
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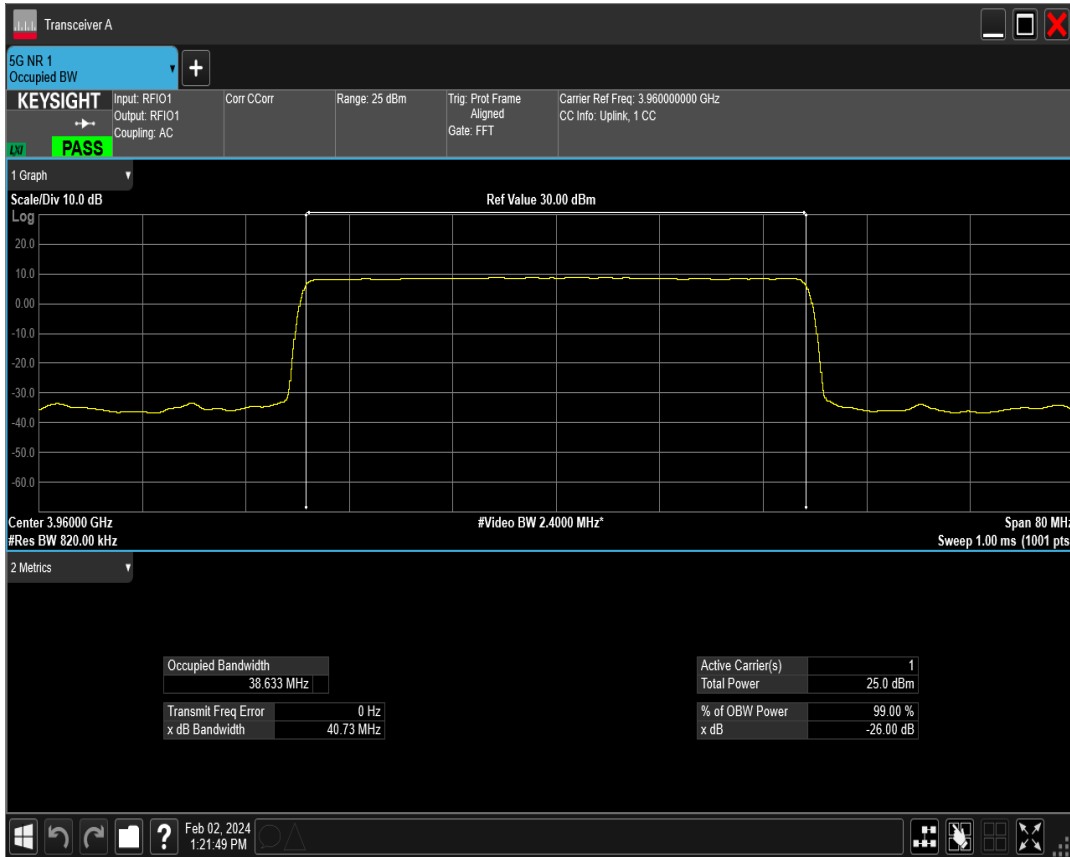
n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=216@0



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



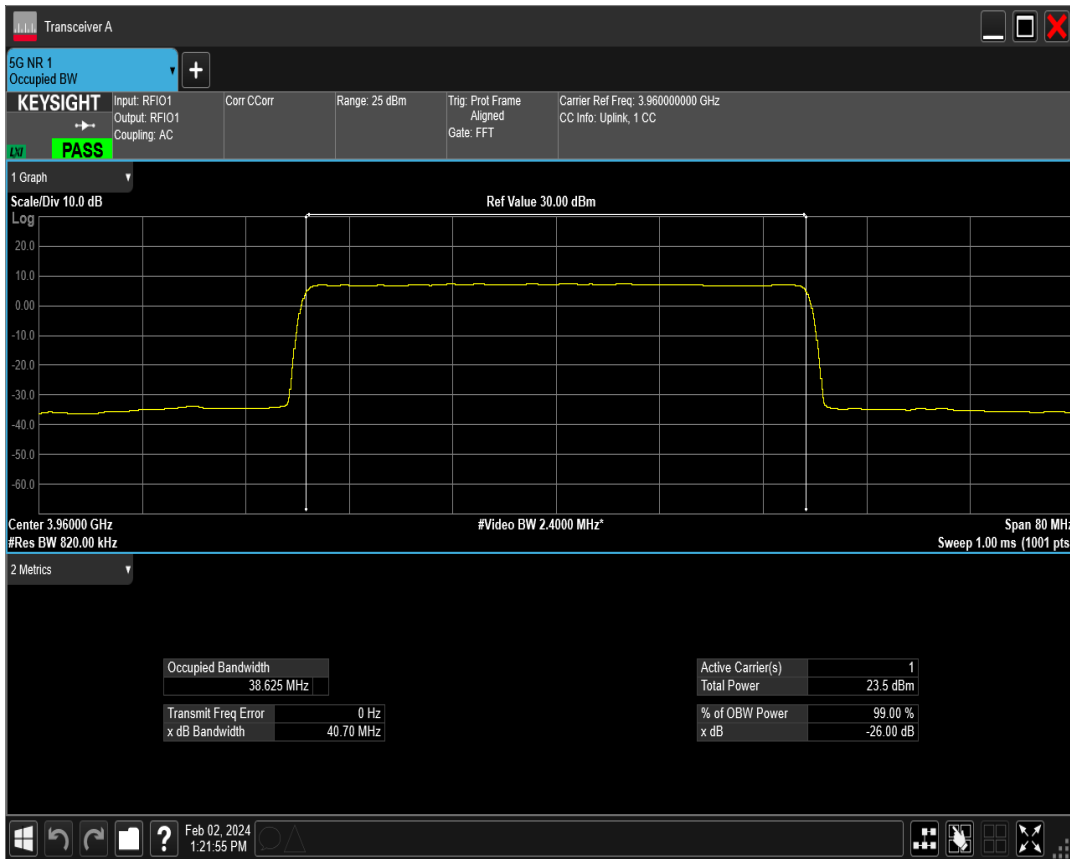
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=40MHz Channel=664000 RB=216@0



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



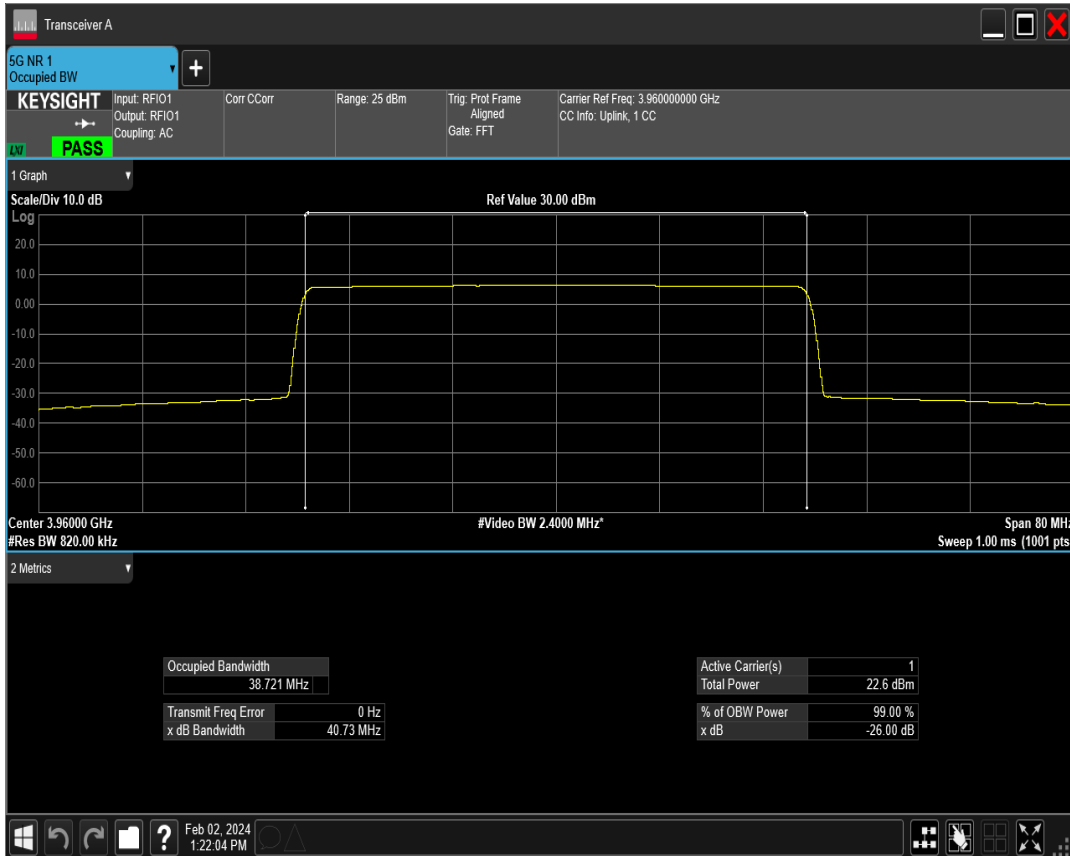
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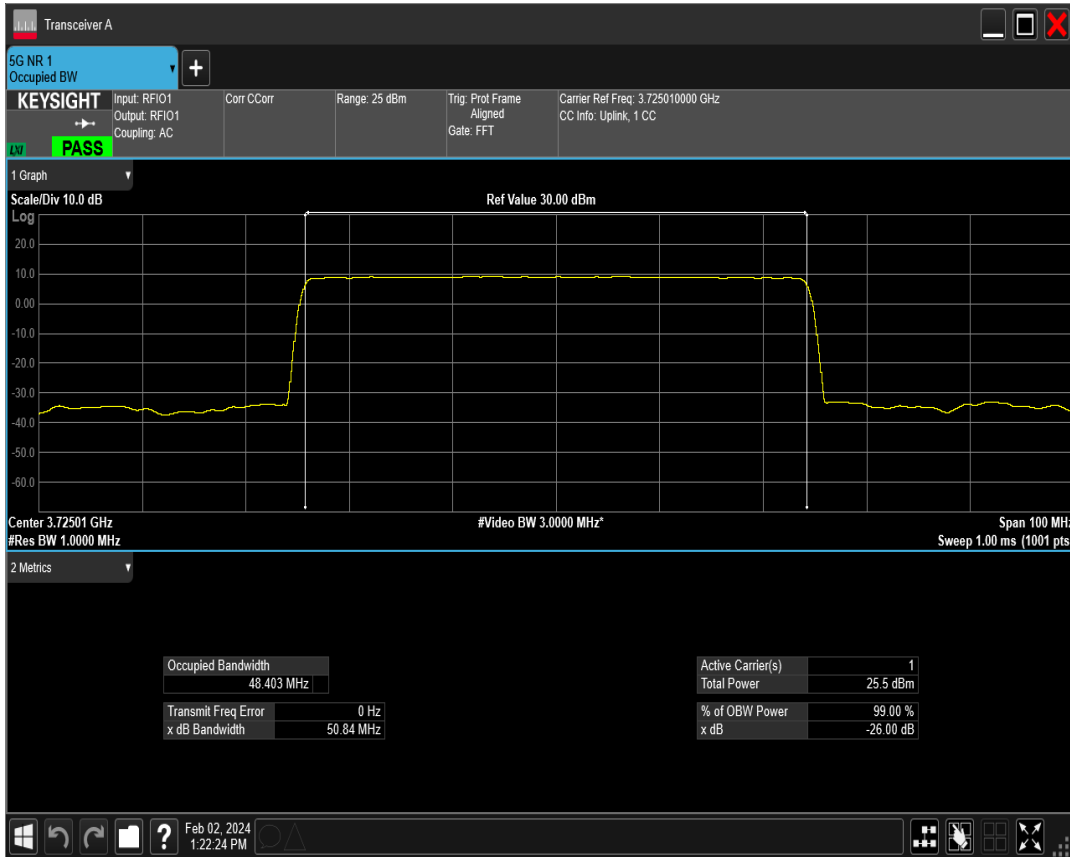
n77(3700-3980) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=664000 RB=216@0



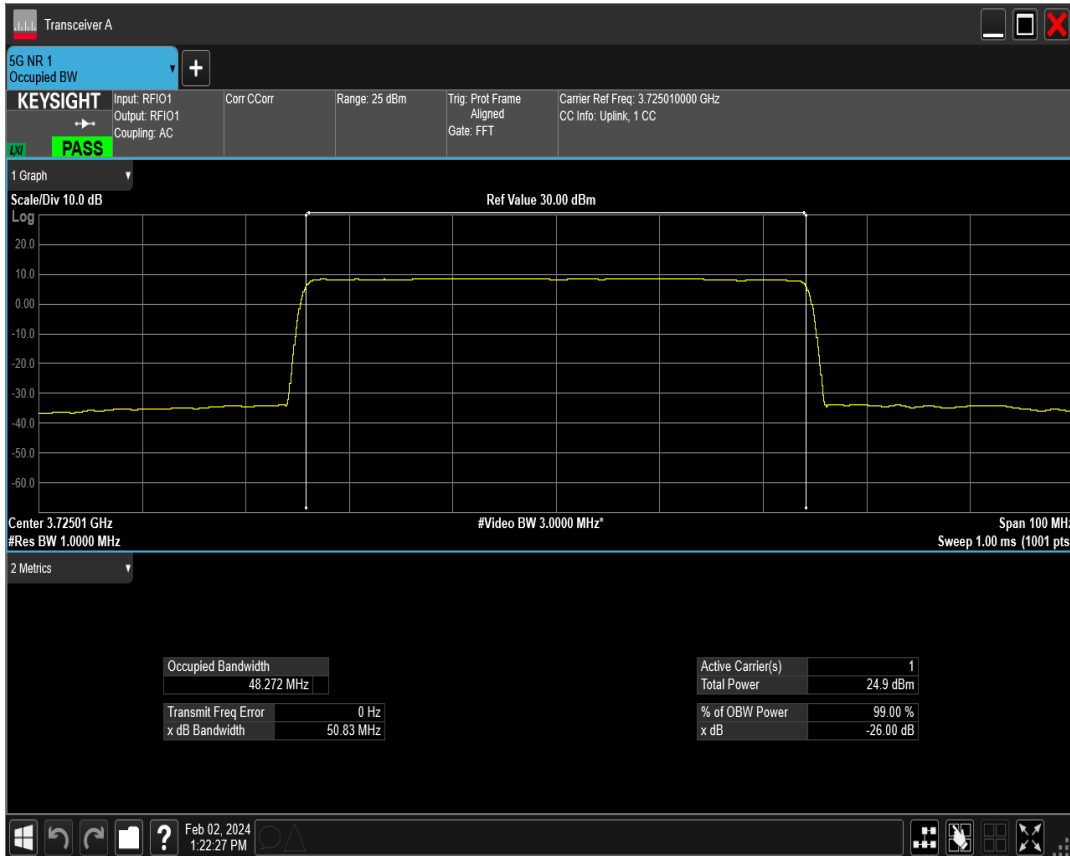
n77(3700-3980) SCS=15kHz CP\_QPSK BW=40MHz Channel=664000 RB=216@0



