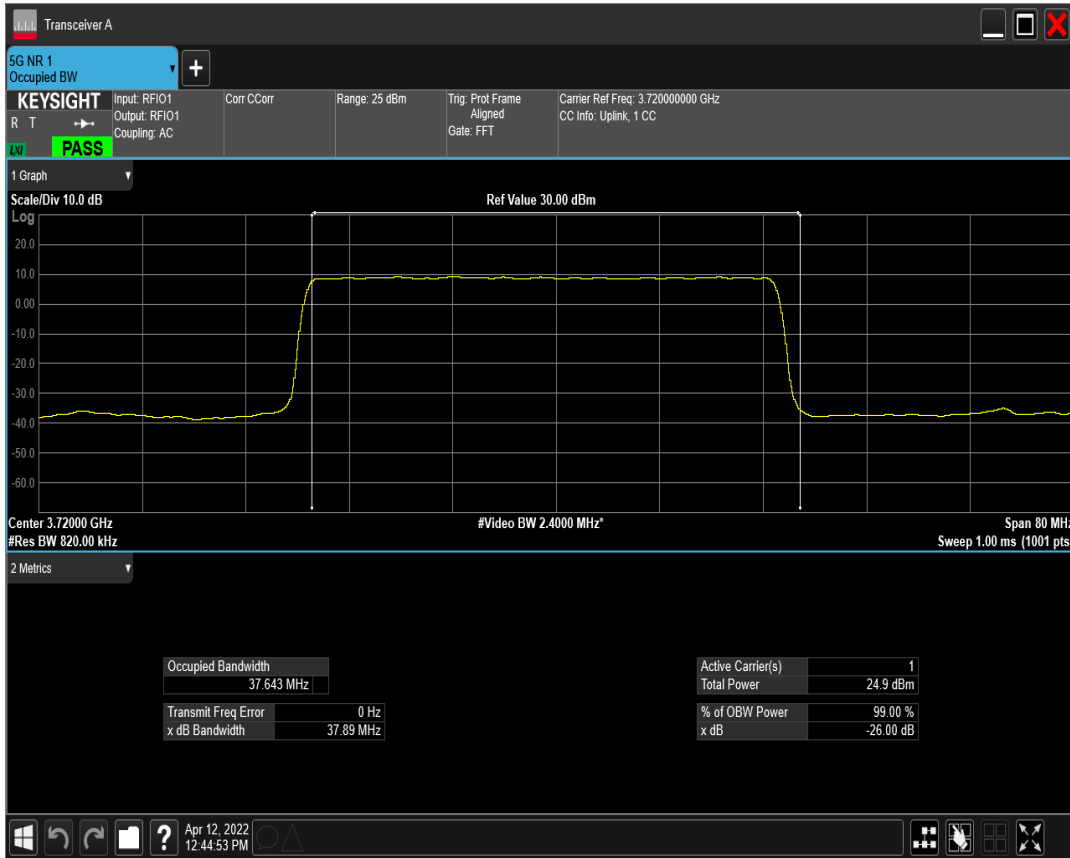


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=648000 RB=100@0



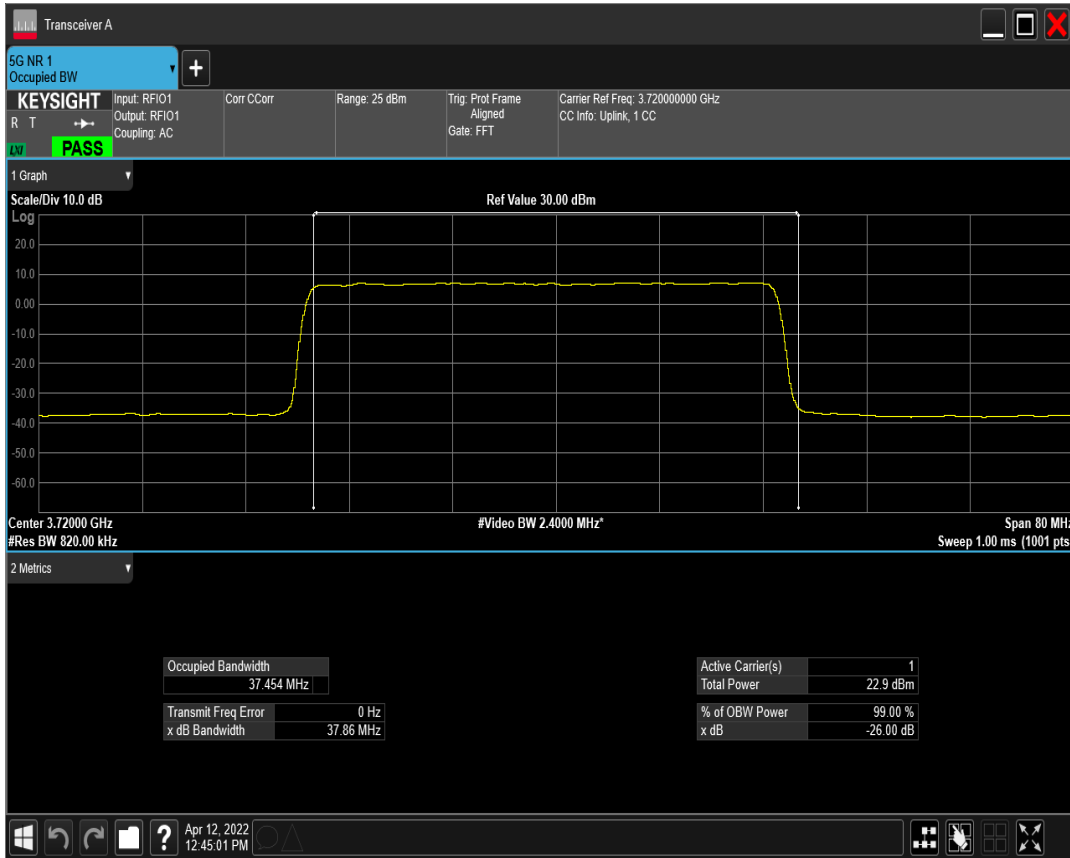
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=648000 RB=100@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=648000 RB=100@0



