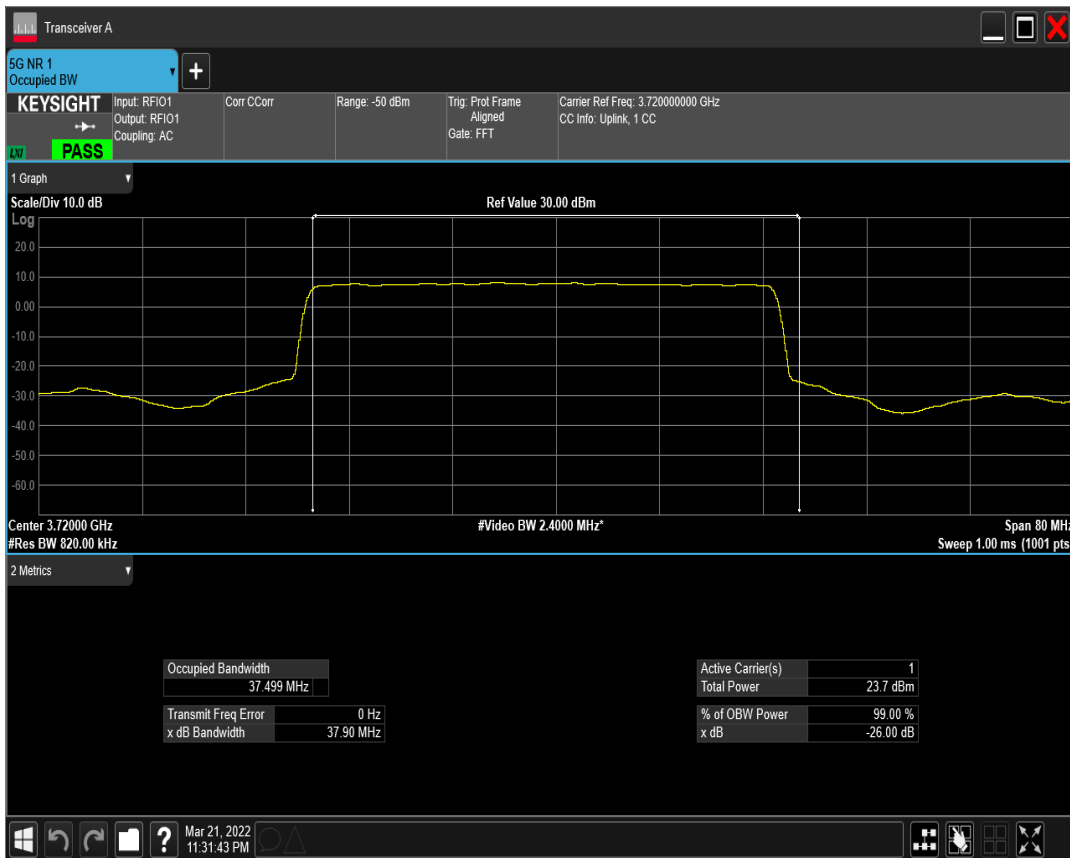
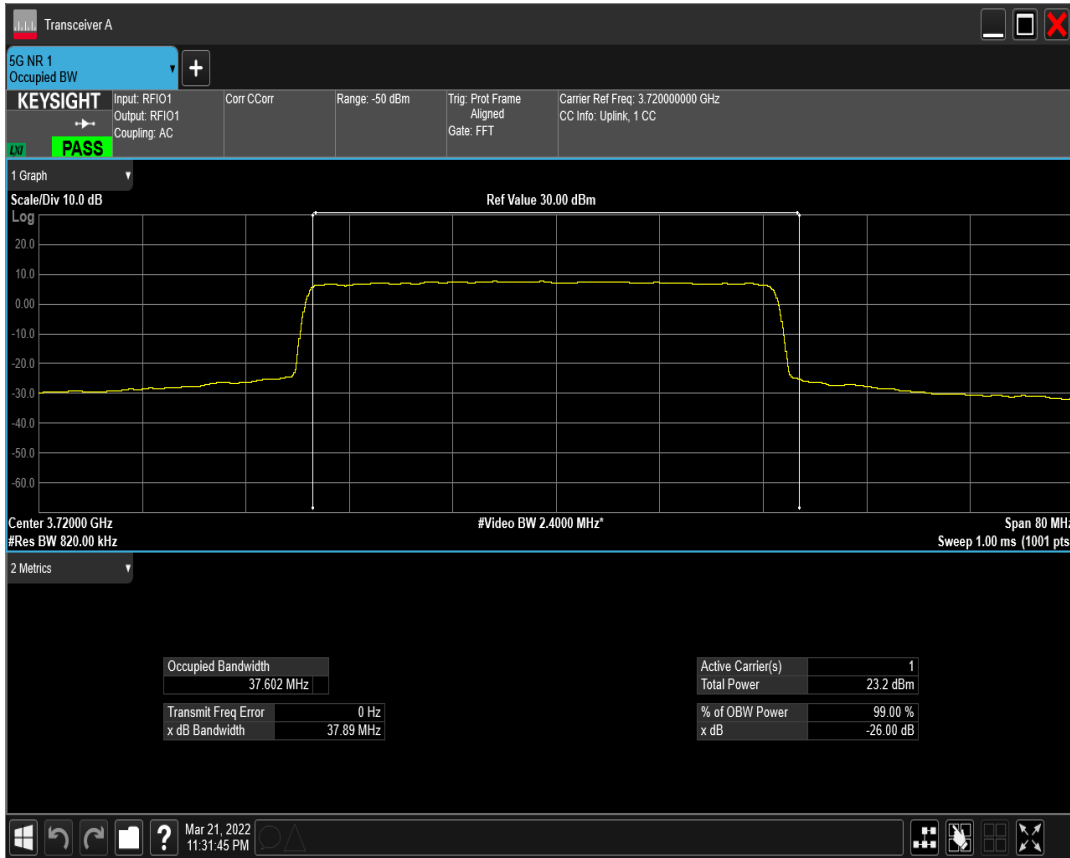




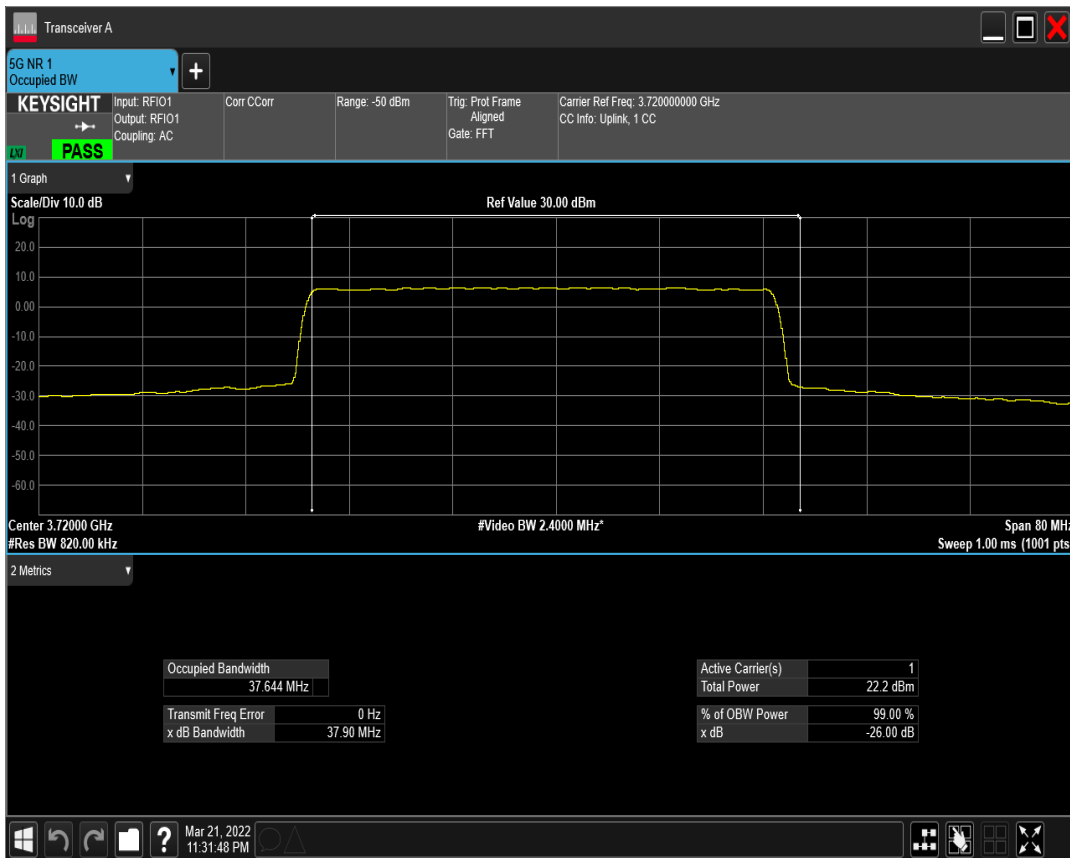
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=648000 RB=100@0



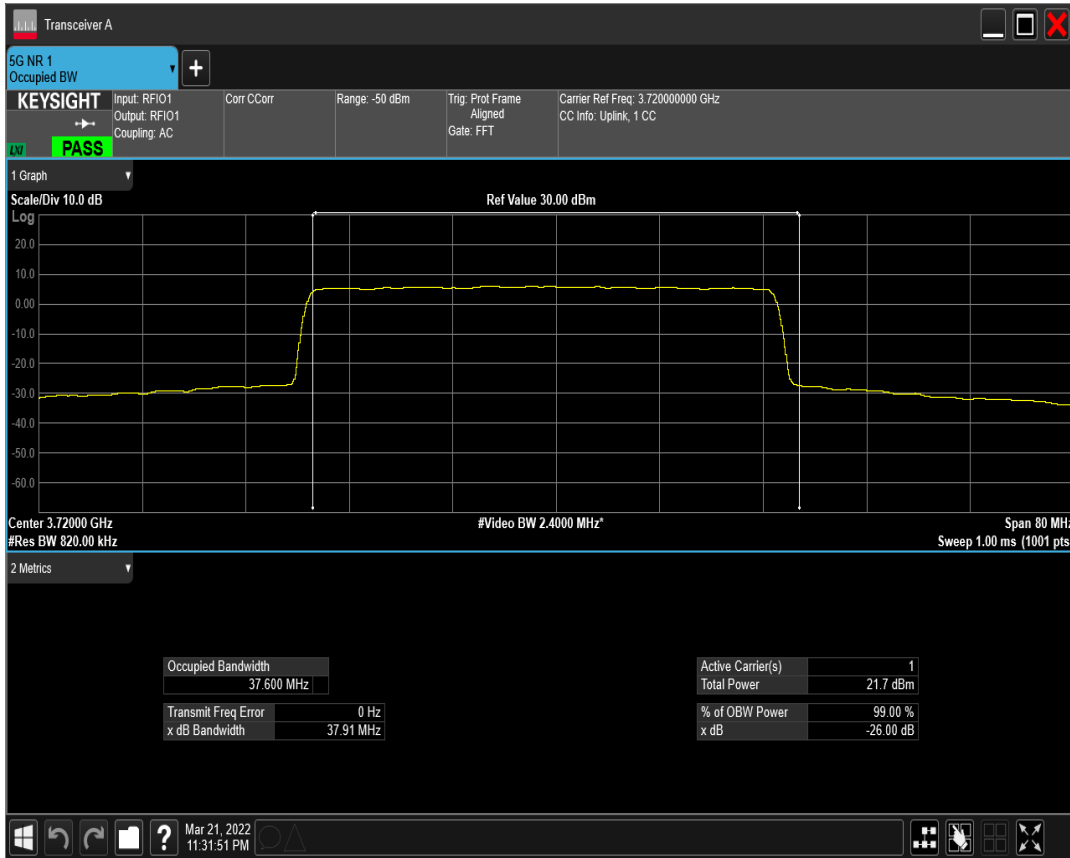
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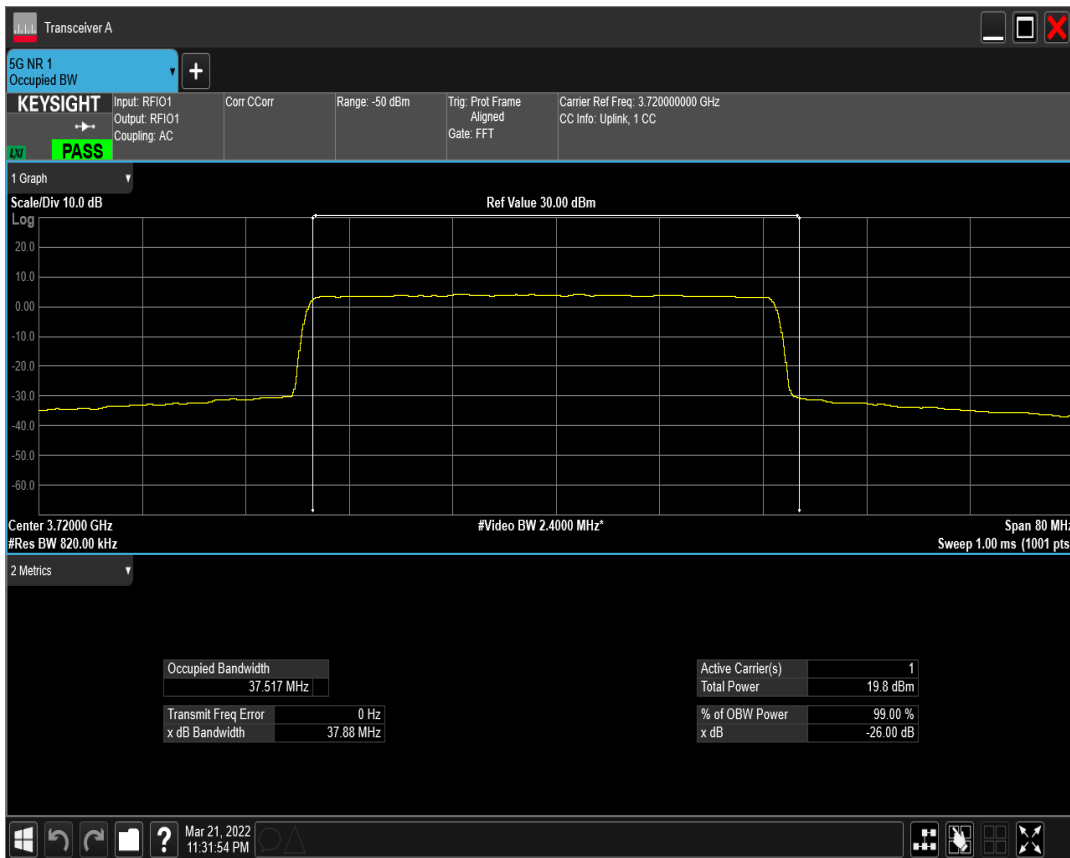
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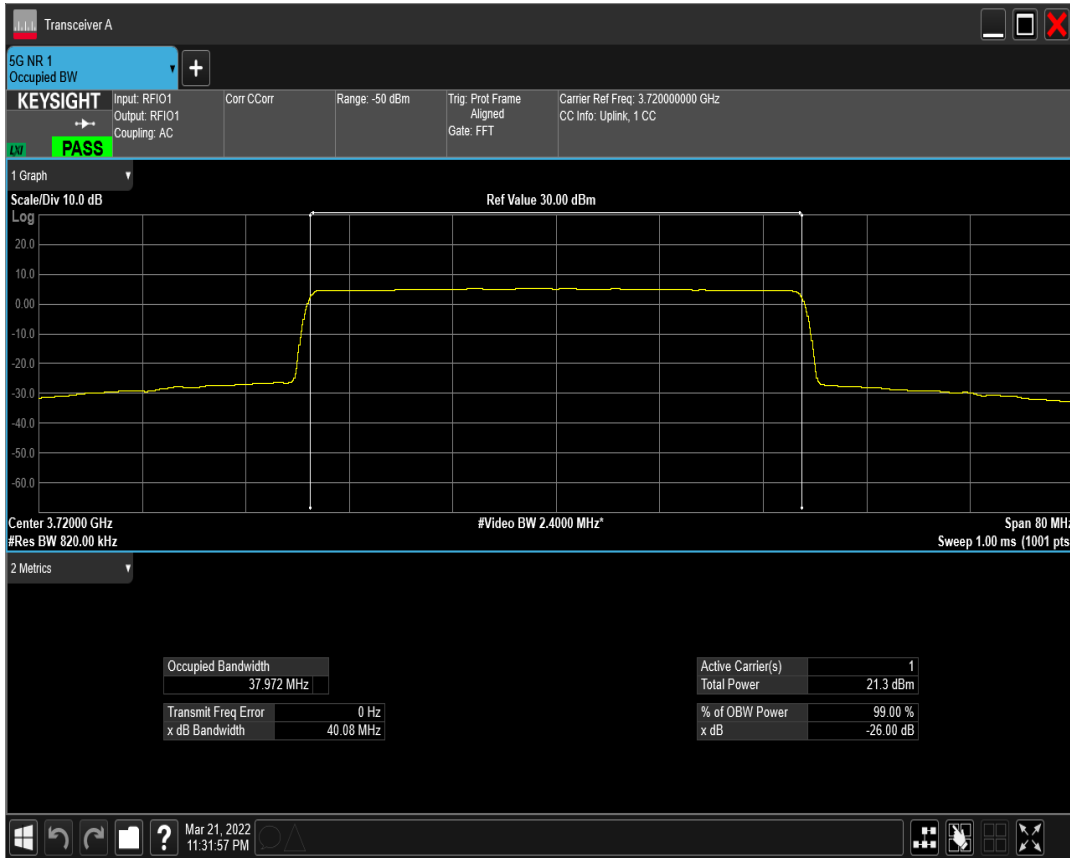
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=100@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=648000 RB=100@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=648000 RB=106@0



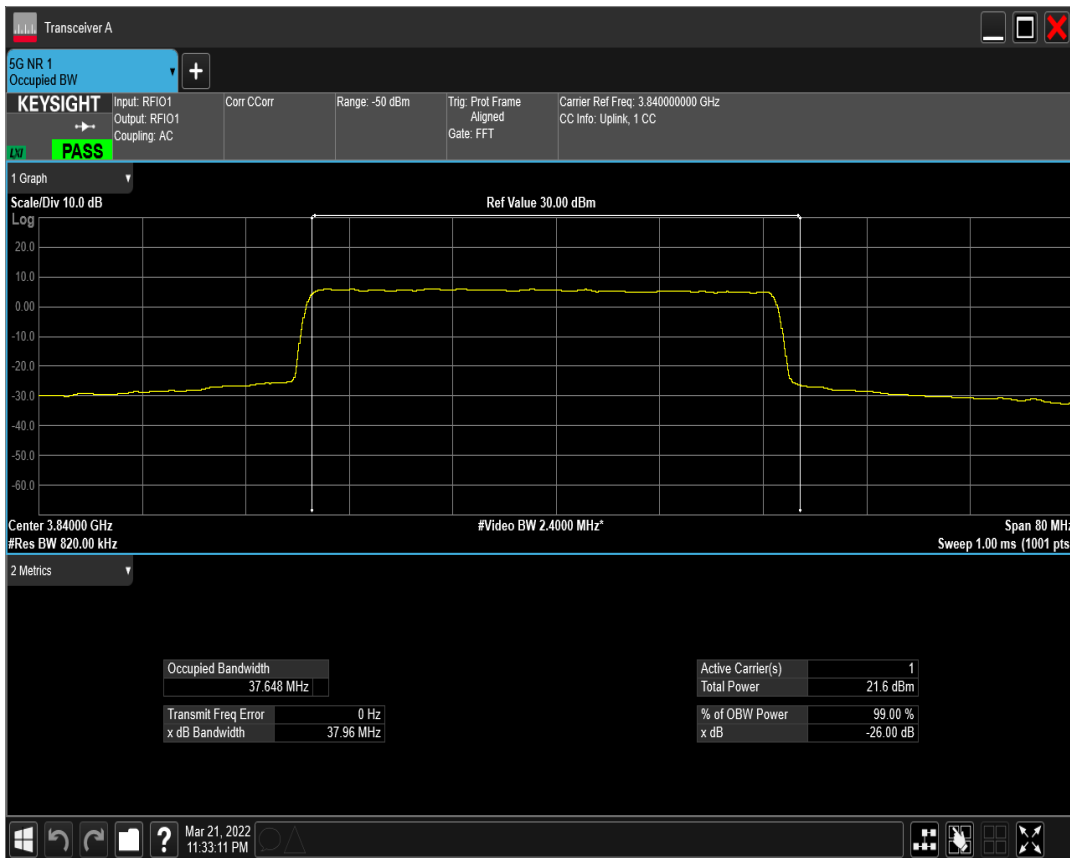
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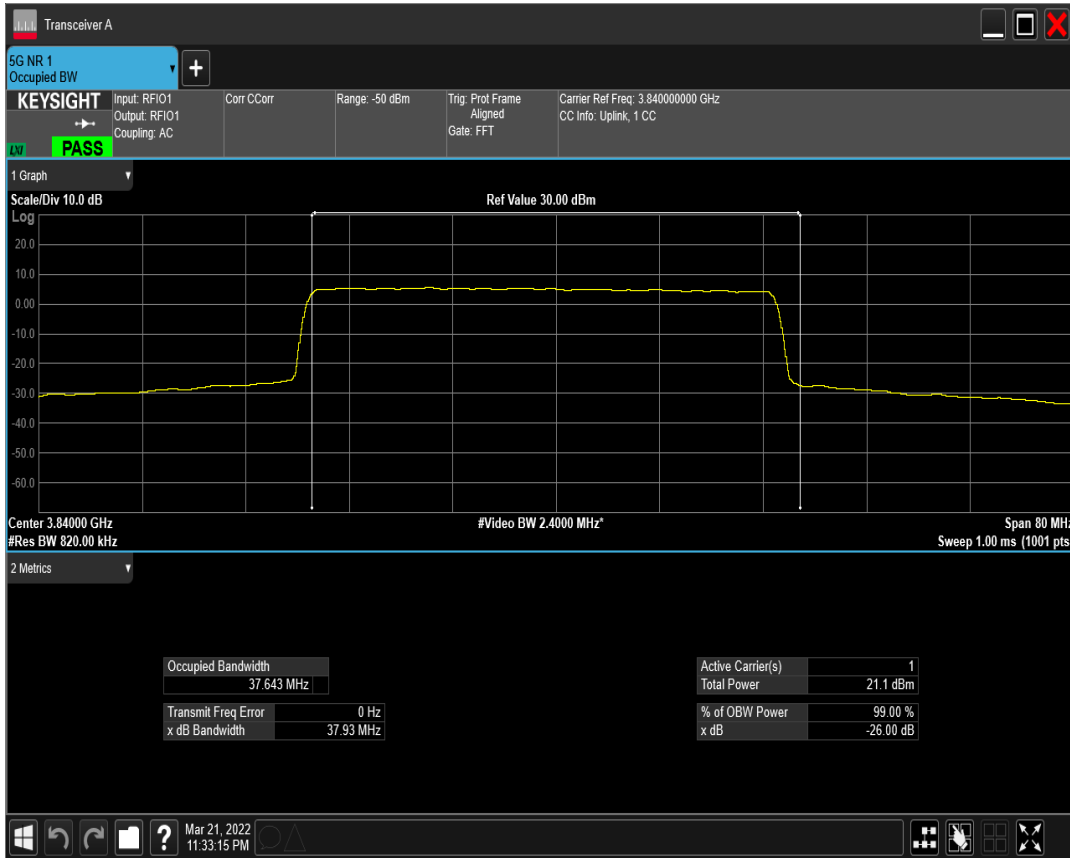
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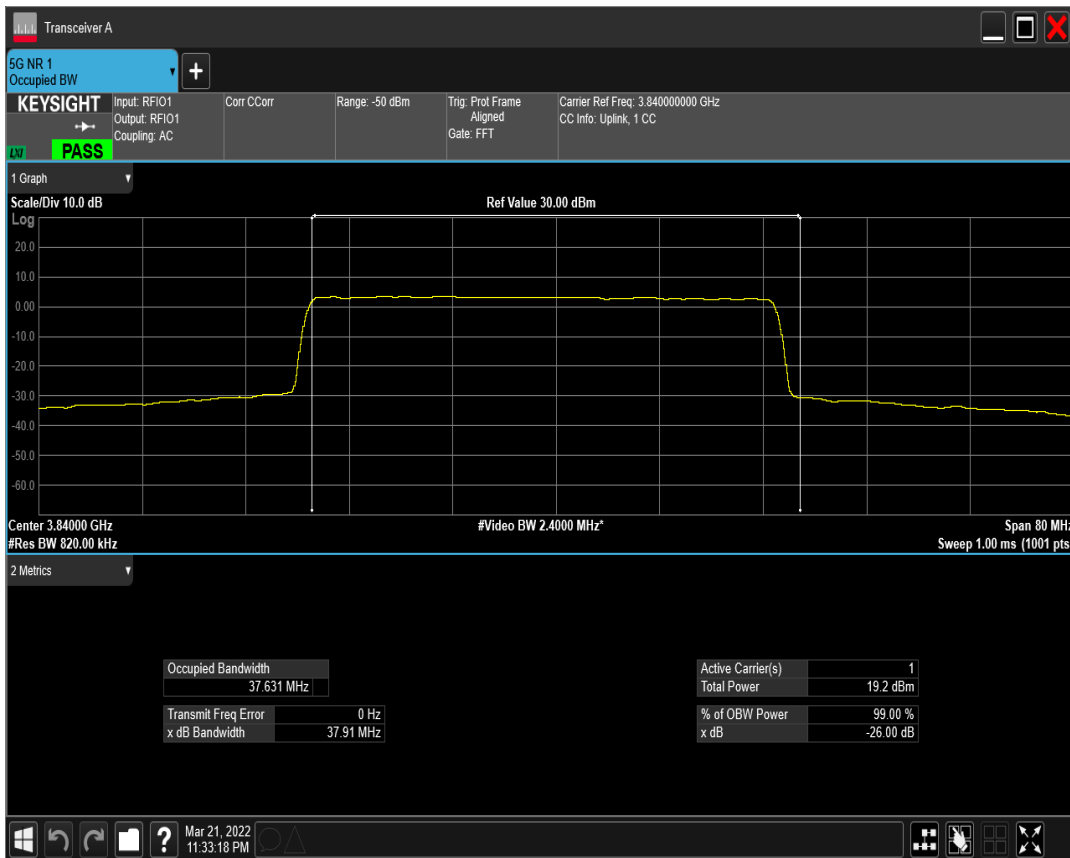
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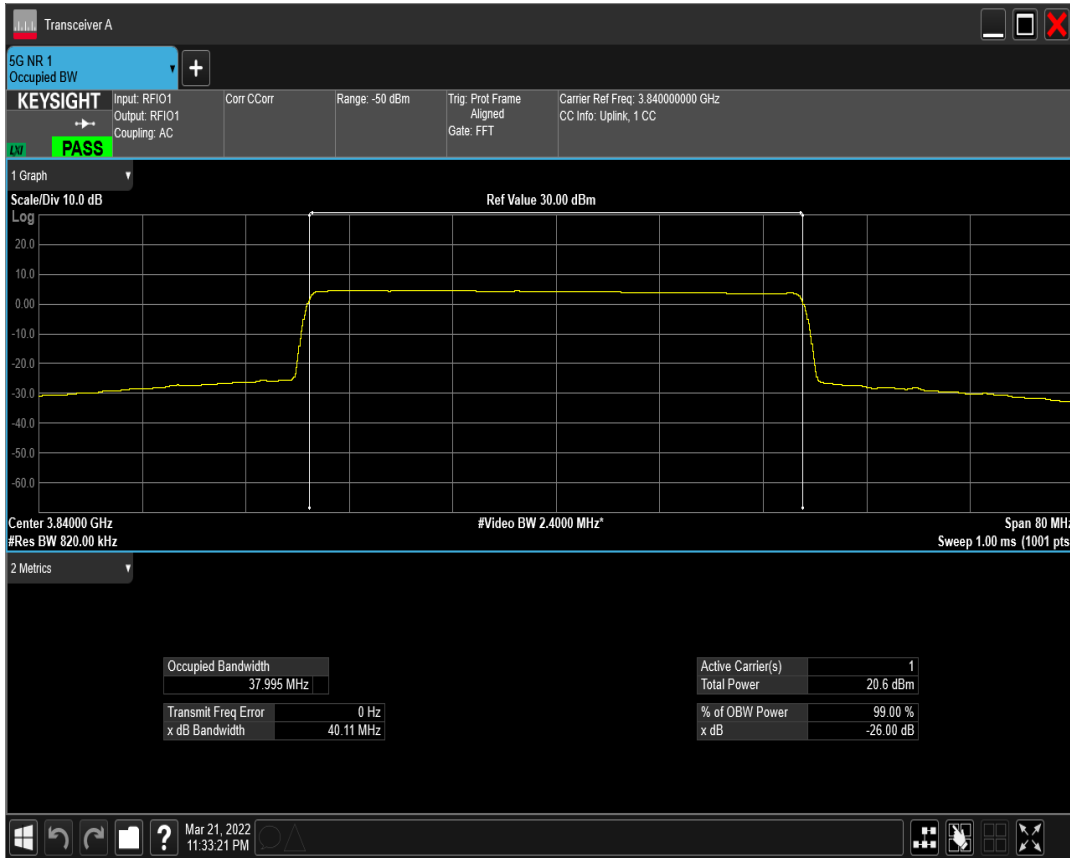
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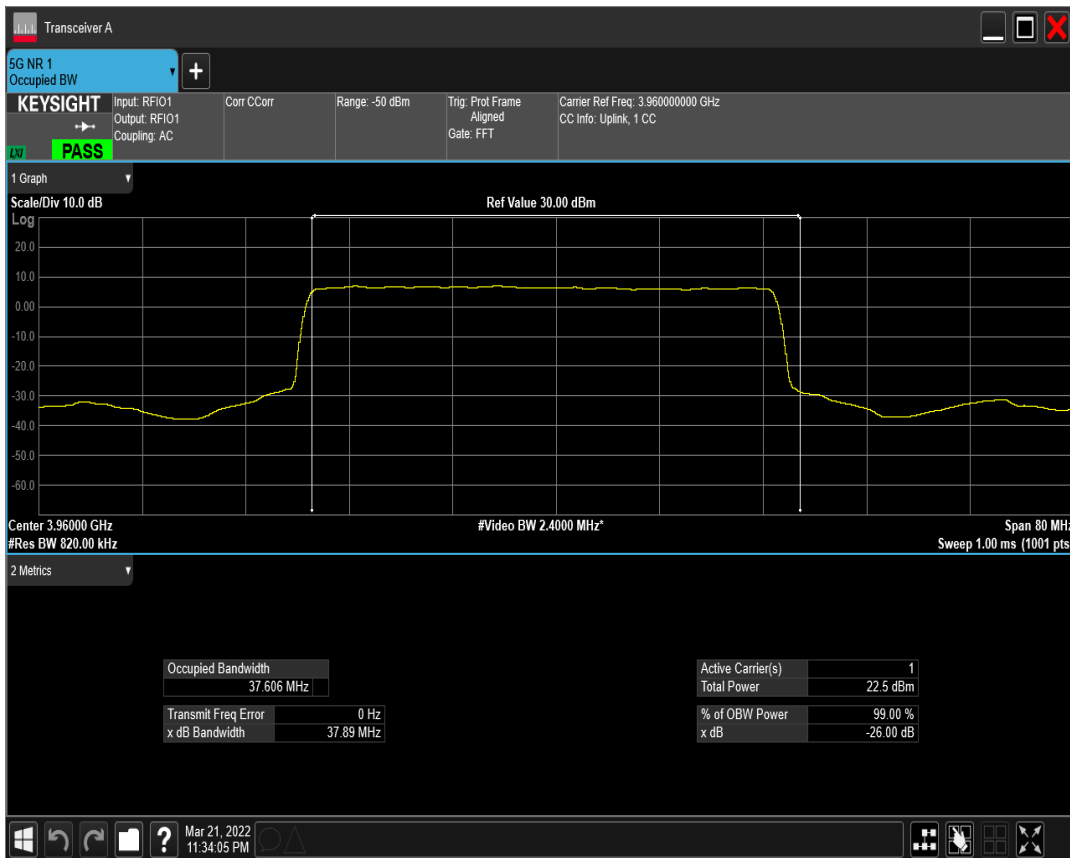
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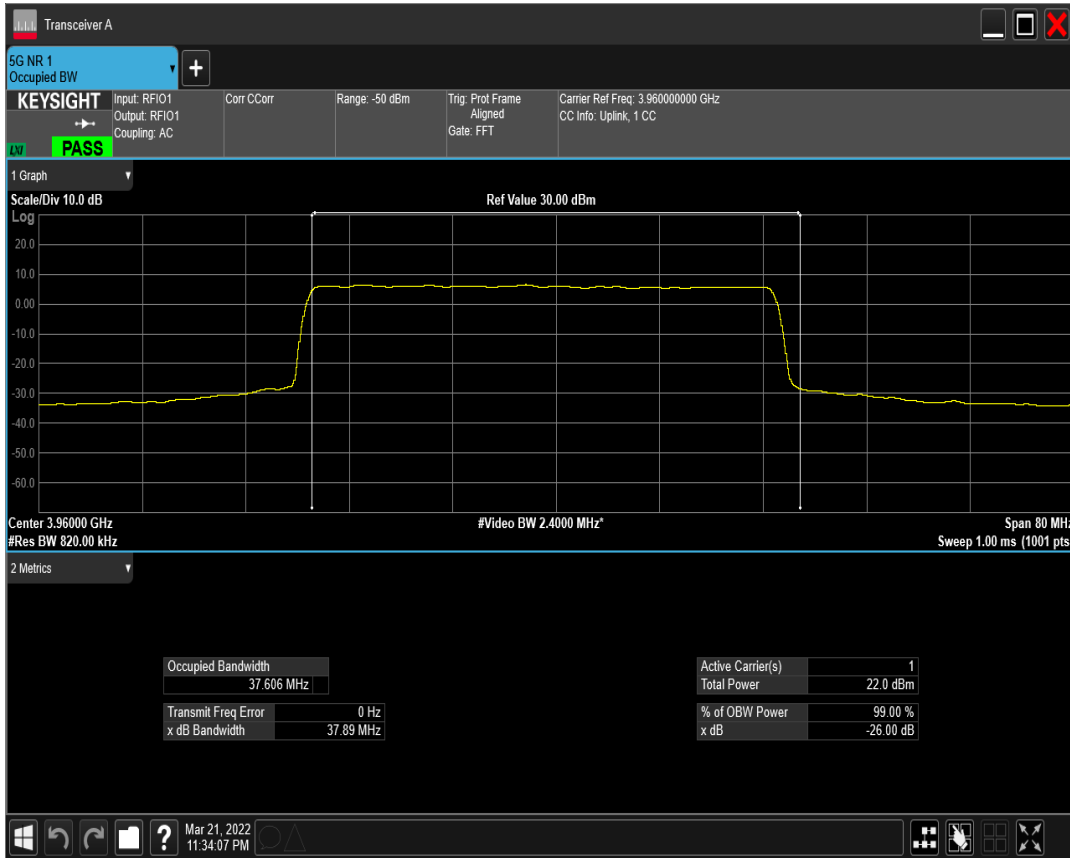
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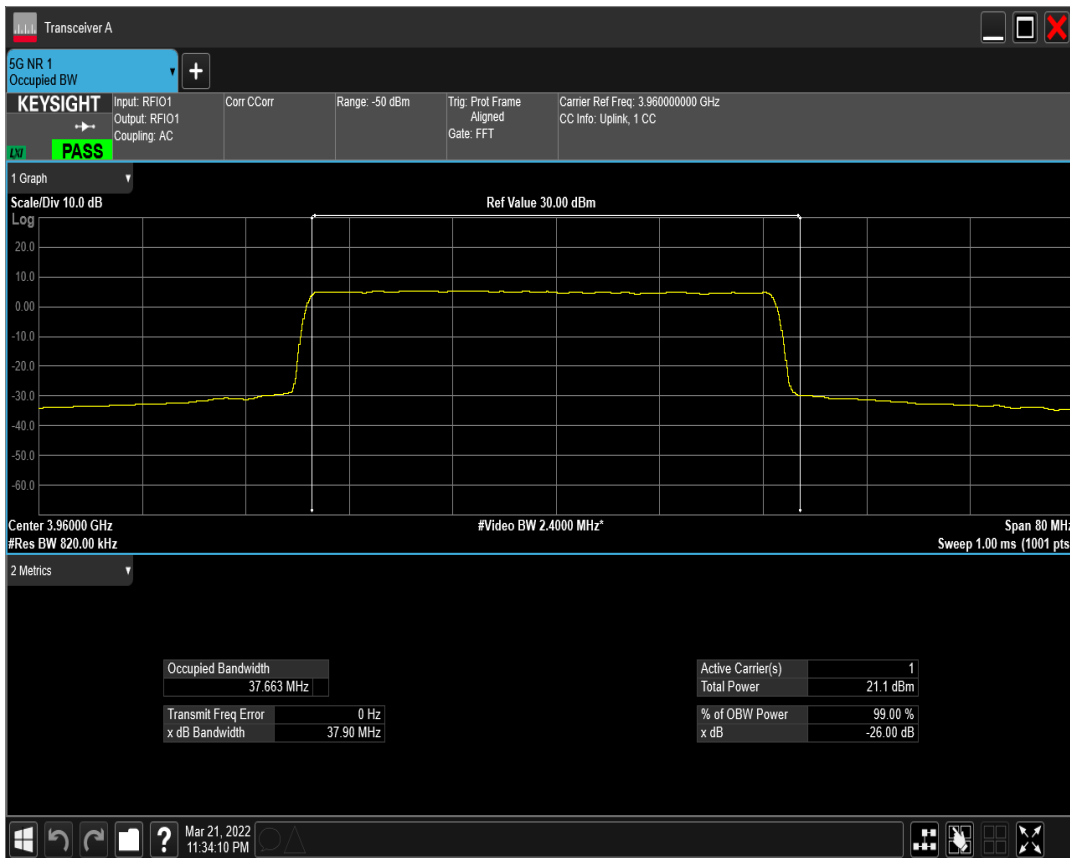
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=664000 RB=100@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=664000 RB=100@0