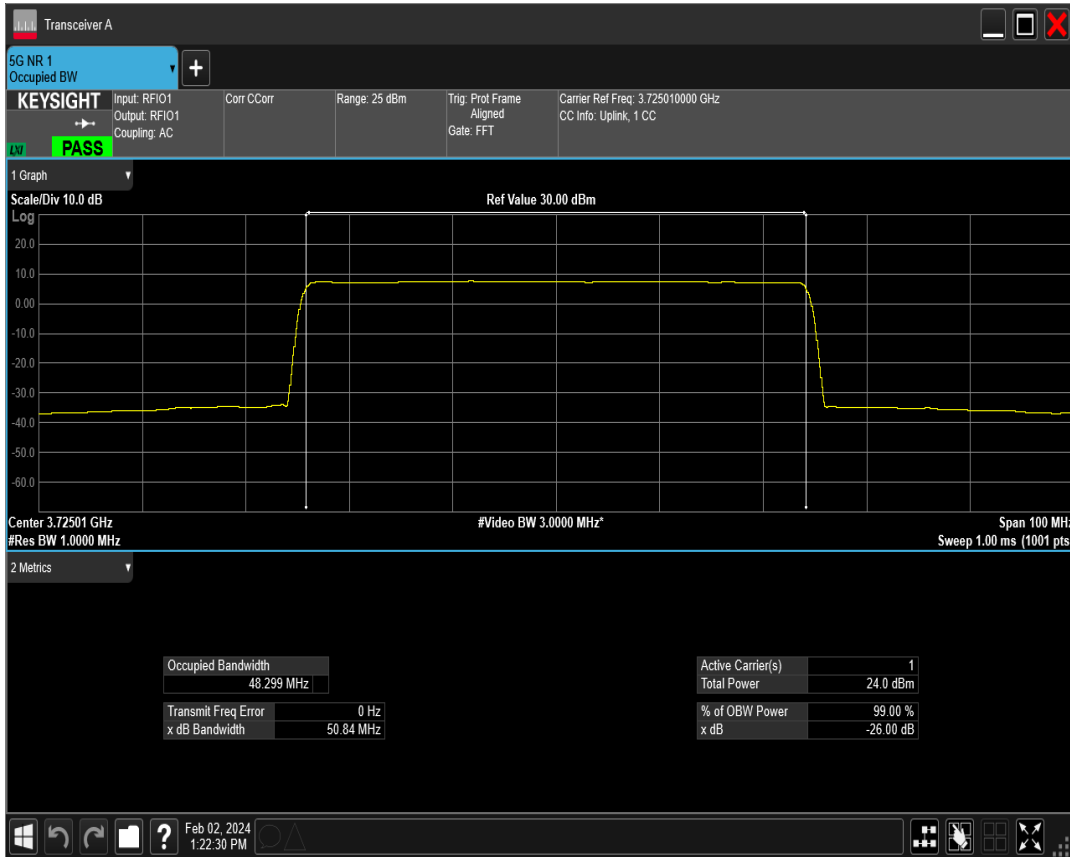
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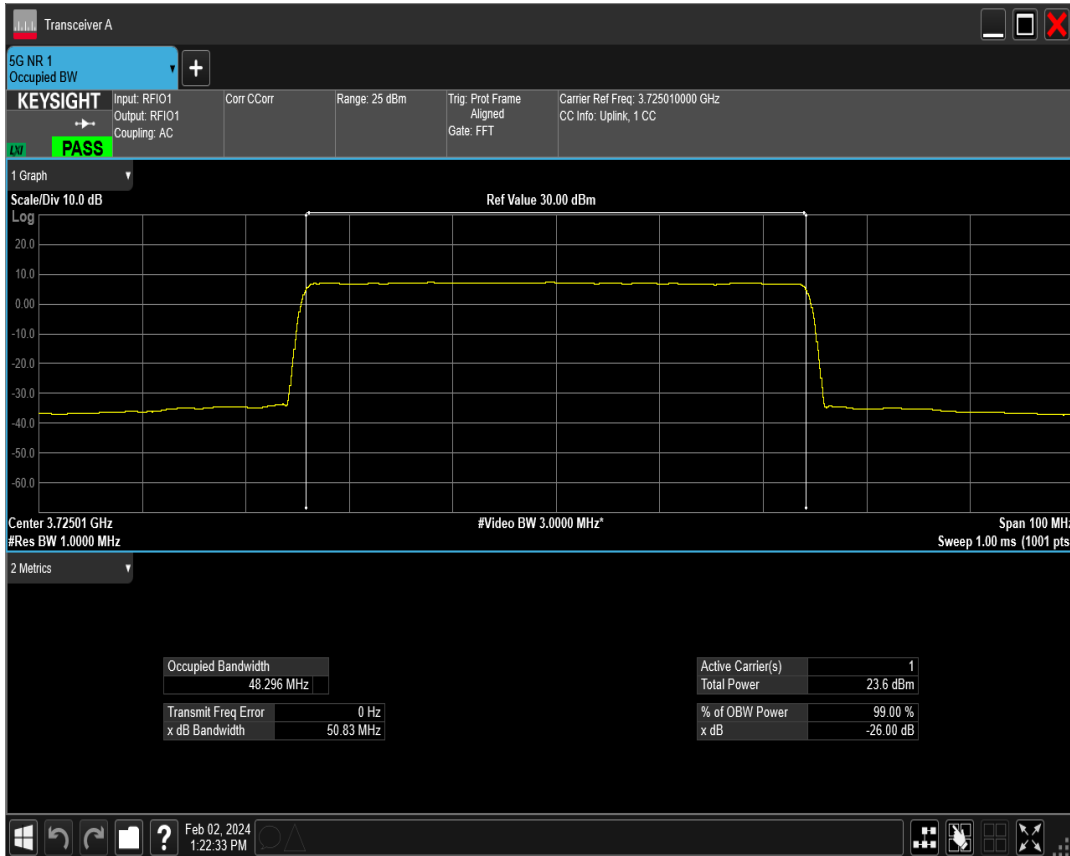
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



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



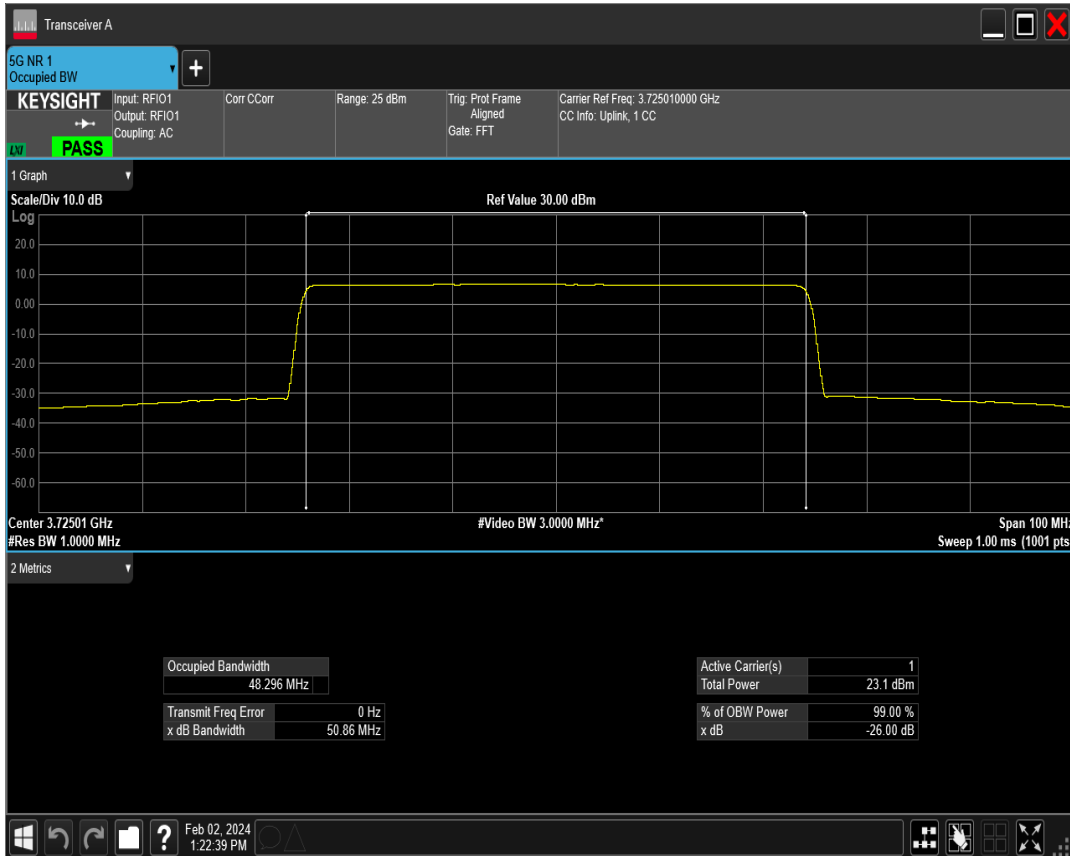
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=648334 RB=270@0



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

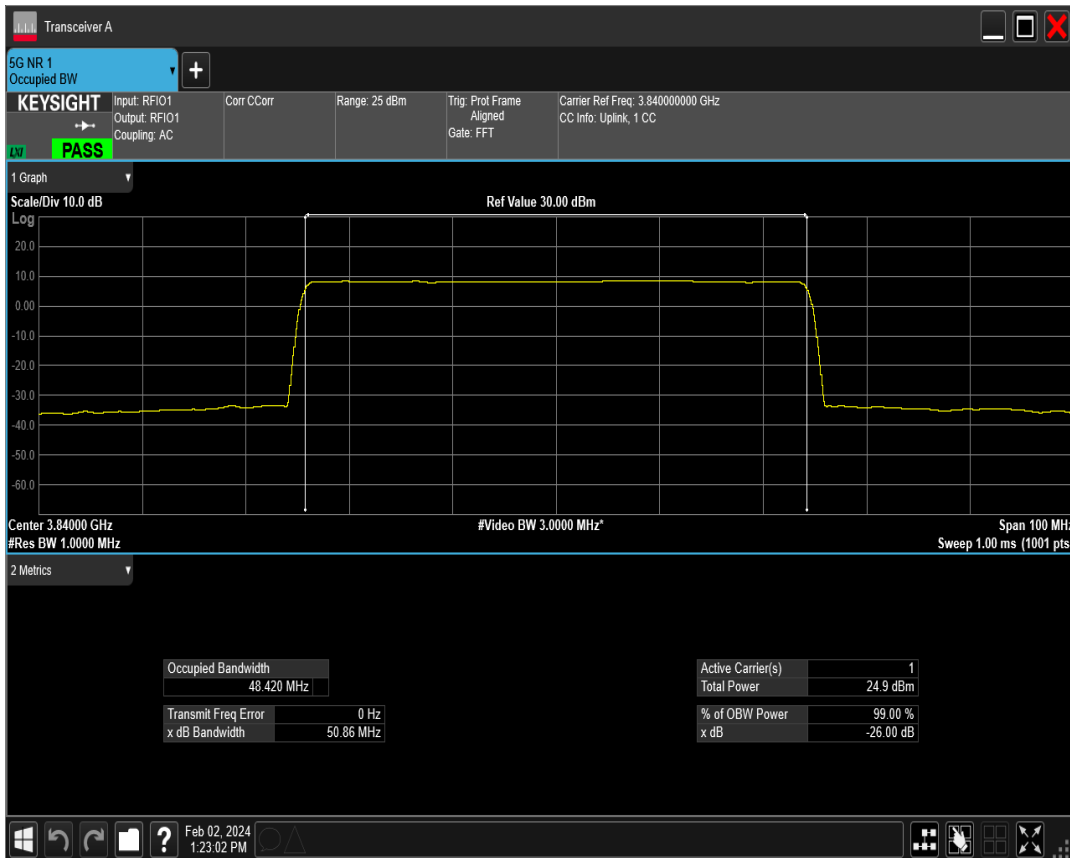




n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=656000 RB=270@0



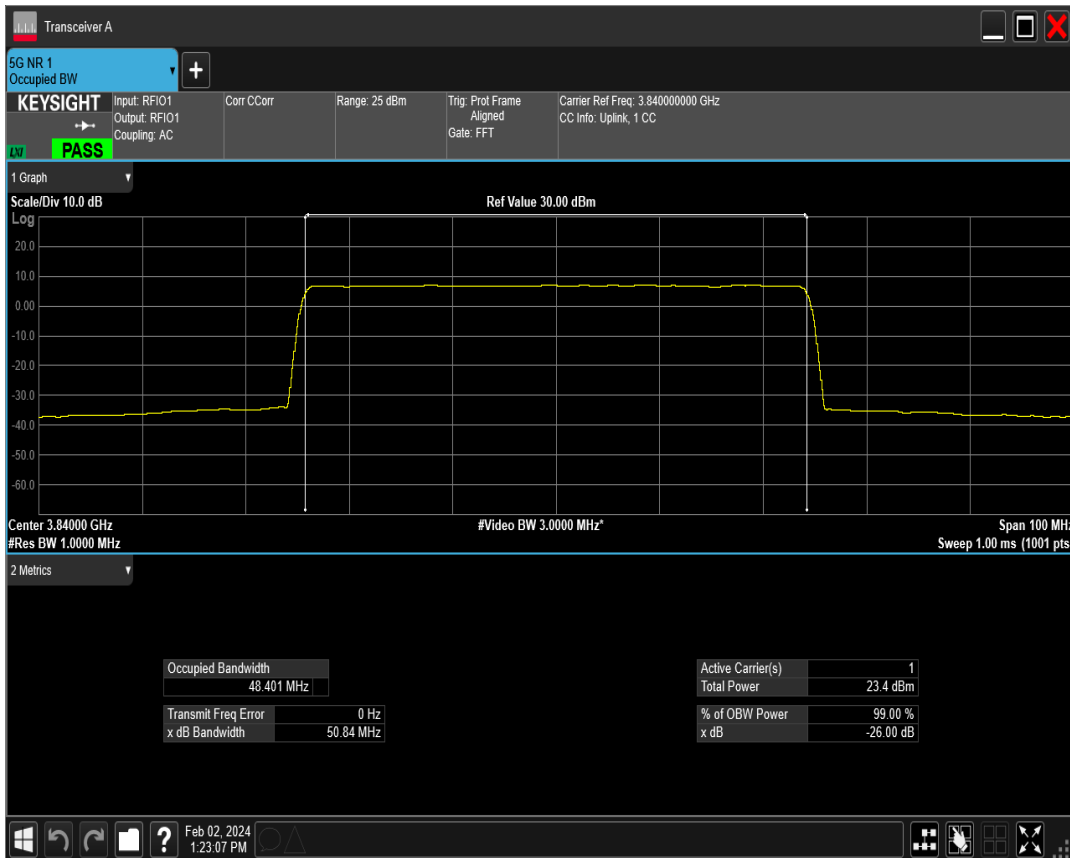
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



