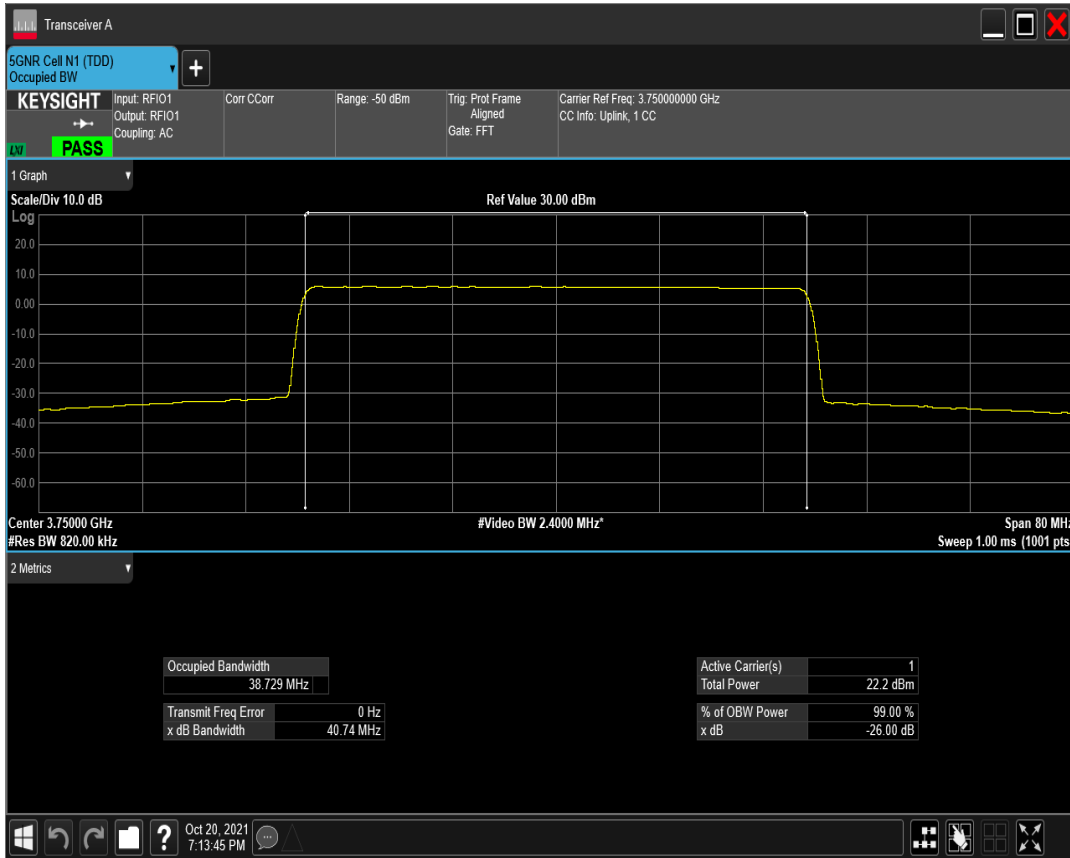
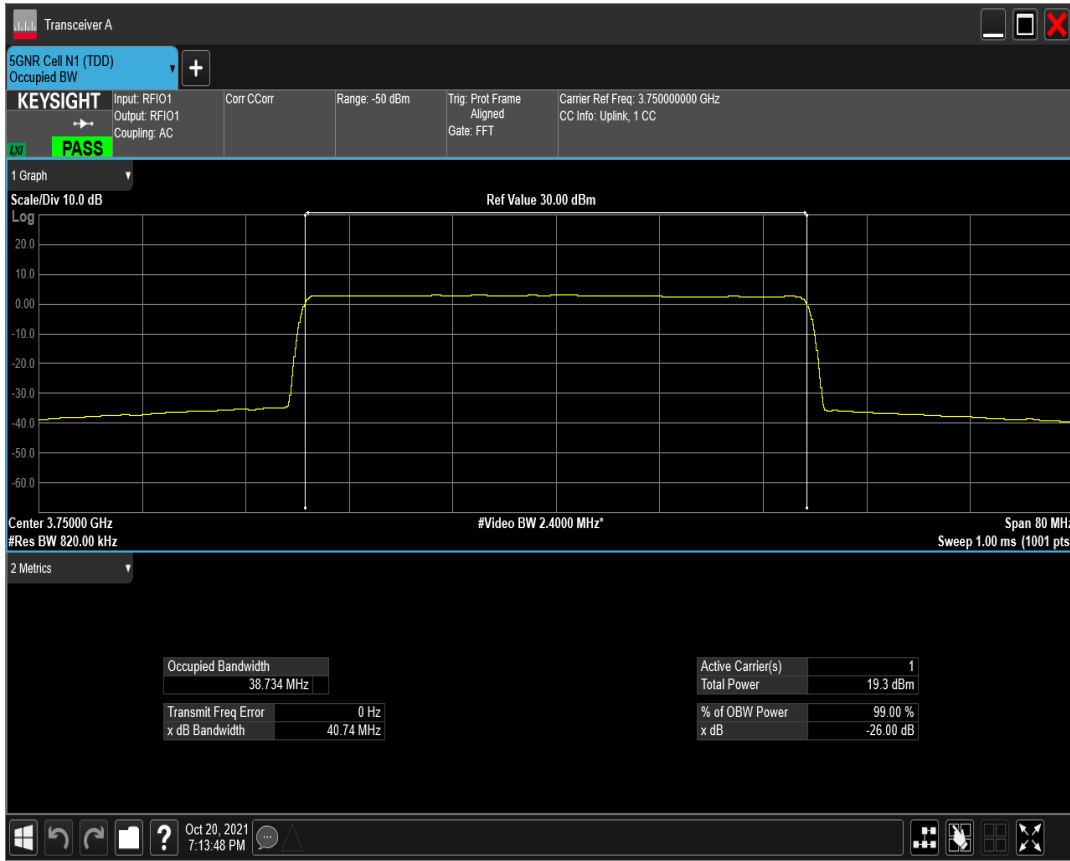


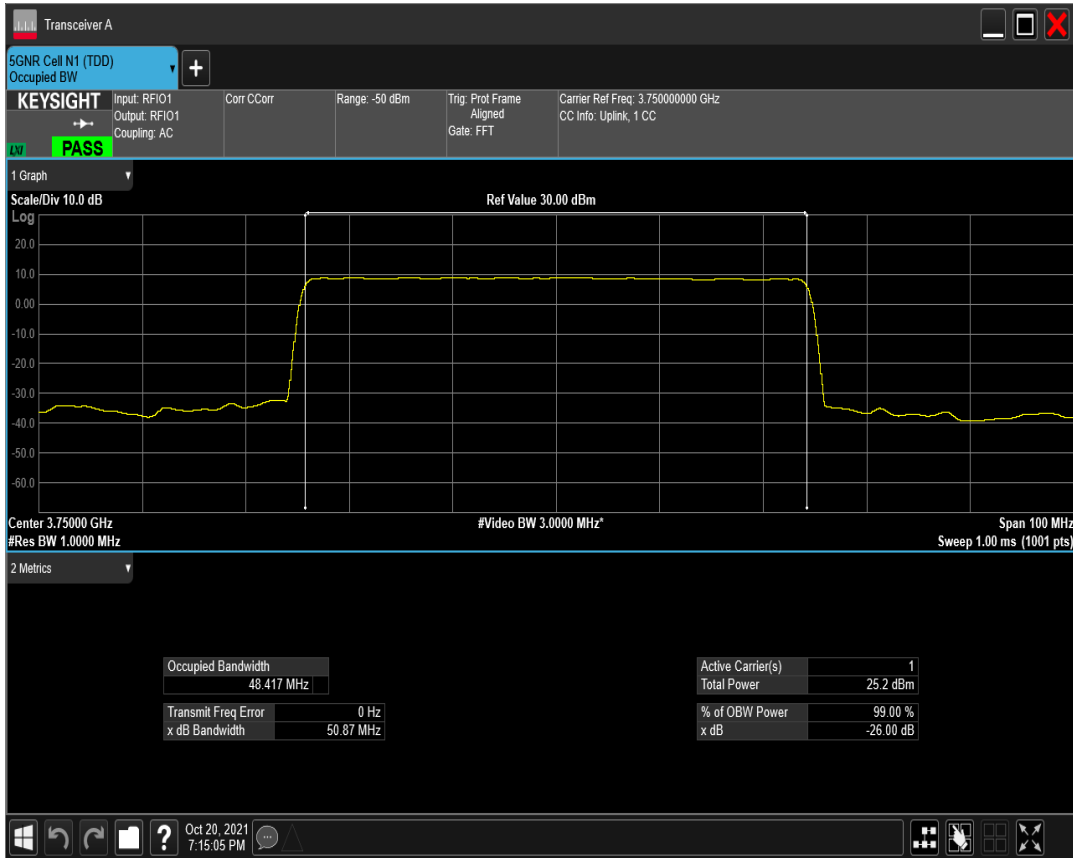
n78(3700-3800) SCS=15kHz CP\_QAM64 BW=40MHz Channel=650000 RB=216@0



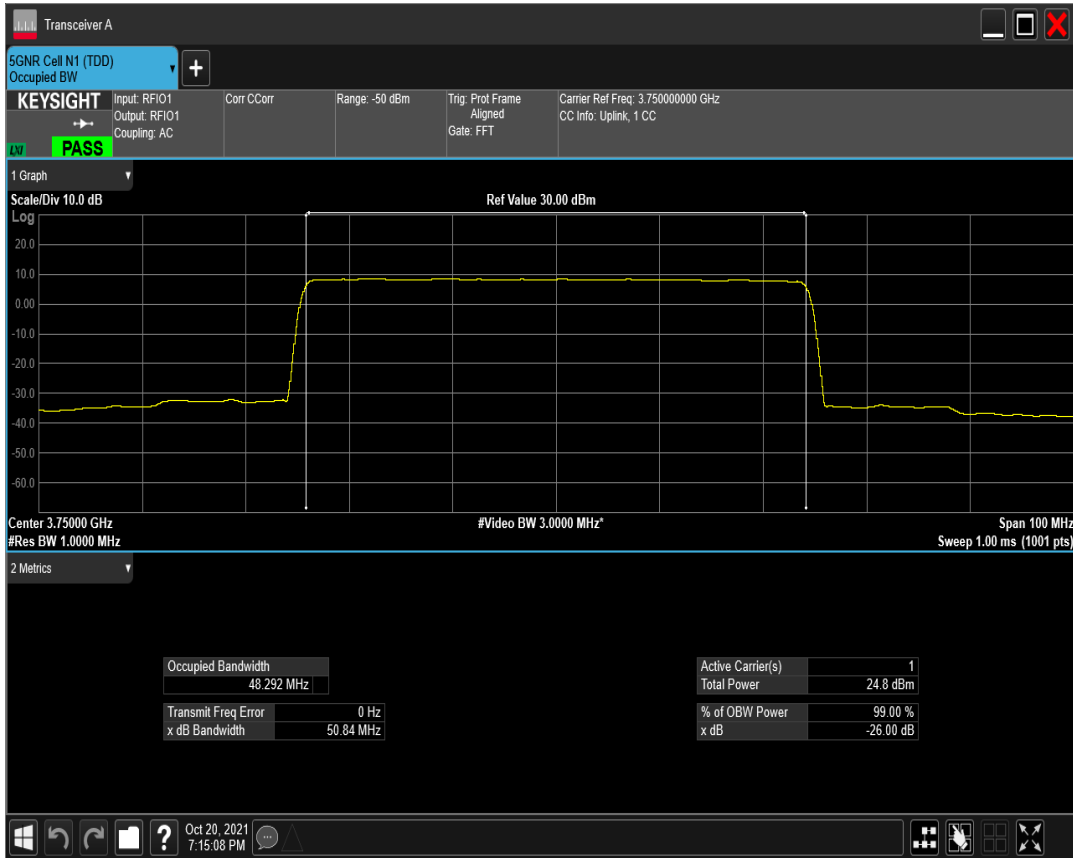
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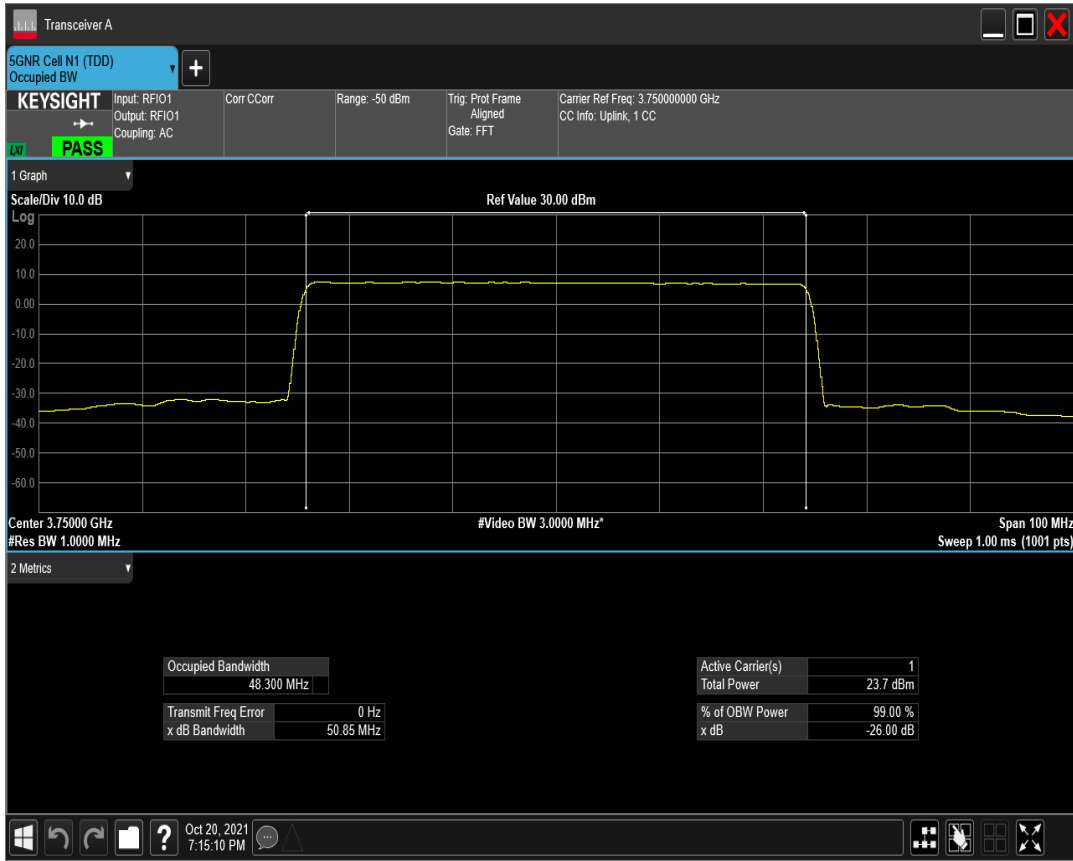
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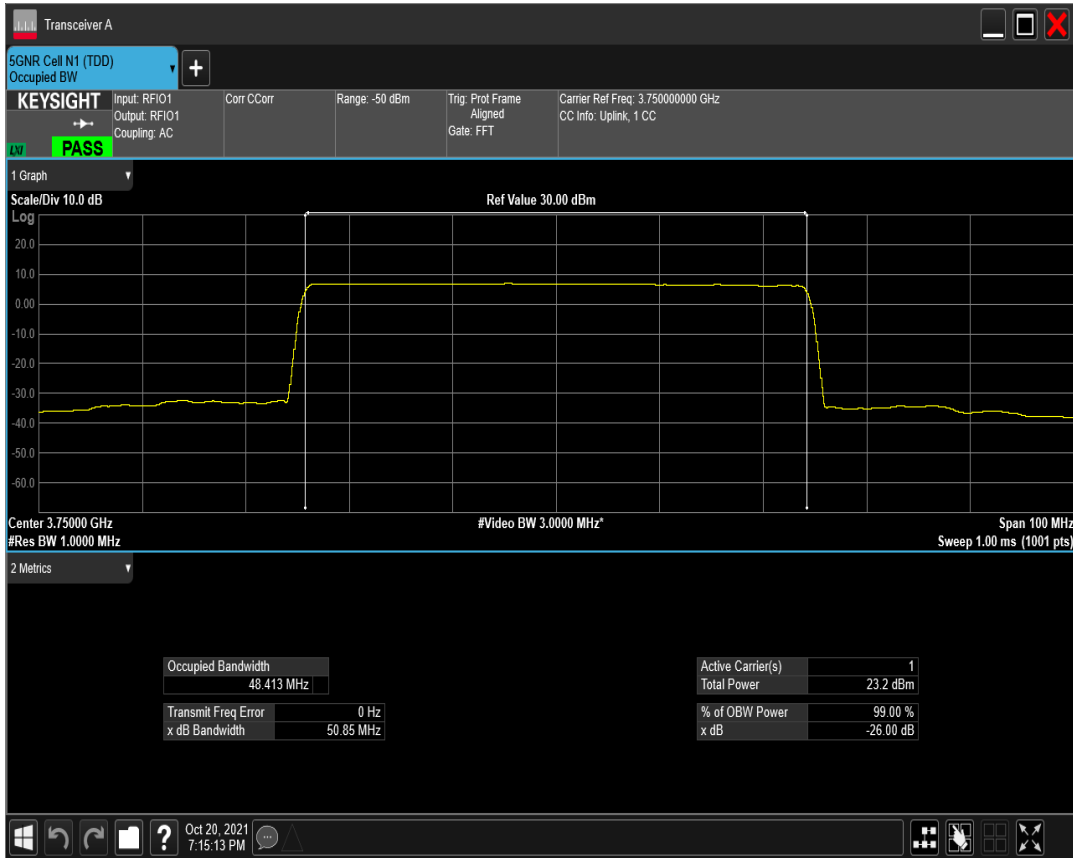
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n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=650000 RB=270@0

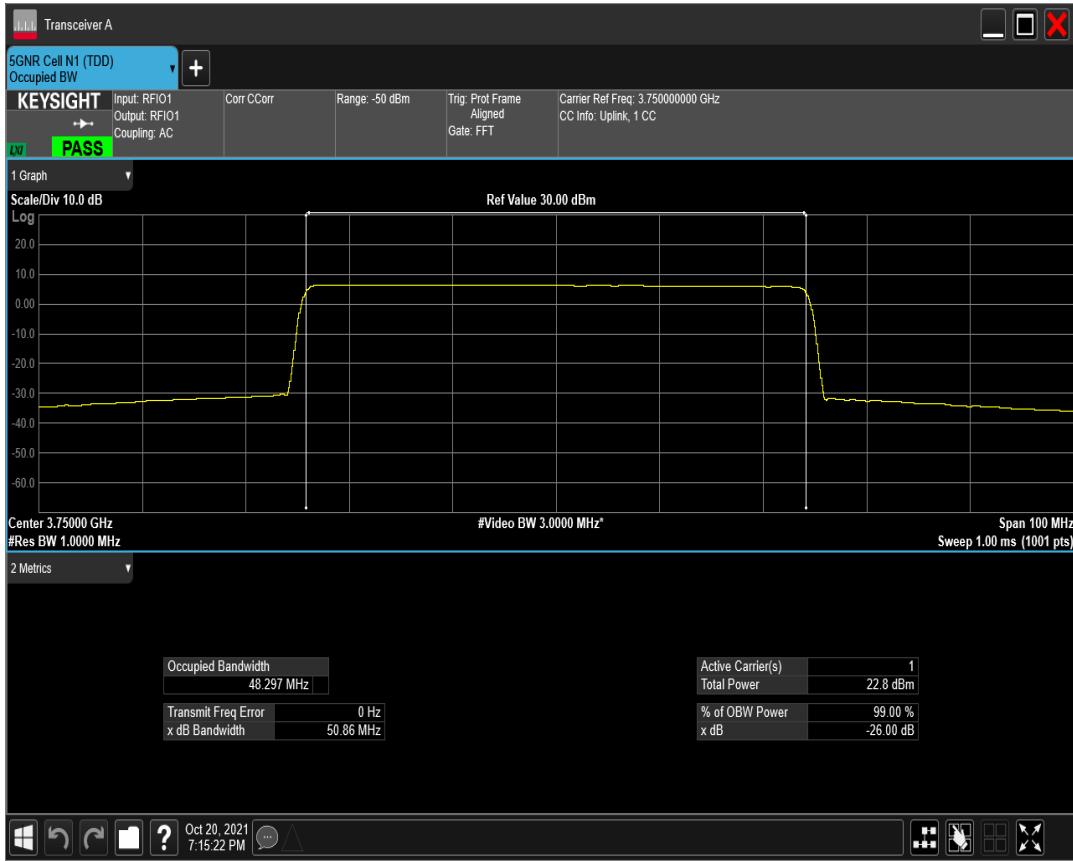


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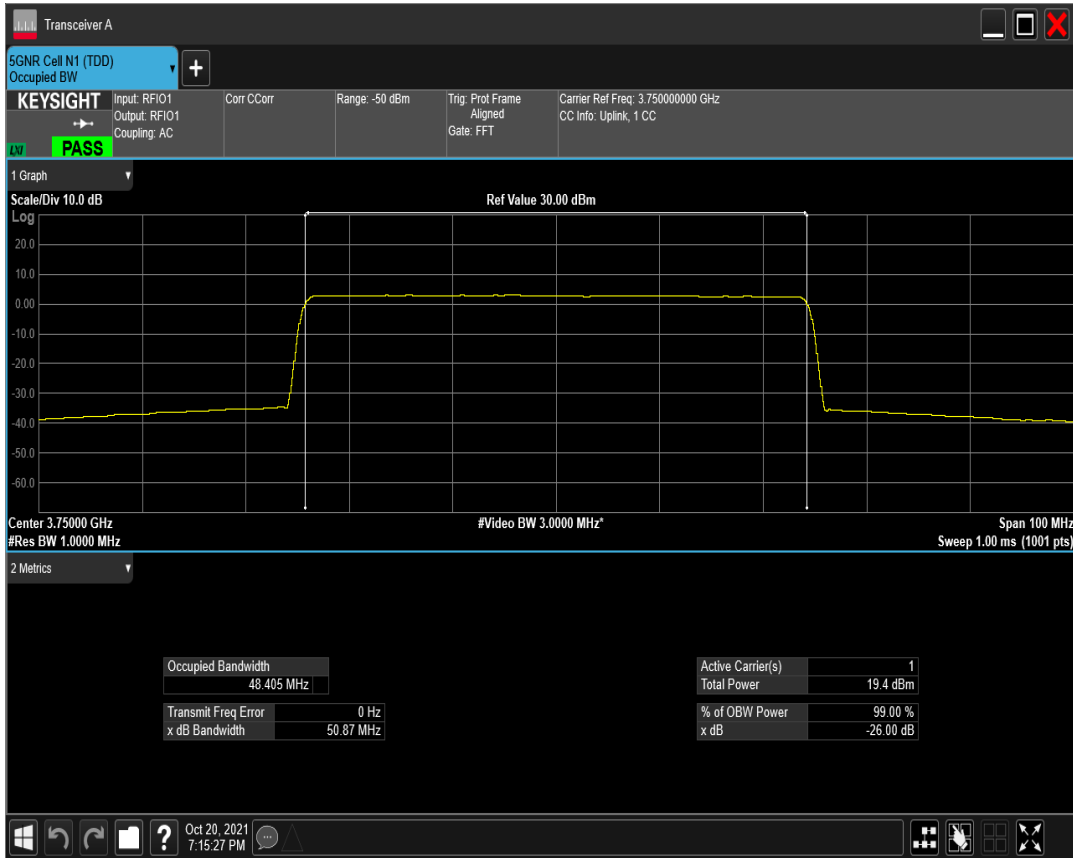
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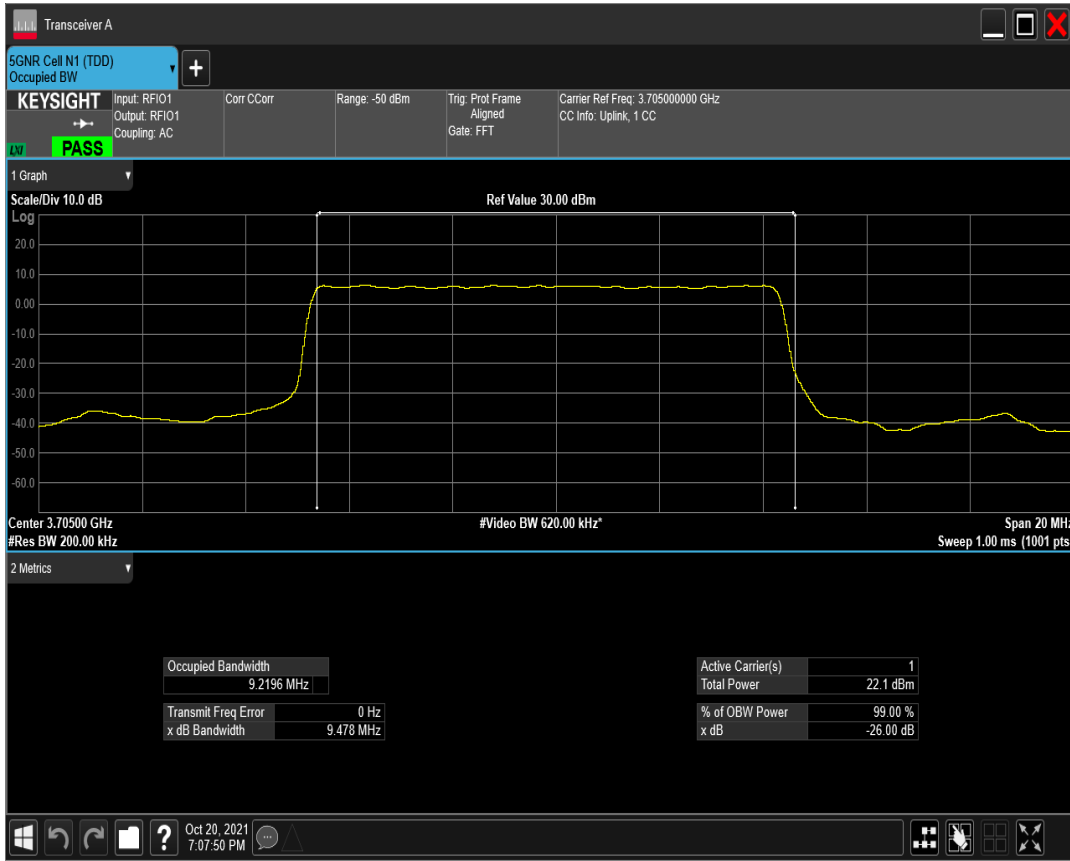
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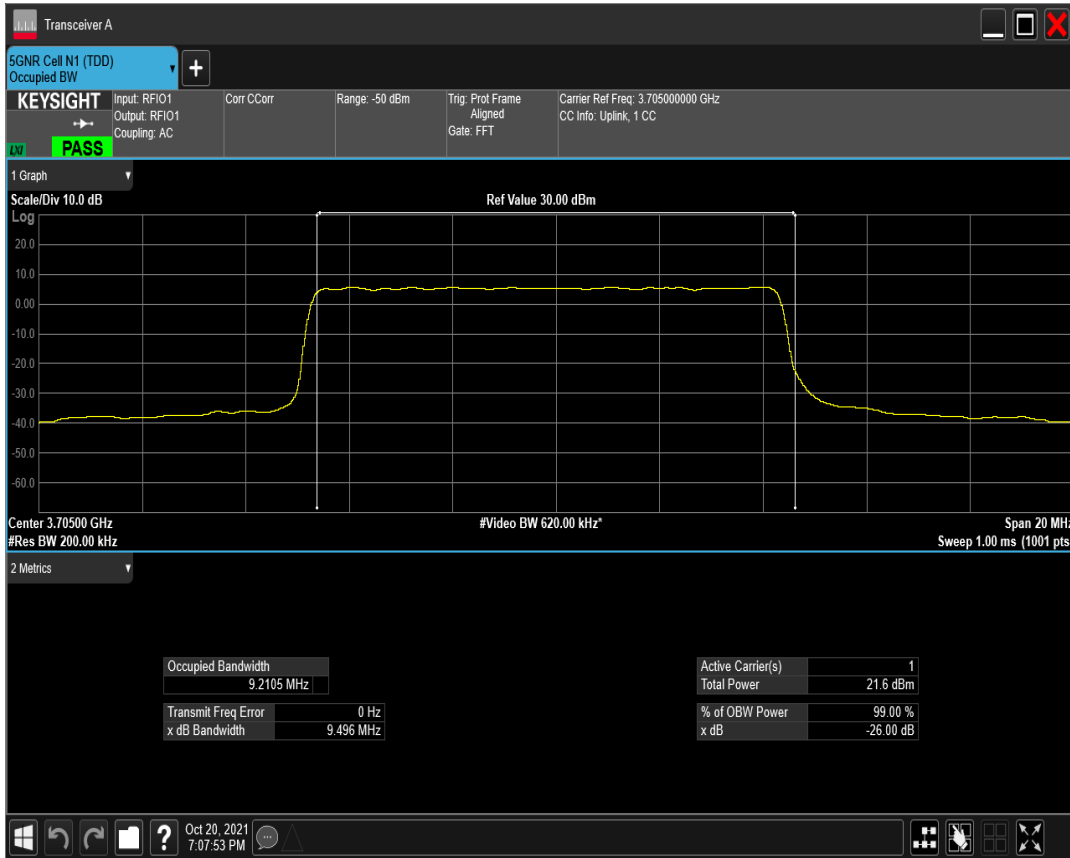
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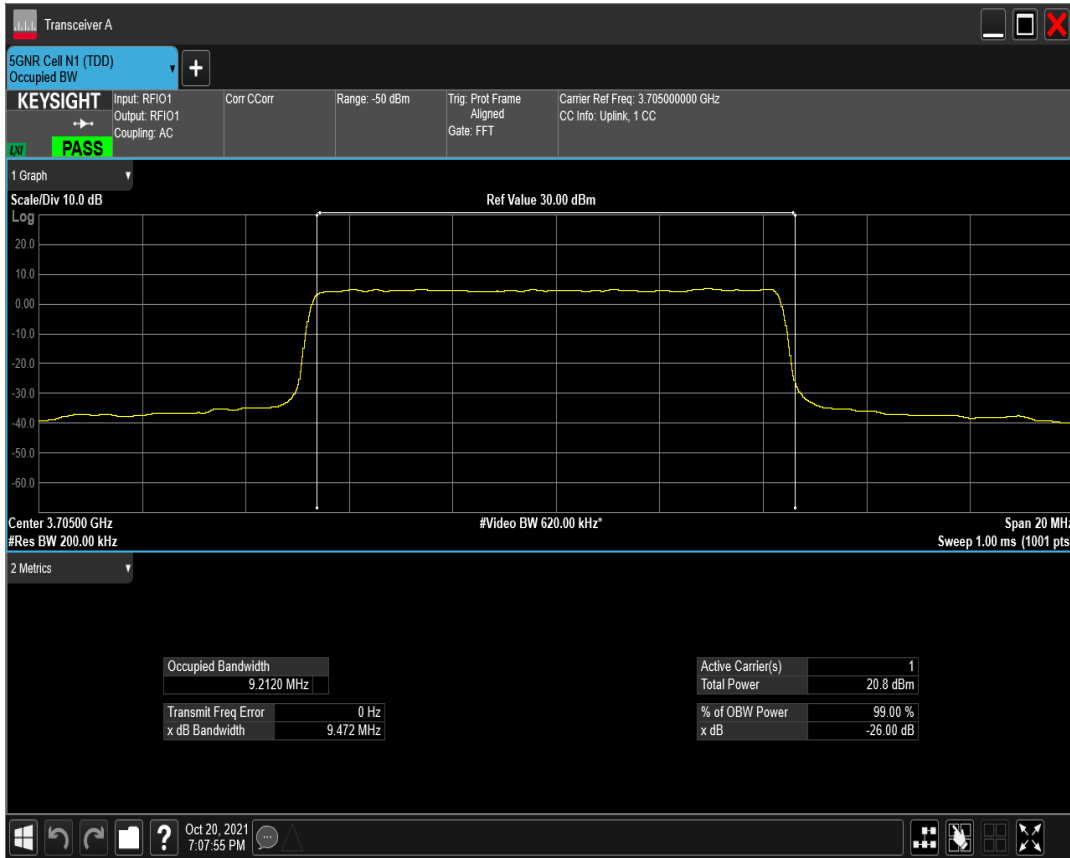
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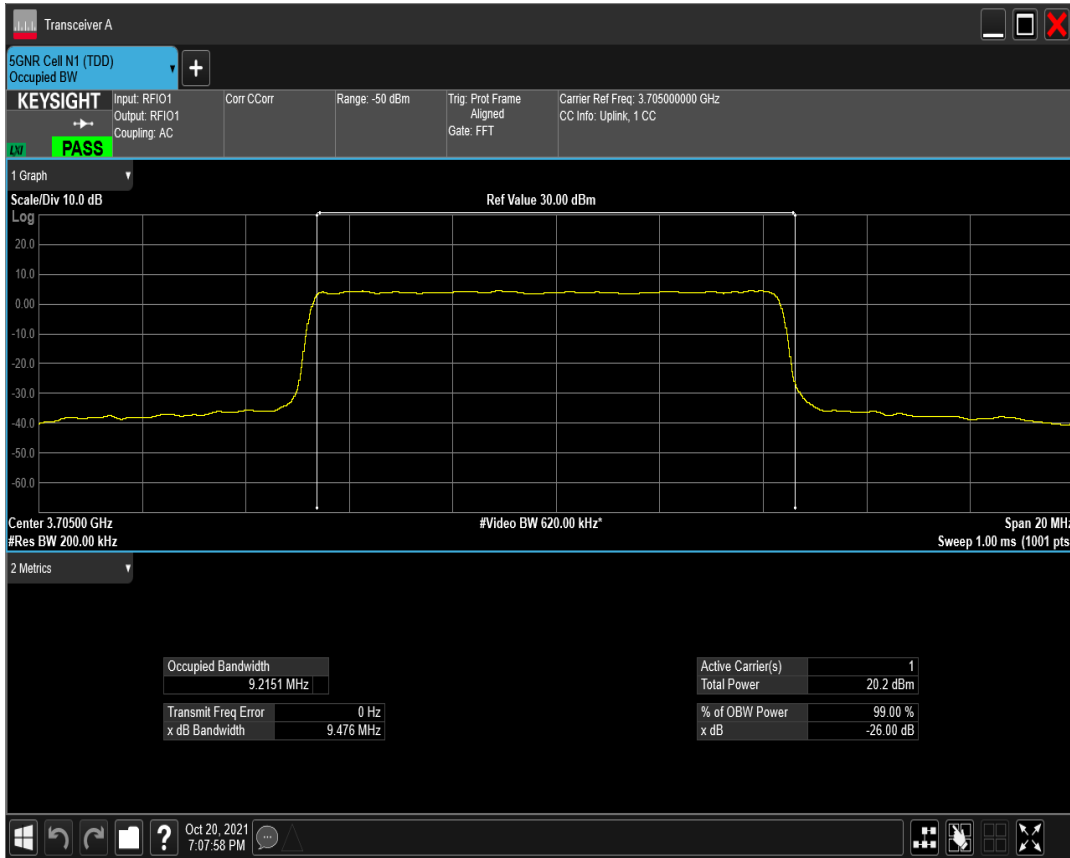
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=647000 RB=50@0

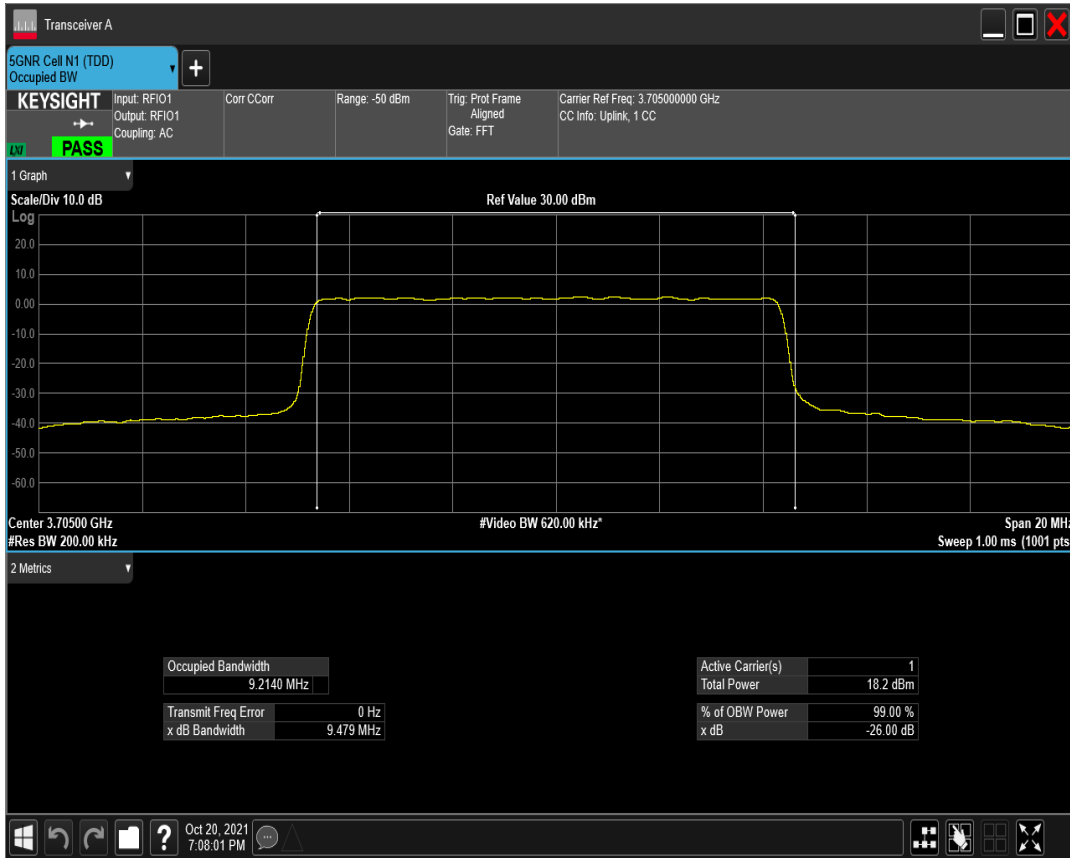


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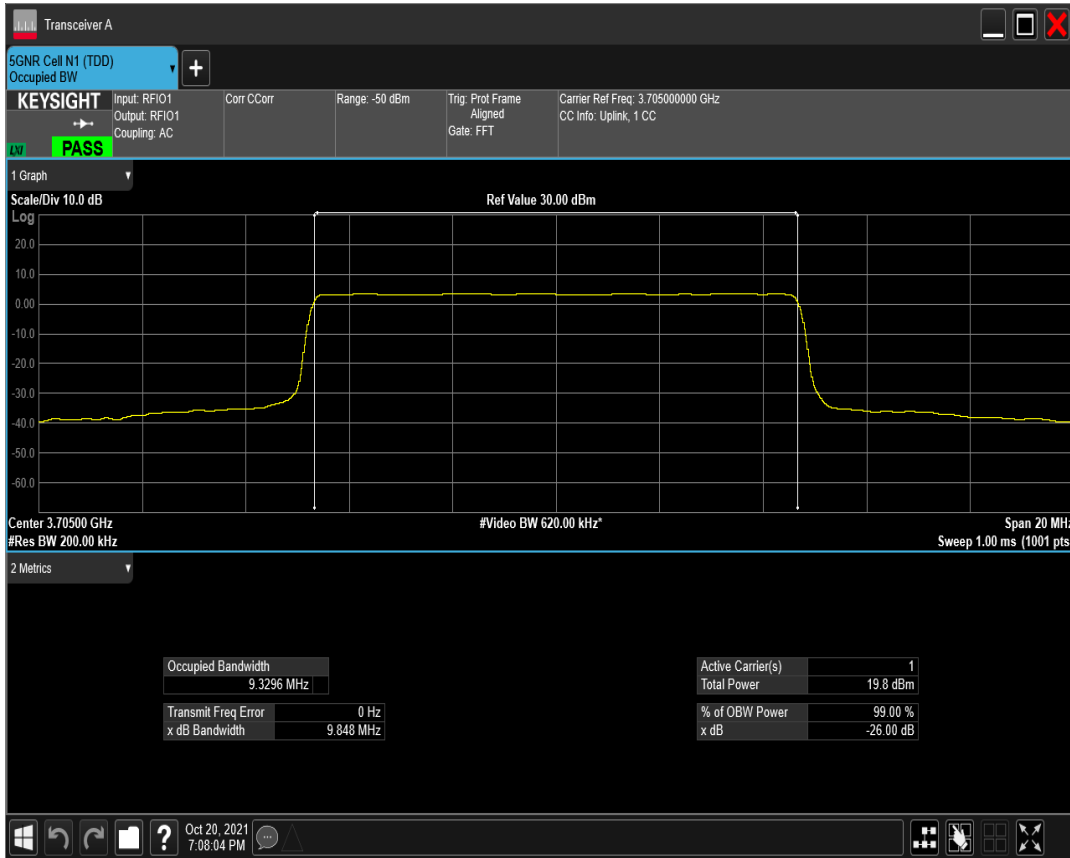


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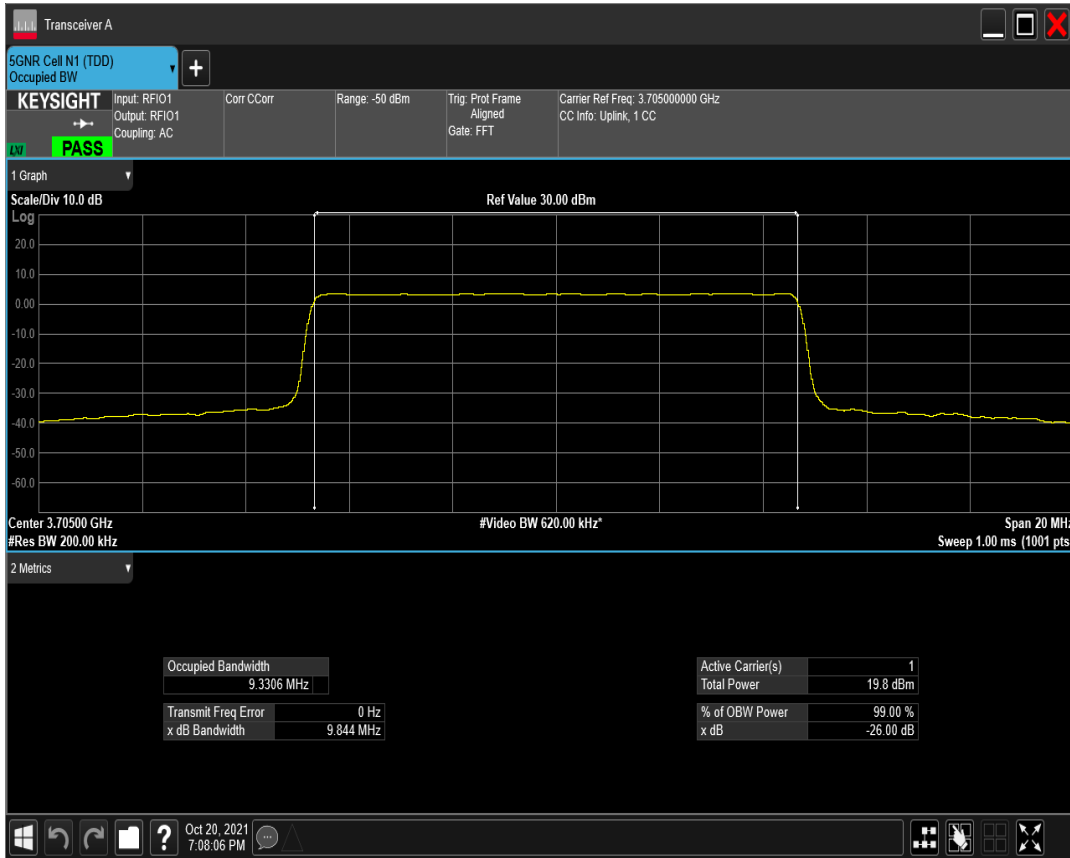