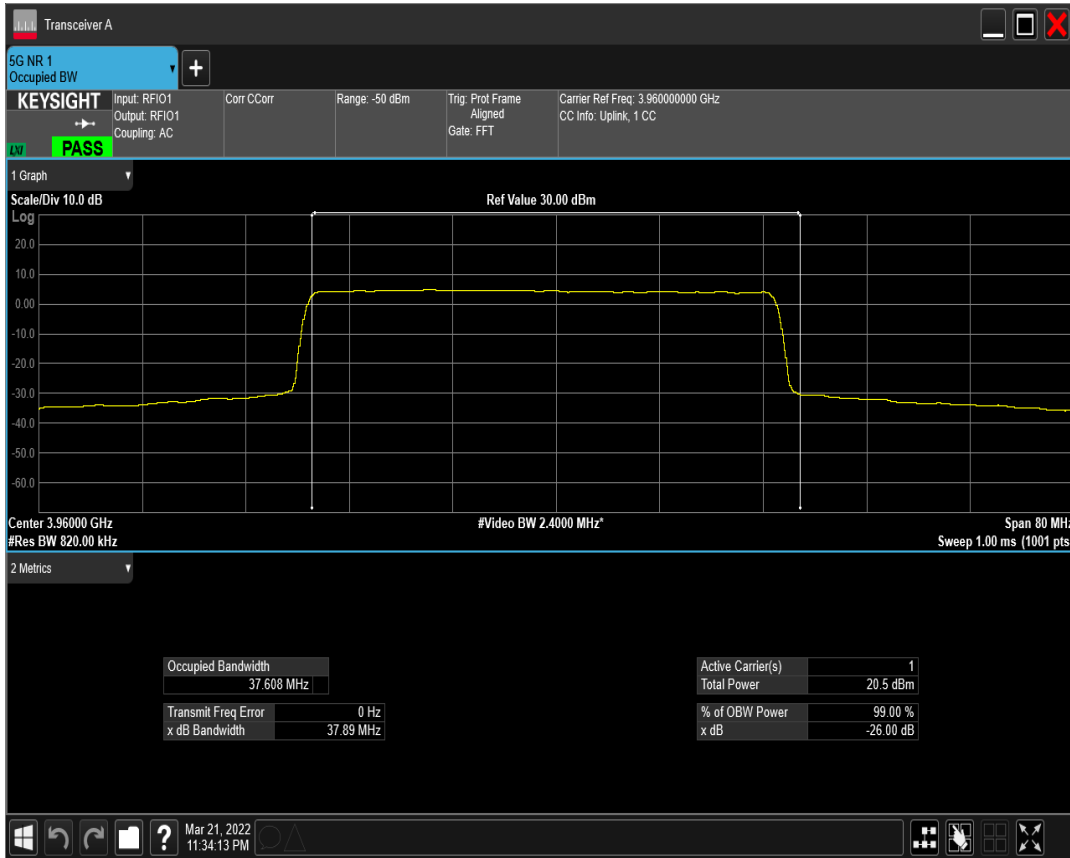


n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=664000 RB=100@0

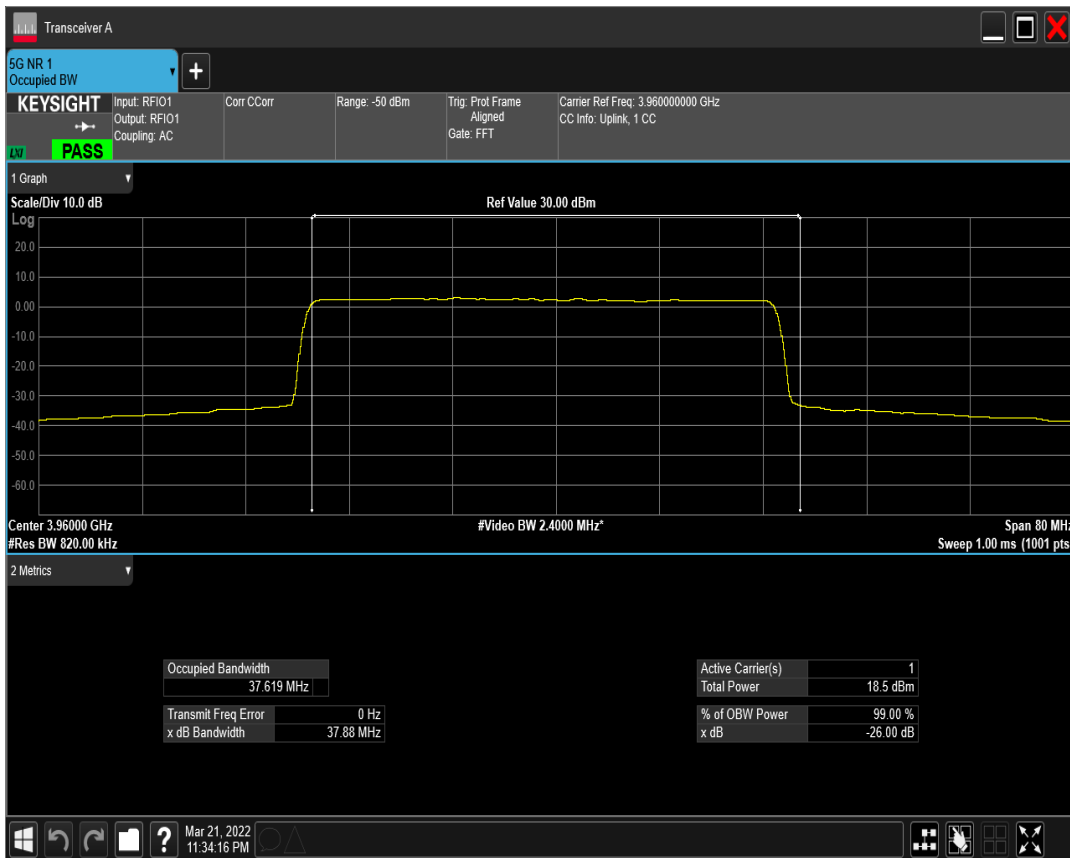


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=664000 RB=100@0





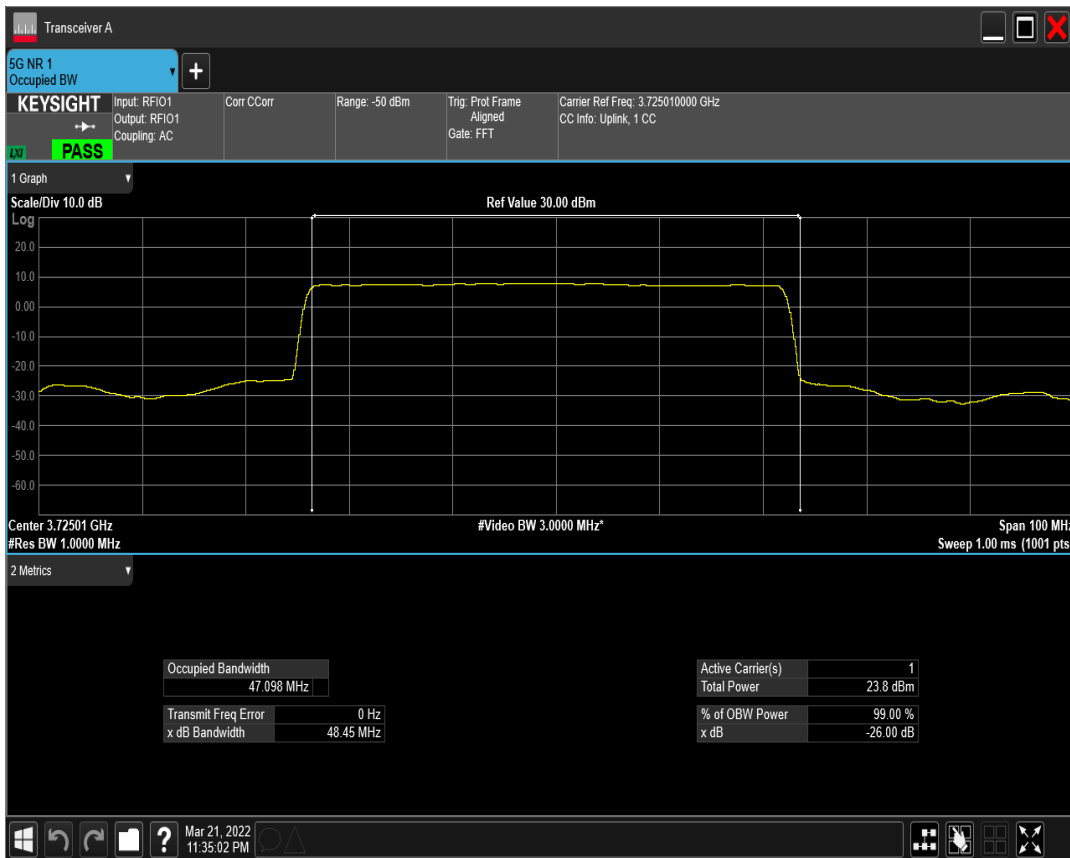
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n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=664000 RB=106@0



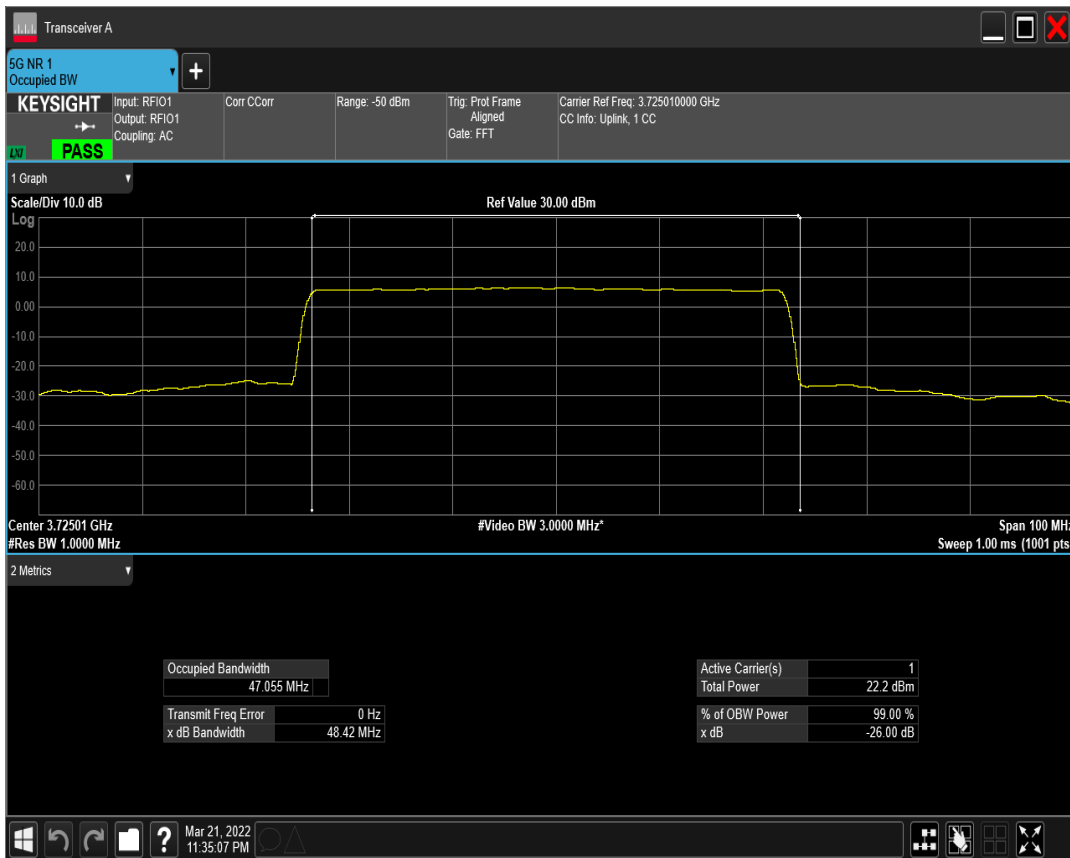
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=648334 RB=128@0



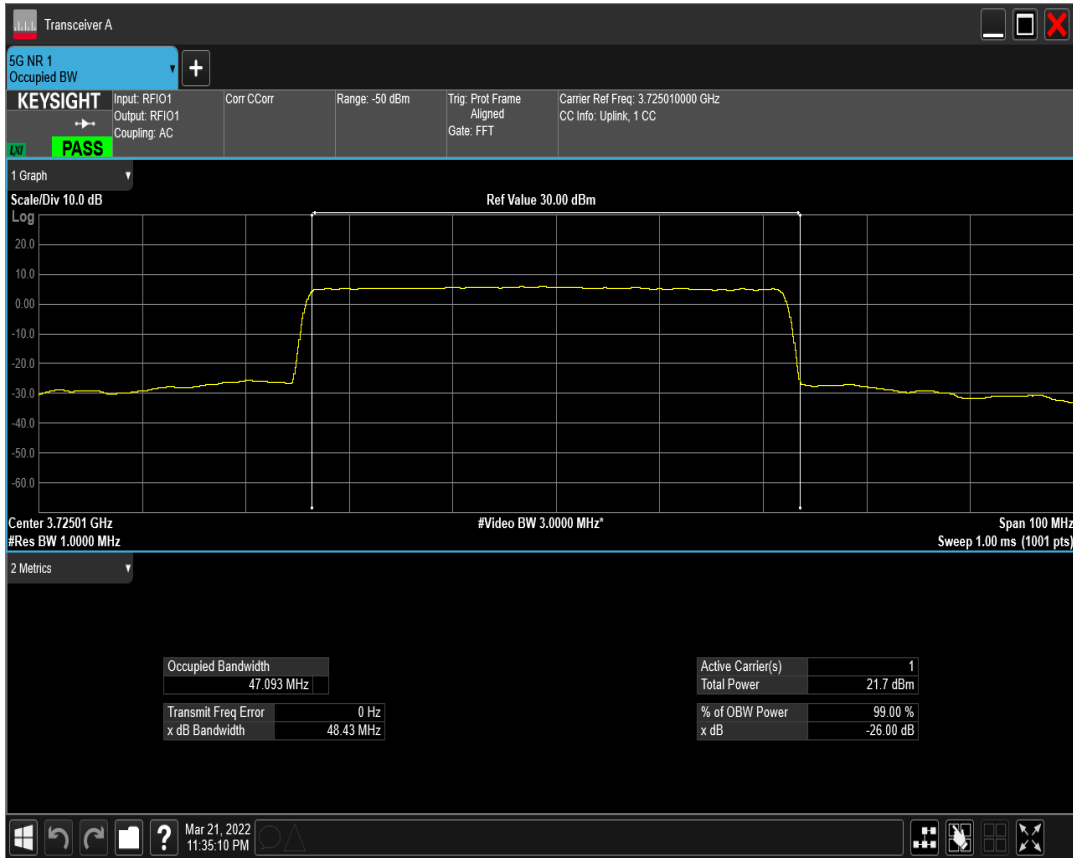
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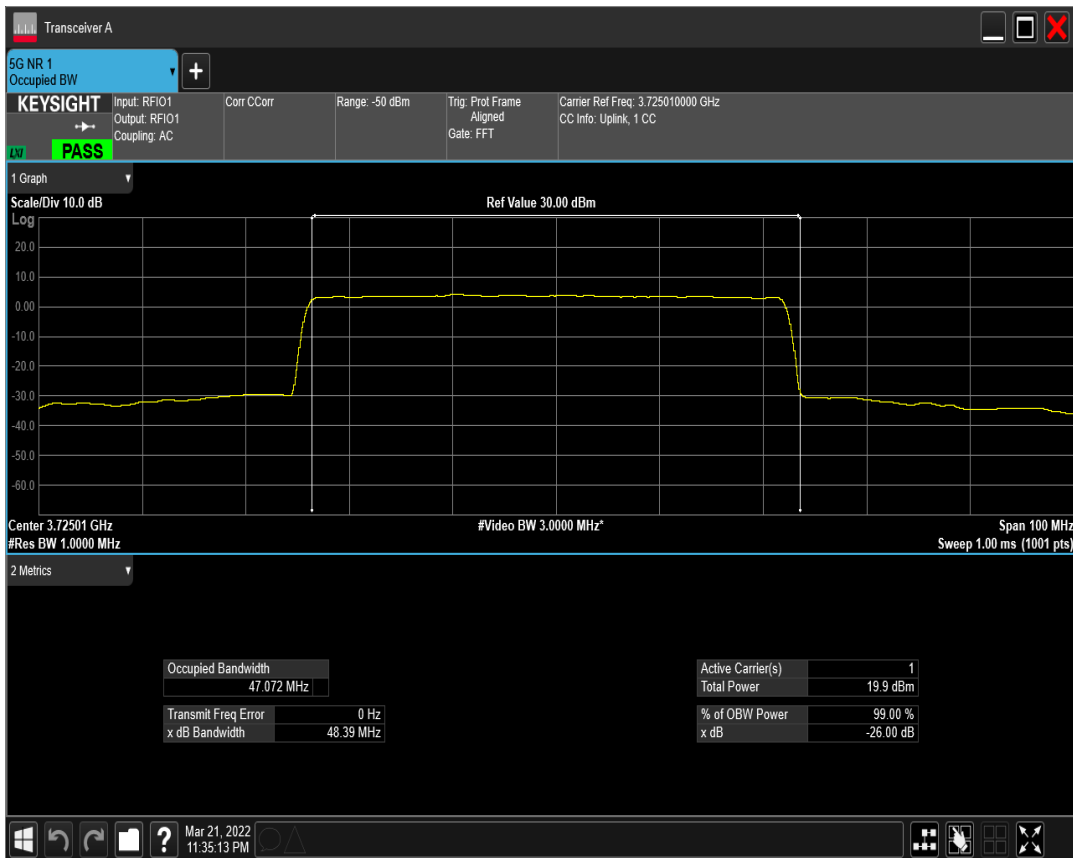
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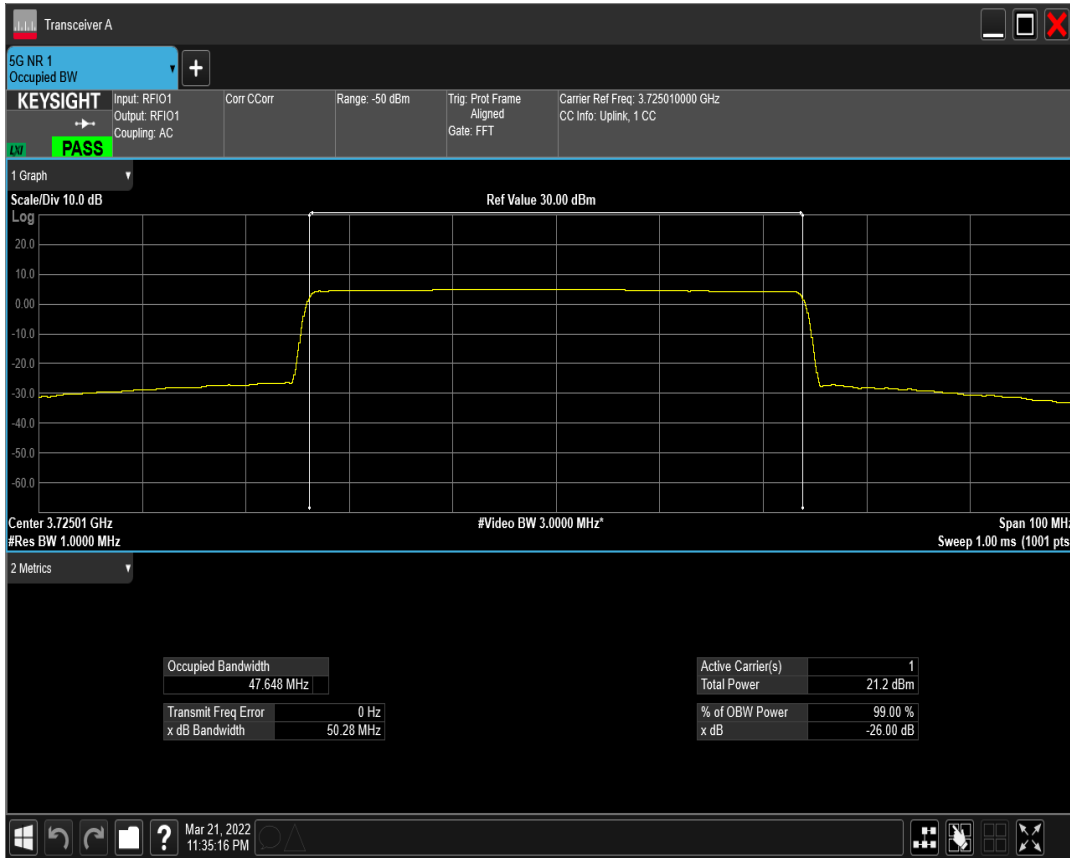
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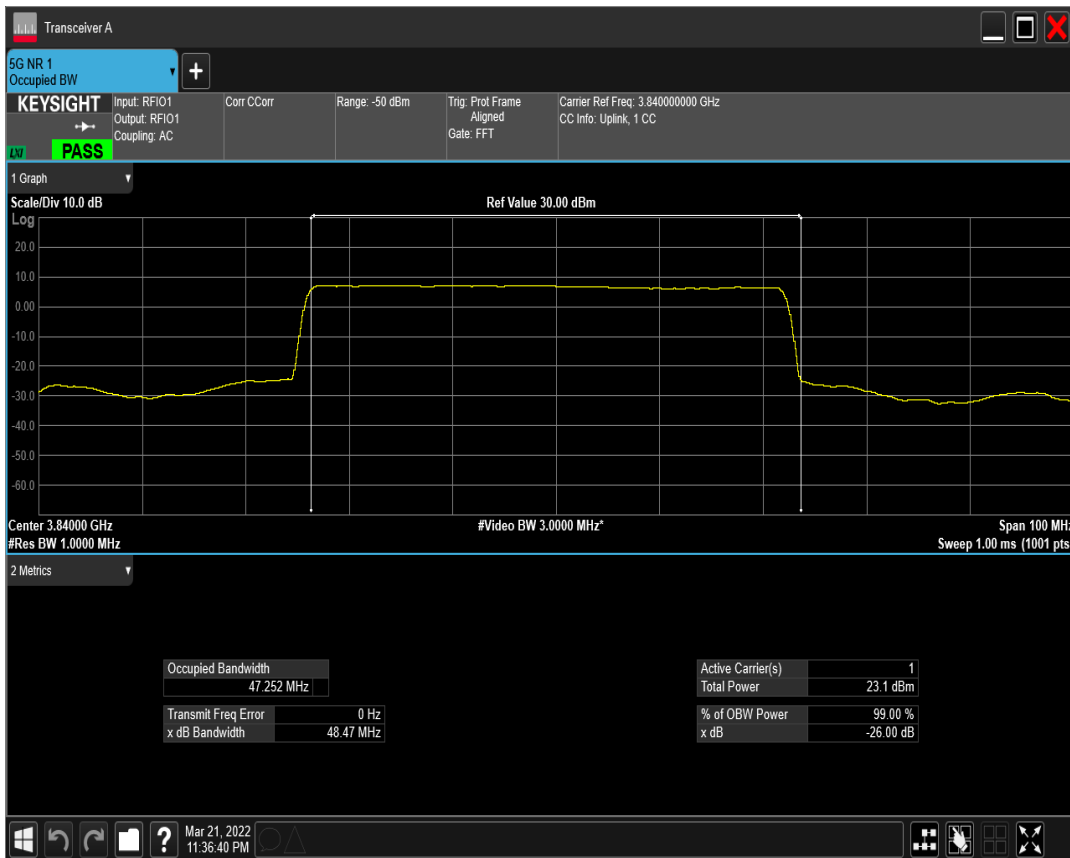
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=648334 RB=128@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0



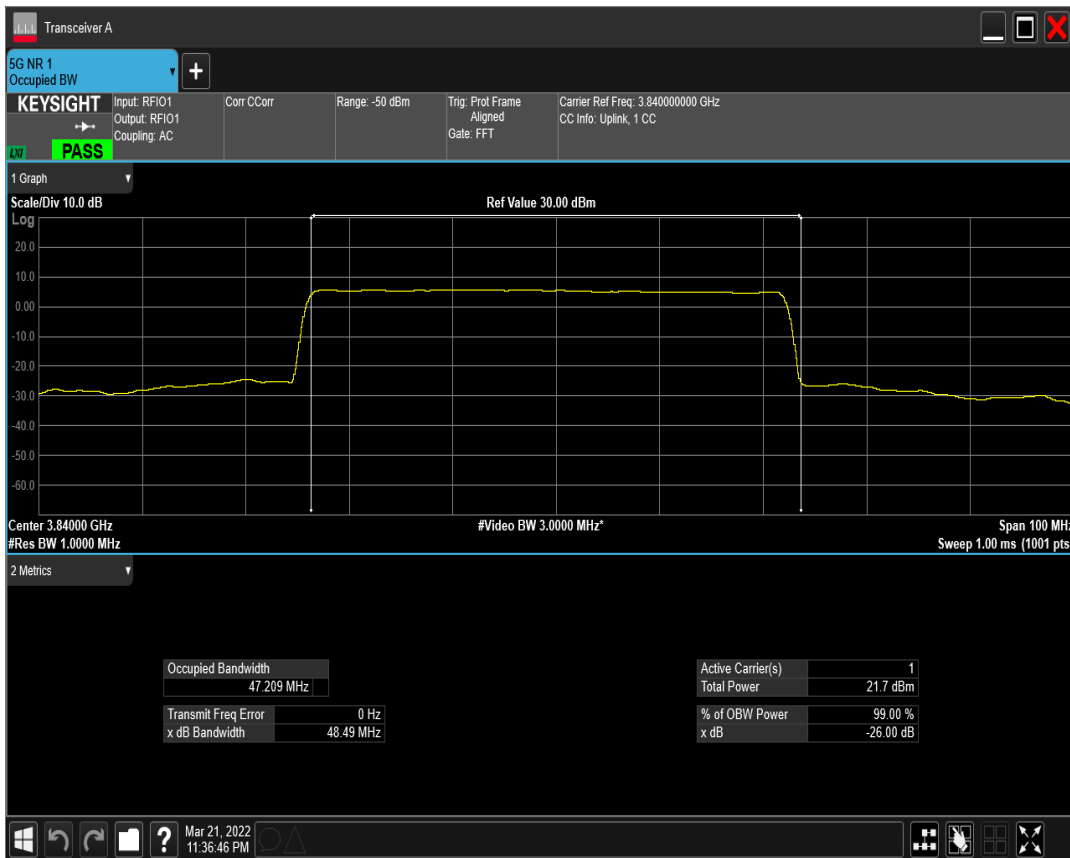
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=656000 RB=128@0



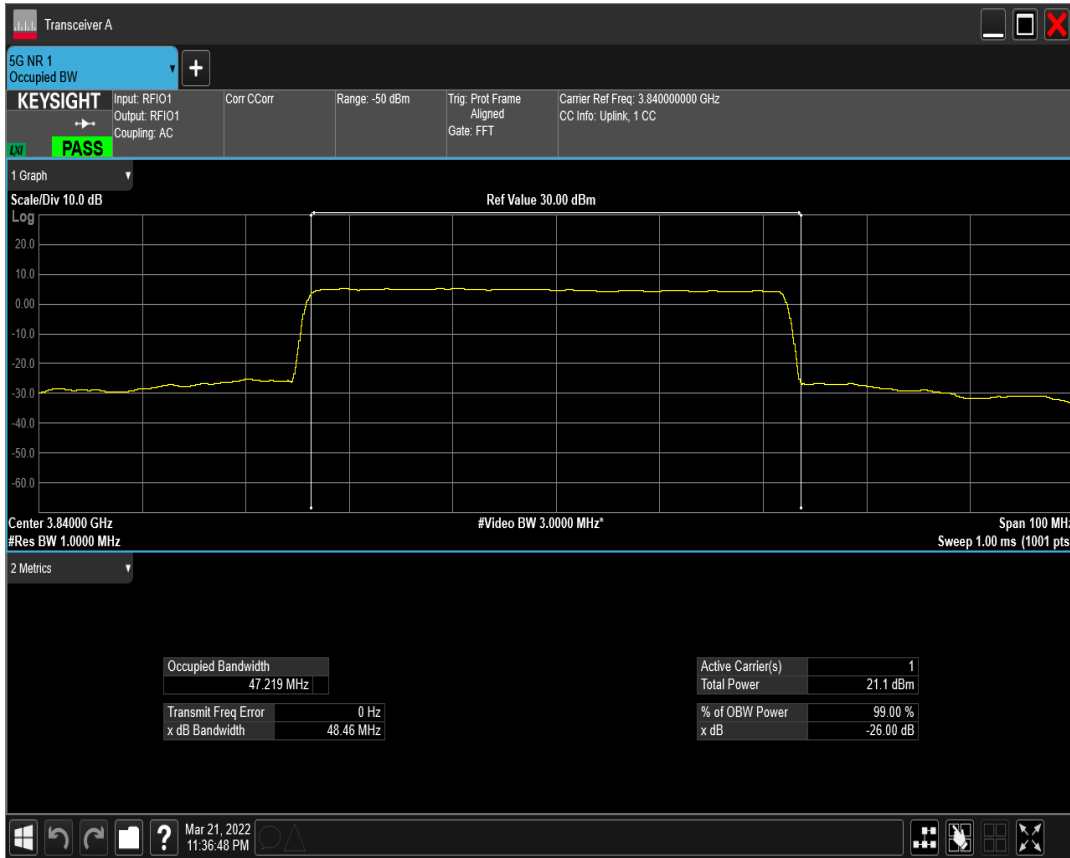
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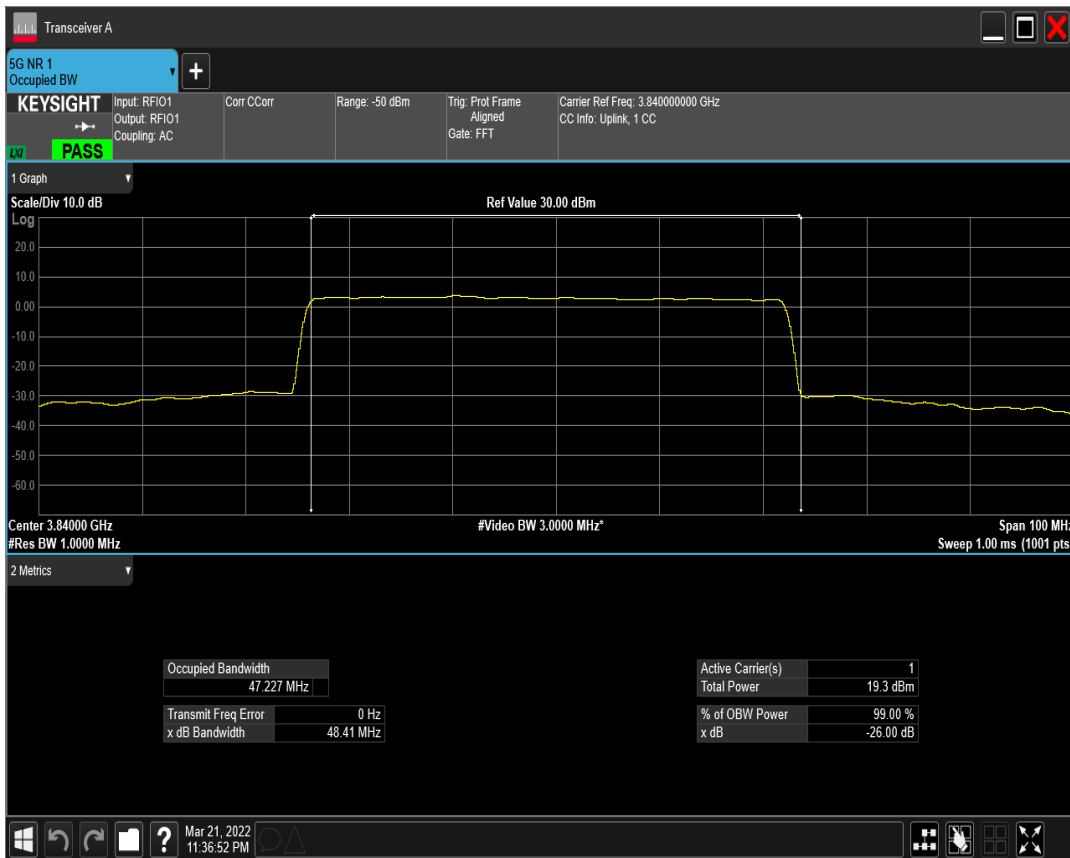
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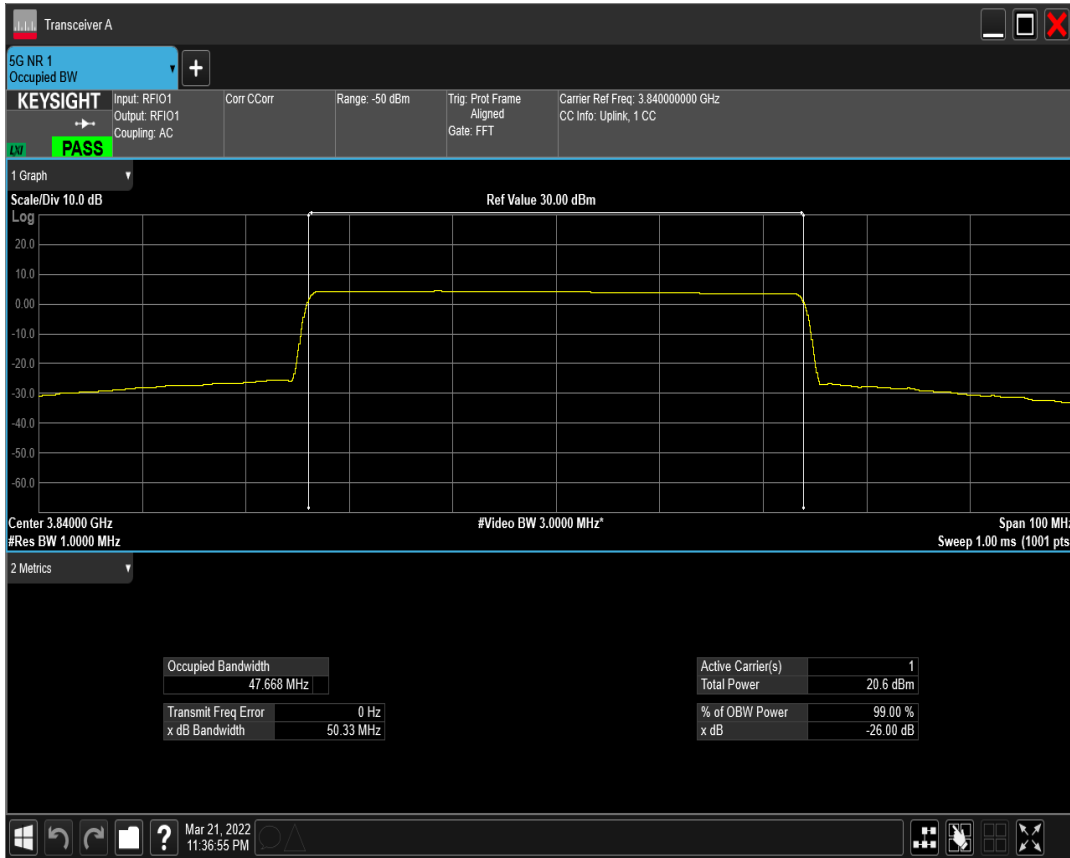
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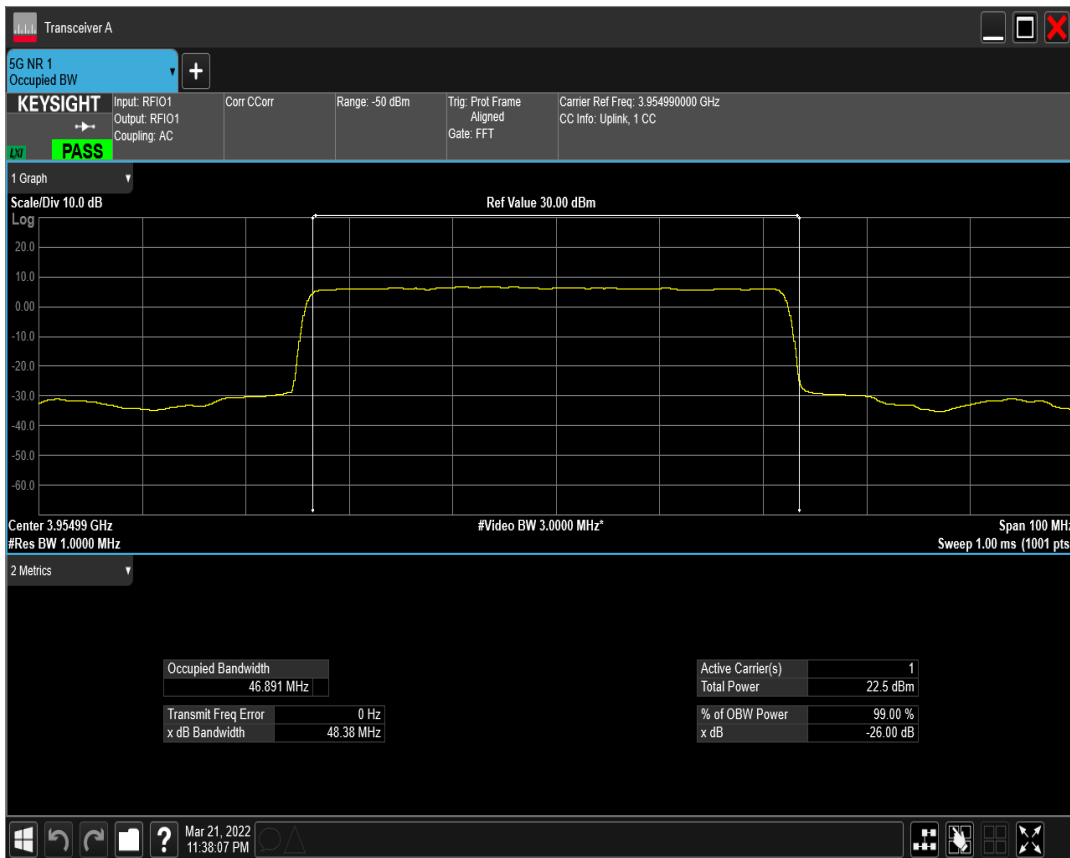
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n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=656000 RB=133@0



n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=663666 RB=128@0

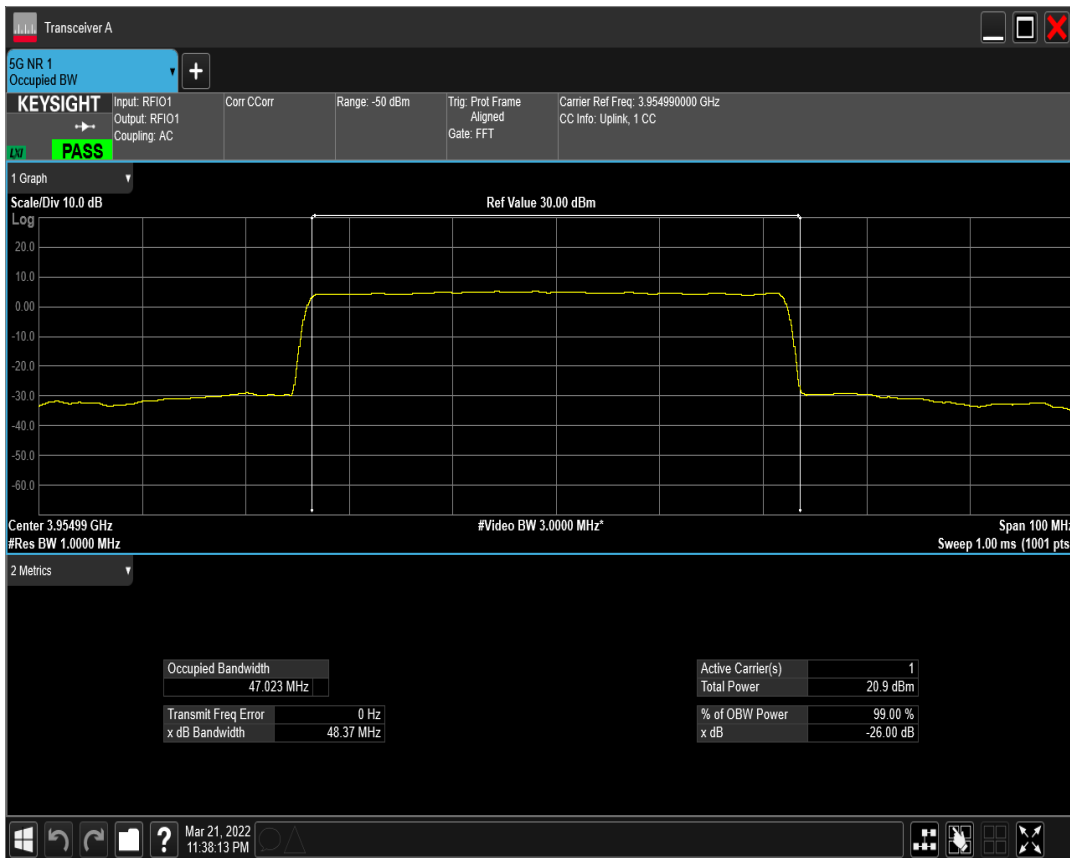


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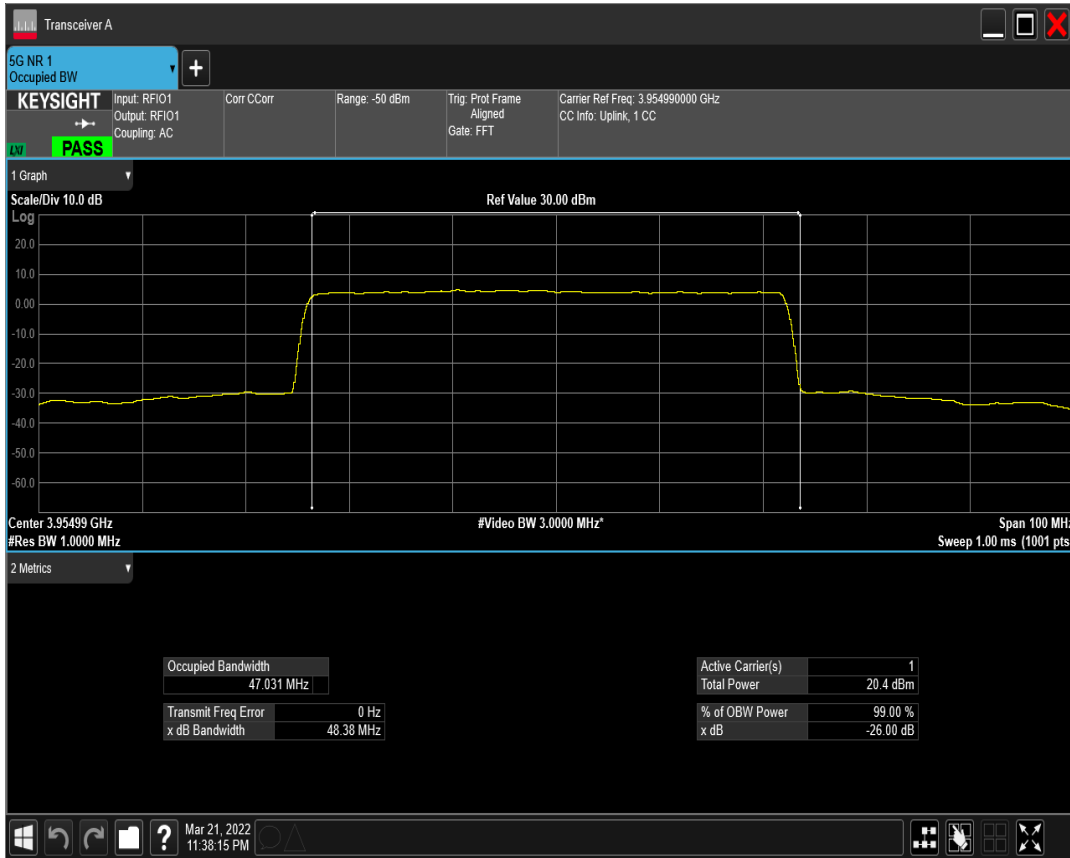