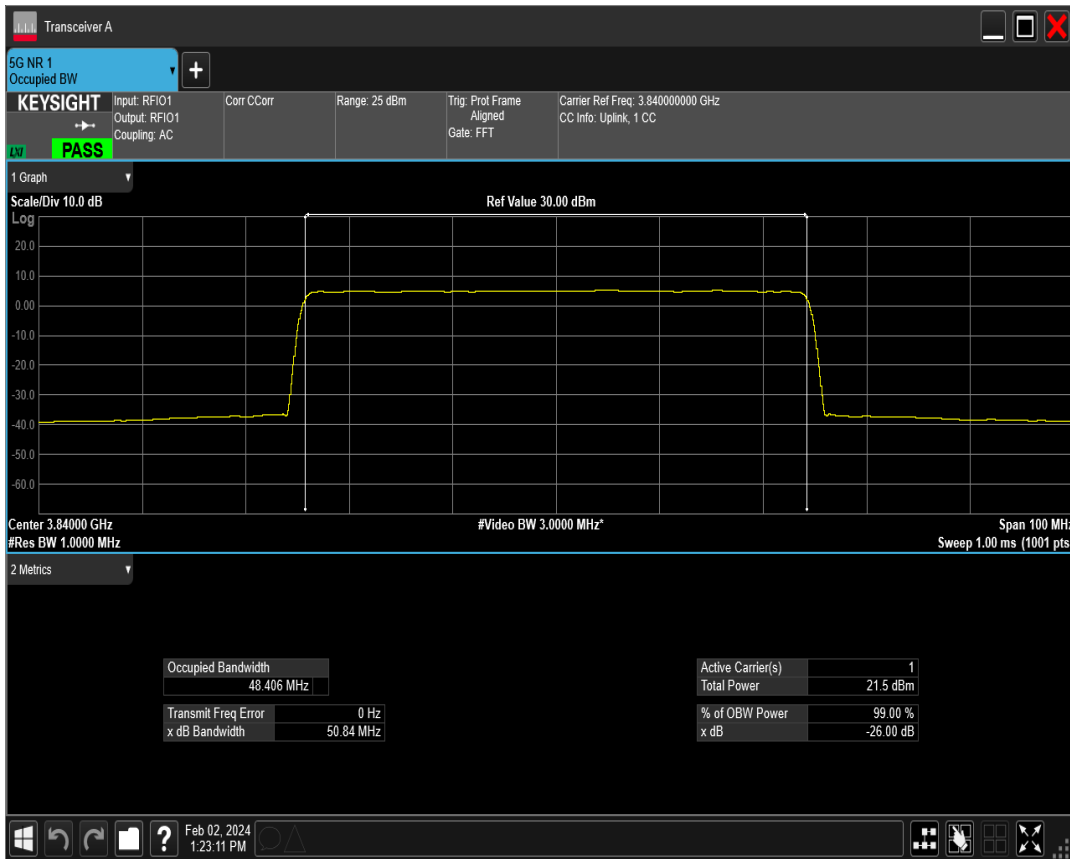
n77(3700-3980) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=656000 RB=270@0



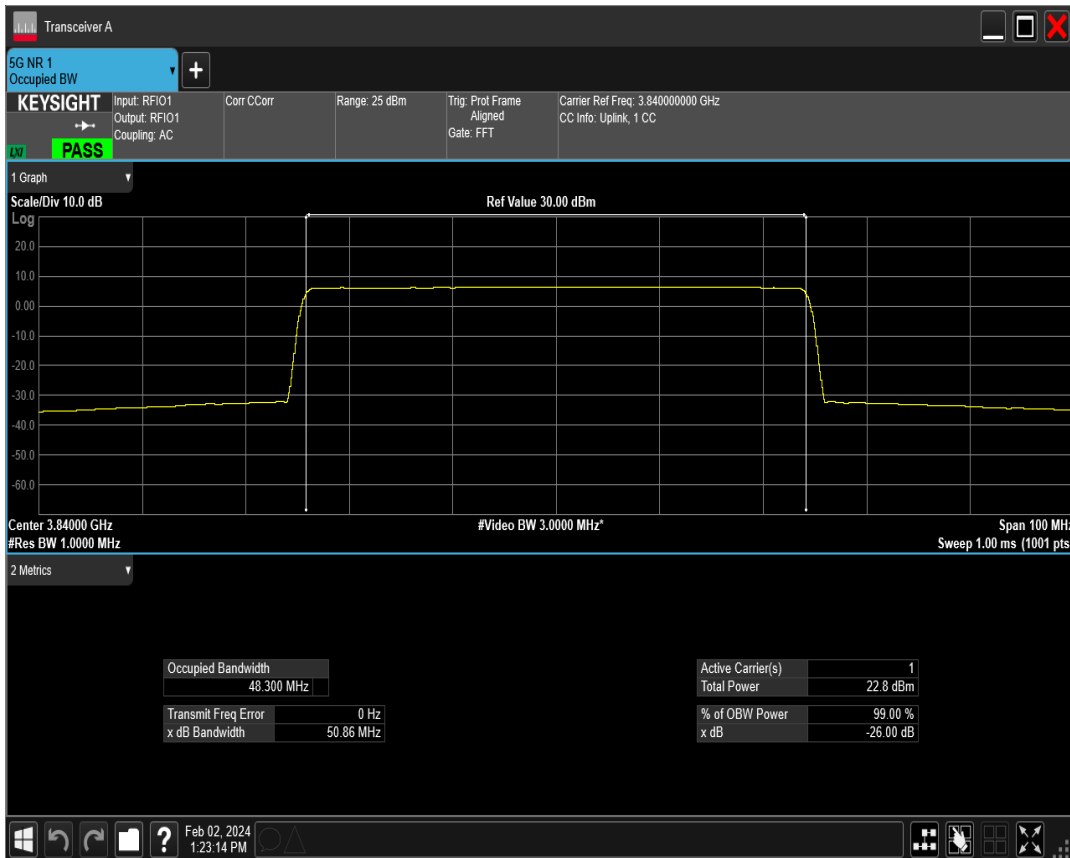
n77(3700-3980) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=656000 RB=270@0



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



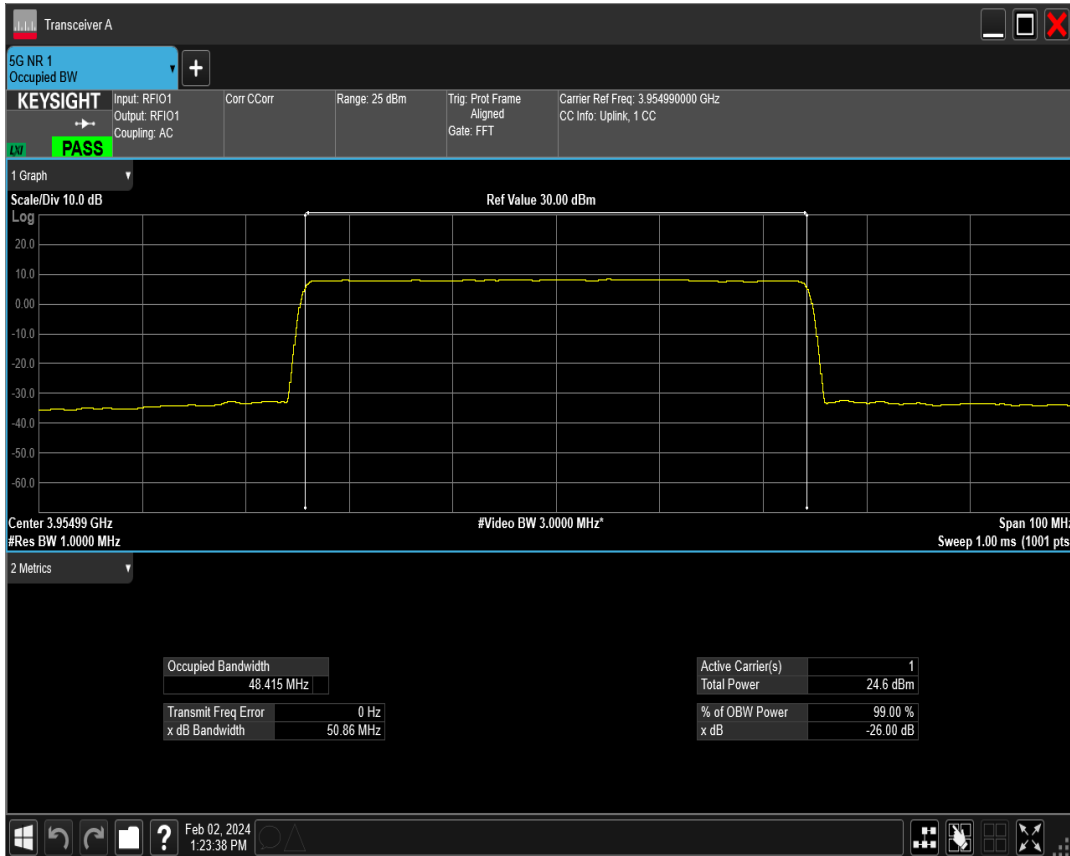
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=656000 RB=270@0



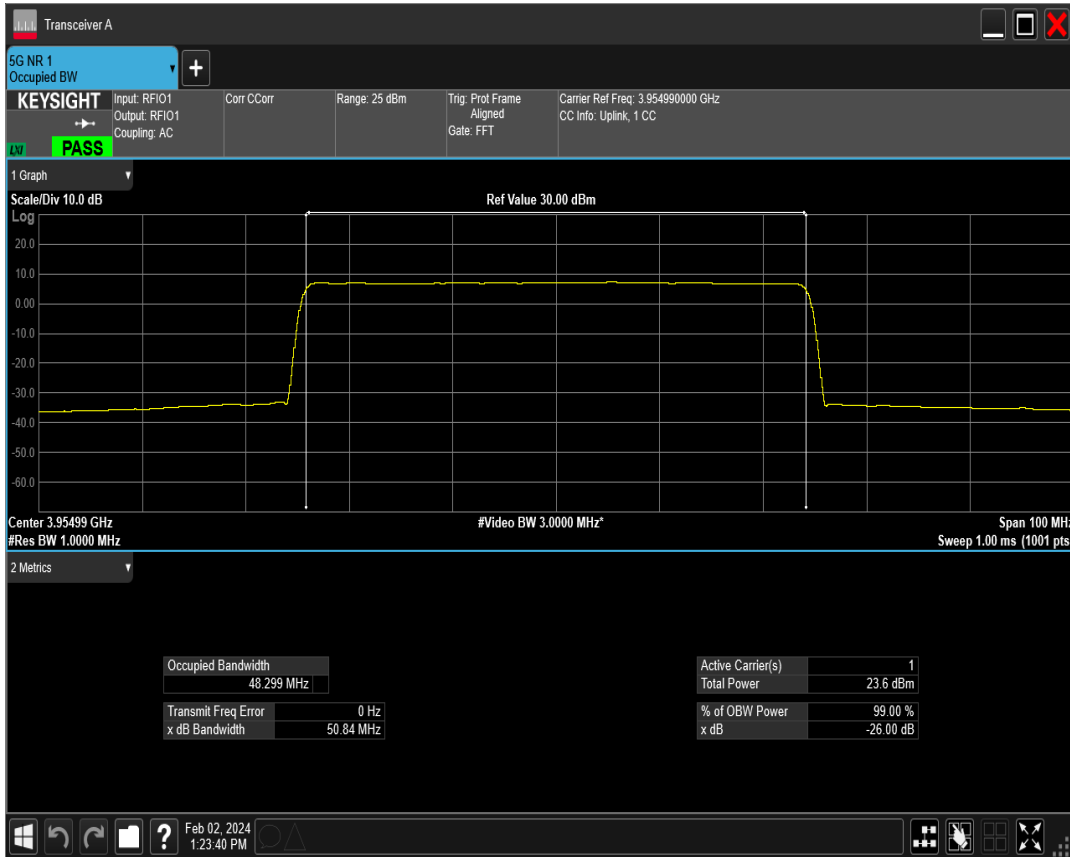
n77(3700-3980) SCS=15kHz DFT\_BPSK BW=50MHz Channel=663666 RB=270@0



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



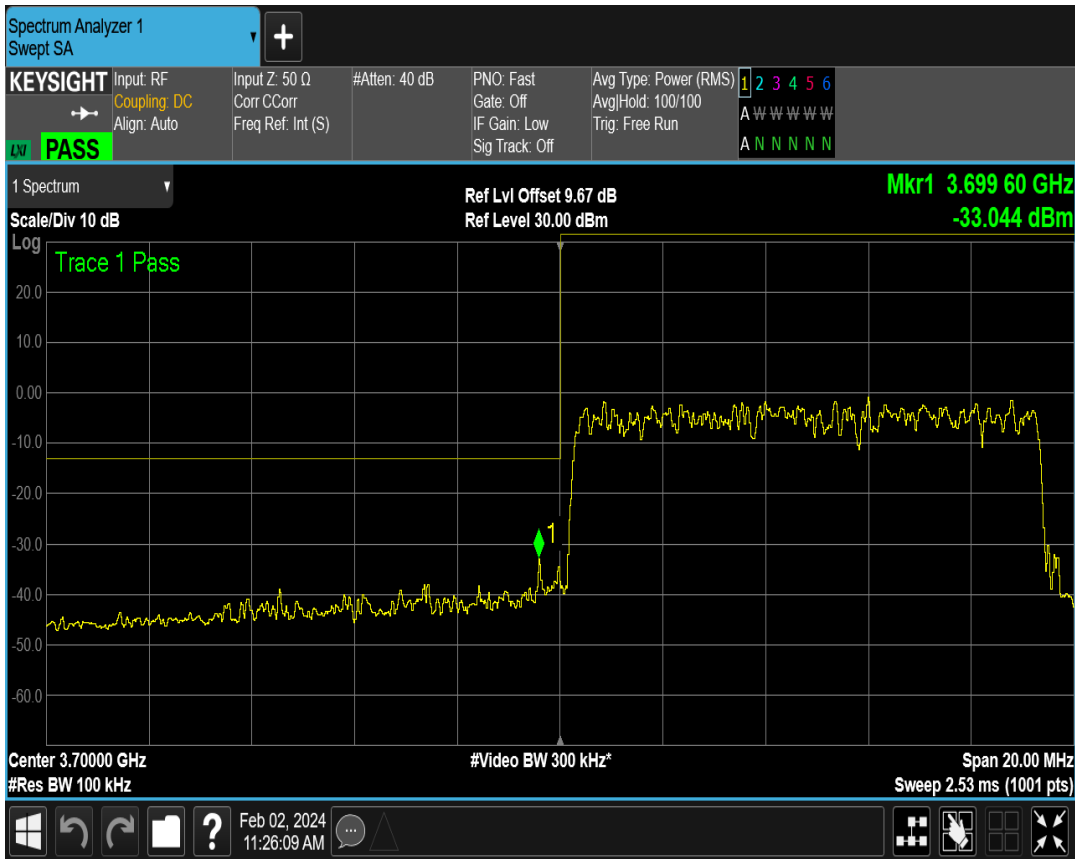
n77(3700-3980) SCS=15kHz CP\_QPSK BW=50MHz Channel=663666 RB=270@0