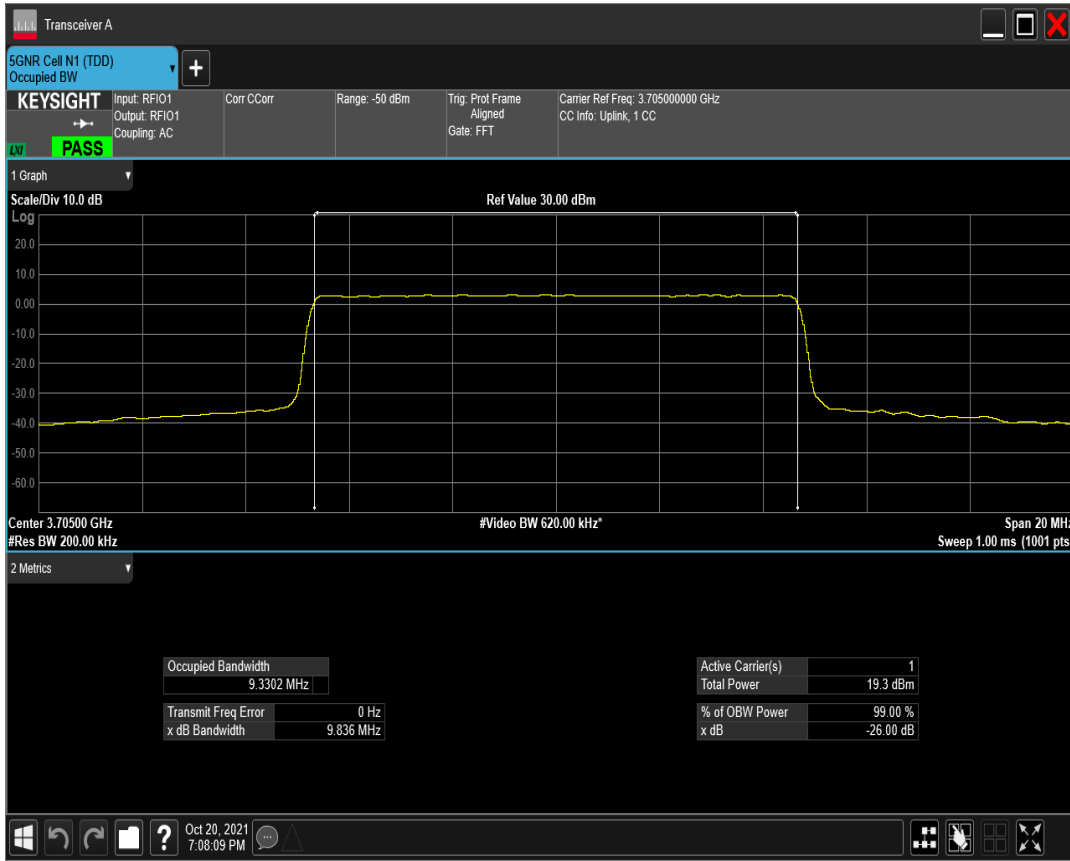
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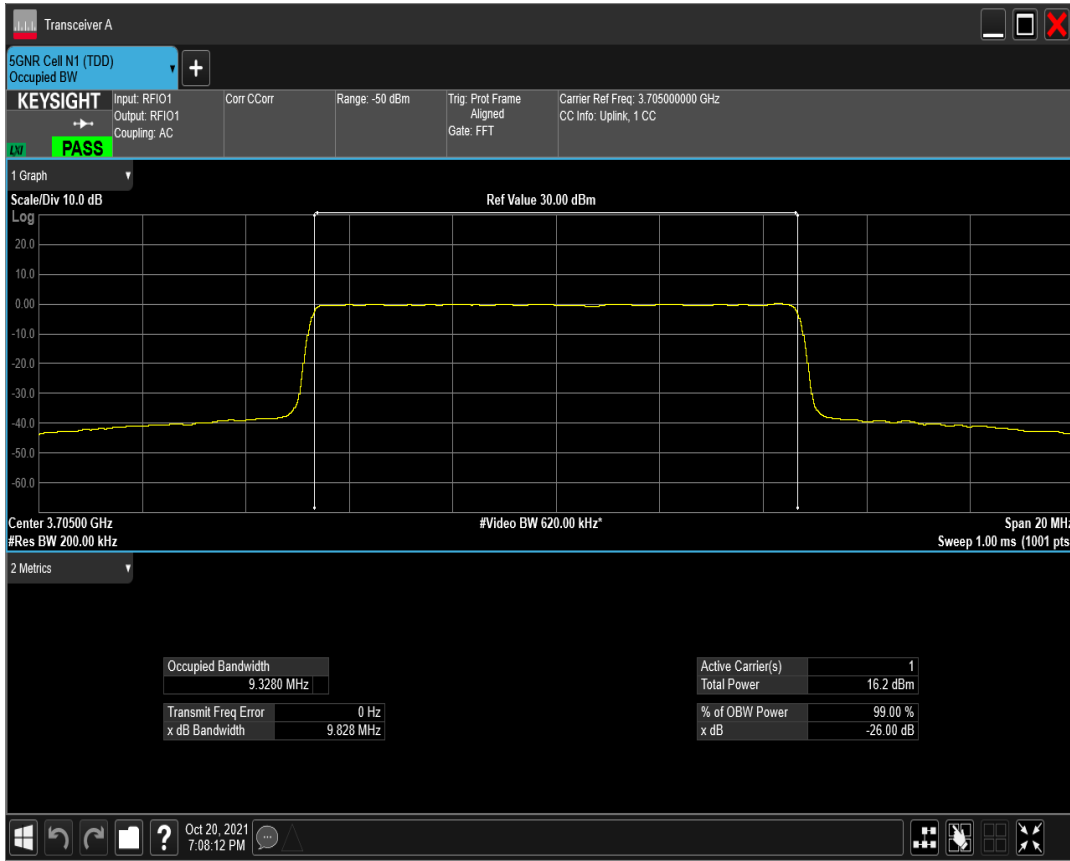
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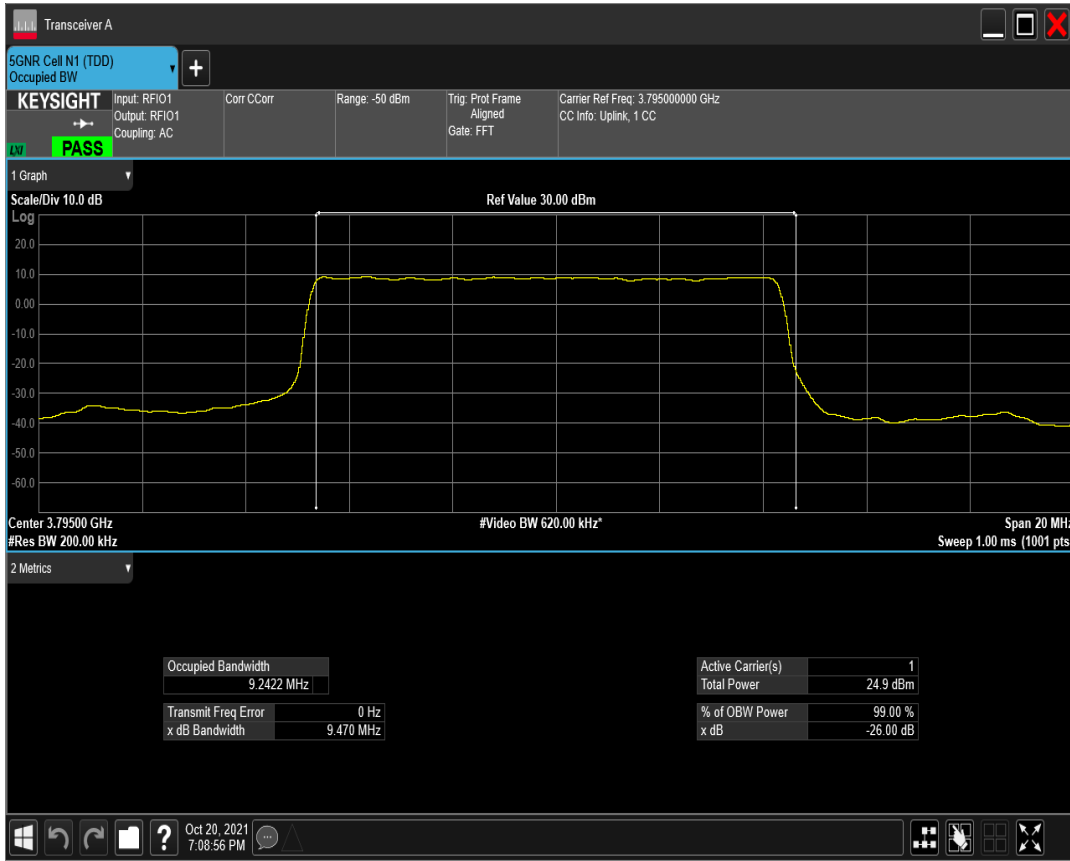
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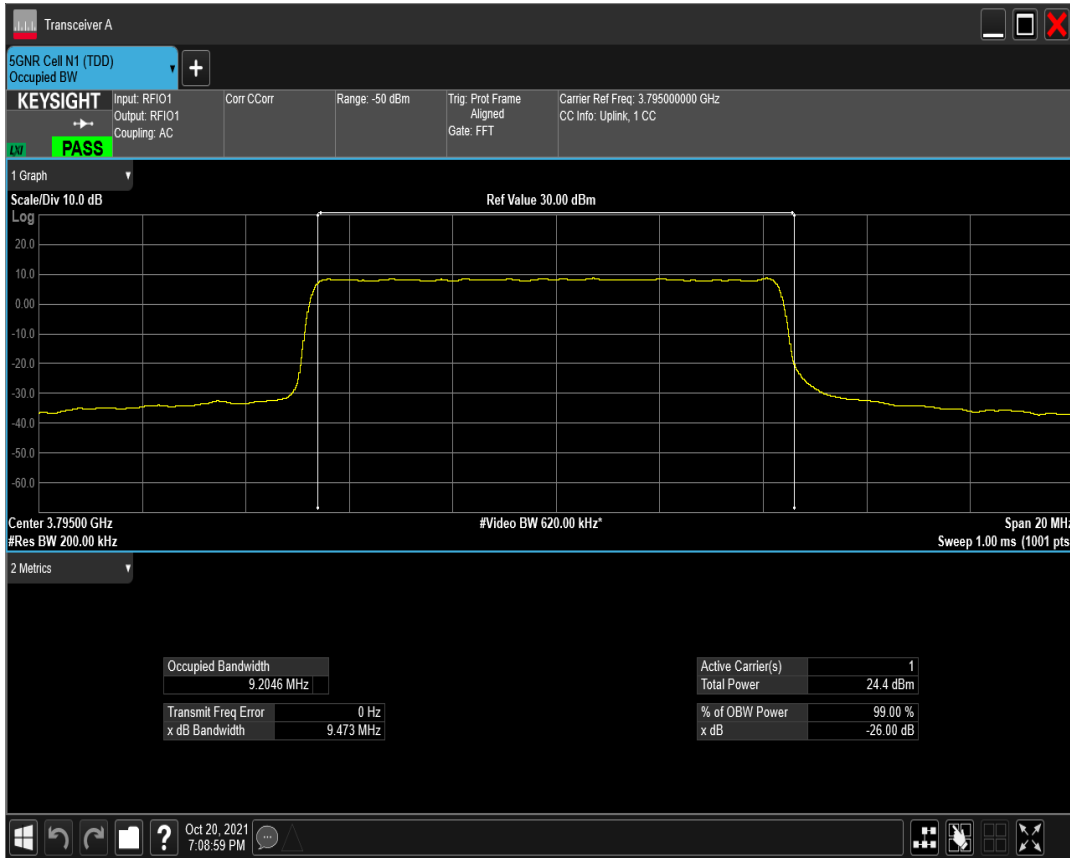
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n78(3700-3800) SCS=15kHz DFT\_BPSK BW=10MHz Channel=653000 RB=50@0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=50@0

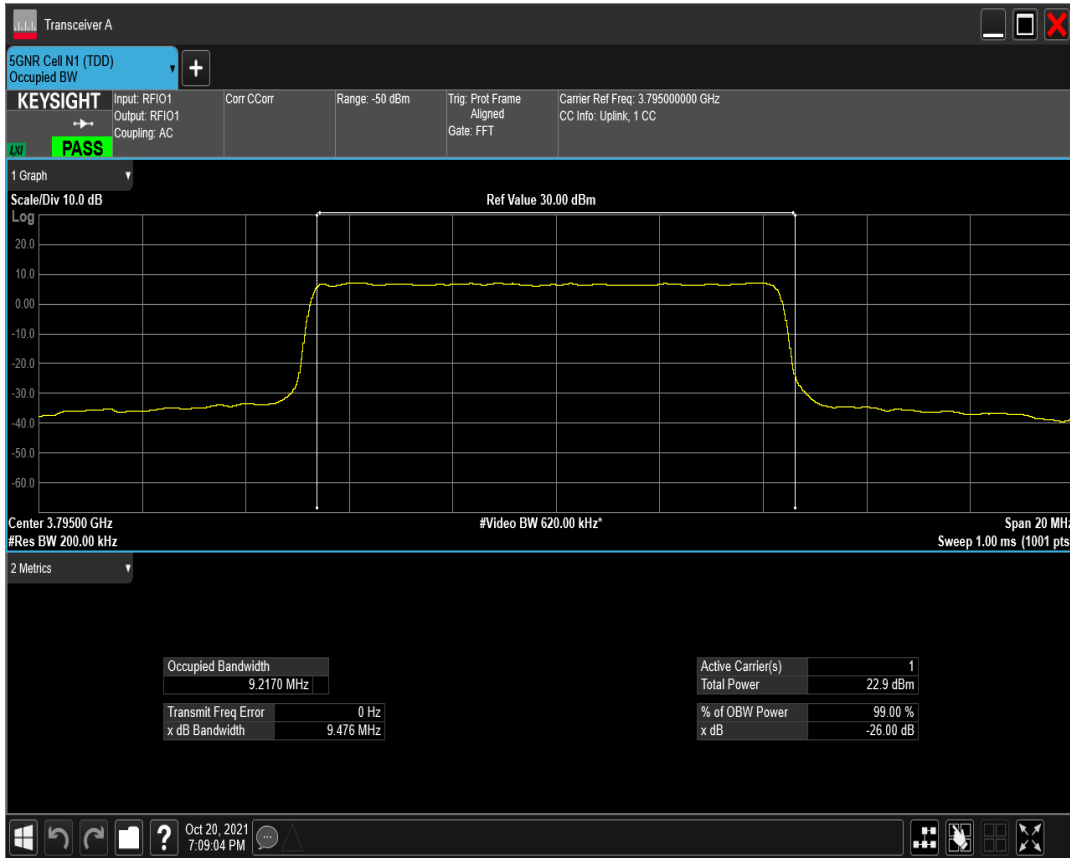


n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=10MHz Channel=653000 RB=50@0

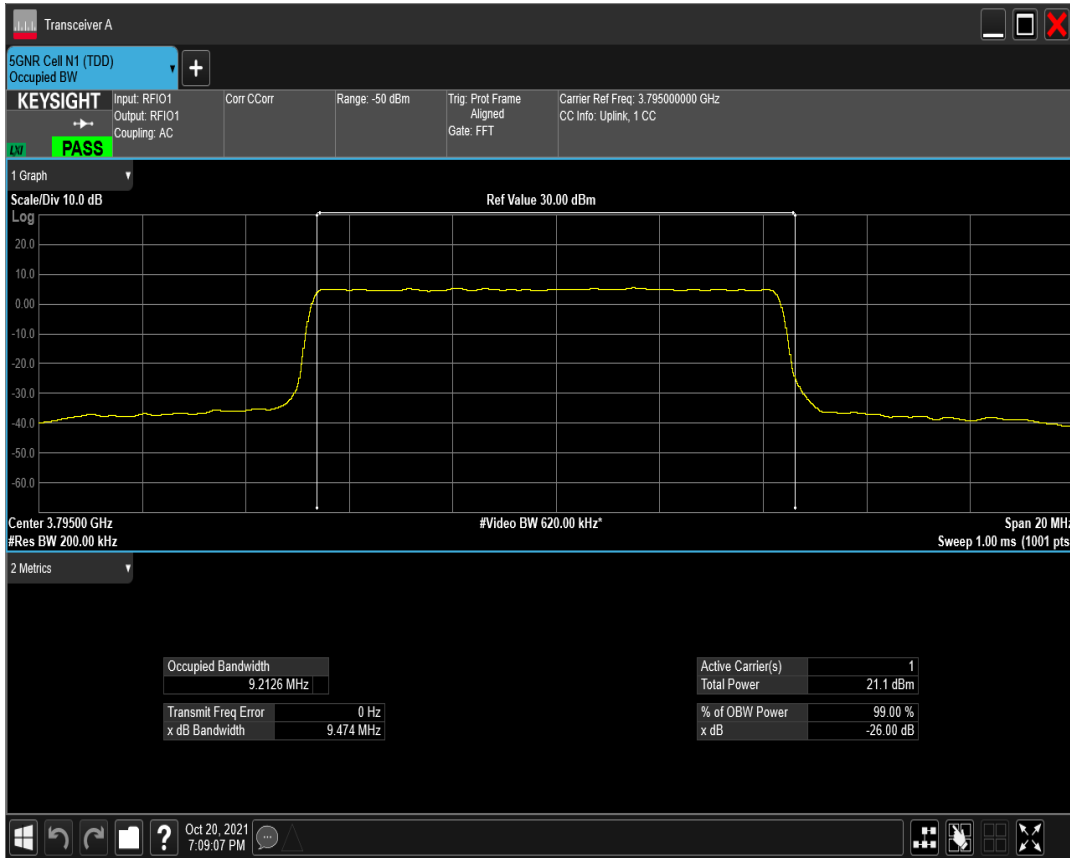


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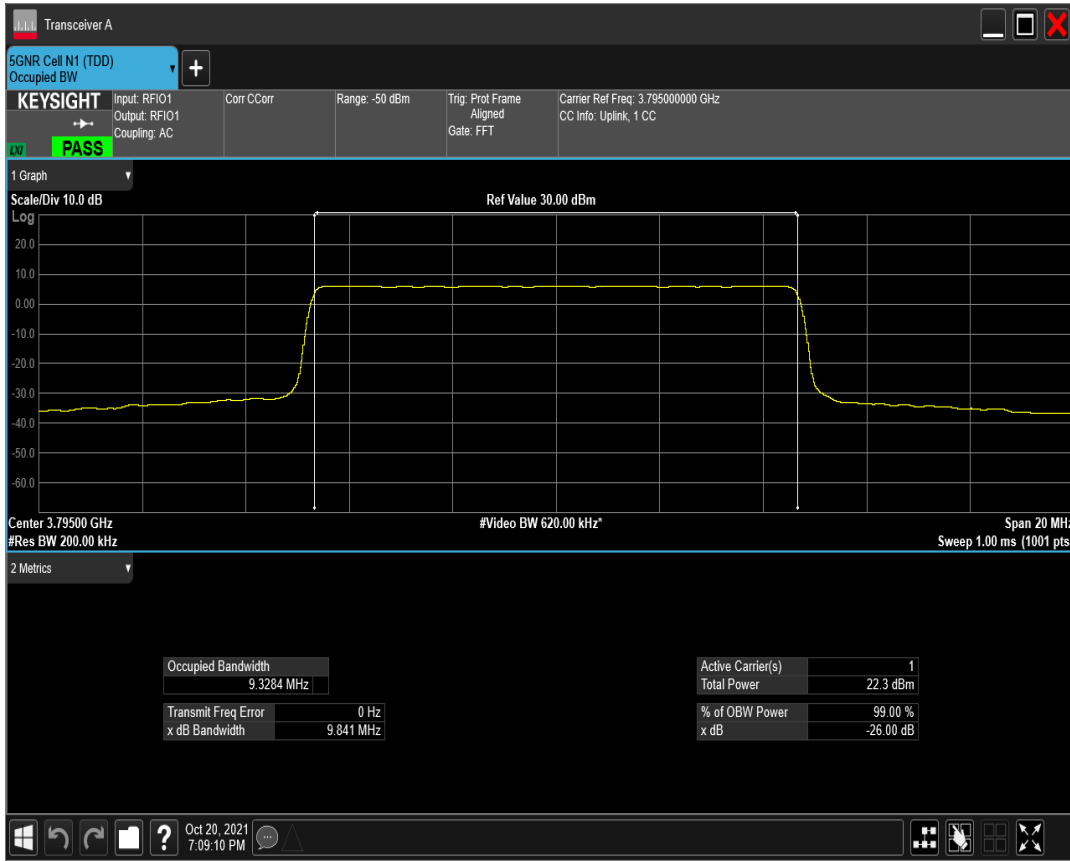




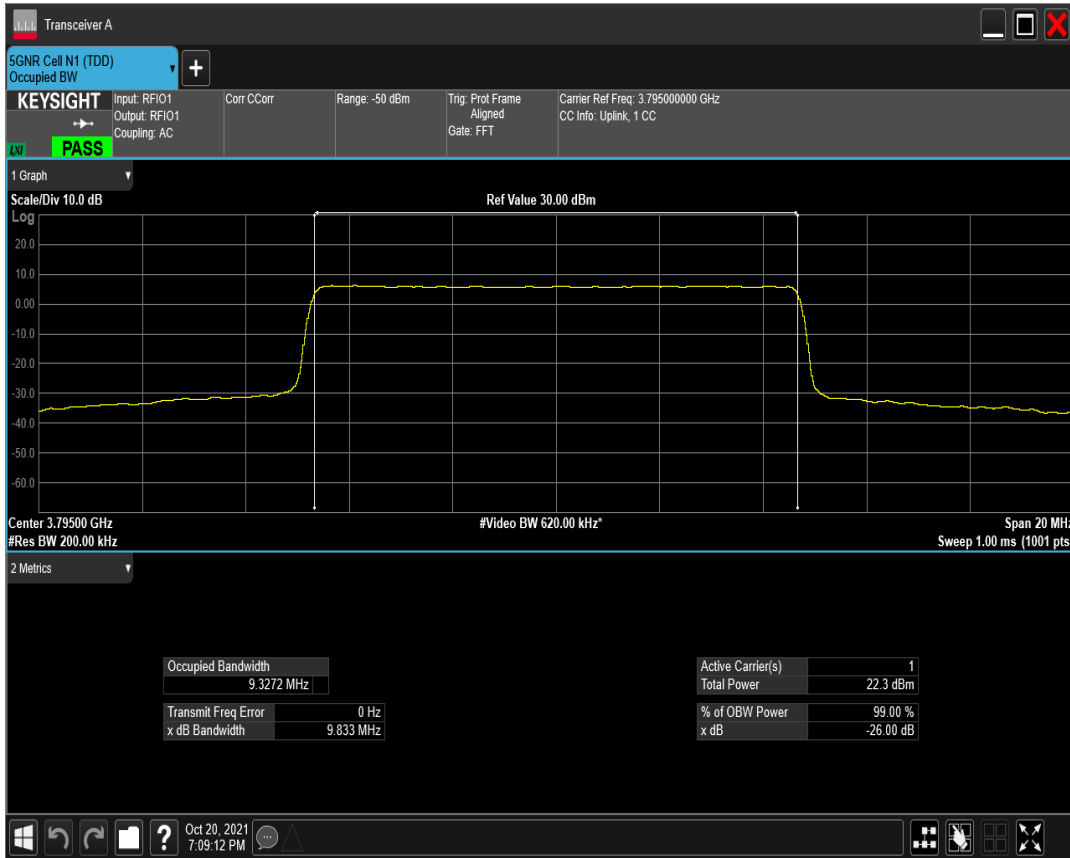
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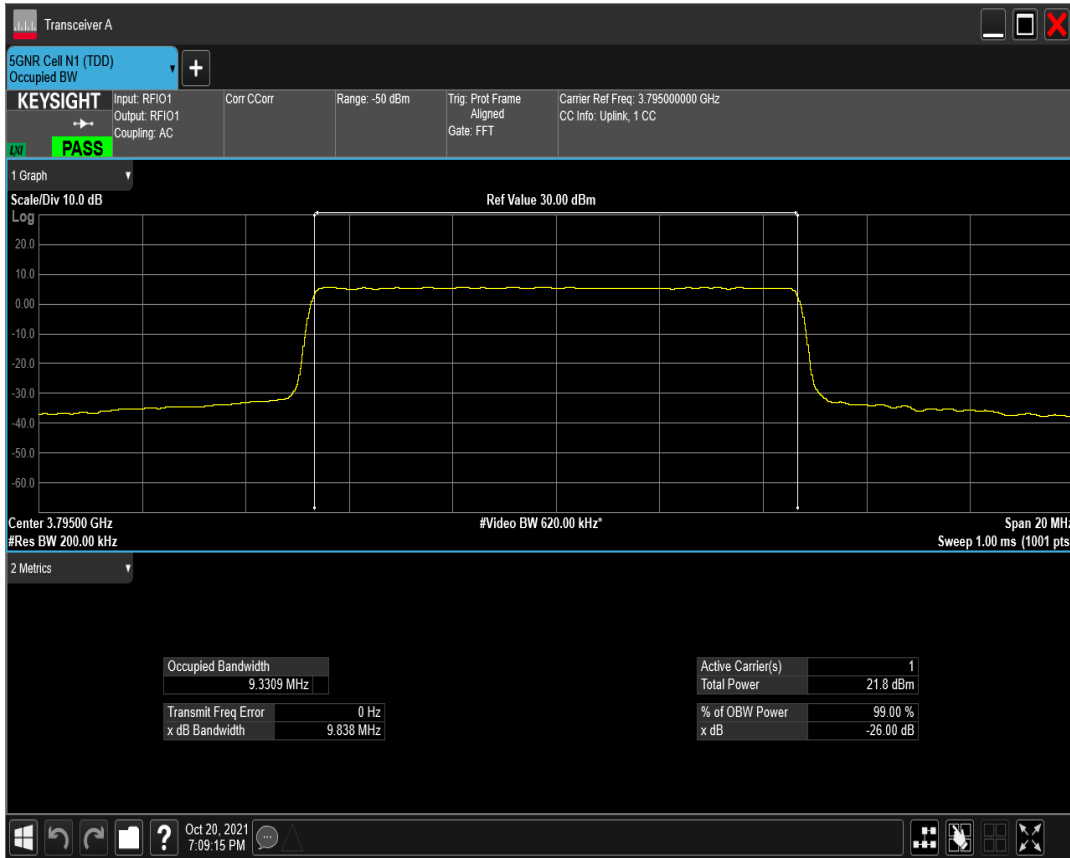
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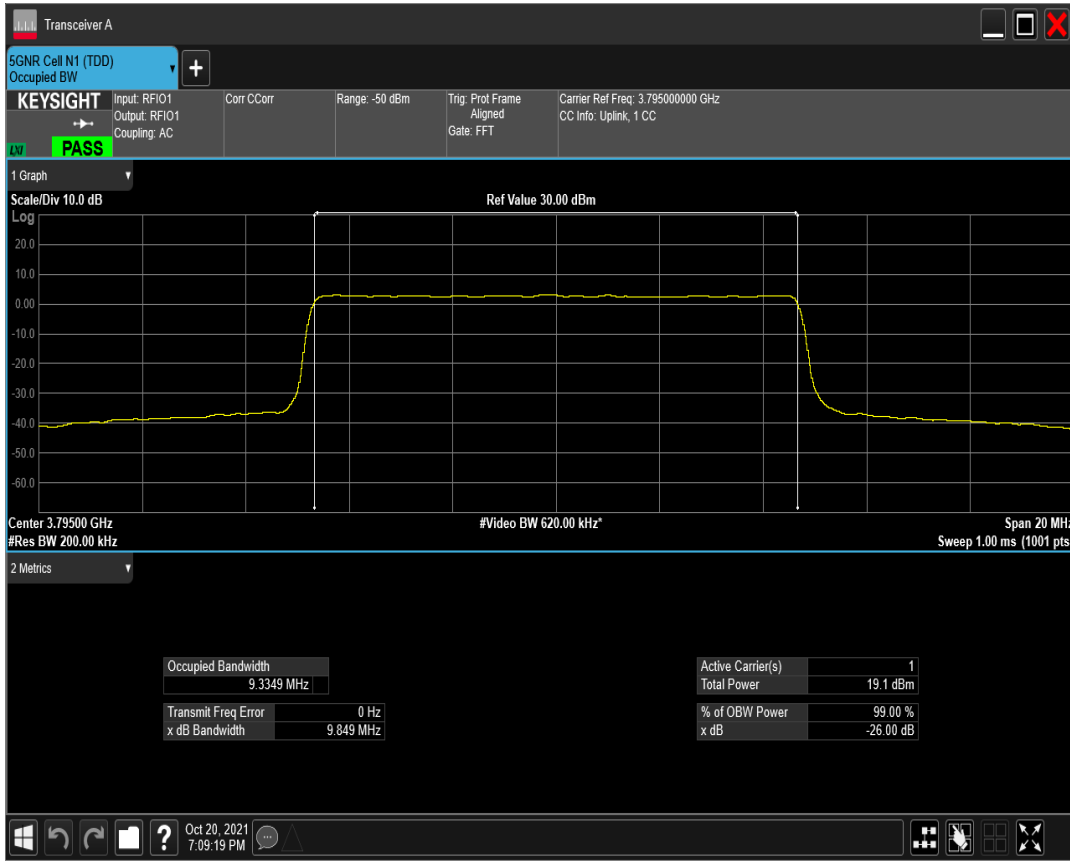
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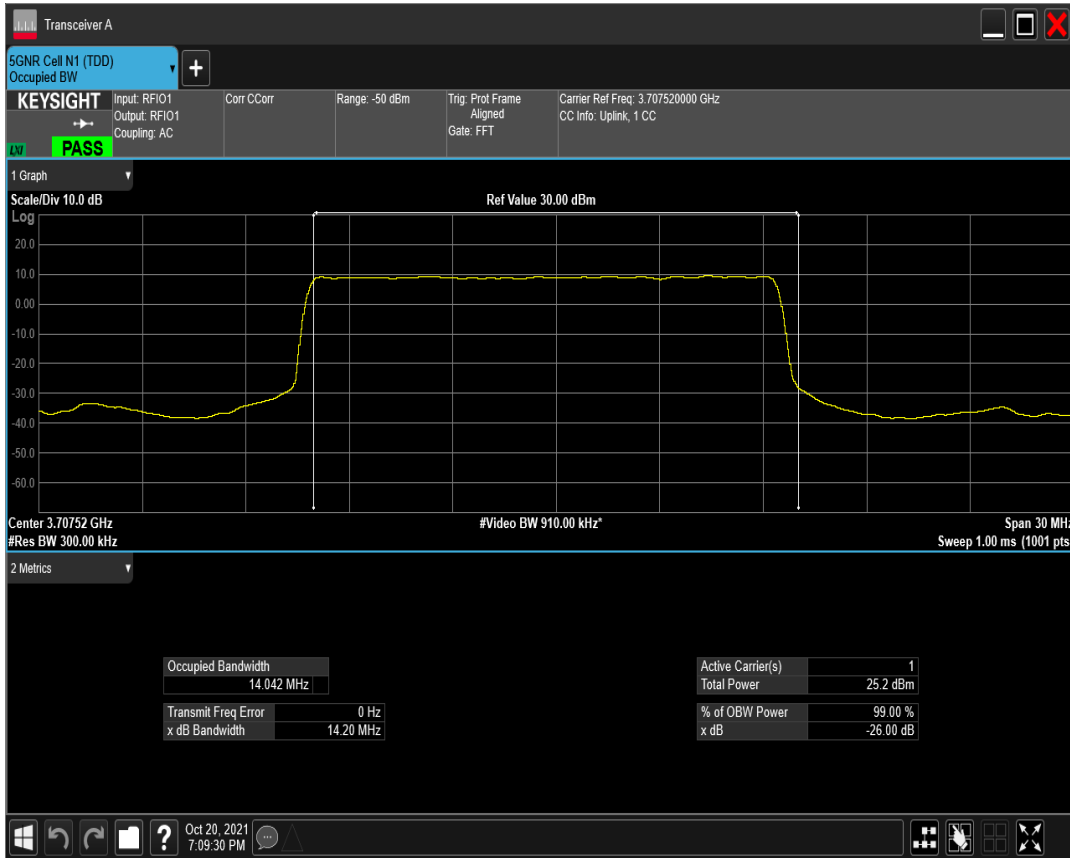
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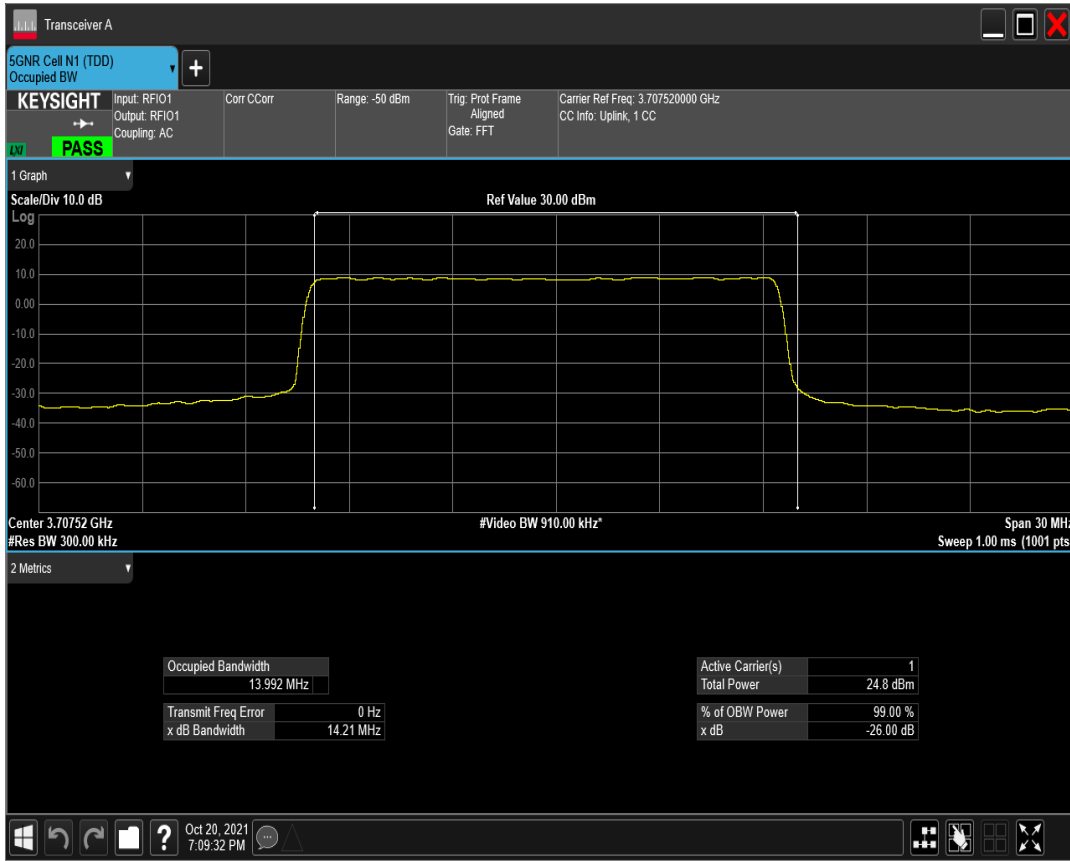
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n78(3700-3800) SCS=15kHz DFT\_BPSK BW=15MHz Channel=647168 RB=75@0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=15MHz Channel=647168 RB=75@0