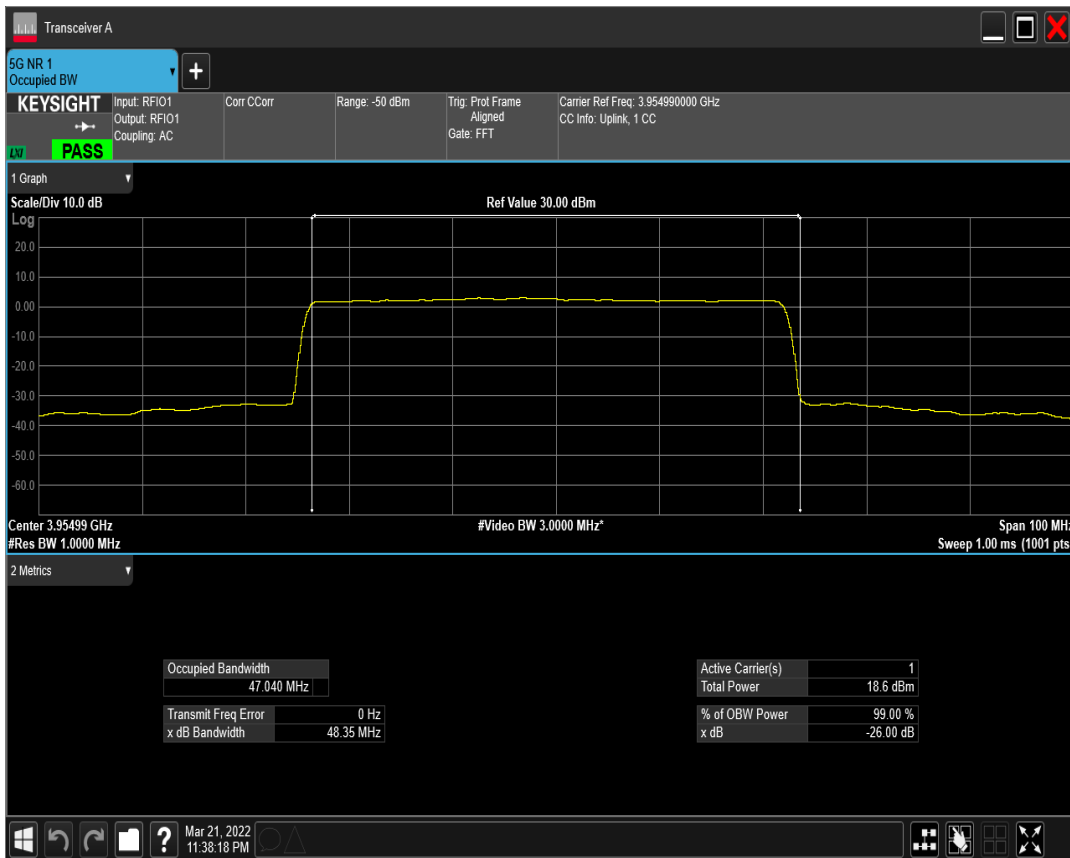
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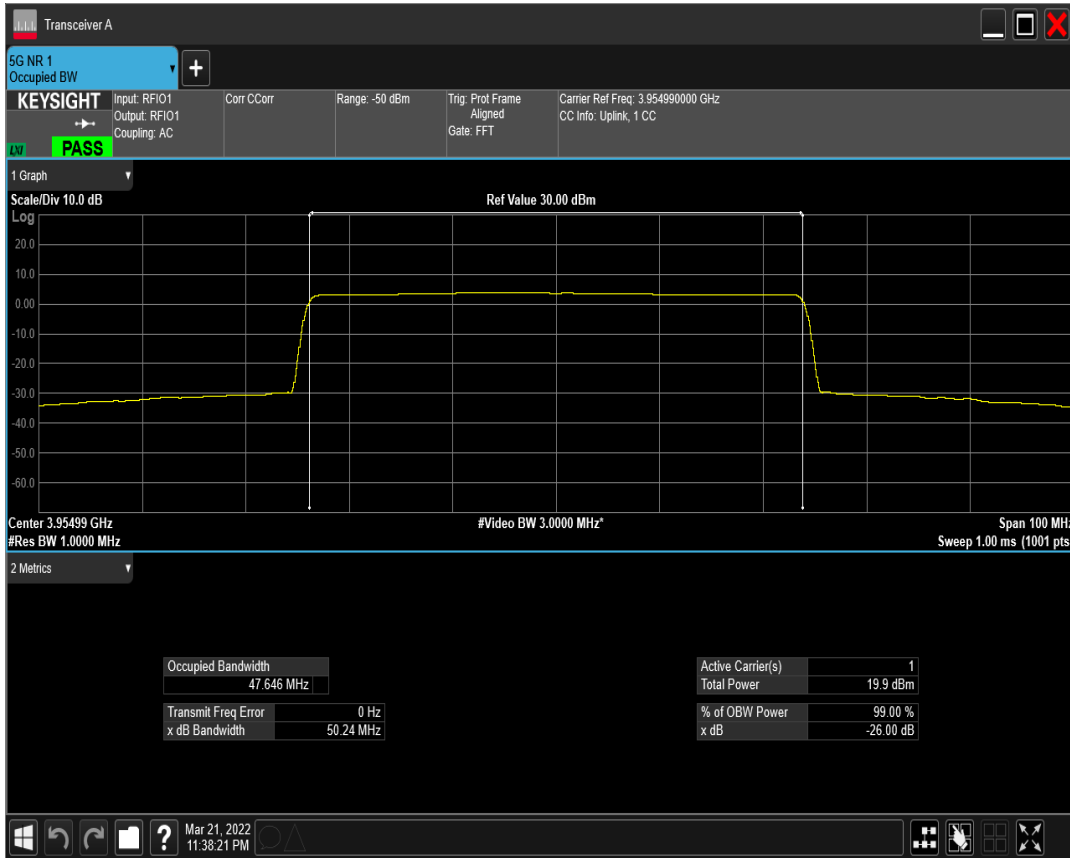
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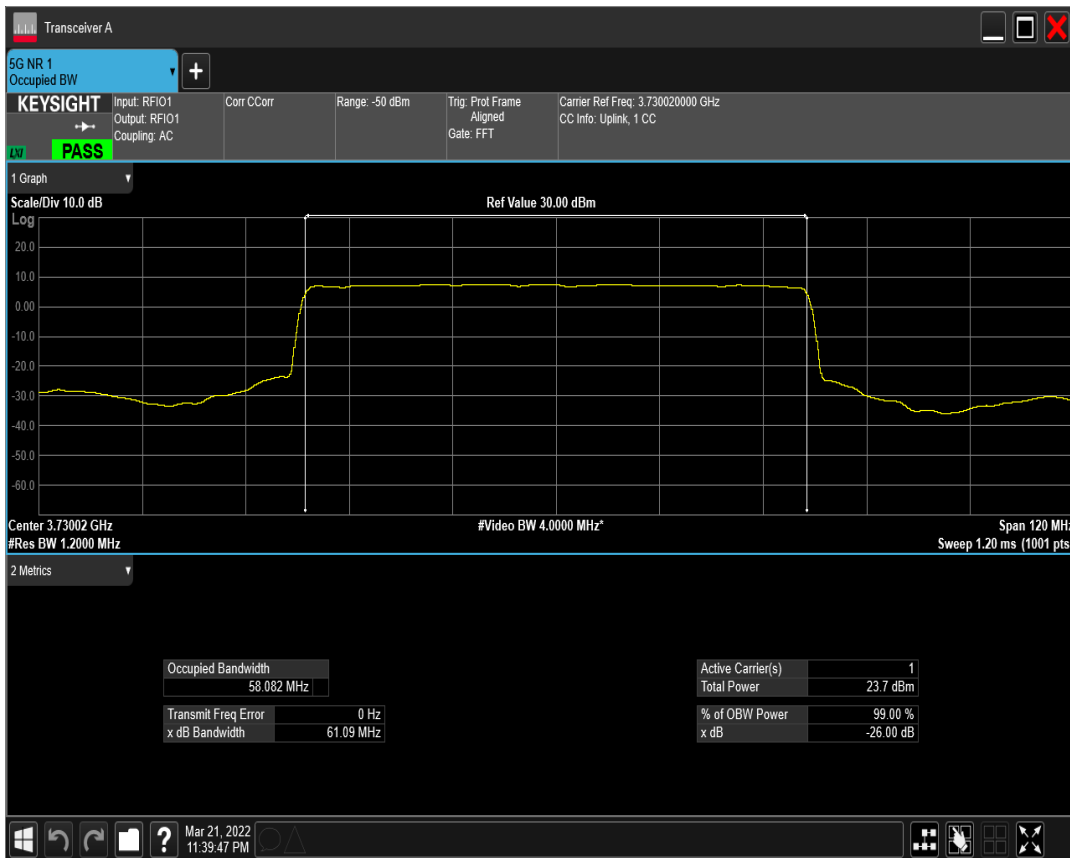
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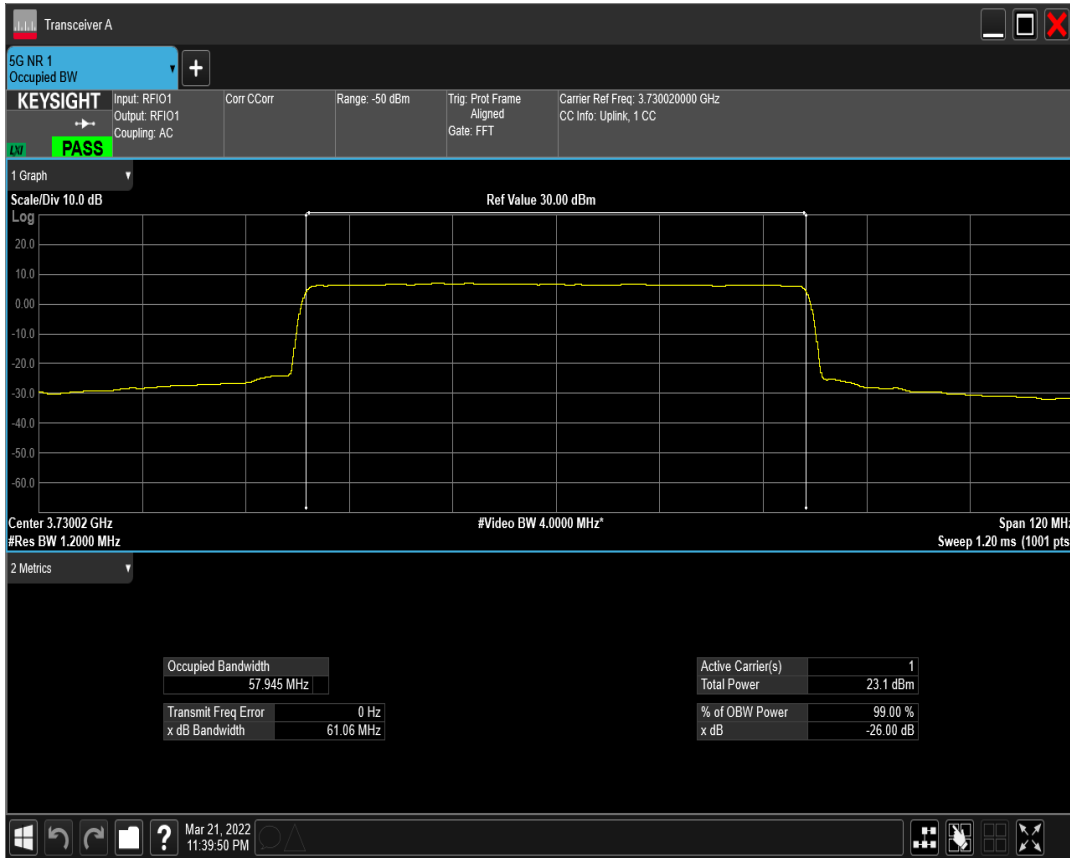
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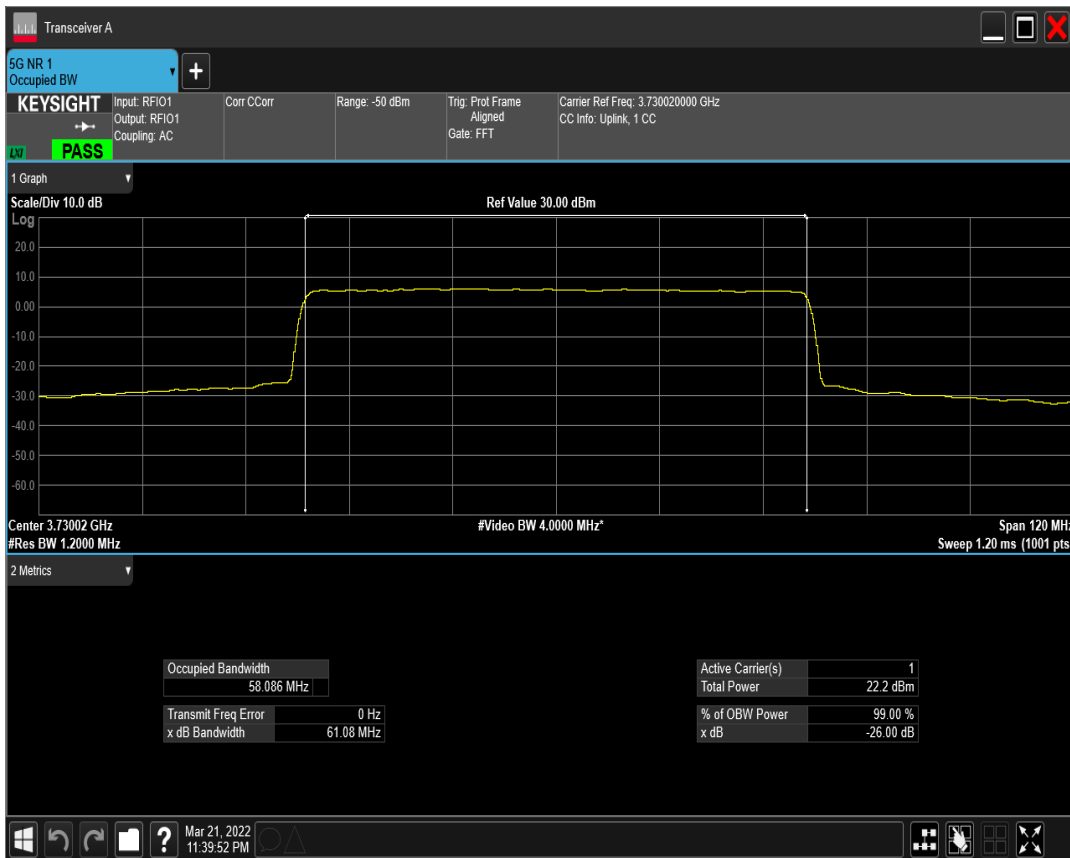
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=648668 RB=162@0



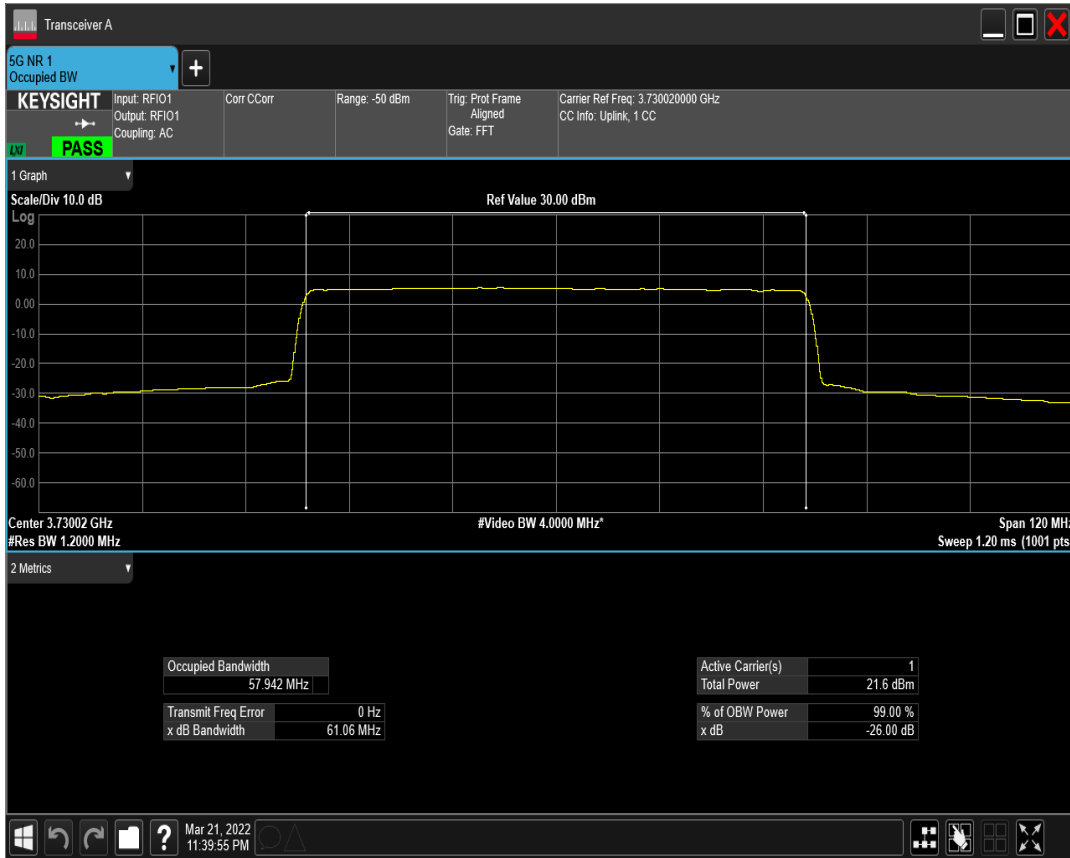
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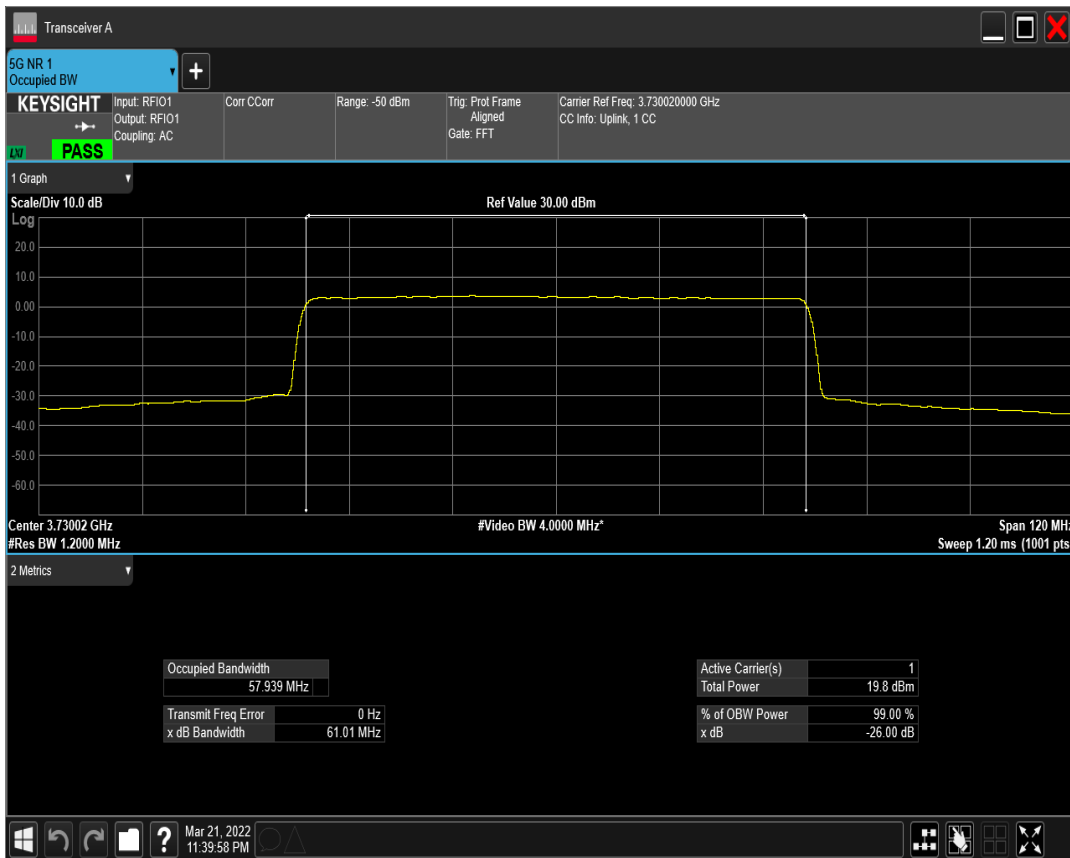
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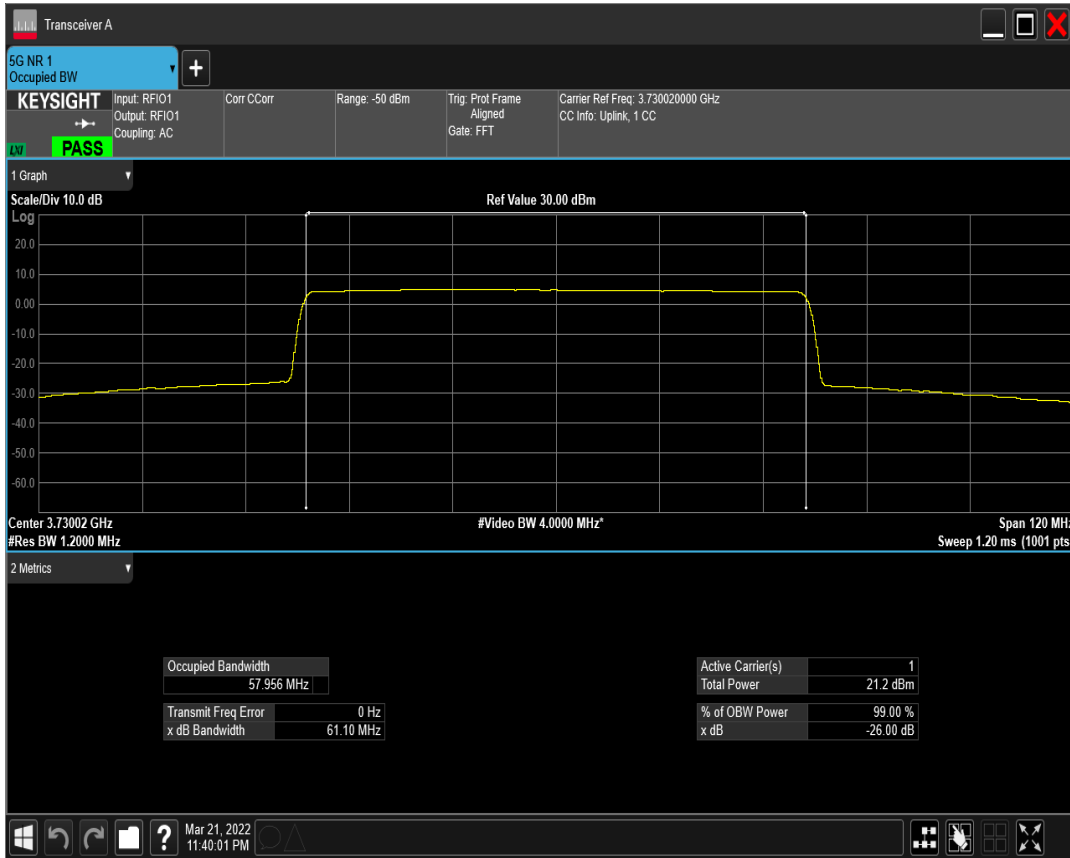
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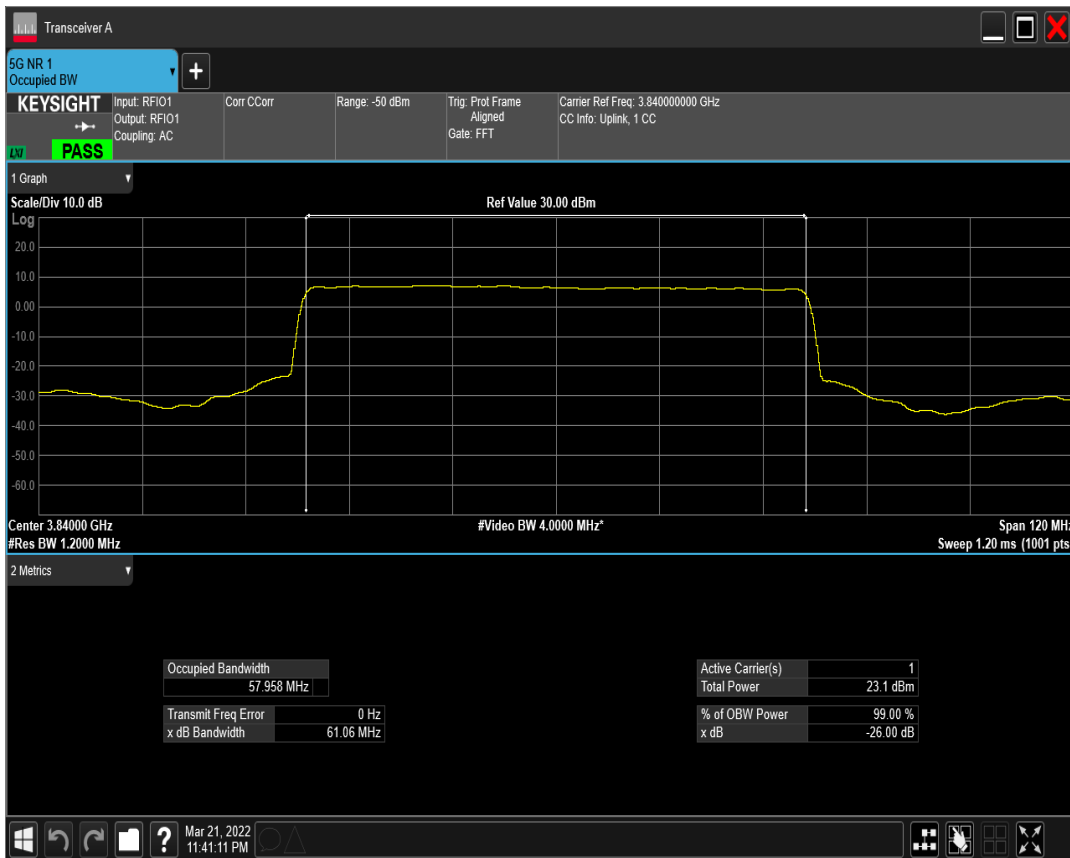
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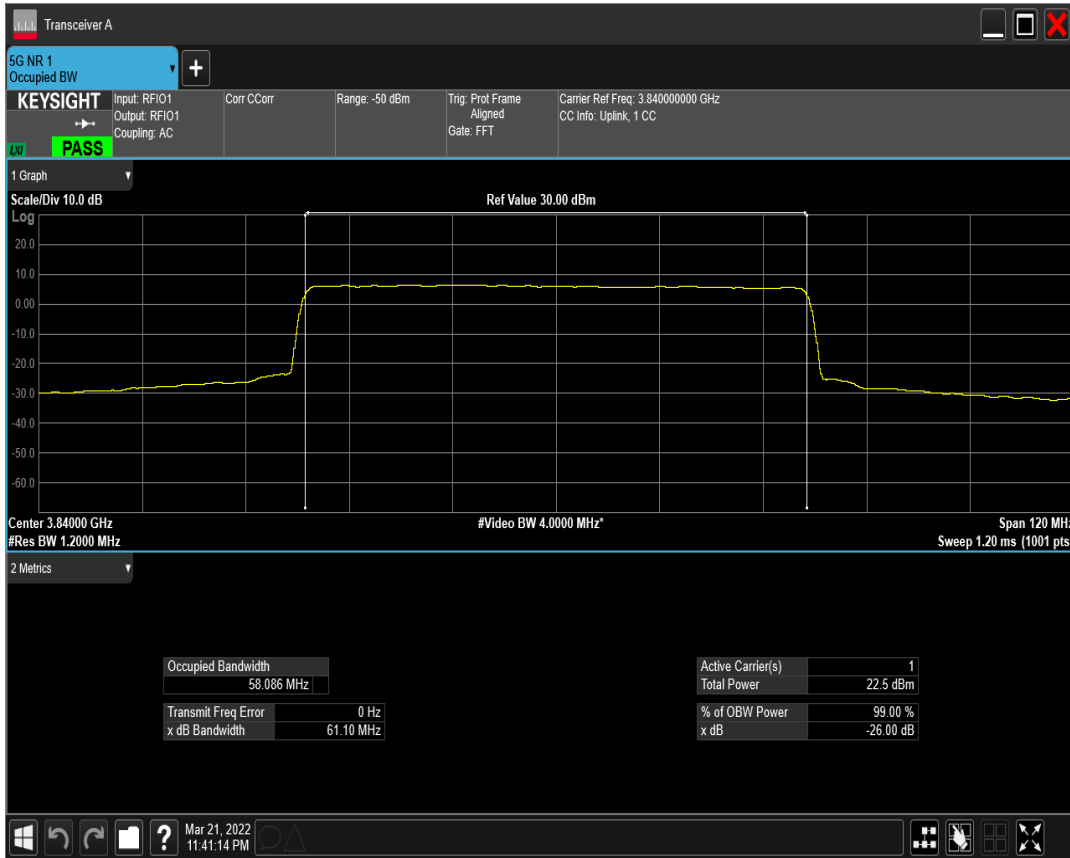
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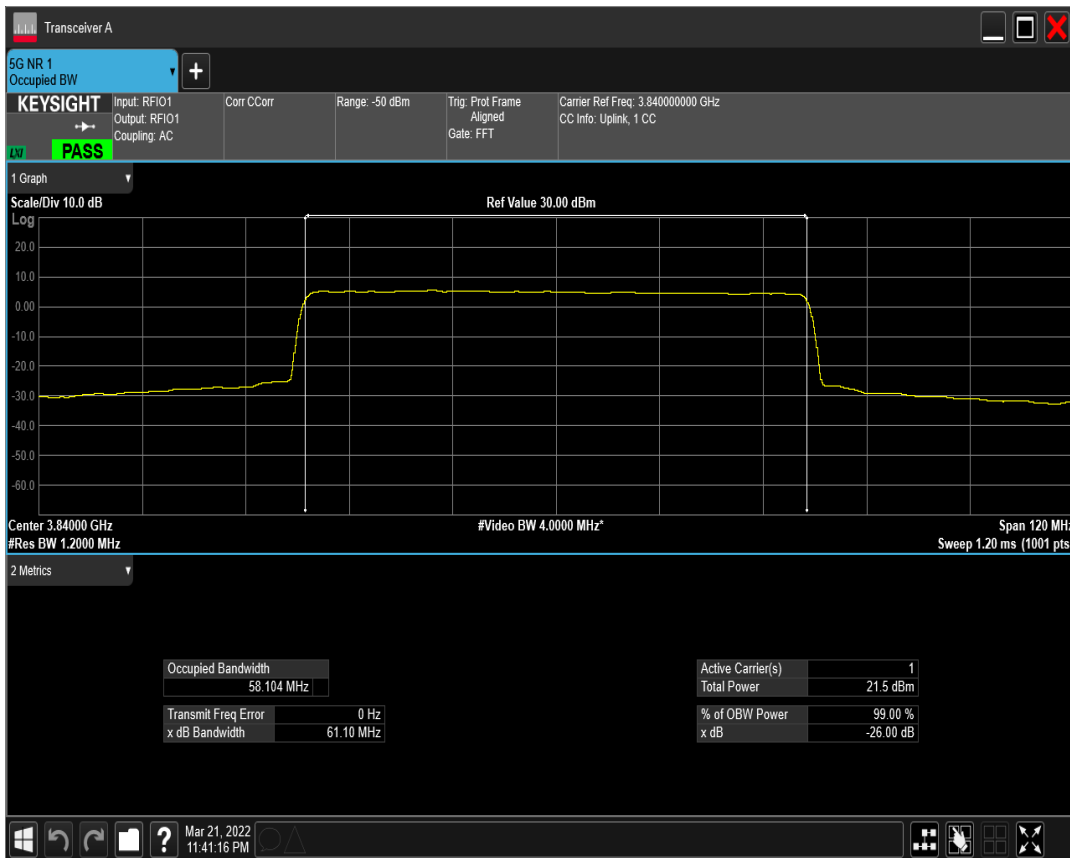
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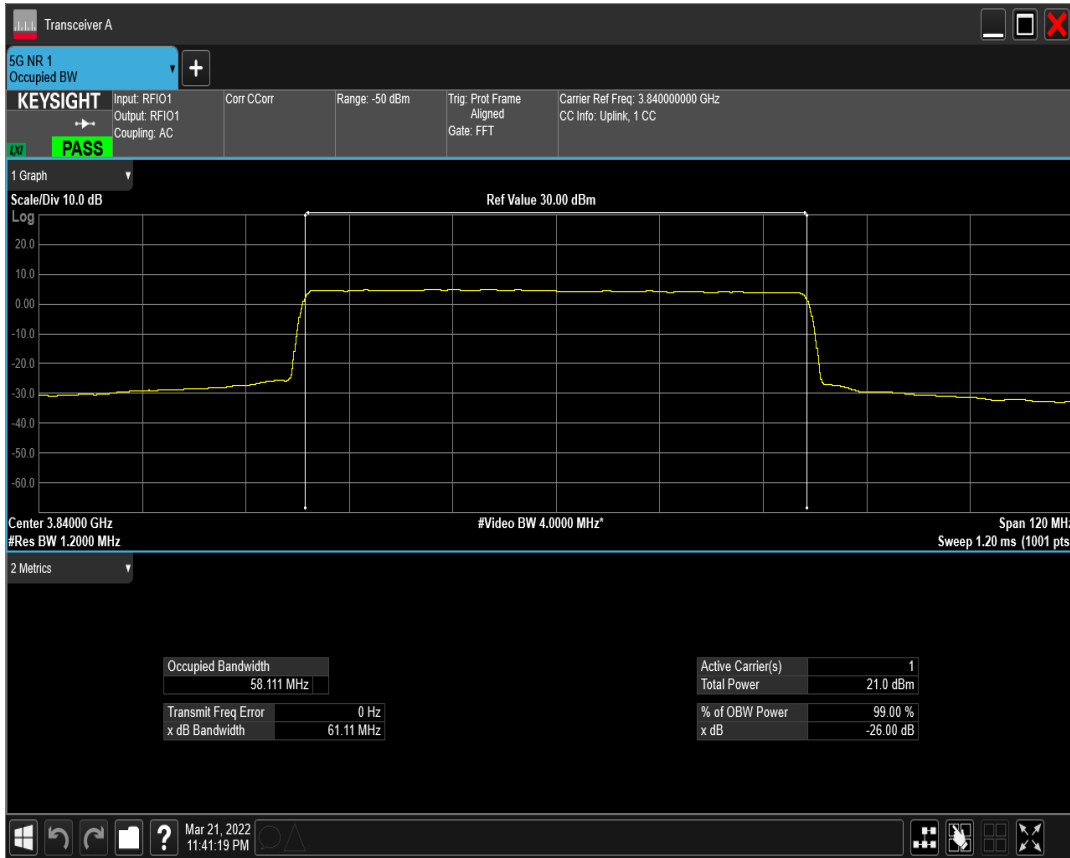
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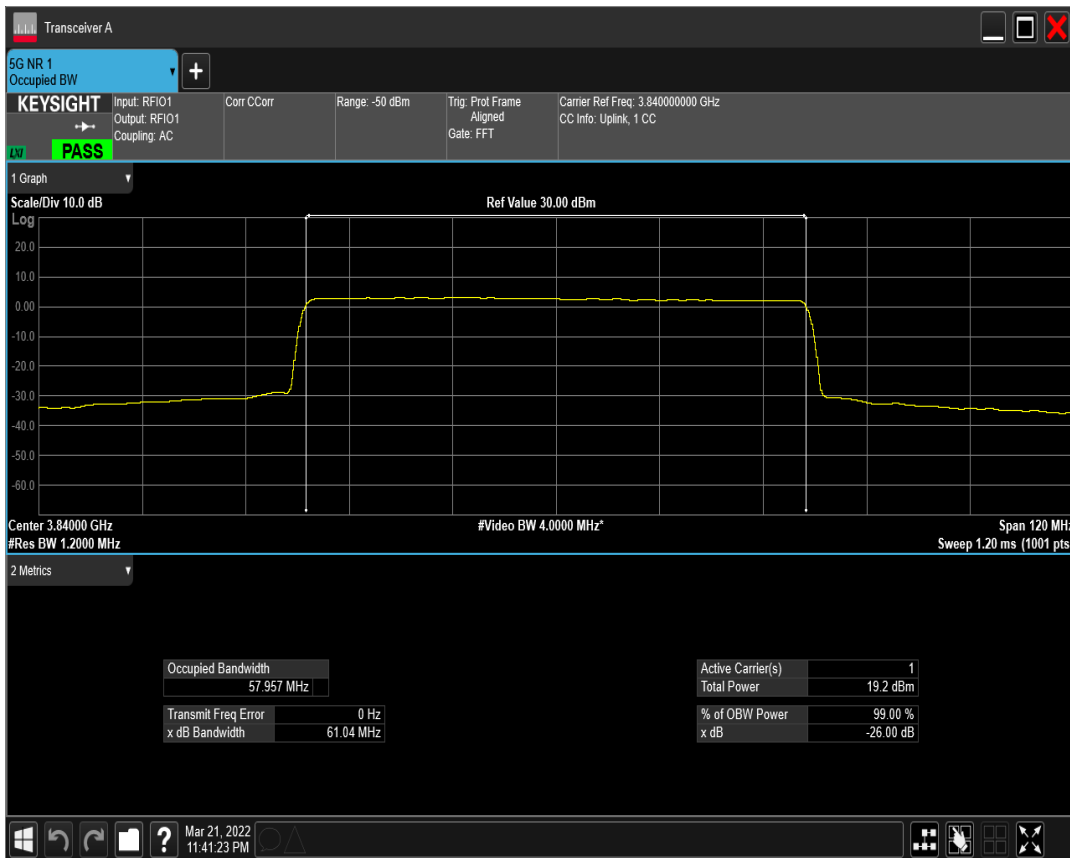
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=656000 RB=162@0