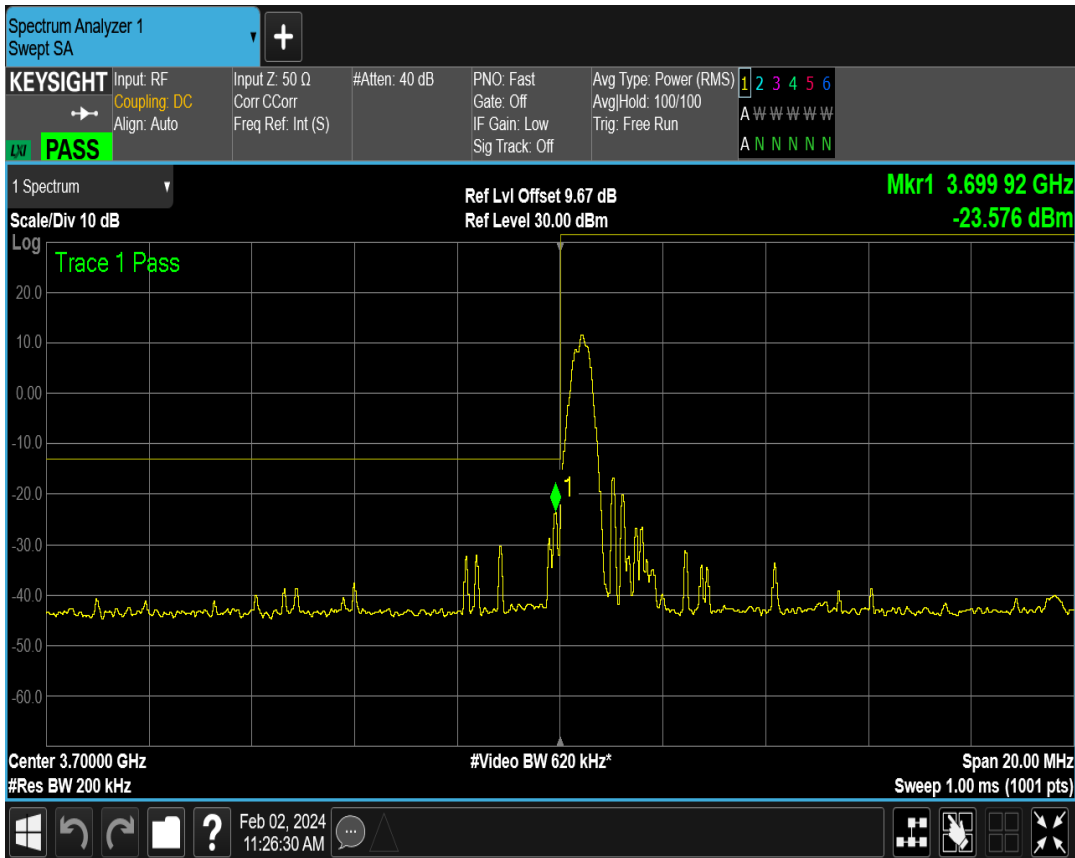
### 5 Band edge for NR FR1

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	3699.60	-33.04	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3699.92	-23.58	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	3980.14	-37.95	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	3980.12	-23.00	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	3699.70	-33.45	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	3700.00	-27.41	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	3980.00	-34.25	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	3980.00	-28.11	-13	PASS

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

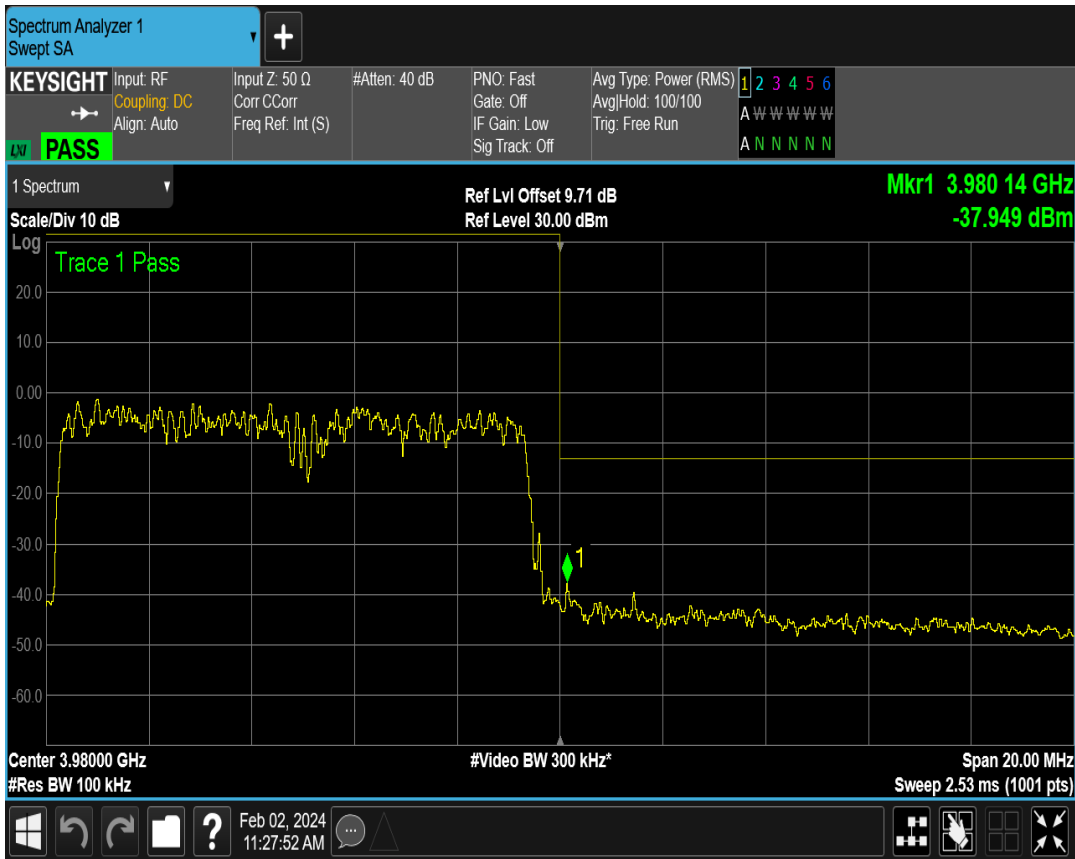


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0

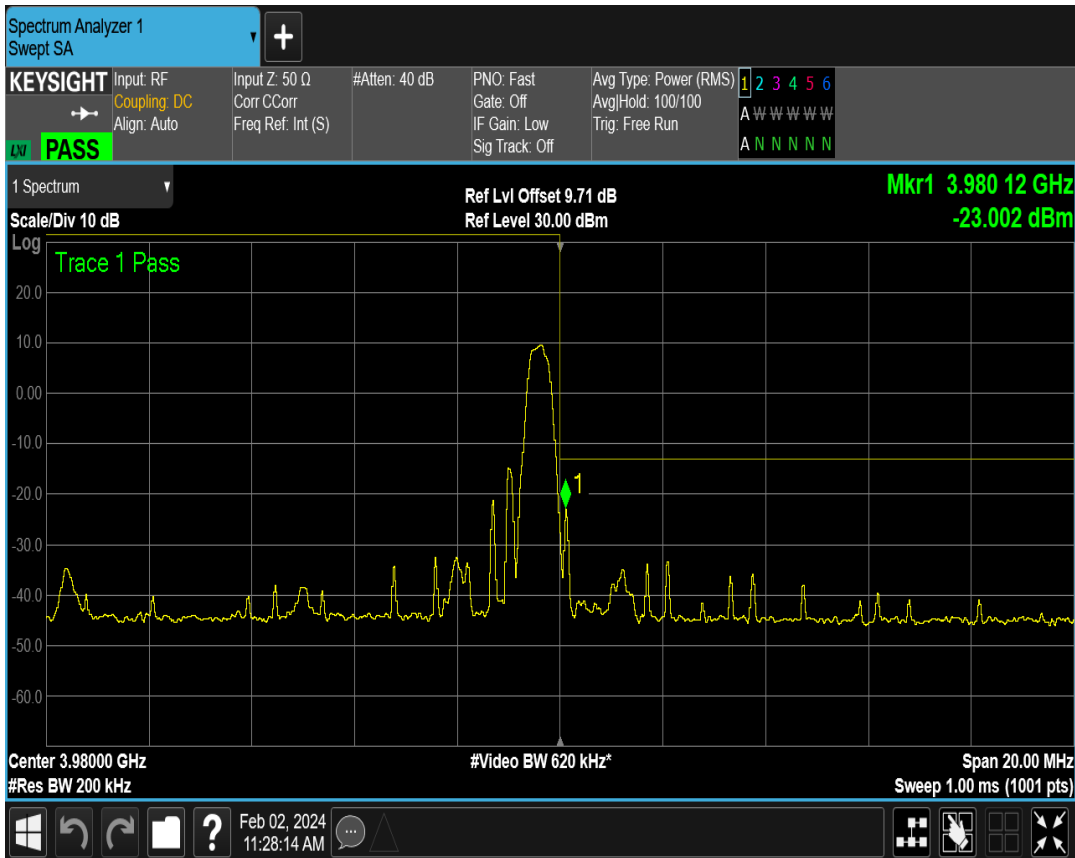




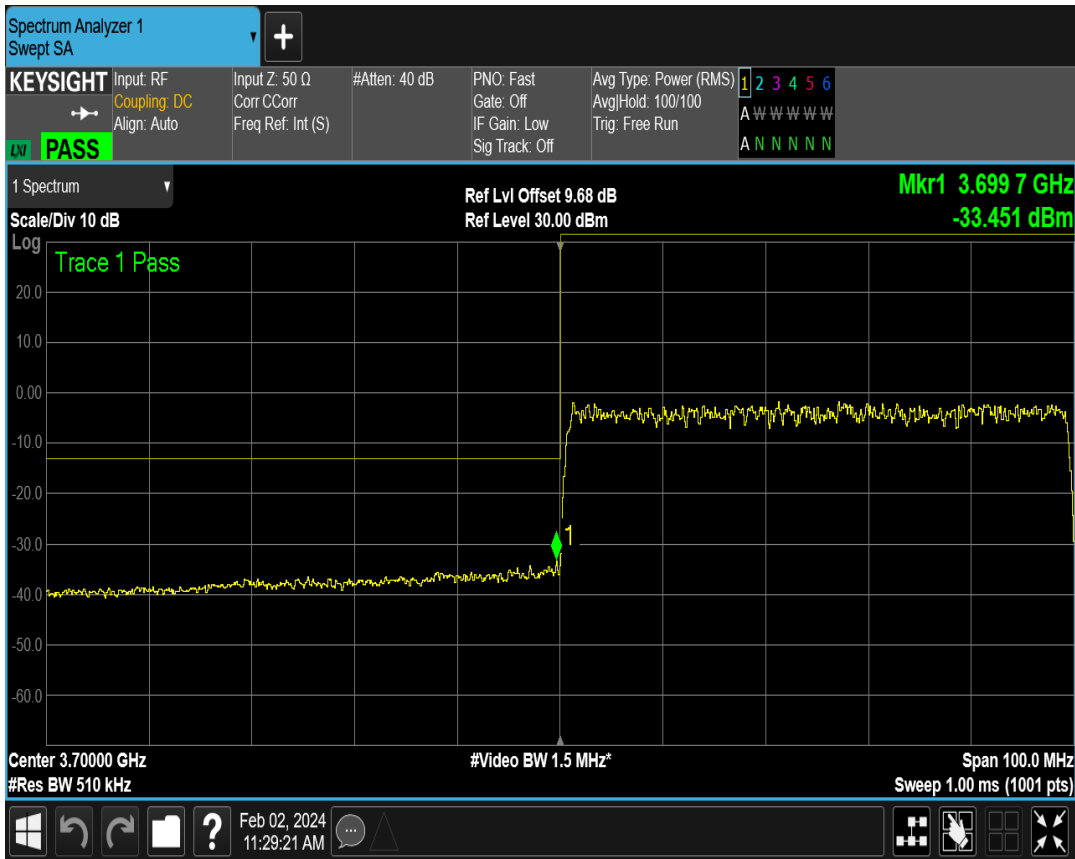
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=50@0



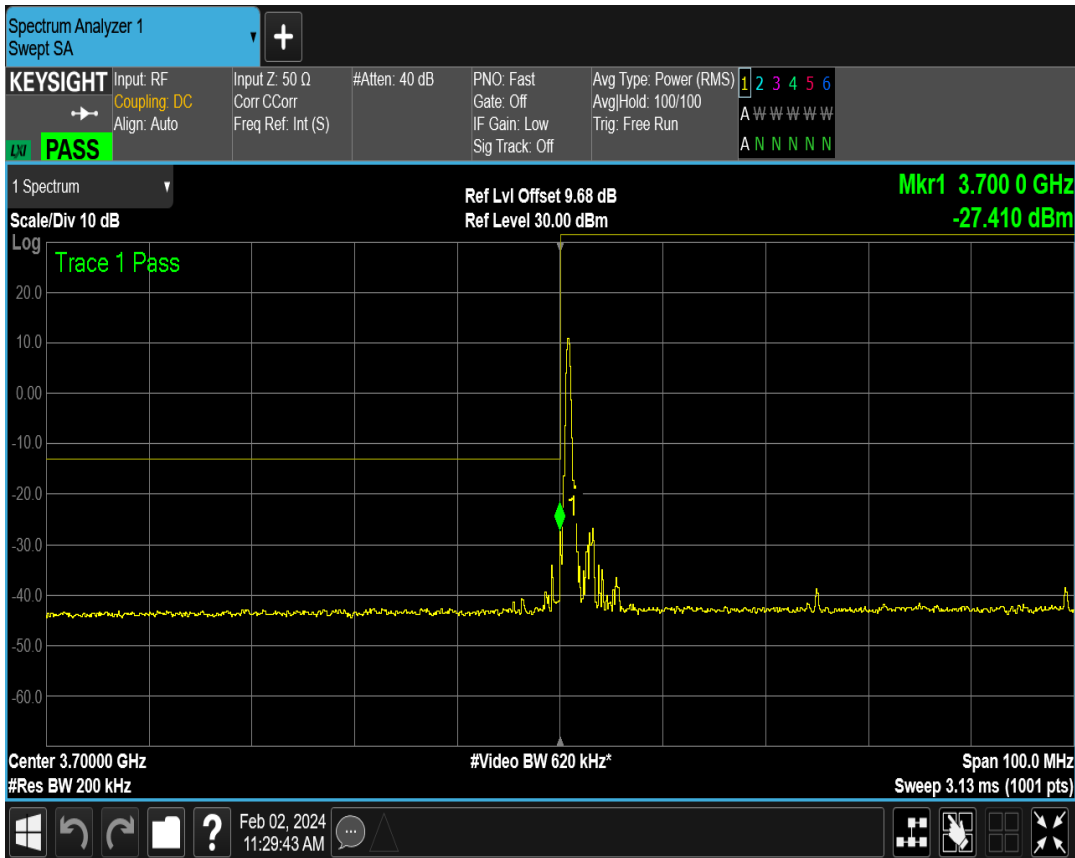
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