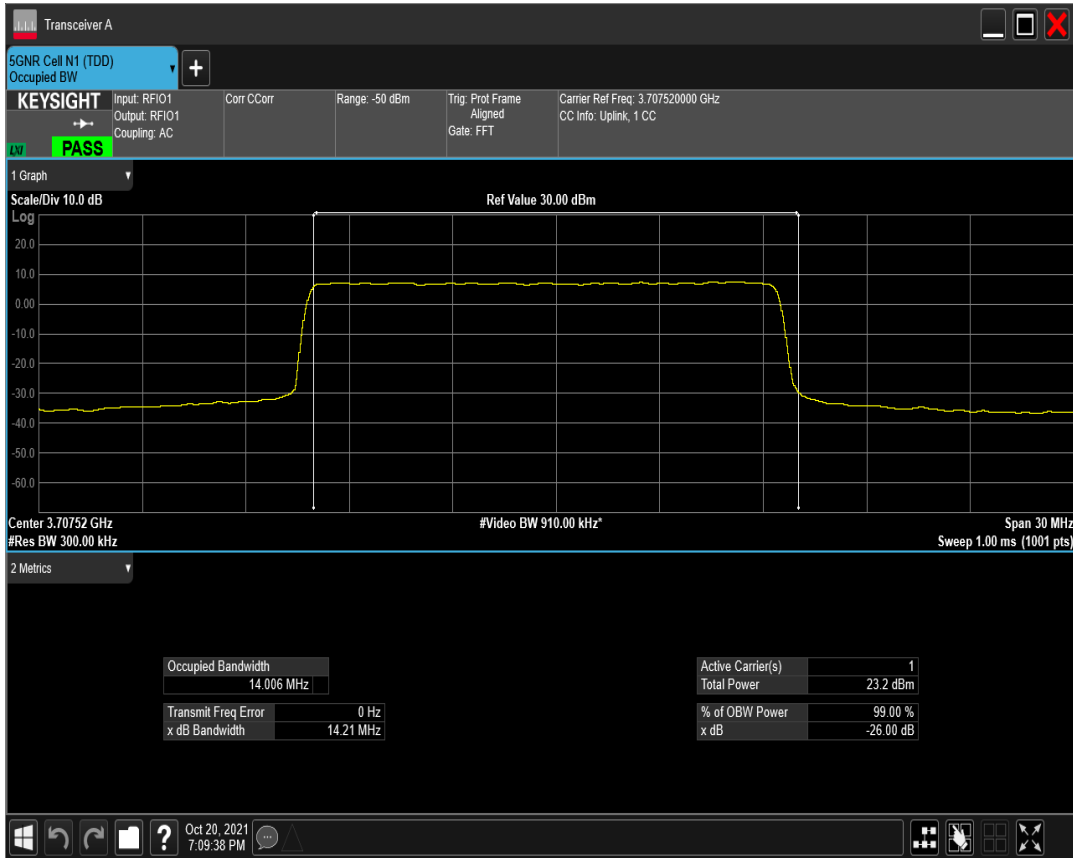


n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=647168 RB=75@0

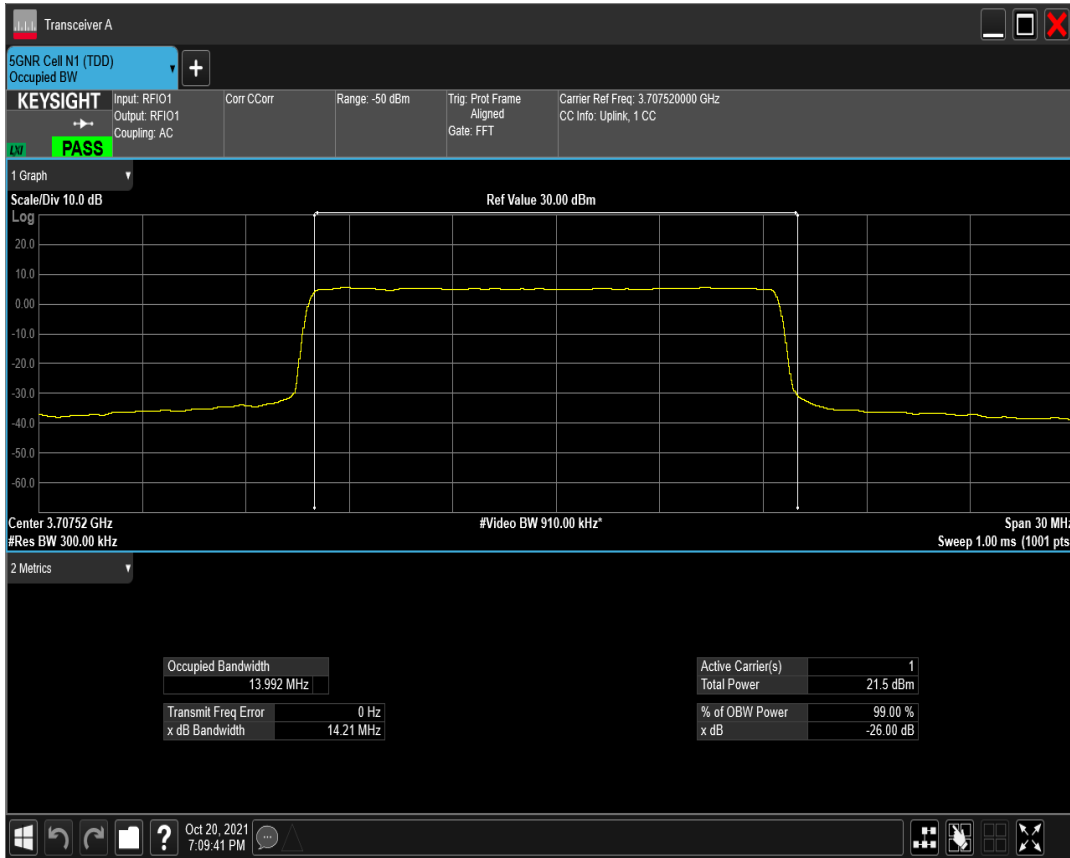




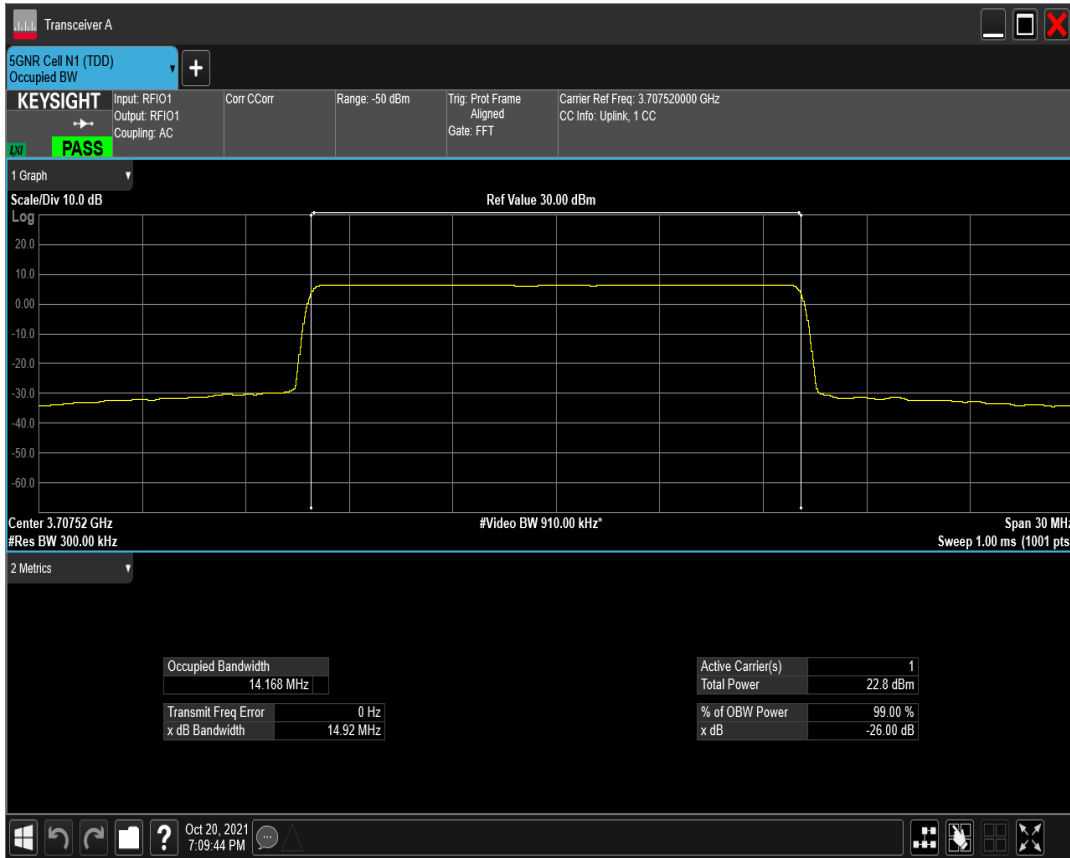
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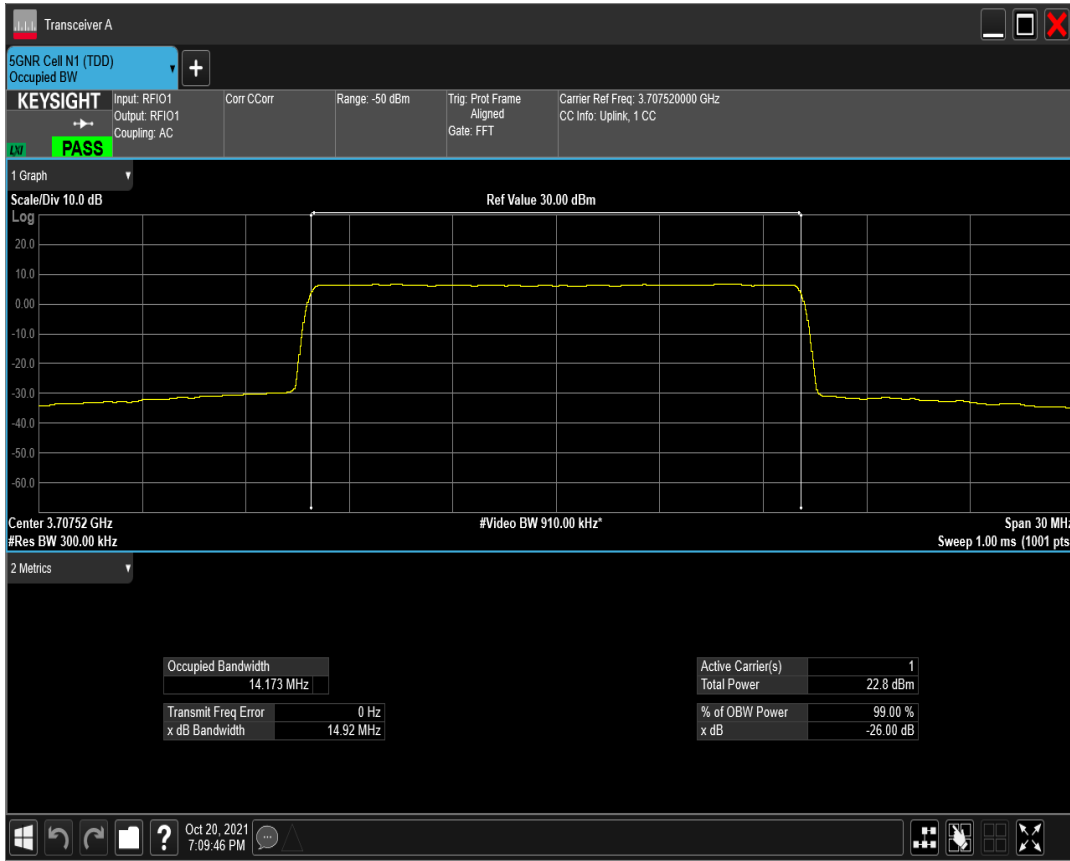
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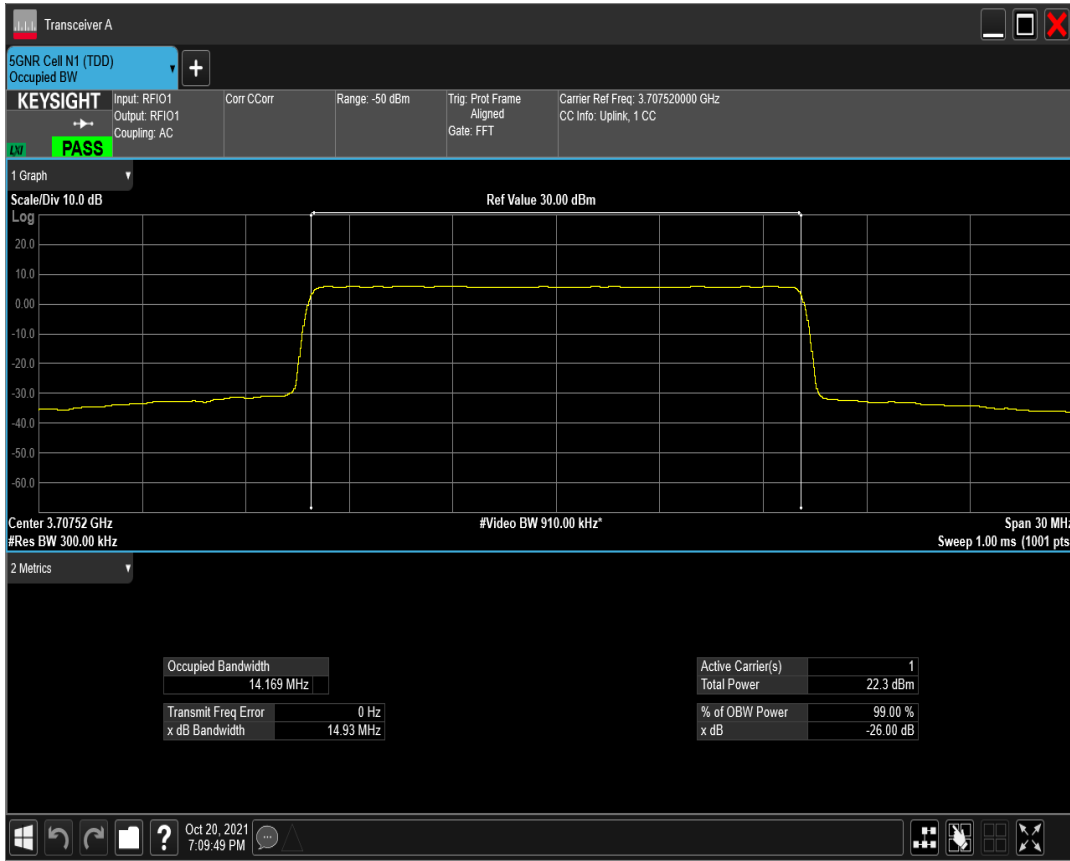
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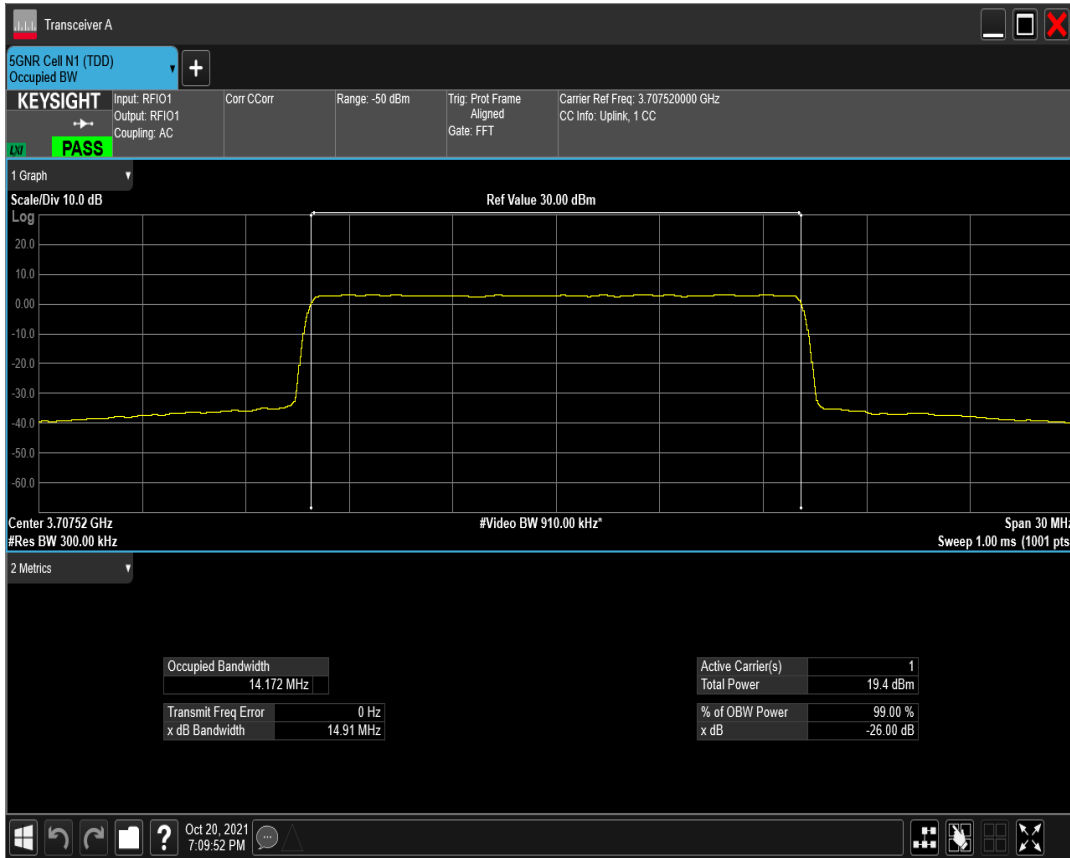
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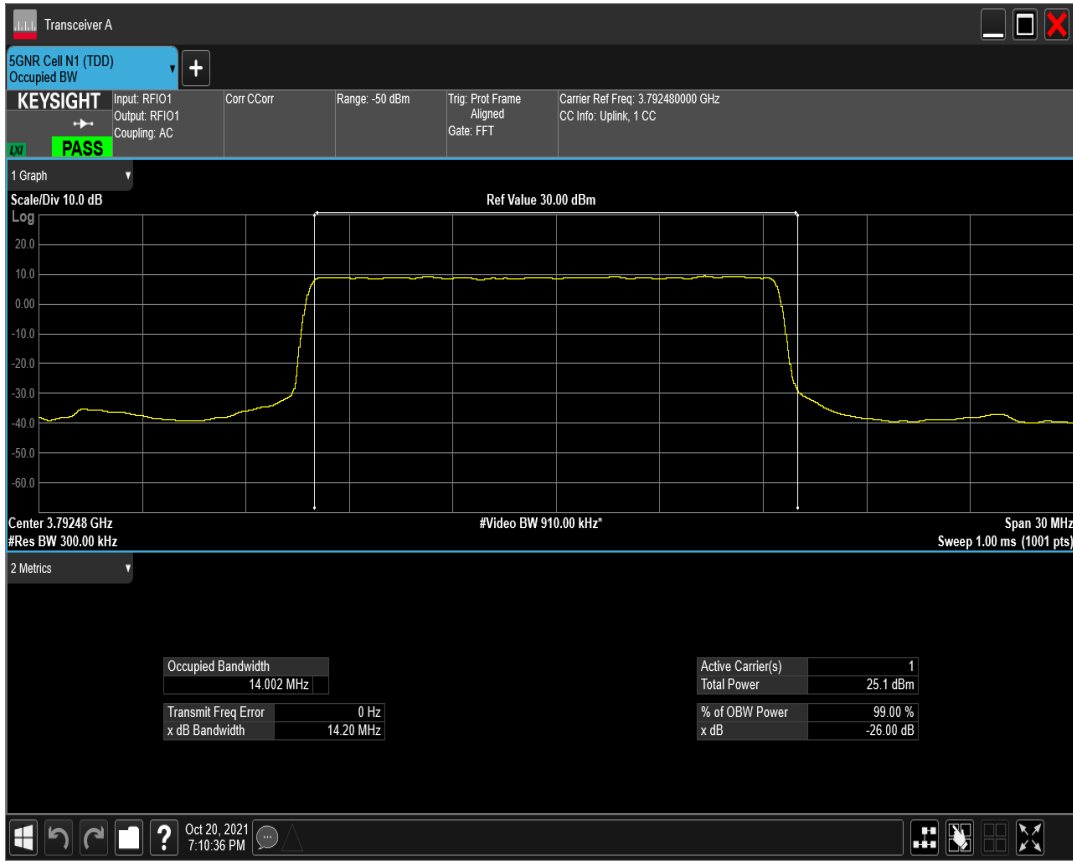
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n78(3700-3800) SCS=15kHz CP\_QAM256 BW=15MHz Channel=647168 RB=79@0

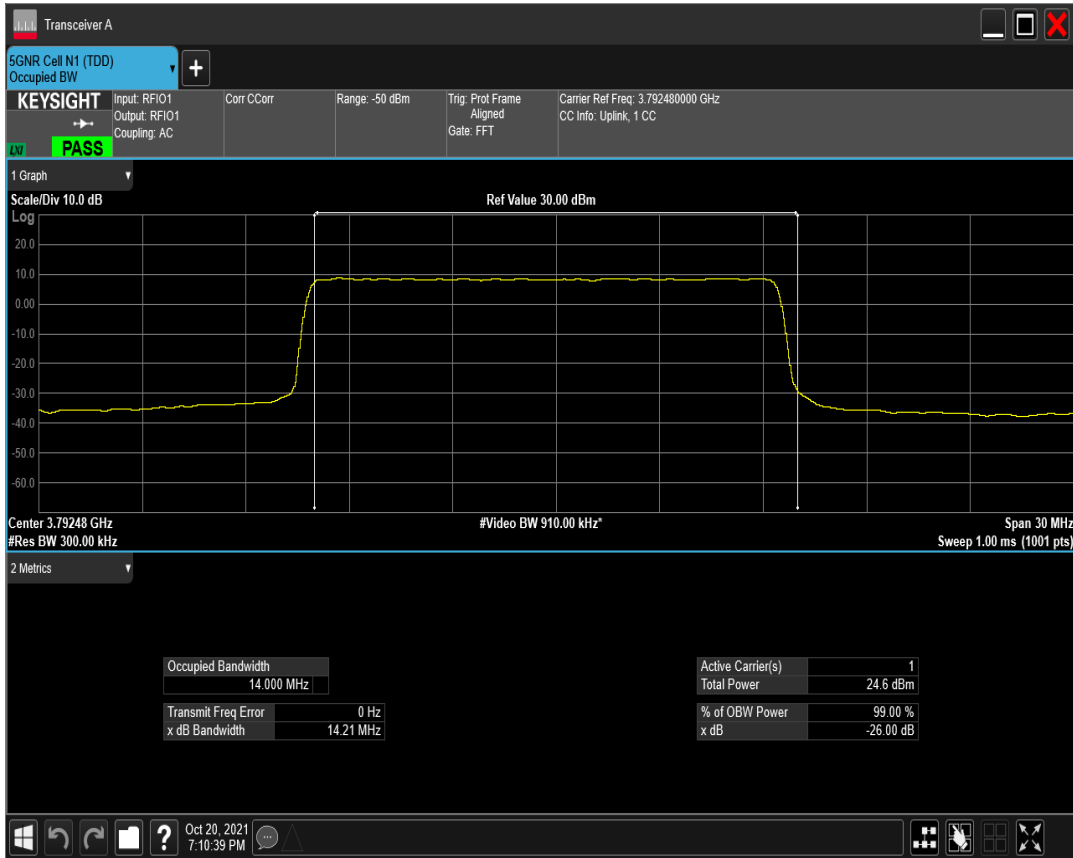


n78(3700-3800) SCS=15kHz DFT\_BPSK BW=15MHz Channel=652832 RB=75@0

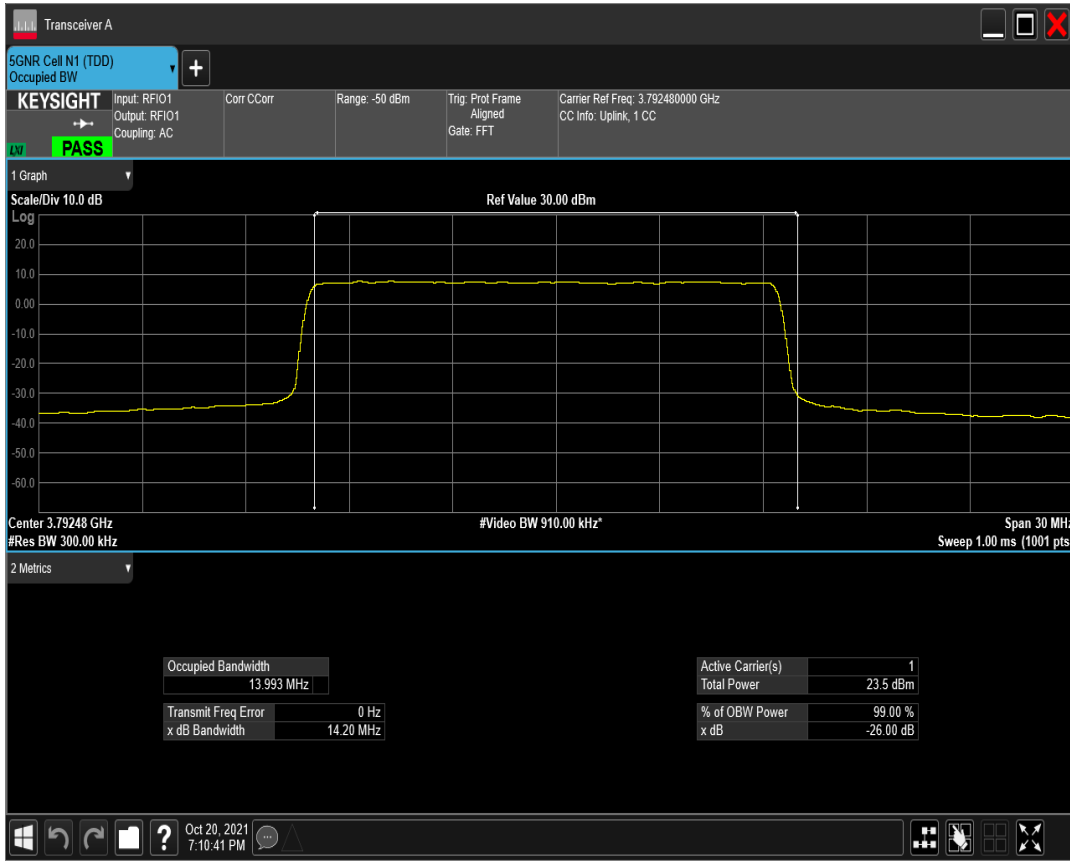


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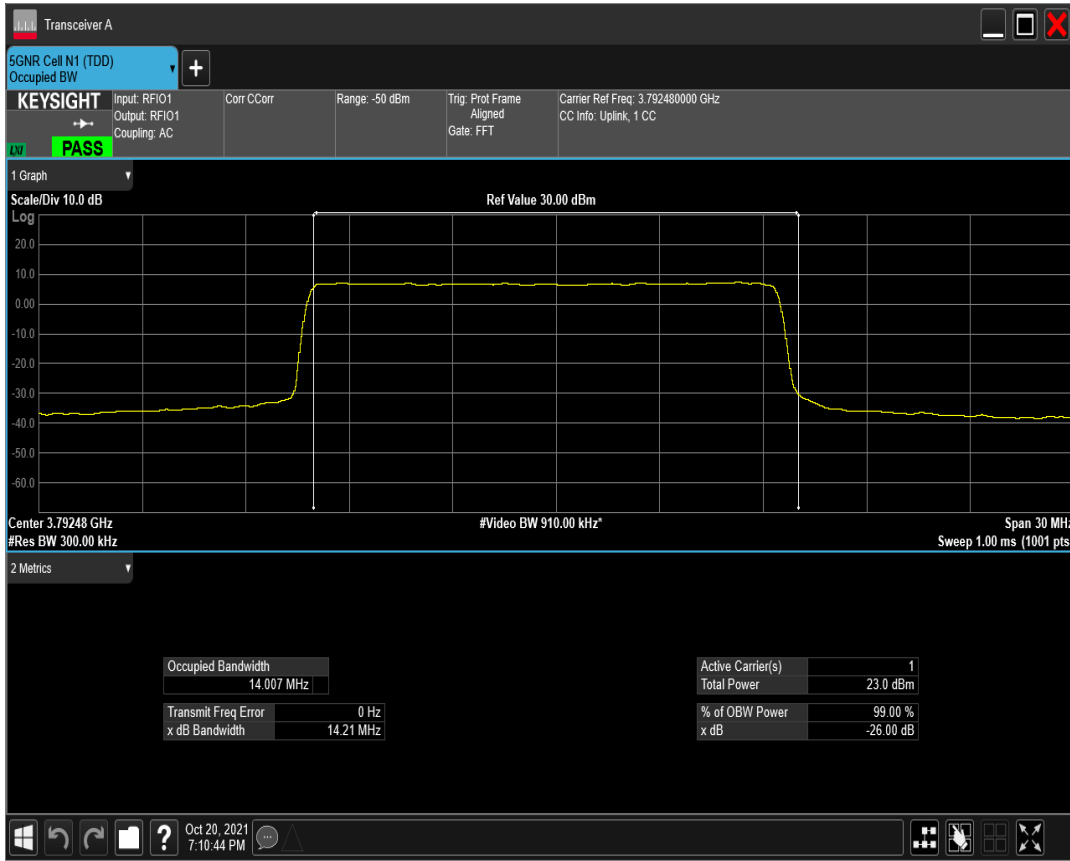




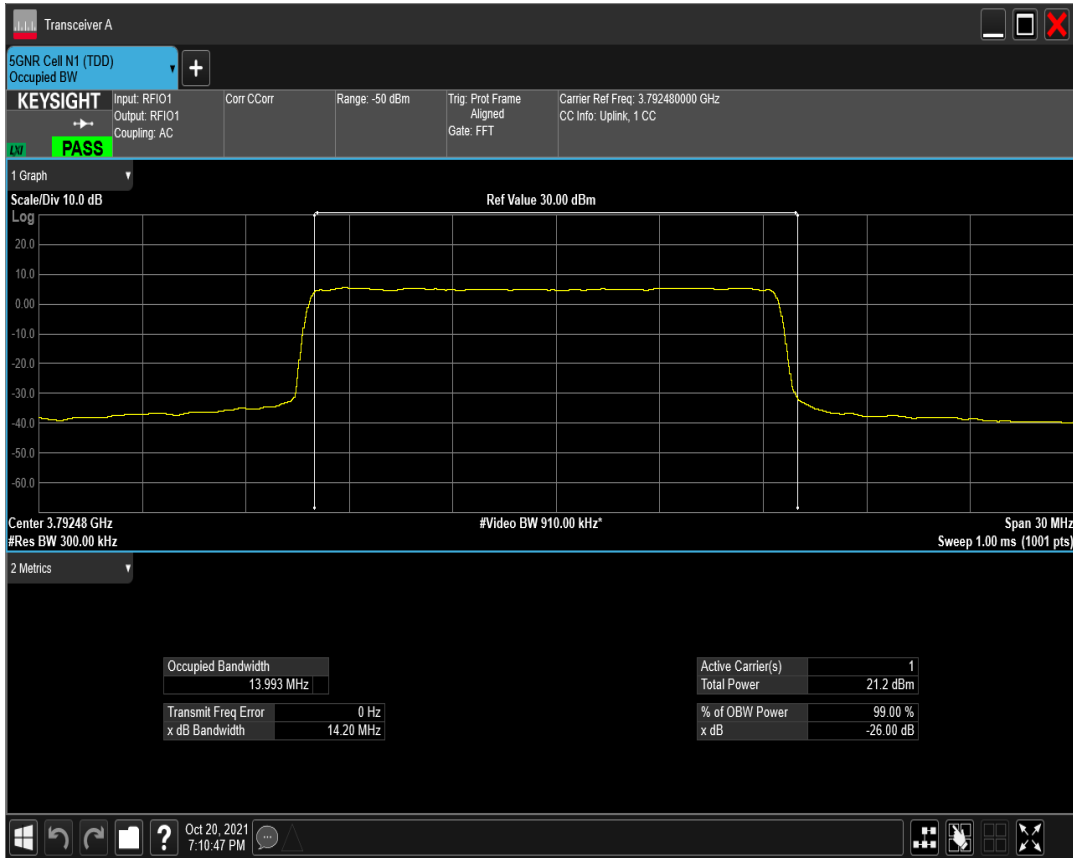
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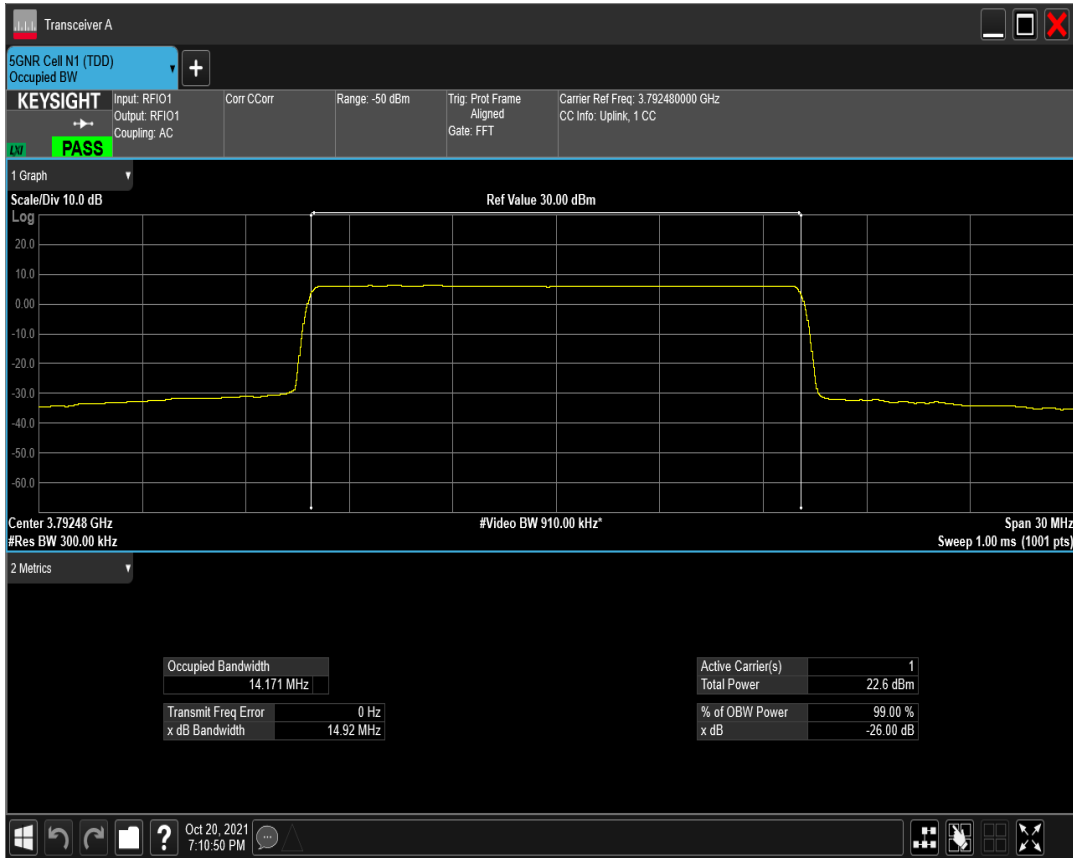
n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=652832 RB=75@0



n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=652832 RB=75@0



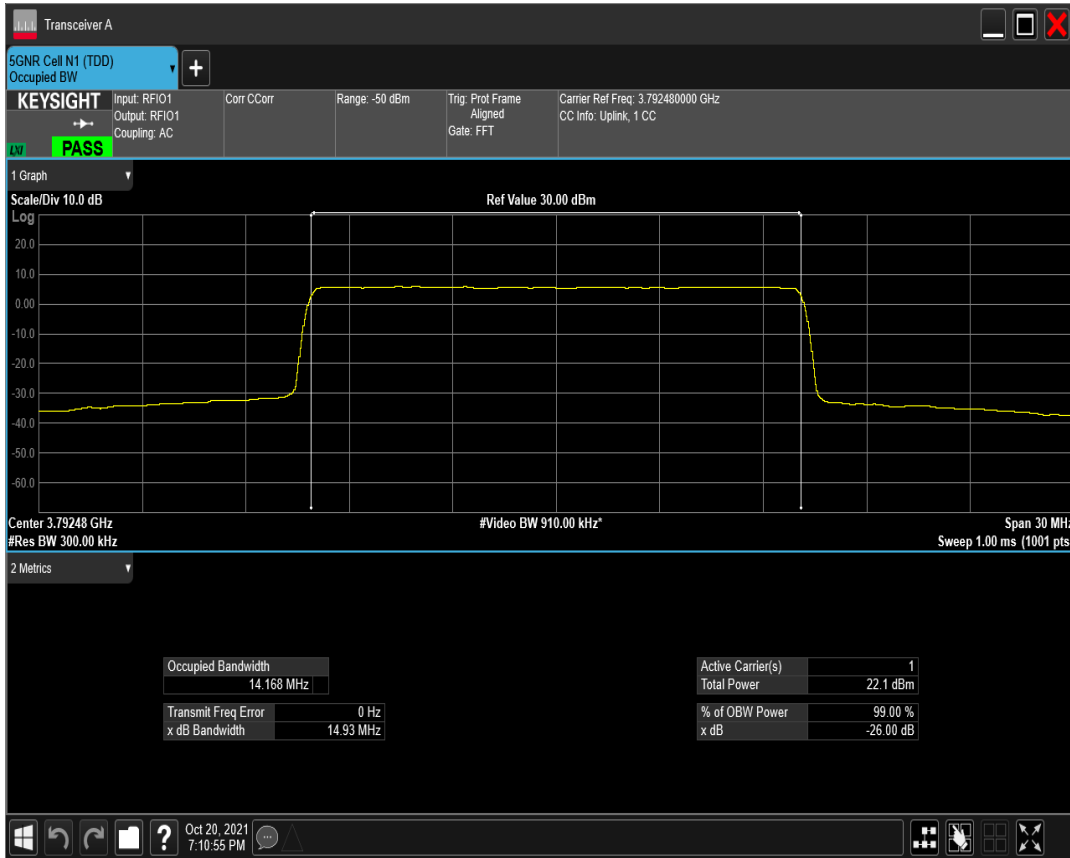
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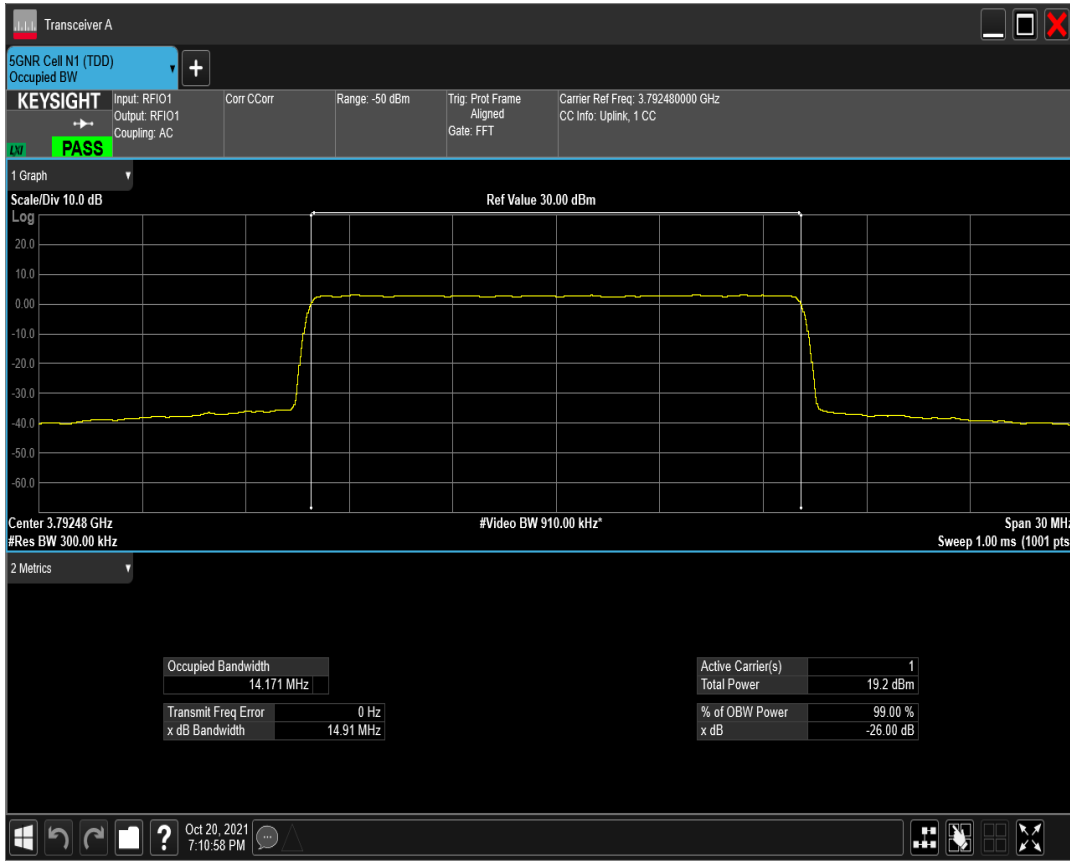
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n78(3700-3800) SCS=15kHz CP\_QAM64 BW=15MHz Channel=652832 RB=79@0

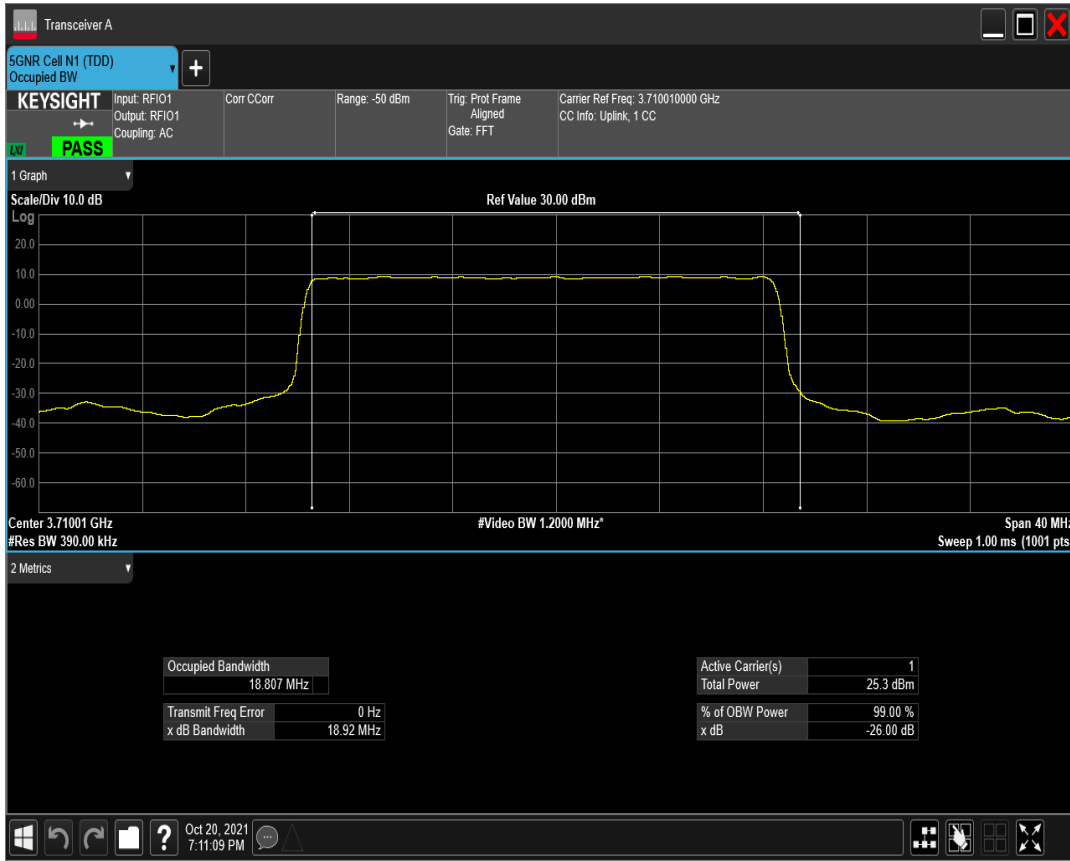


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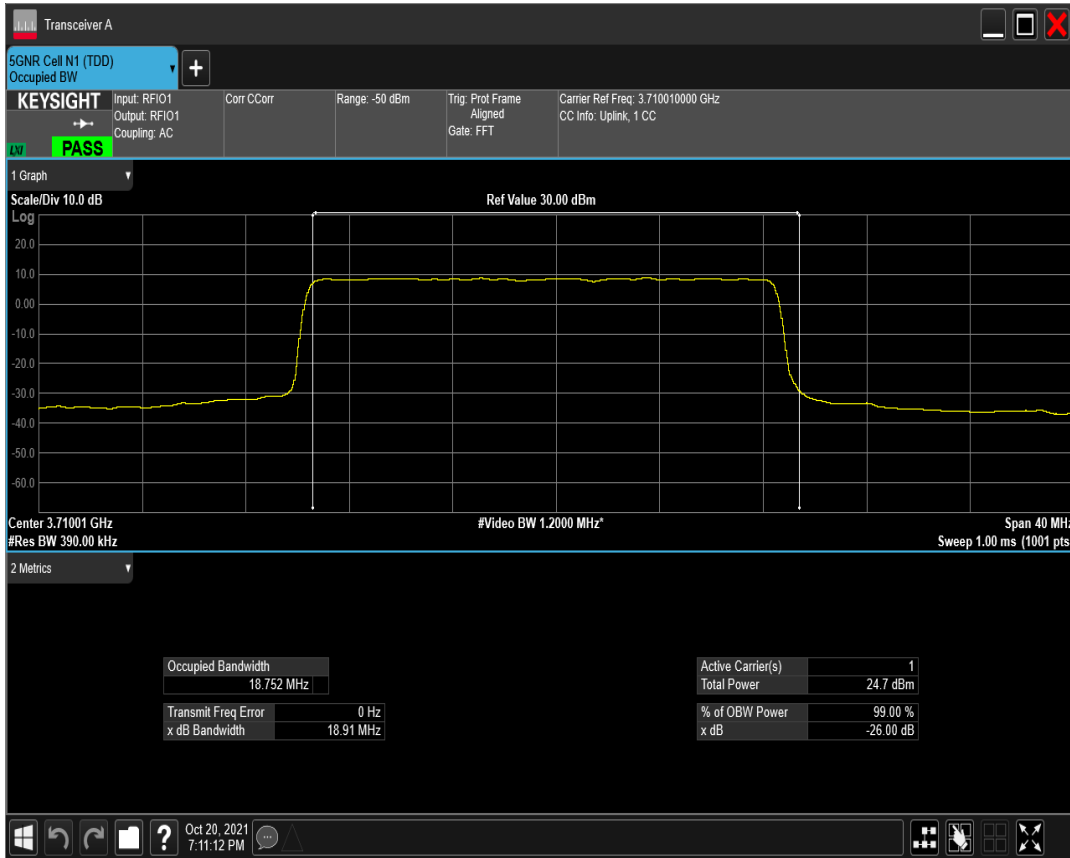