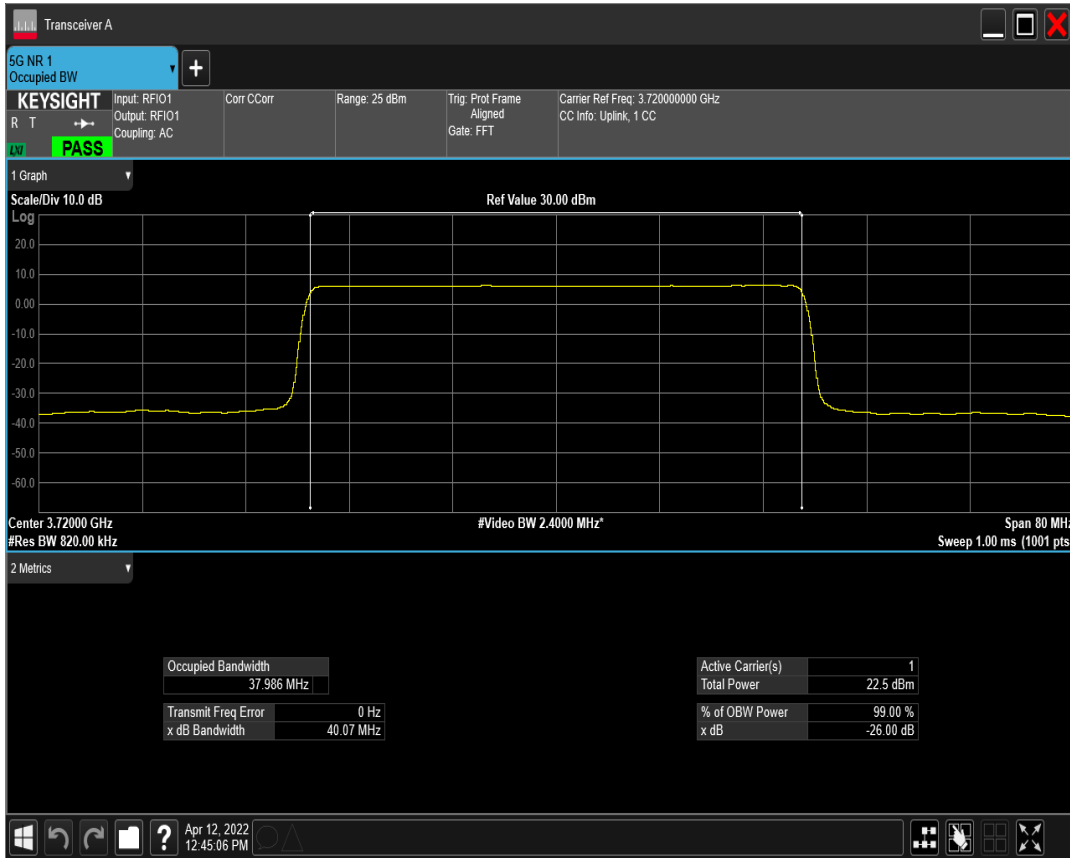
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=648000 RB=100@0