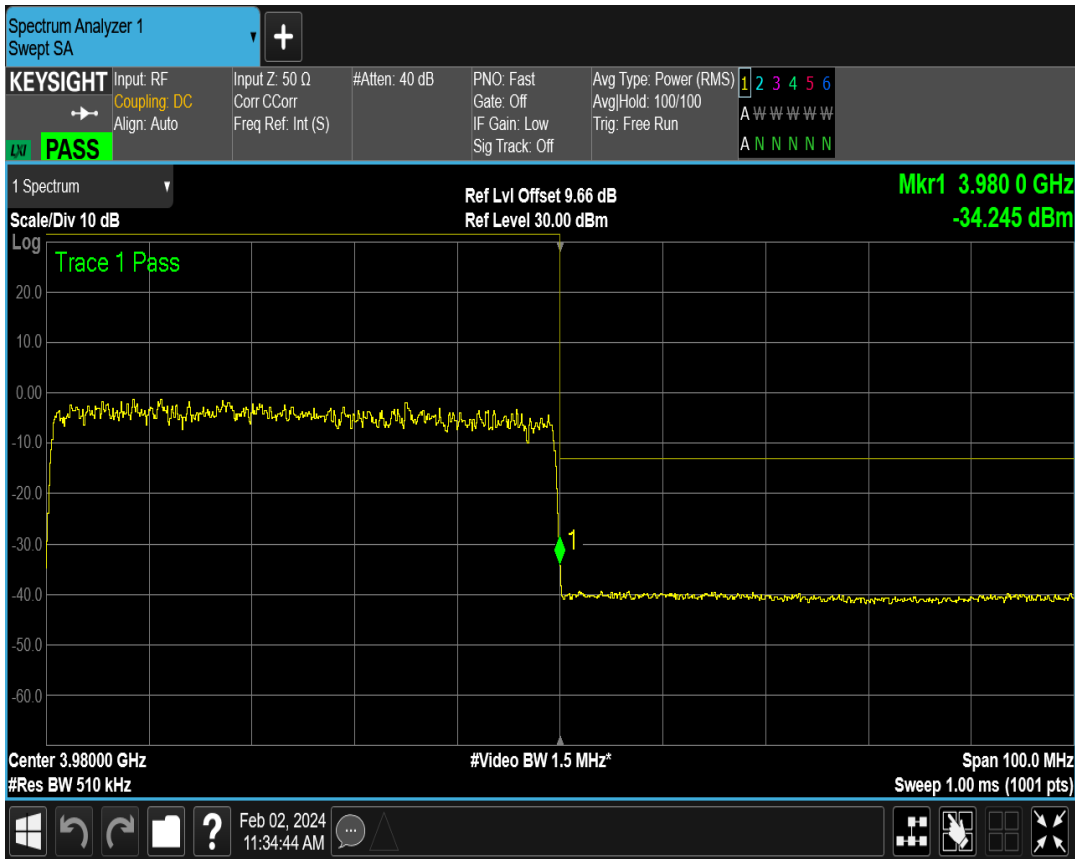
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



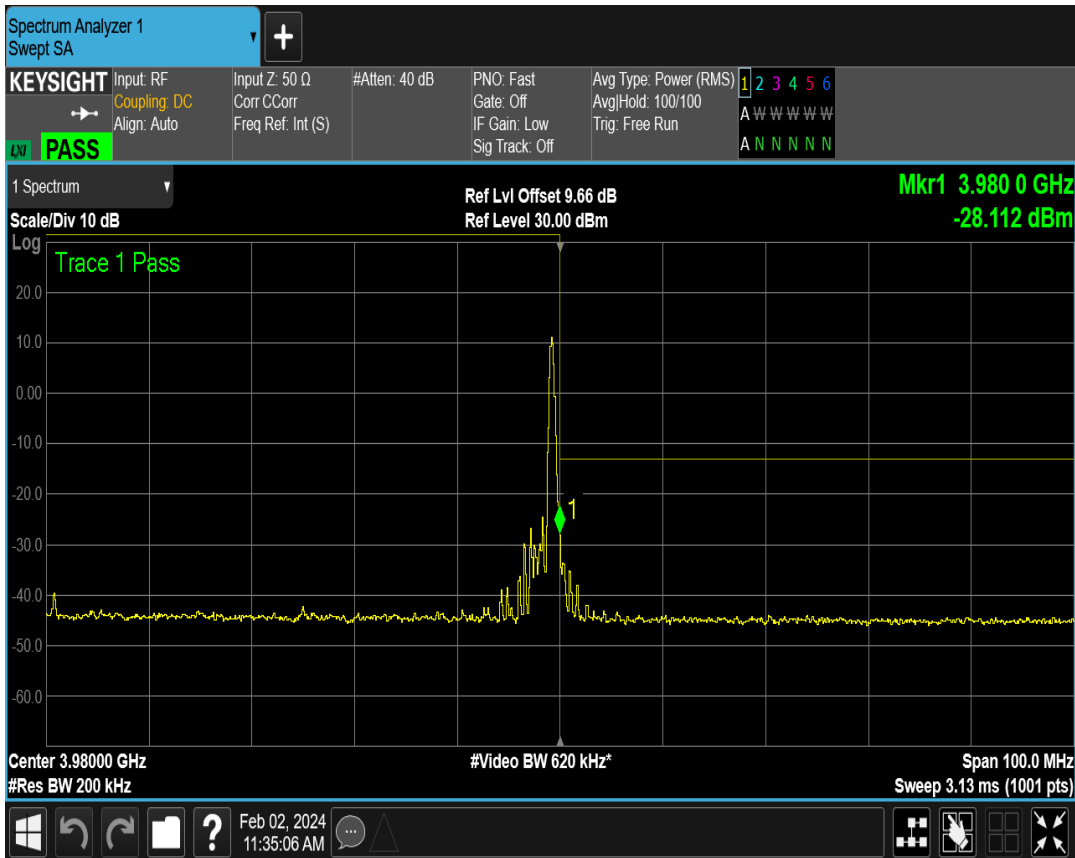
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@0



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



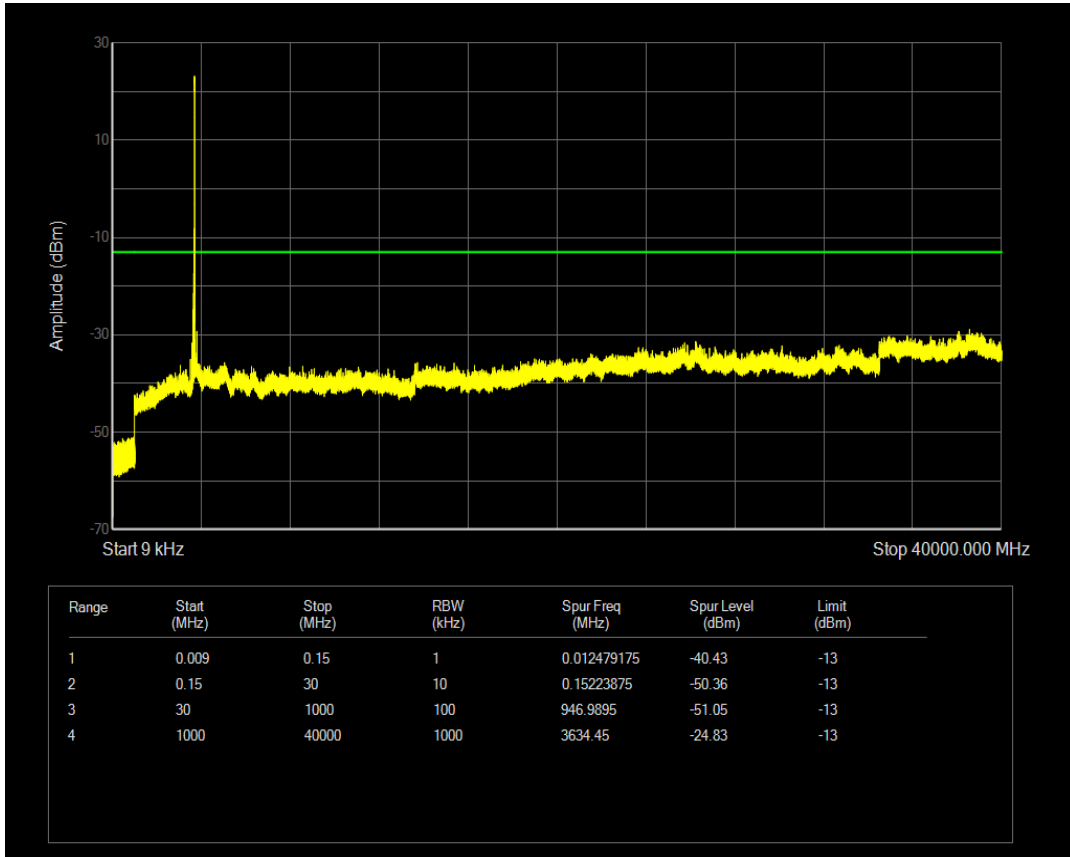
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=663666 RB=1@269



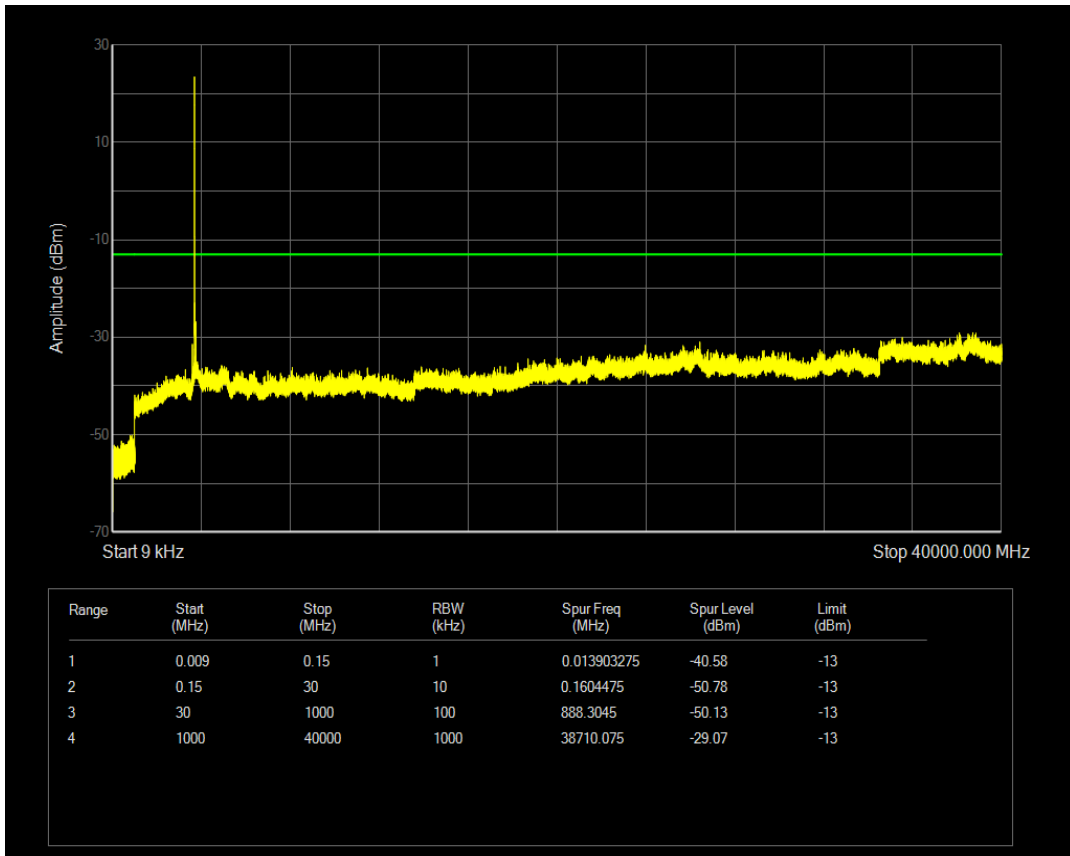
## 6 Out-of-band emissions for NR FR1

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	3634.45	-24.83	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	38710.08	-29.07	-13	PASS
n77(3700-3980)	15	10	647000	1@51	DFT_QPSK	38066.58	-28.47	-13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	38869.00	-28.99	-13	PASS
n77(3700-3980)	15	10	656000	1@0	DFT_QPSK	35584.23	-28.71	-13	PASS
n77(3700-3980)	15	10	656000	1@51	DFT_QPSK	38723.73	-29.67	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	4025.43	-24.21	-13	PASS
n77(3700-3980)	15	10	665000	1@0	DFT_QPSK	4031.28	-26.89	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	35662.23	-28.72	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	38877.78	-28.72	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	38717.88	-29.01	-13	PASS
n77(3700-3980)	15	50	648334	1@269	DFT_QPSK	38781.25	-28.63	-13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	38872.90	-29.15	-13	PASS
n77(3700-3980)	15	50	656000	1@0	DFT_QPSK	38699.35	-28.96	-13	PASS
n77(3700-3980)	15	50	656000	1@269	DFT_QPSK	38630.13	-29.23	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	38887.53	-29.22	-13	PASS
n77(3700-3980)	15	50	663666	1@0	DFT_QPSK	38544.33	-29.05	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	38931.40	-28.04	-13	PASS