n78(3700-3800) SCS=15kHz DFT\_BPSK BW=20MHz Channel=647334 RB=100@0

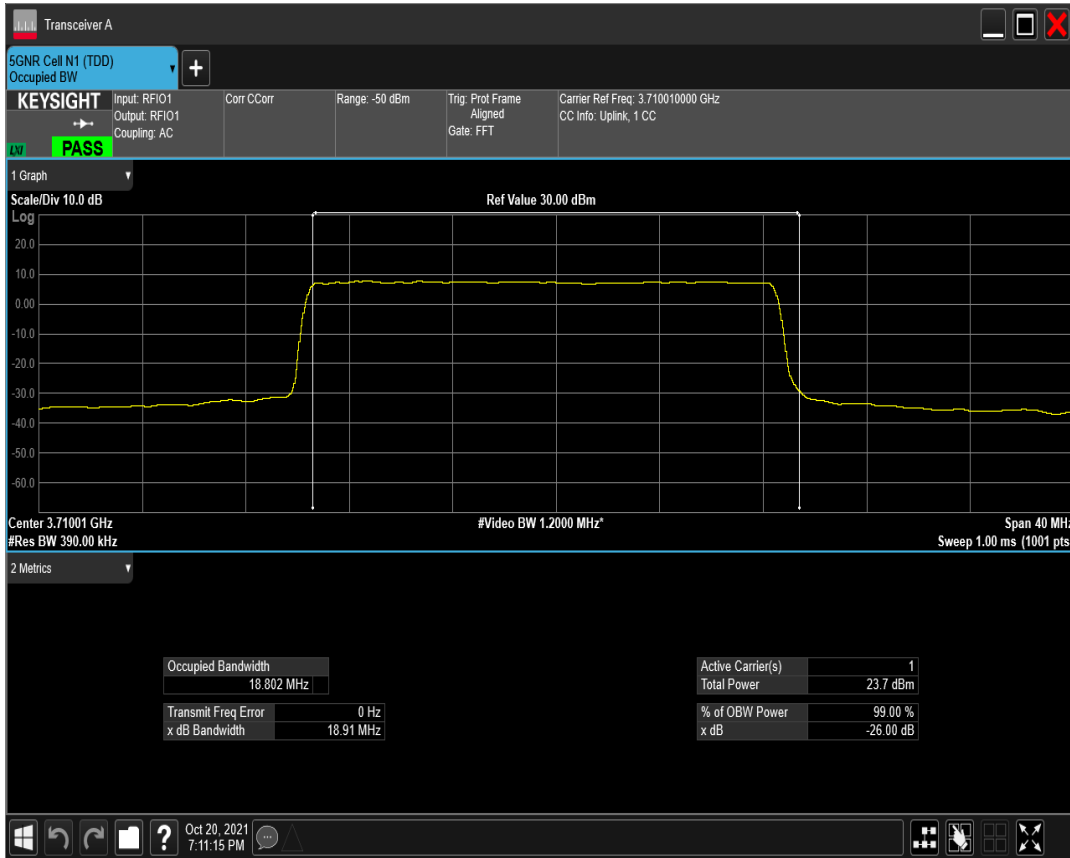




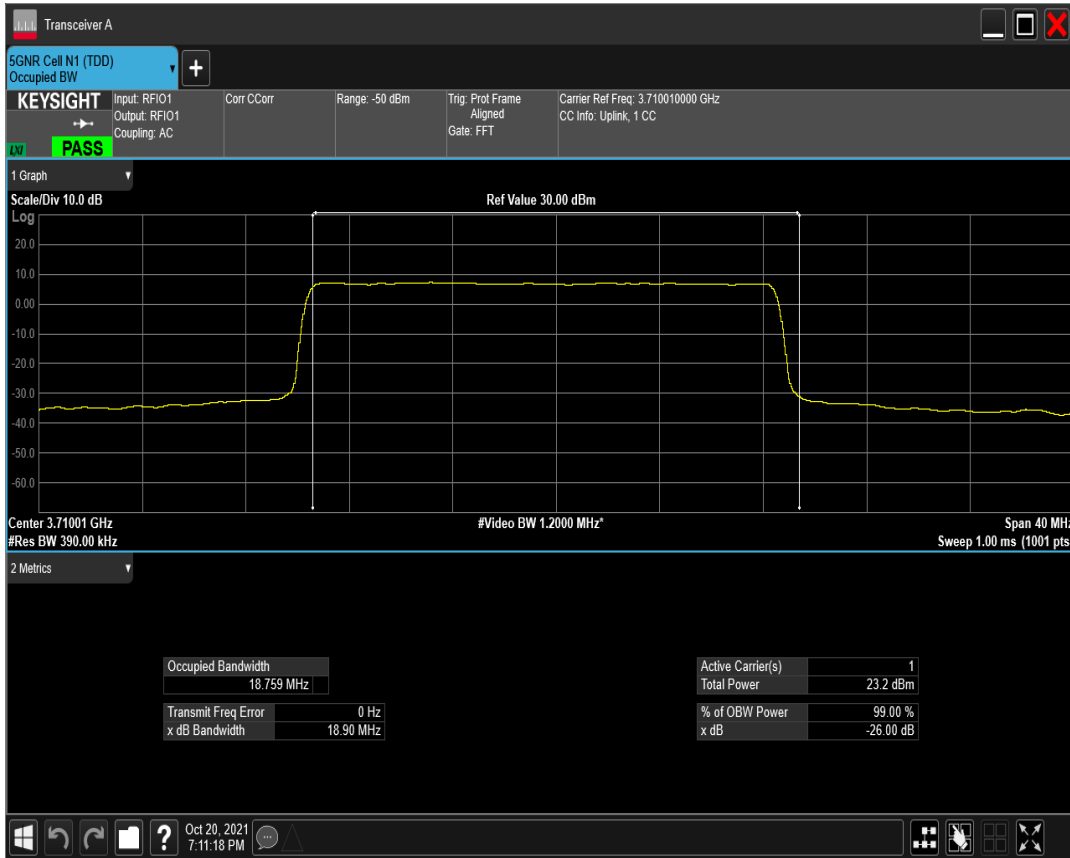
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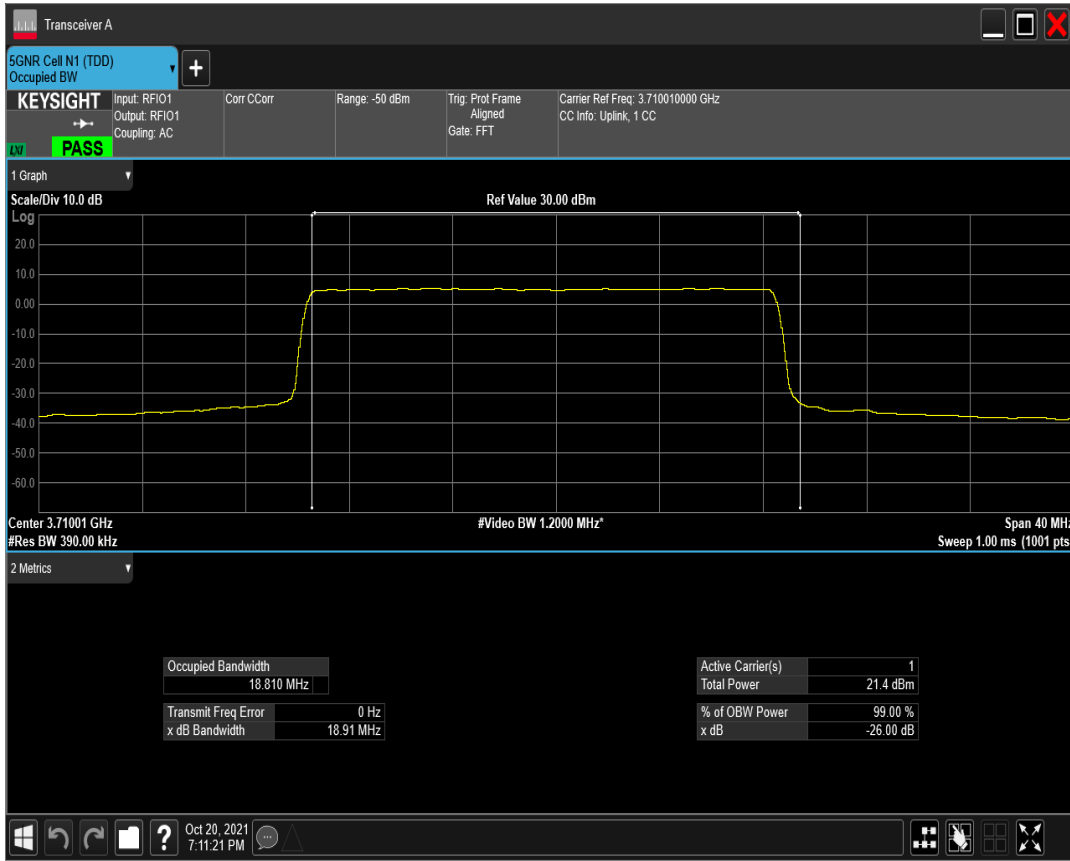
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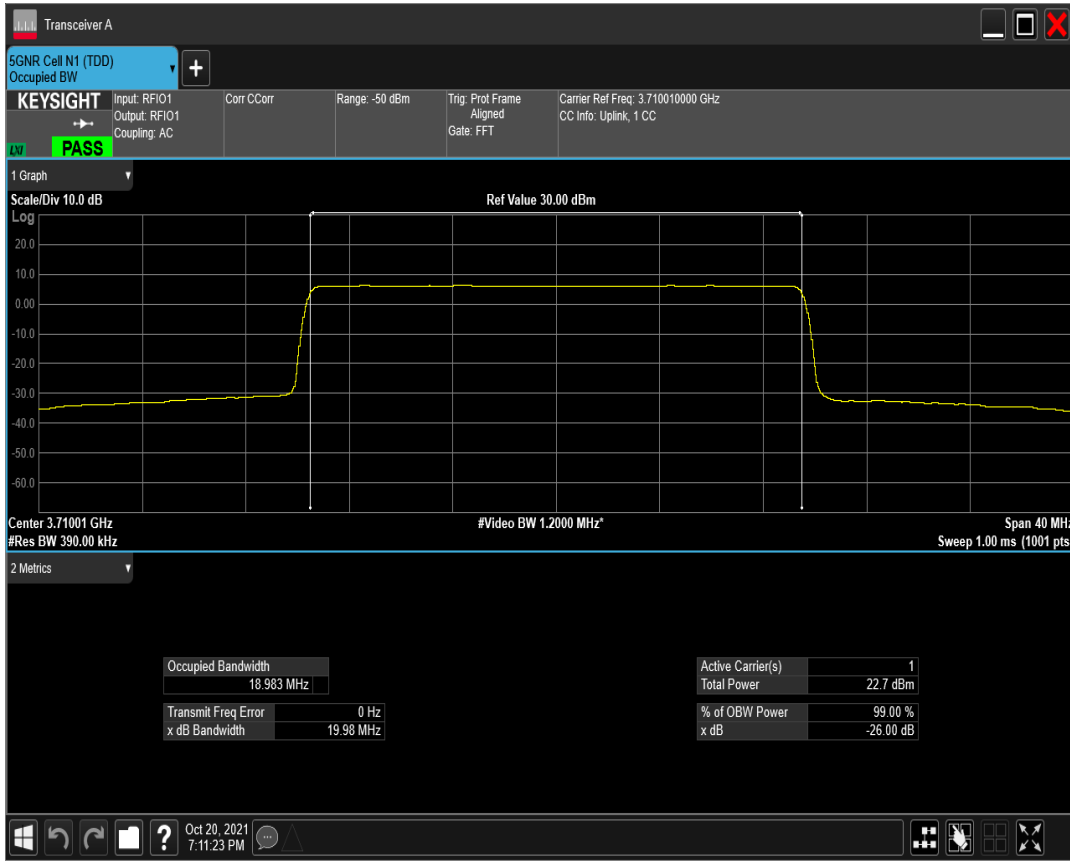
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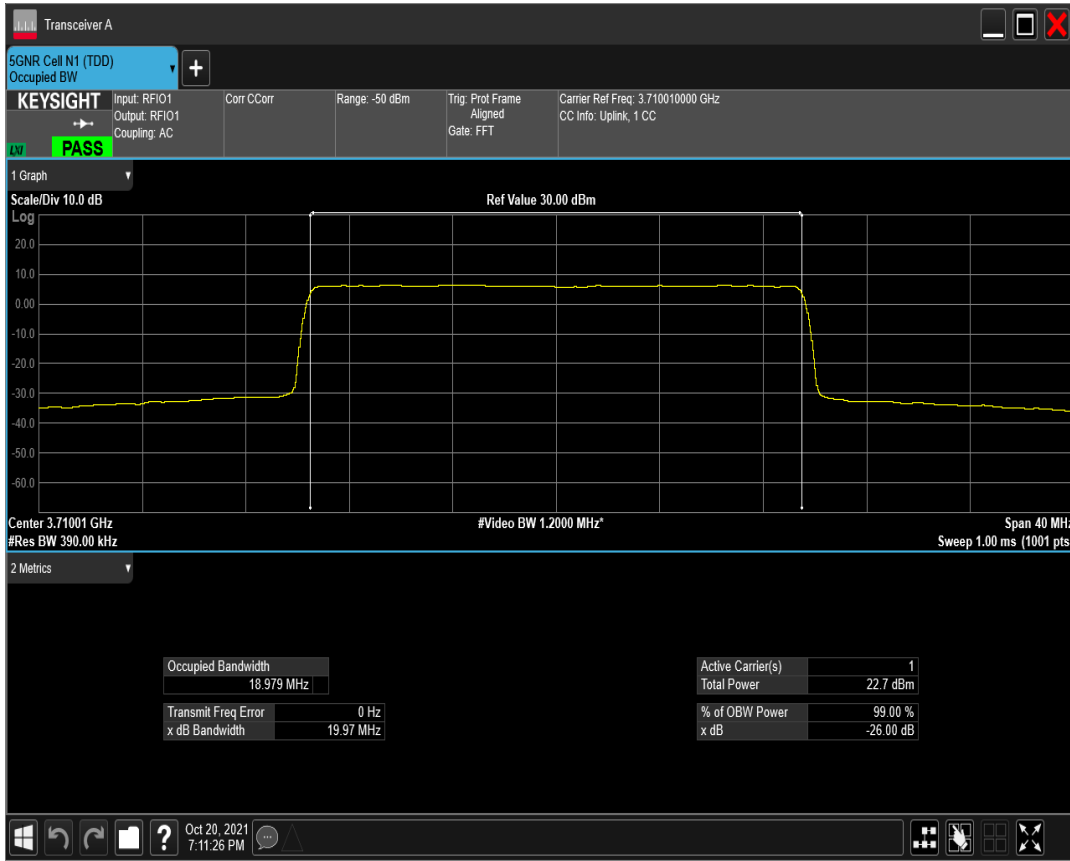
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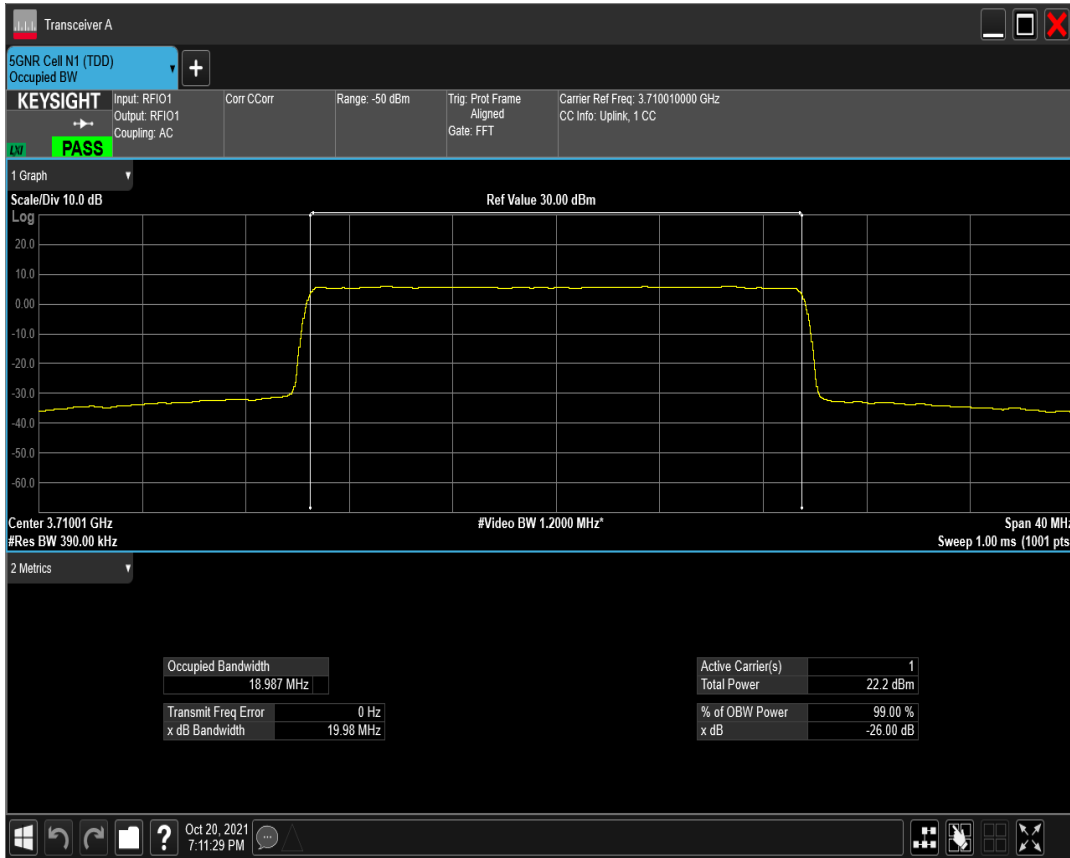
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n78(3700-3800) SCS=15kHz CP\_QAM16 BW=20MHz Channel=647334 RB=106@0

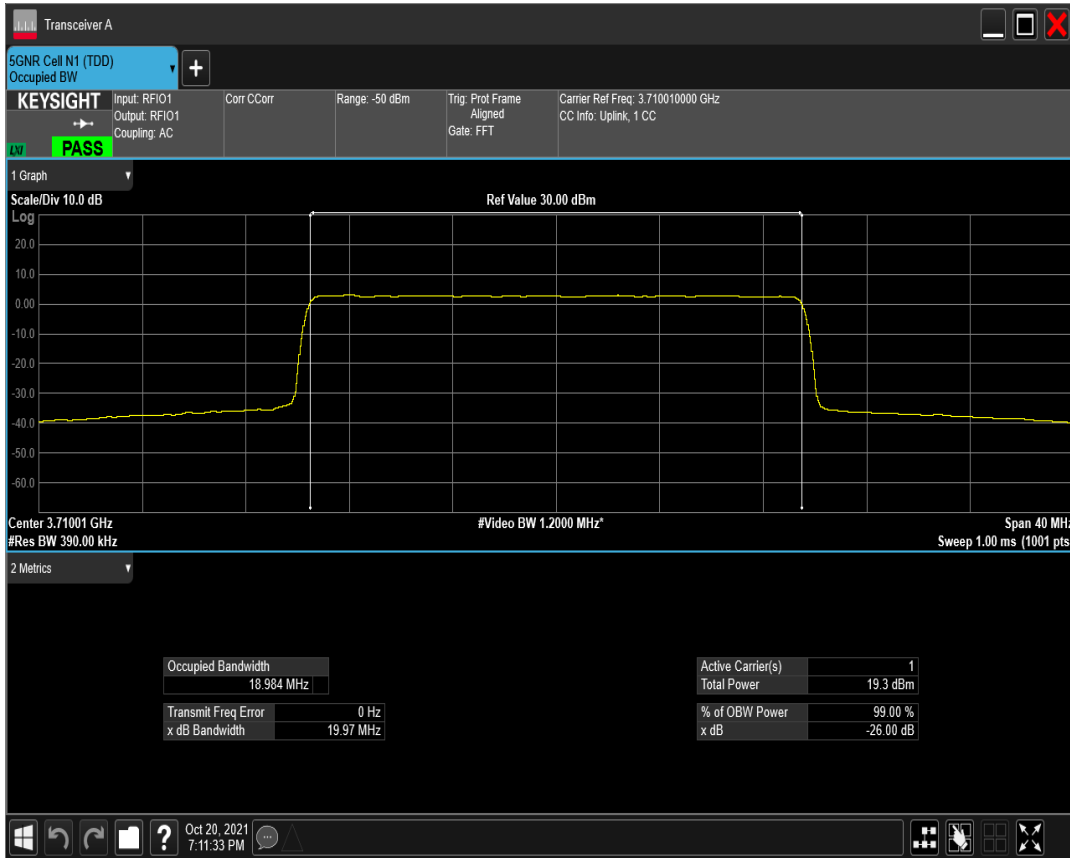


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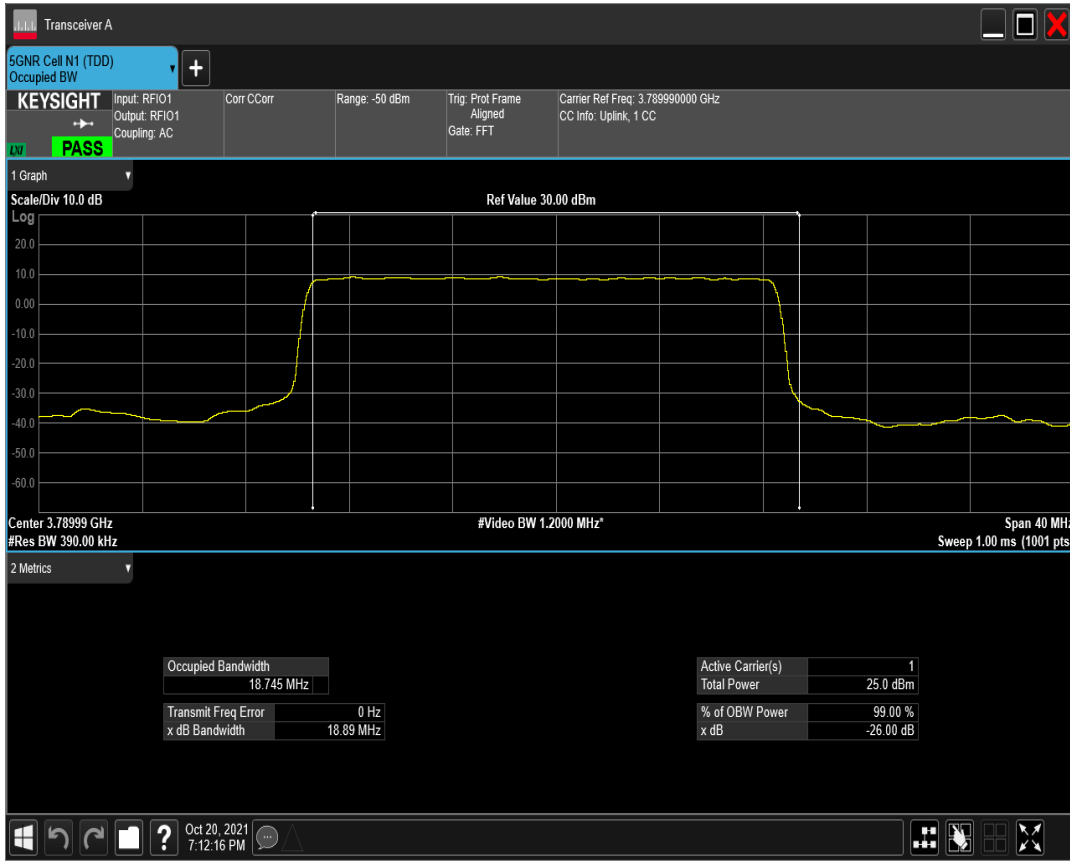


n78(3700-3800) SCS=15kHz CP\_QAM256 BW=20MHz Channel=647334 RB=106@0

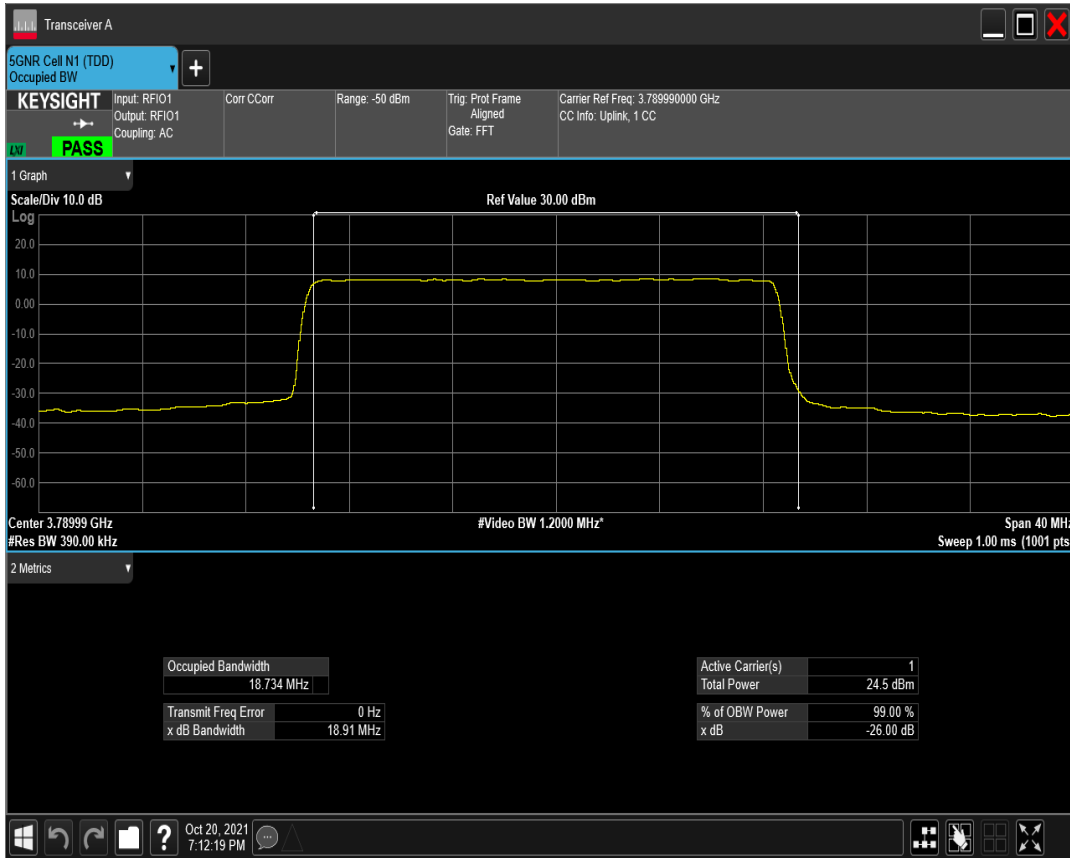




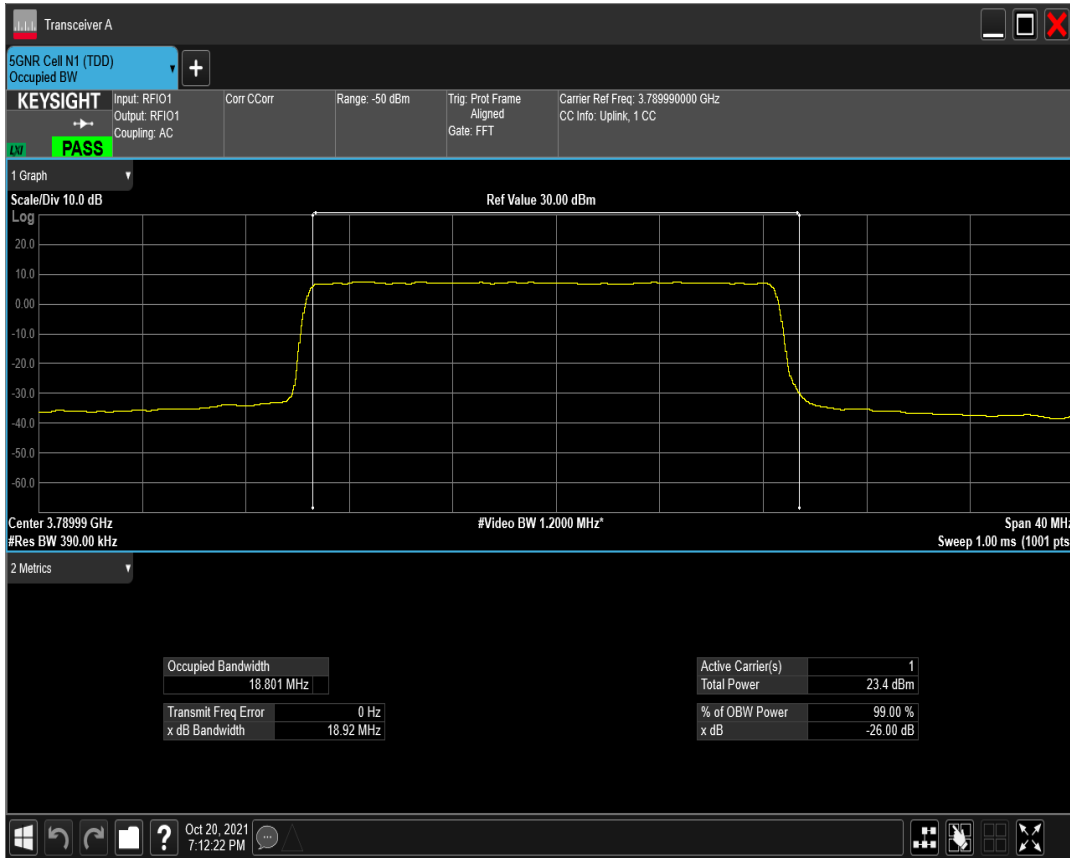
n78(3700-3800) SCS=15kHz DFT\_BPSK BW=20MHz Channel=652666 RB=100@0



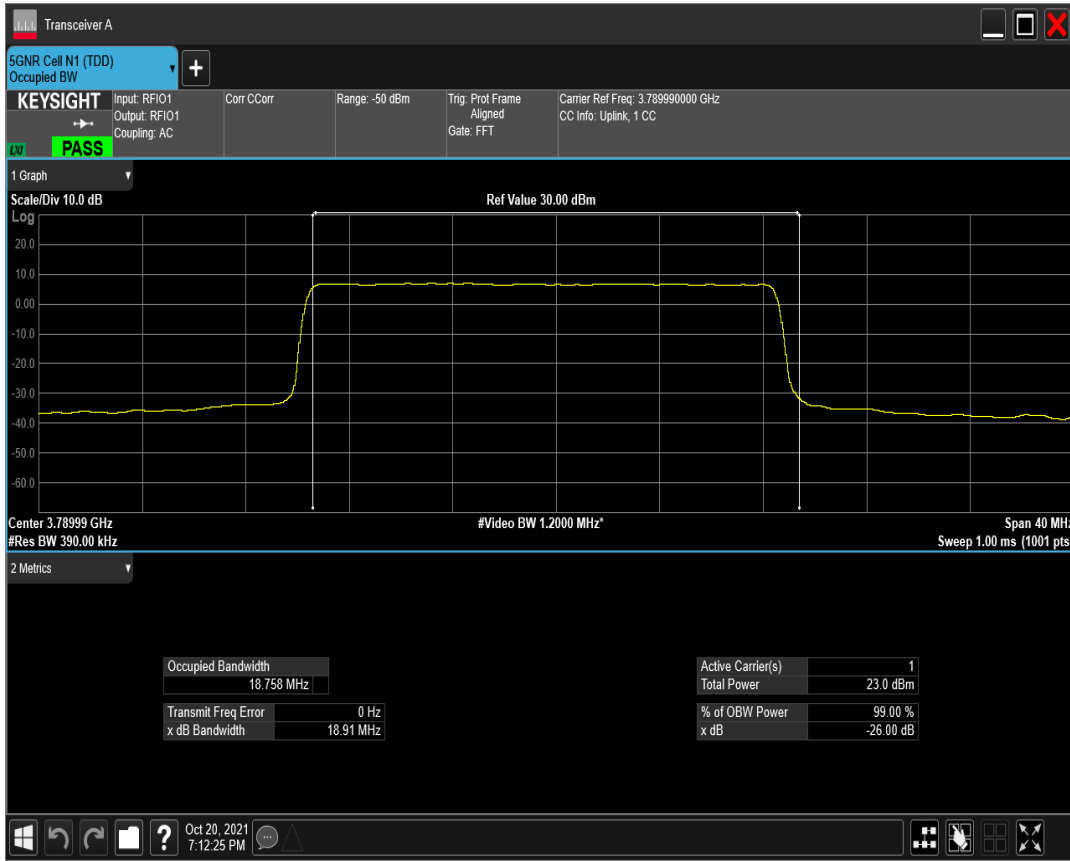
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=100@0



n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=652666 RB=100@0



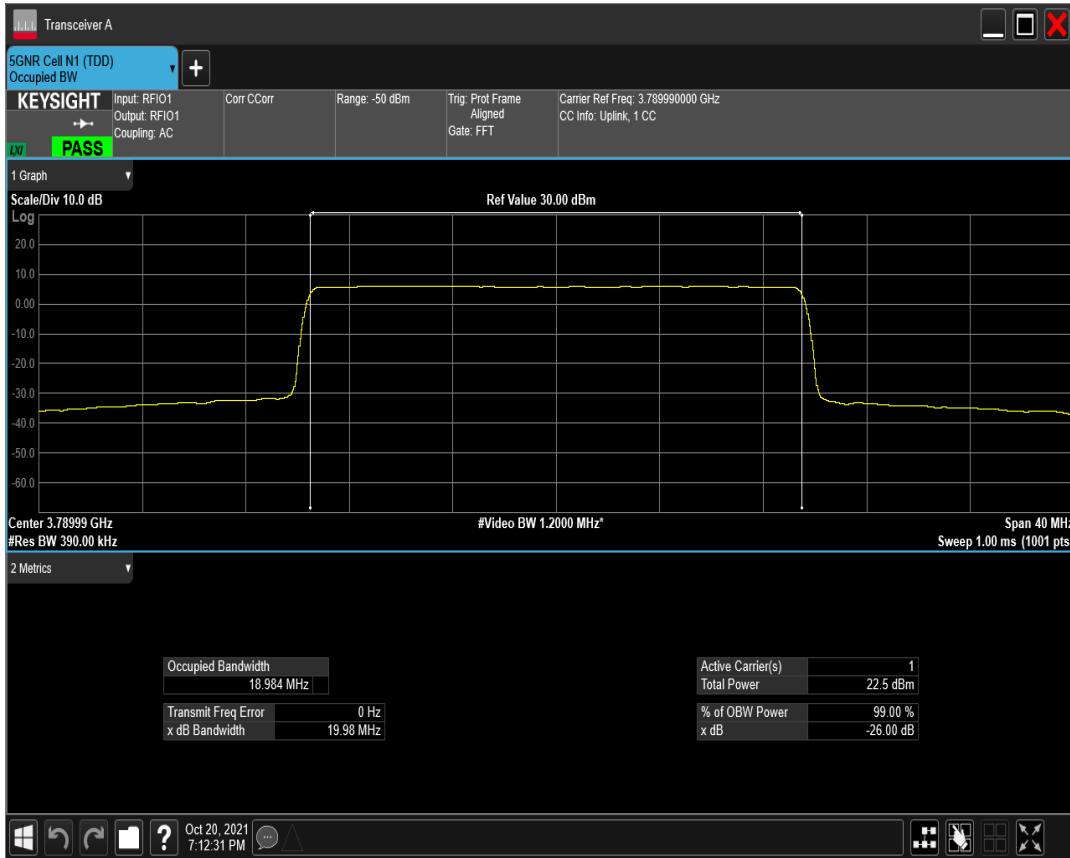
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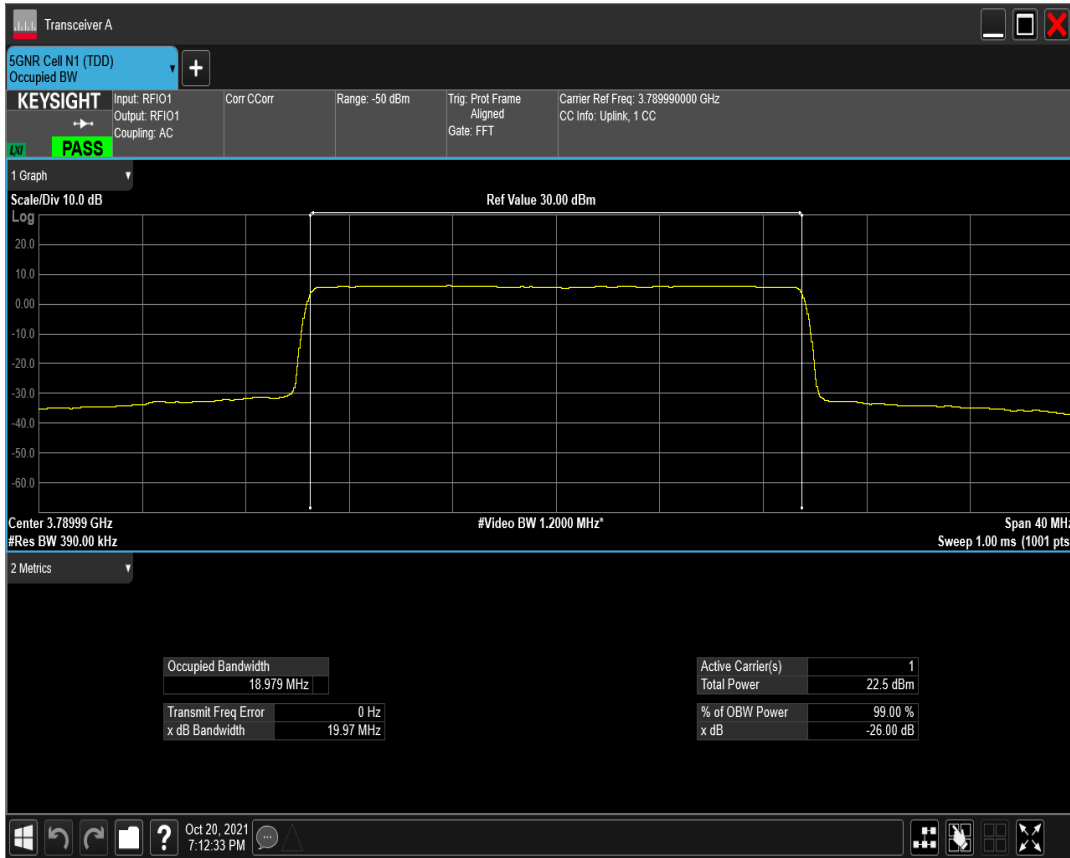
n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=652666 RB=100@0



n78(3700-3800) SCS=15kHz CP\_QPSK BW=20MHz Channel=652666 RB=106@0

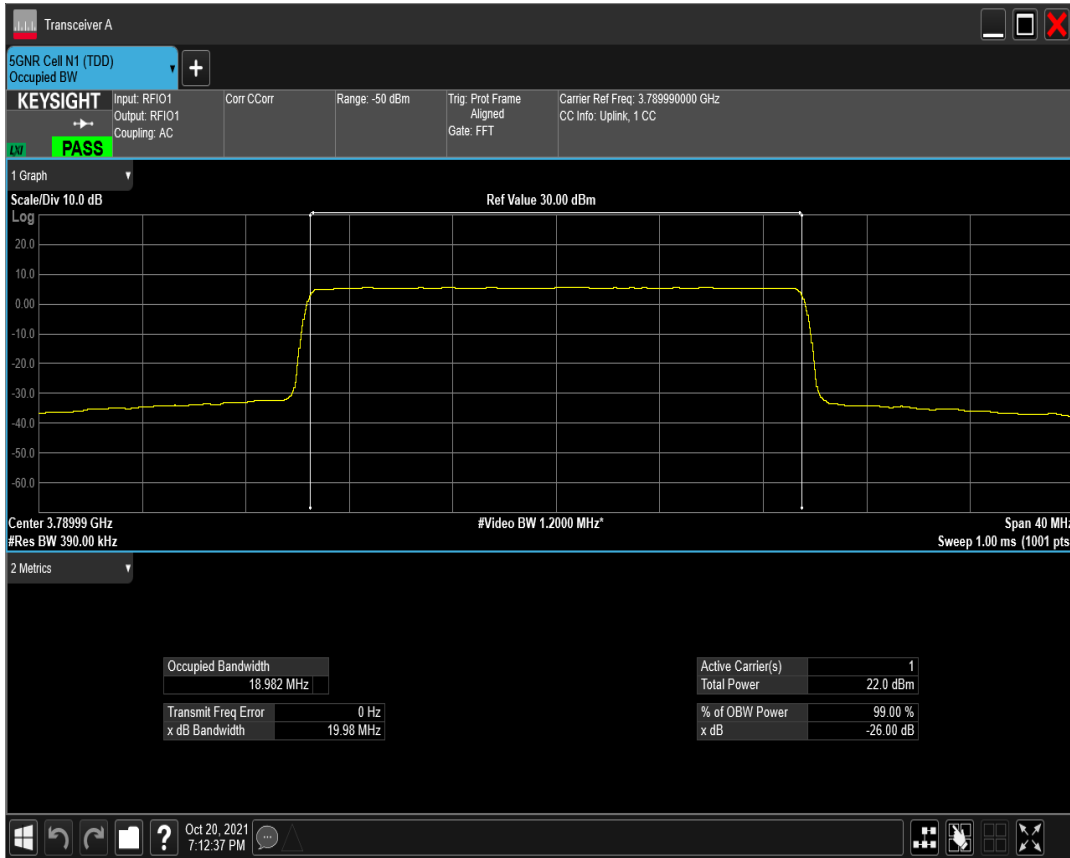


n78(3700-3800) SCS=15kHz CP\_QAM16 BW=20MHz Channel=652666 RB=106@0

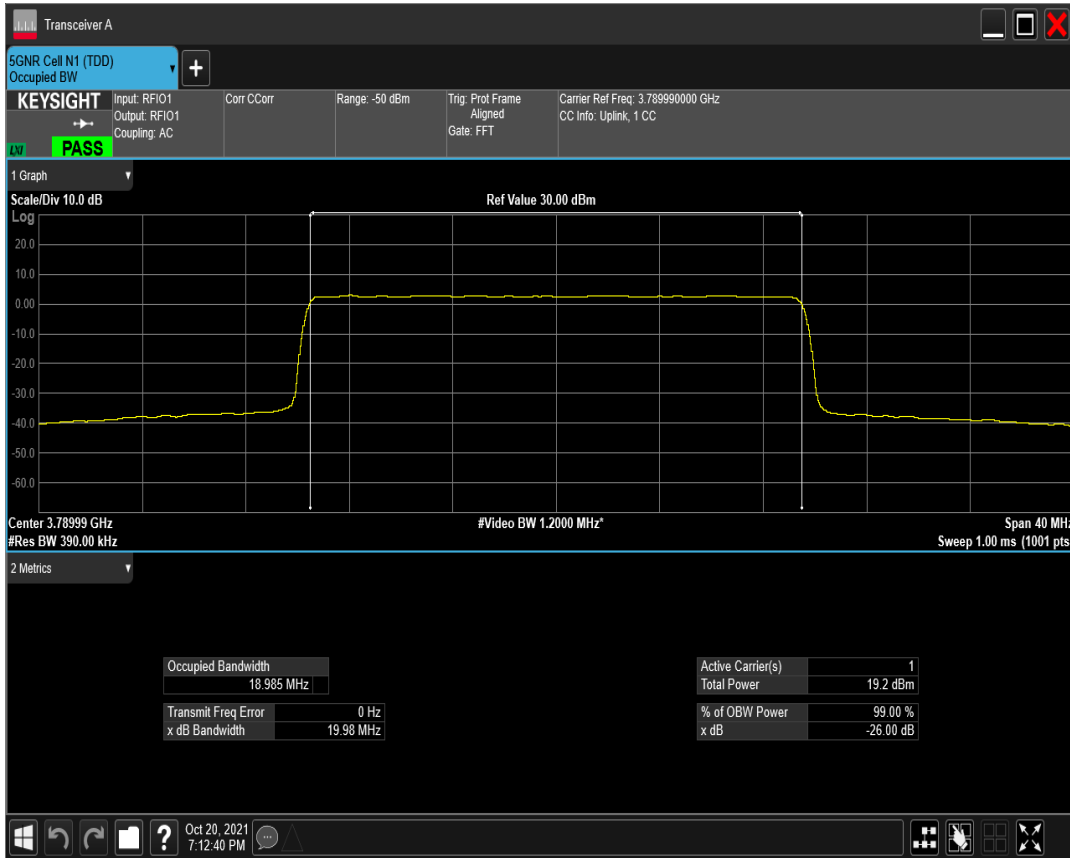


n78(3700-3800) SCS=15kHz CP\_QAM64 BW=20MHz Channel=652666 RB=106@0

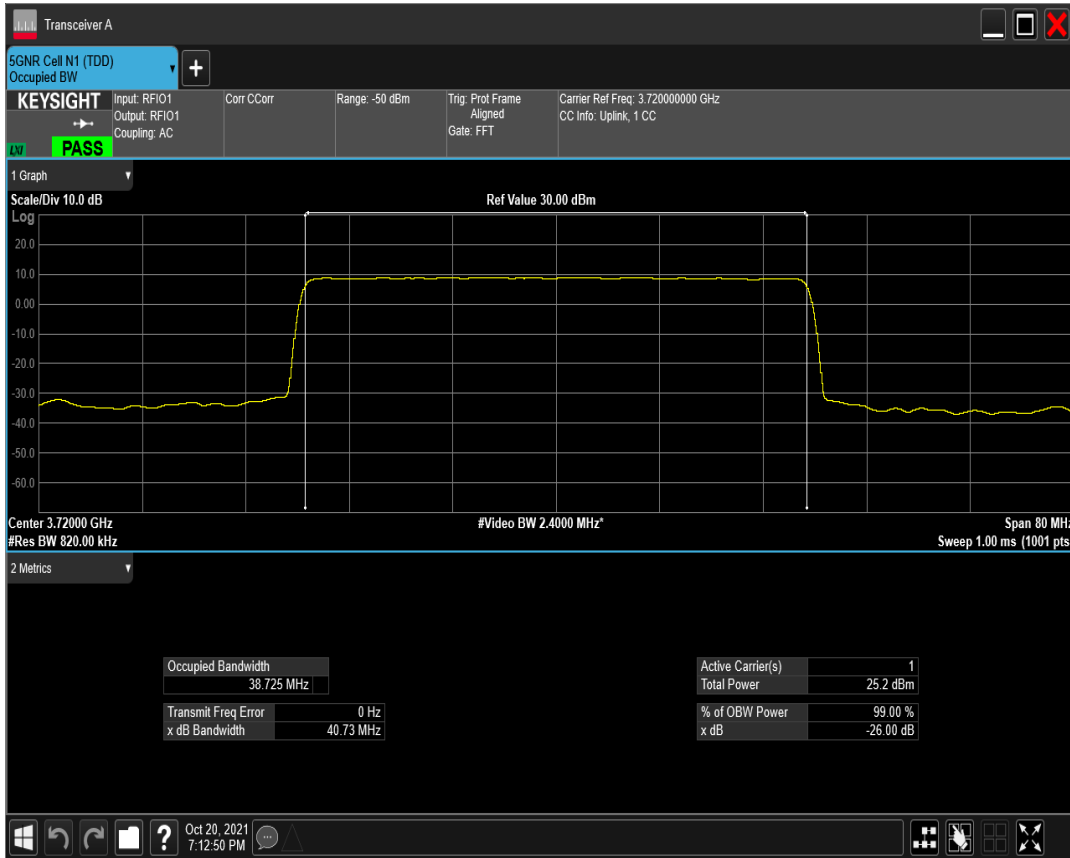




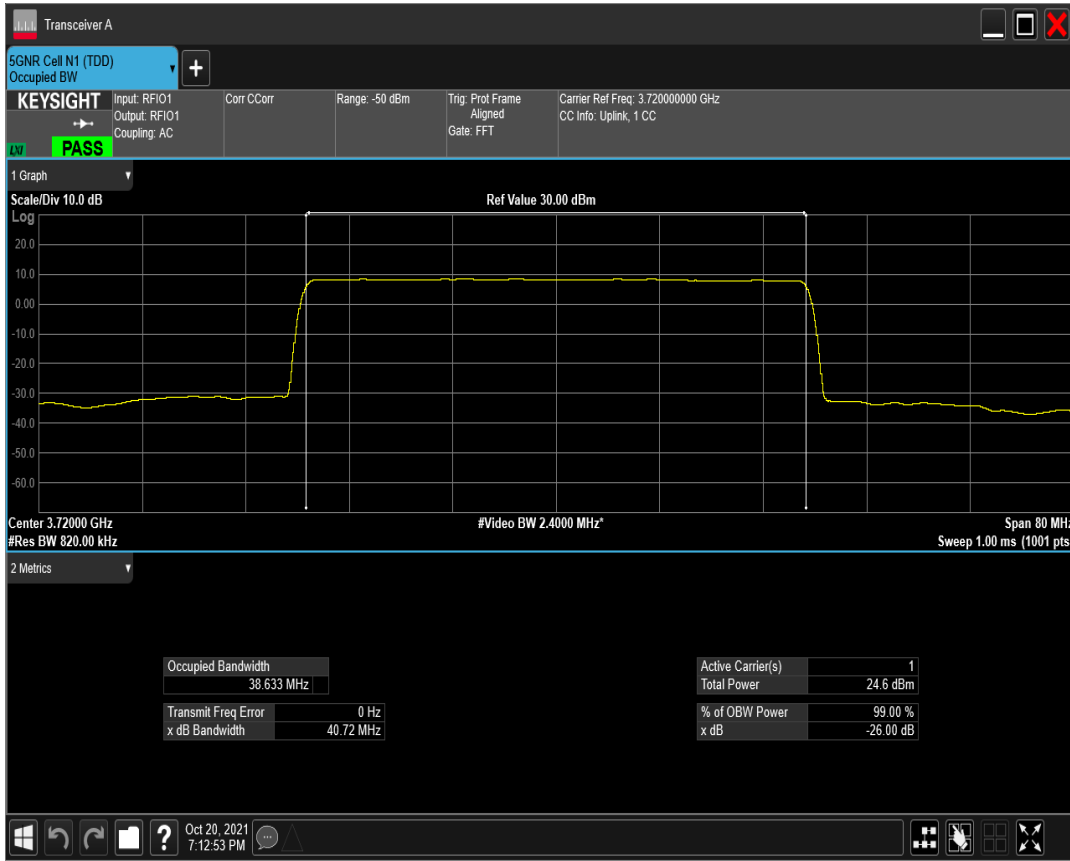
n78(3700-3800) SCS=15kHz CP\_QAM256 BW=20MHz Channel=652666 RB=106@0



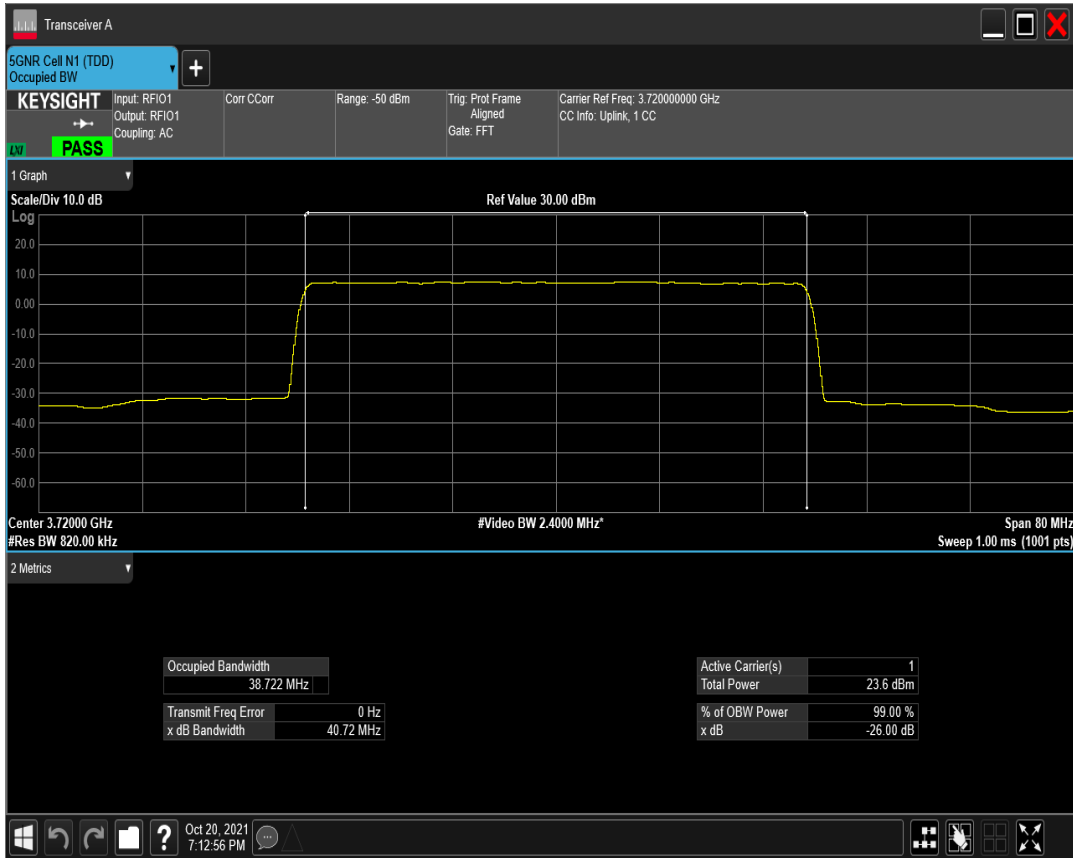
n78(3700-3800) SCS=15kHz DFT\_BPSK BW=40MHz Channel=648000 RB=216@0