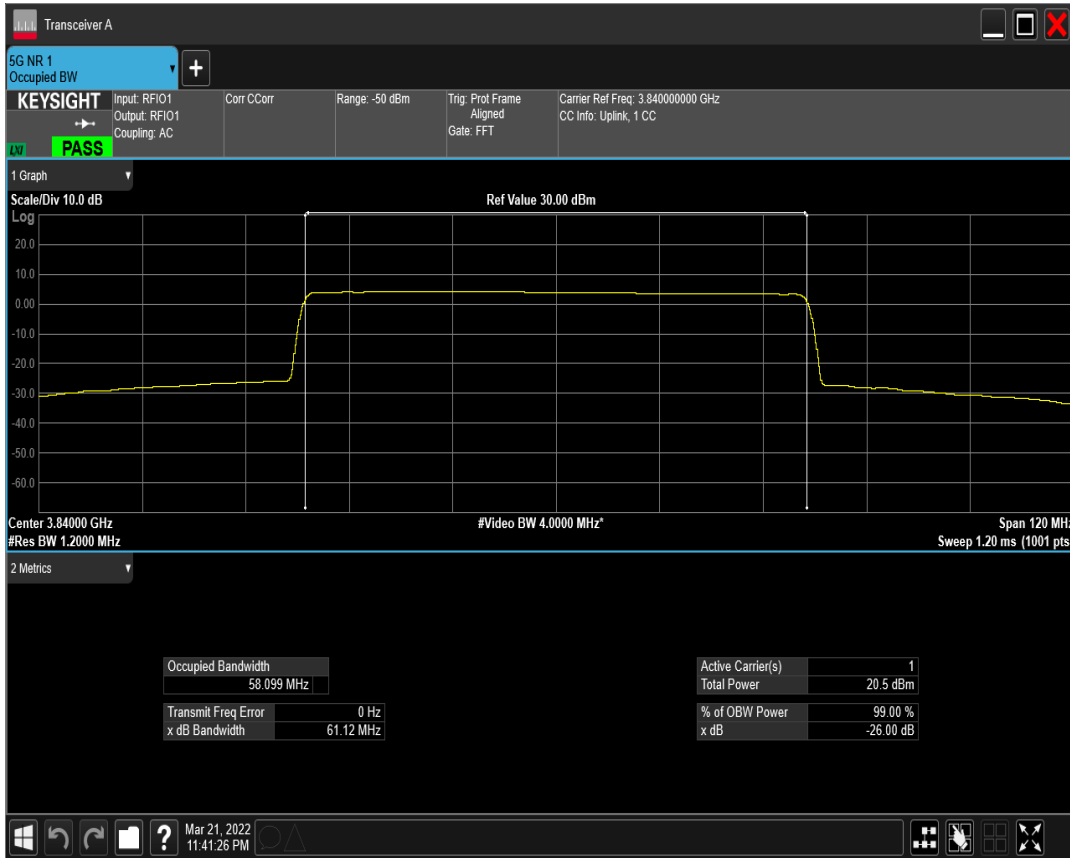


n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=656000 RB=162@0

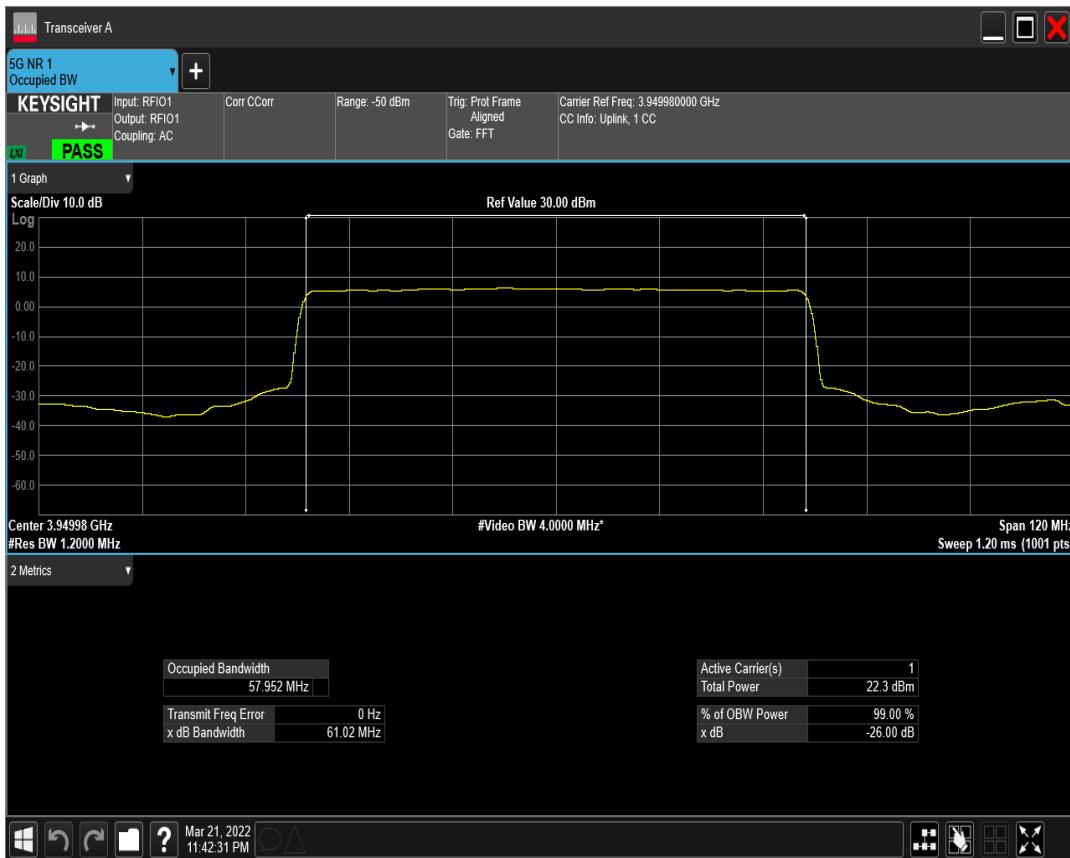


n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=656000 RB=162@0

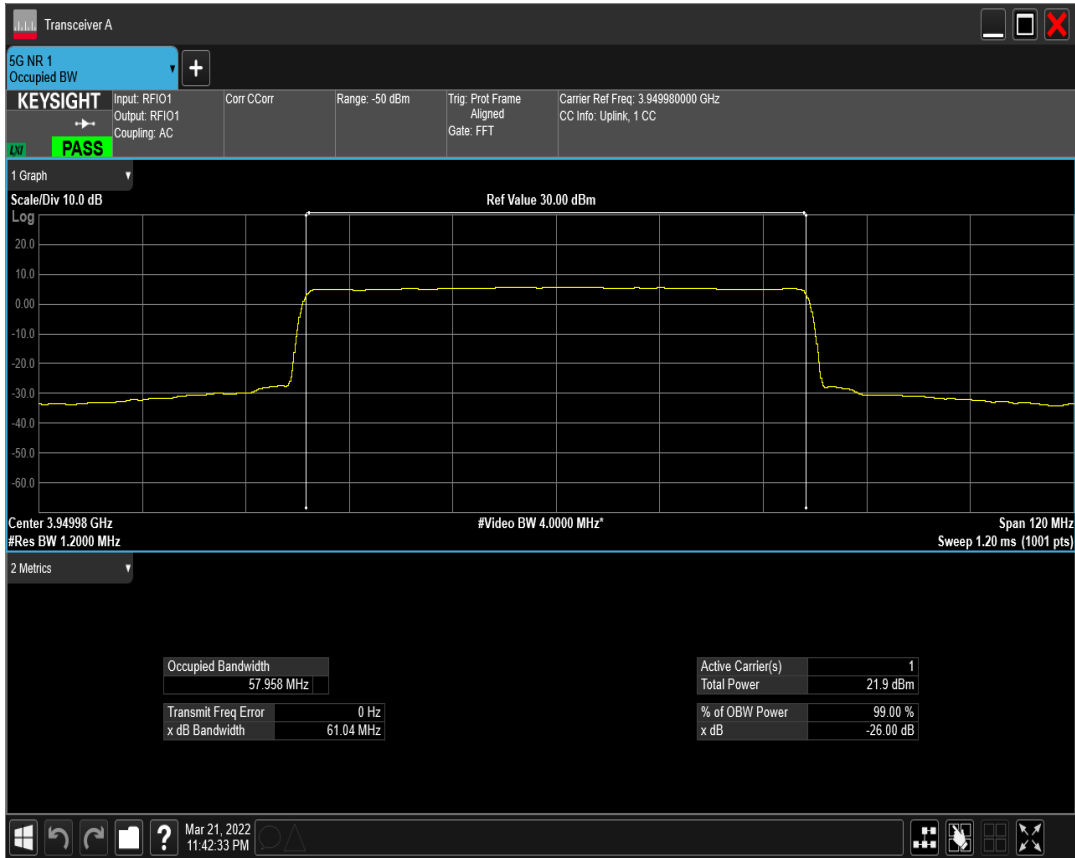




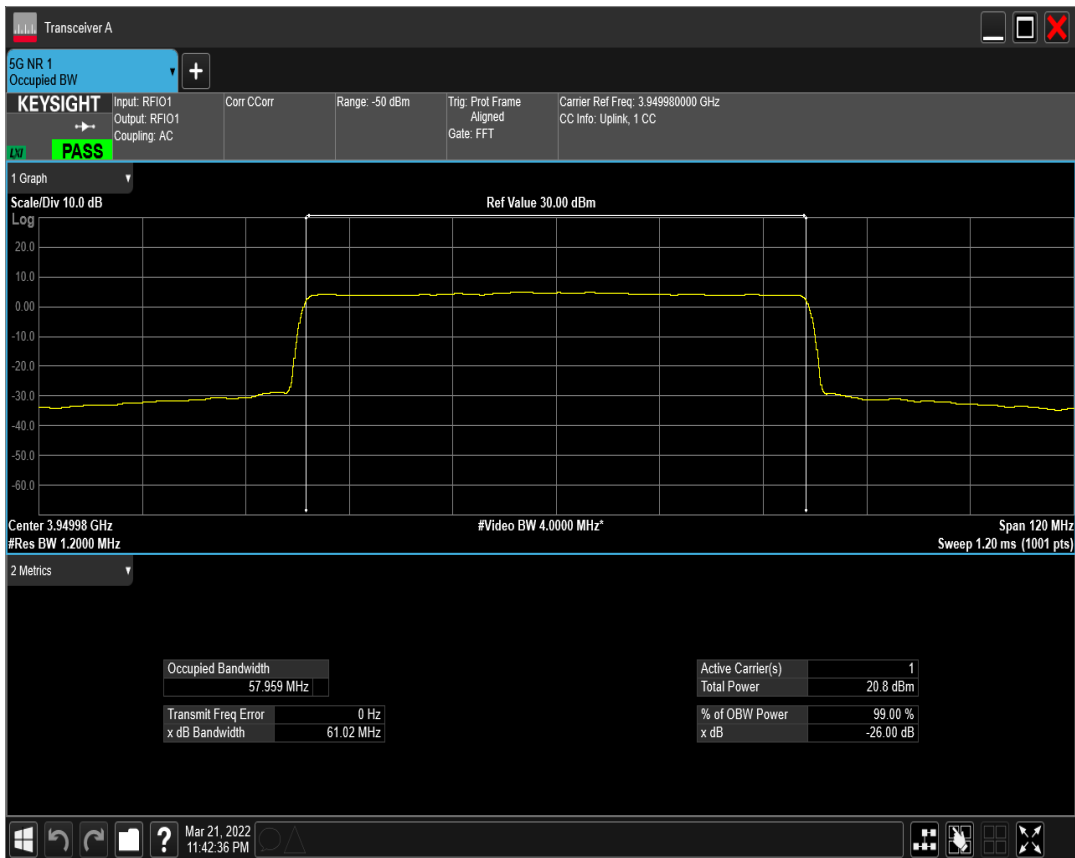
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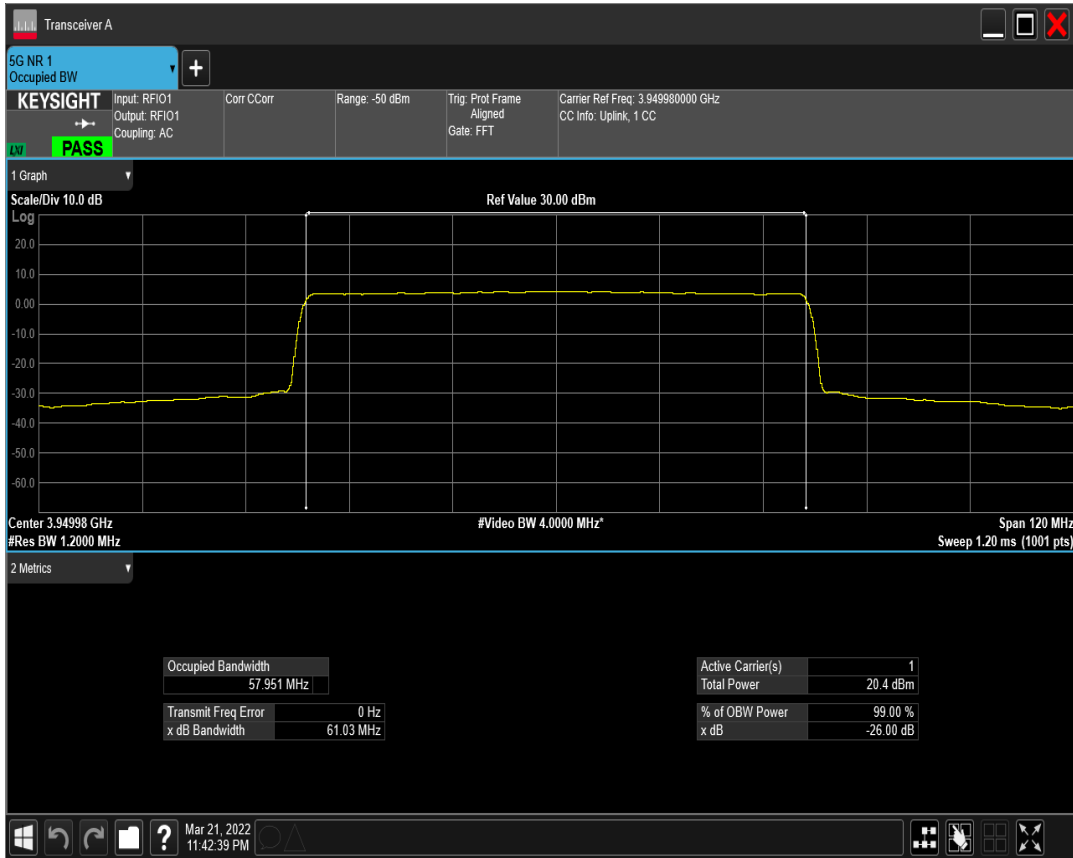
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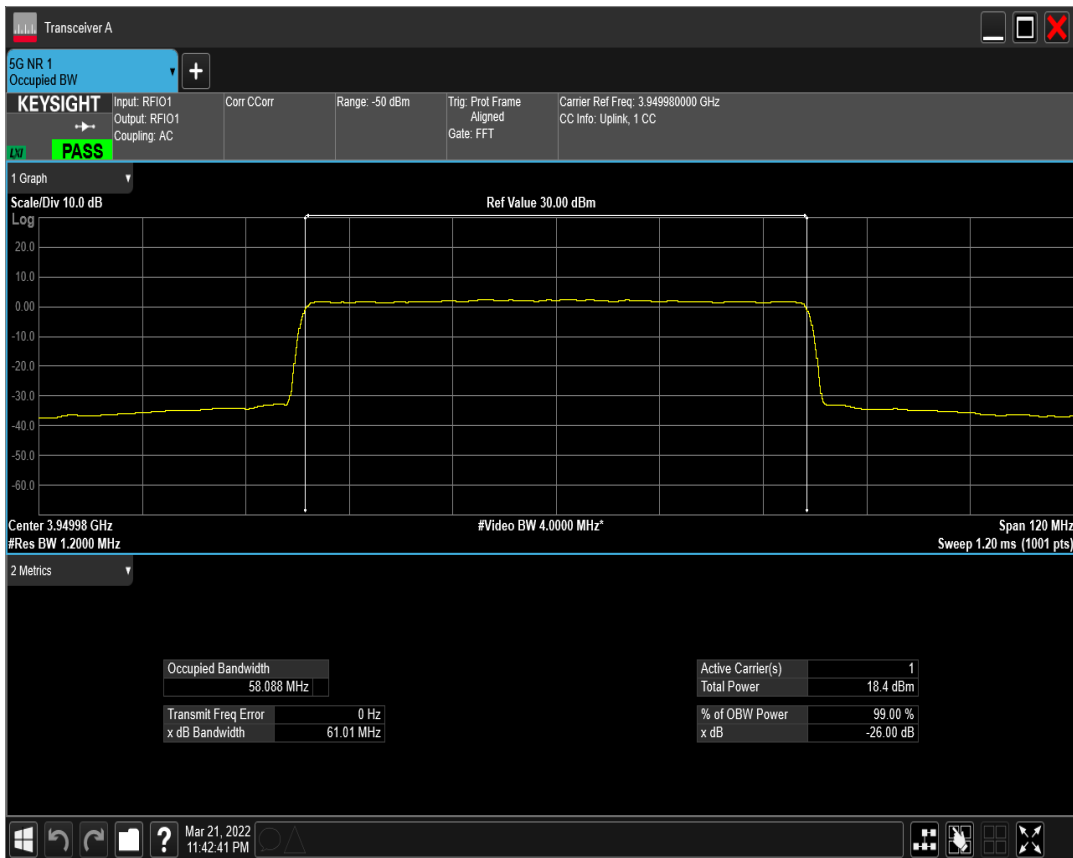
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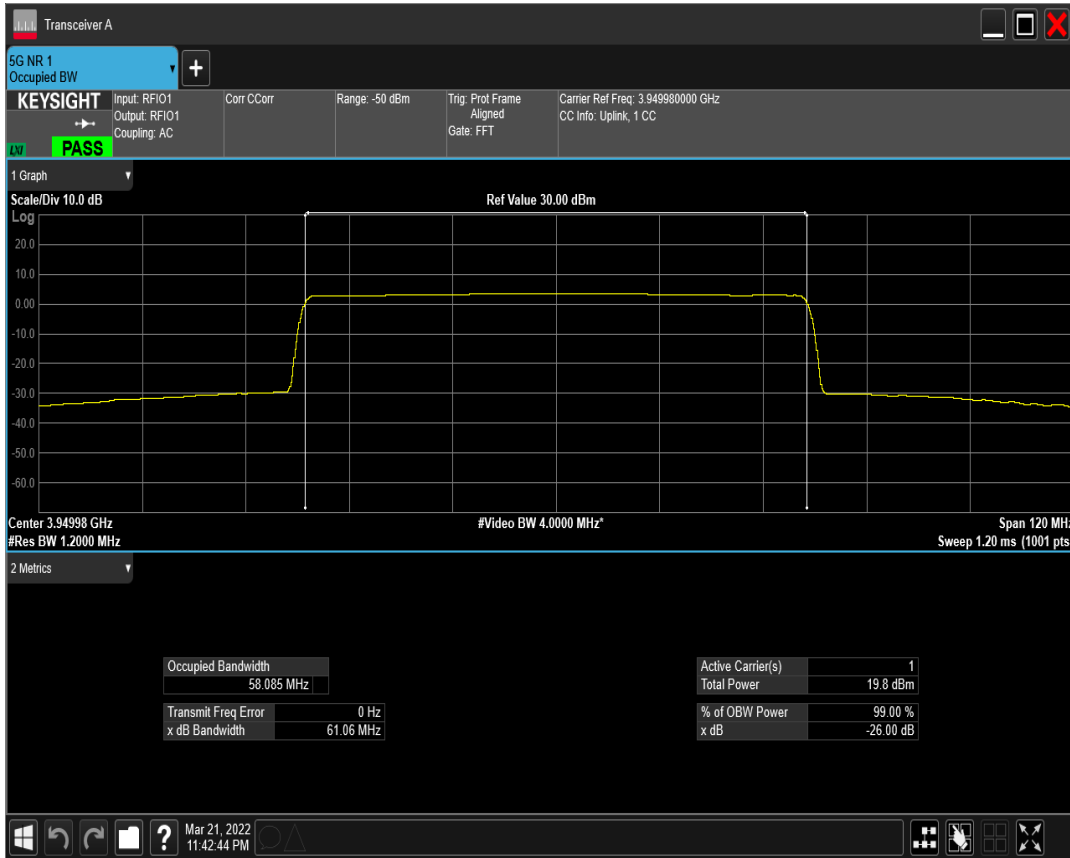
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=663332 RB=162@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=663332 RB=162@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=663332 RB=162@0



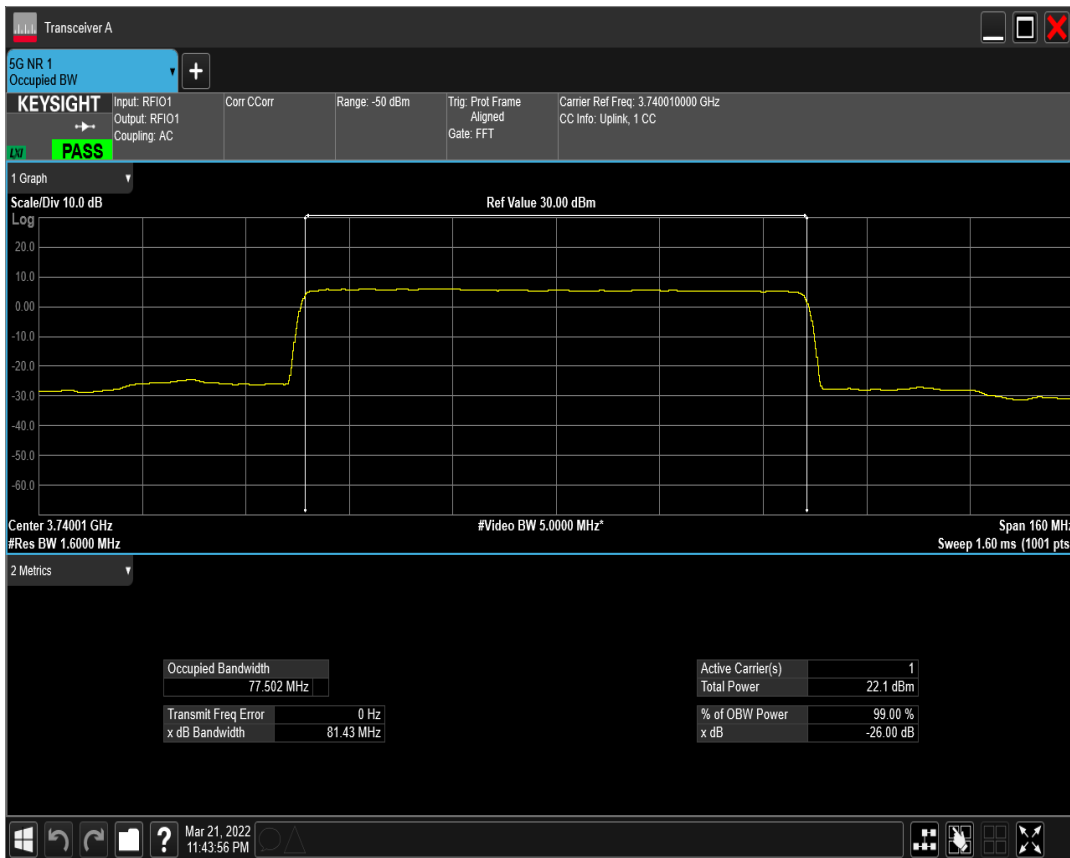
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=649334 RB=216@0



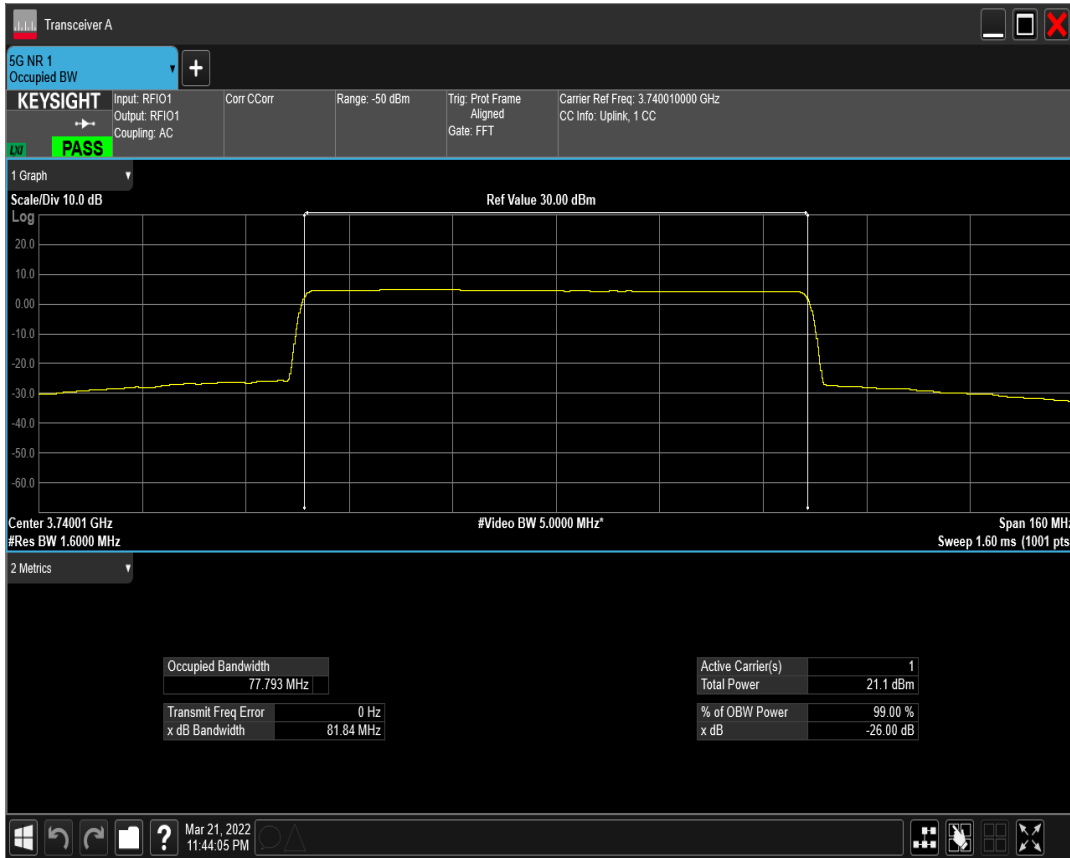
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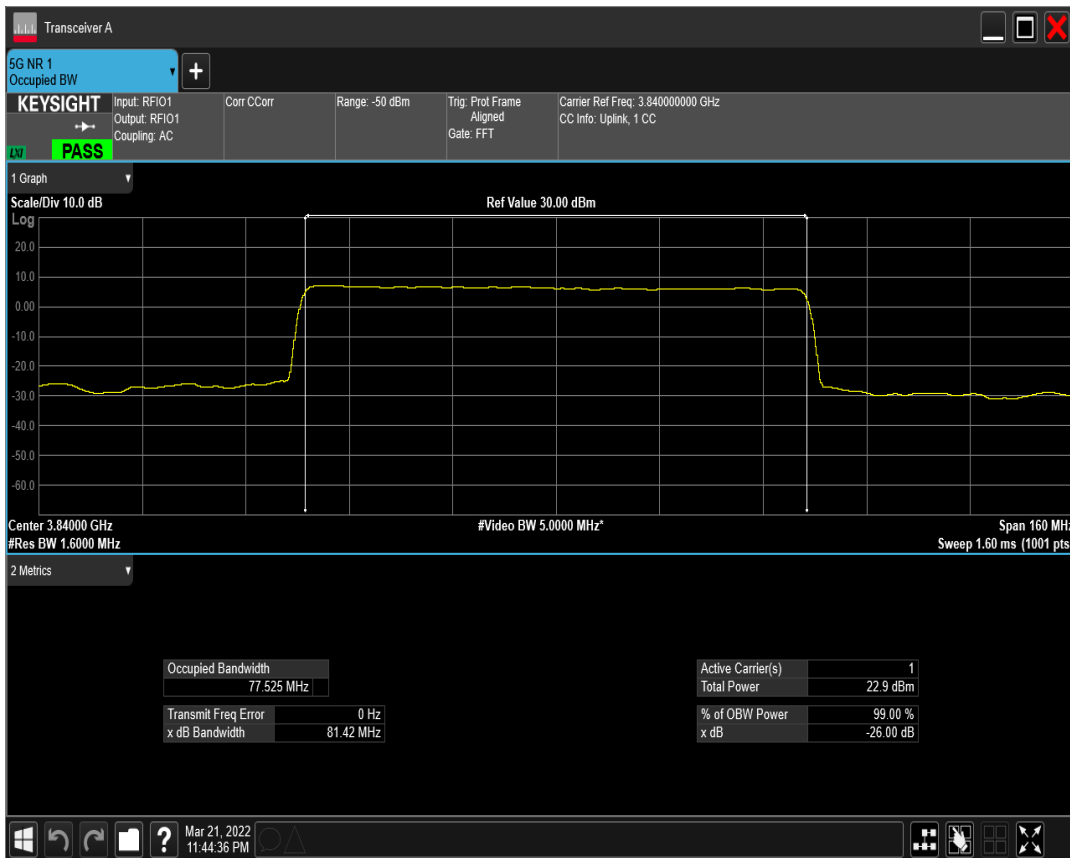
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=649334 RB=217@0



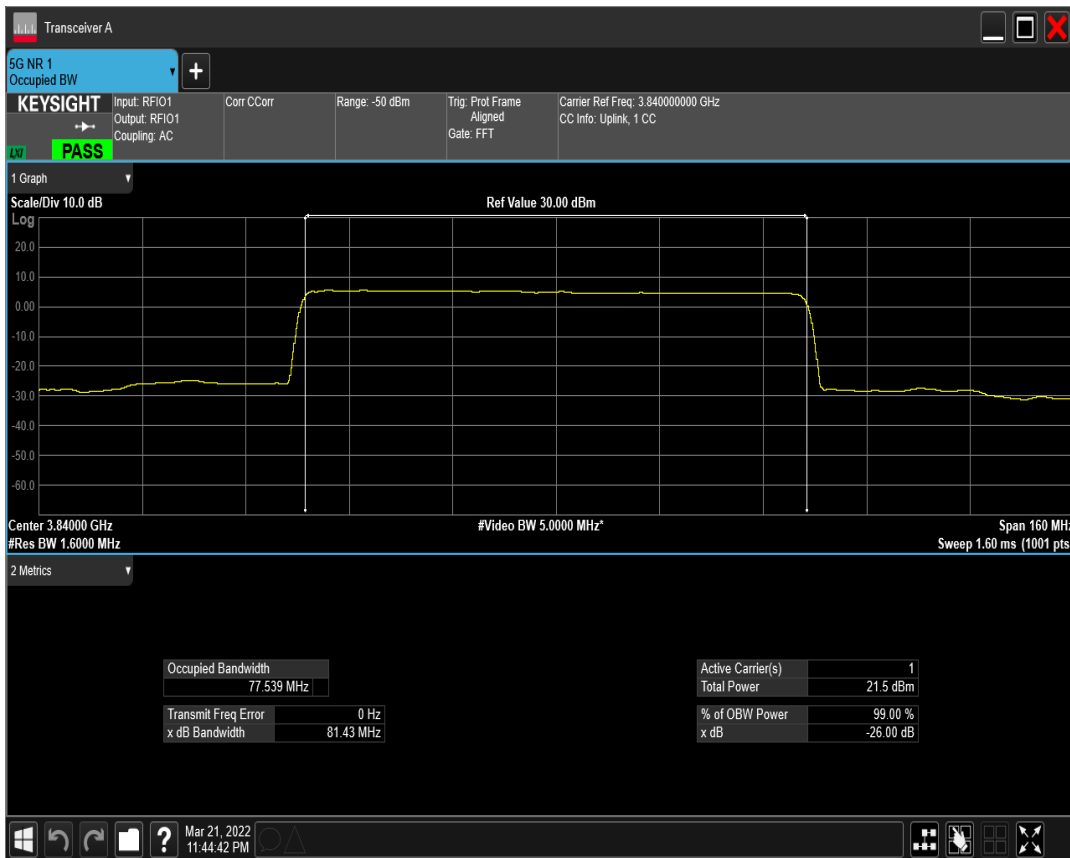
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=656000 RB=216@0

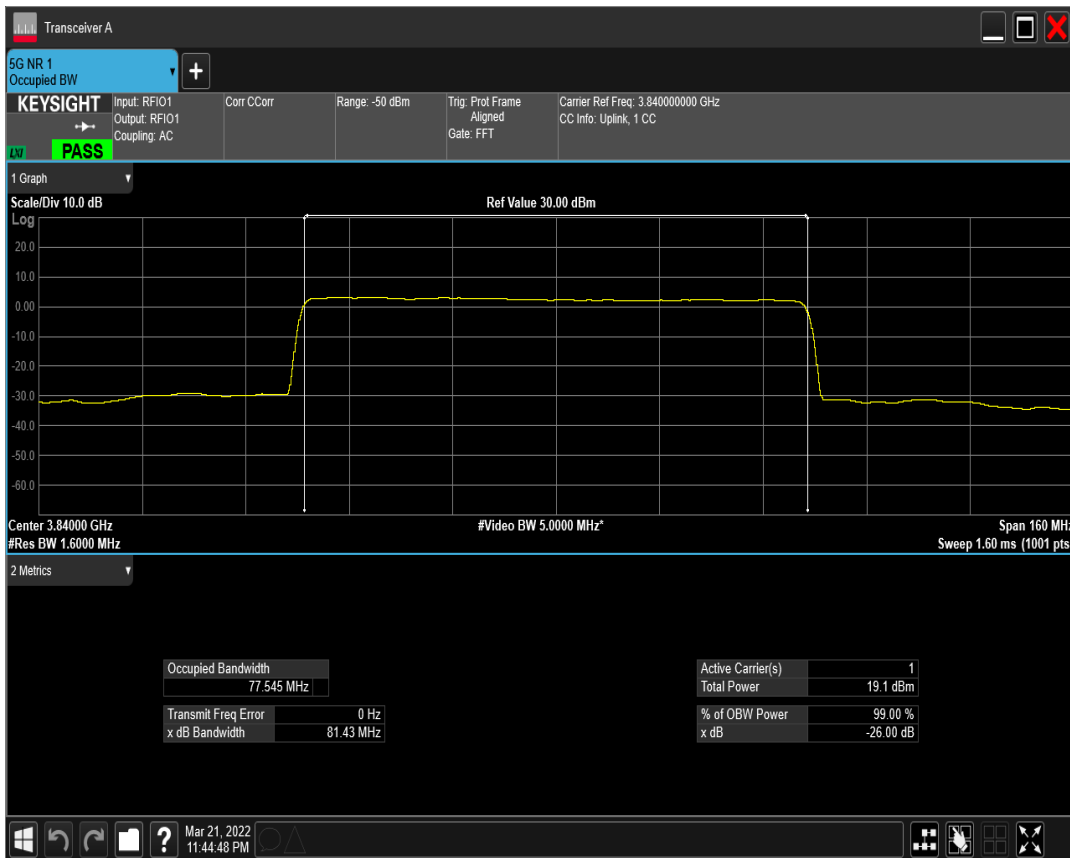


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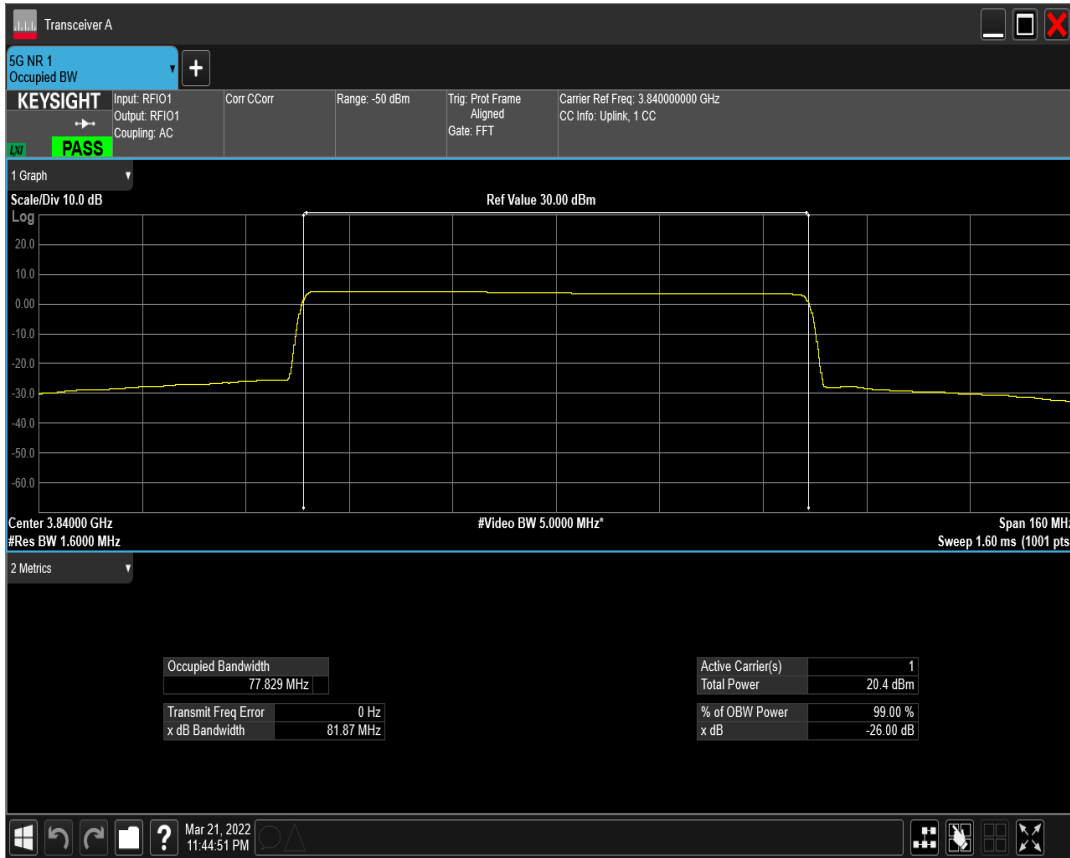




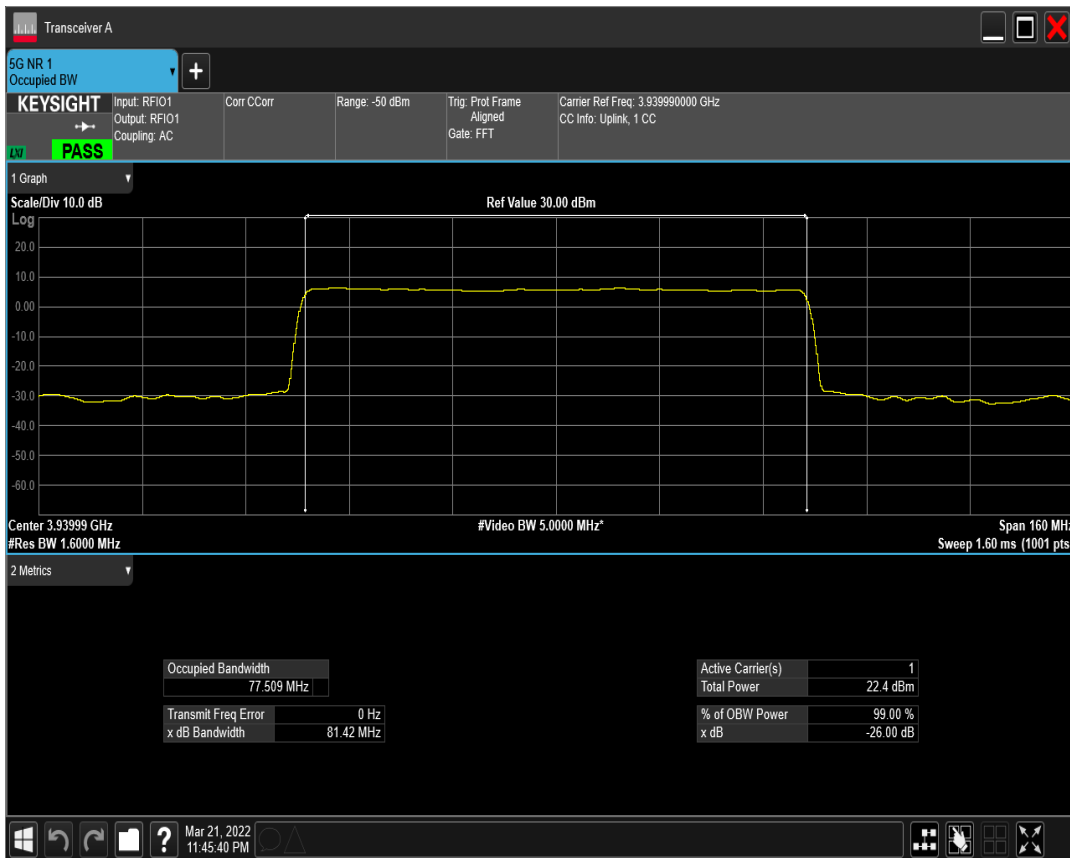
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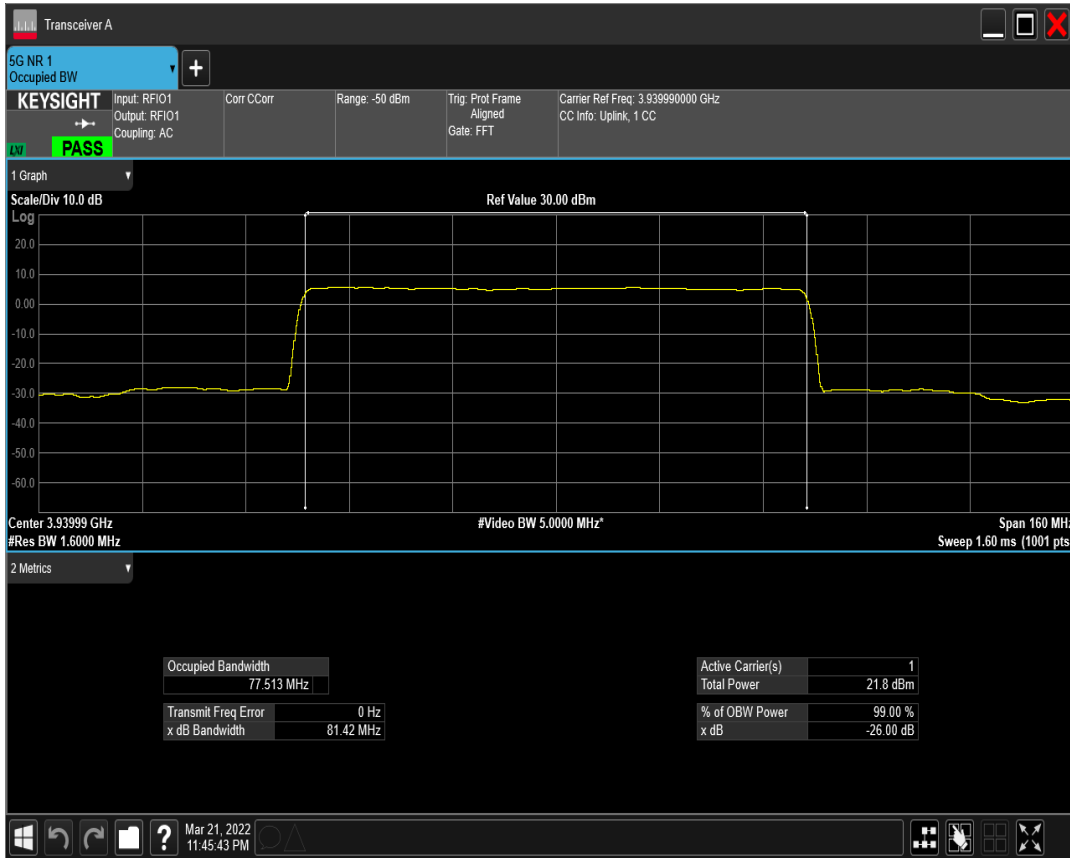
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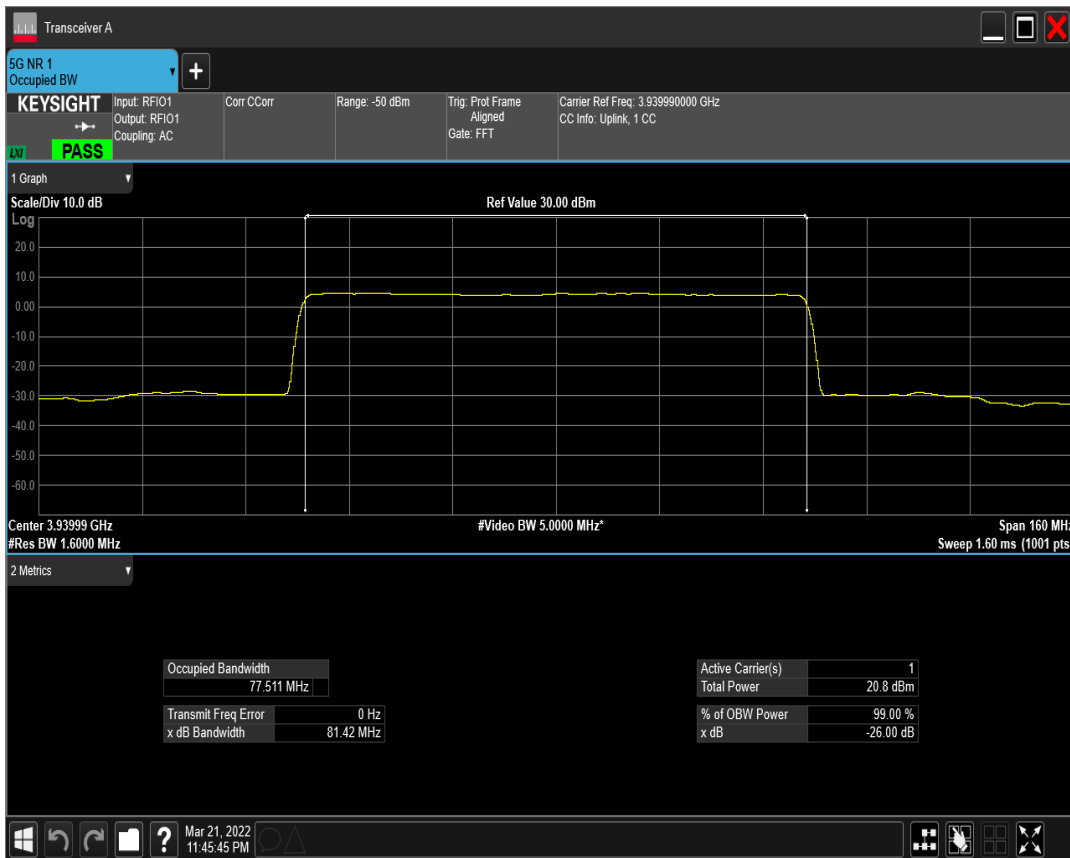
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=662666 RB=216@0