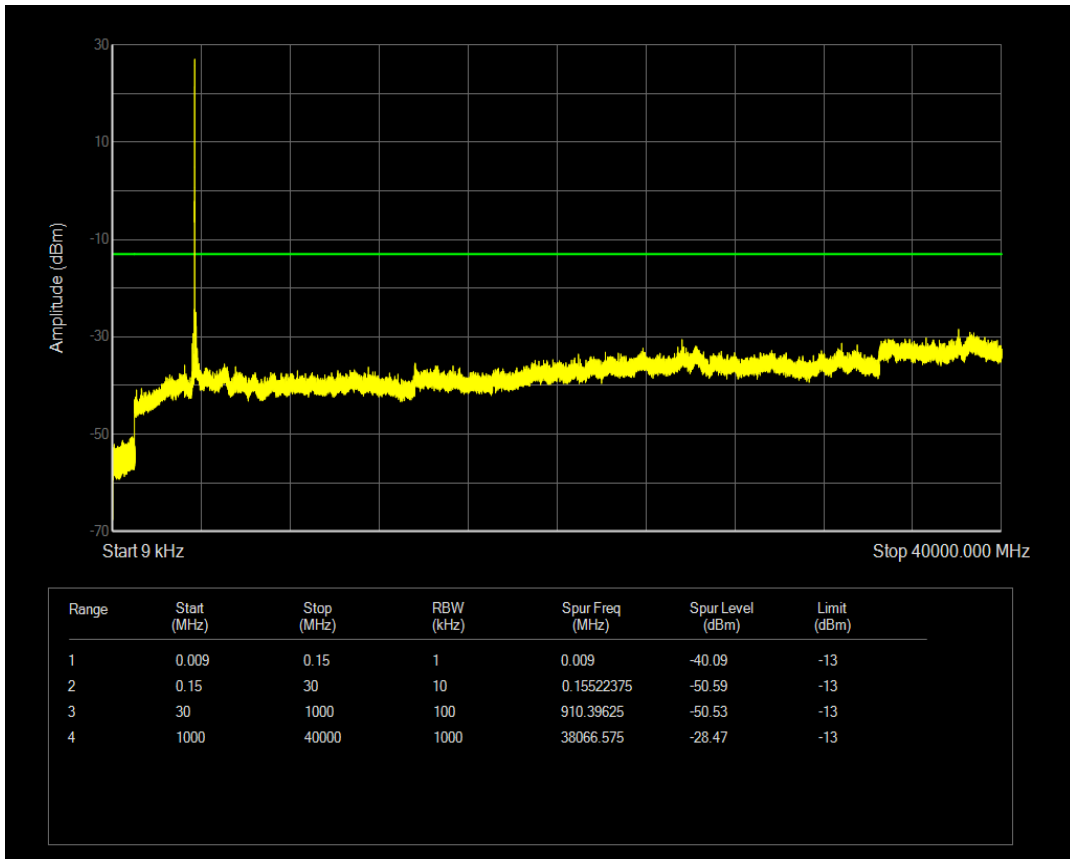
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



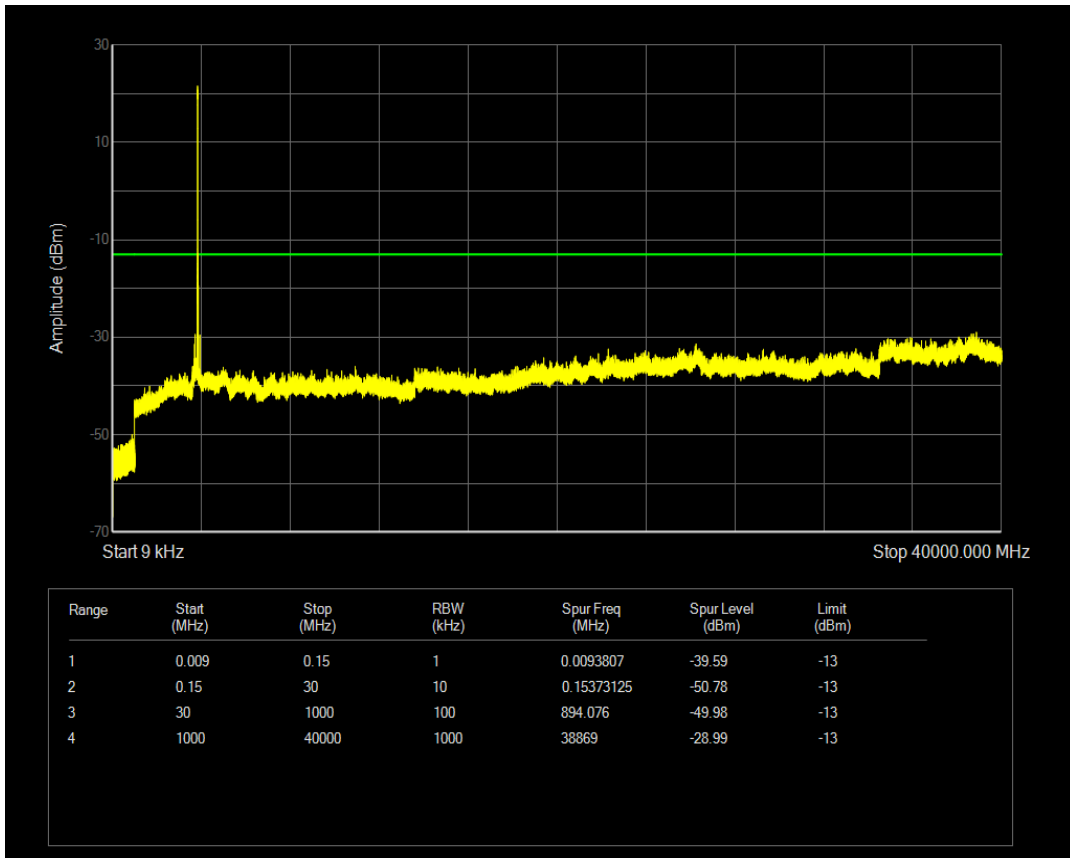
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



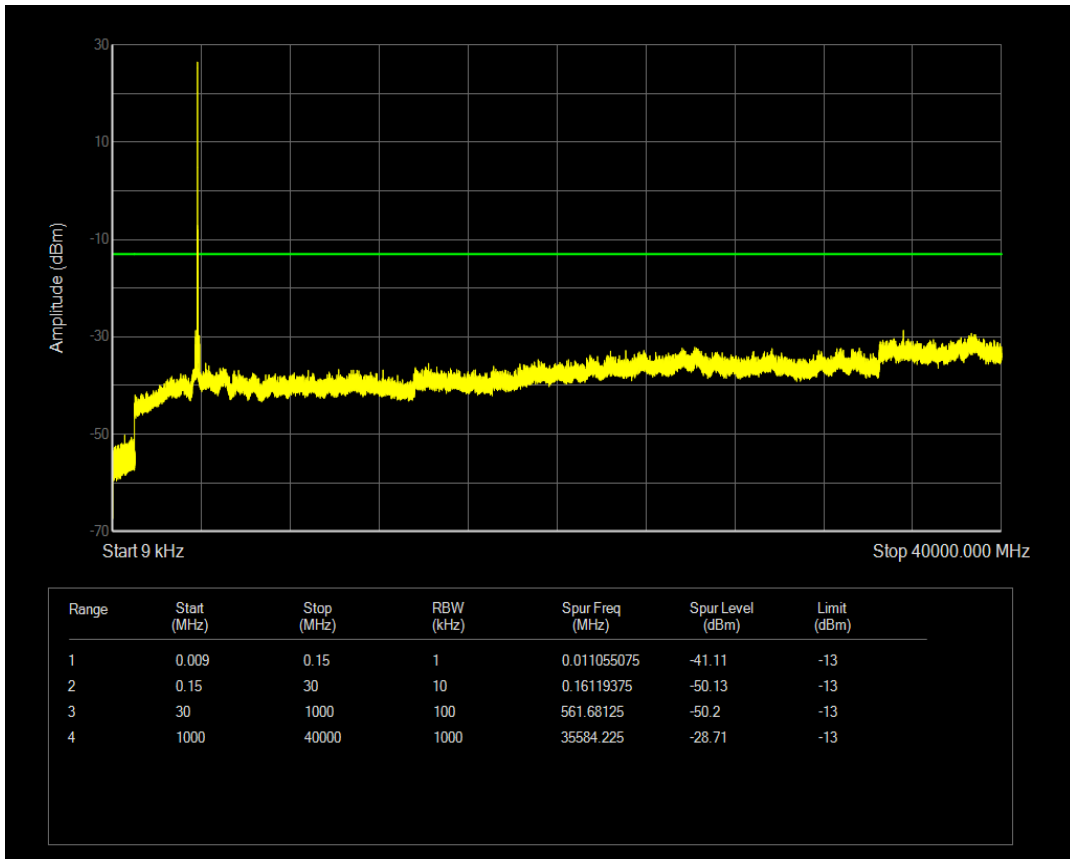
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@51



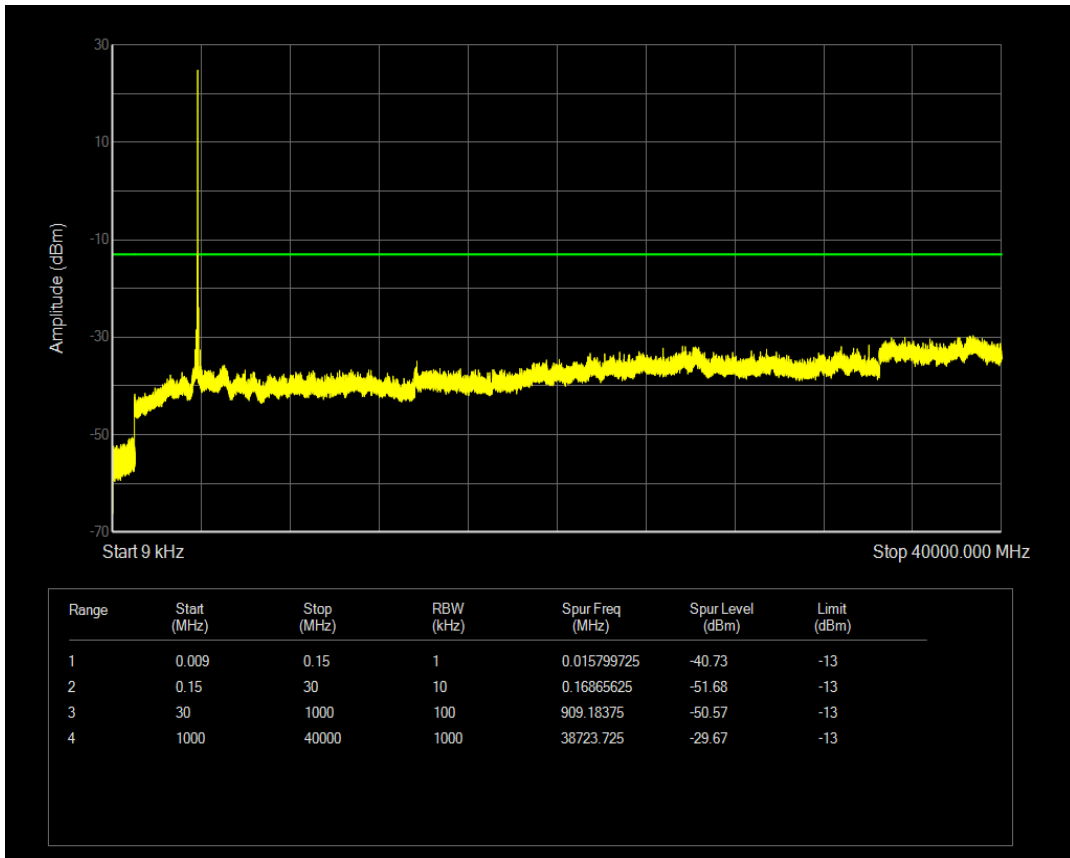
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=50@0



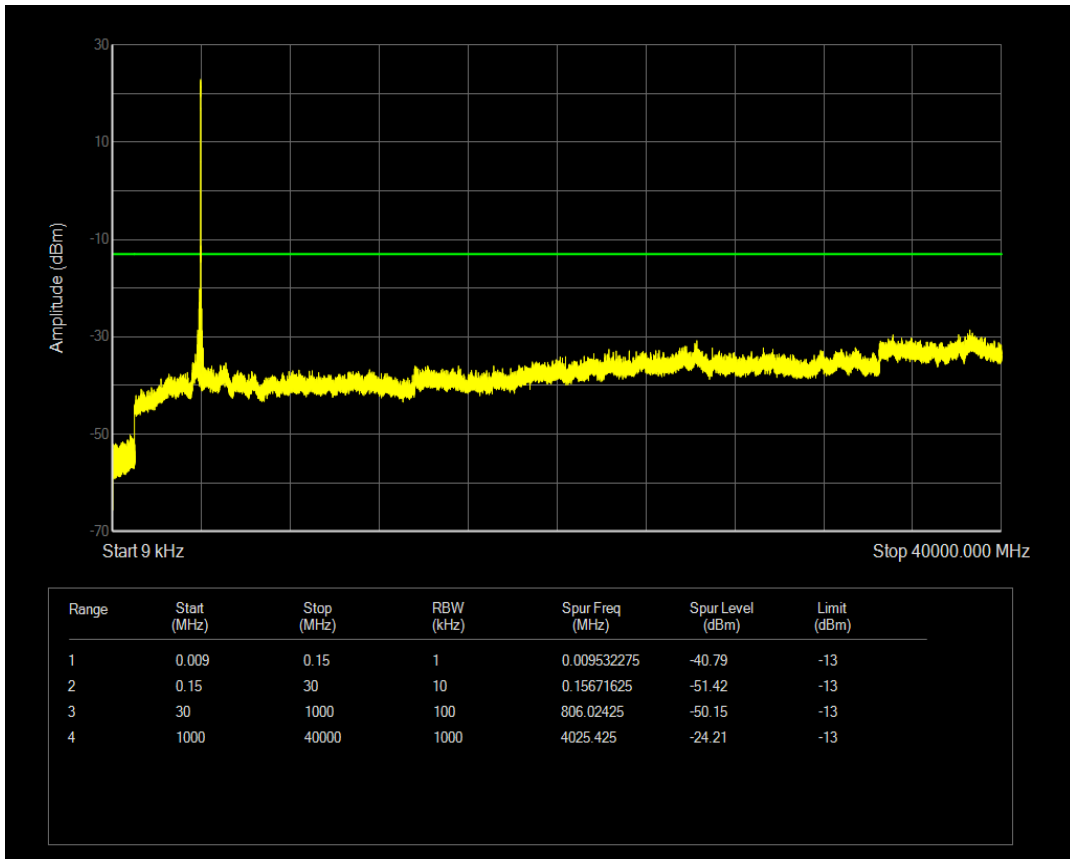
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0