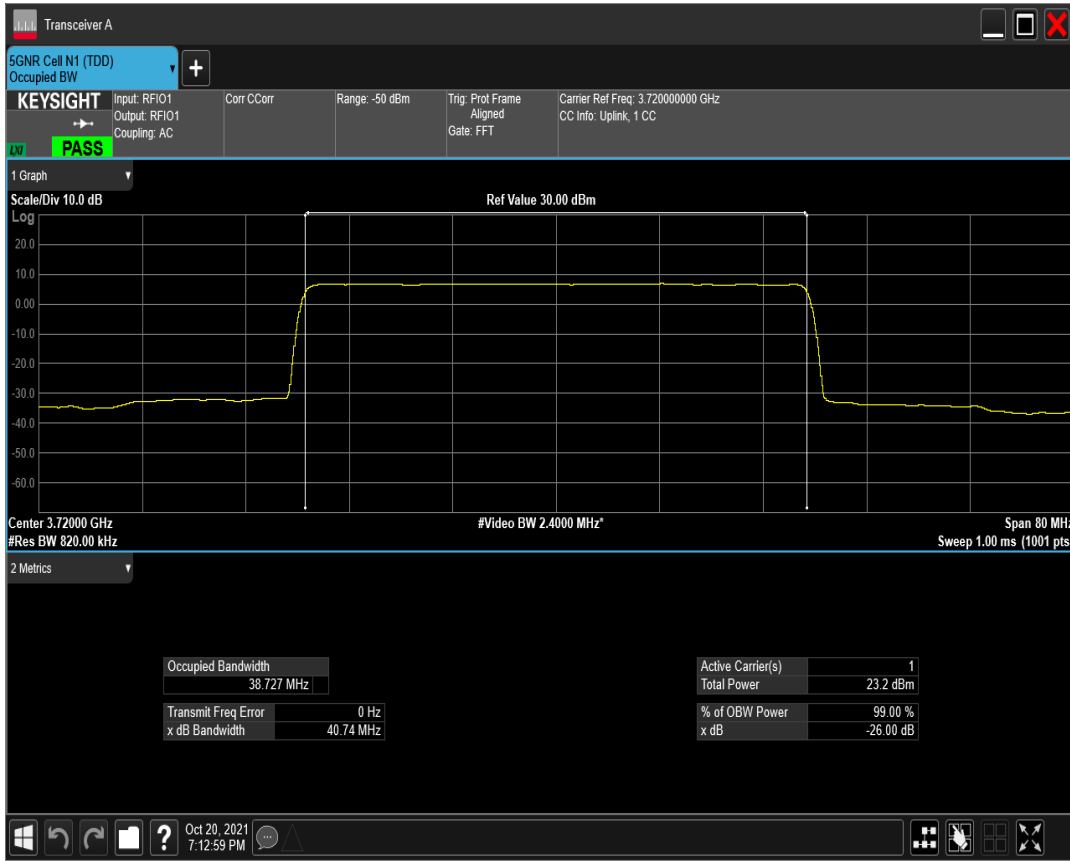
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=40MHz Channel=648000 RB=216@0



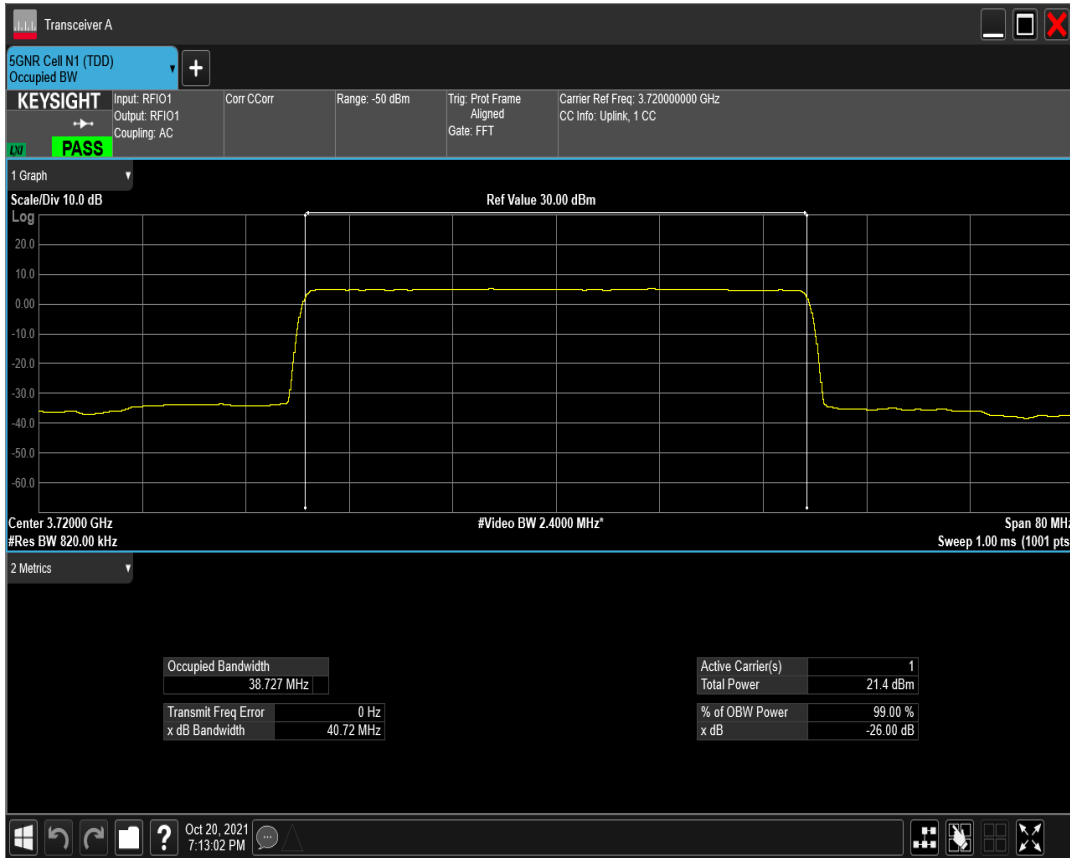
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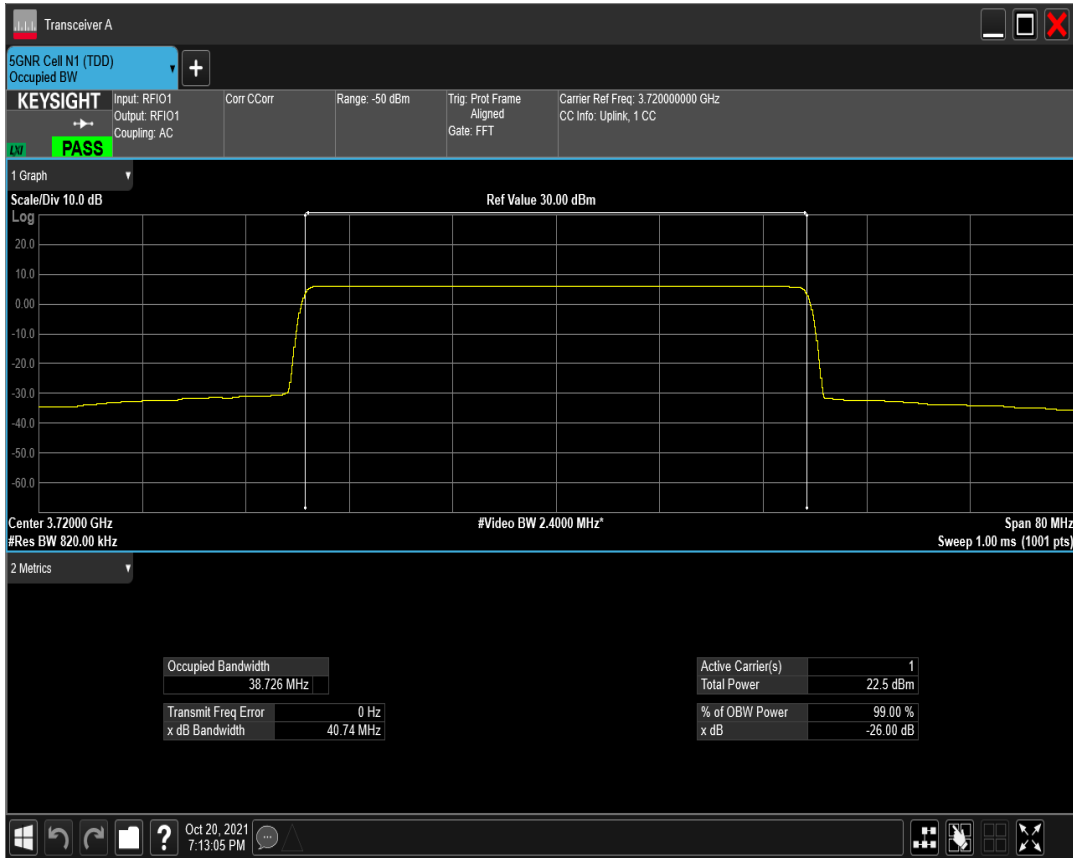
n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=216@0



n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=648000 RB=216@0

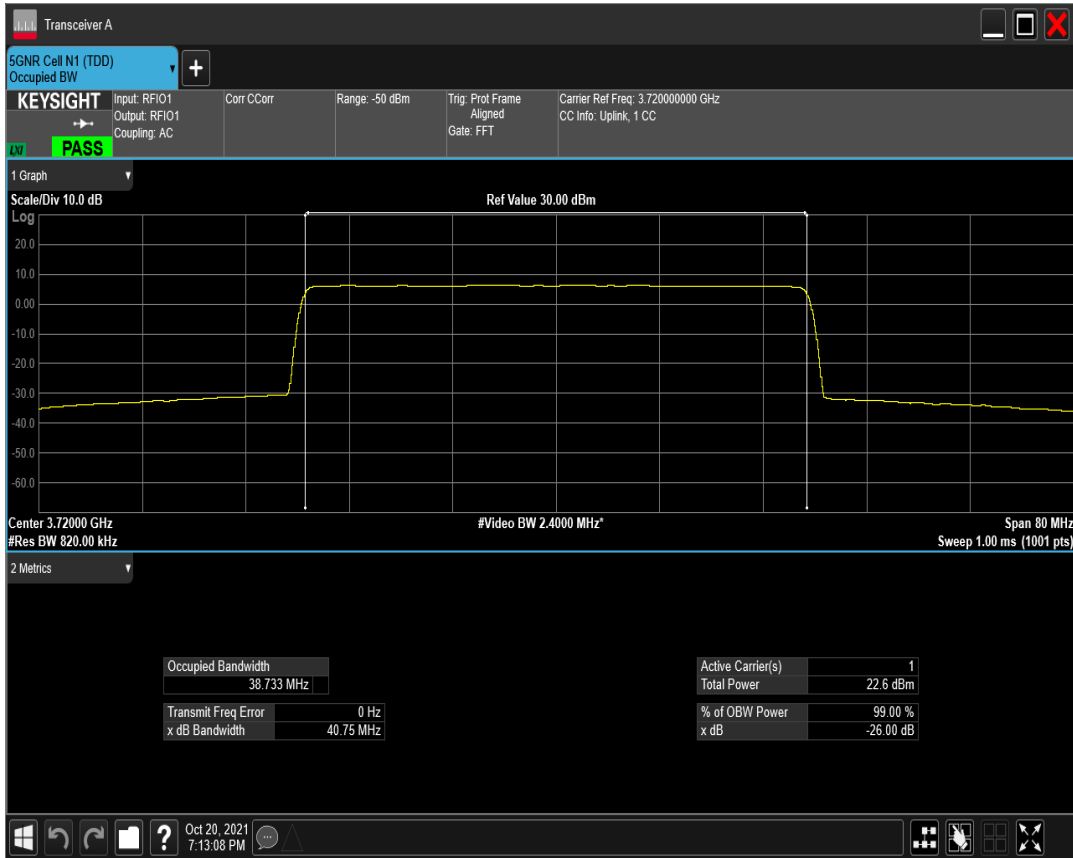


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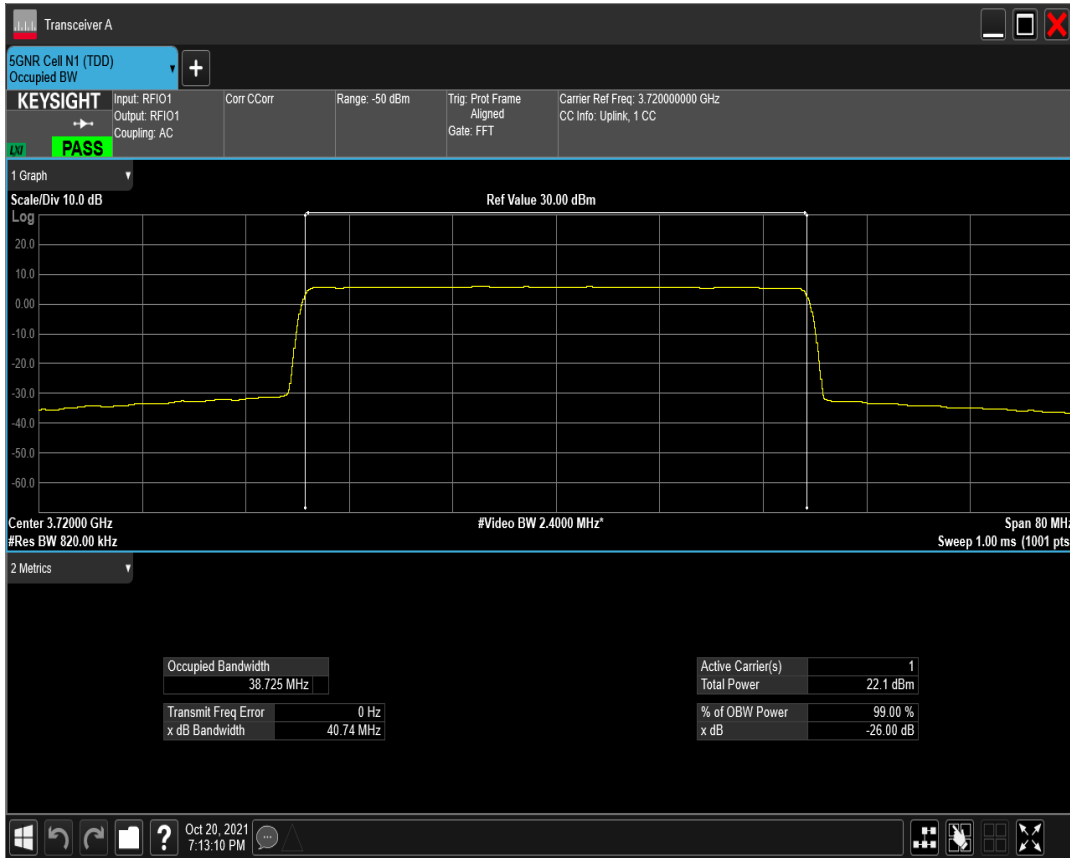


n78(3700-3800) SCS=15kHz CP\_QAM16 BW=40MHz Channel=648000 RB=216@0

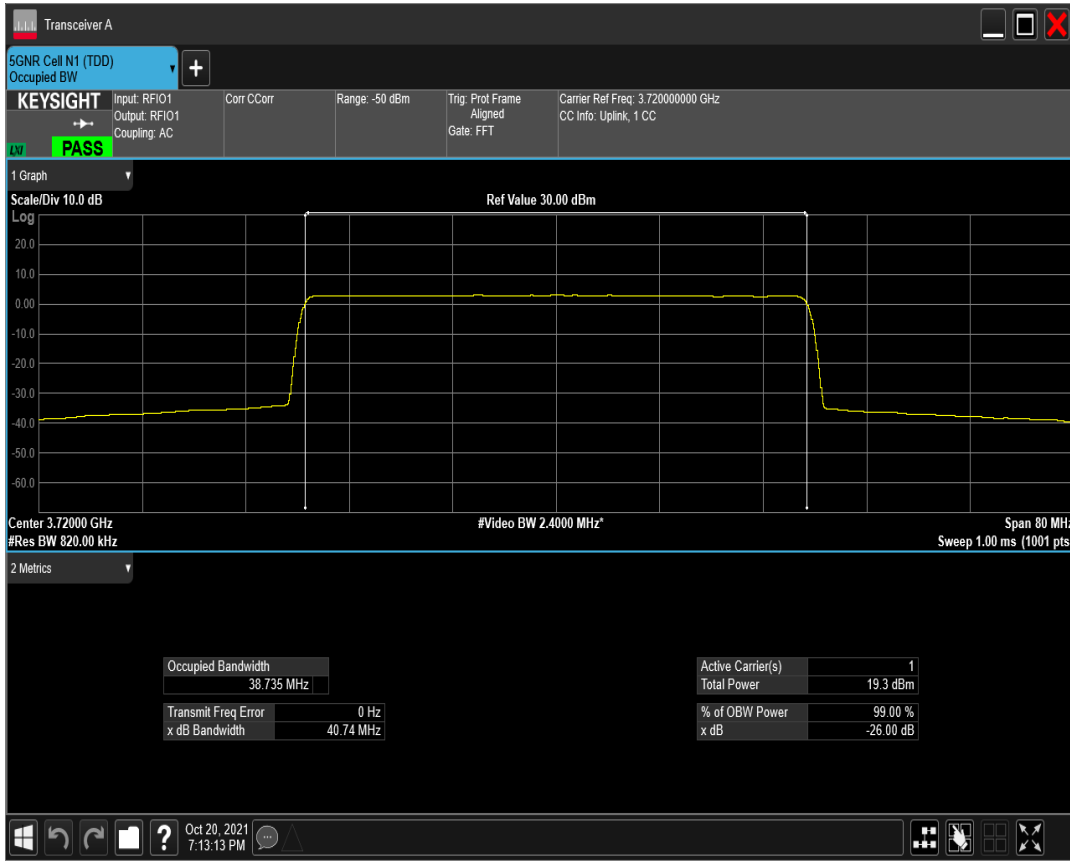




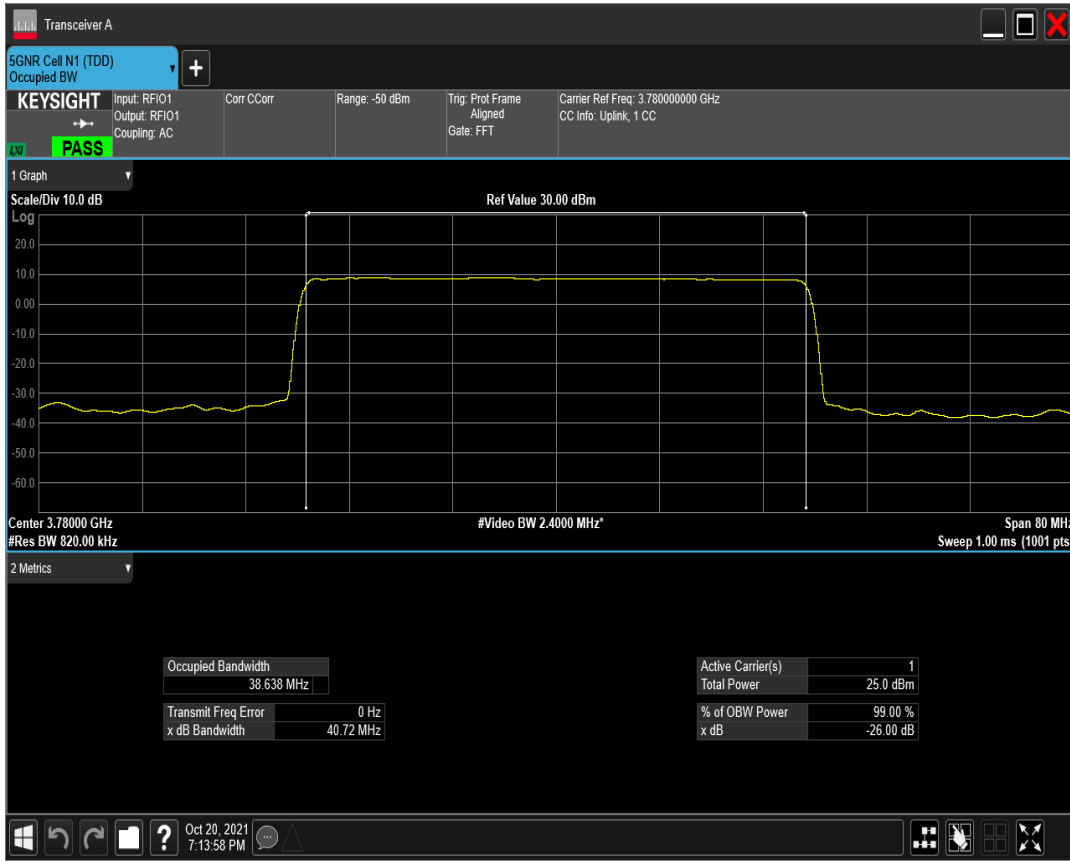
n78(3700-3800) SCS=15kHz CP\_QAM64 BW=40MHz Channel=648000 RB=216@0



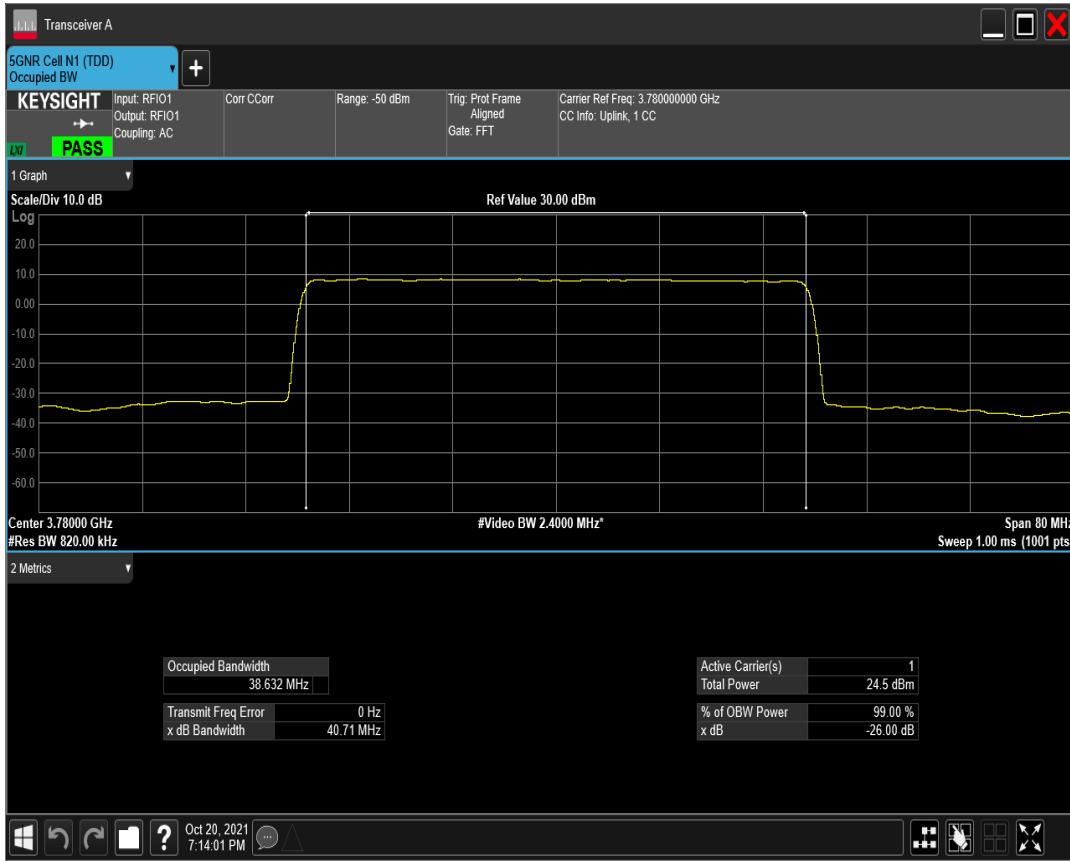
n78(3700-3800) SCS=15kHz CP\_QAM256 BW=40MHz Channel=648000 RB=216@0



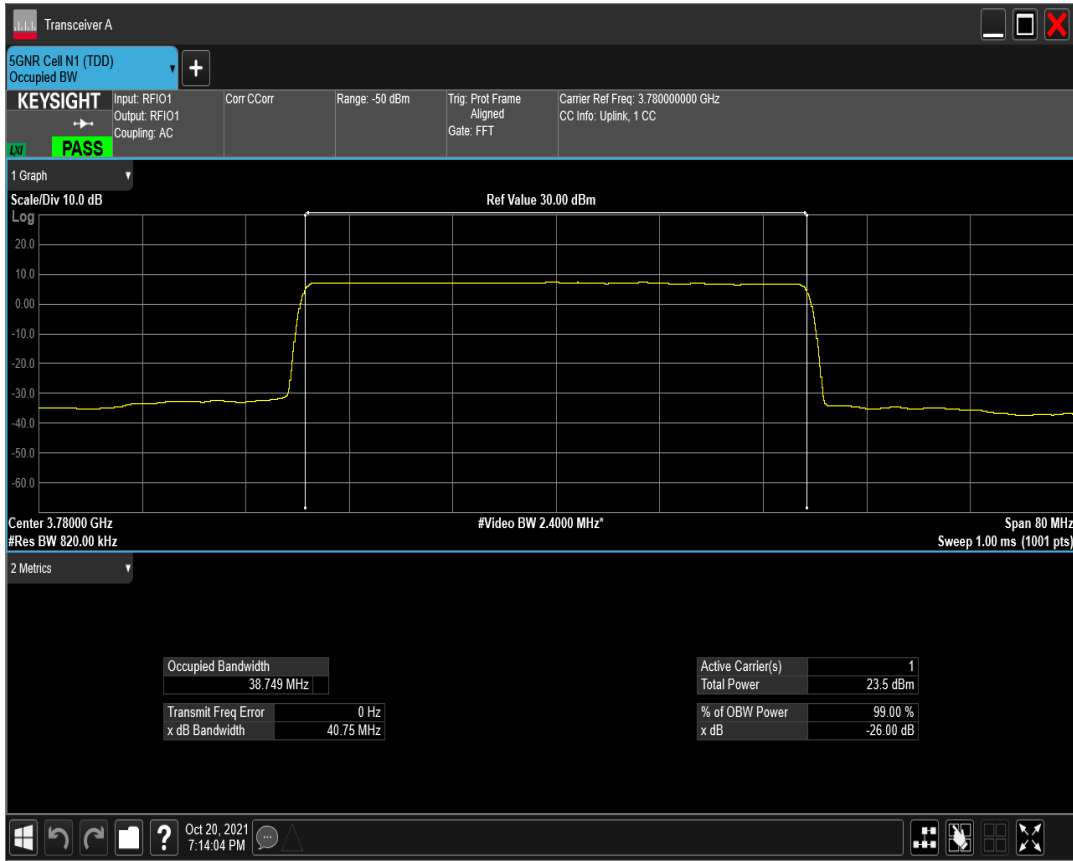
n78(3700-3800) SCS=15kHz DFT\_BPSK BW=40MHz Channel=652000 RB=216@0



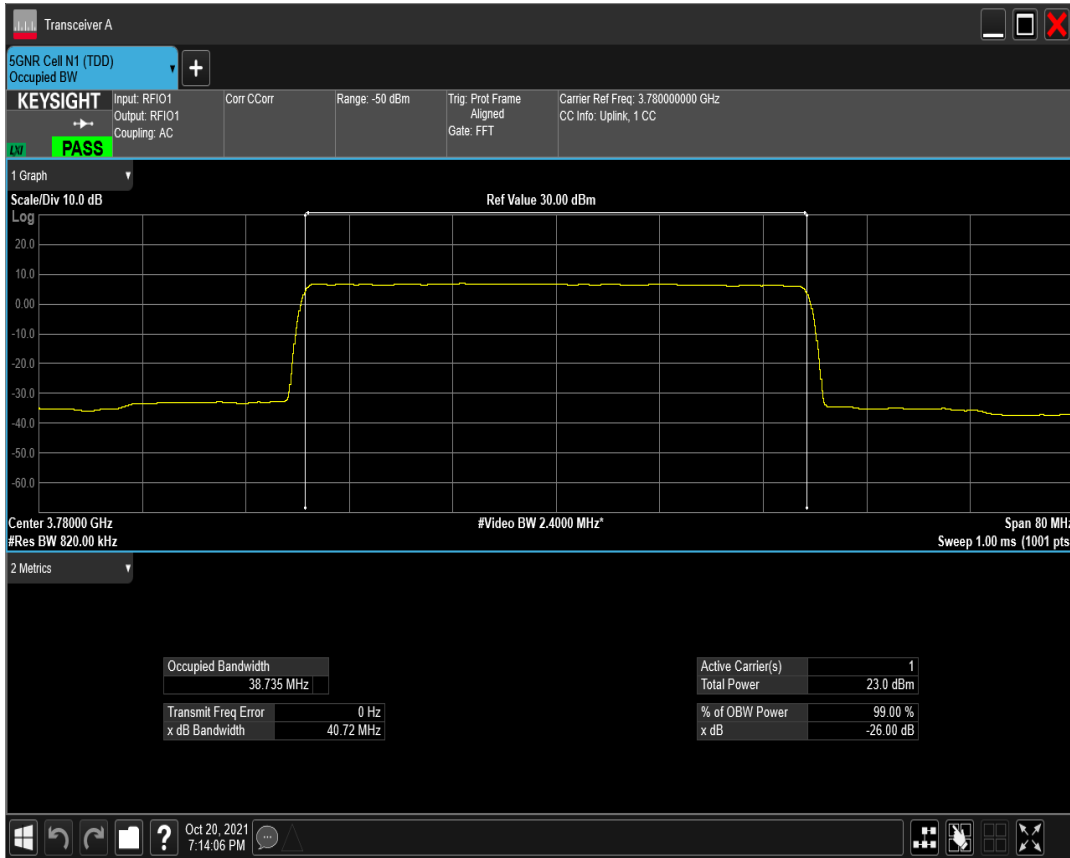
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=40MHz Channel=652000 RB=216@0



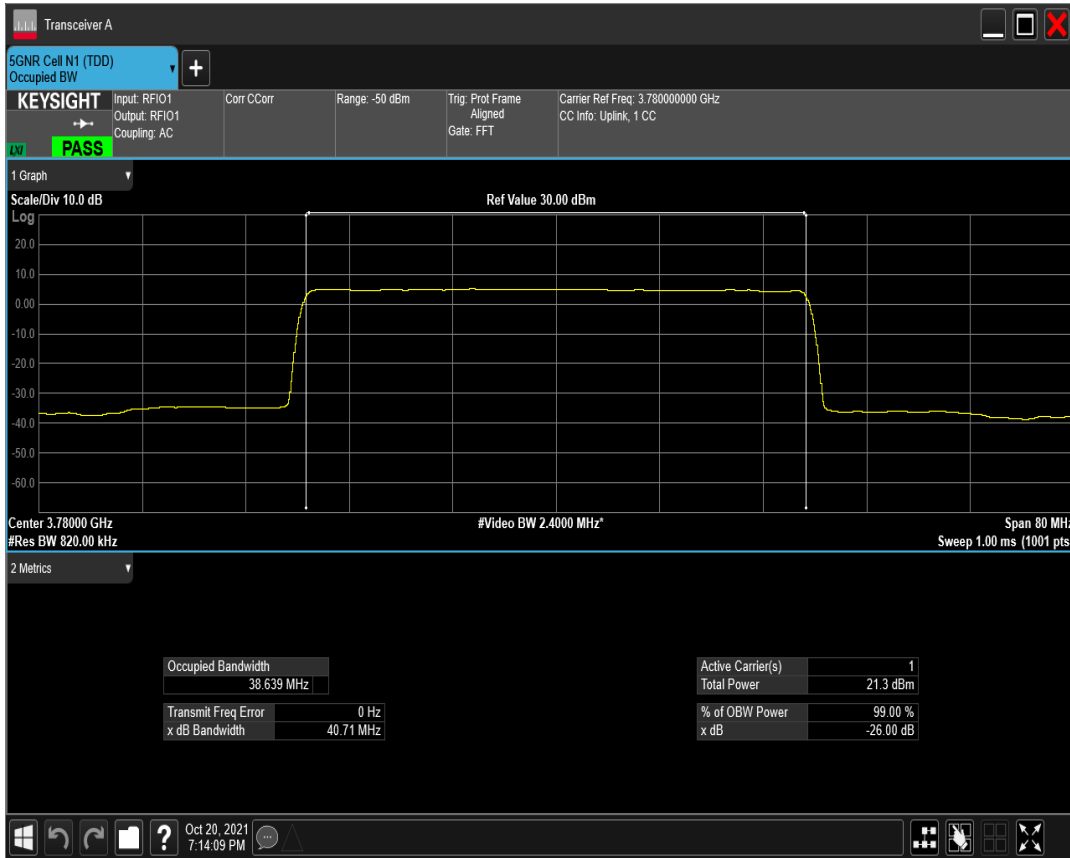
n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=652000 RB=216@0



n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=652000 RB=216@0

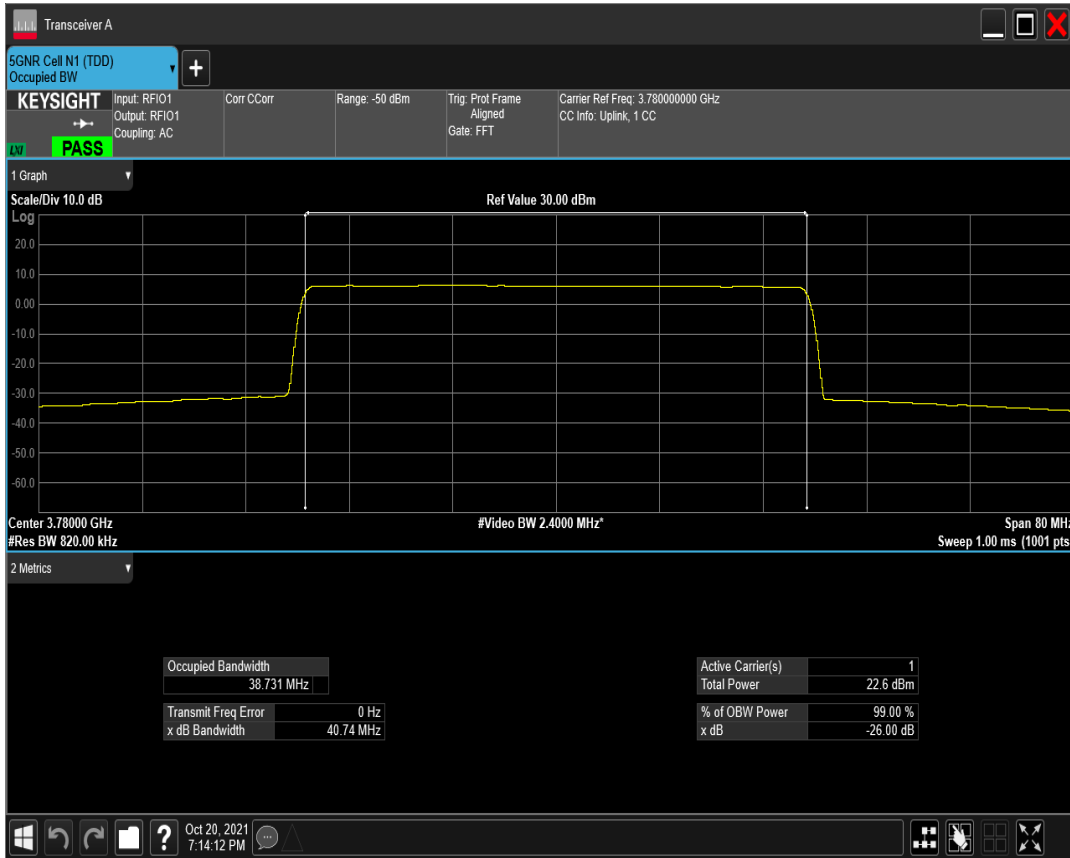


n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=652000 RB=216@0

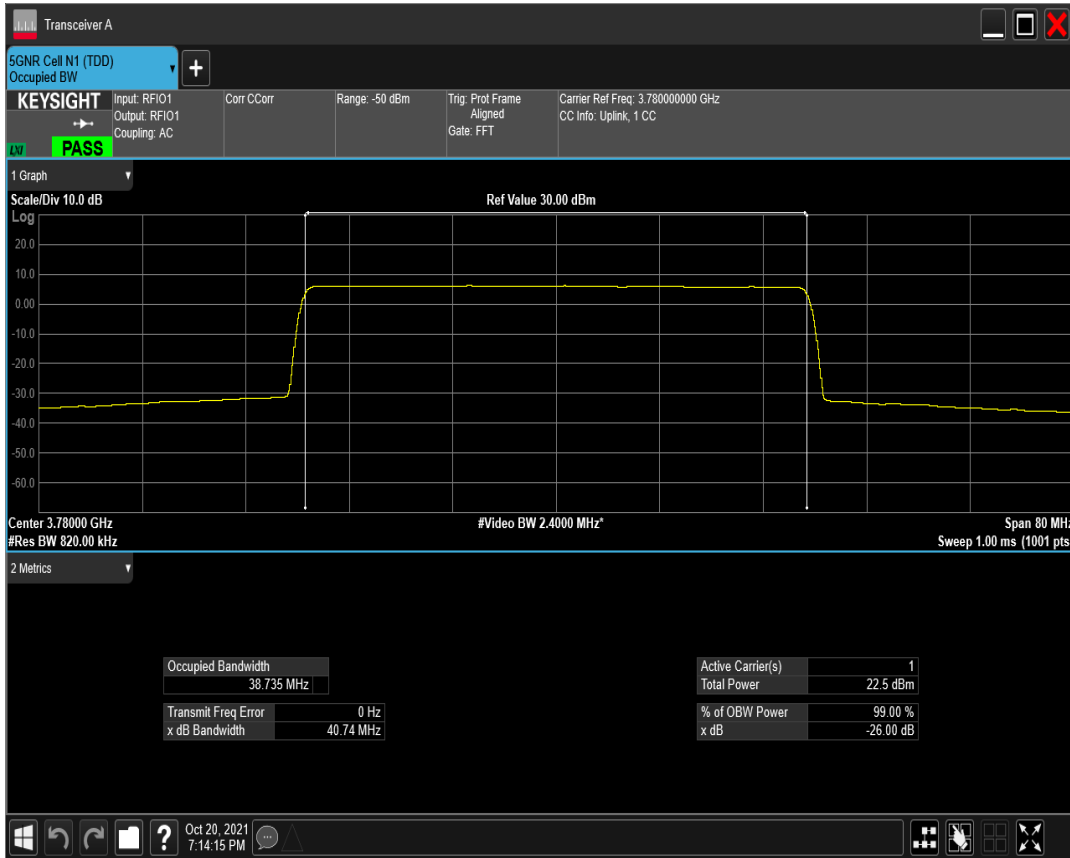


n78(3700-3800) SCS=15kHz CP\_QPSK BW=40MHz Channel=652000 RB=216@0

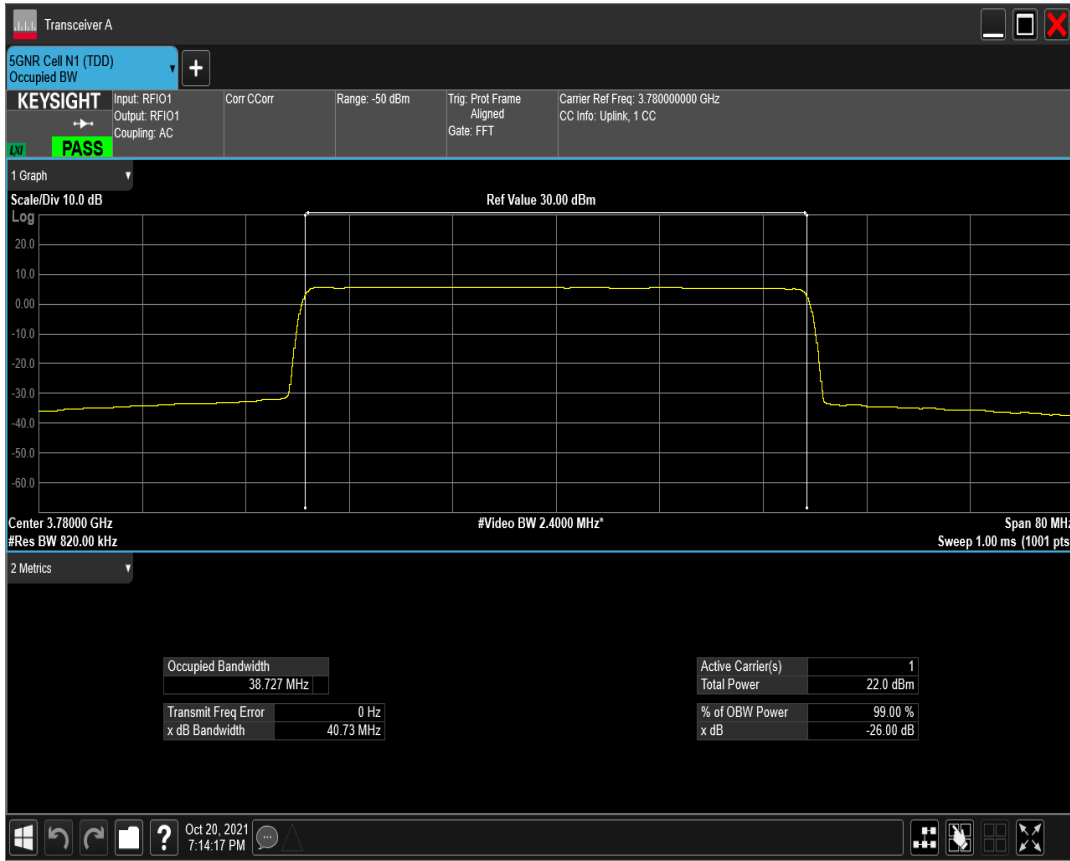




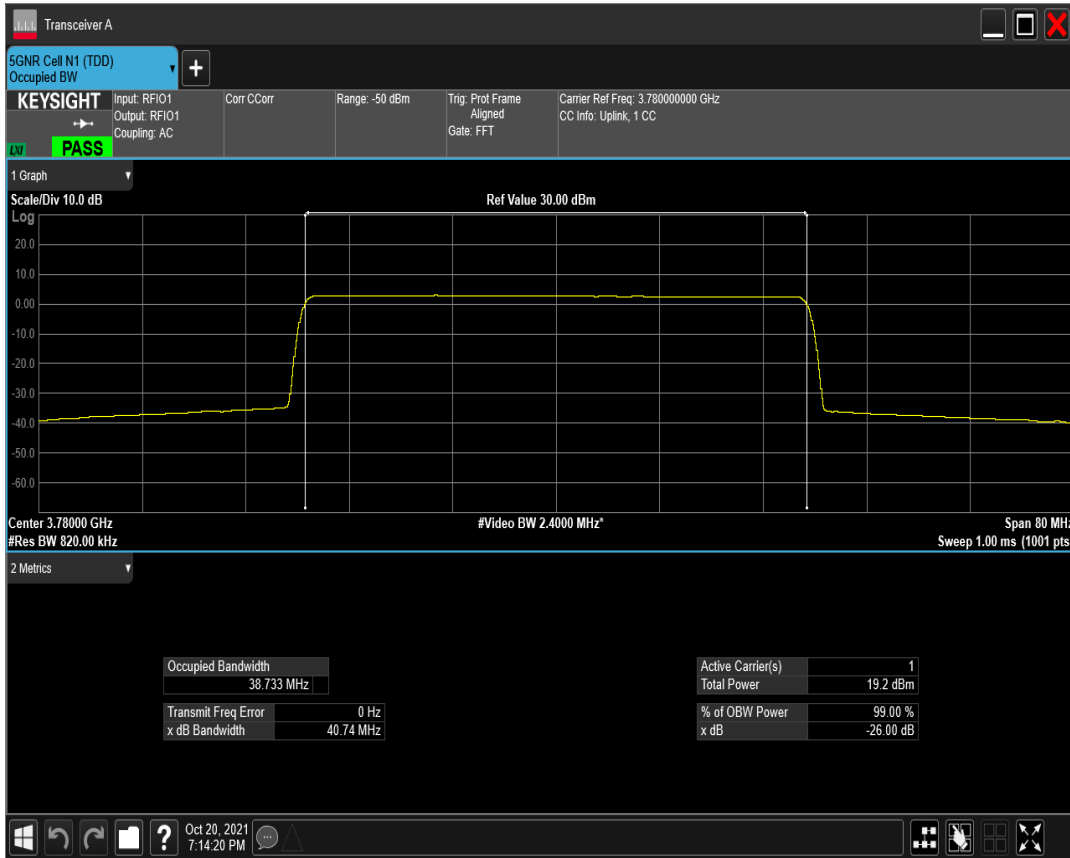
n78(3700-3800) SCS=15kHz CP\_QAM16 BW=40MHz Channel=652000 RB=216@0