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

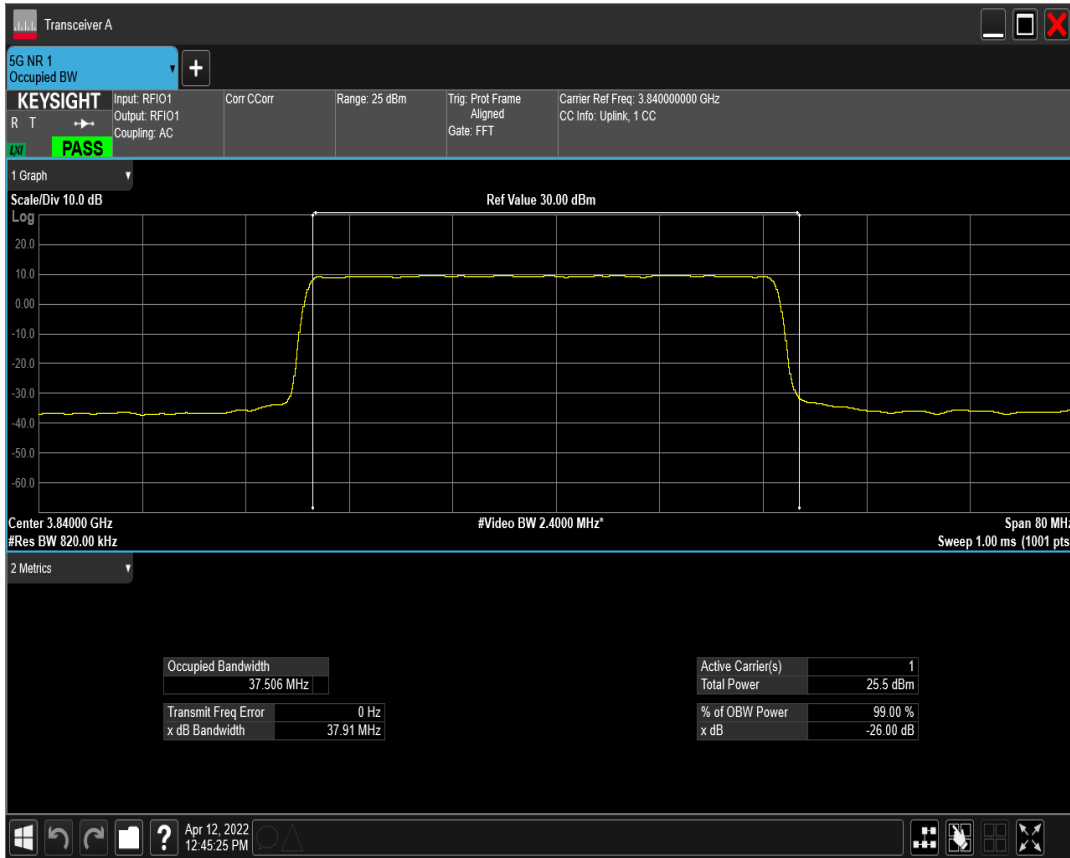


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=656000 RB=100@0

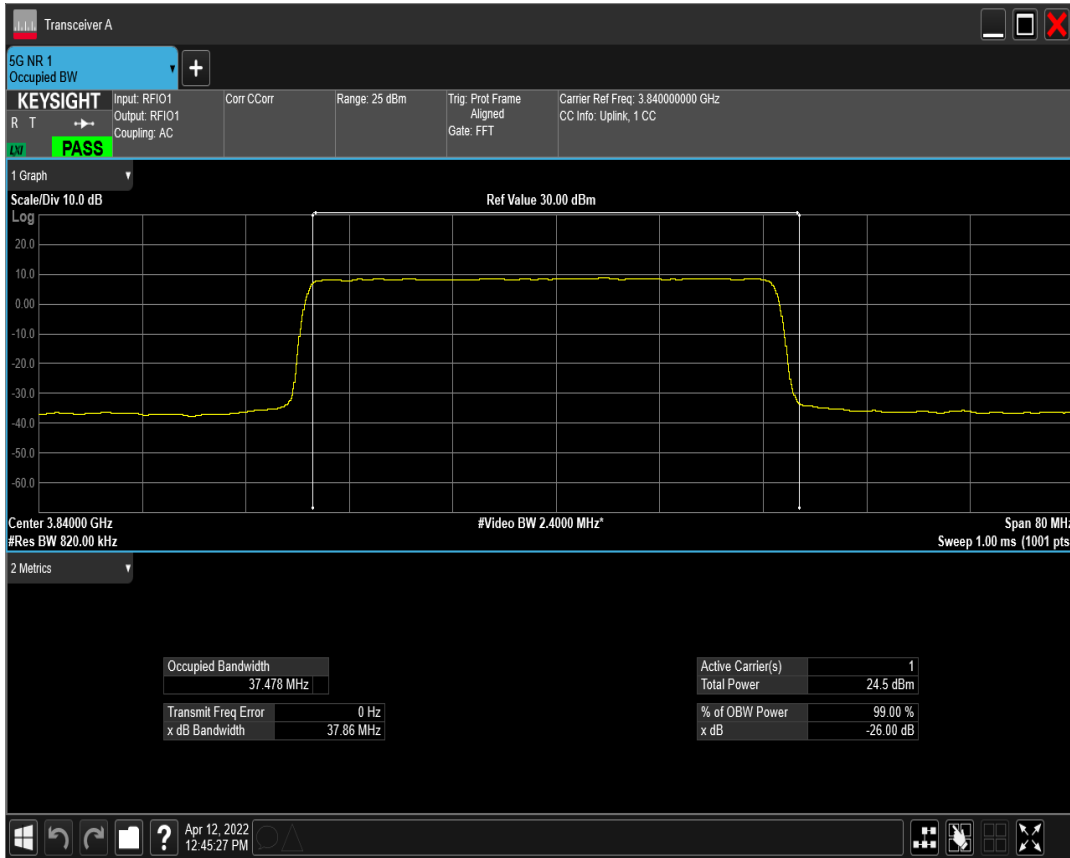


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=656000 RB=100@0

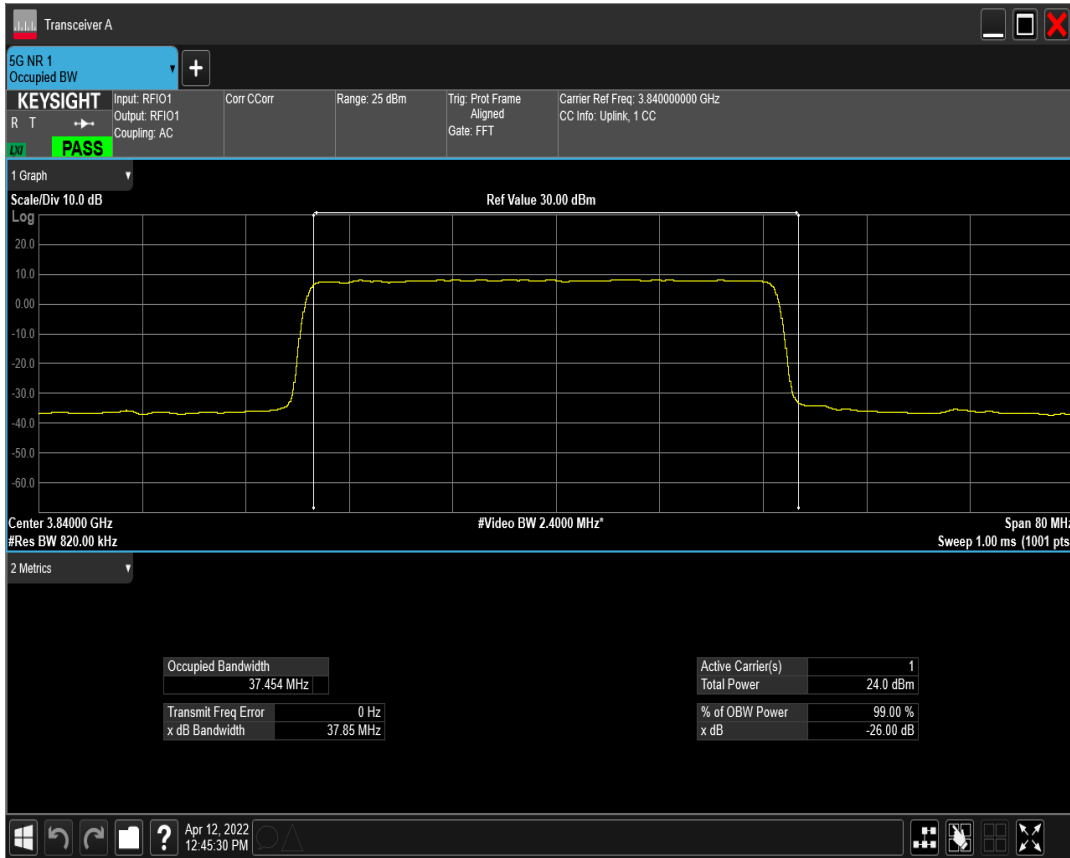




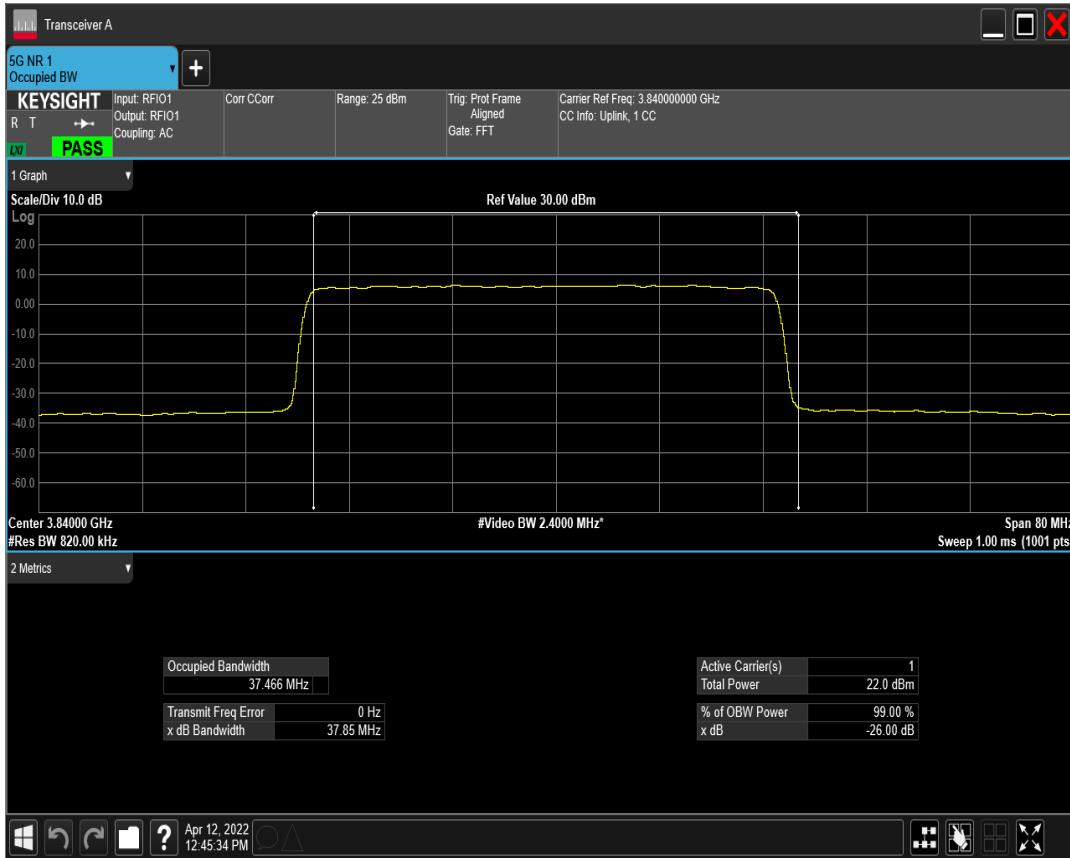
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=100@0