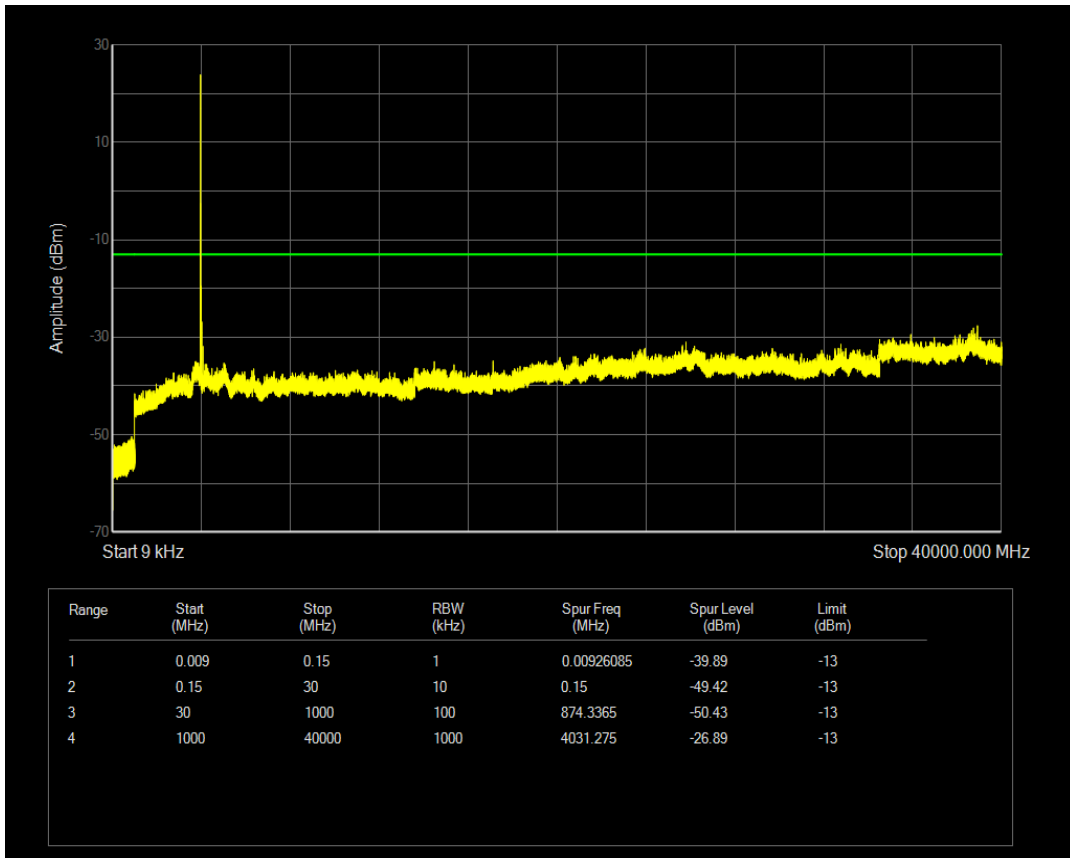
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@51



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

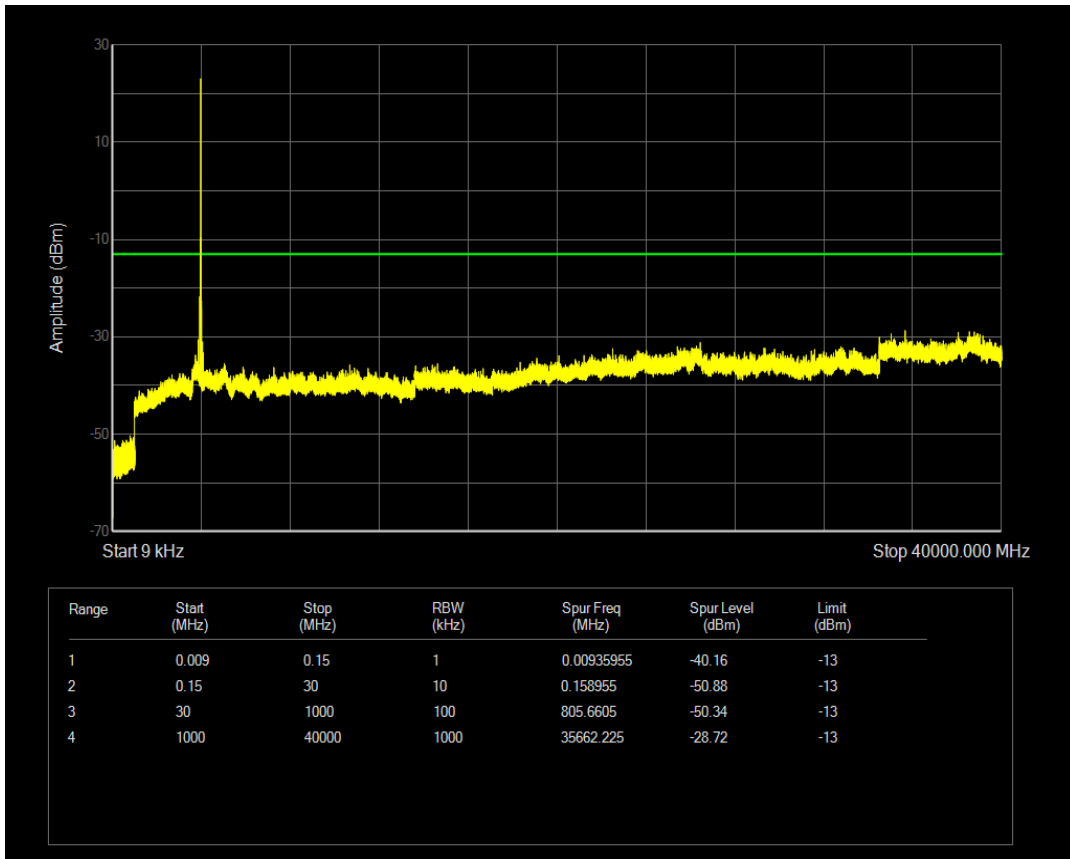


n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@0

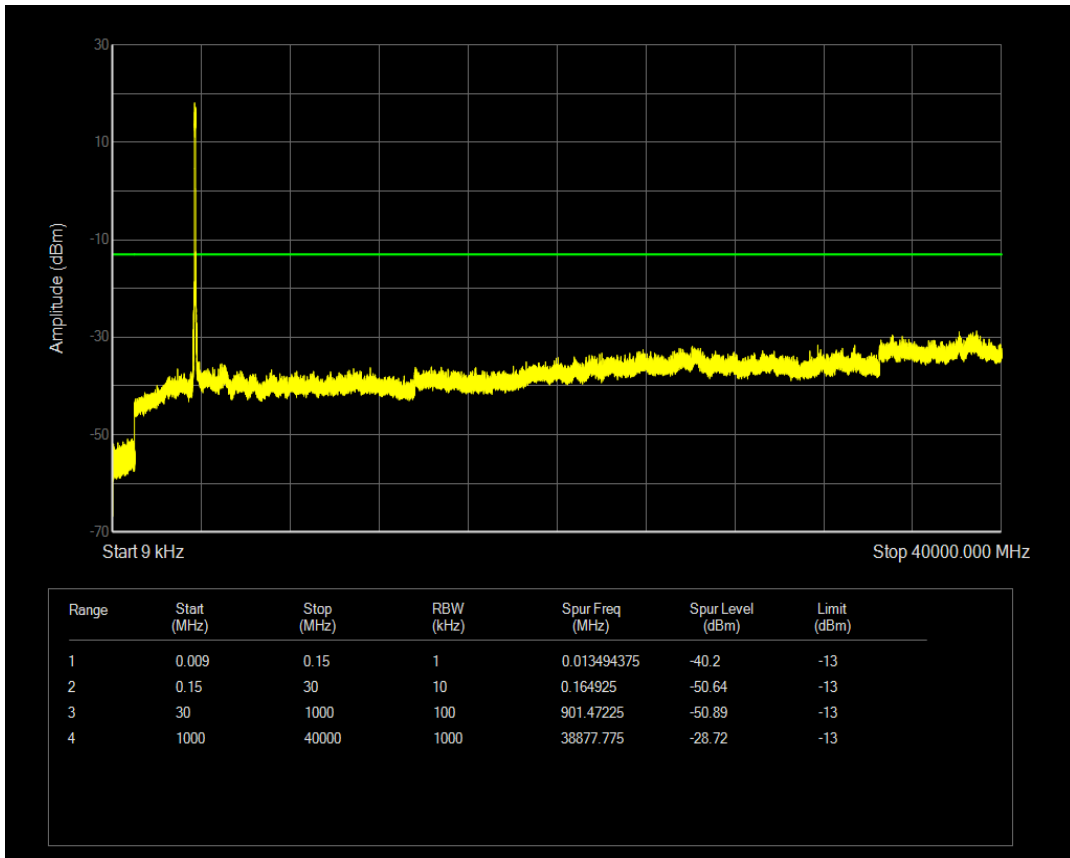




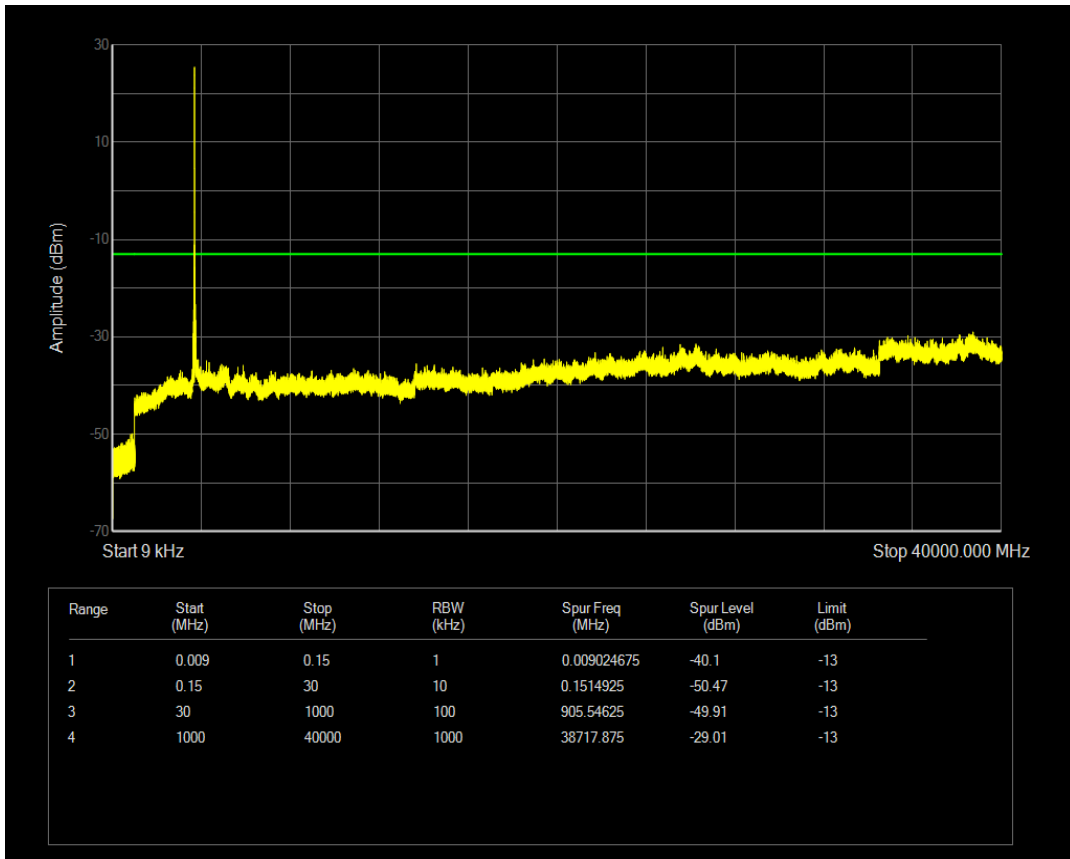
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@51



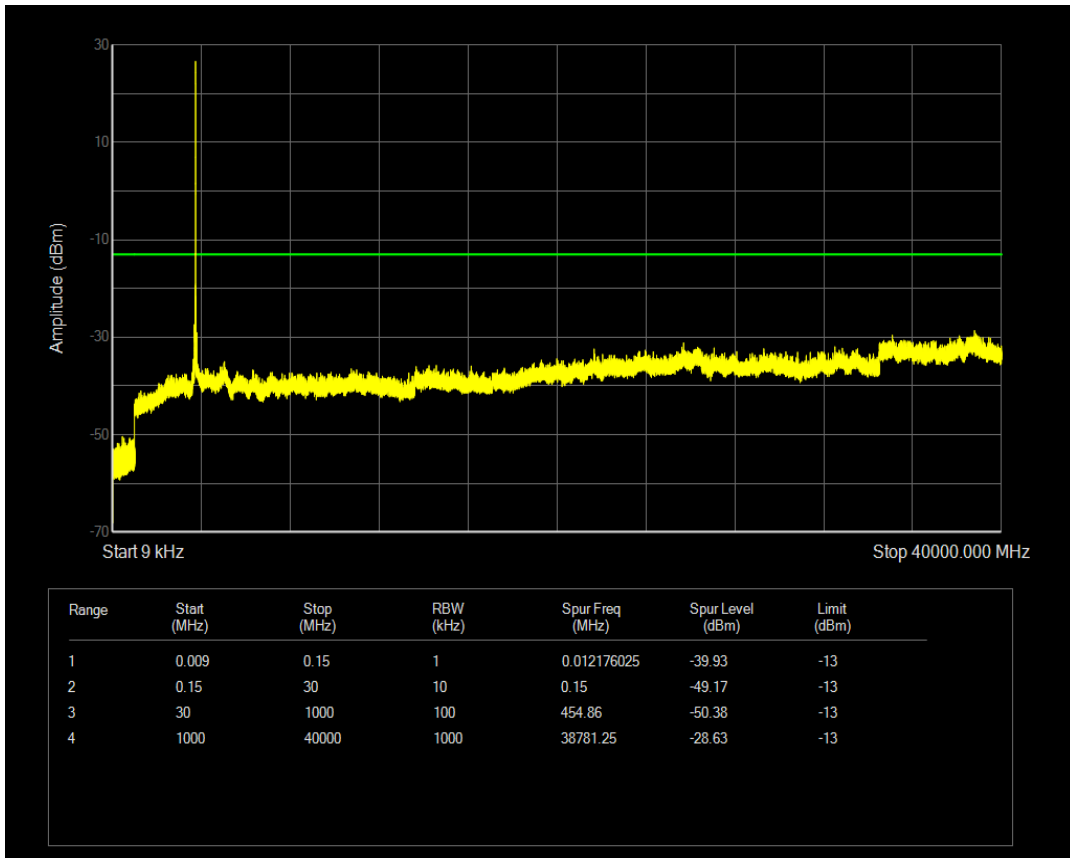
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