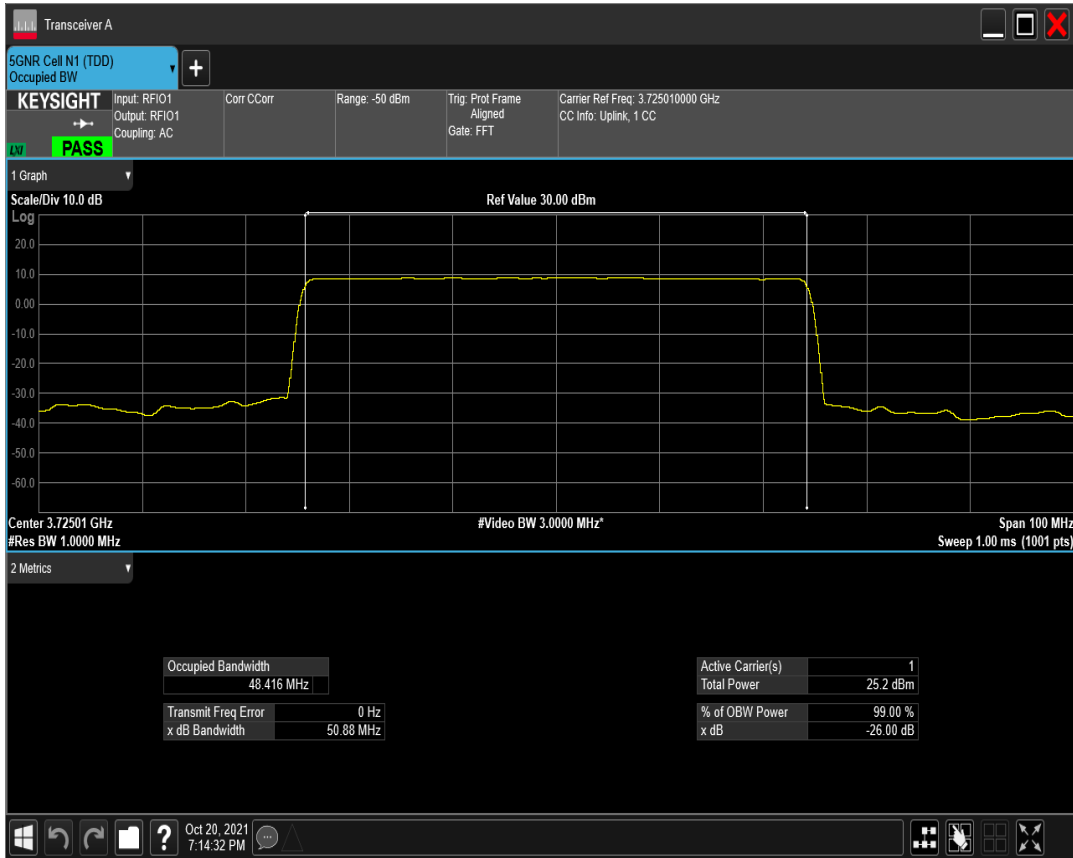
n78(3700-3800) SCS=15kHz CP\_QAM64 BW=40MHz Channel=652000 RB=216@0



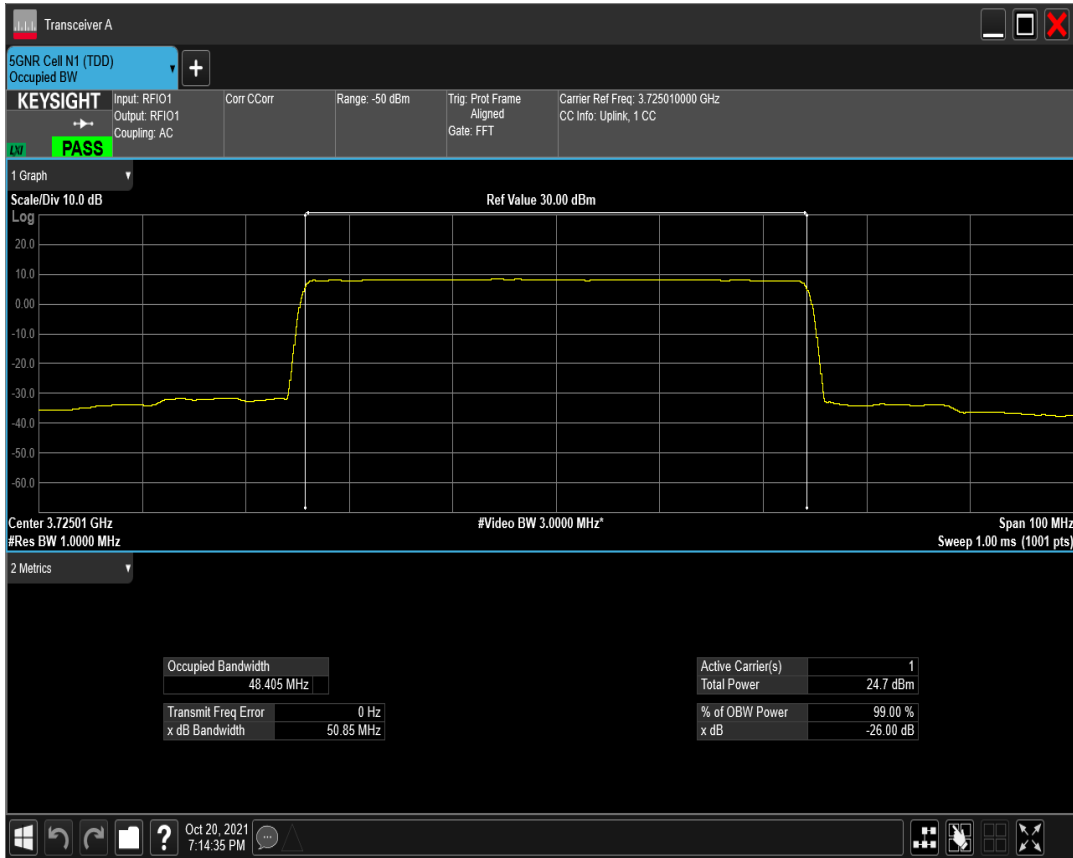
n78(3700-3800) SCS=15kHz CP\_QAM256 BW=40MHz Channel=652000 RB=216@0



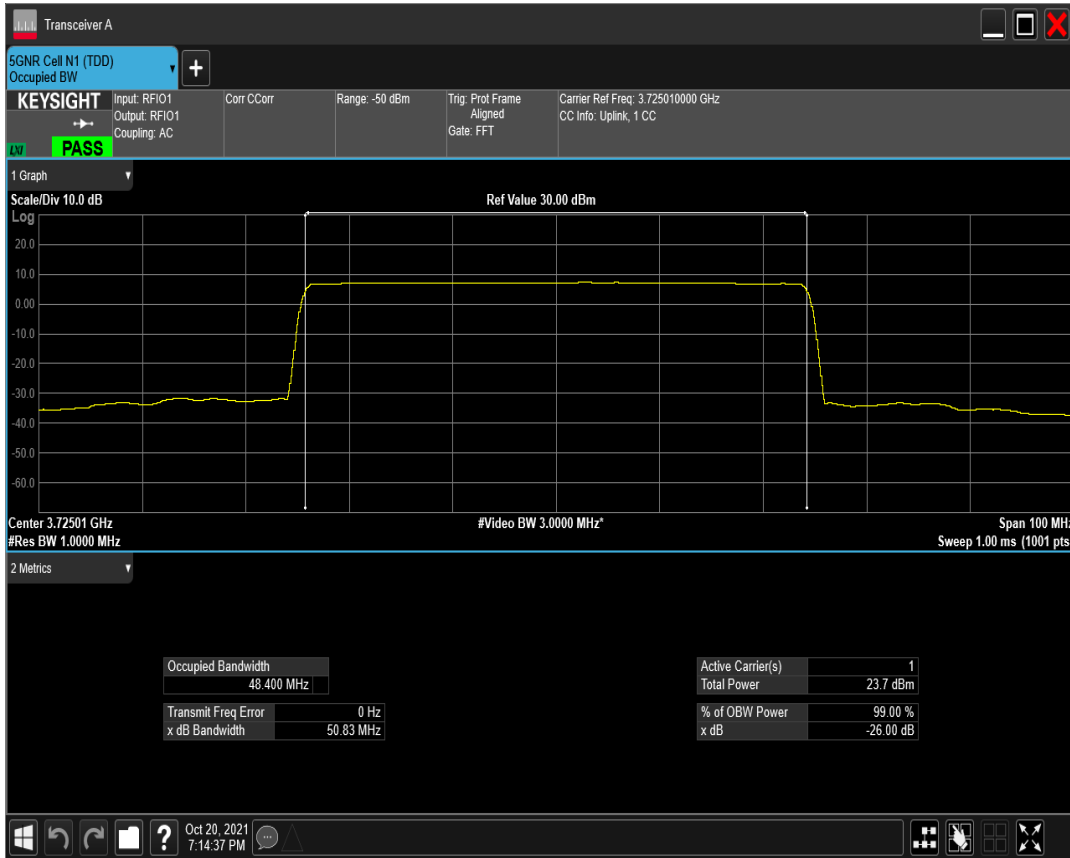
n78(3700-3800) SCS=15kHz DFT\_BPSK BW=50MHz Channel=648334 RB=270@0



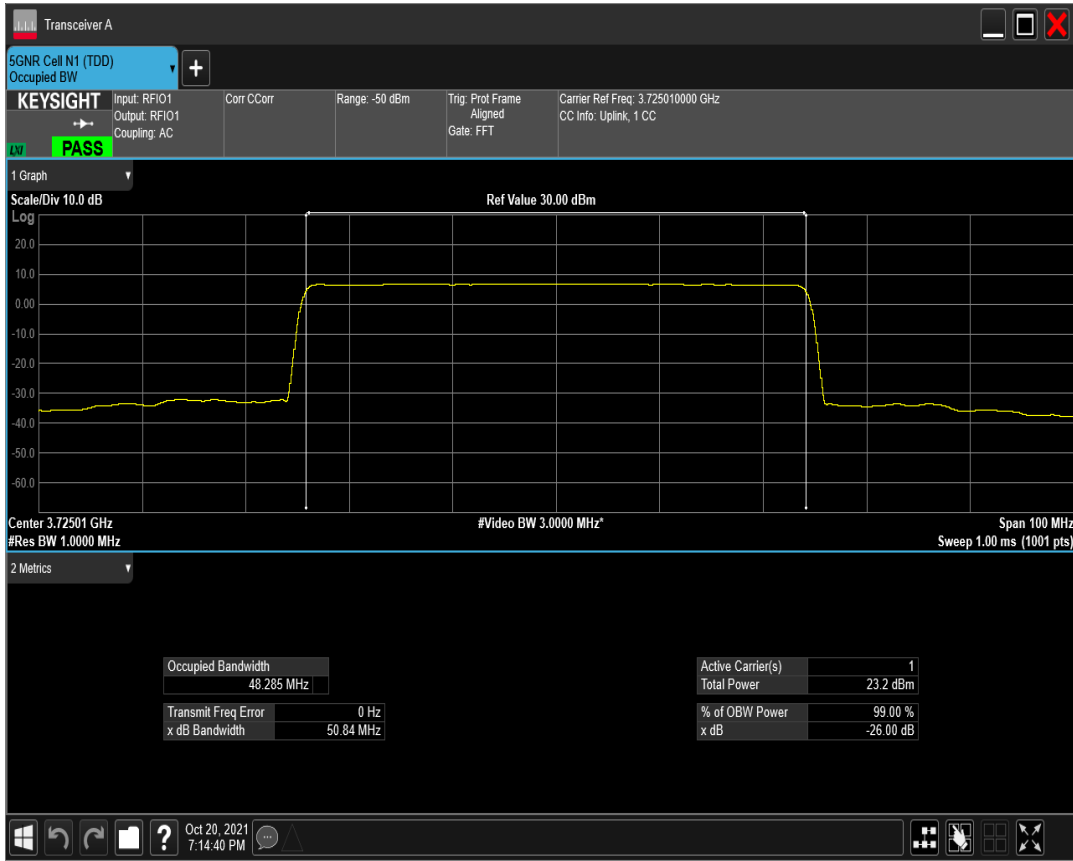
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=648334 RB=270@0

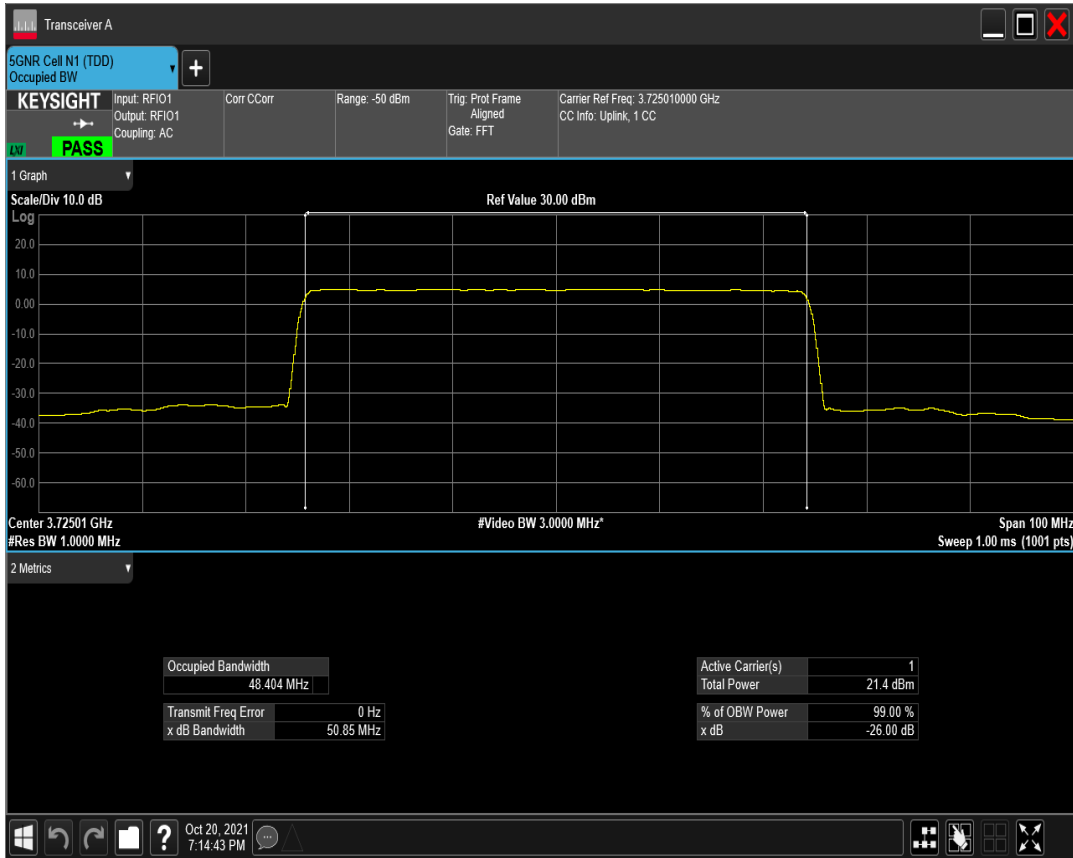


n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=648334 RB=270@0

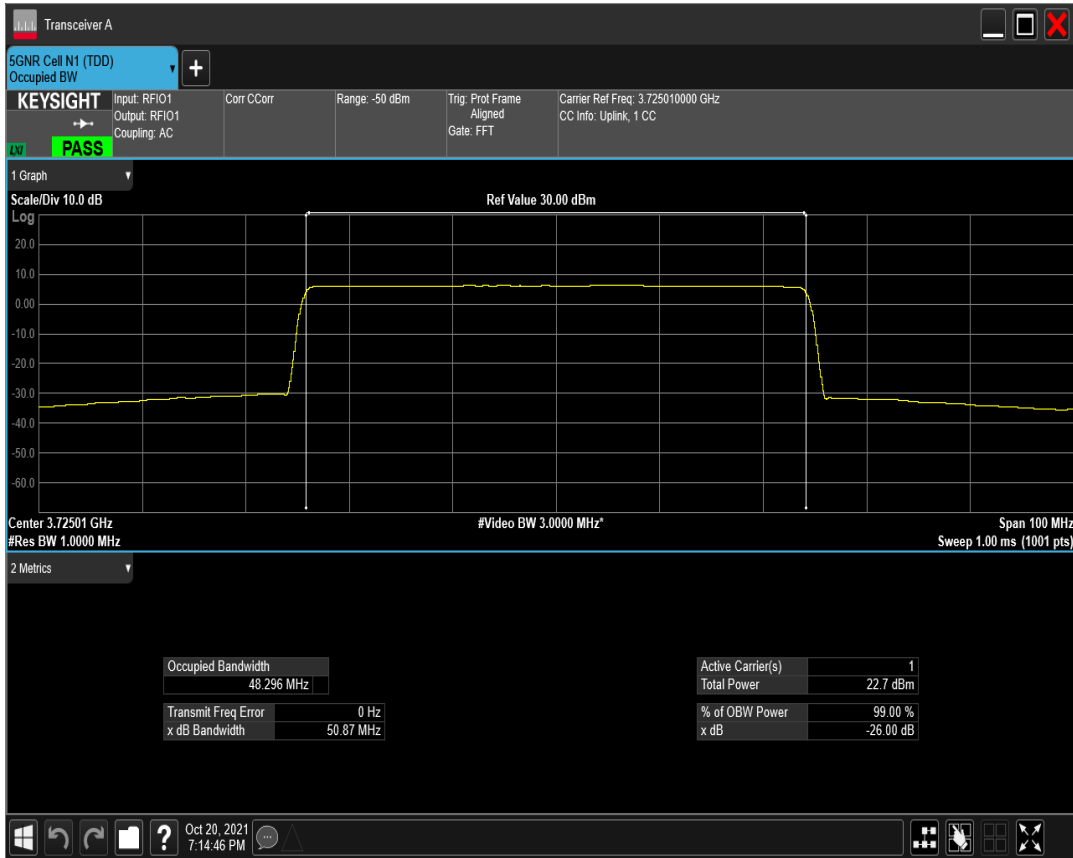


n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=648334 RB=270@0

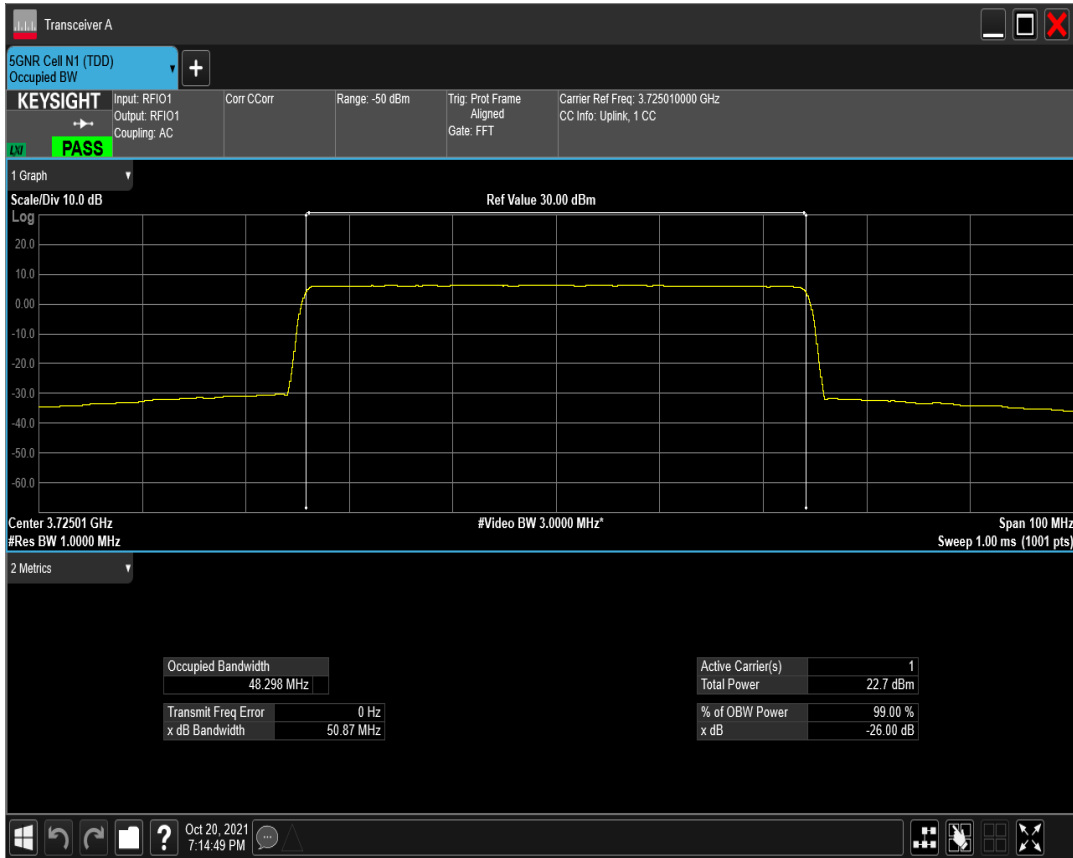




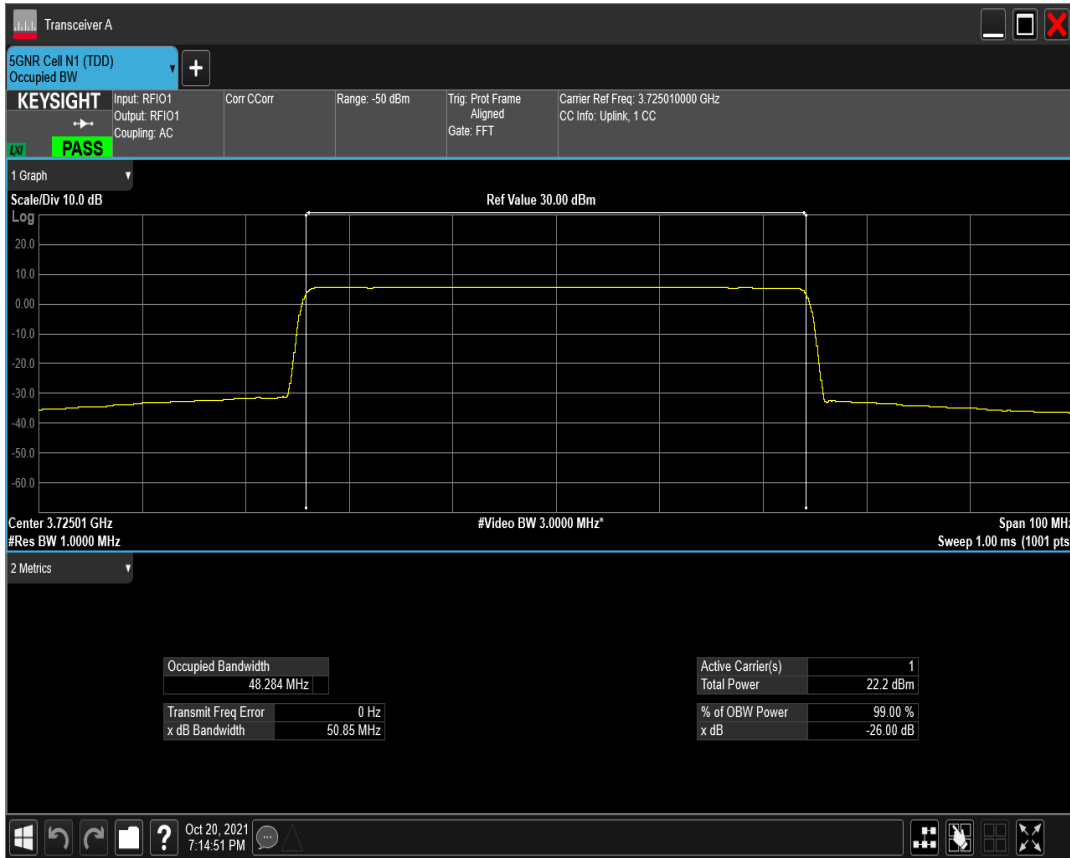
n78(3700-3800) SCS=15kHz CP\_QPSK BW=50MHz Channel=648334 RB=270@0



n78(3700-3800) SCS=15kHz CP\_QAM16 BW=50MHz Channel=648334 RB=270@0



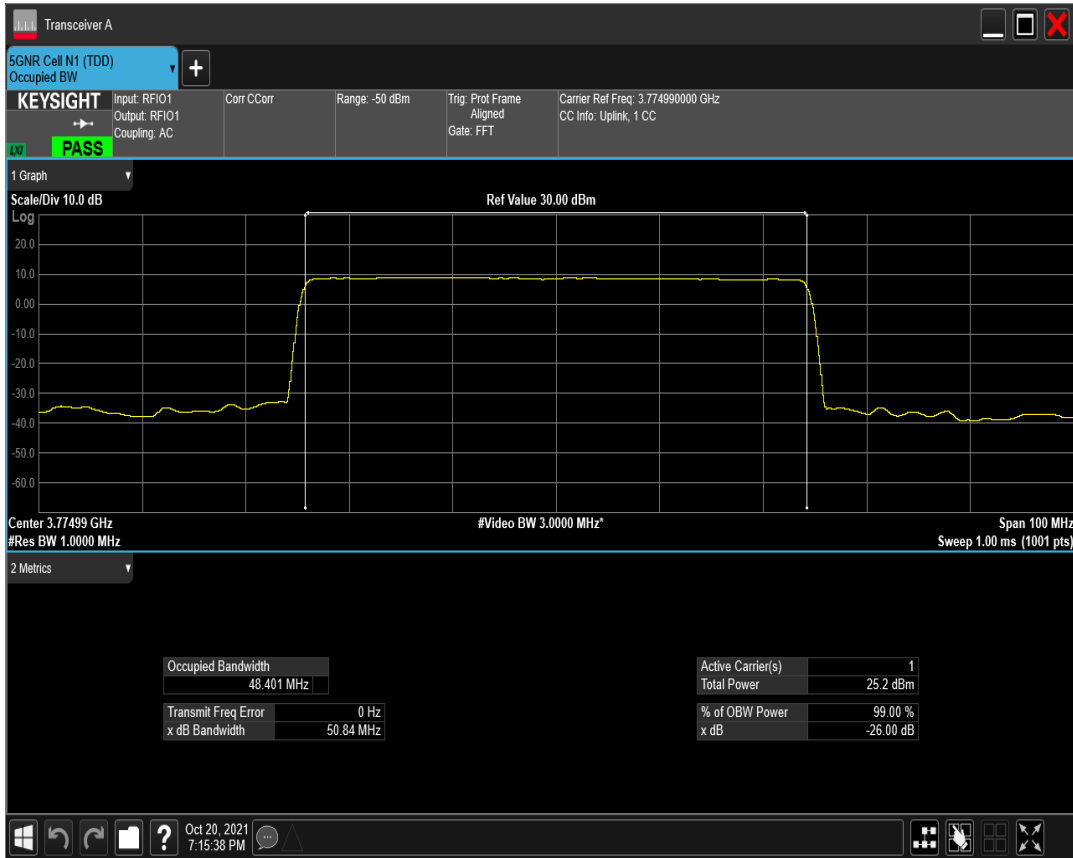
n78(3700-3800) SCS=15kHz CP\_QAM64 BW=50MHz Channel=648334 RB=270@0



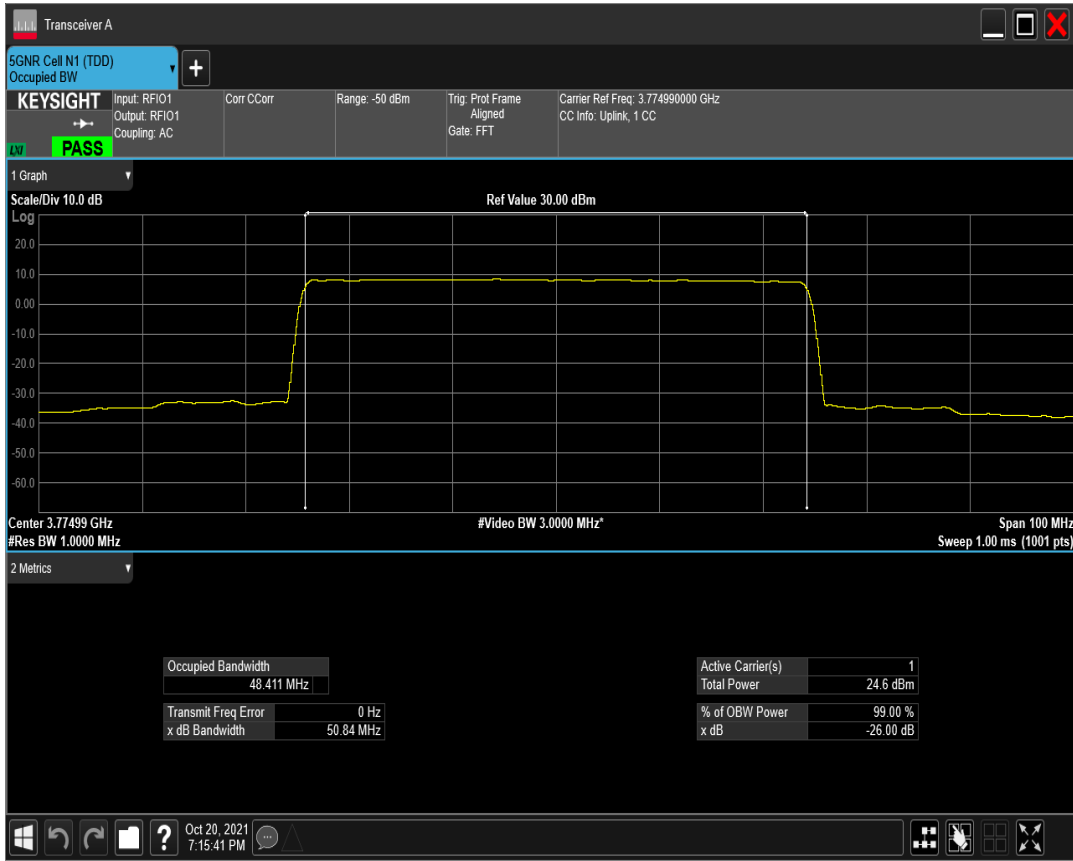
n78(3700-3800) SCS=15kHz CP\_QAM256 BW=50MHz Channel=648334 RB=270@0



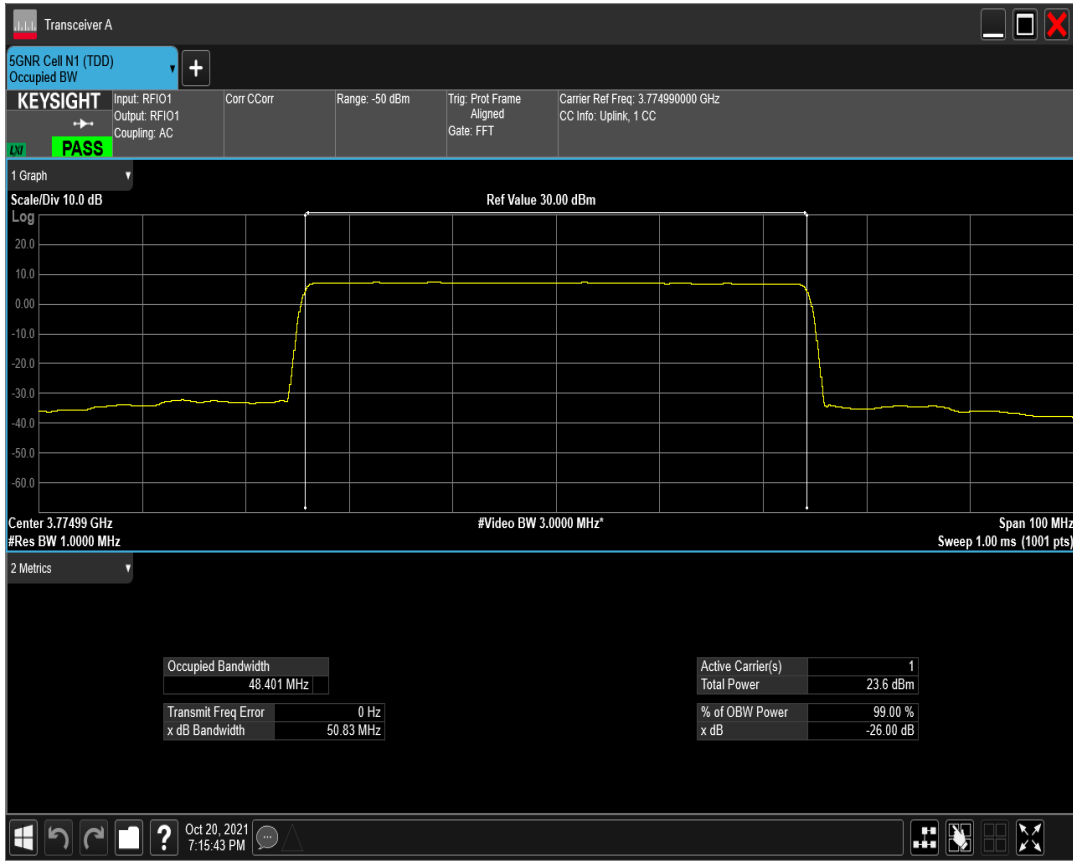
n78(3700-3800) SCS=15kHz DFT\_BPSK BW=50MHz Channel=651666 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=651666 RB=270@0

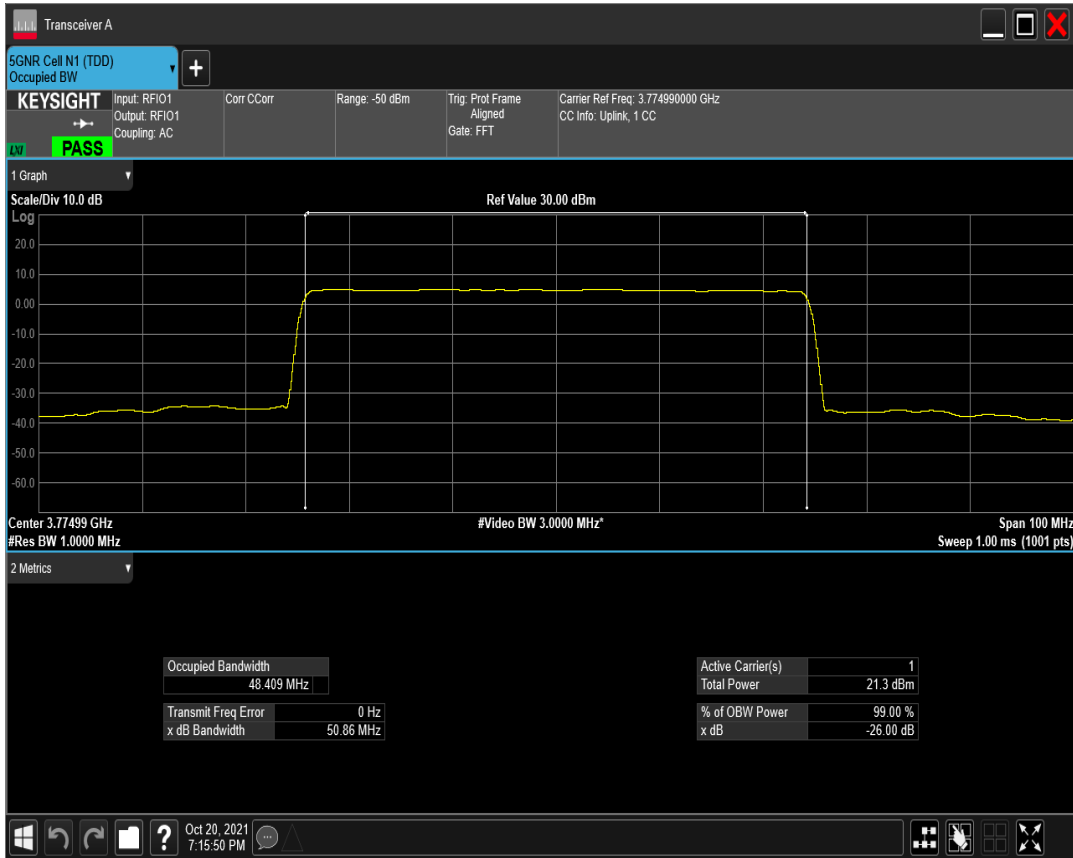


n78(3700-3800) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=651666 RB=270@0

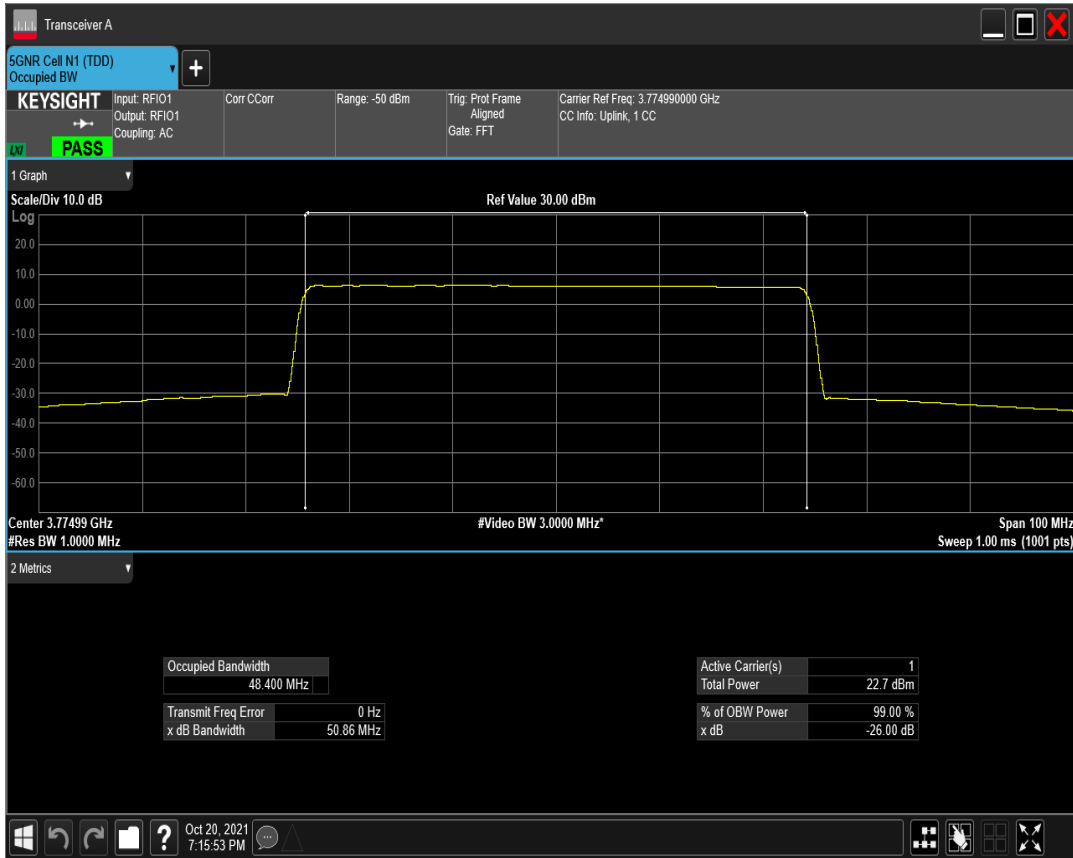




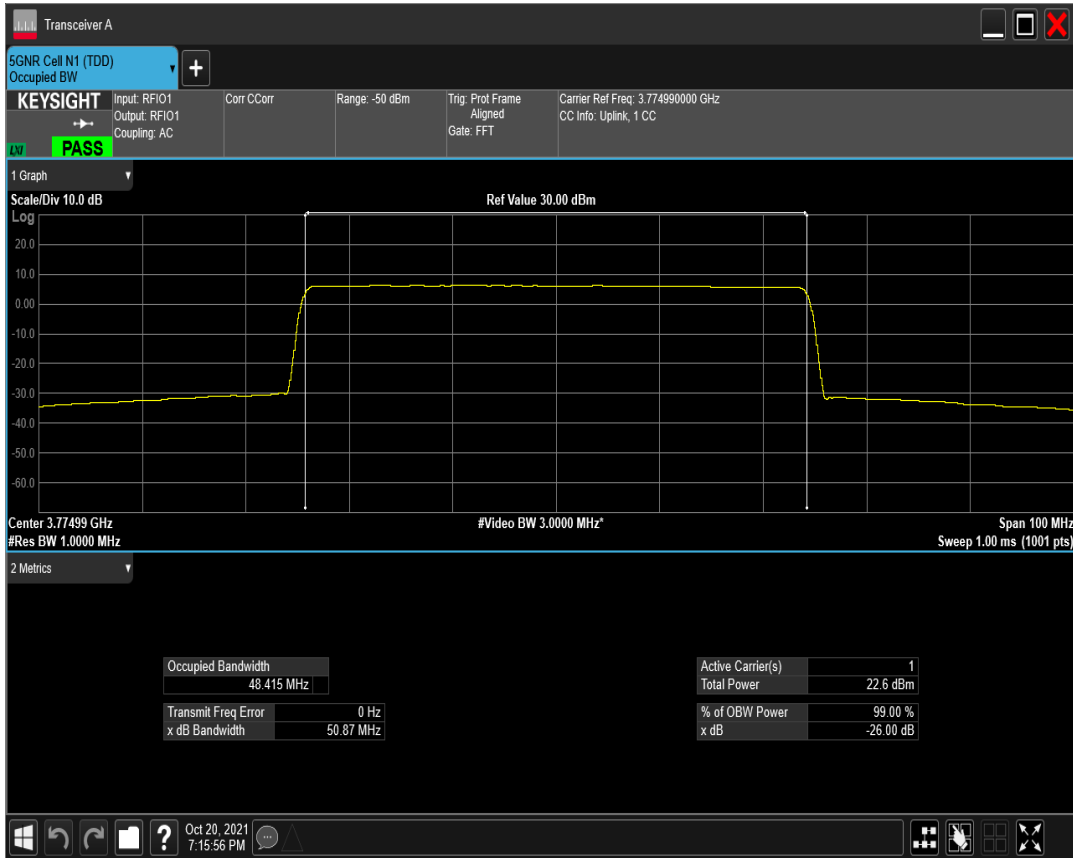
n78(3700-3800) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=651666 RB=270@0



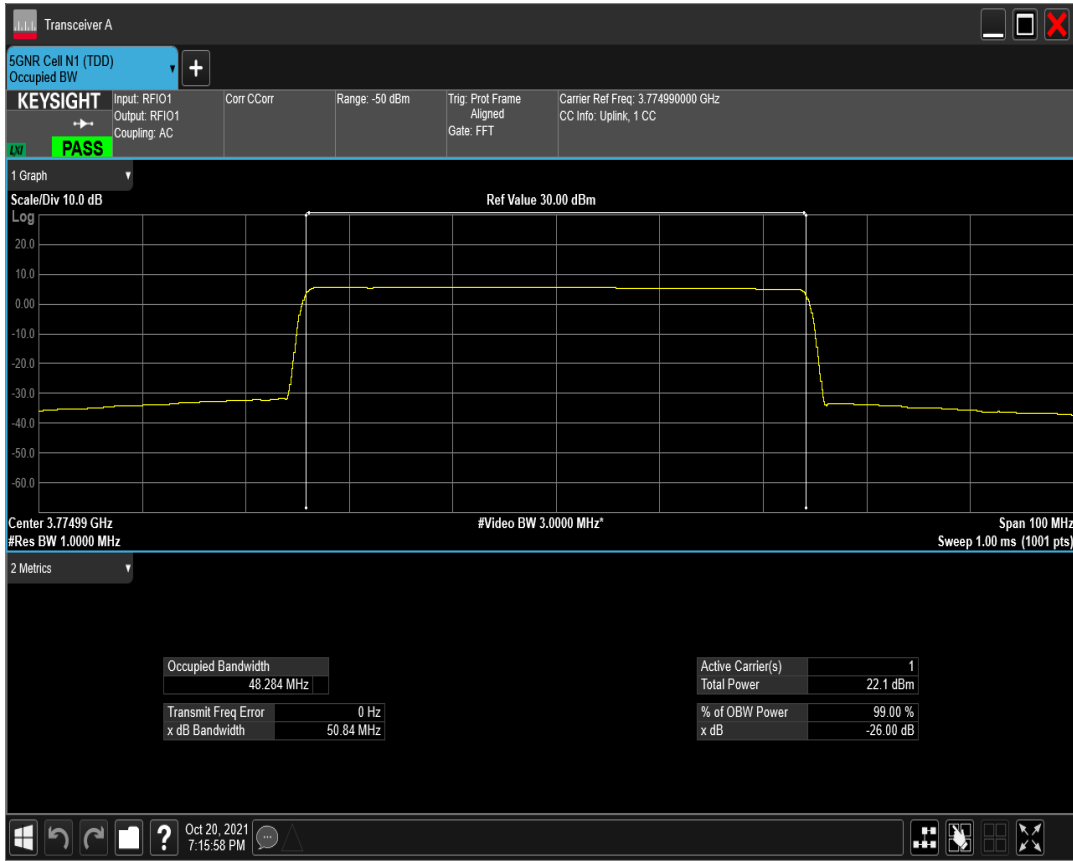
n78(3700-3800) SCS=15kHz CP\_QPSK BW=50MHz Channel=651666 RB=270@0