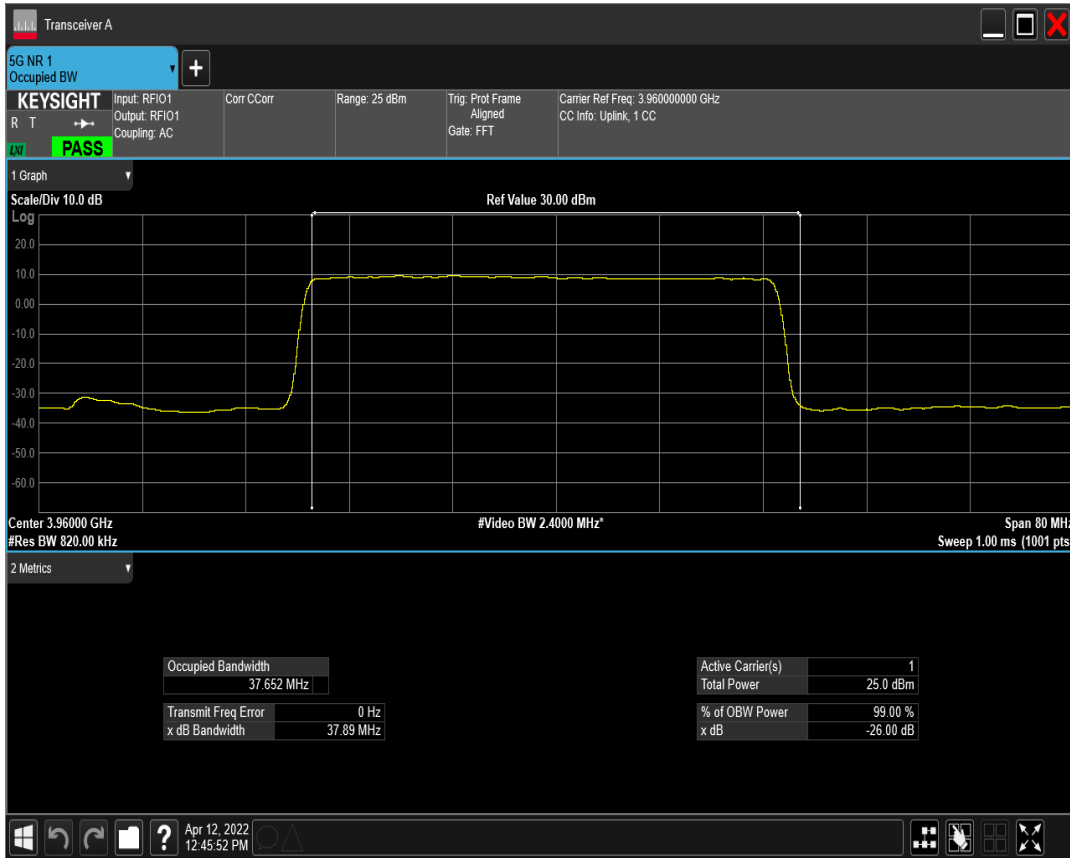
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=100@0



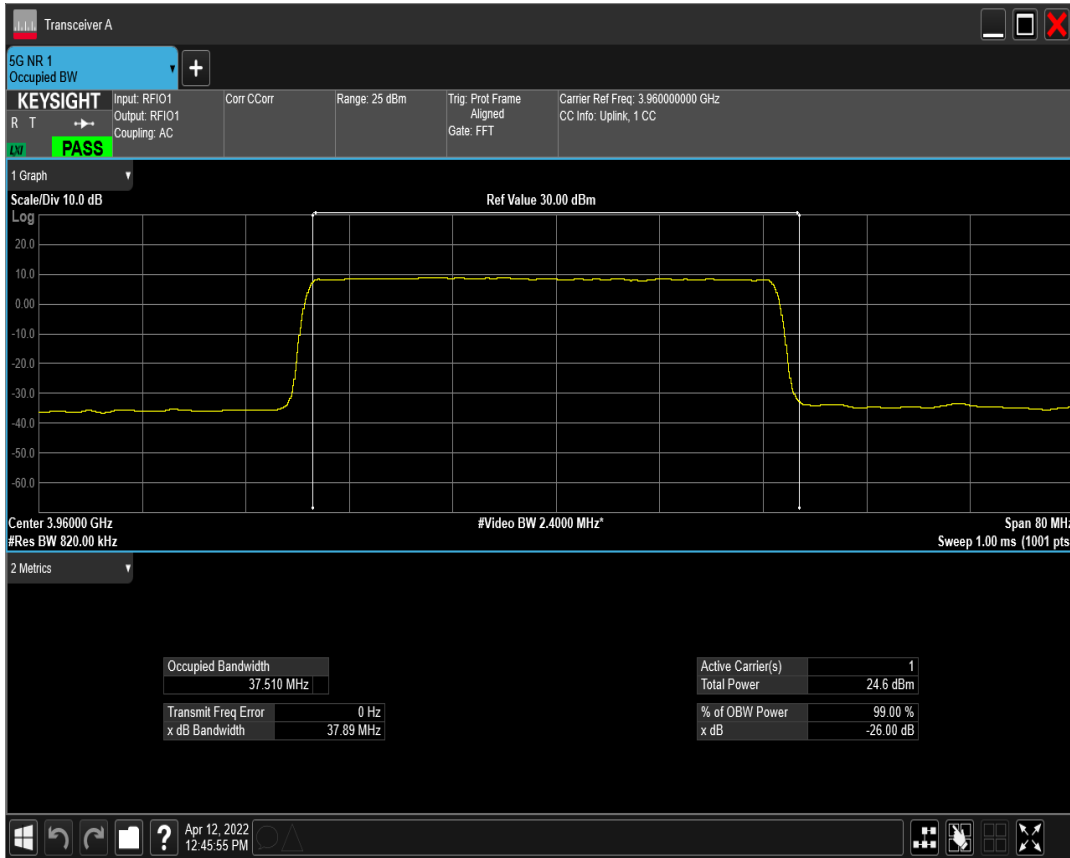
n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=656000 RB=106@0



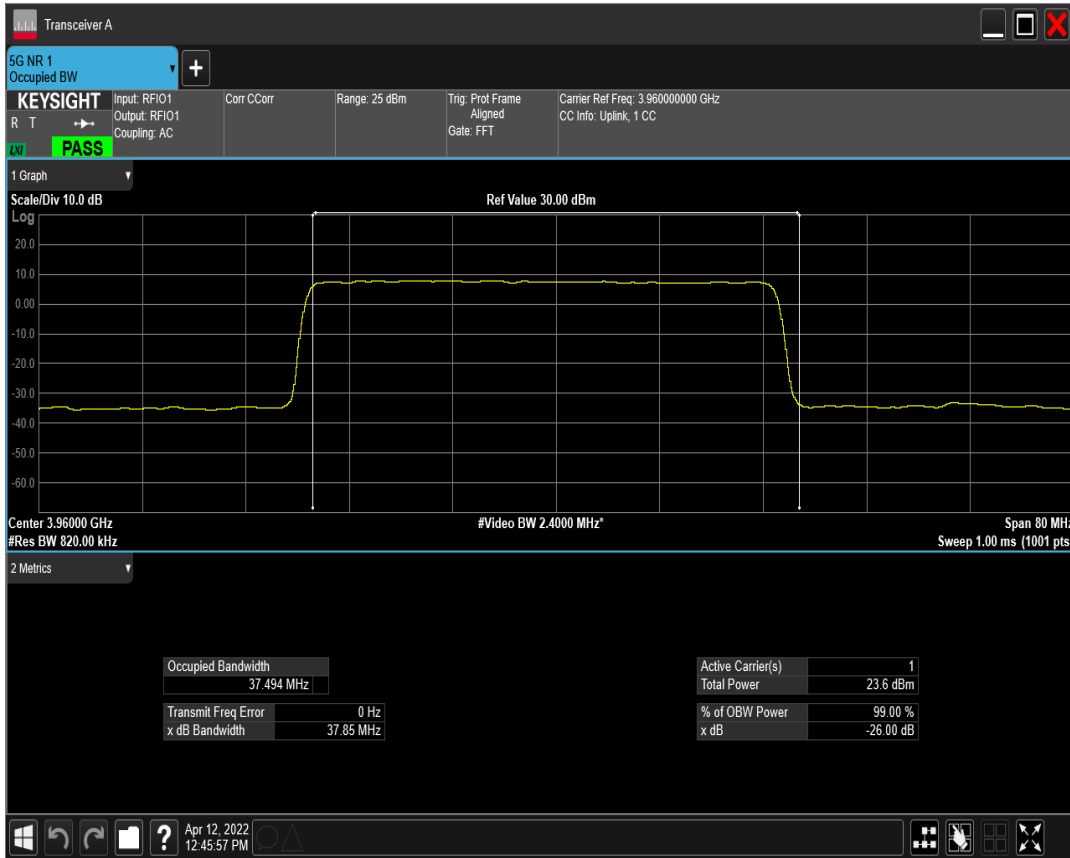
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=664000 RB=100@0