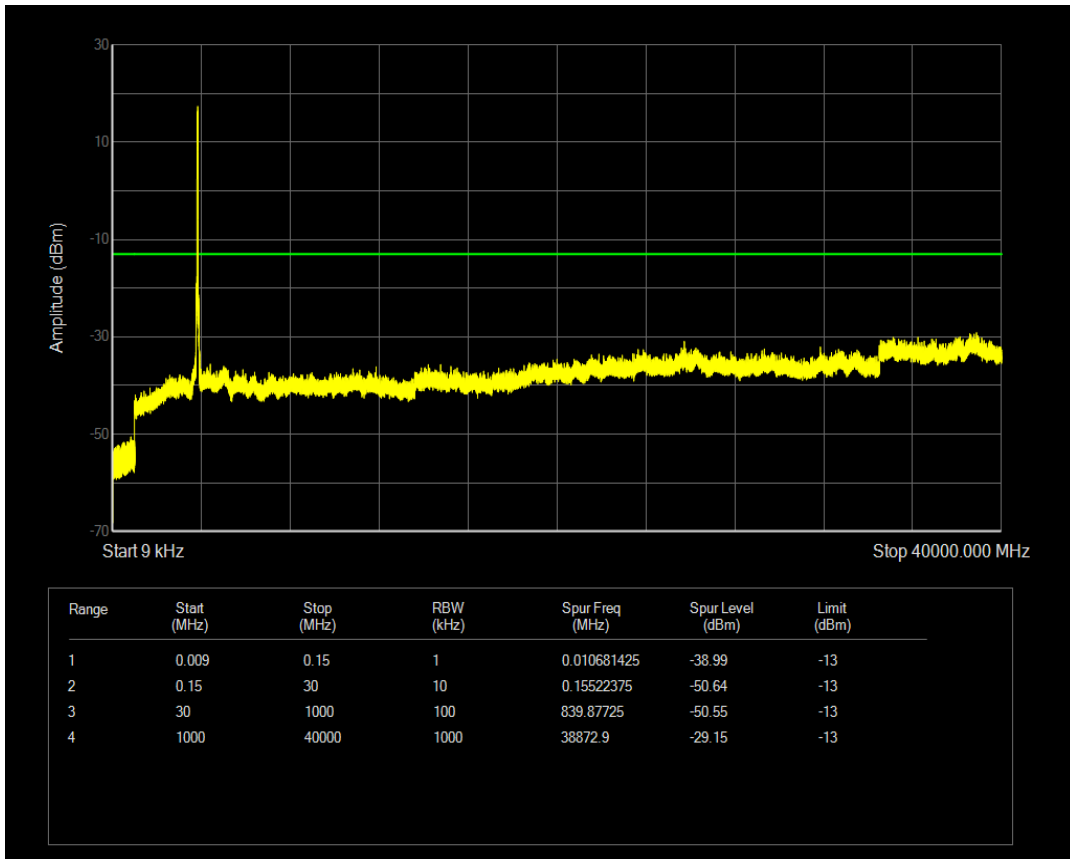
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @0



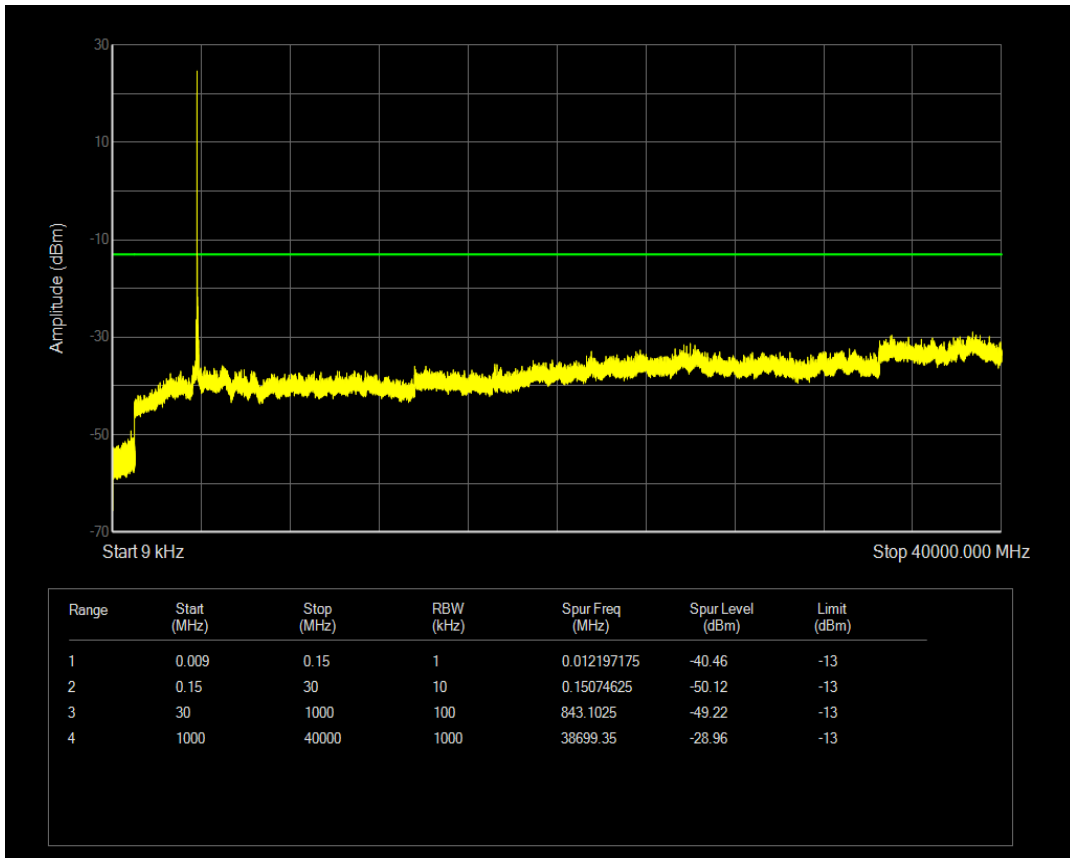
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @269



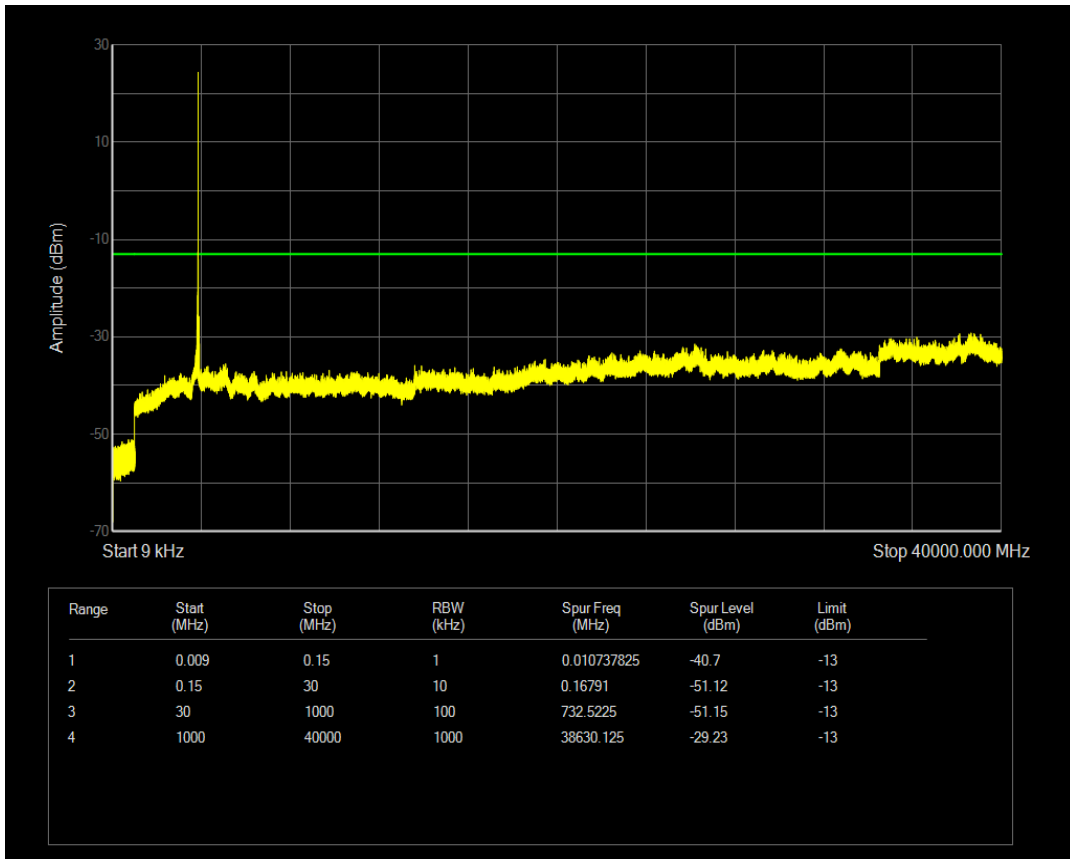
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=270@0



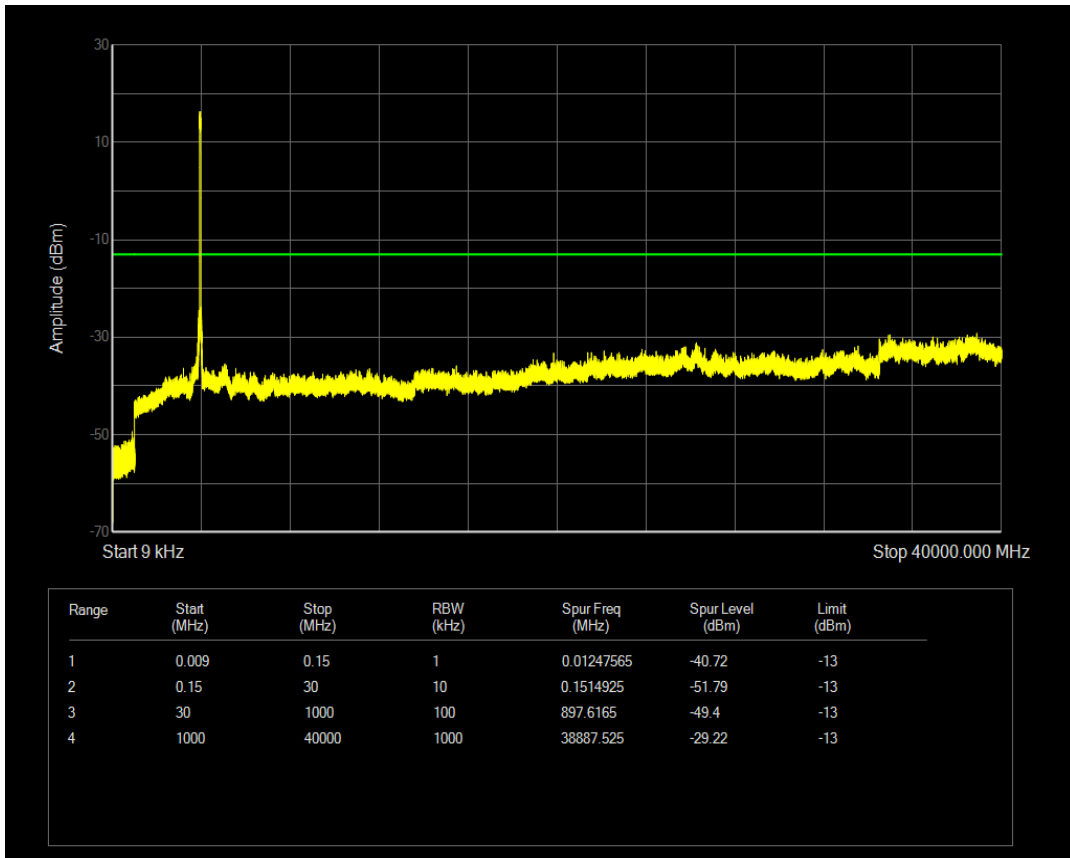
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1@0



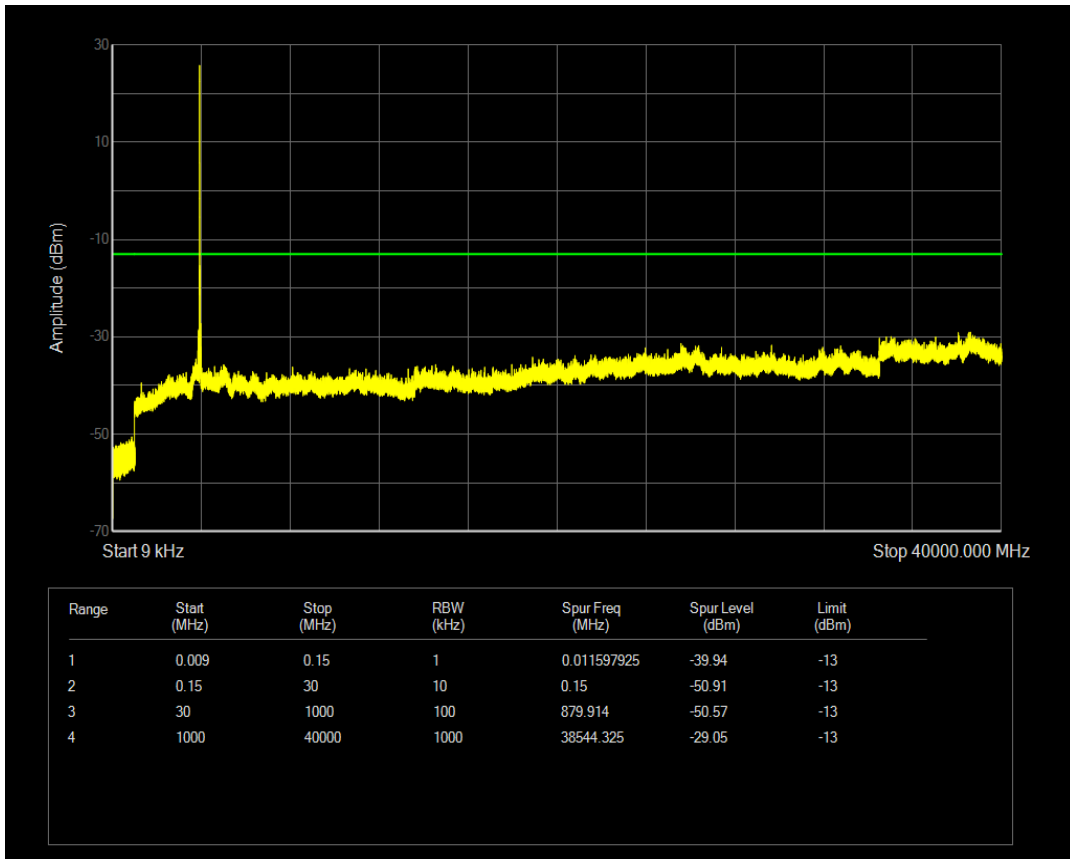
n77(3700-3980) SCS=15kHz DFT\_QPSK BW=50MHz Channel=656000 RB=1 @269



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