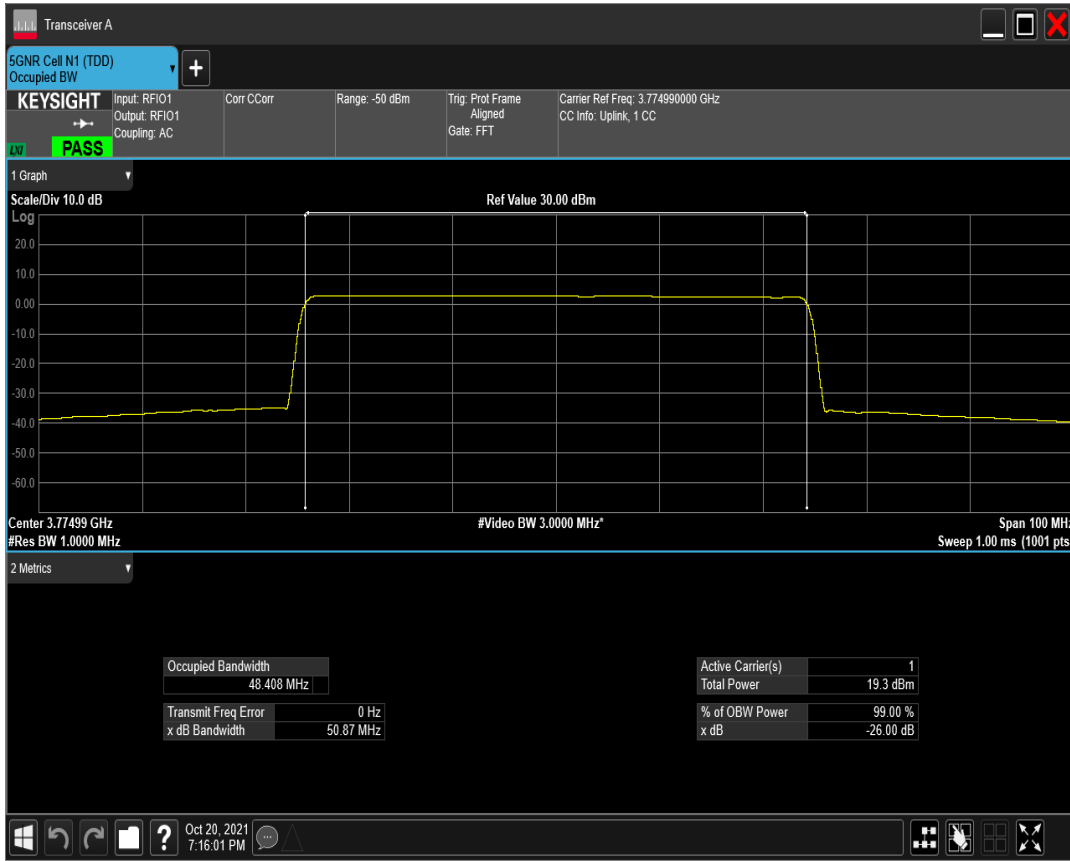
n78(3700-3800) SCS=15kHz CP\_QAM16 BW=50MHz Channel=651666 RB=270@0



n78(3700-3800) SCS=15kHz CP\_QAM64 BW=50MHz Channel=651666 RB=270@0



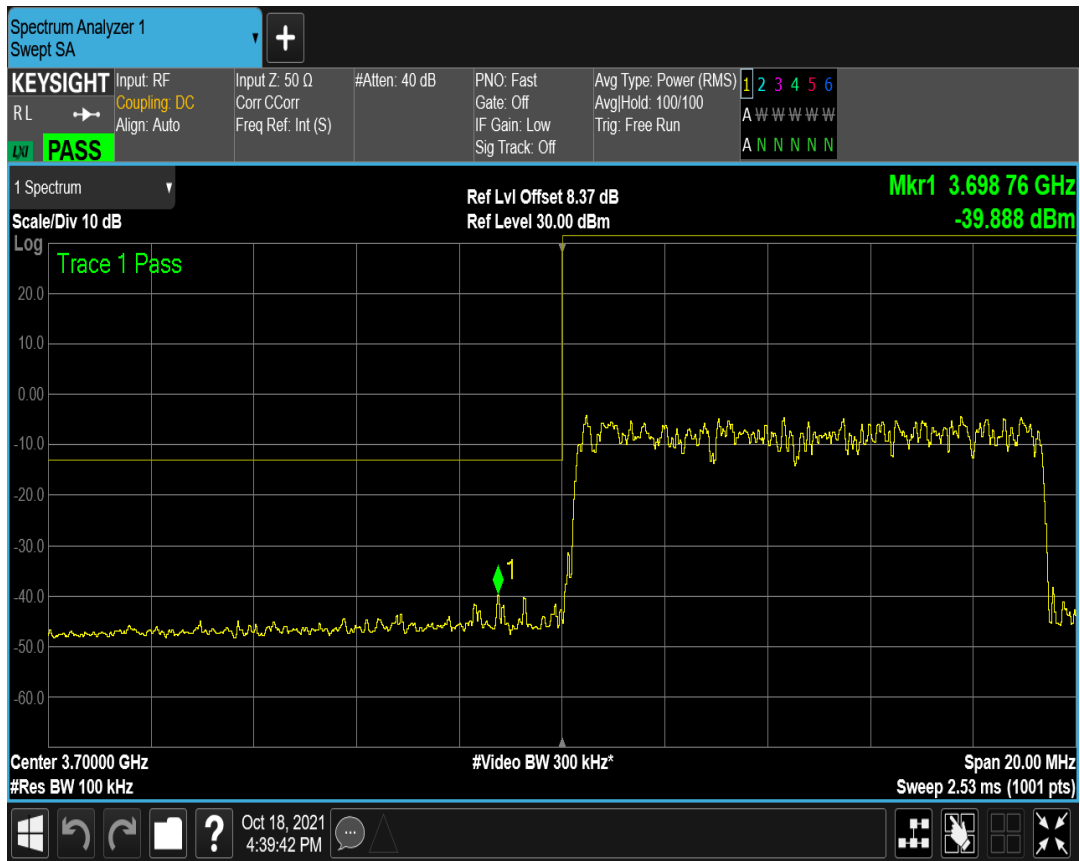
n78(3700-3800) SCS=15kHz CP\_QAM256 BW=50MHz Channel=651666 RB=270@0



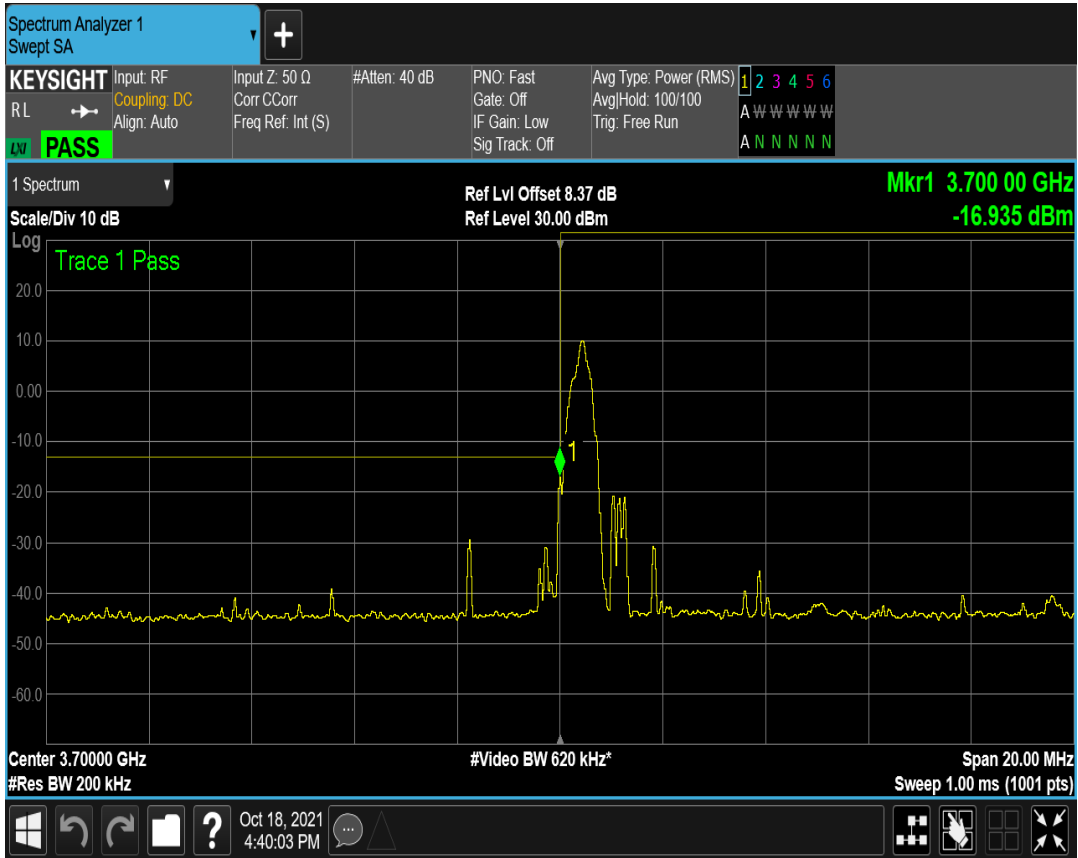
**5 Band edge for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	15	10	647000	50@0	DFT_QPSK	3698.76	-39.88	-13	PASS
n78(3700-3800)	15	10	647000	1@0	DFT_QPSK	3700.00	-16.93	-13	PASS
n78(3700-3800)	15	10	653000	50@0	DFT_QPSK	3802.78	-41.38	-13	PASS
n78(3700-3800)	15	10	653000	1@51	DFT_QPSK	3800.00	-22.68	-13	PASS
n78(3700-3800)	15	20	647334	100@0	DFT_QPSK	3699.84	-36.68	-13	PASS
n78(3700-3800)	15	20	647334	1@0	DFT_QPSK	3699.80	-28.26	-13	PASS
n78(3700-3800)	15	20	652666	100@0	DFT_QPSK	3801.04	-38.10	-13	PASS
n78(3700-3800)	15	20	652666	1@105	DFT_QPSK	3800.16	-25.64	-13	PASS
n78(3700-3800)	15	50	648334	270@0	DFT_QPSK	3700.00	-37.68	-13	PASS
n78(3700-3800)	15	50	648334	1@0	DFT_QPSK	3699.80	-30.96	-13	PASS
n78(3700-3800)	15	50	651666	270@0	DFT_QPSK	3800.10	-33.64	-13	PASS
n78(3700-3800)	15	50	651666	1@269	DFT_QPSK	3800.00	-32.56	-13	PASS

n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0

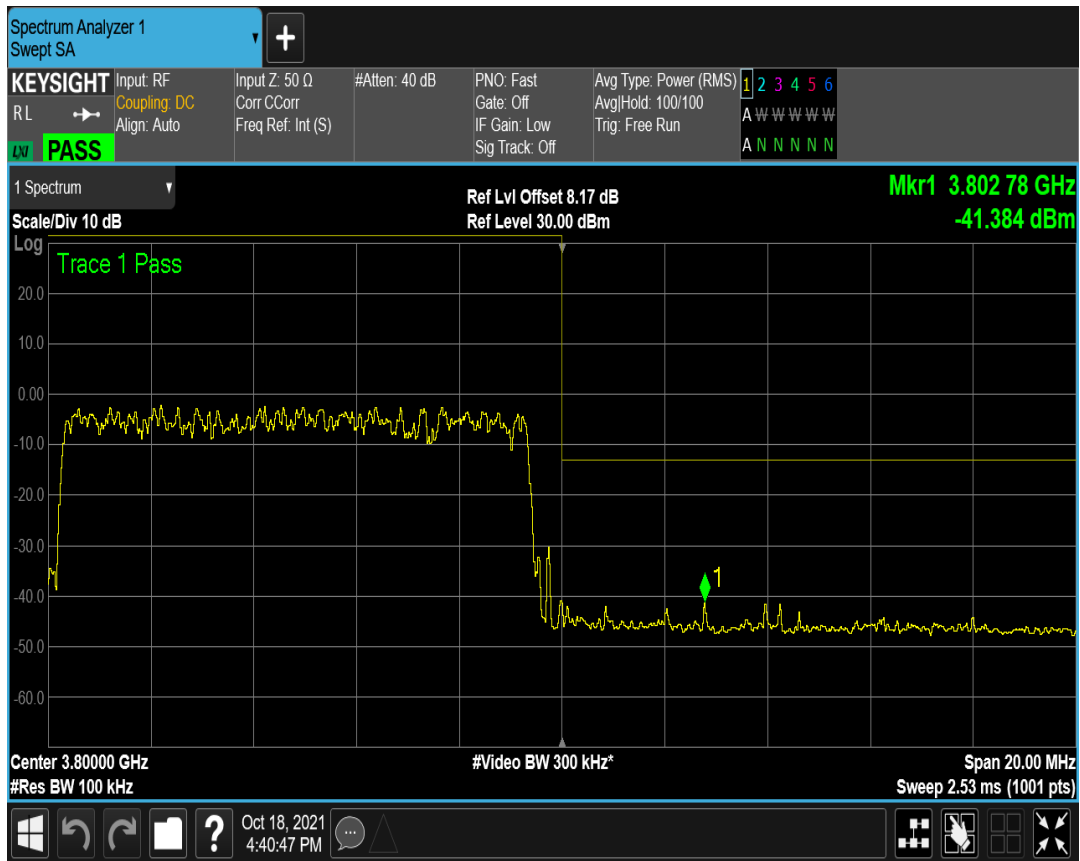


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1 @0

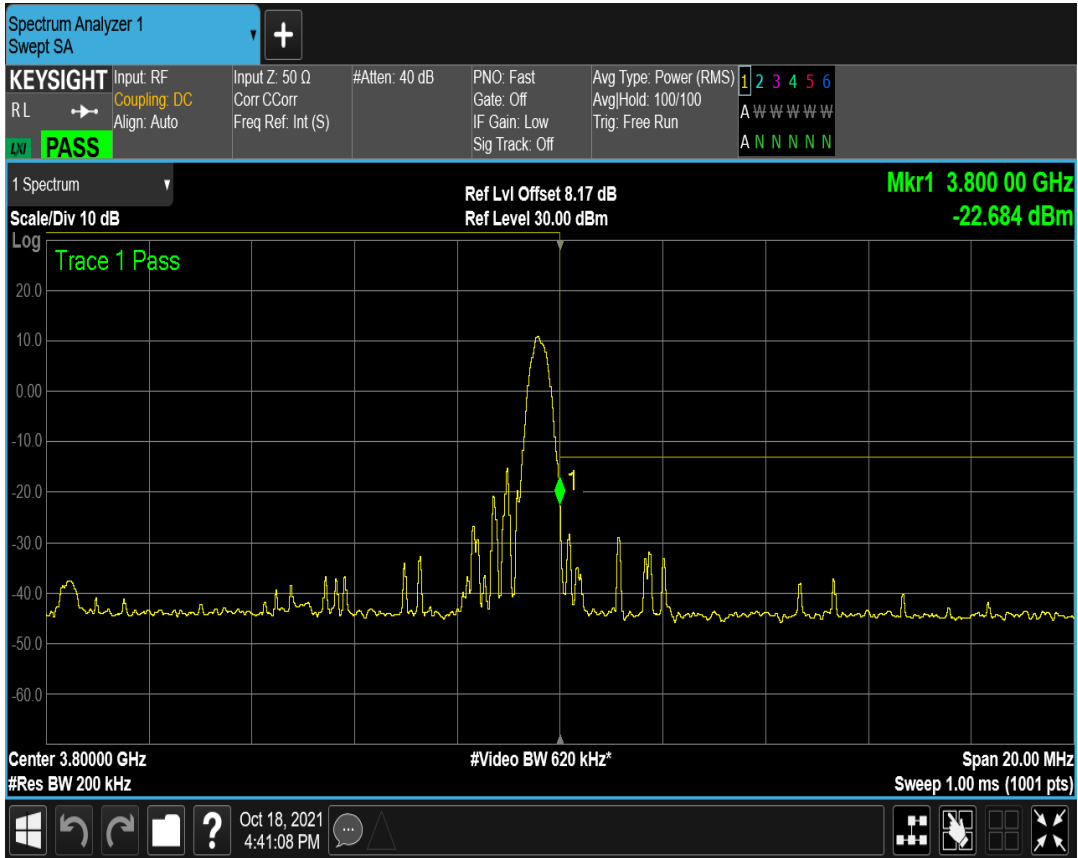


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=50@0

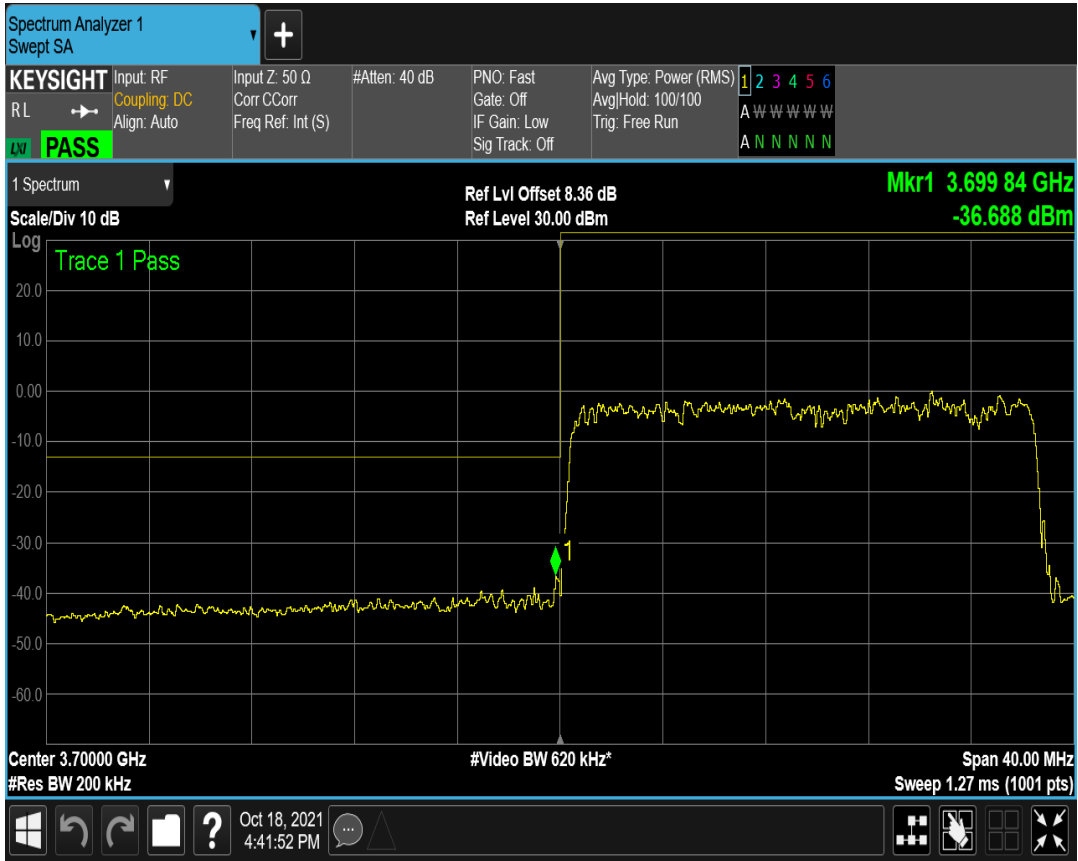




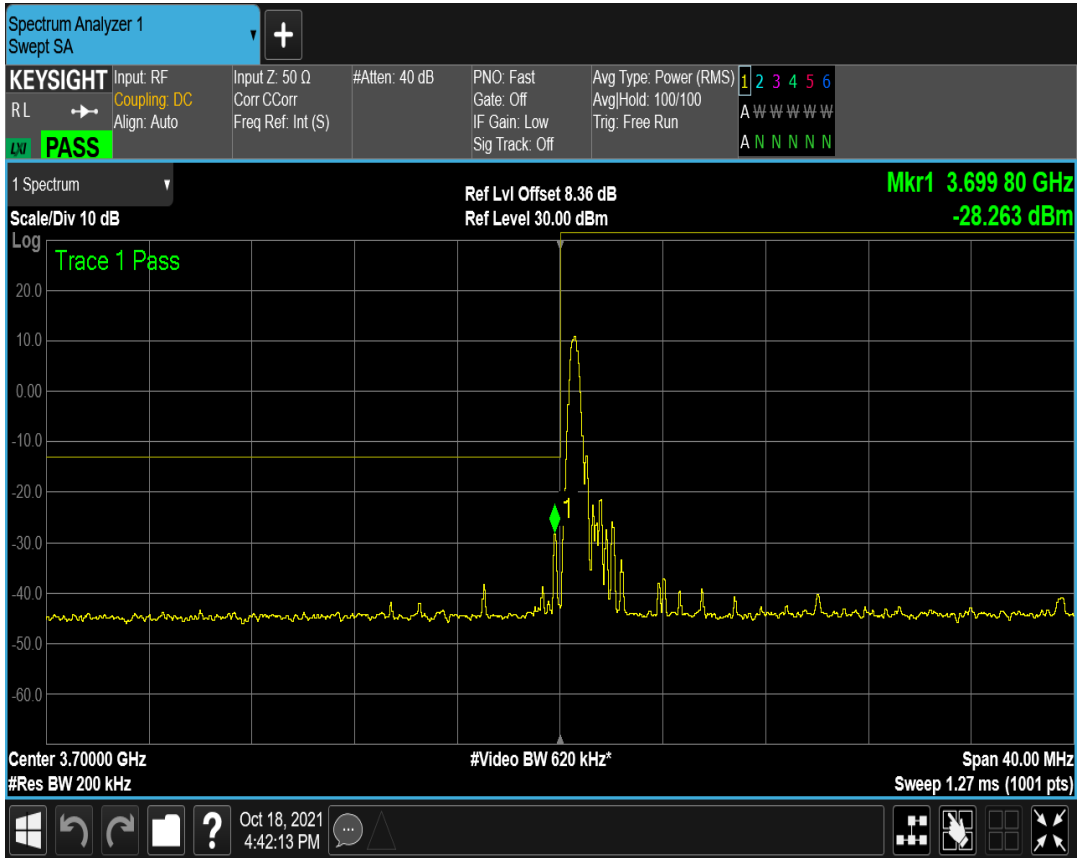
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=1 @51



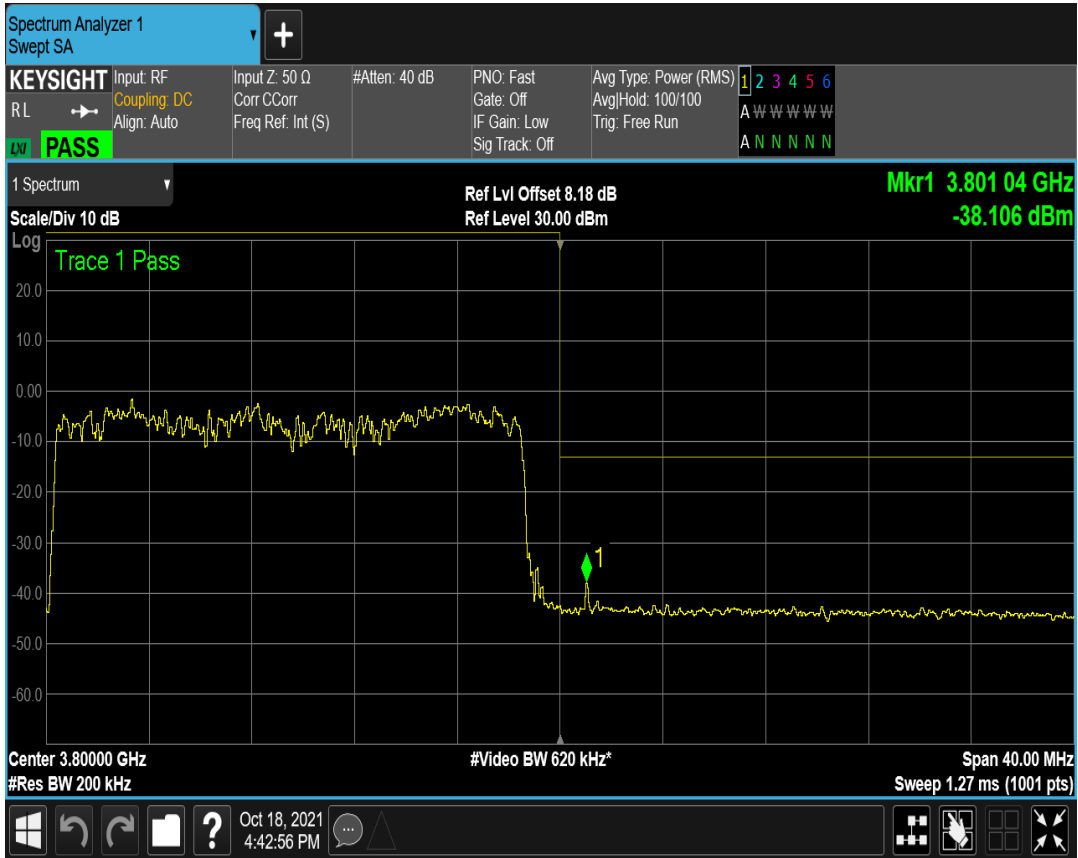
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=100@0



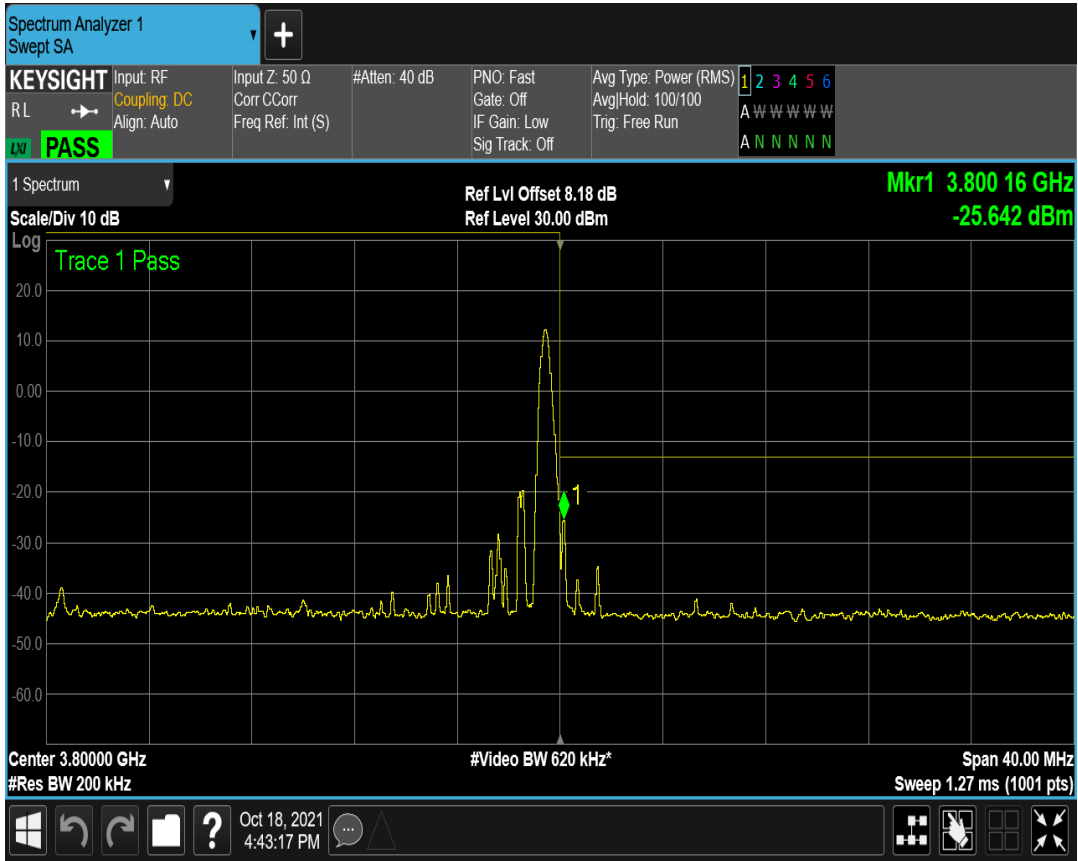
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=1 @0



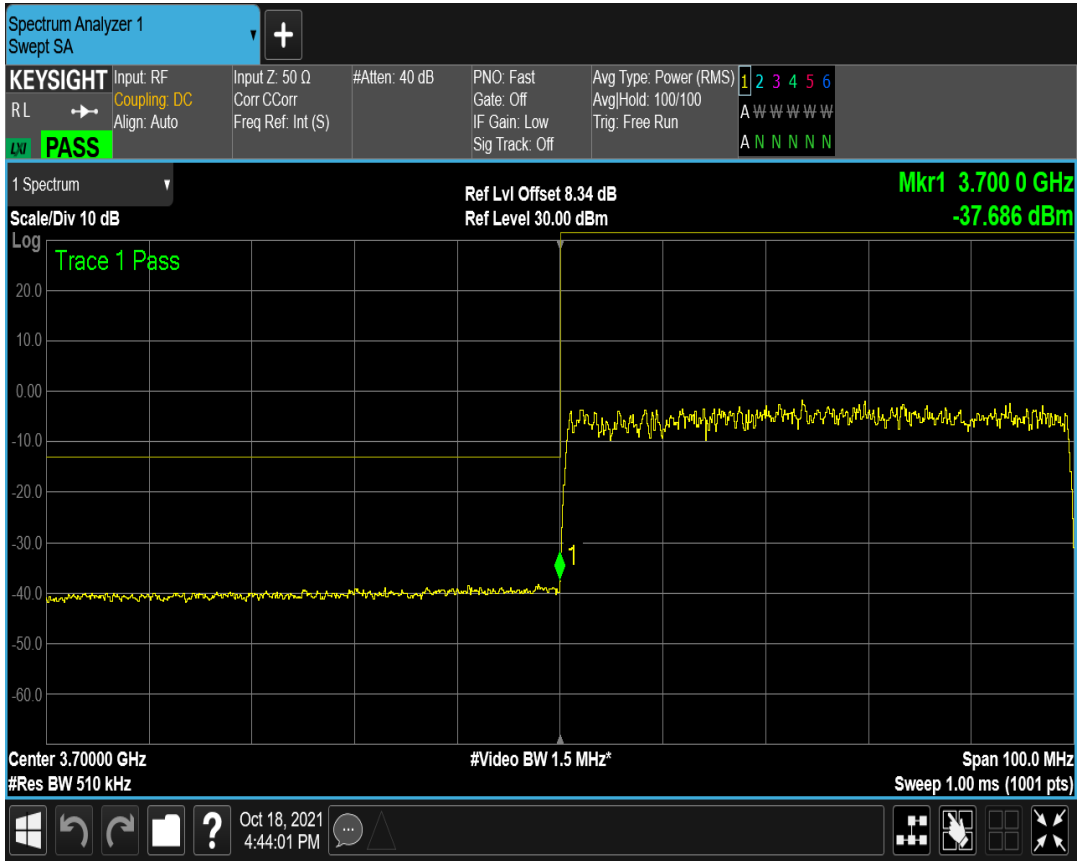
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=100@0



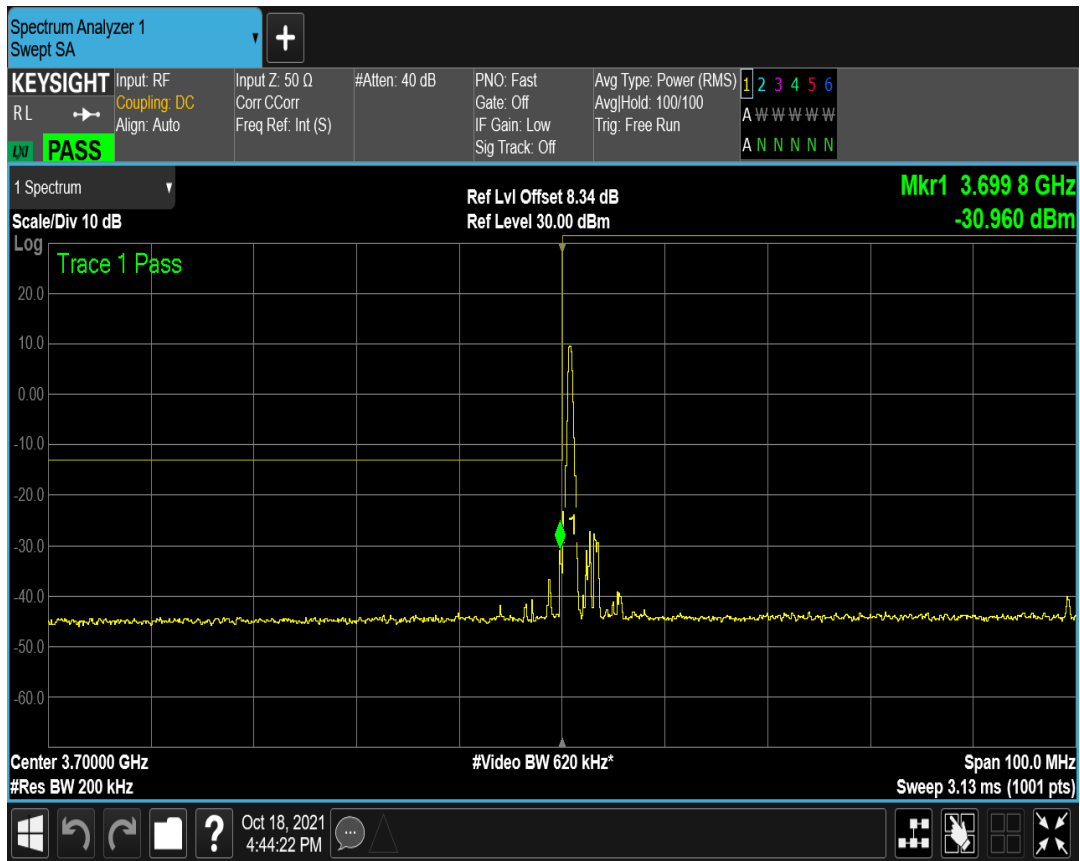
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=1 @ 105



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0

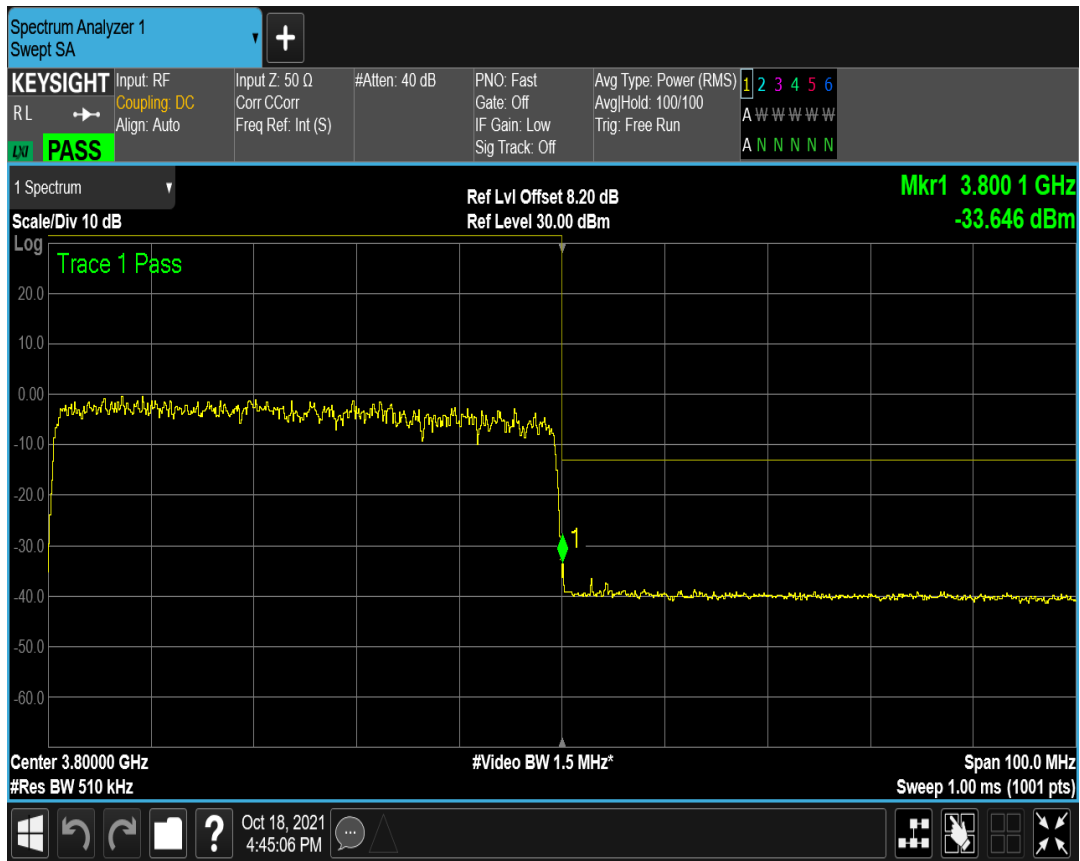


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @0

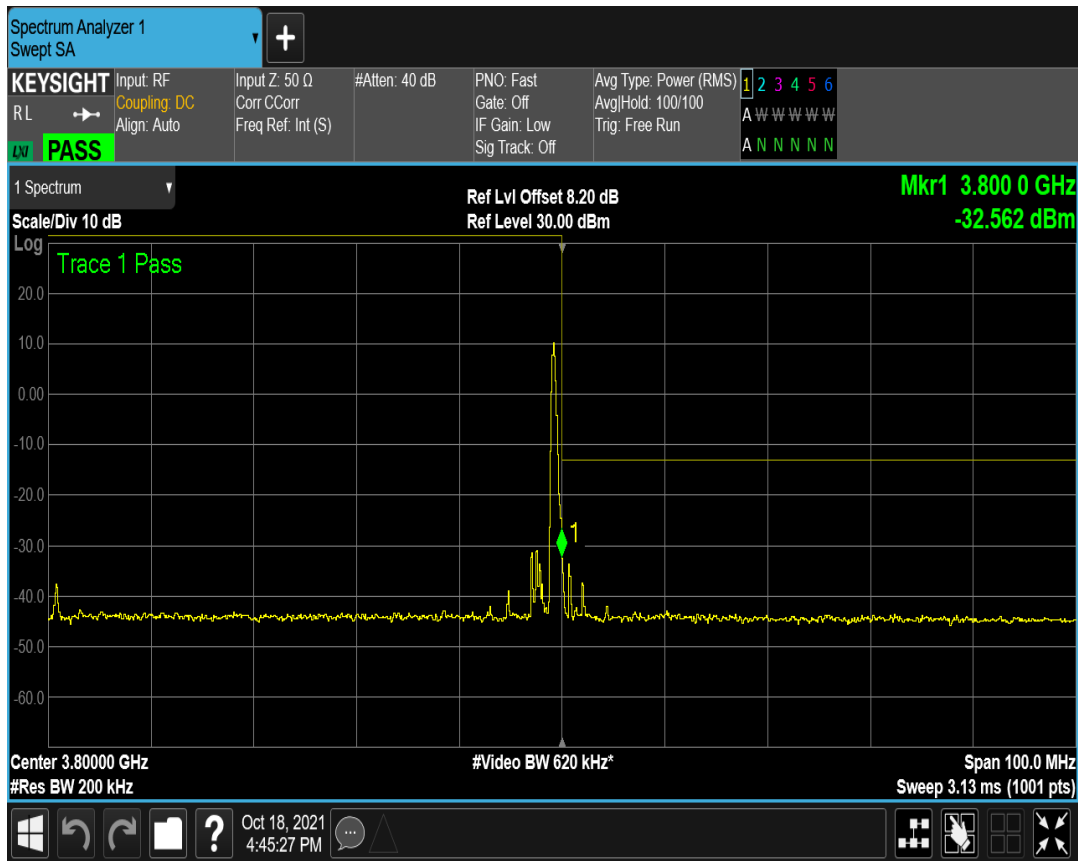


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=270@0





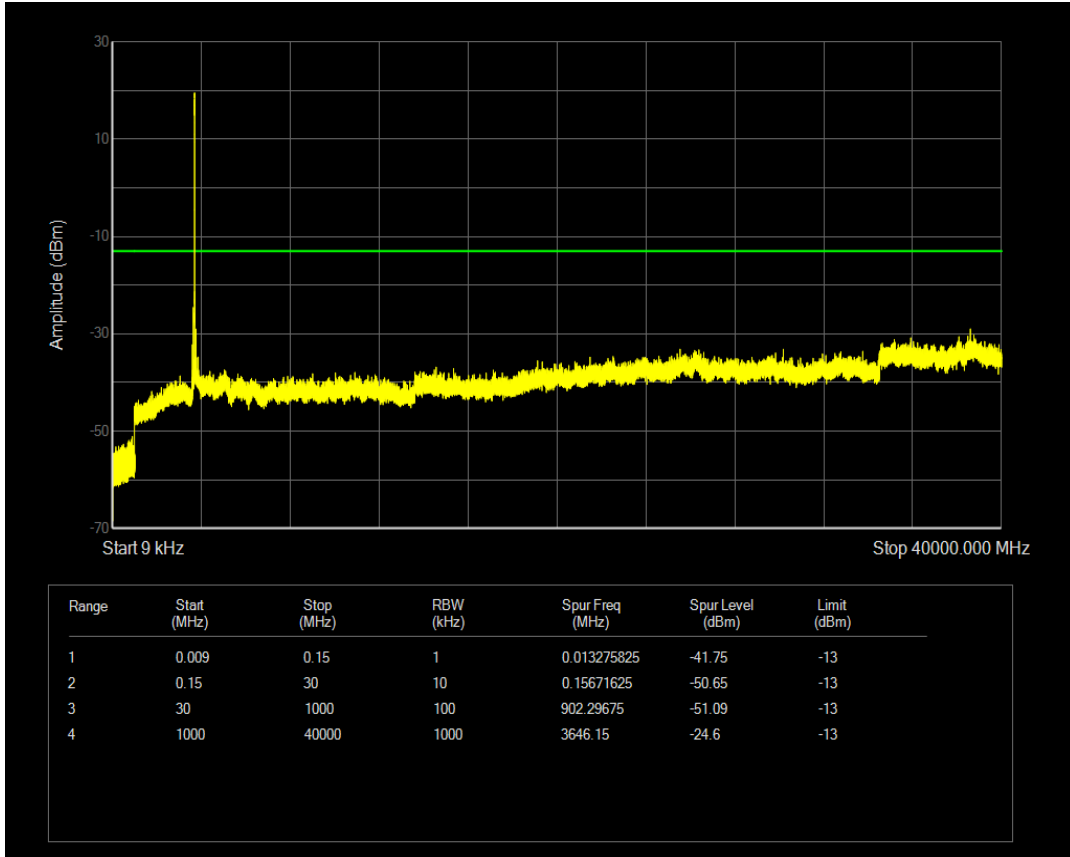
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=1 @269



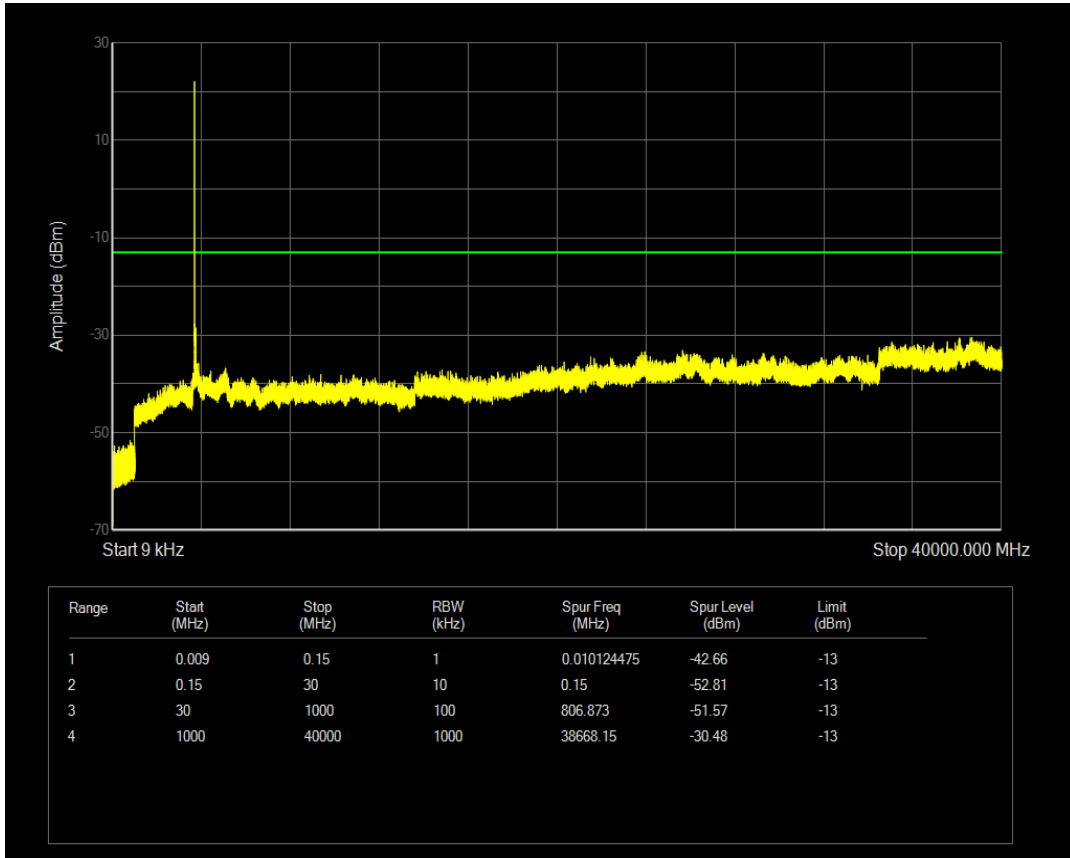
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	15	10	647000	50@0	DFT_QPSK	3646.15	-24.60	-13	PASS
n78(3700-3800)	15	10	647000	1@0	DFT_QPSK	38668.15	-30.48	-13	PASS
n78(3700-3800)	15	10	647000	1@51	DFT_QPSK	3644.20	-27.35	-13	PASS
n78(3700-3800)	15	10	653000	50@0	DFT_QPSK	38854.38	-30.53	-13	PASS
n78(3700-3800)	15	10	653000	1@0	DFT_QPSK	38967.48	-30.57	-13	PASS
n78(3700-3800)	15	10	653000	1@51	DFT_QPSK	3850.90	-25.73	-13	PASS
n78(3700-3800)	15	20	647334	100@0	DFT_QPSK	38680.83	-30.32	-13	PASS
n78(3700-3800)	15	20	647334	1@0	DFT_QPSK	38707.15	-30.25	-13	PASS
n78(3700-3800)	15	20	647334	1@105	DFT_QPSK	38783.20	-29.76	-13	PASS
n78(3700-3800)	15	20	652666	100@0	DFT_QPSK	38962.60	-30.34	-13	PASS
n78(3700-3800)	15	20	652666	1@0	DFT_QPSK	38721.78	-30.84	-13	PASS
n78(3700-3800)	15	20	652666	1@105	DFT_QPSK	38793.93	-30.61	-13	PASS
n78(3700-3800)	15	50	648334	270@0	DFT_QPSK	38602.83	-31.03	-13	PASS
n78(3700-3800)	15	50	648334	1@0	DFT_QPSK	38516.05	-30.22	-13	PASS
n78(3700-3800)	15	50	648334	1@269	DFT_QPSK	36151.68	-30.59	-13	PASS
n78(3700-3800)	15	50	651666	270@0	DFT_QPSK	38745.18	-30.13	-13	PASS
n78(3700-3800)	15	50	651666	1@0	DFT_QPSK	38671.08	-30.36	-13	PASS
n78(3700-3800)	15	50	651666	1@269	DFT_QPSK	38874.85	-30.66	-13	PASS