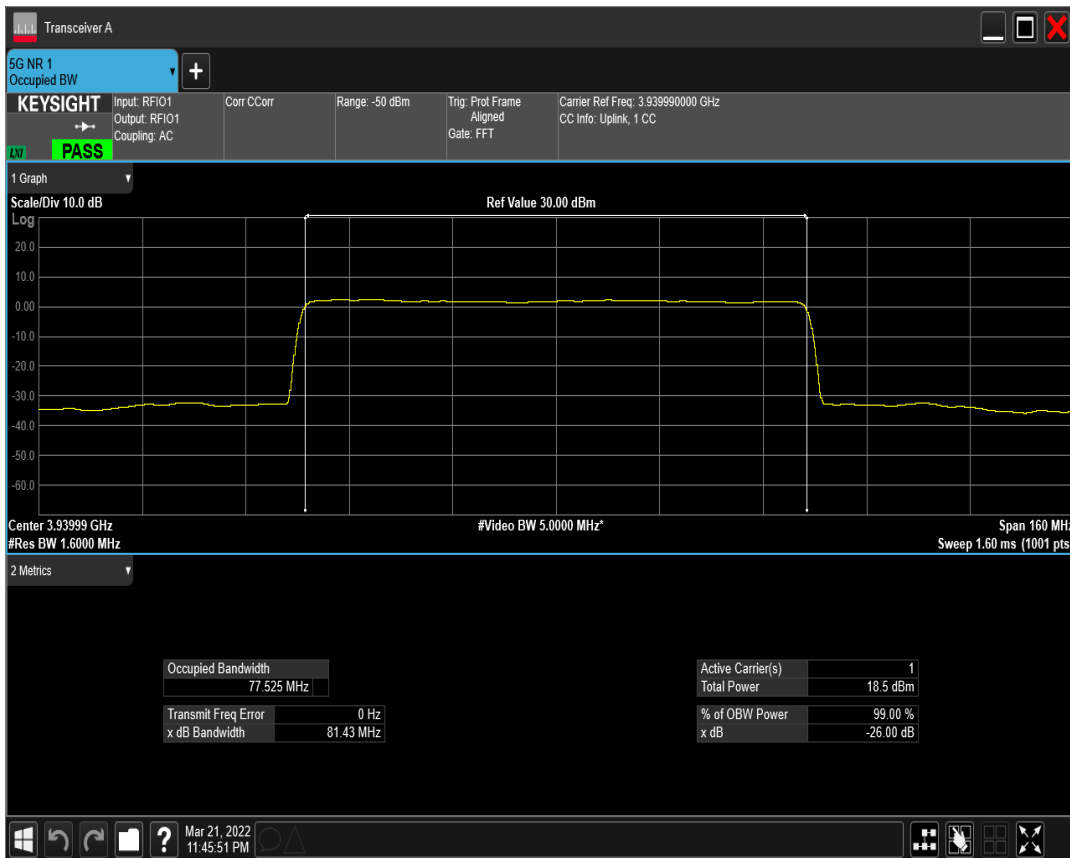
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=662666 RB=216@0



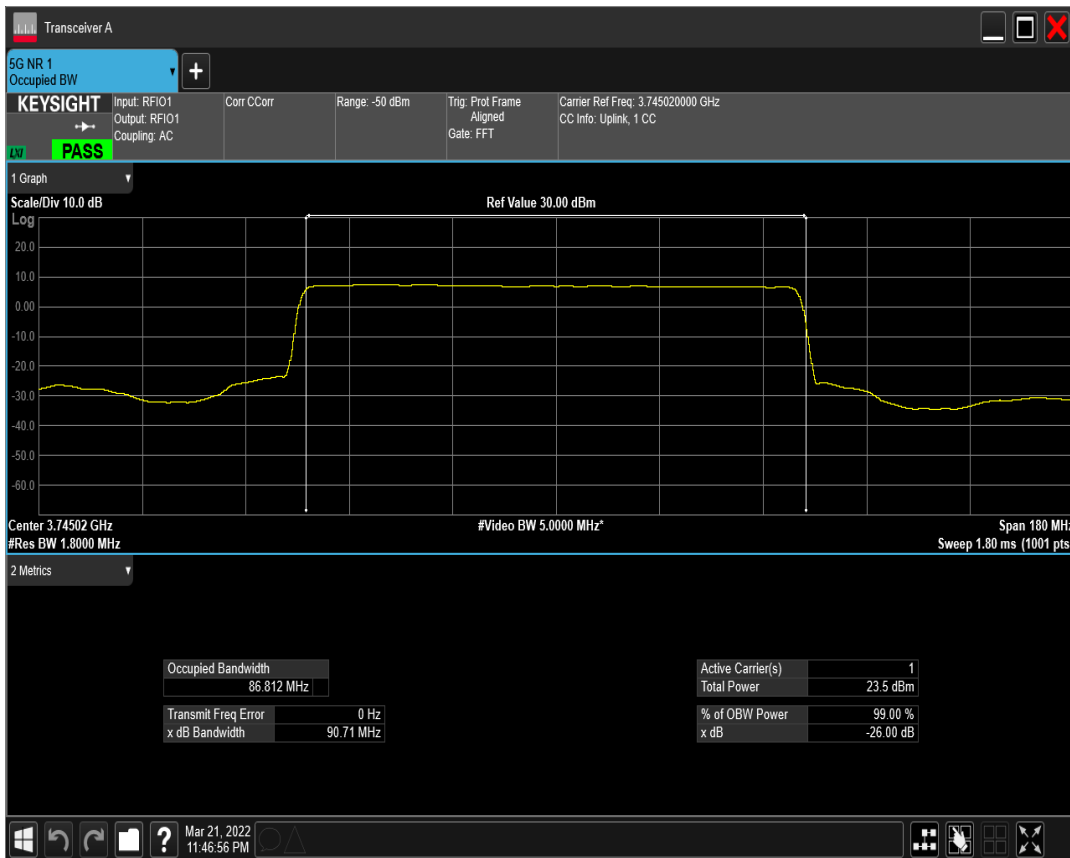
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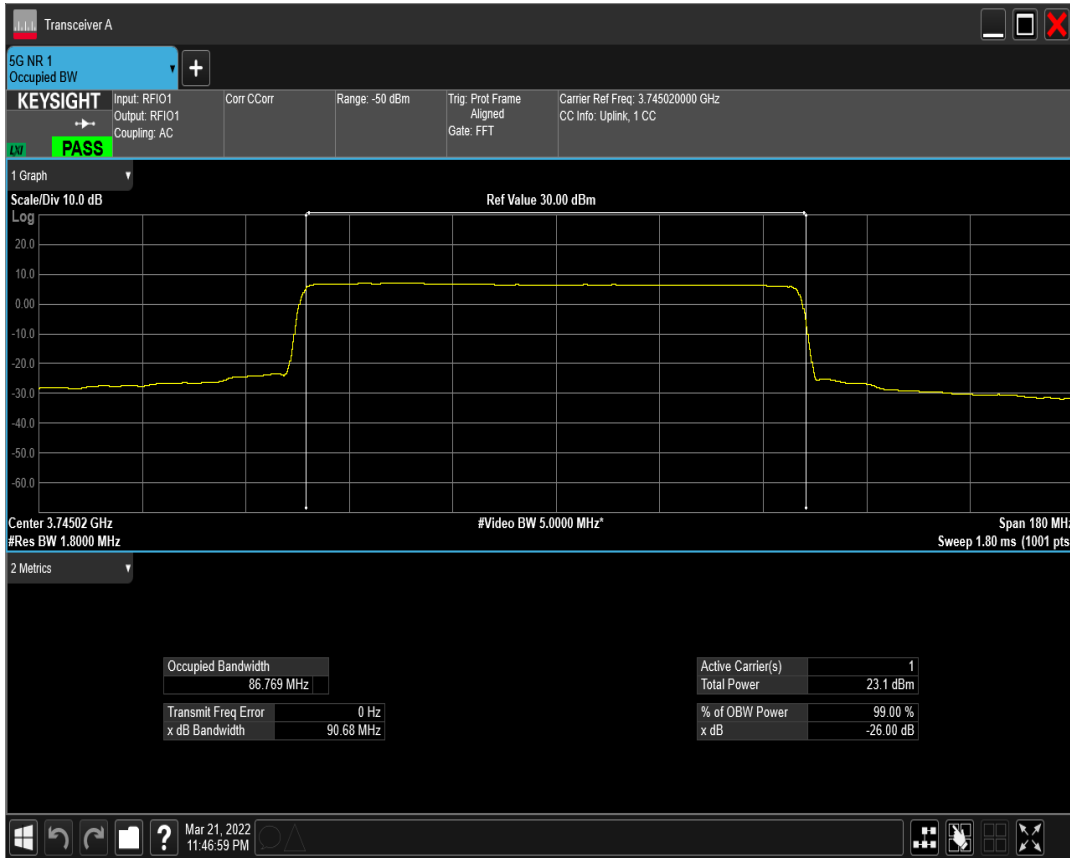
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=662666 RB=217@0



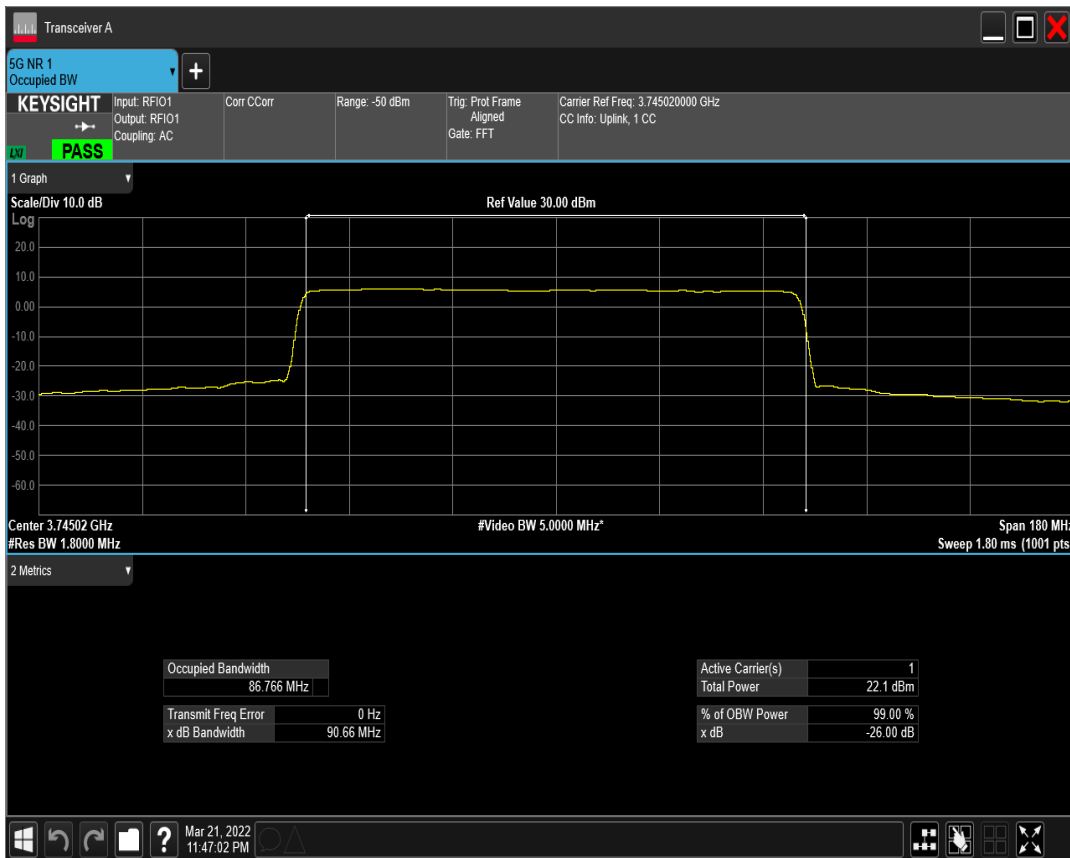
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=649668 RB=240@0



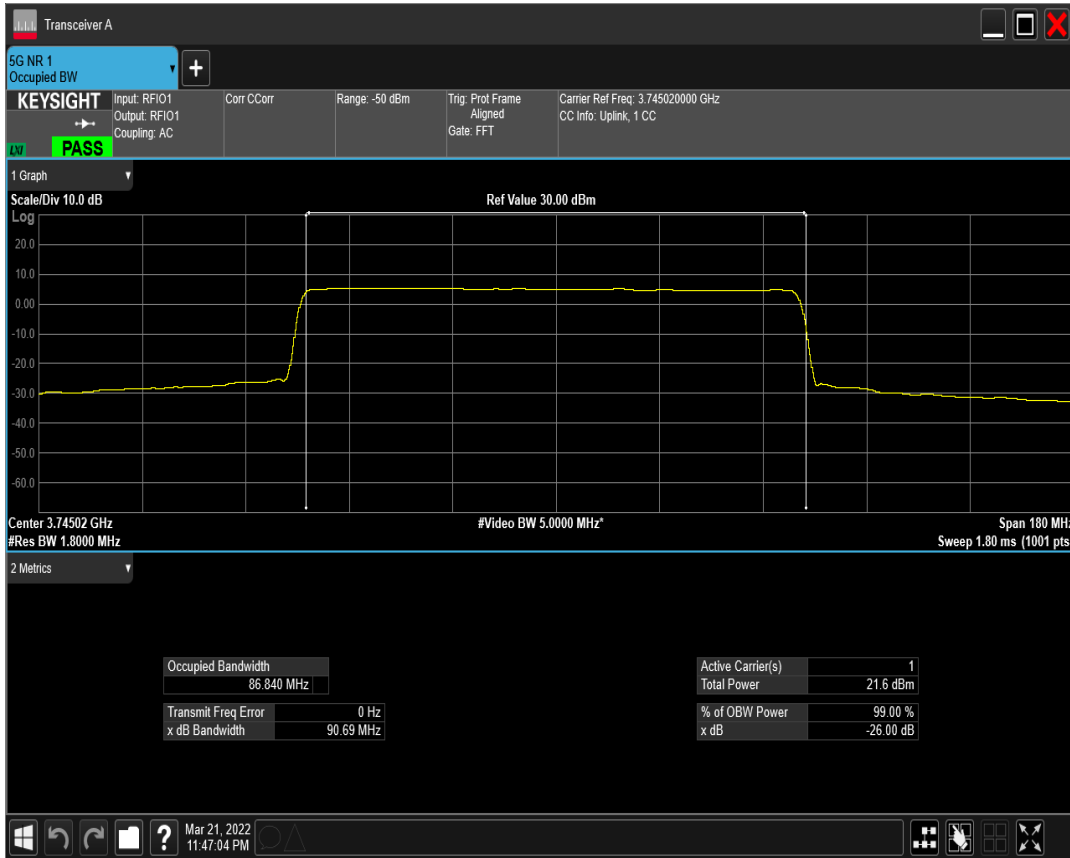
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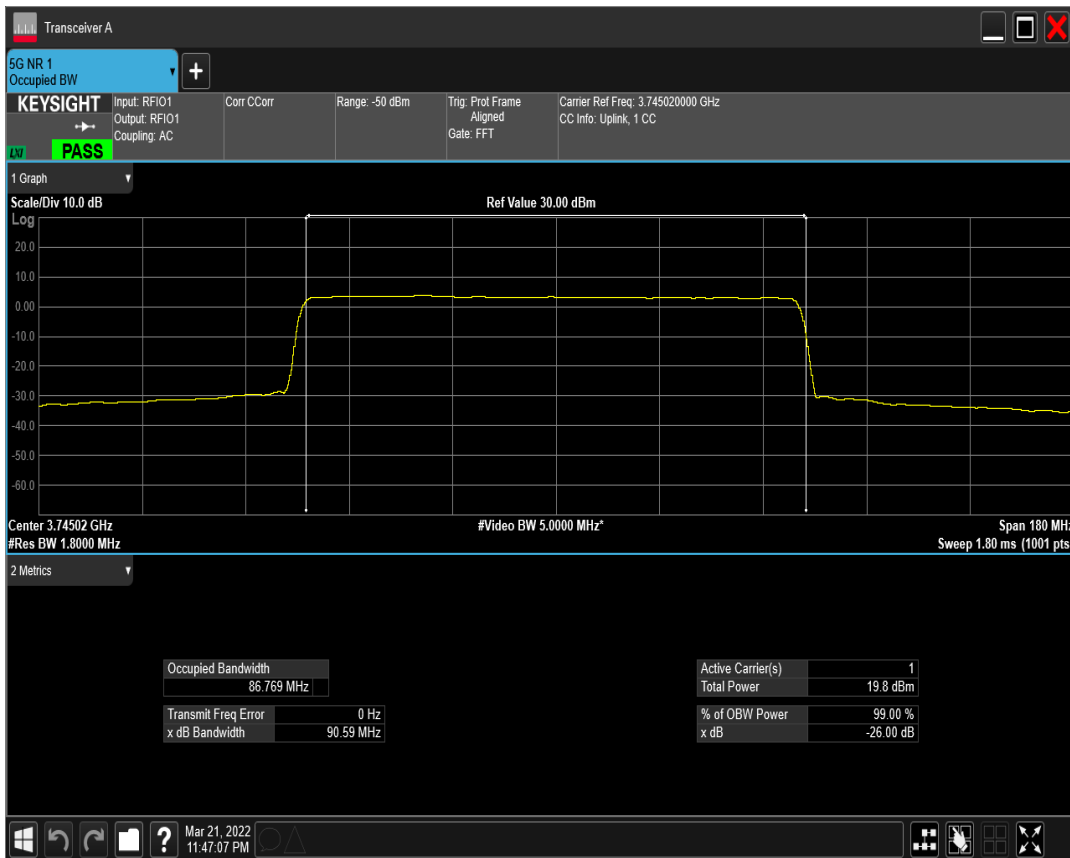
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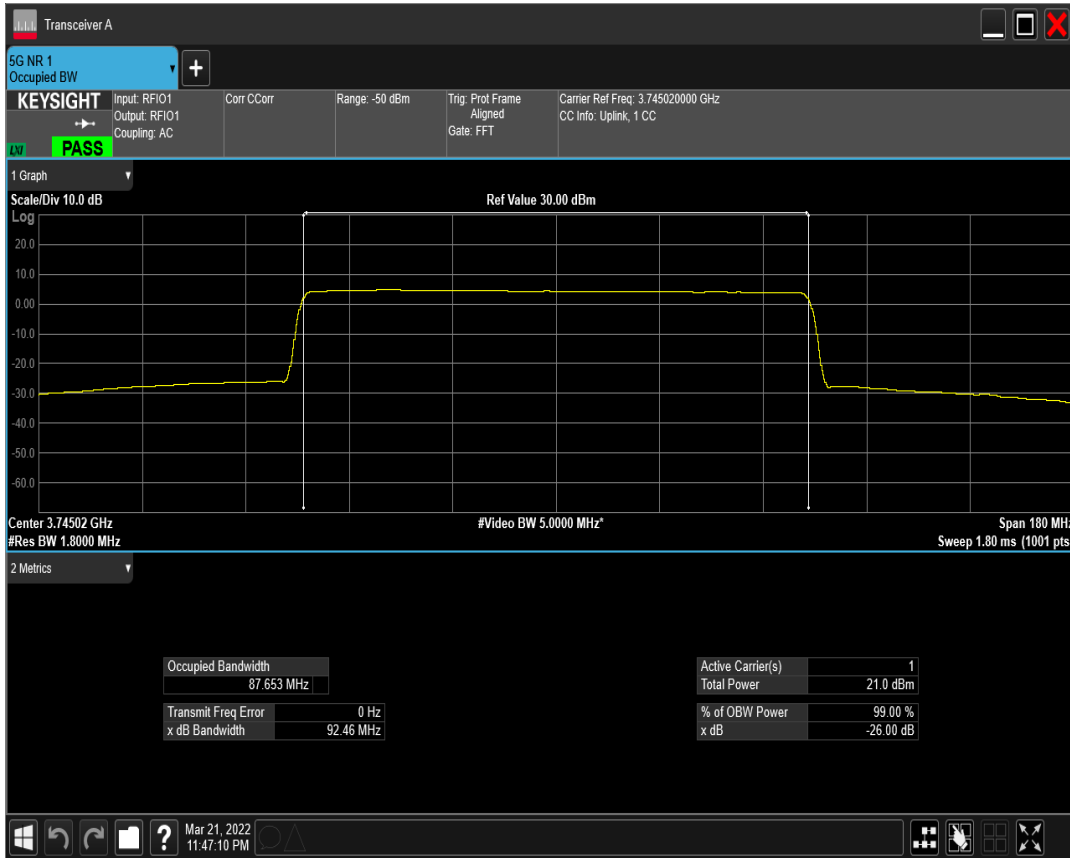
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=649668 RB=240@0



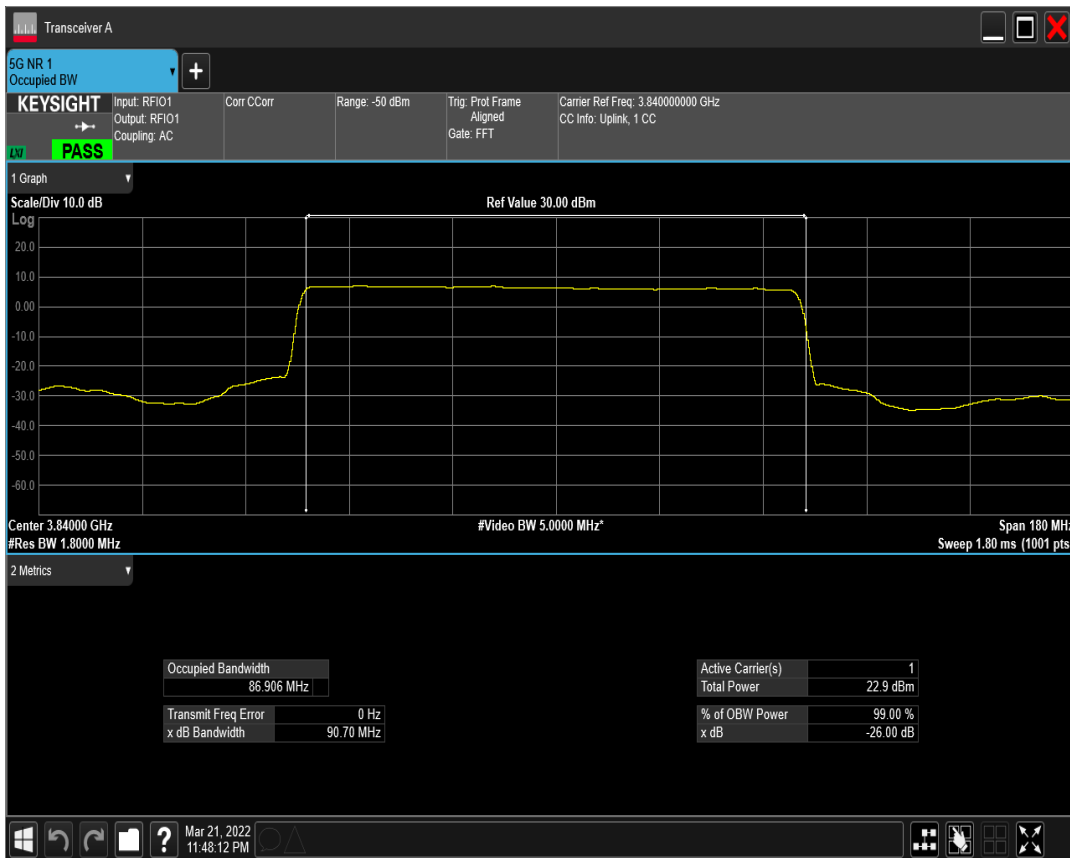
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=649668 RB=240@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=649668 RB=245@0

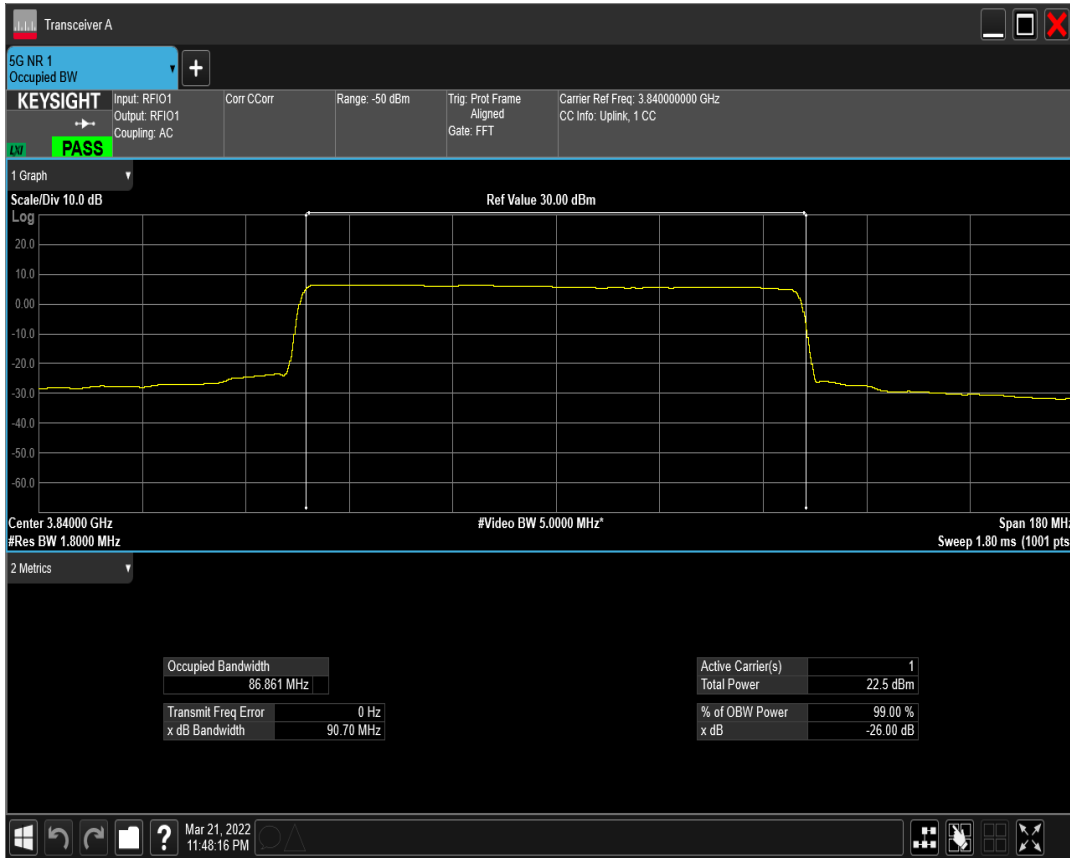


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=656000 RB=240@0

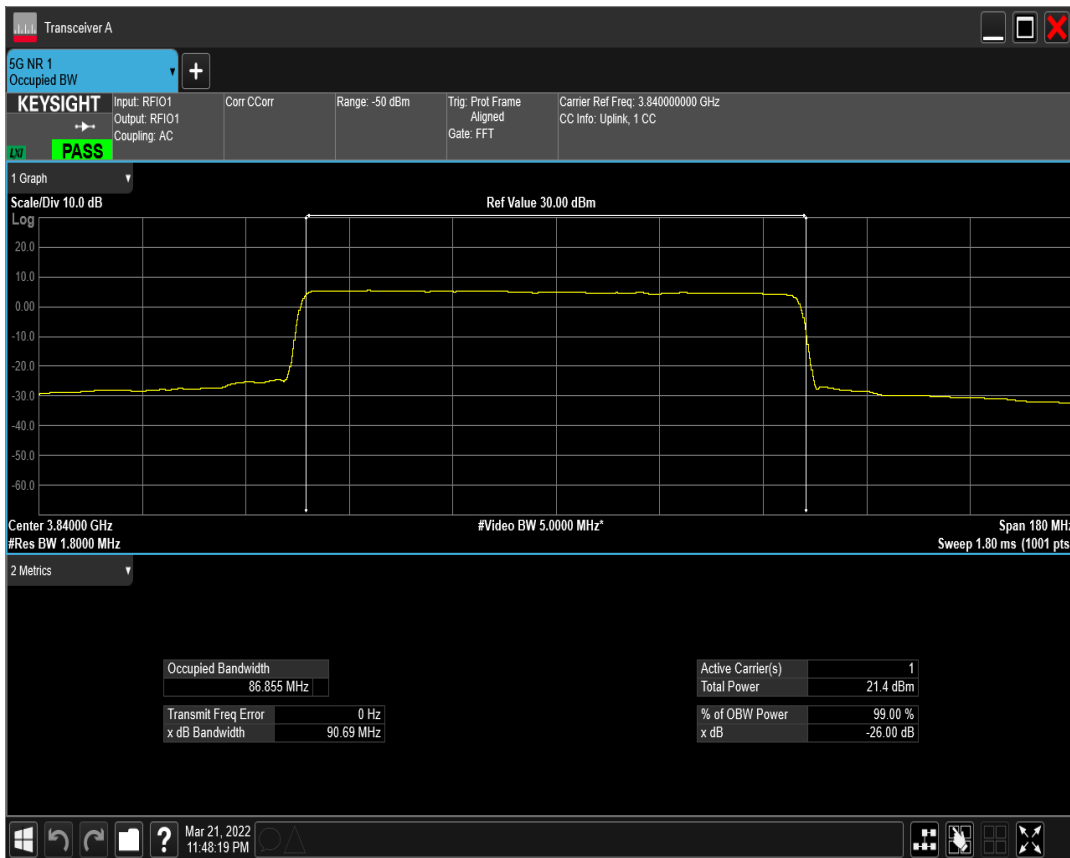


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0





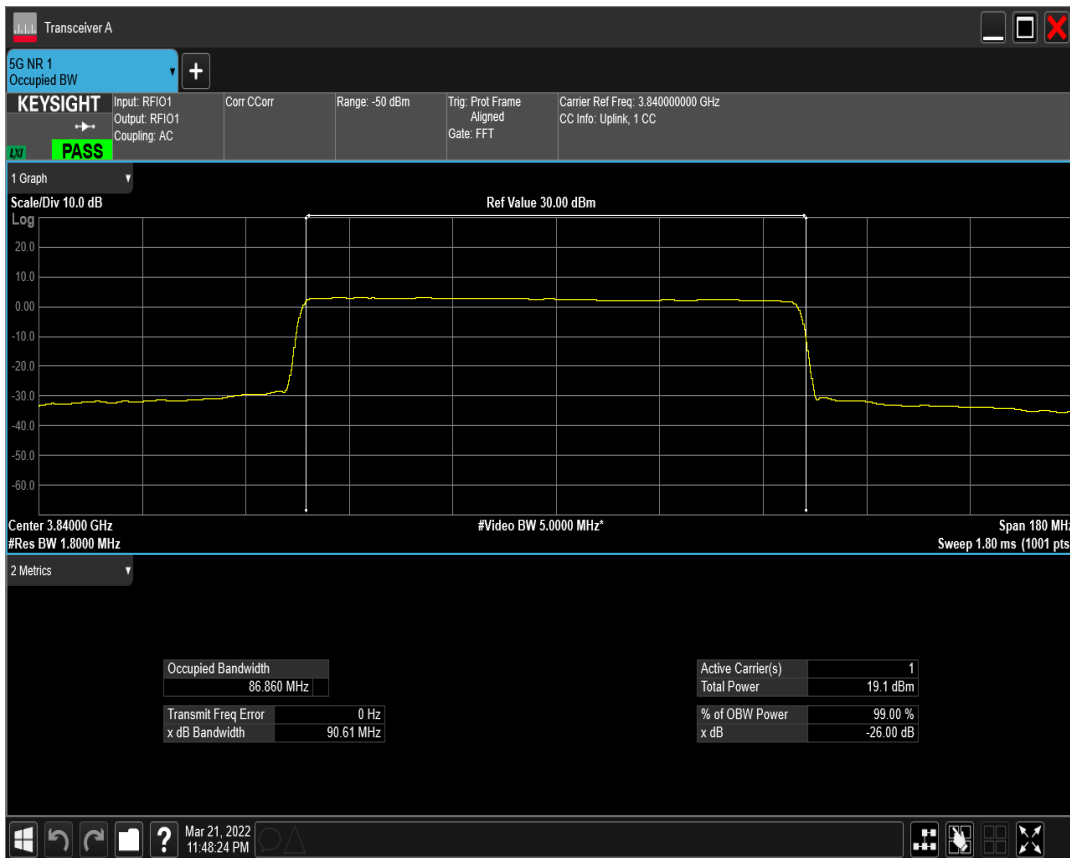
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0



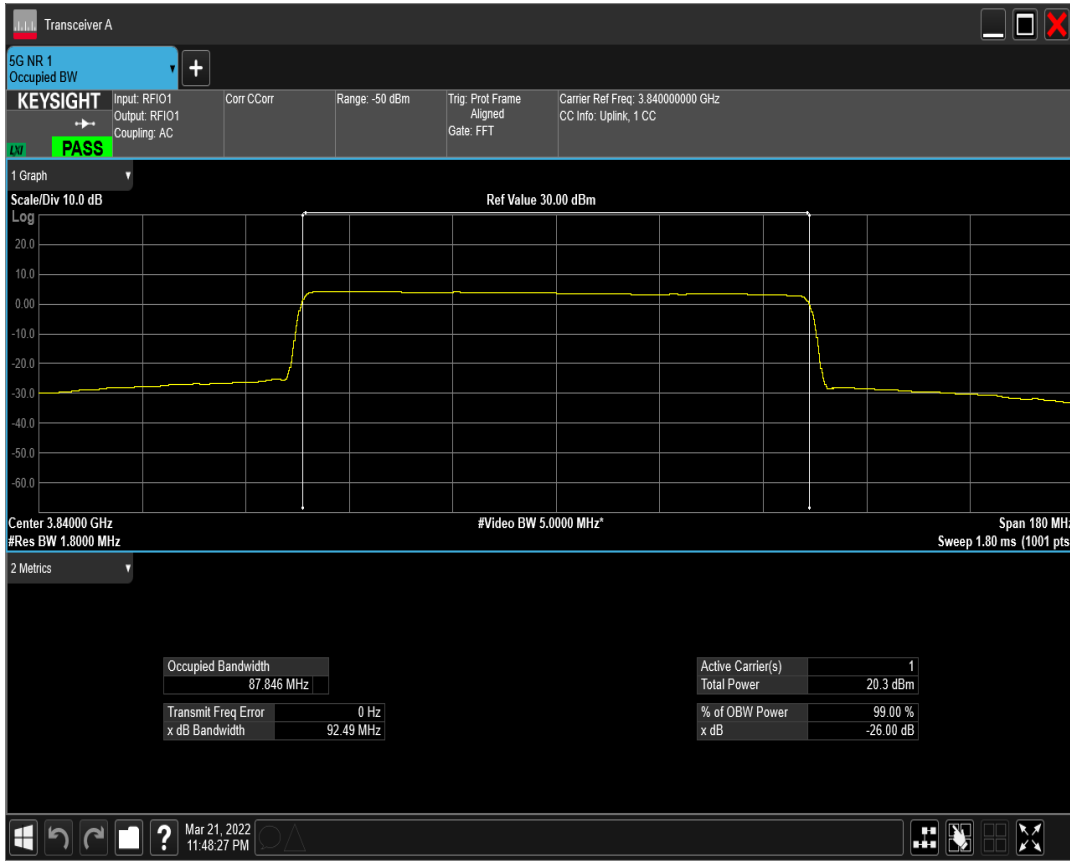
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0



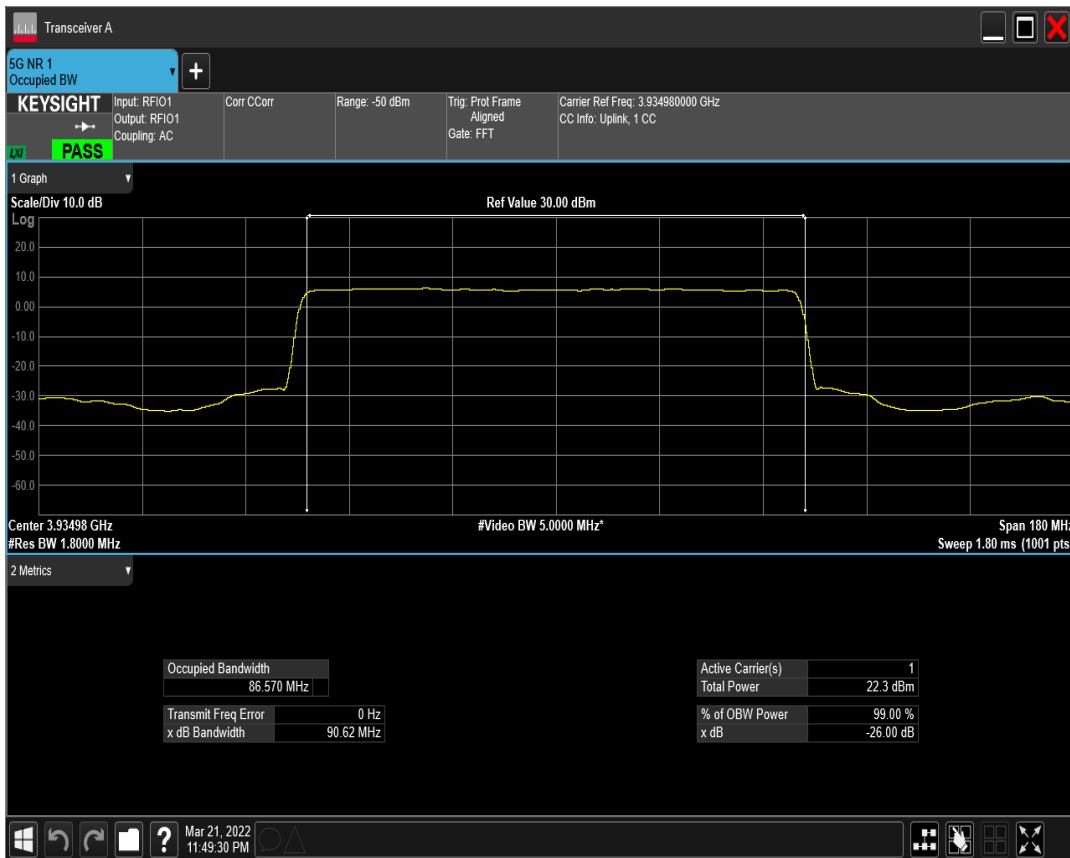
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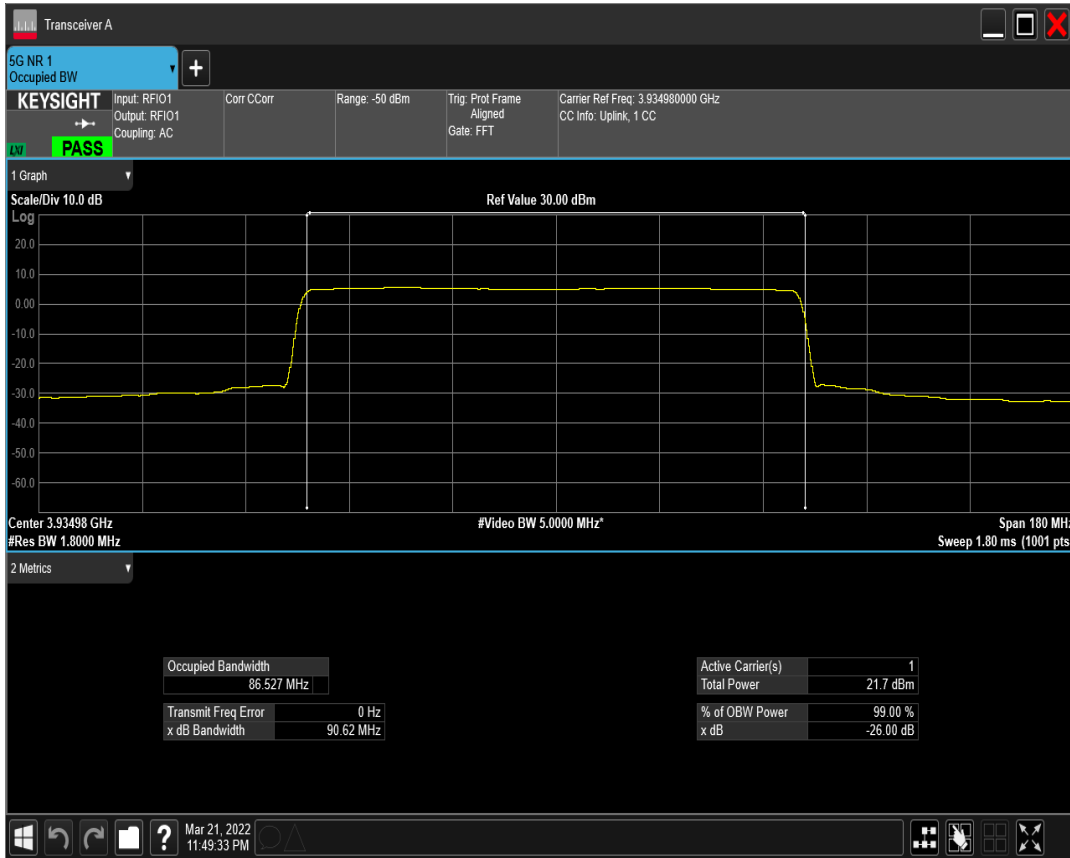
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=656000 RB=245@0