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

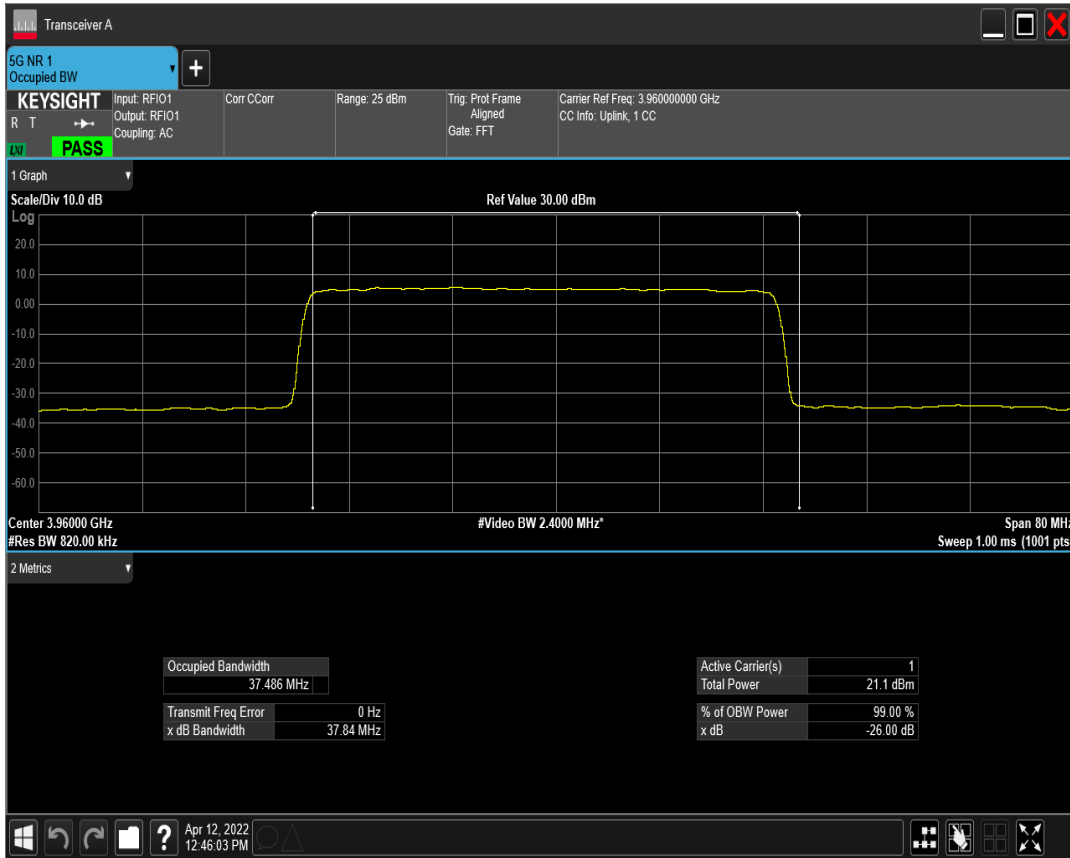


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=664000 RB=100@0

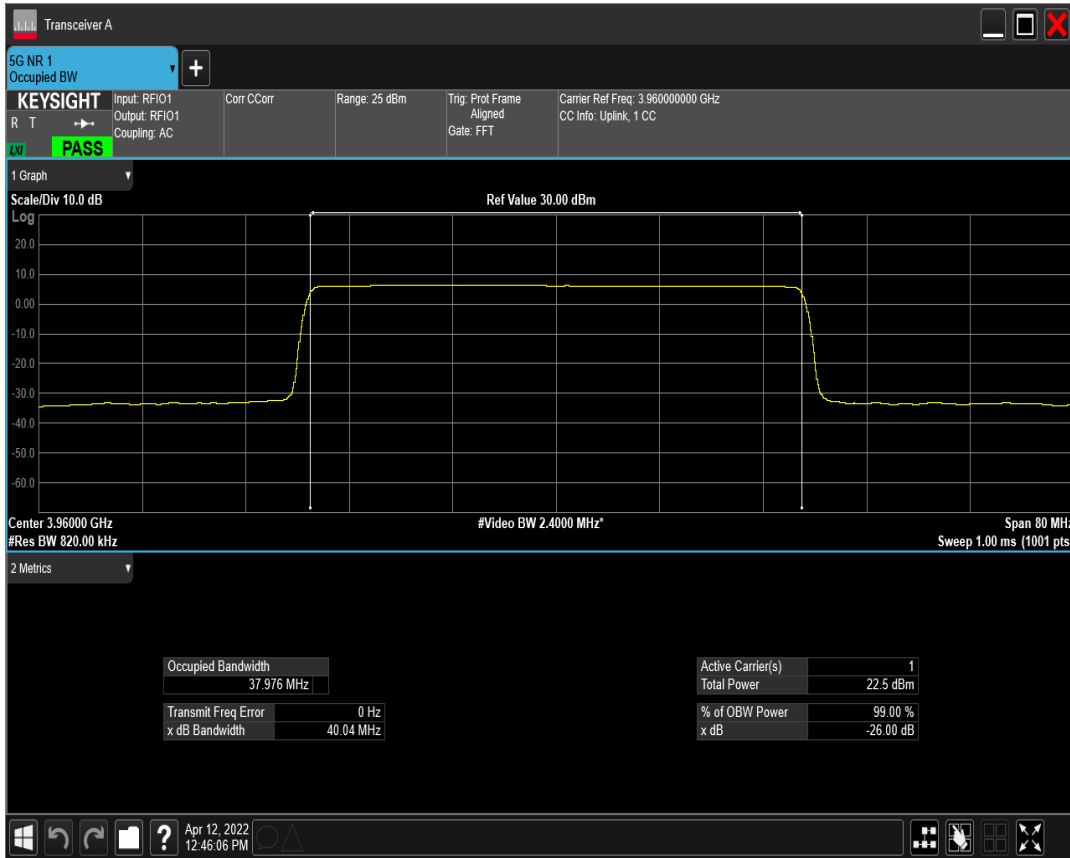