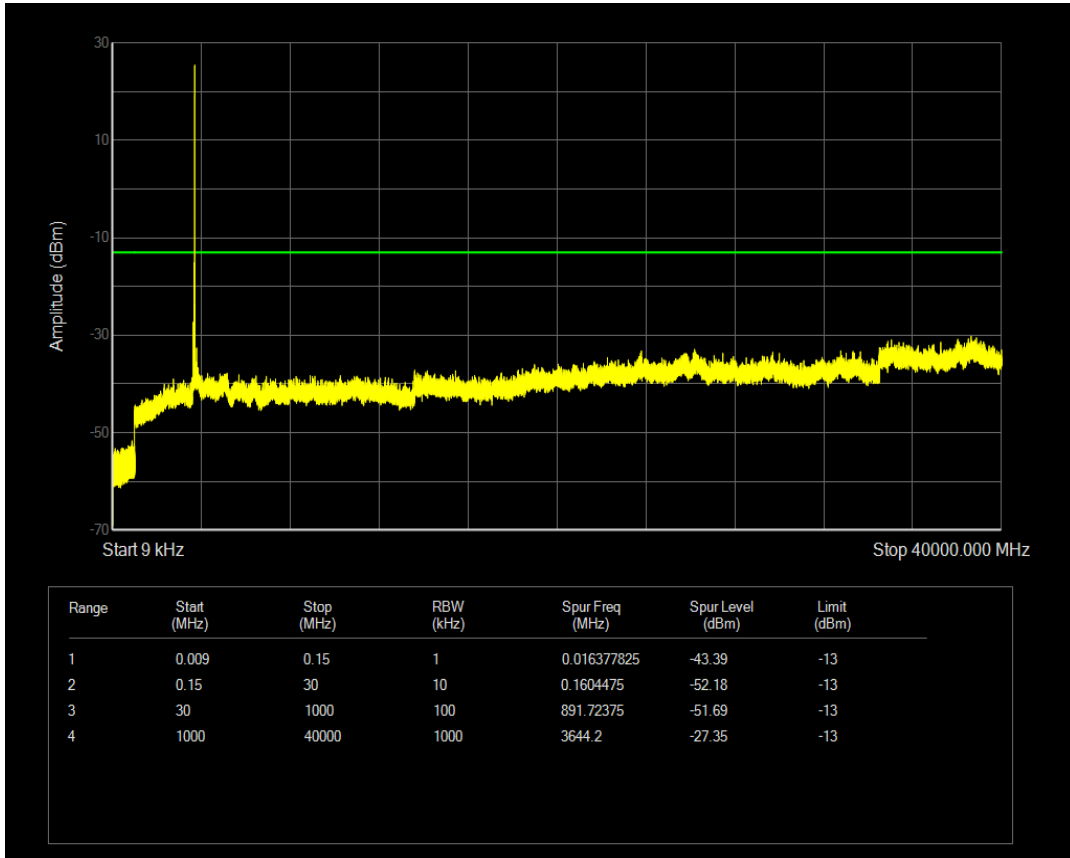
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=50@0



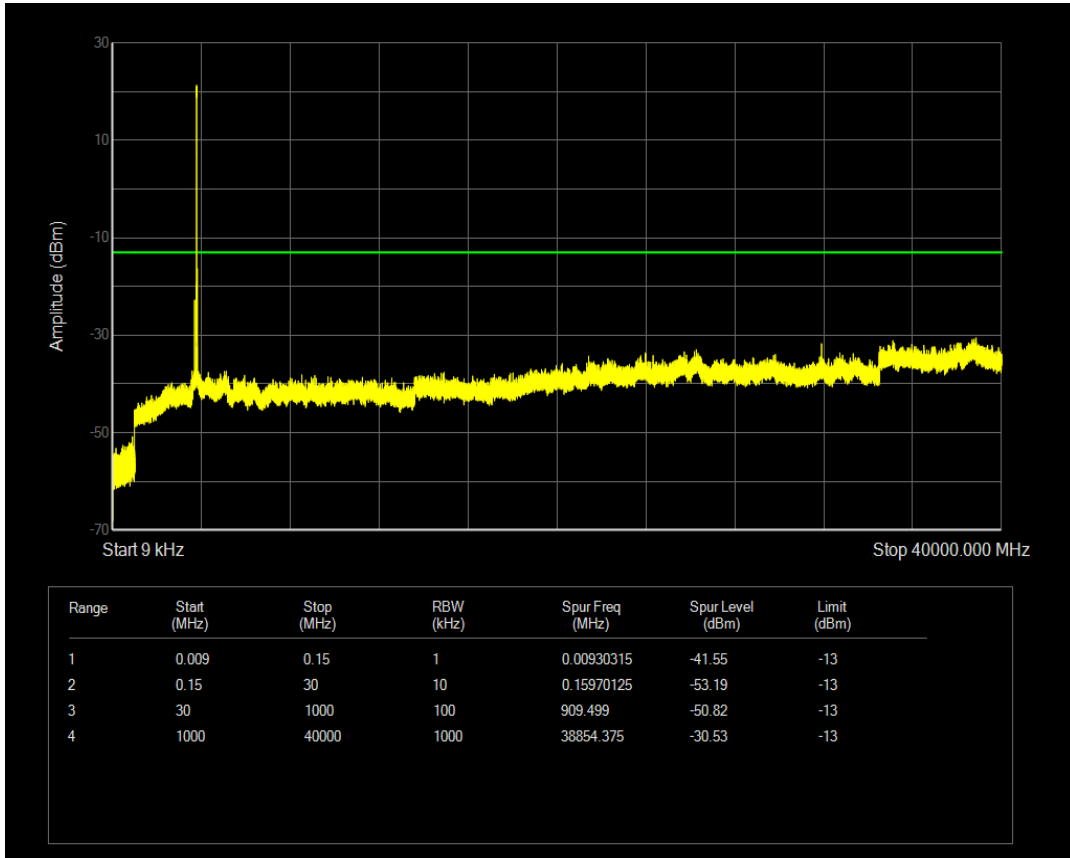
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



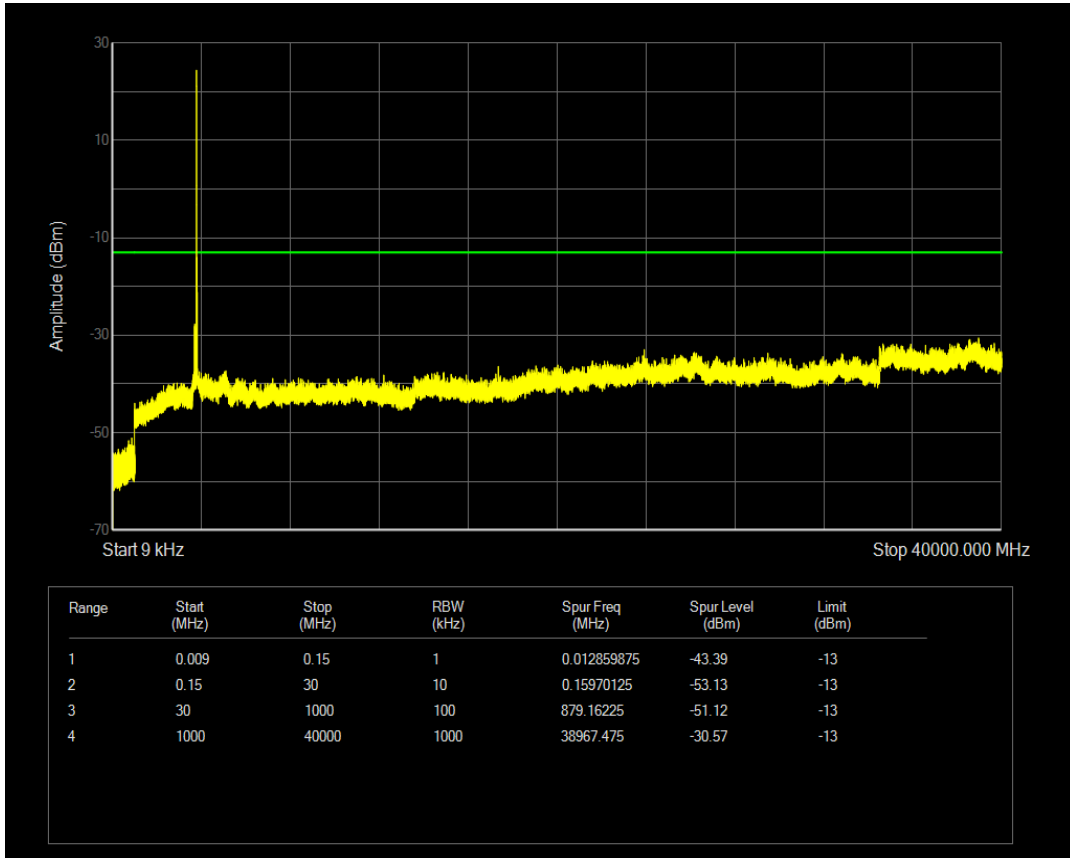
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@51



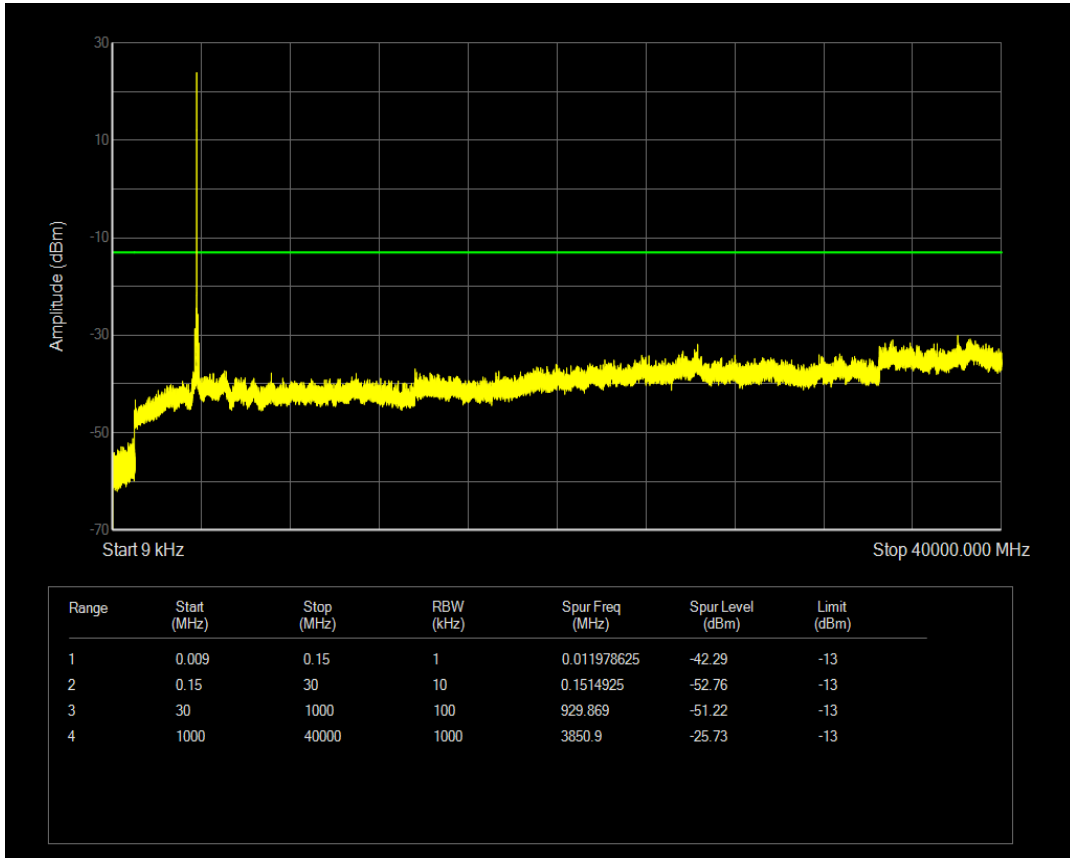
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=50@0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=1 @0

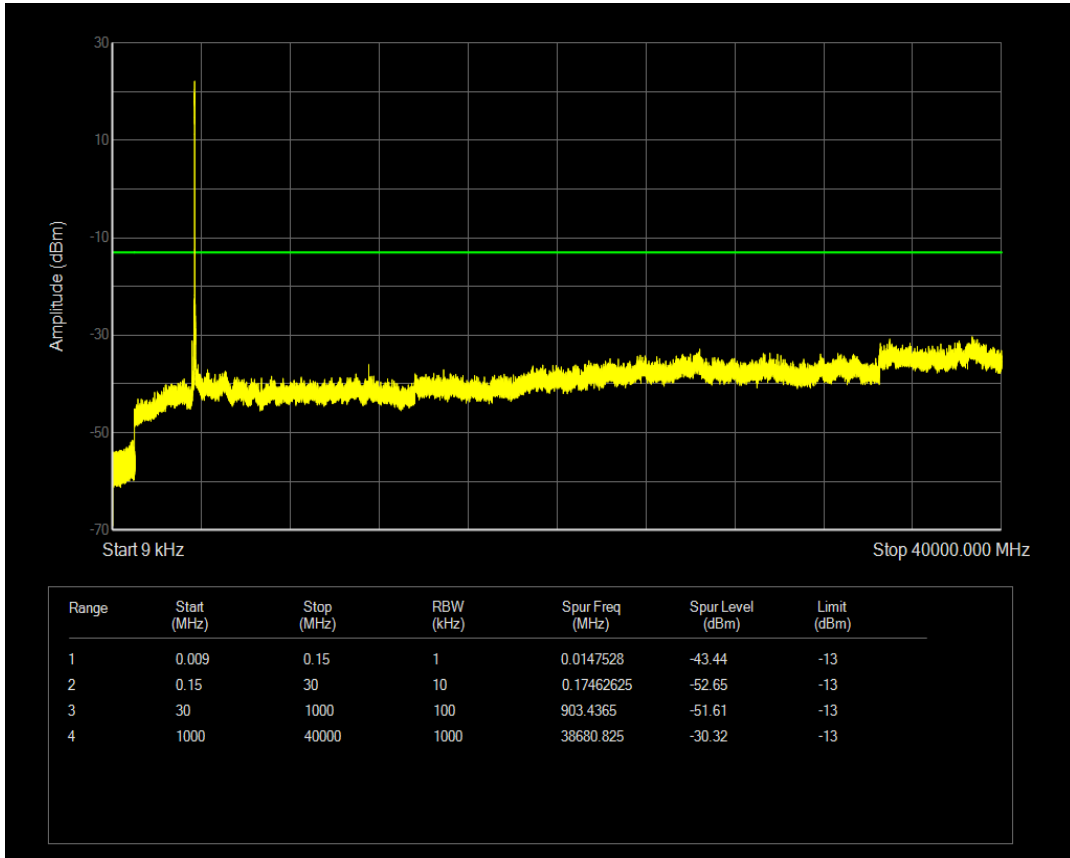


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=10MHz Channel=653000 RB=1@51

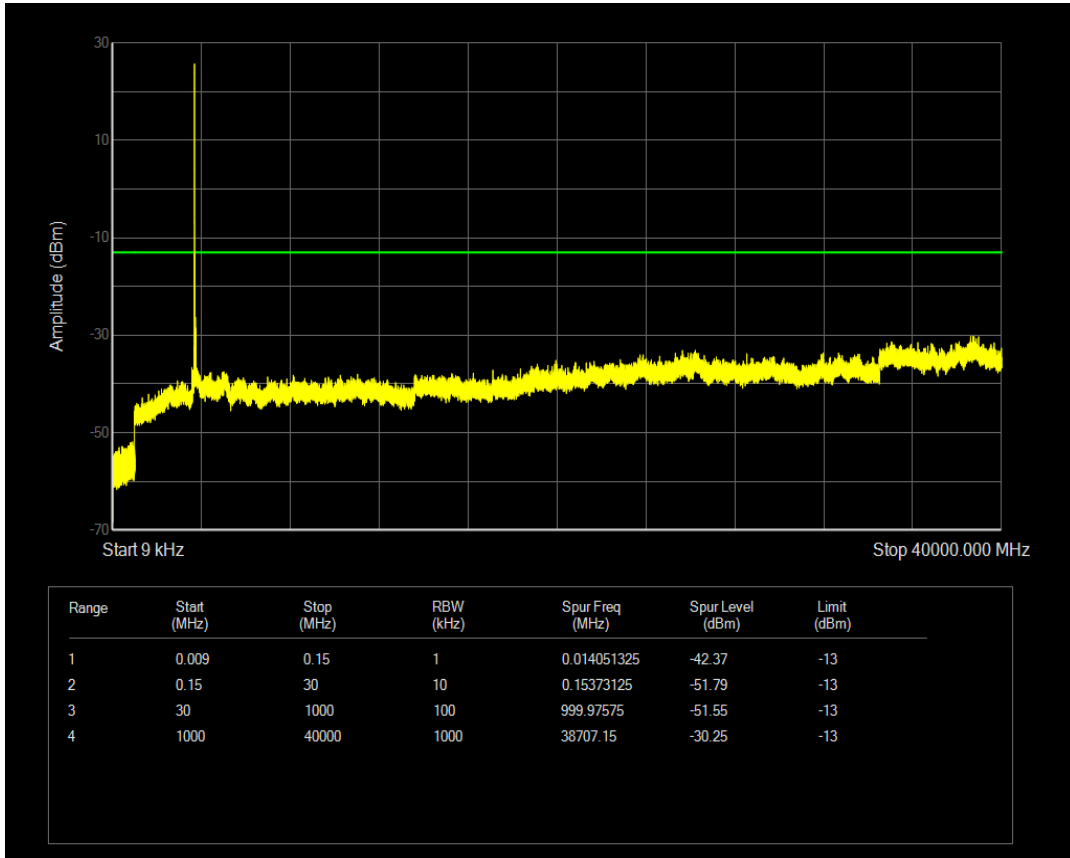


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=100@0

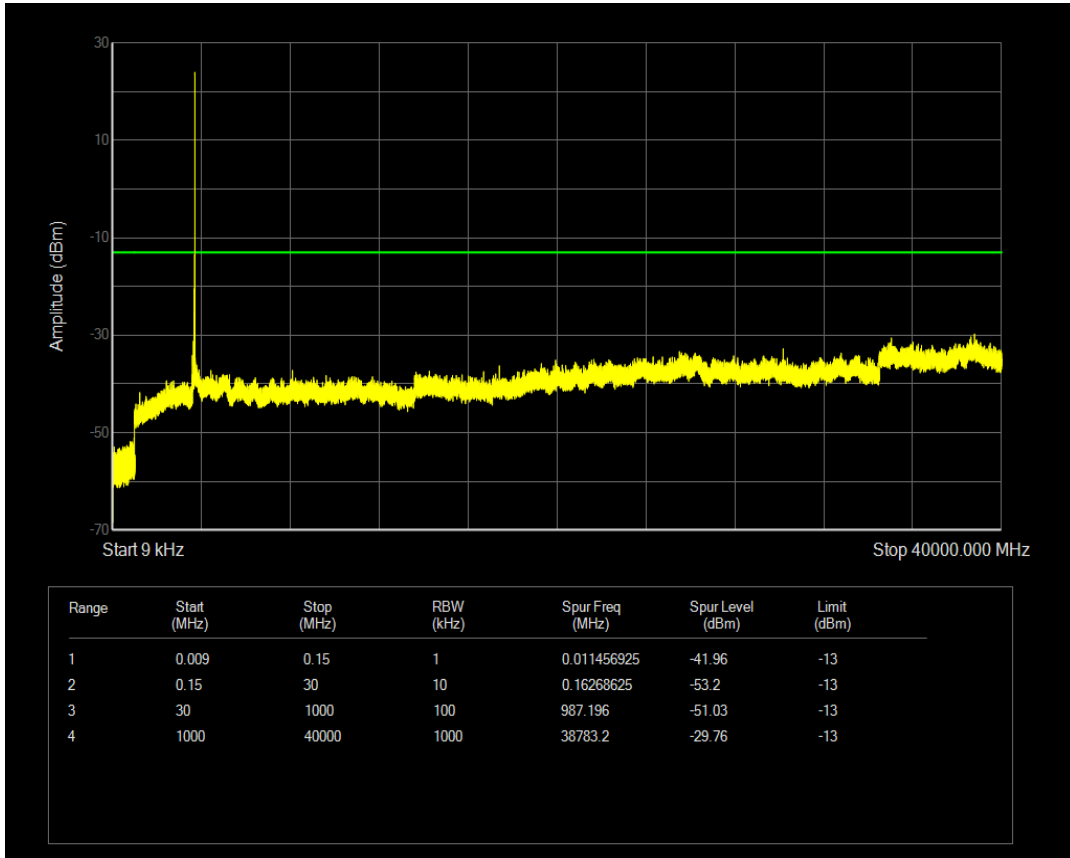




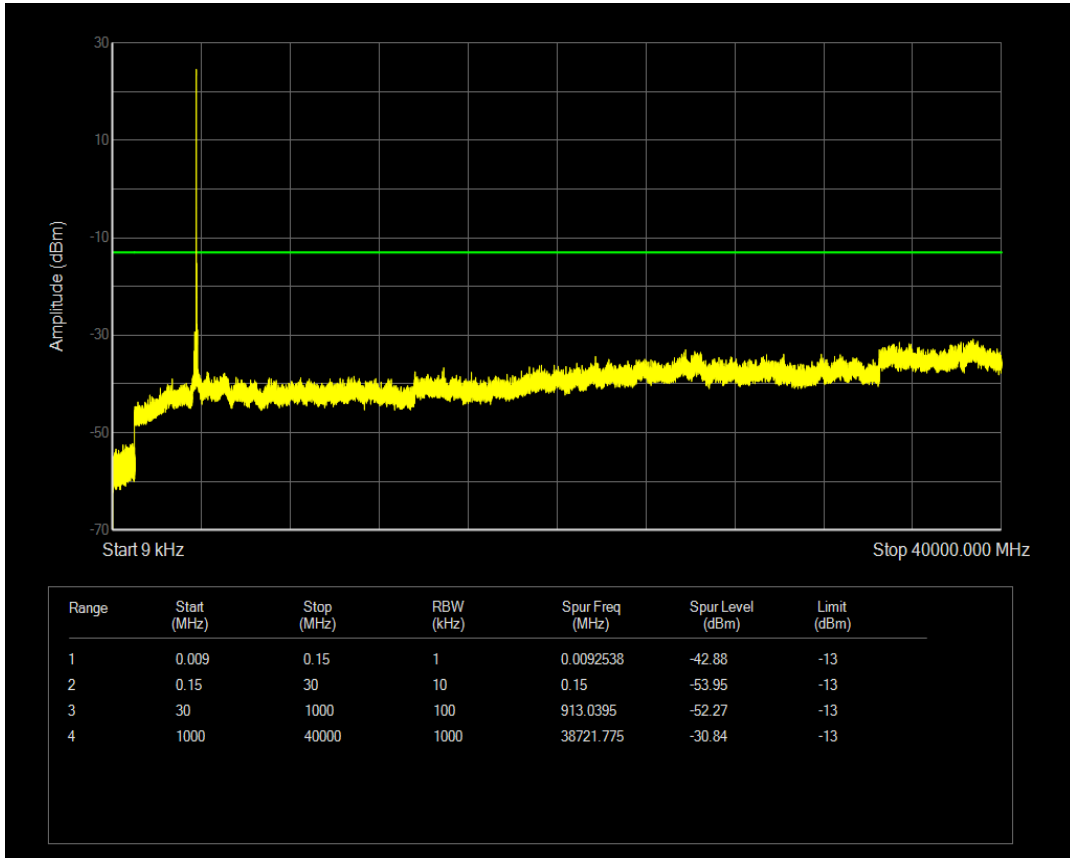
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=1 @0



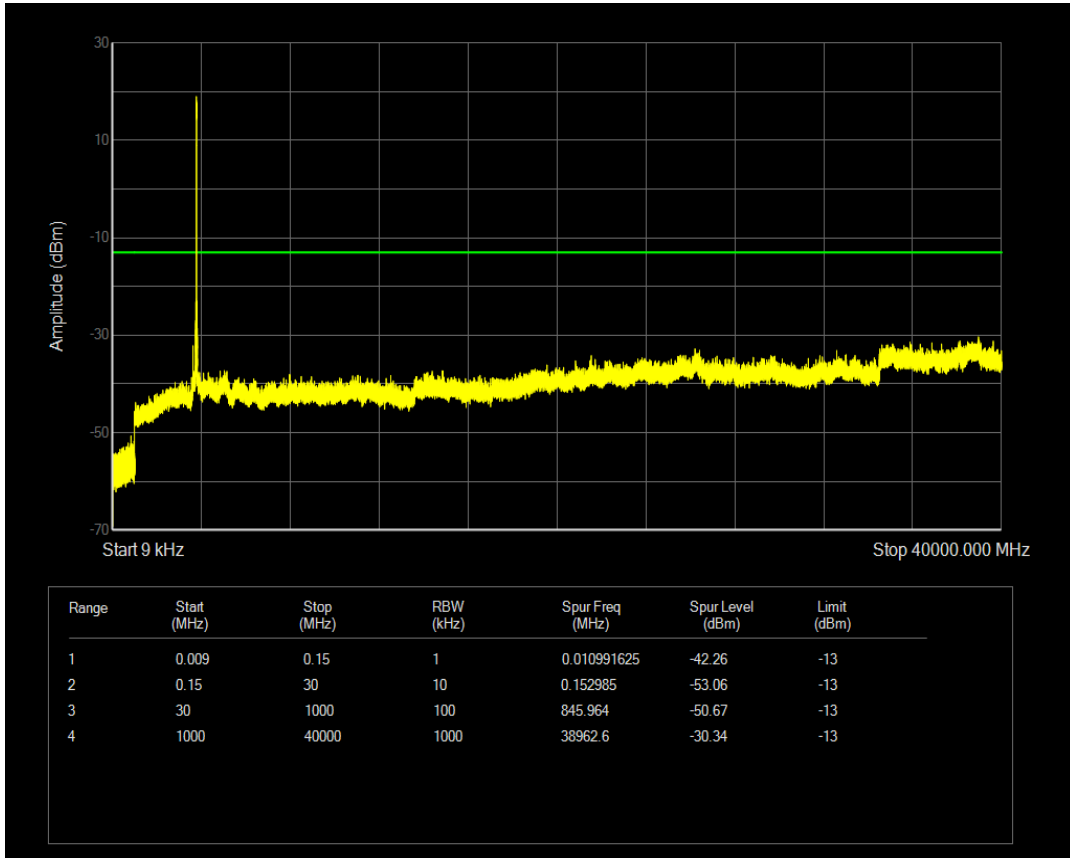
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=647334 RB=1@105



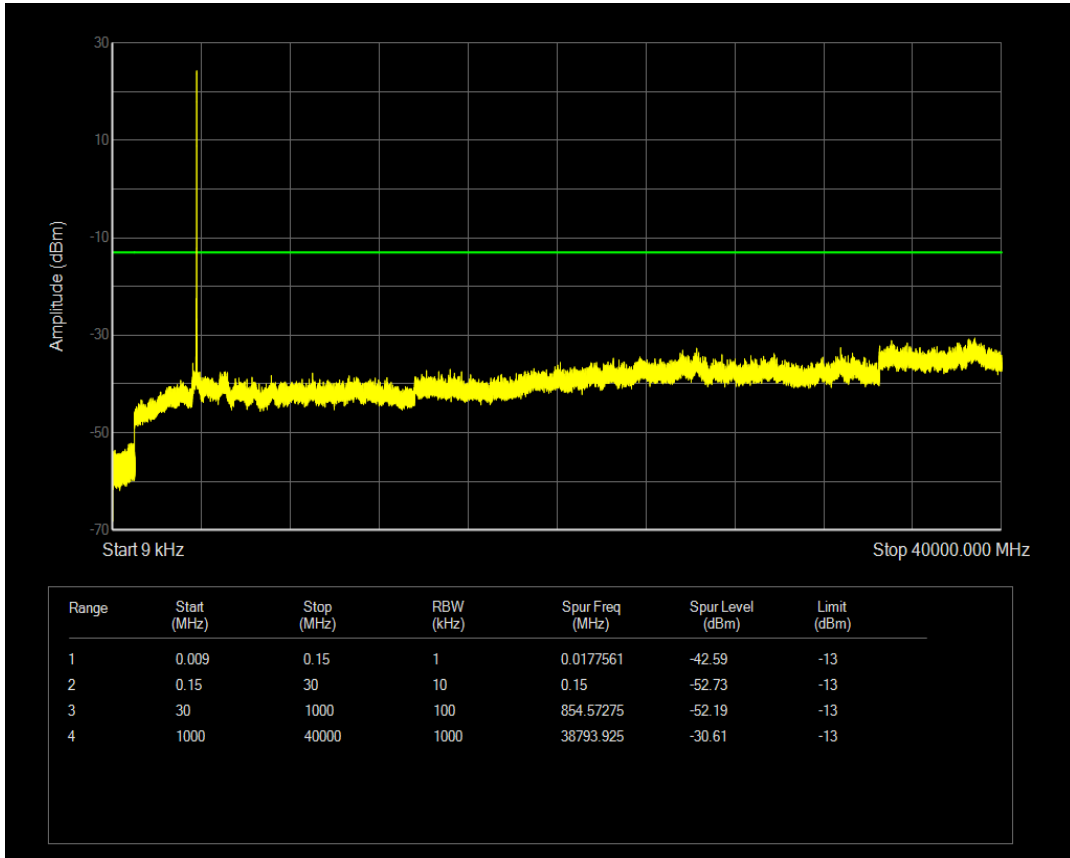
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=1 @0



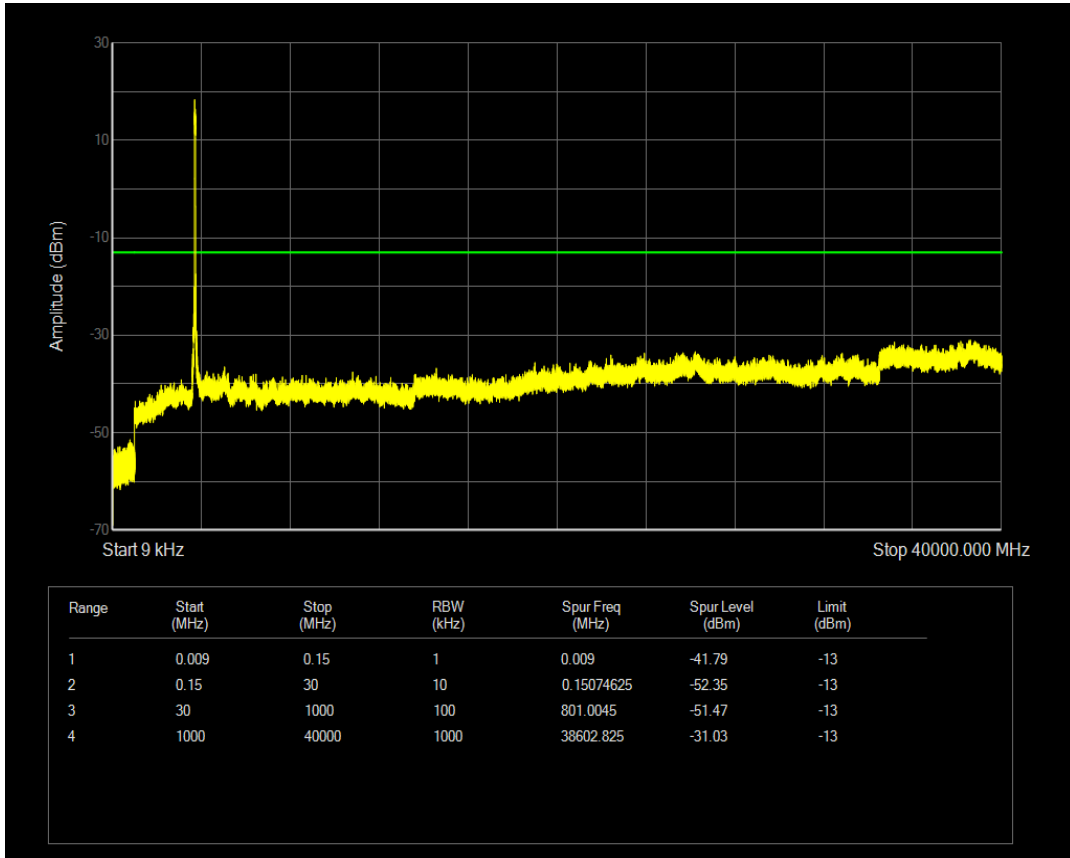
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=100@0



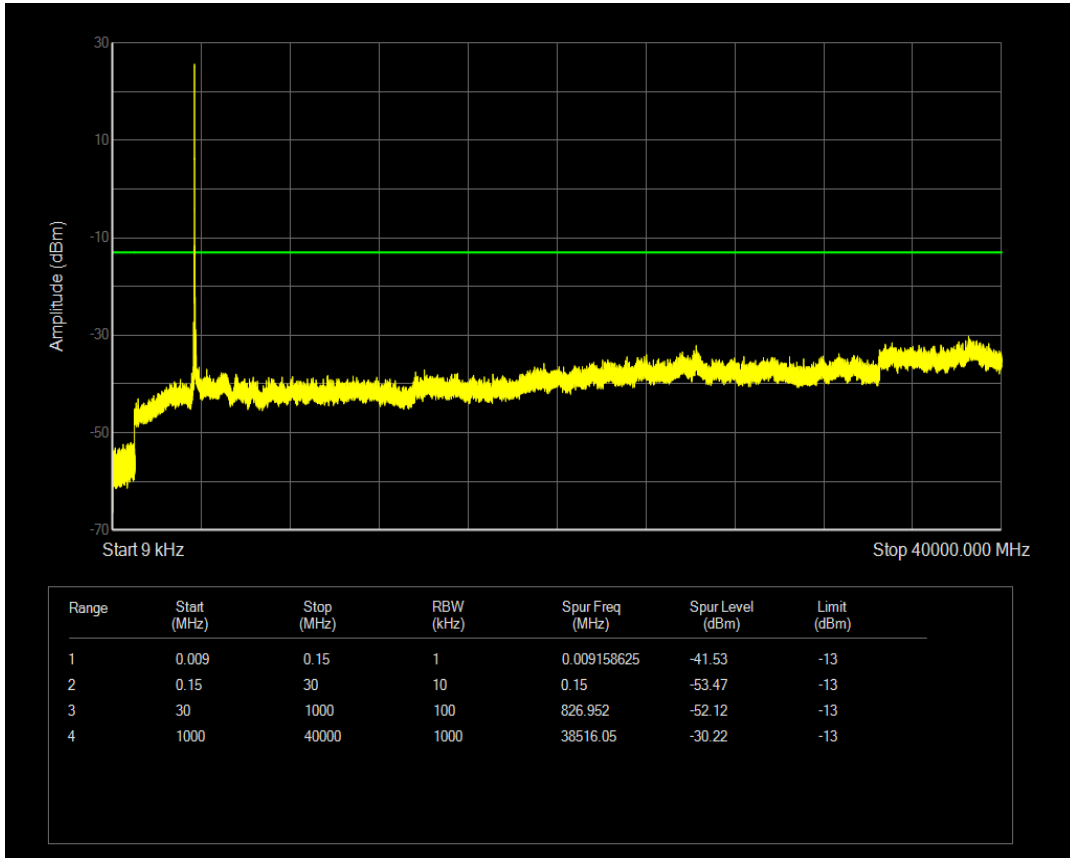
n78(3700-3800) SCS=15kHz DFT\_QPSK BW=20MHz Channel=652666 RB=1@105



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=270@0

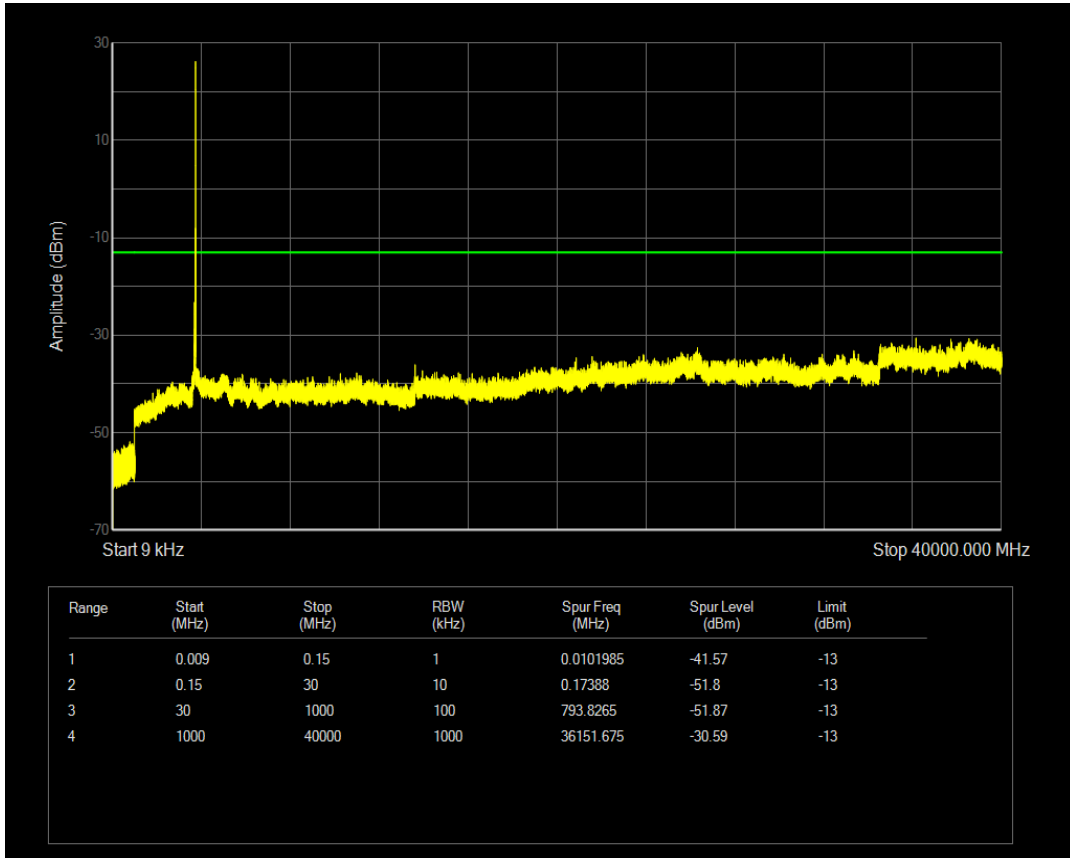


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1 @0

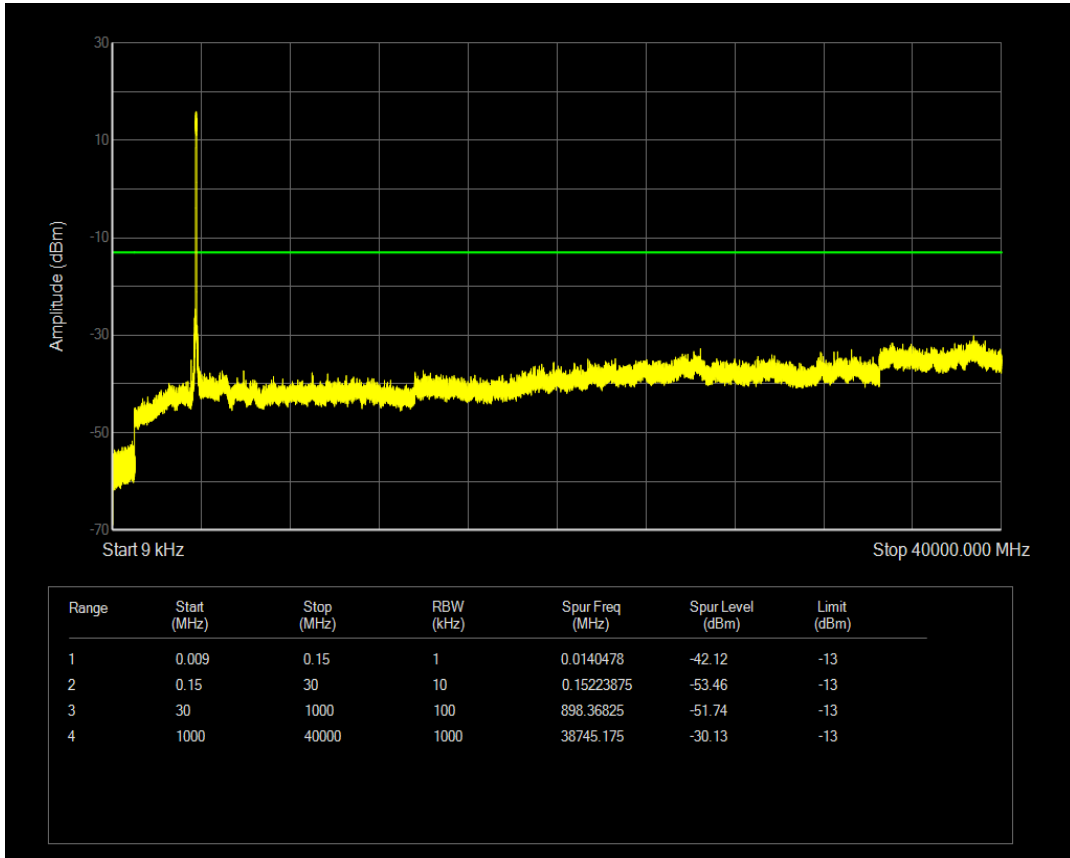


n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=648334 RB=1@269

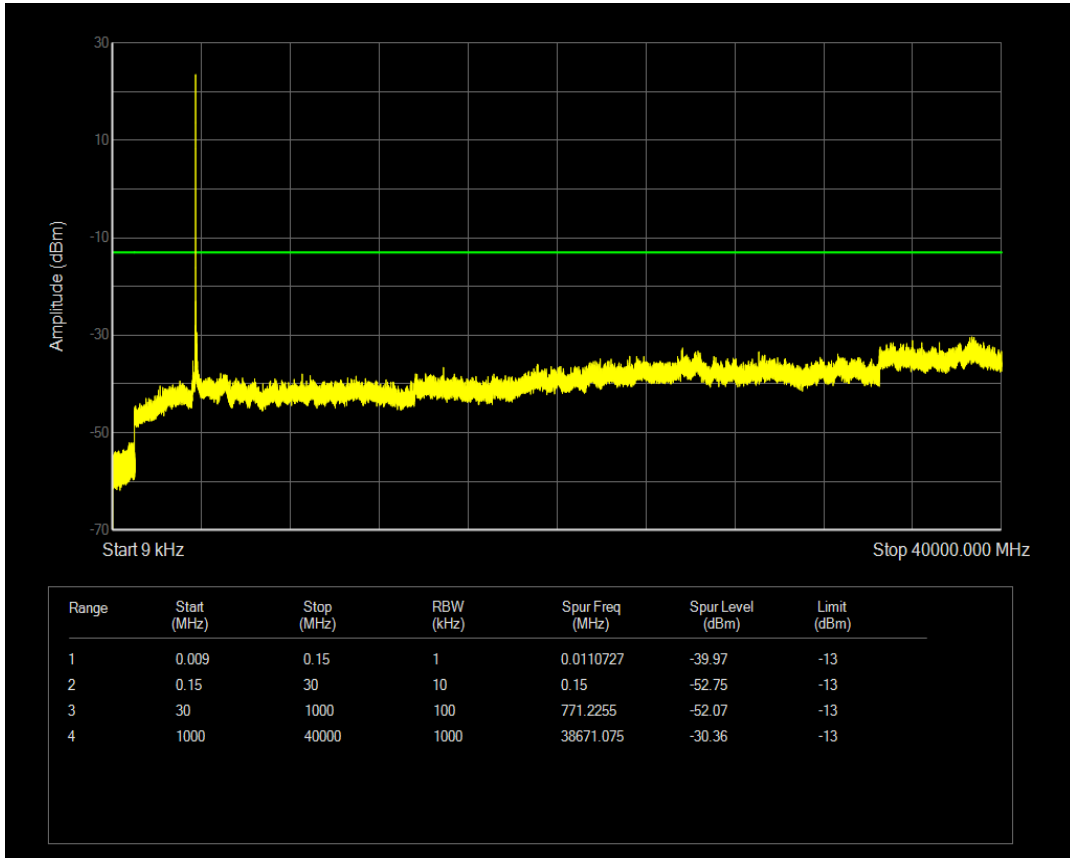




n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=270@0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=1 @0



n78(3700-3800) SCS=15kHz DFT\_QPSK BW=50MHz Channel=651666 RB=1 @269