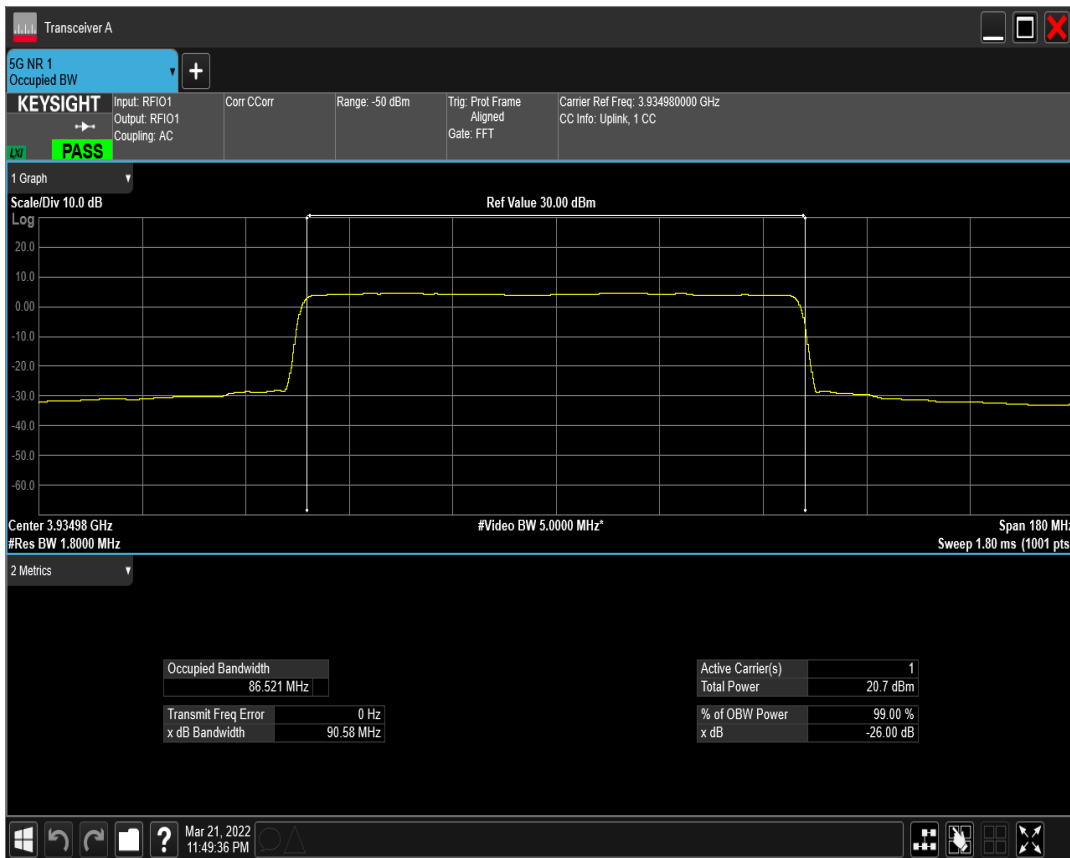
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=662332 RB=240@0



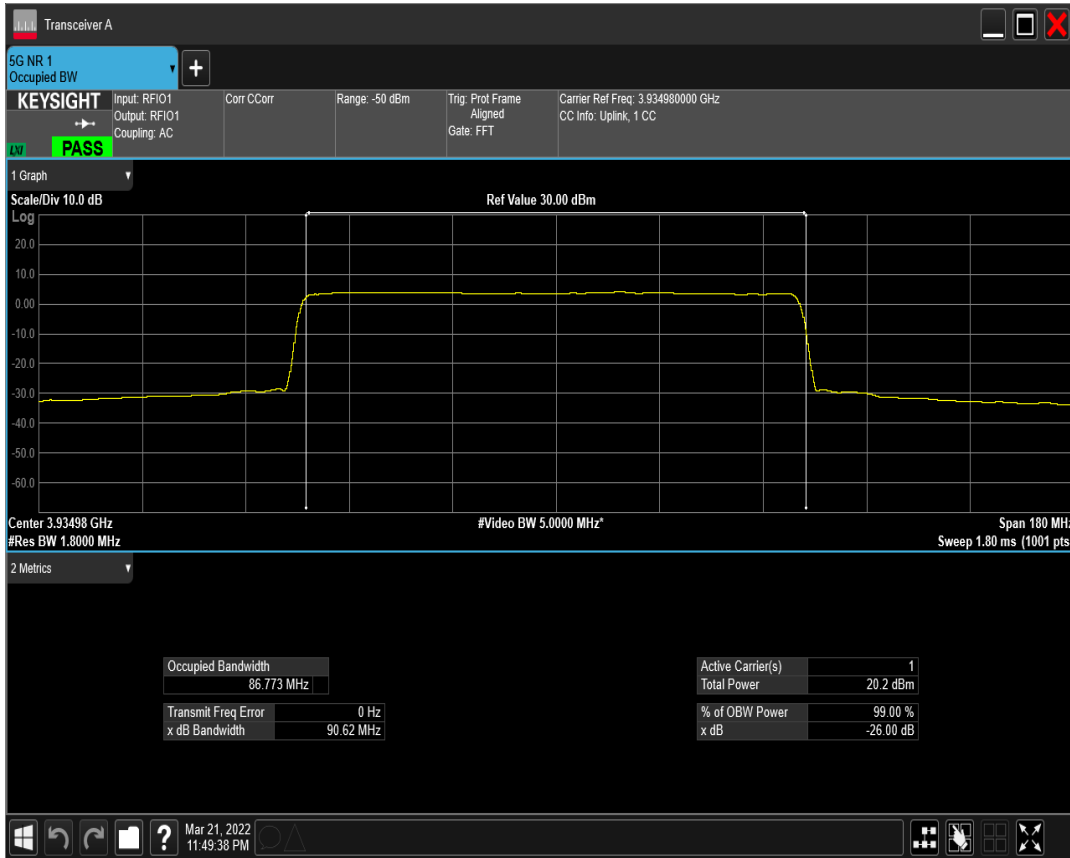
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=662332 RB=240@0



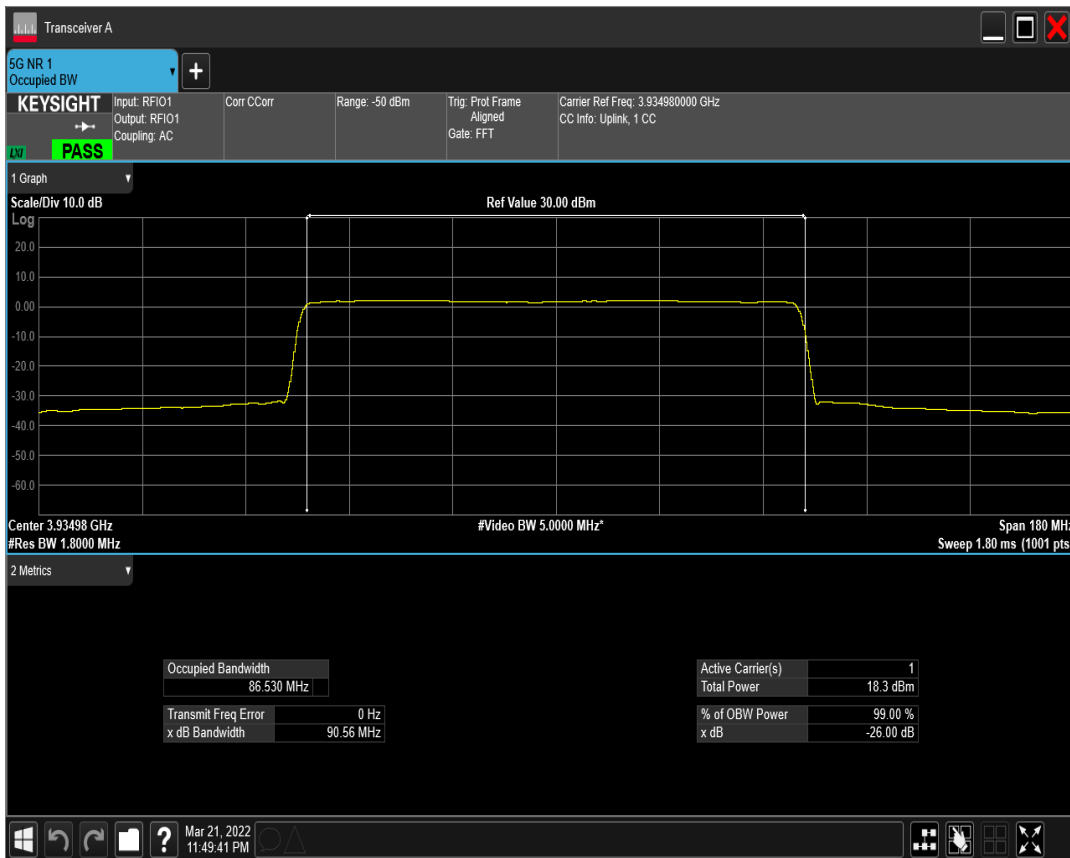
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=662332 RB=240@0



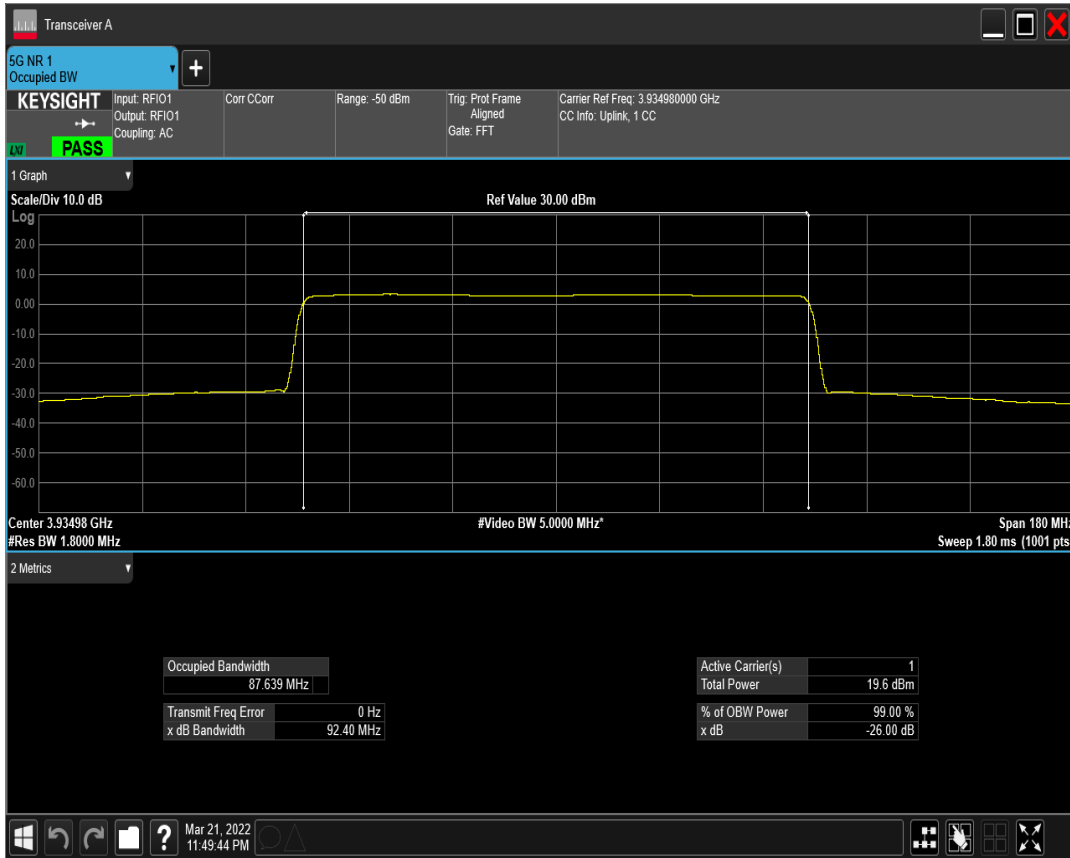
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=662332 RB=240@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=662332 RB=240@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=662332 RB=245@0



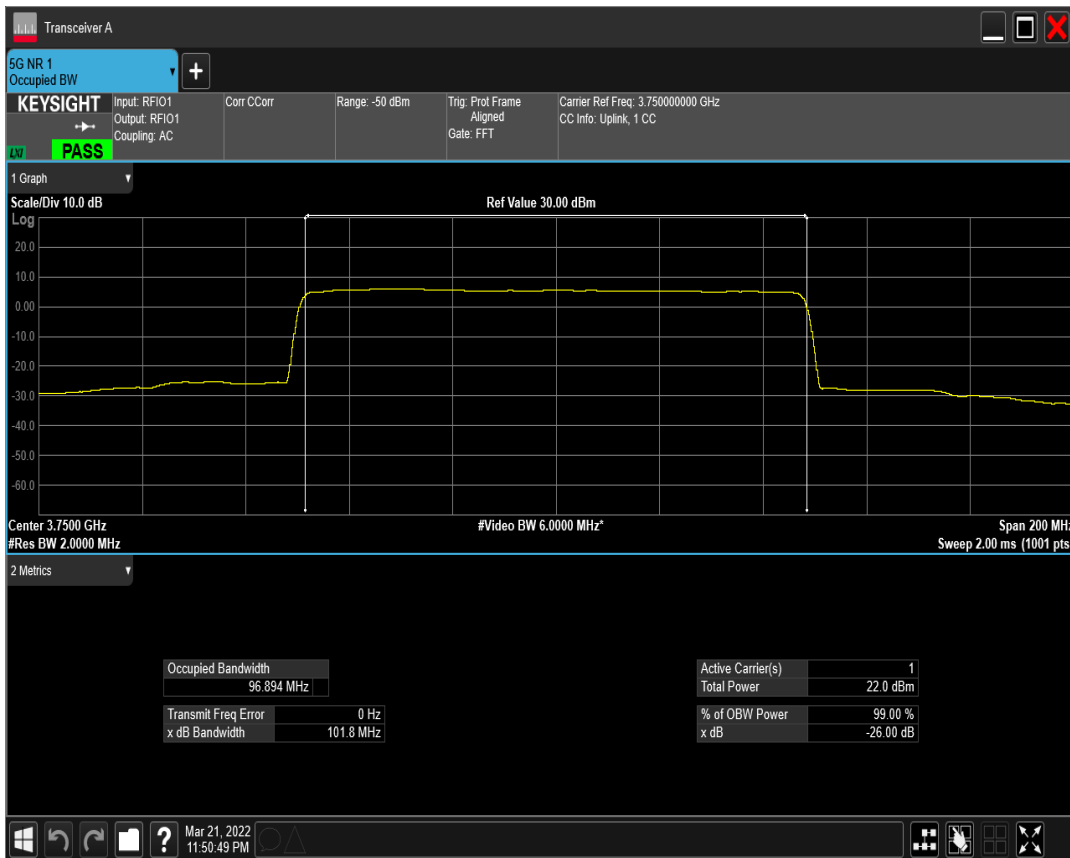
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



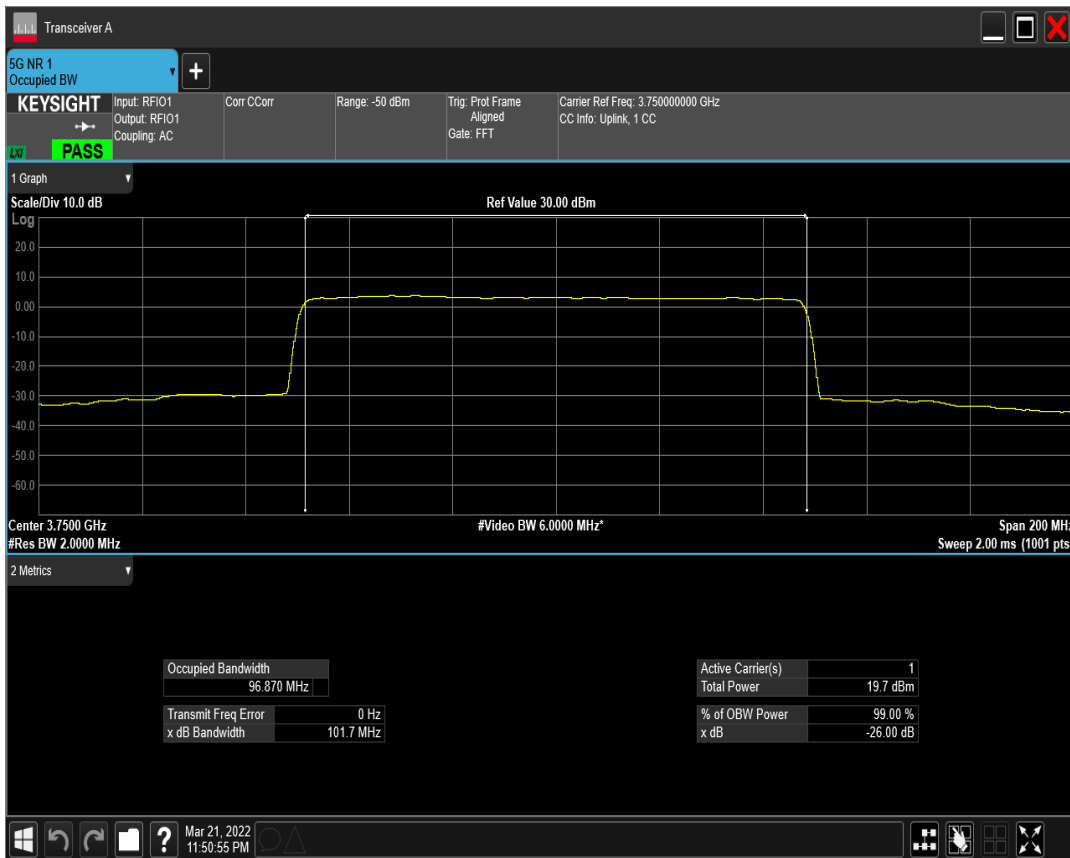
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0

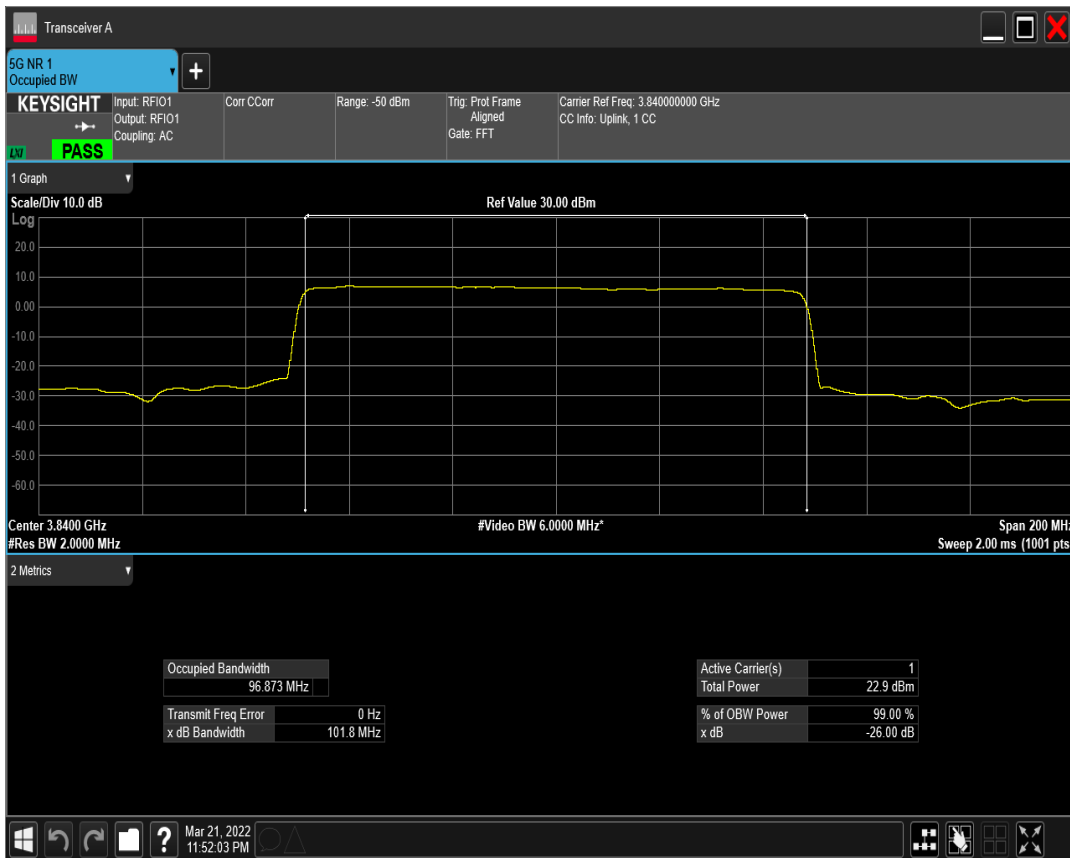


n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0

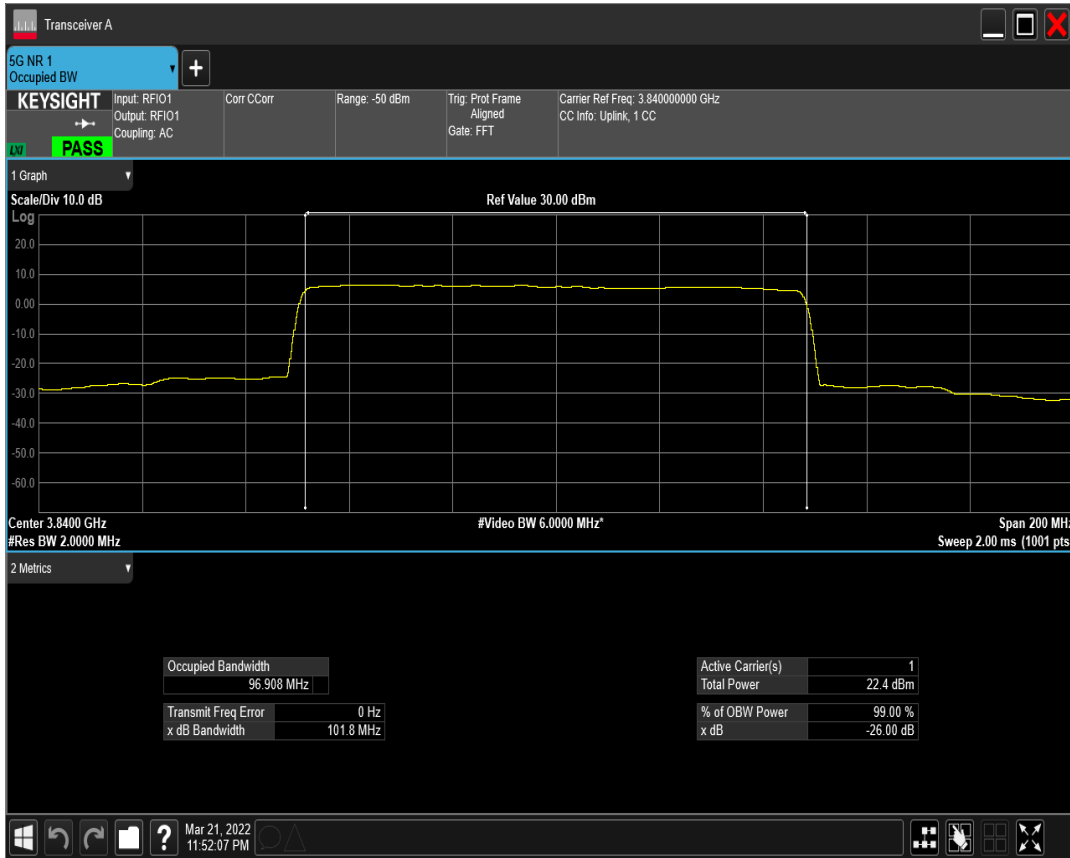




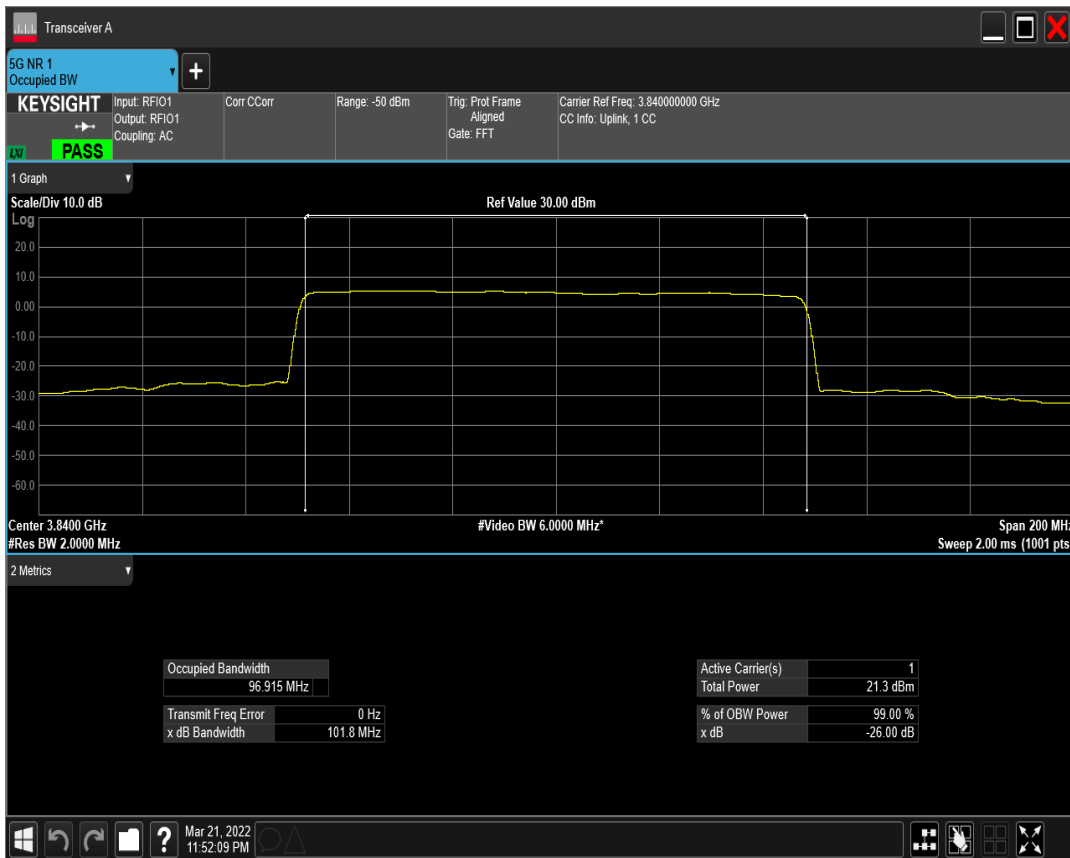
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=656000 RB=270@0



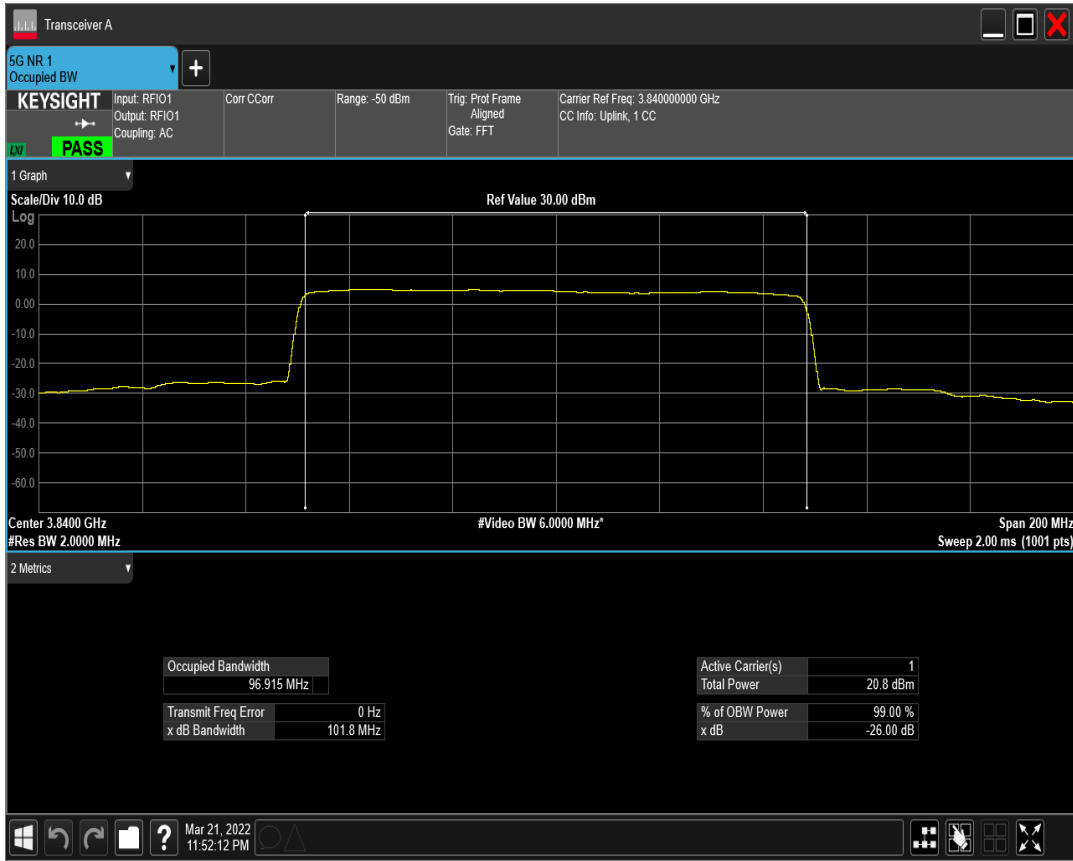
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



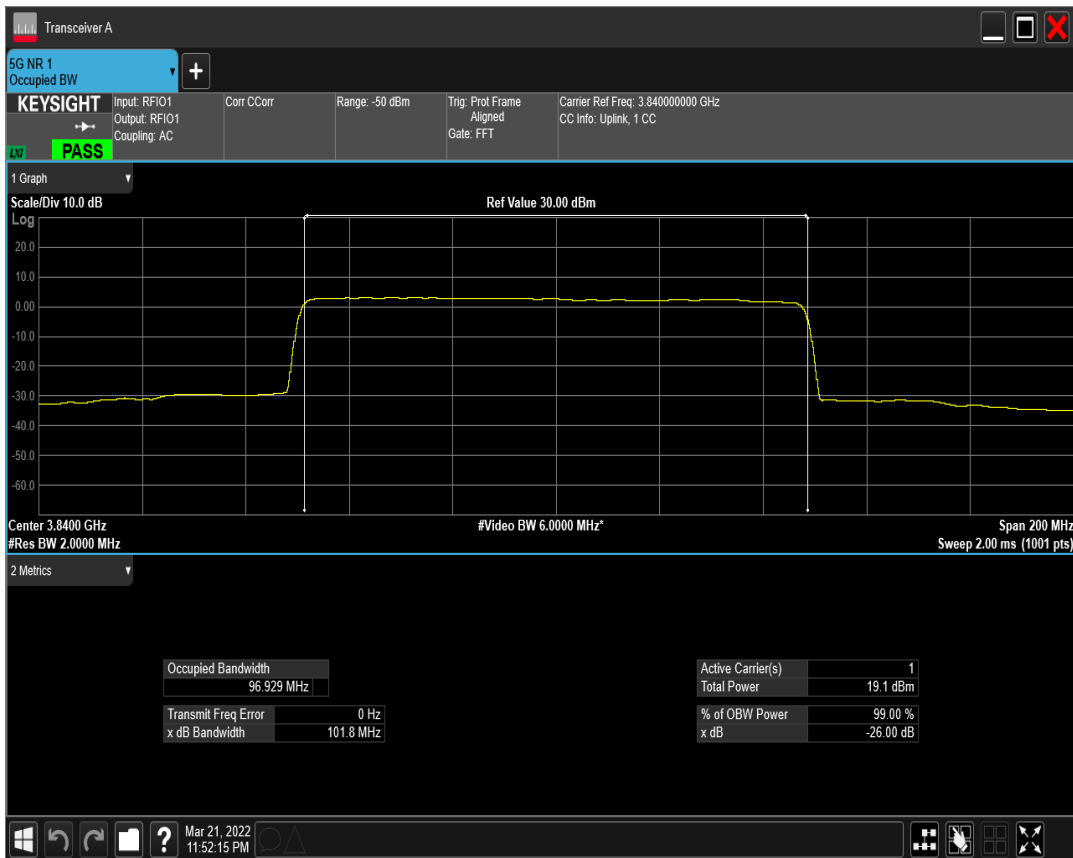
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



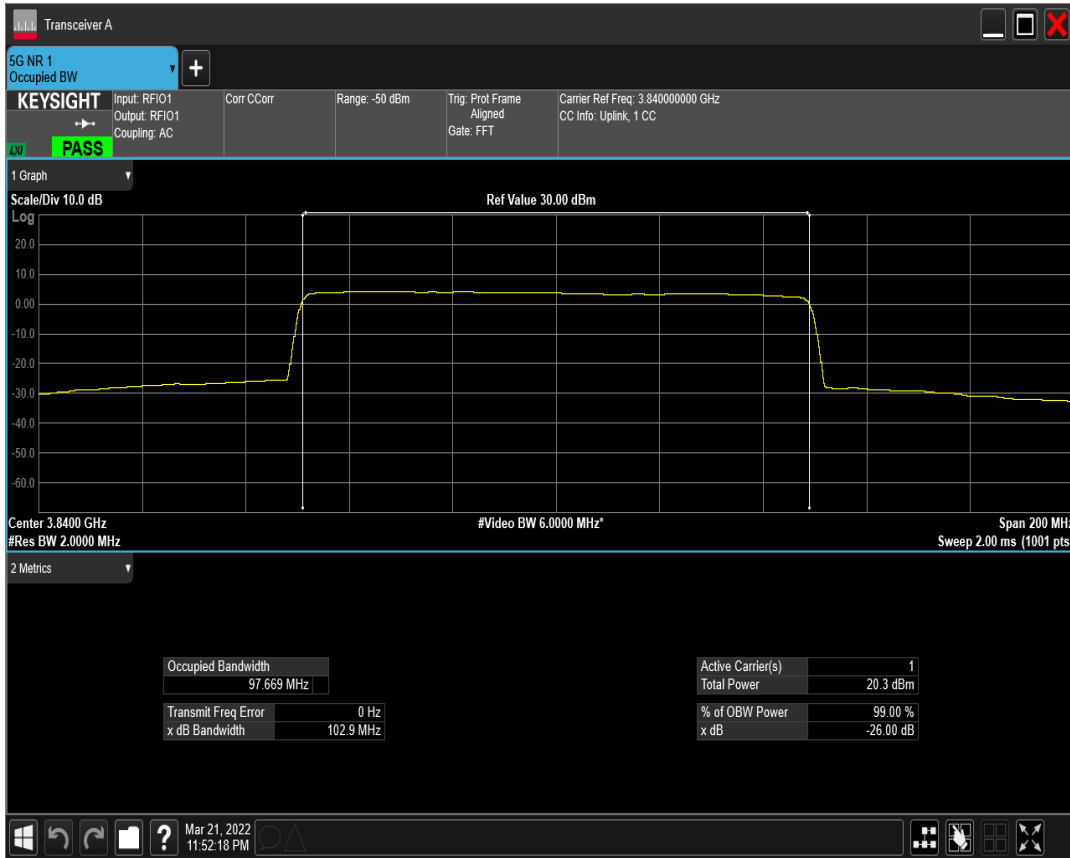
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0



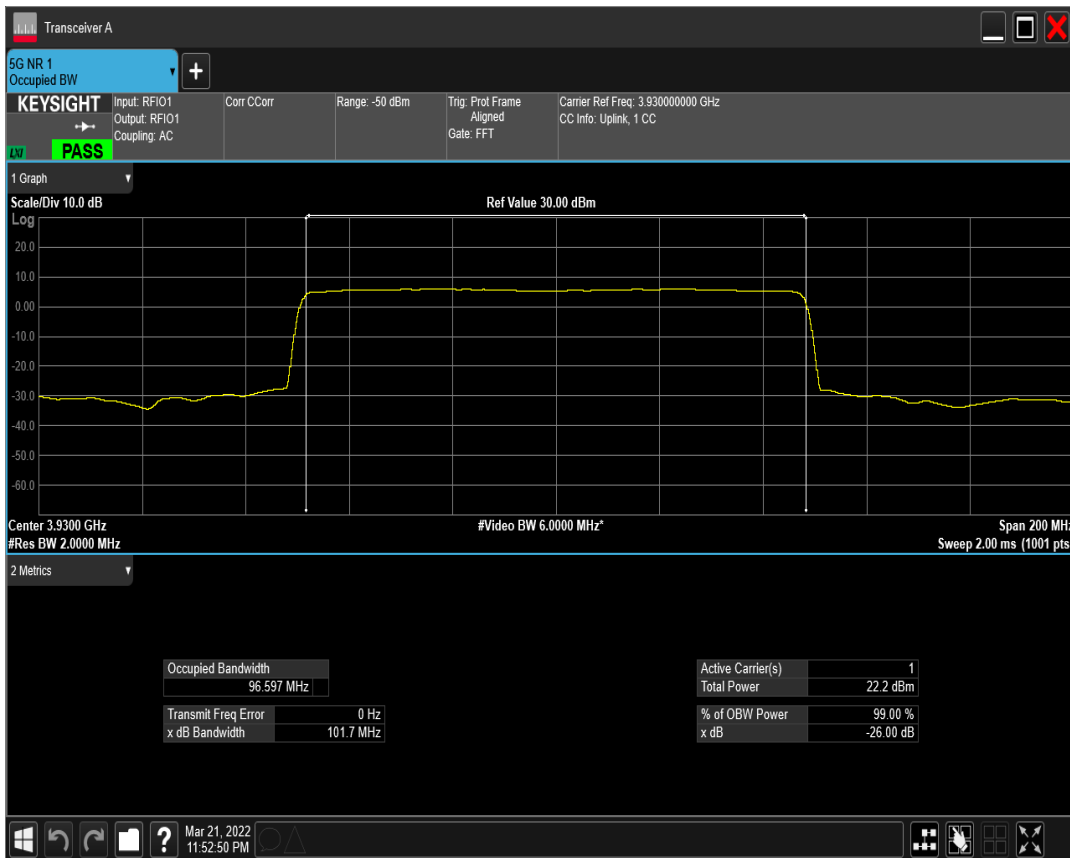
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



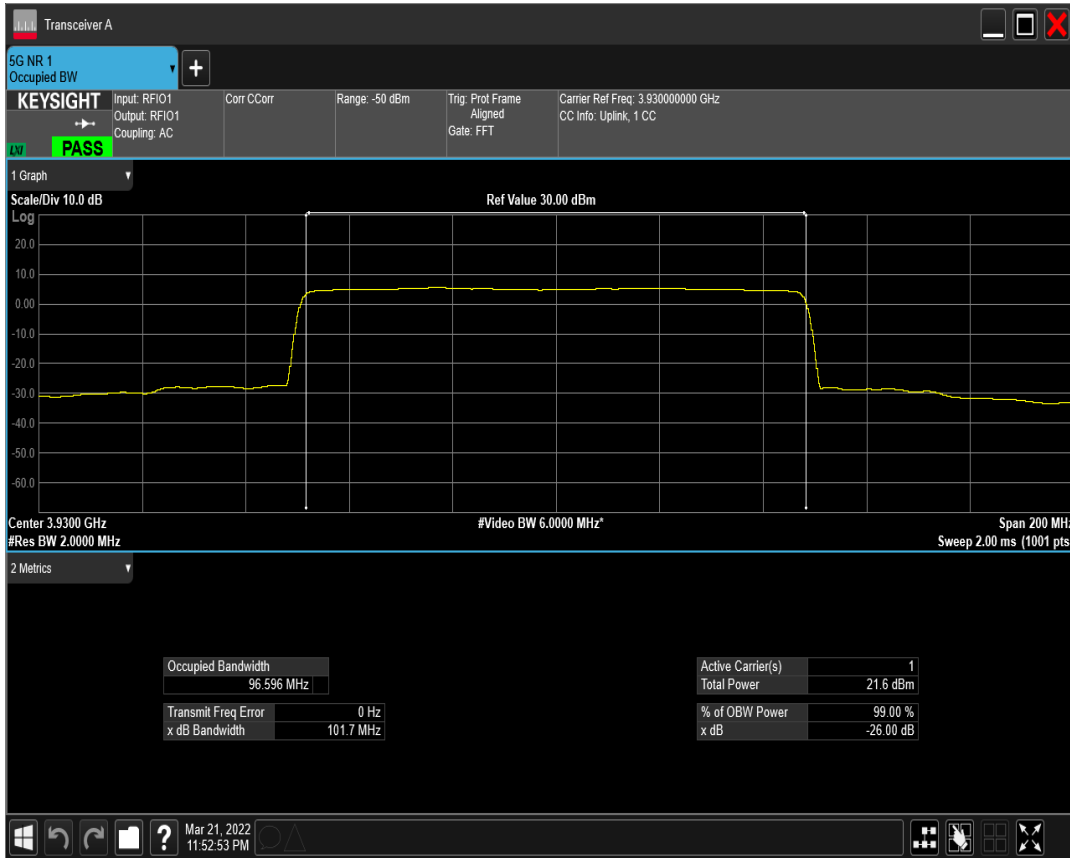
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=656000 RB=273@0