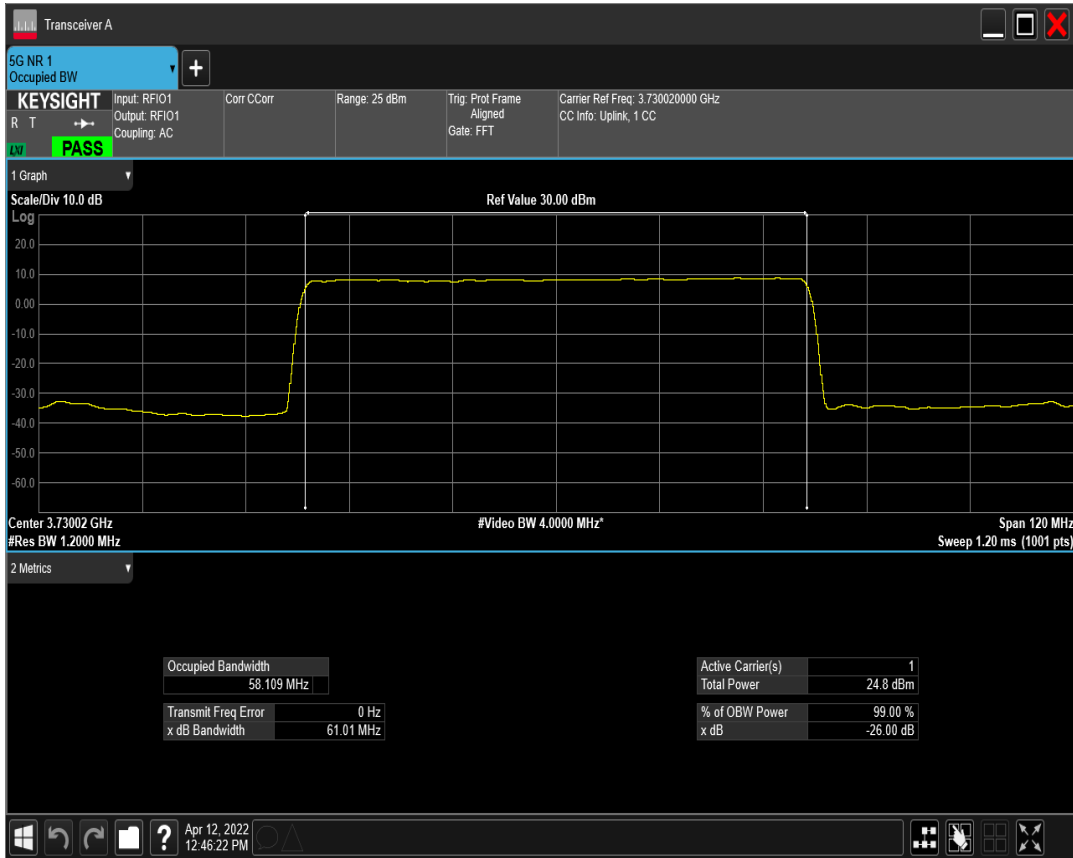
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=664000 RB=100@0



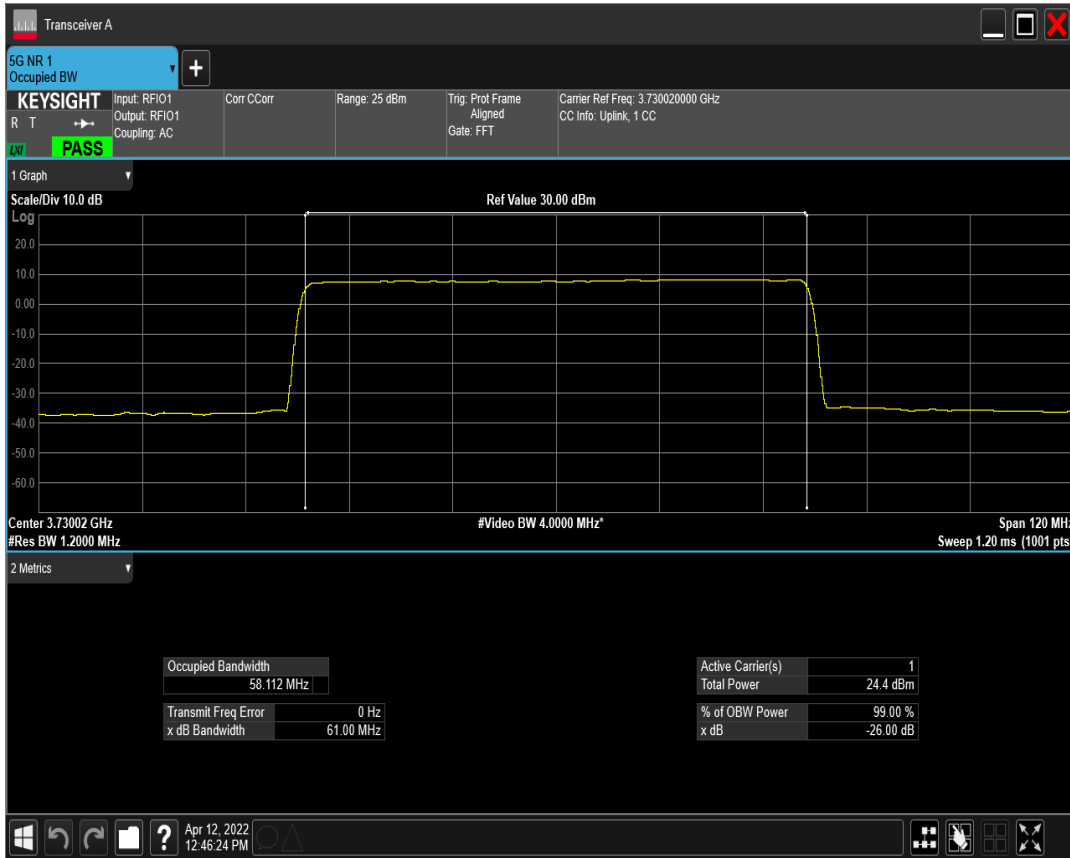
n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=664000 RB=106@0



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



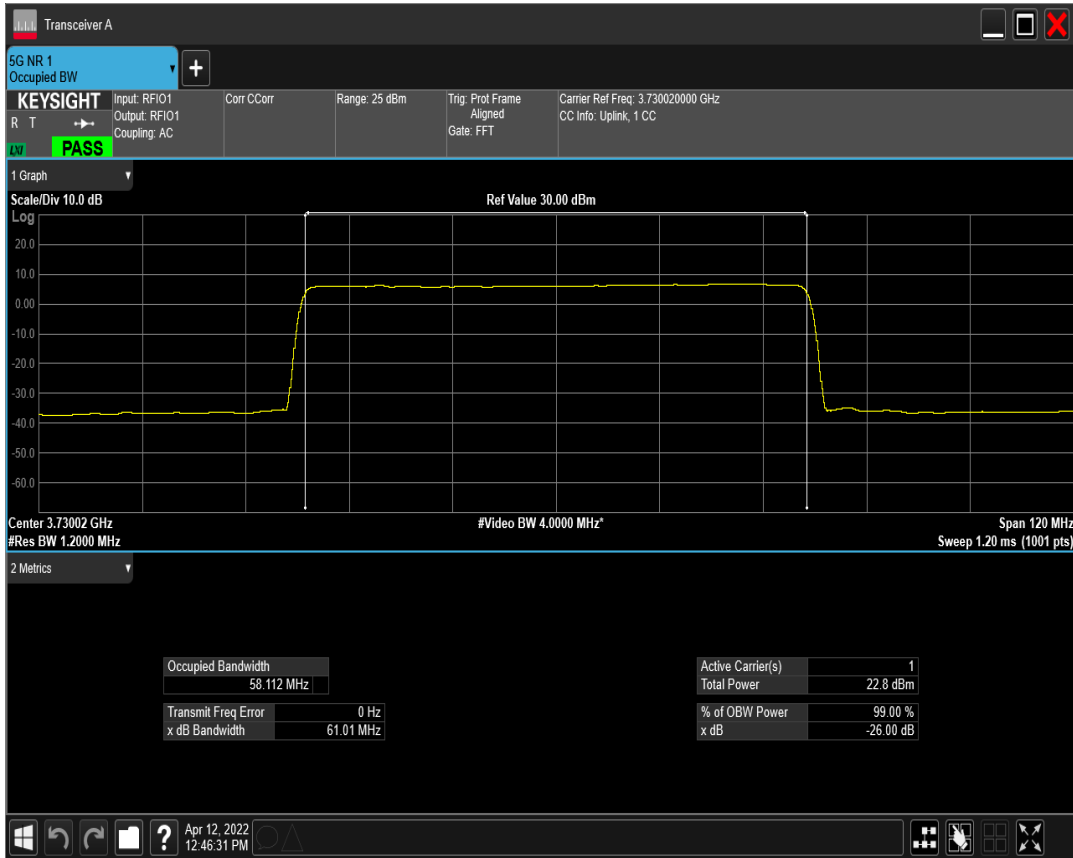
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=648668 RB=162@0



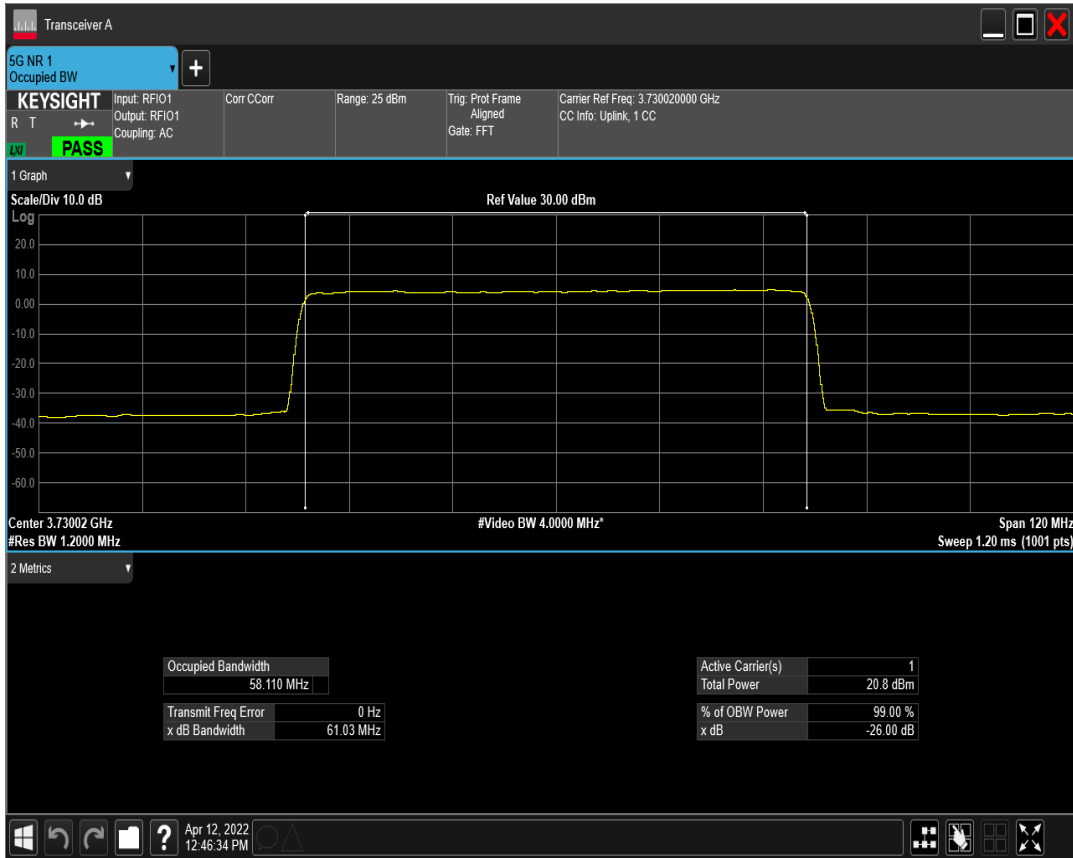
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=648668 RB=162@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=648668 RB=162@0