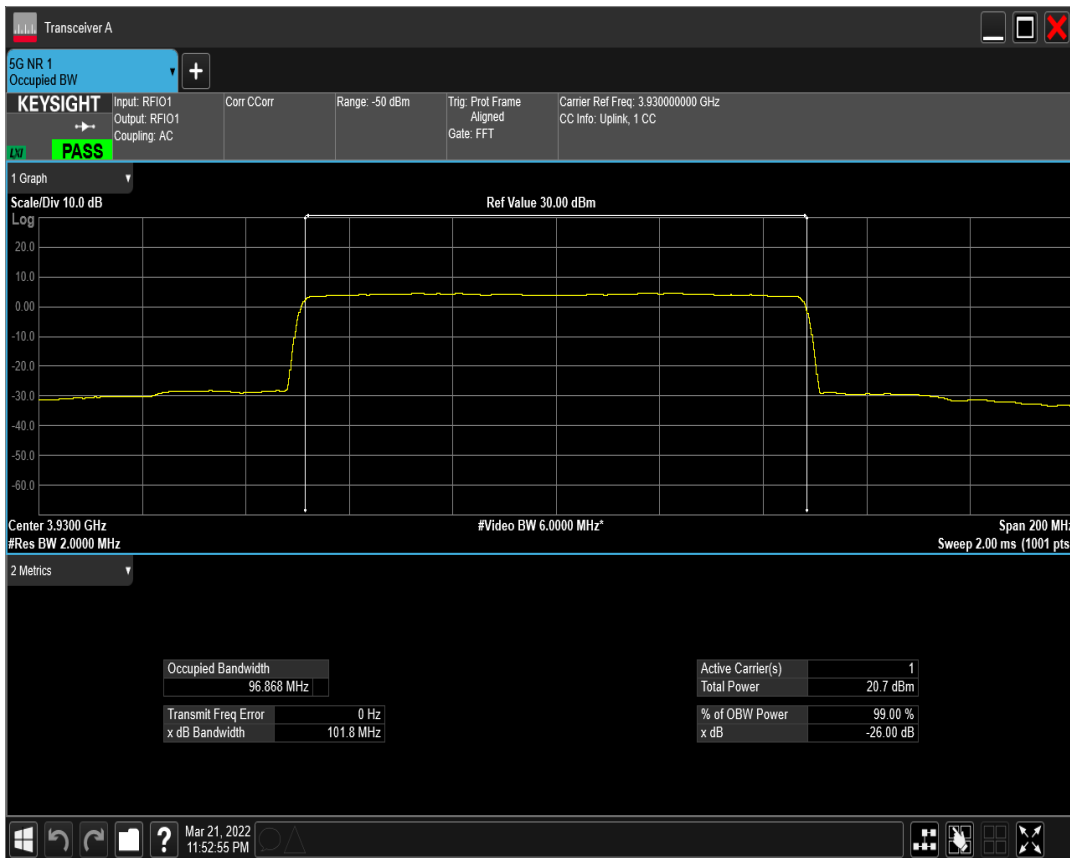
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=662000 RB=270@0



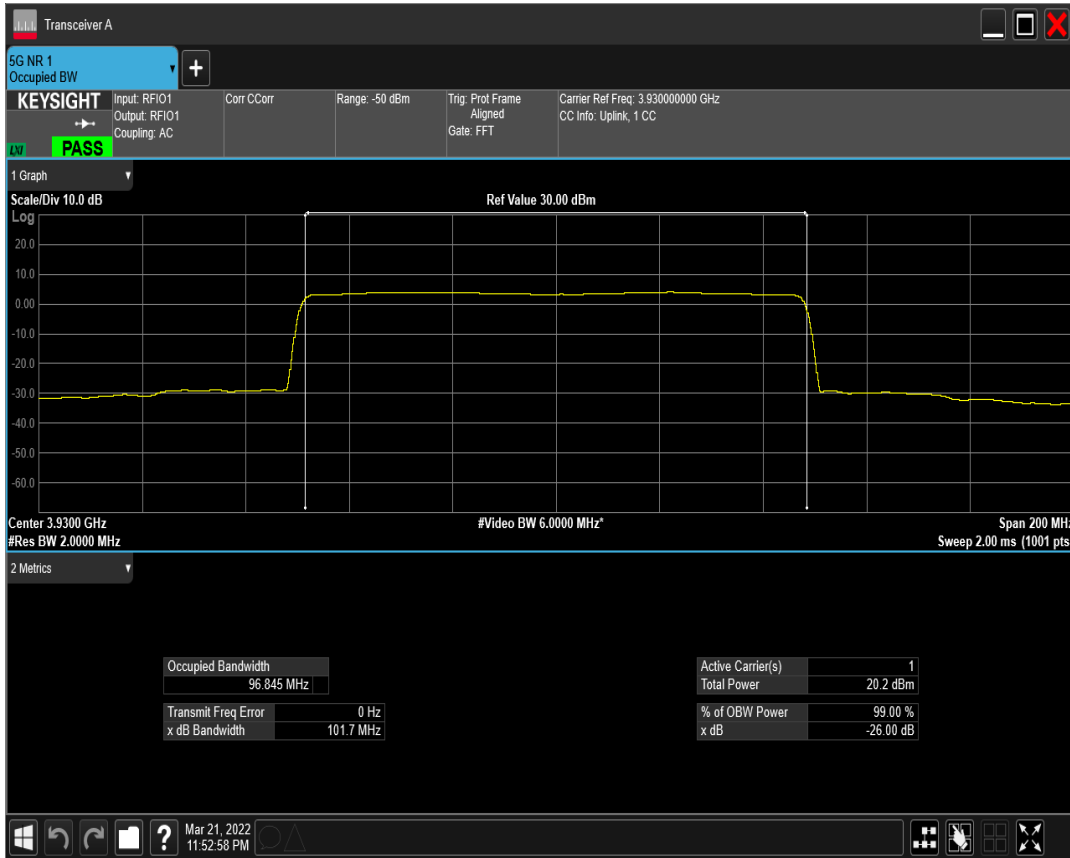
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



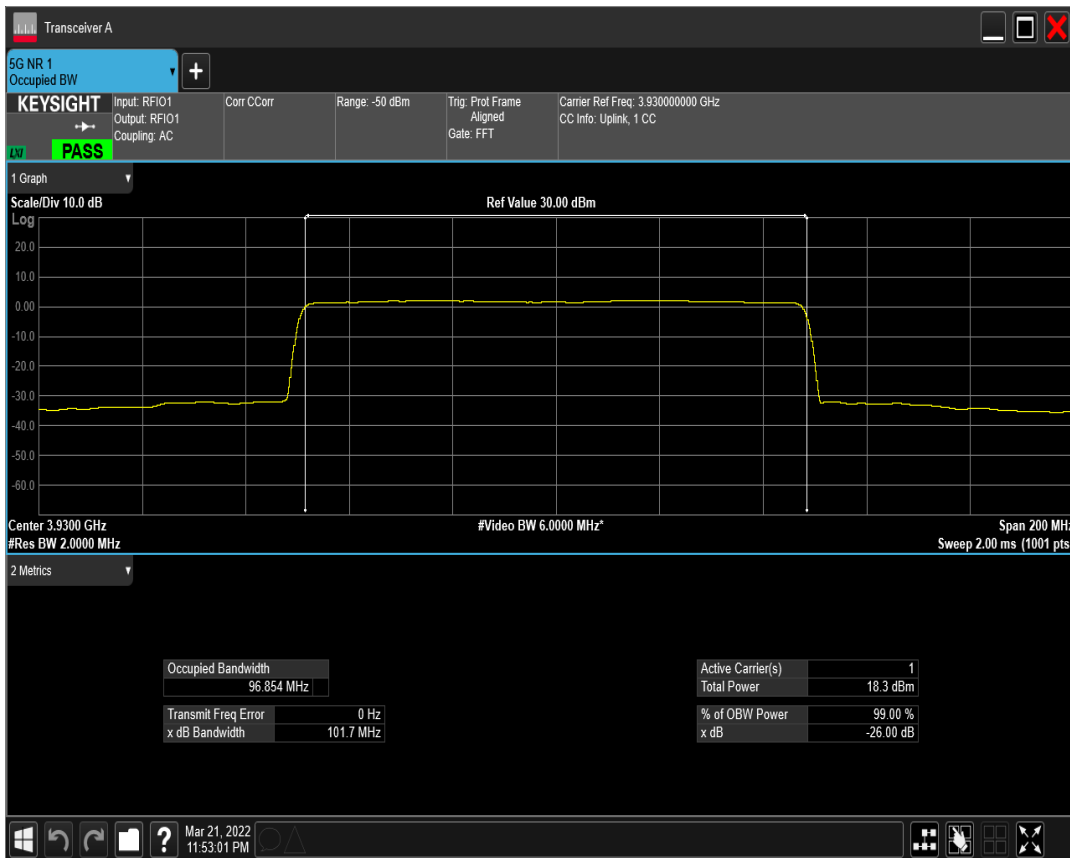
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=662000 RB=270@0



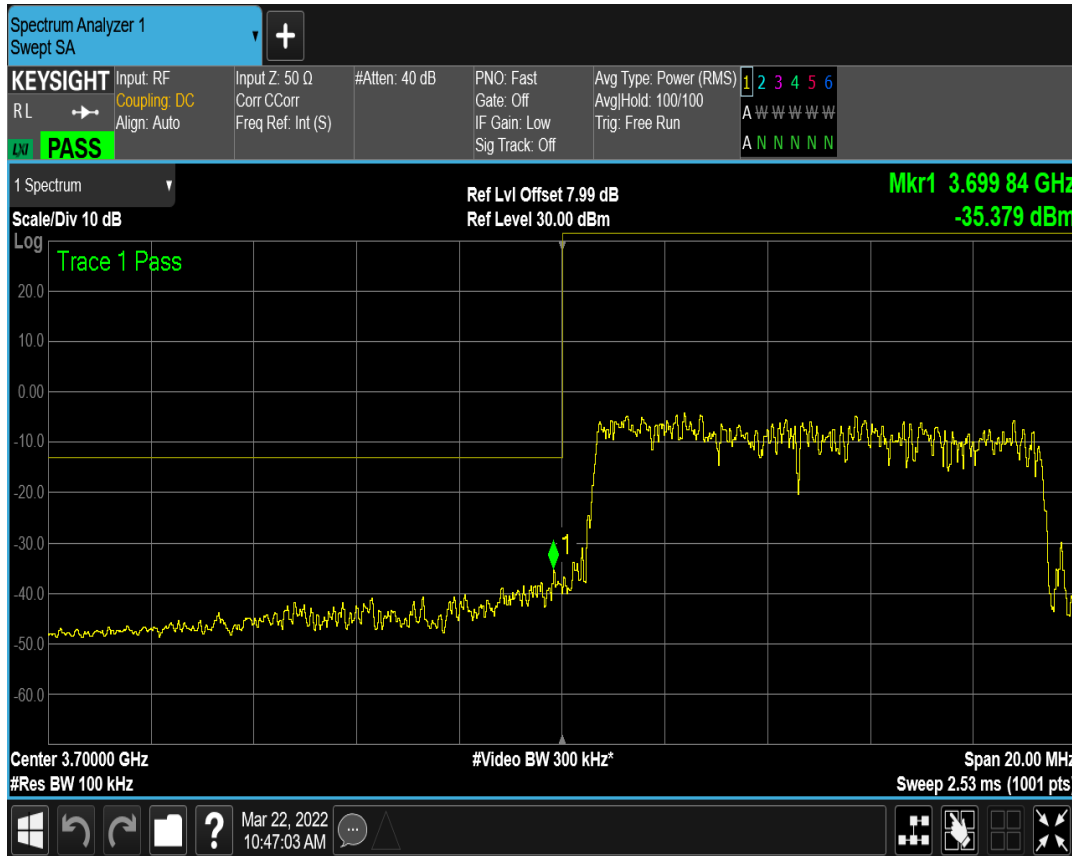
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0



### 5. Band edge for NR FR1

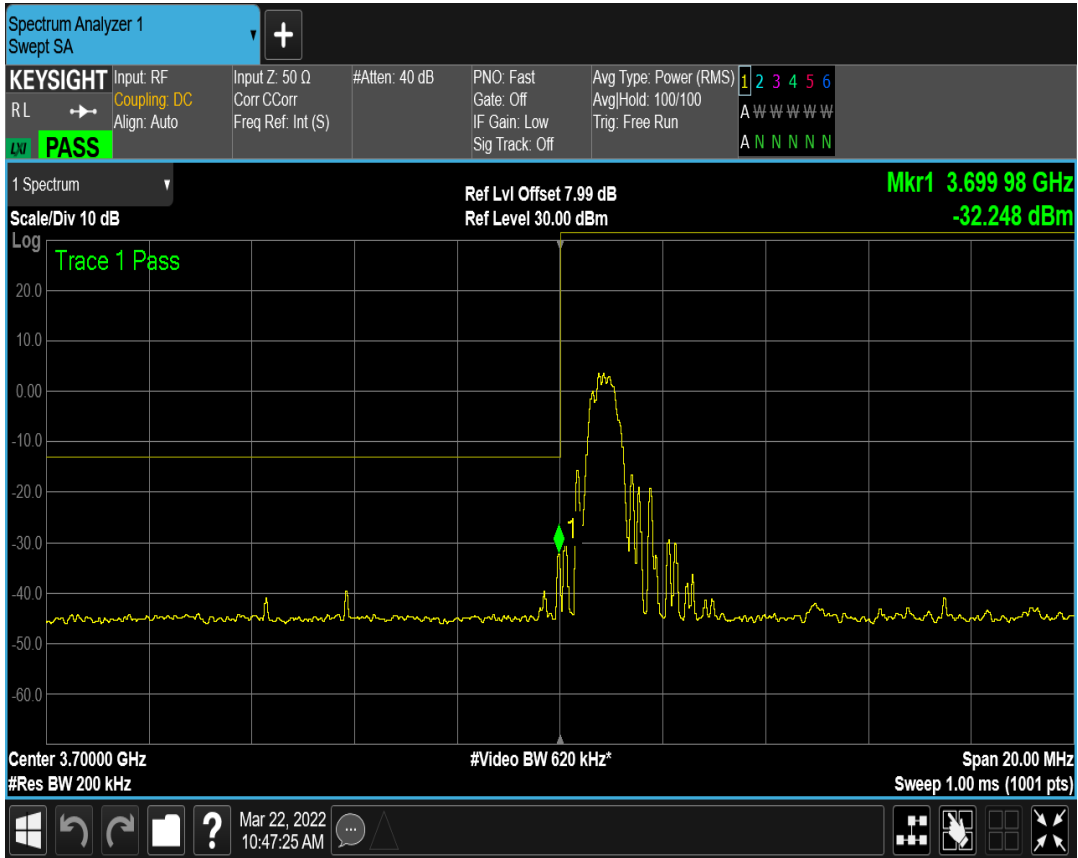
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	3699.84	-35.37	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	3699.98	-32.24	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	3980.24	-41.81	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	3980.02	-30.00	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-28.95	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3700.00	-33.84	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	3983.40	-37.49	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.00	-37.59	-13	PASS

n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0

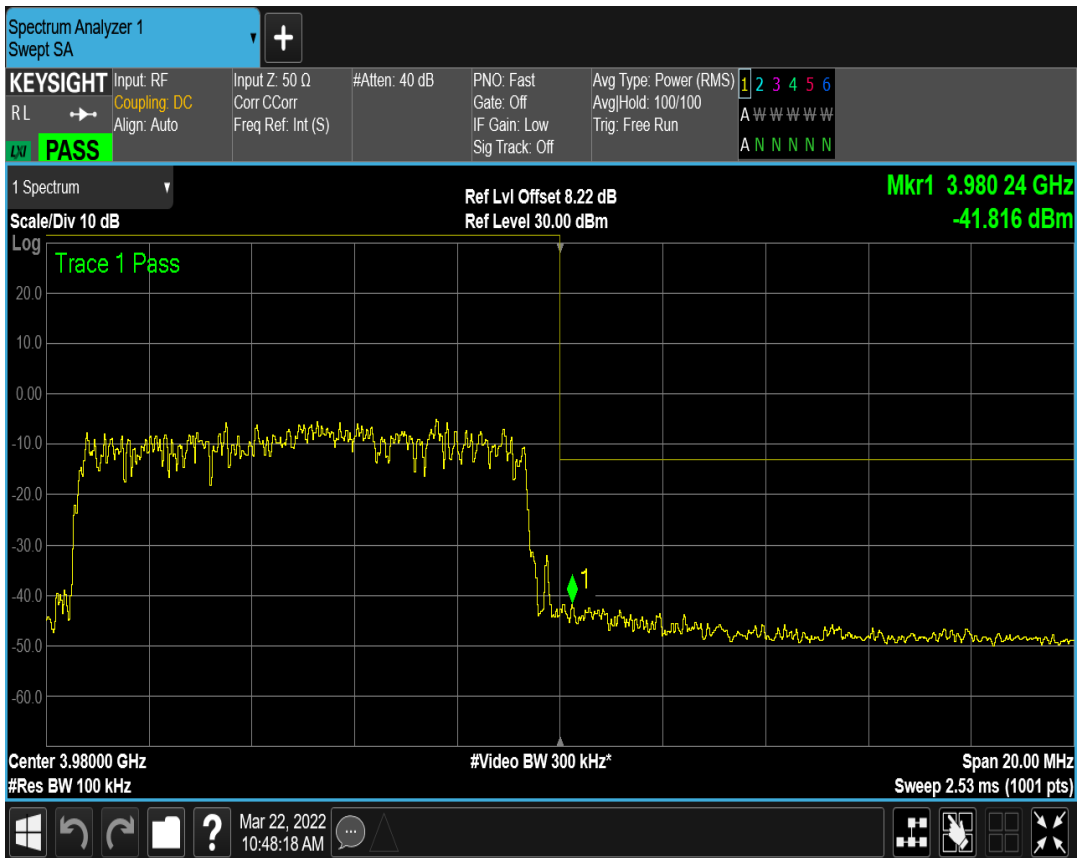


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0

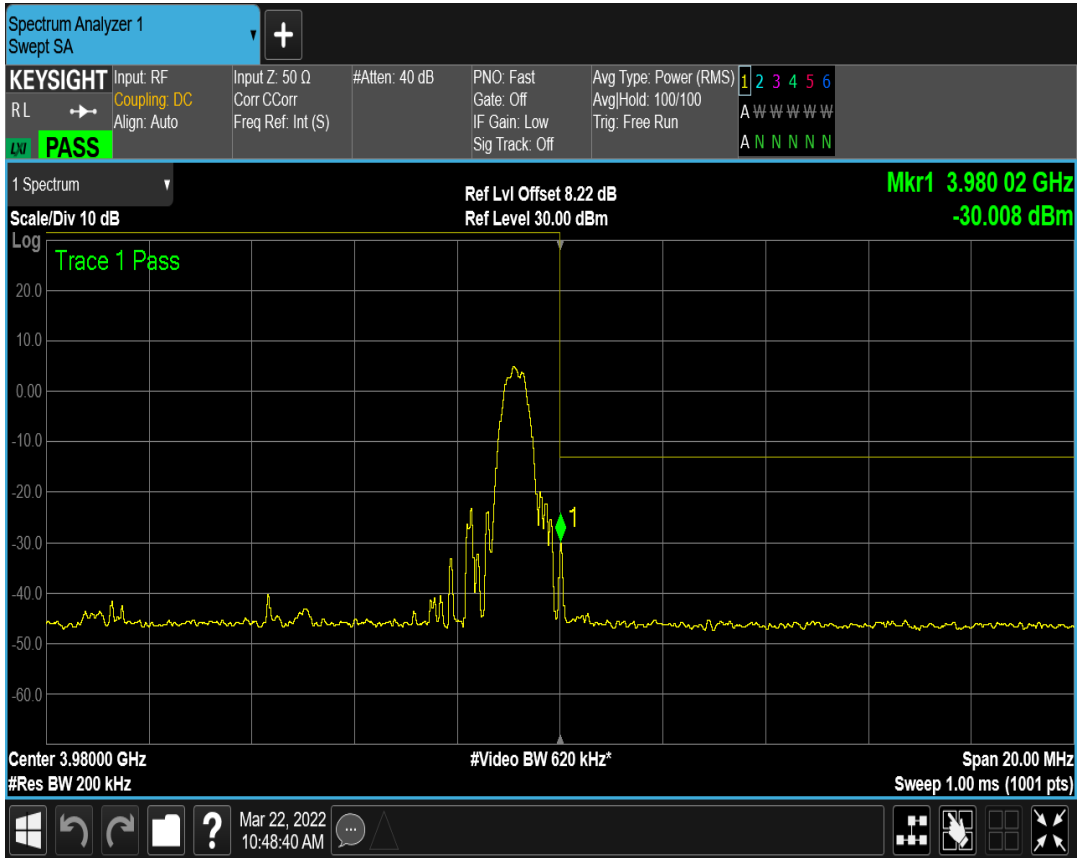




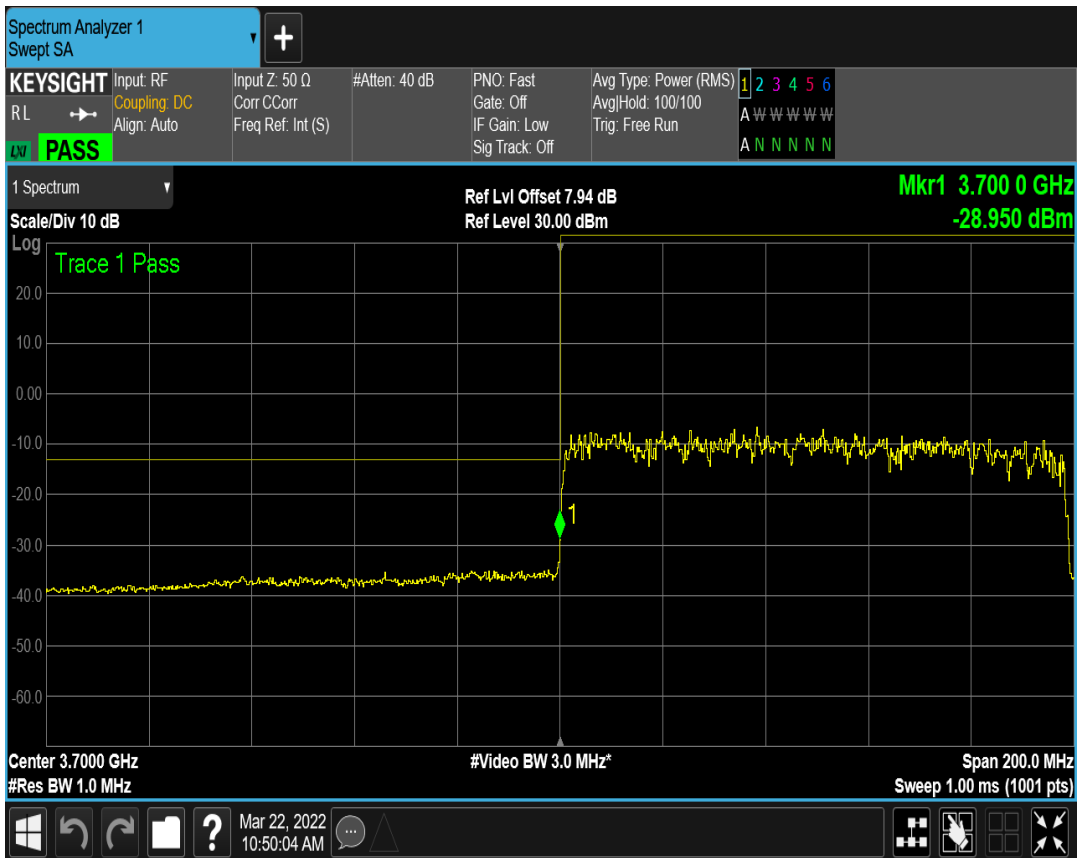
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



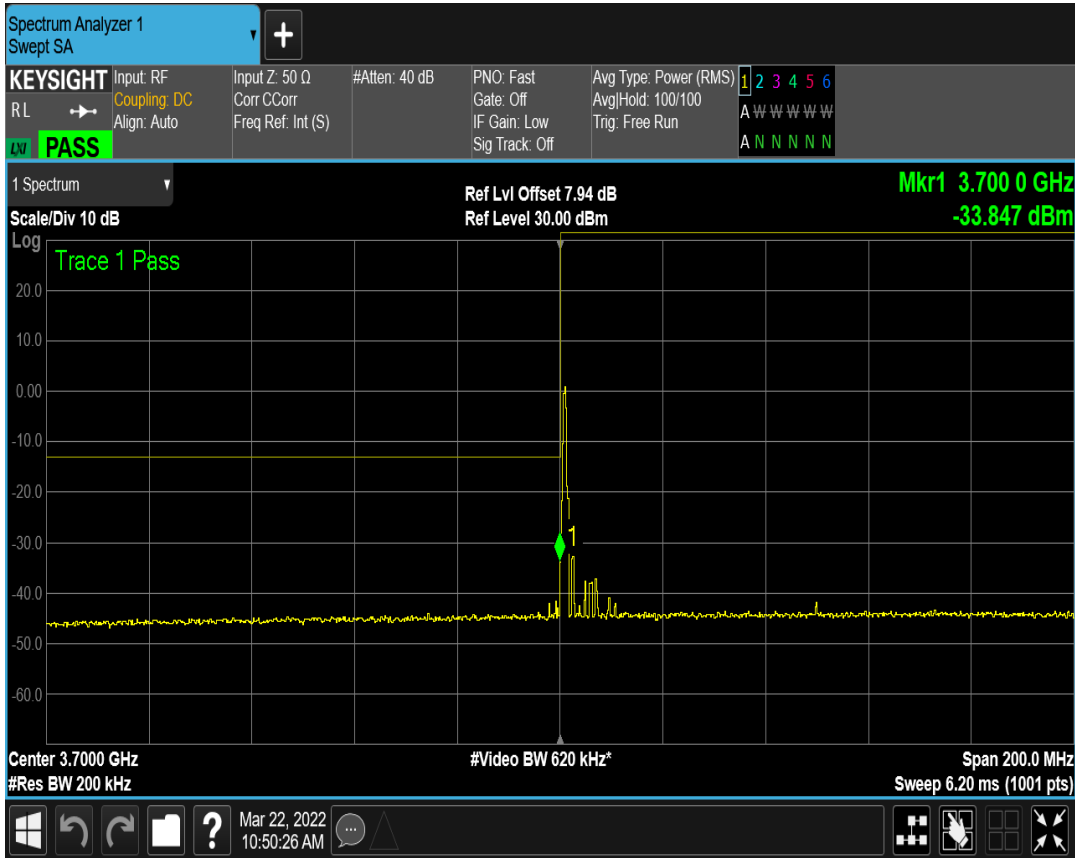
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



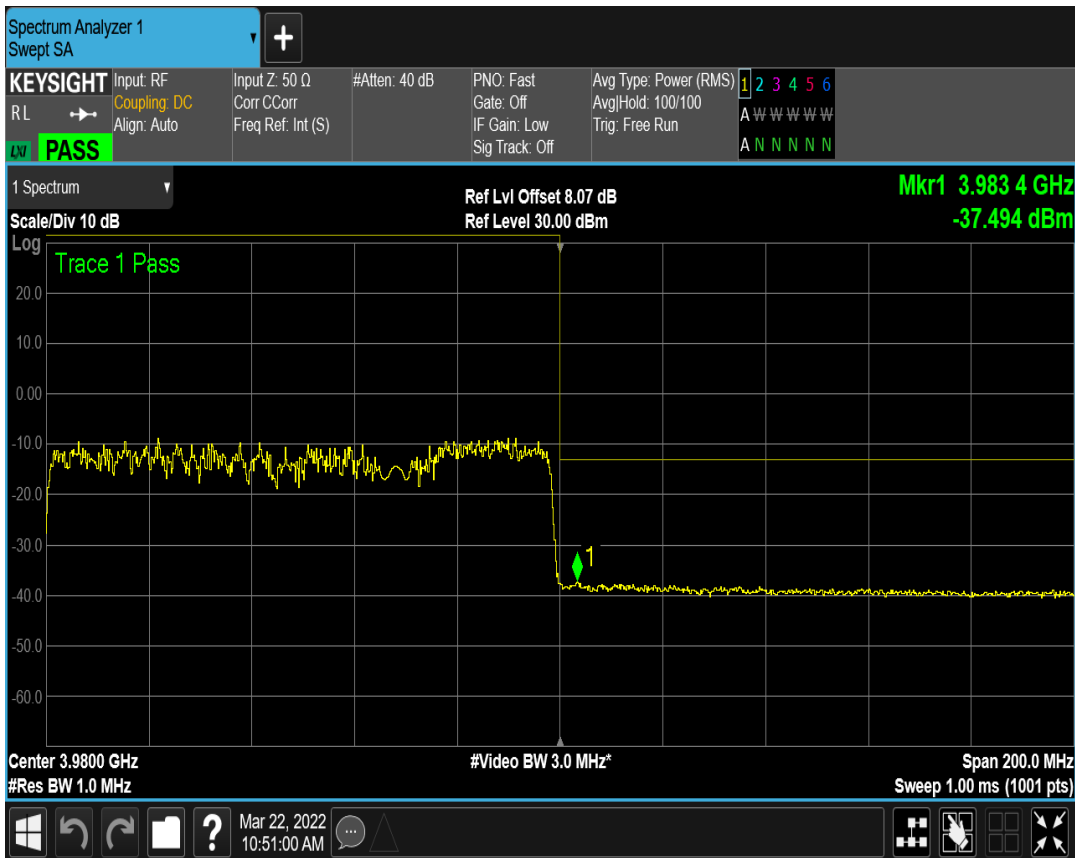
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



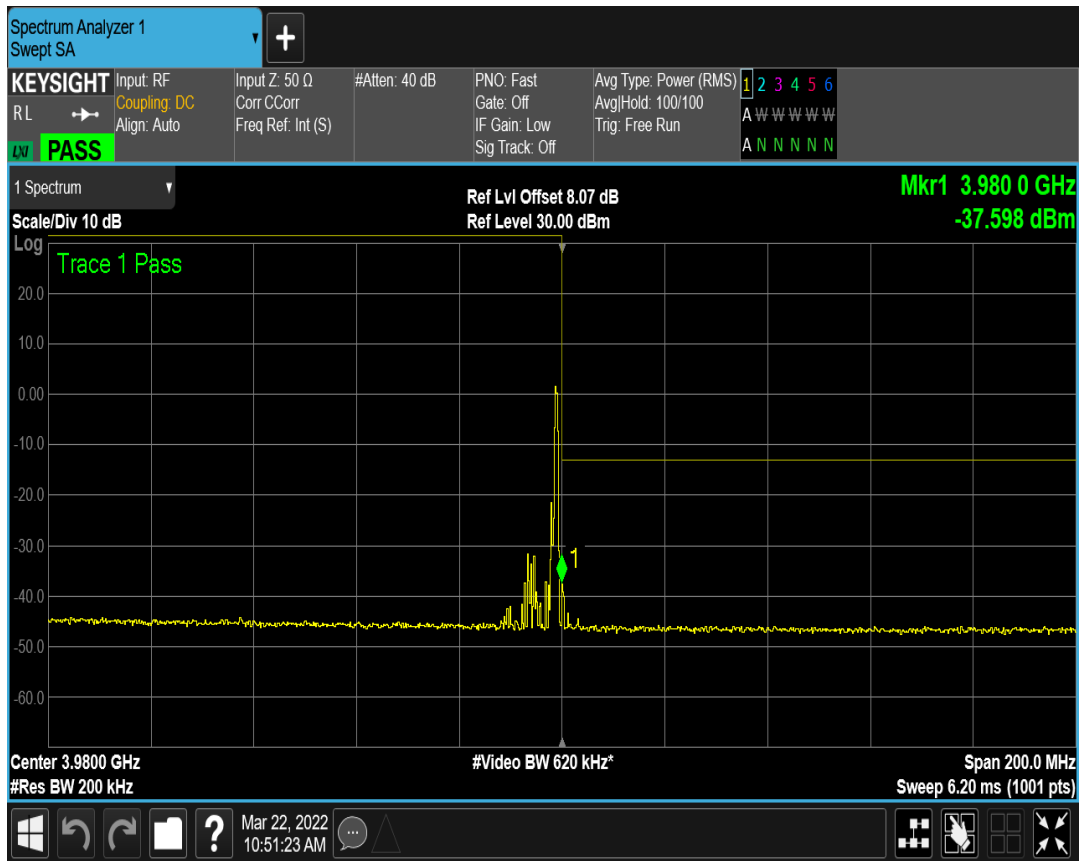
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



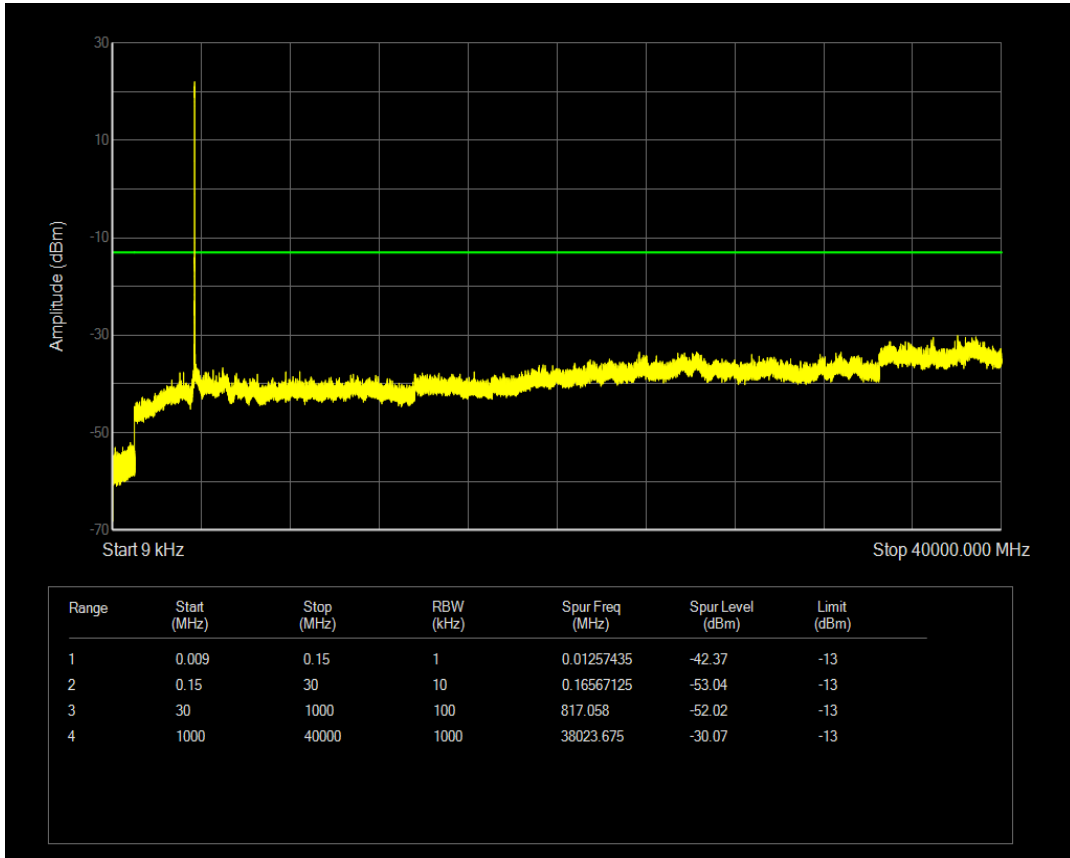
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272



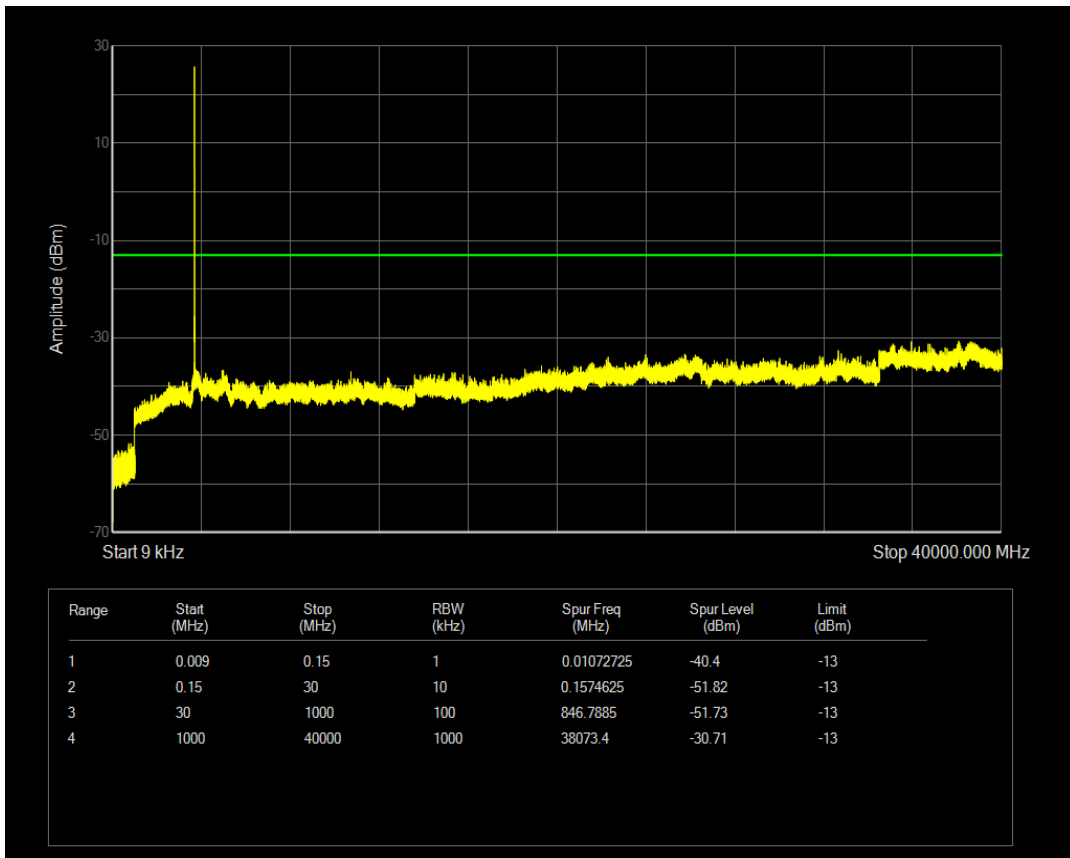
## 6. Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	38023.68	-30.07	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	38073.40	-30.71	-13	PASS
n77(3700-3980)	30	10	647000	1@23	DFT_QPSK	39307.75	-30.55	-13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	38666.20	-30.49	-13	PASS
n77(3700-3980)	30	10	656000	1@0	DFT_QPSK	38540.43	-30.28	-13	PASS
n77(3700-3980)	30	10	656000	1@23	DFT_QPSK	39049.38	-30.77	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	38850.48	-29.86	-13	PASS
n77(3700-3980)	30	10	665000	1@0	DFT_QPSK	38710.08	-30.15	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	38794.90	-29.89	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	38720.80	-29.24	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	38551.15	-29.97	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38822.20	-30.51	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38771.50	-30.00	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38514.10	-30.34	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	38509.23	-30.24	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38581.38	-30.14	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	34849.08	-29.90	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38812.45	-29.52	-13	PASS

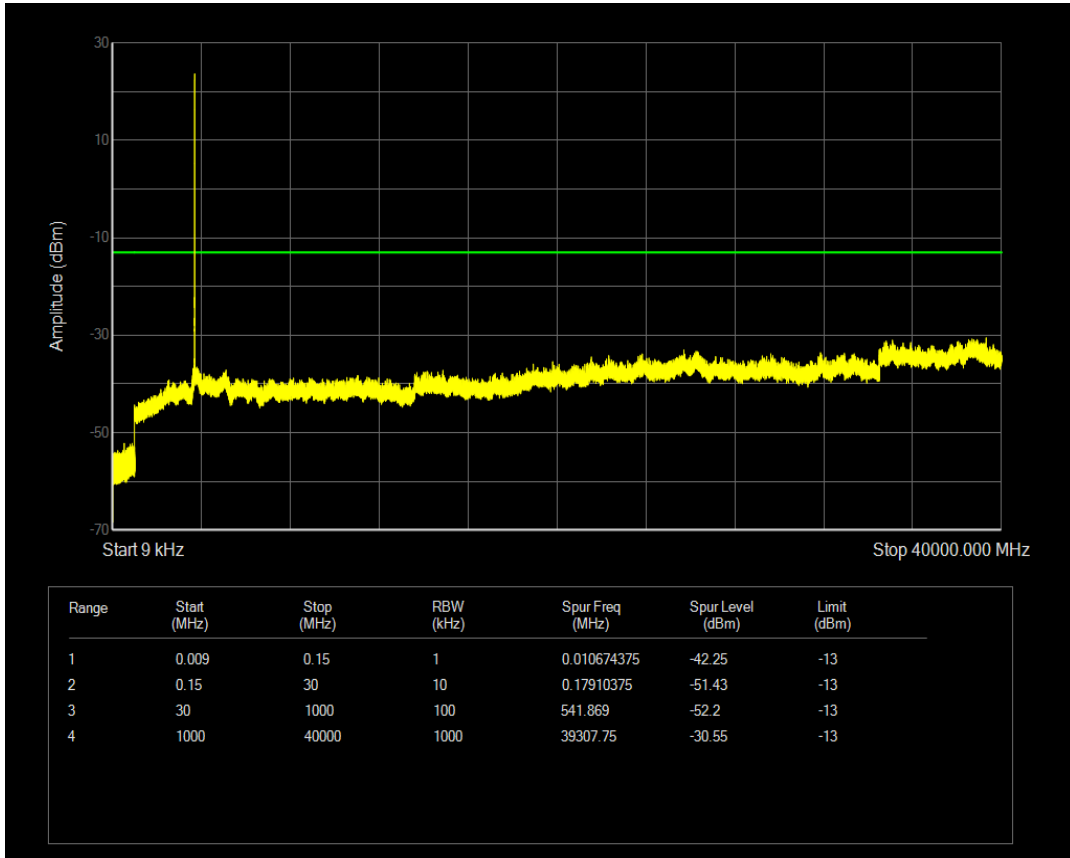
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0



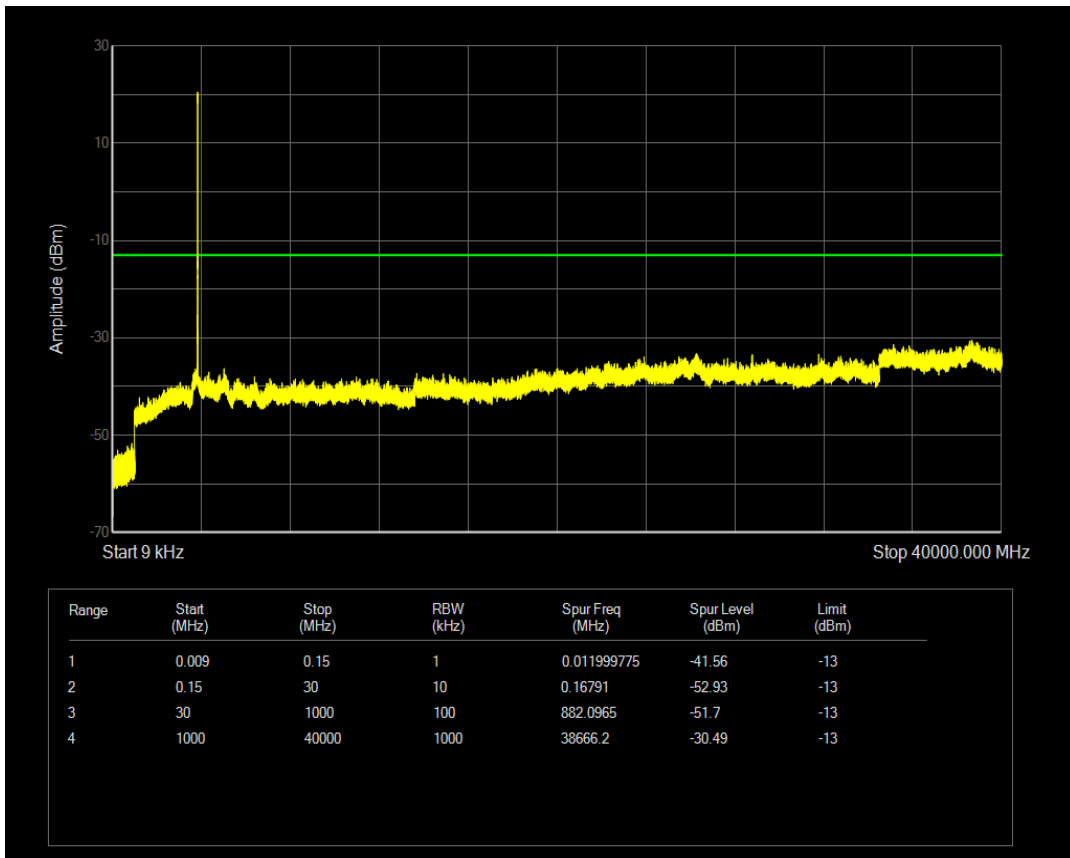
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



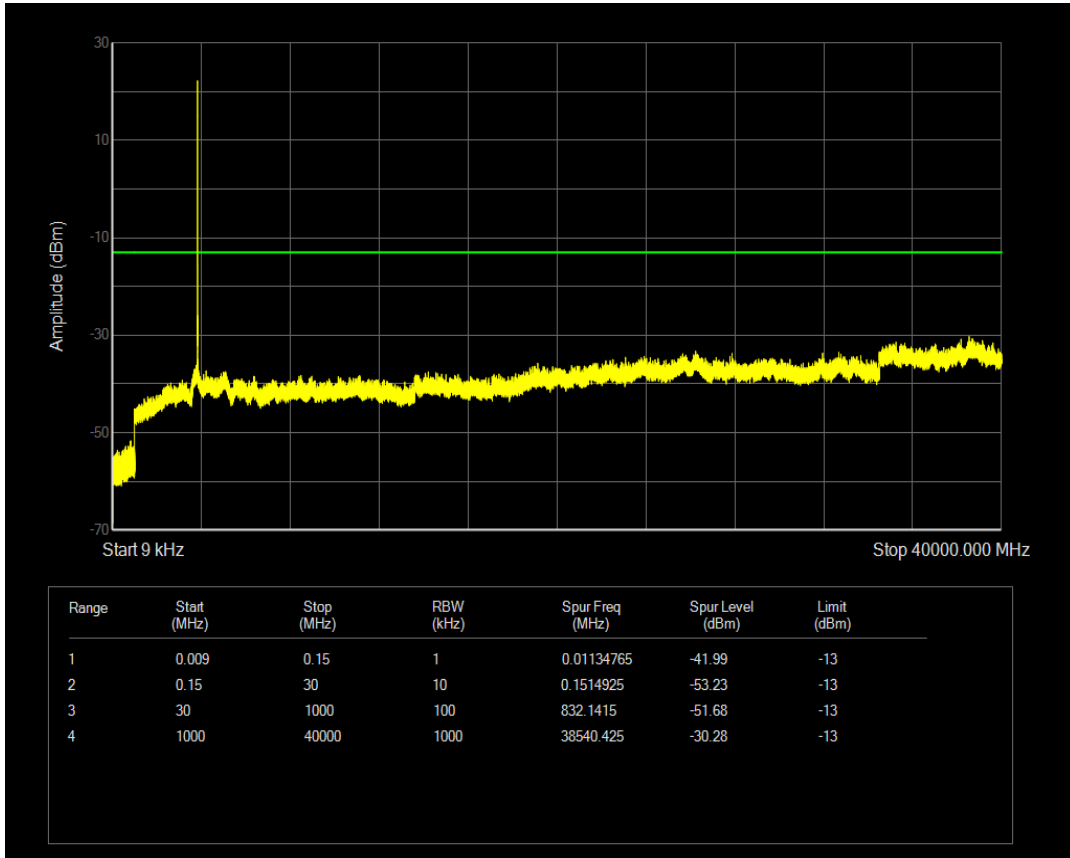
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@23



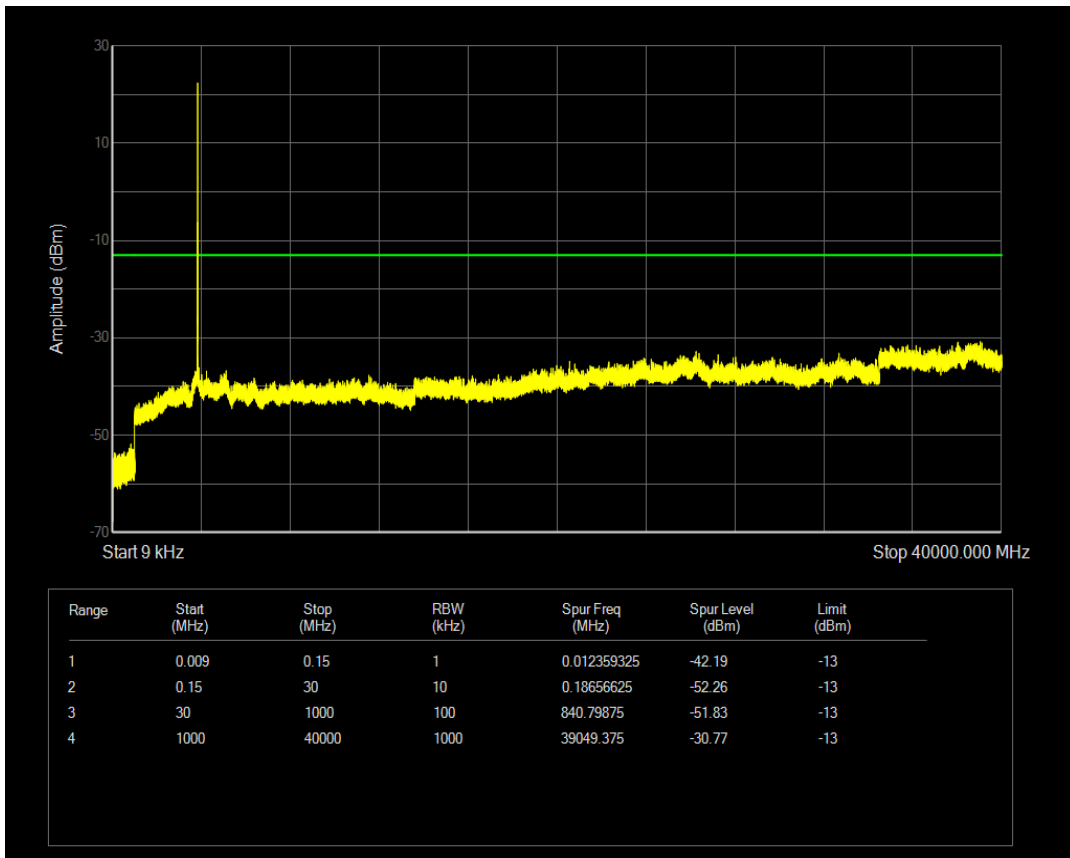
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0

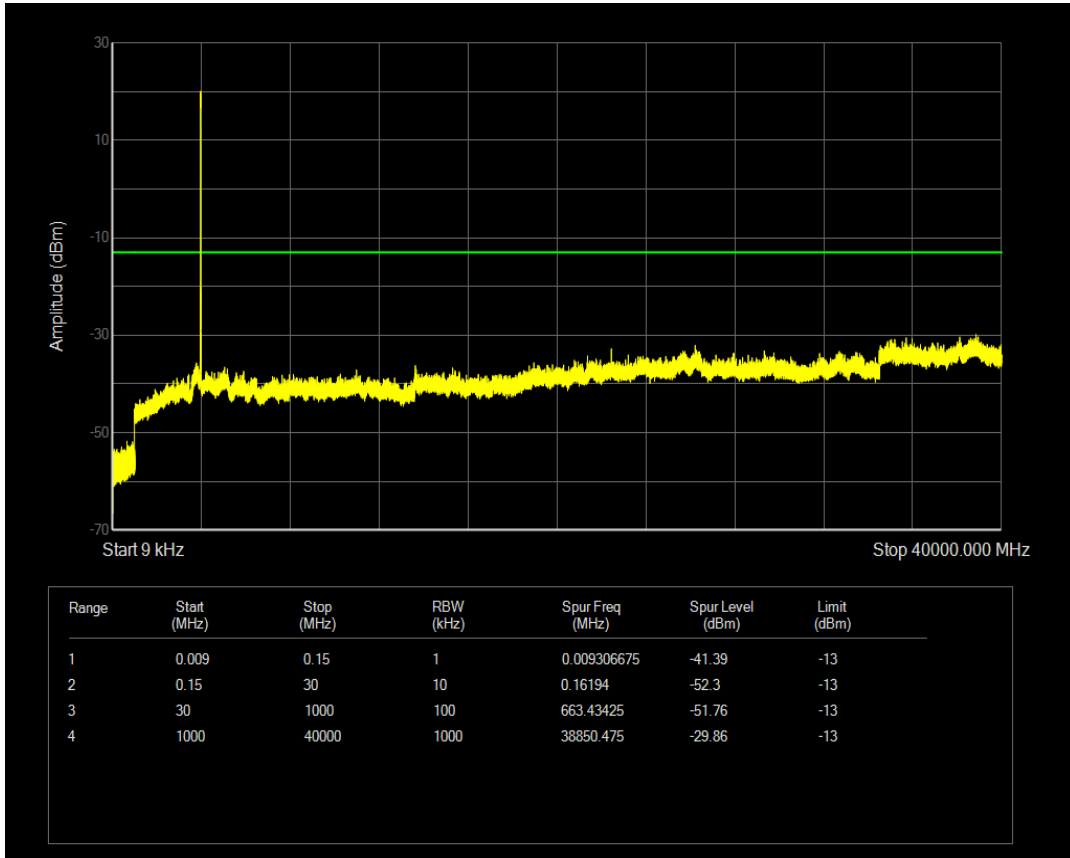


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@23

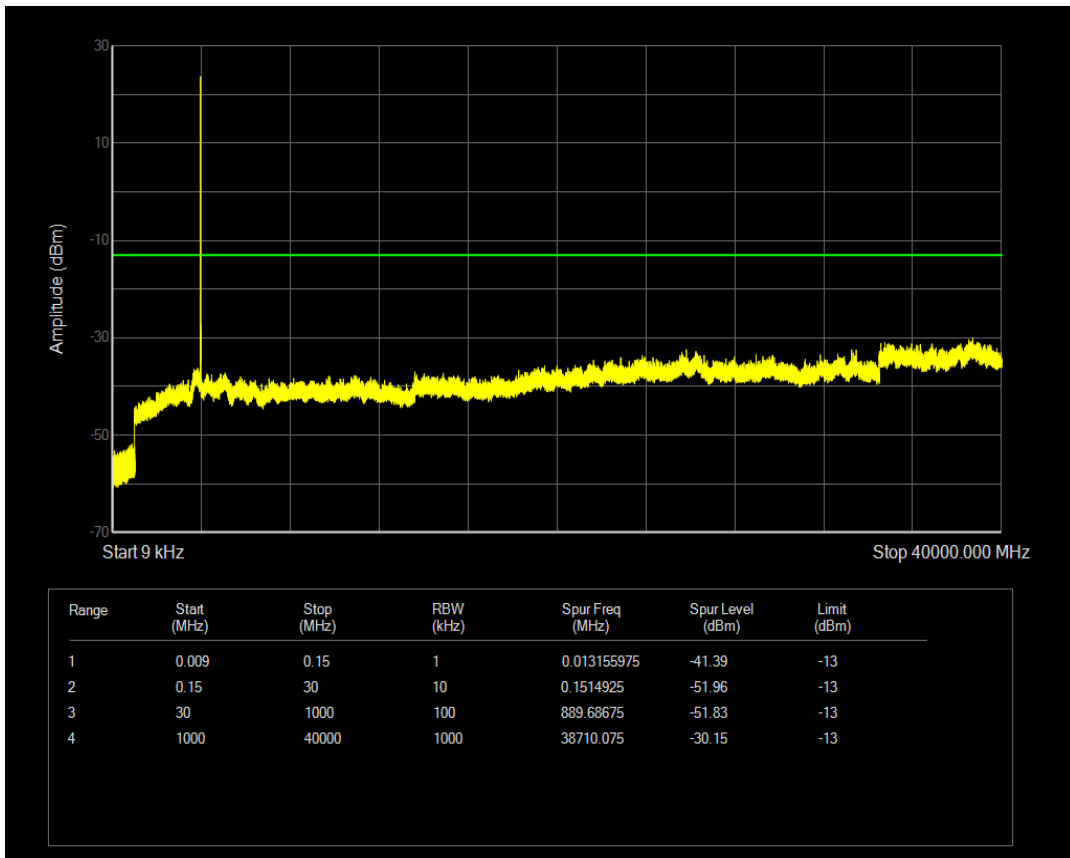


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0

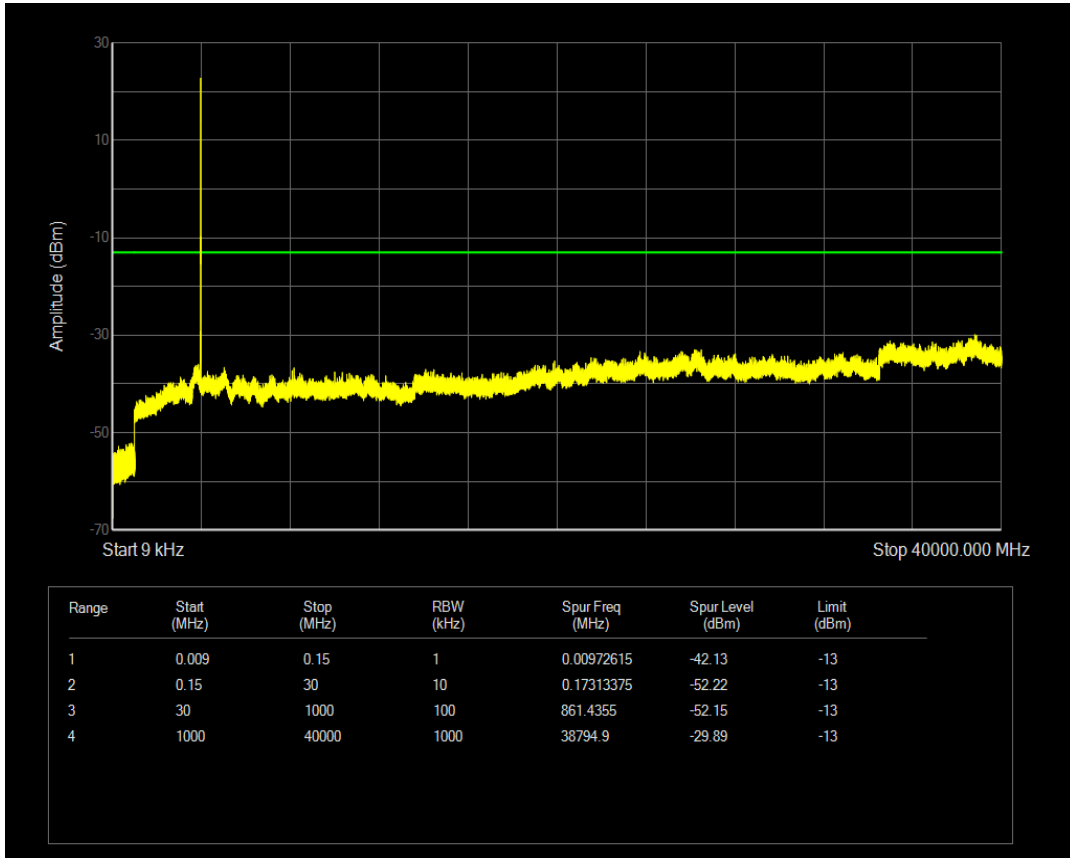




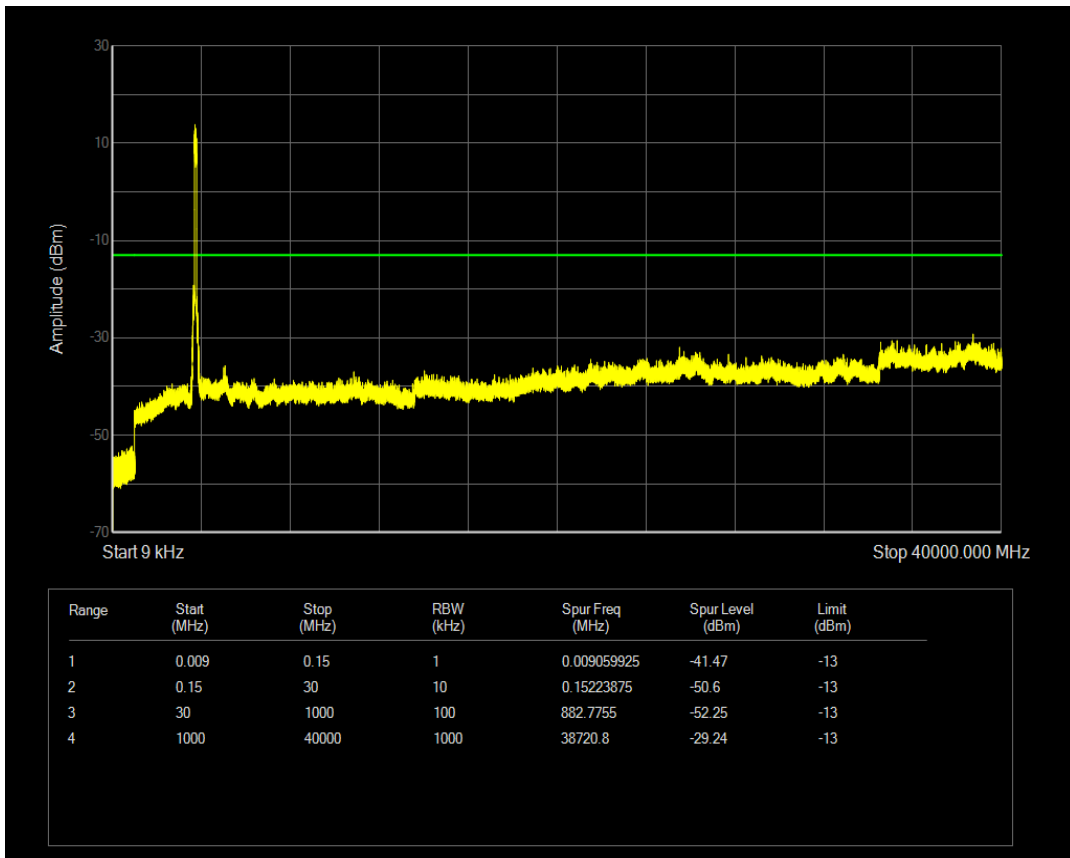
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@0



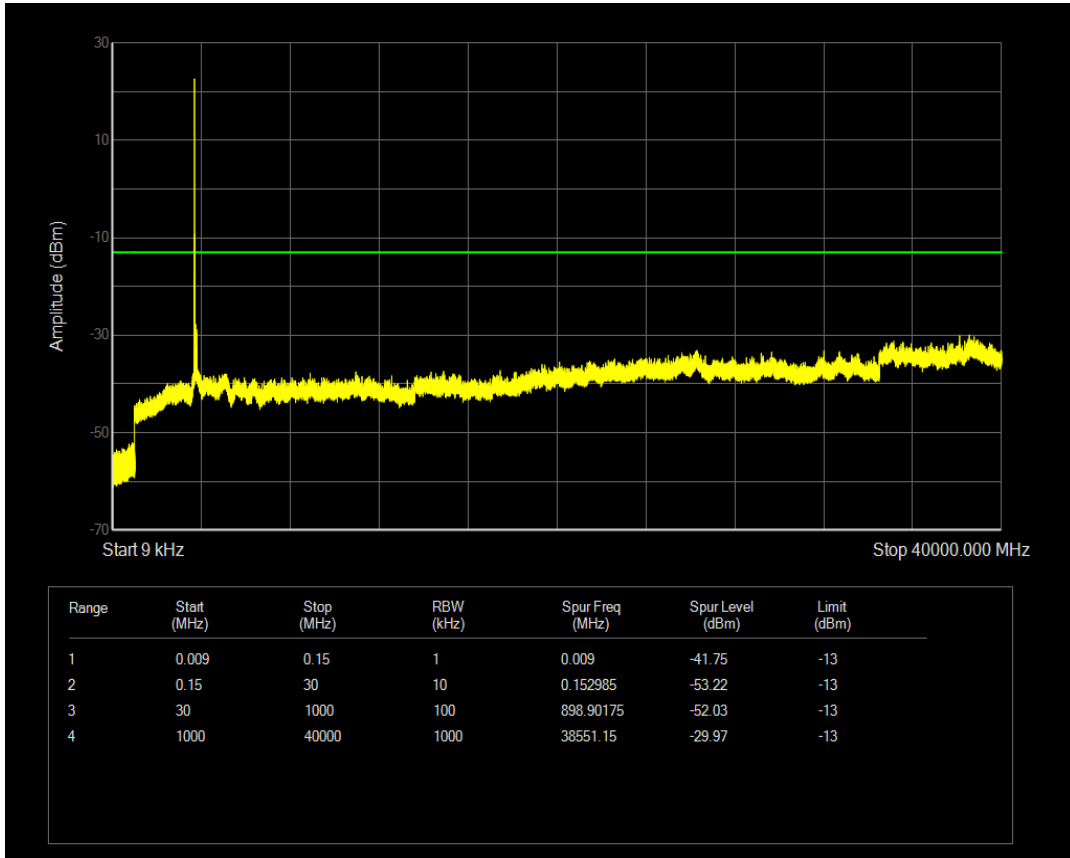
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



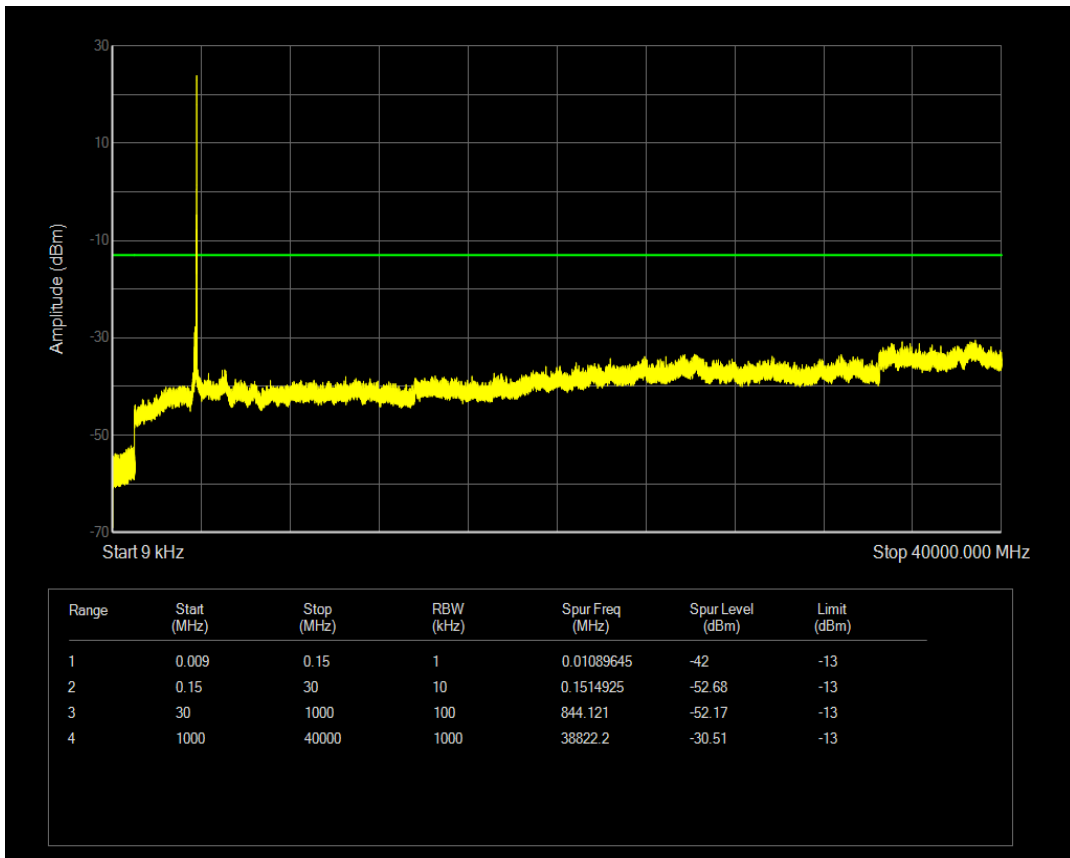
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



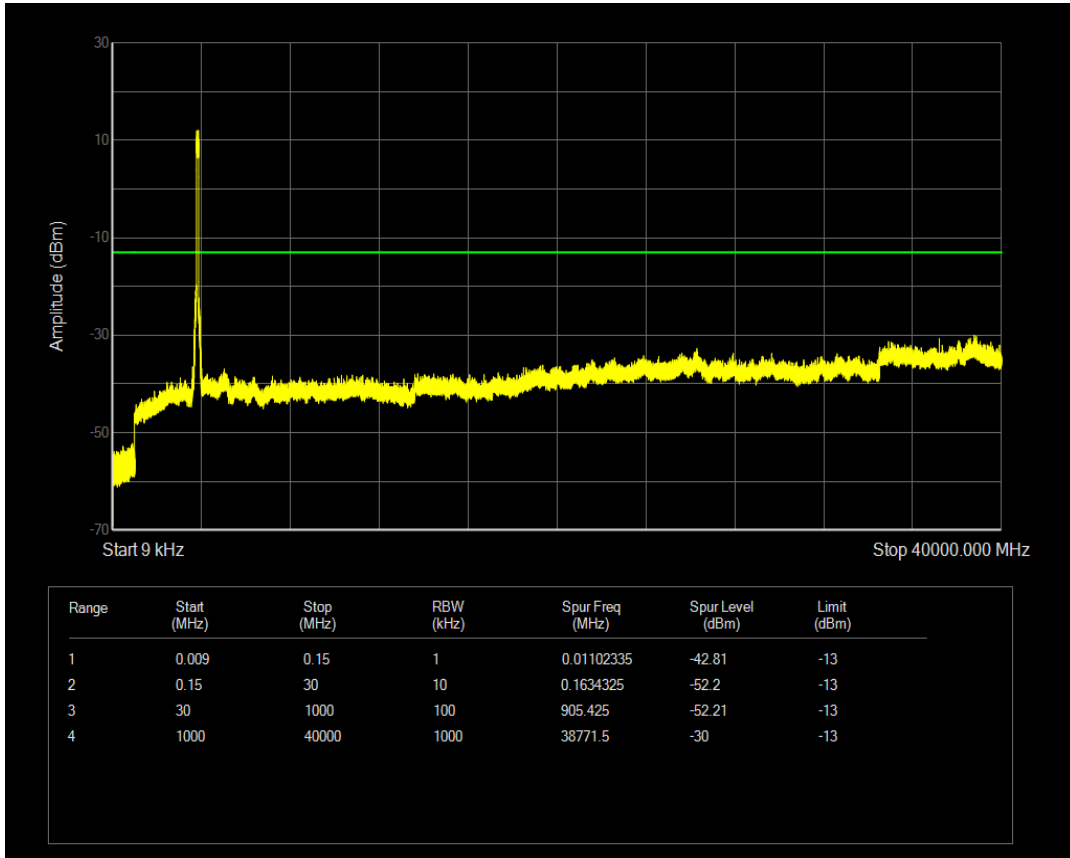
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



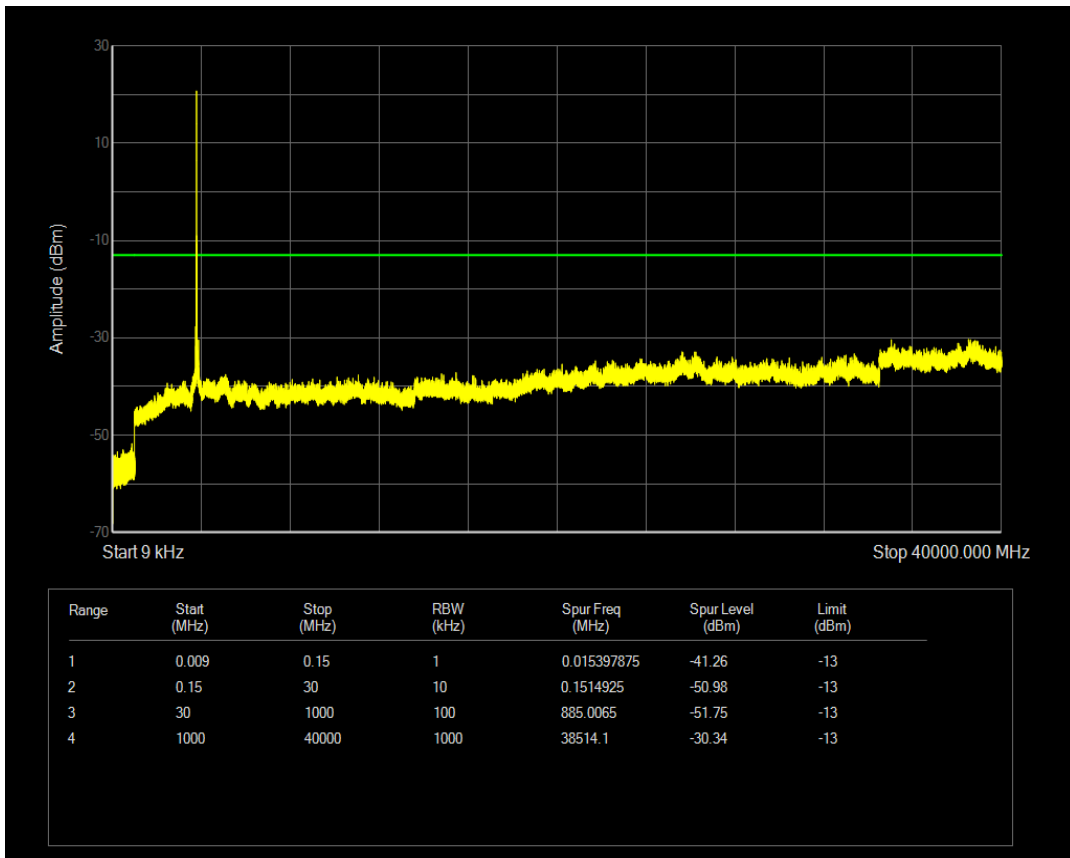
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@272



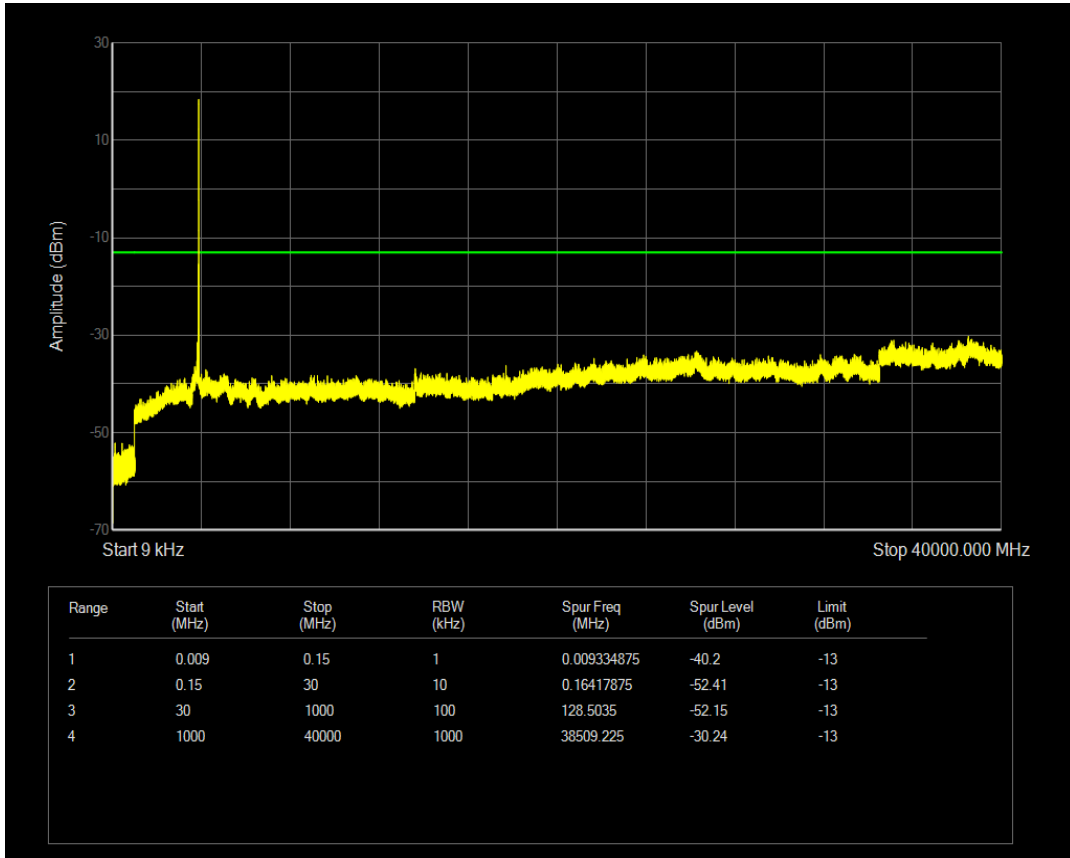
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



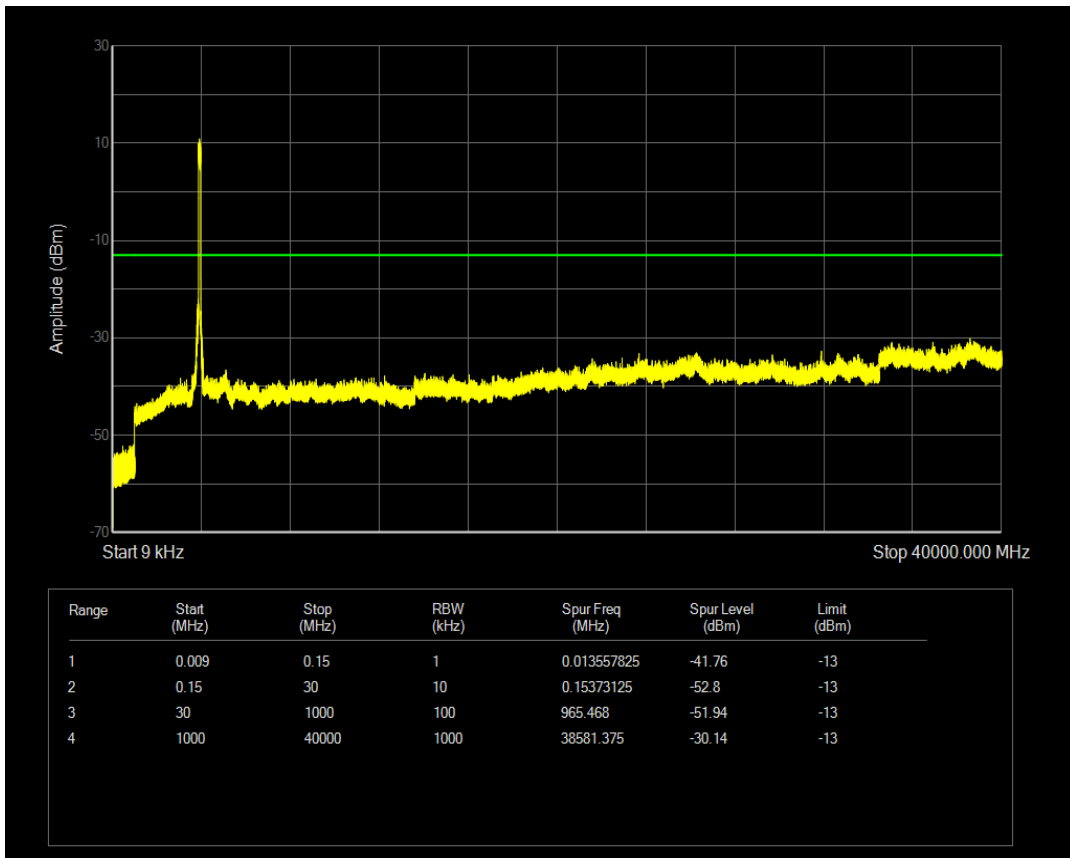
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@0



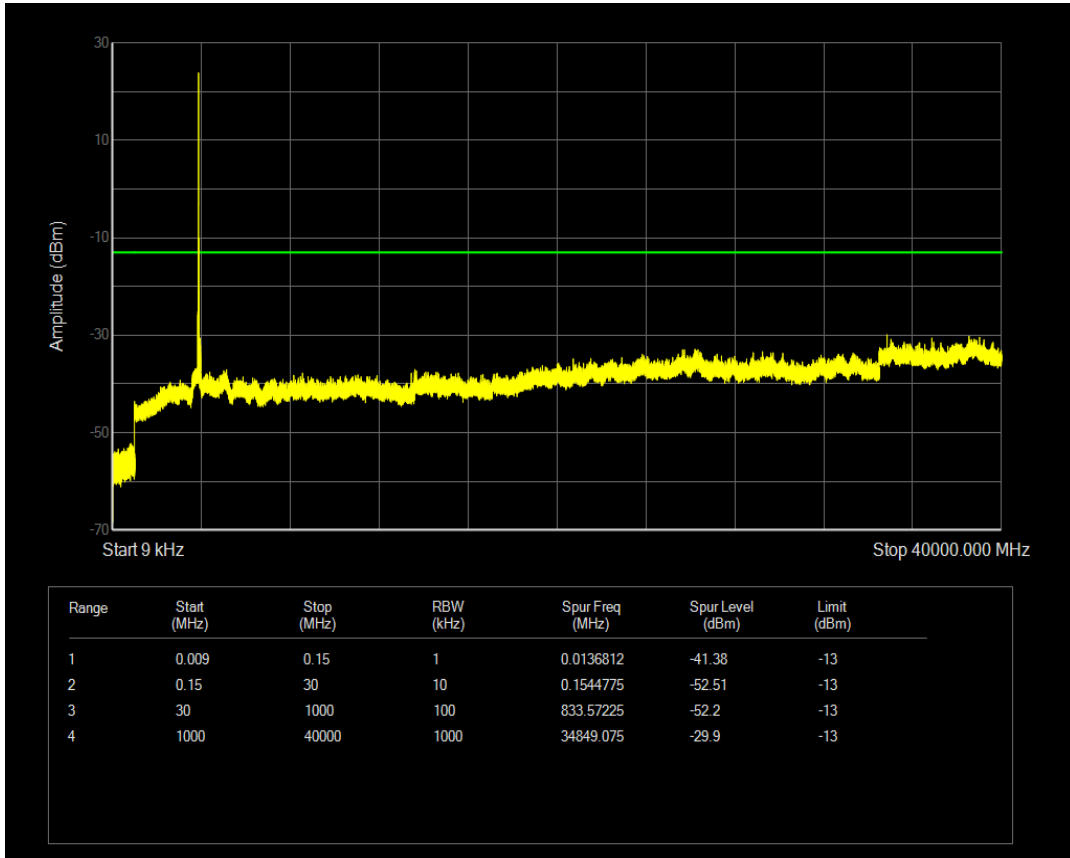
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@272



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272