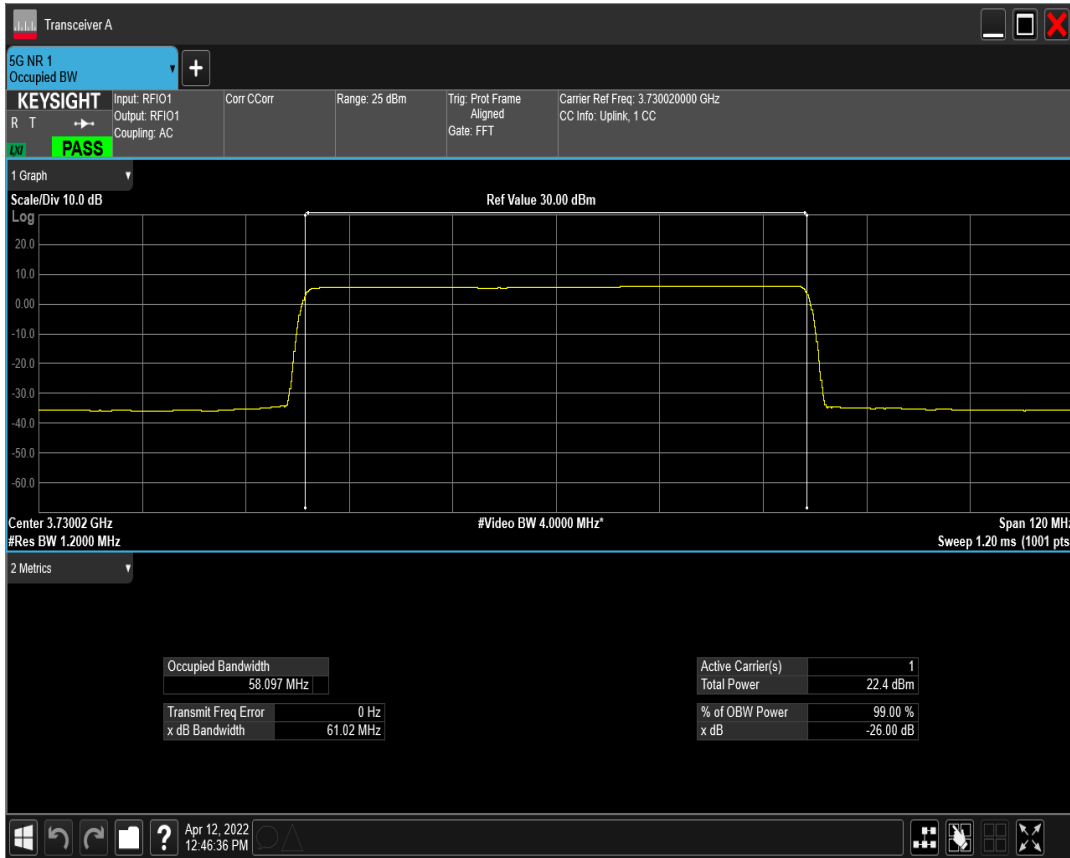


n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=648668 RB=162@0



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

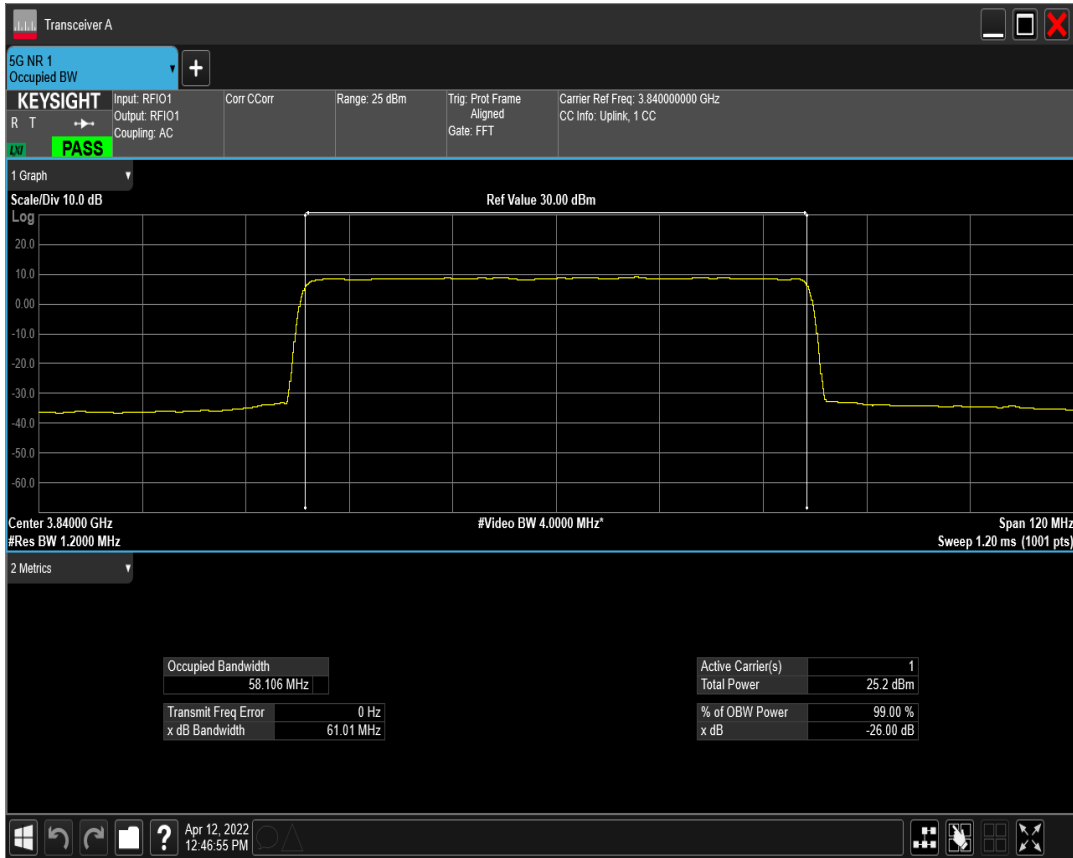




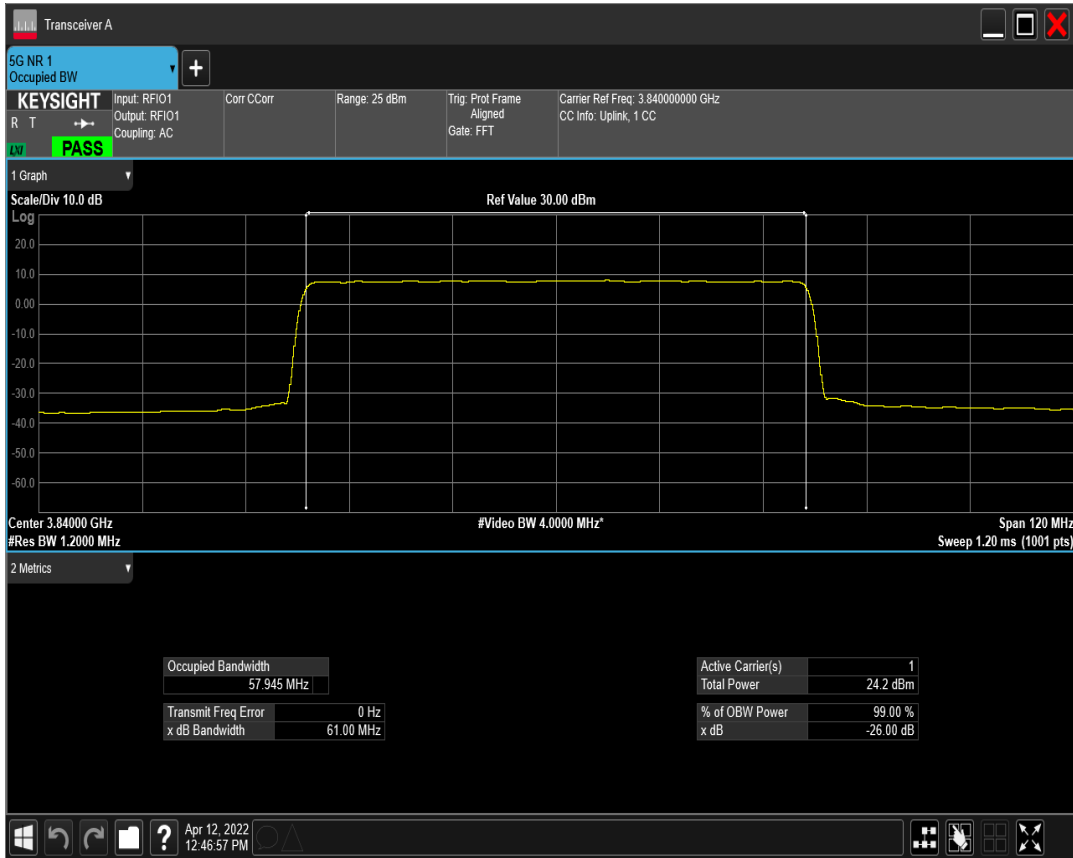
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=656000 RB=162@0



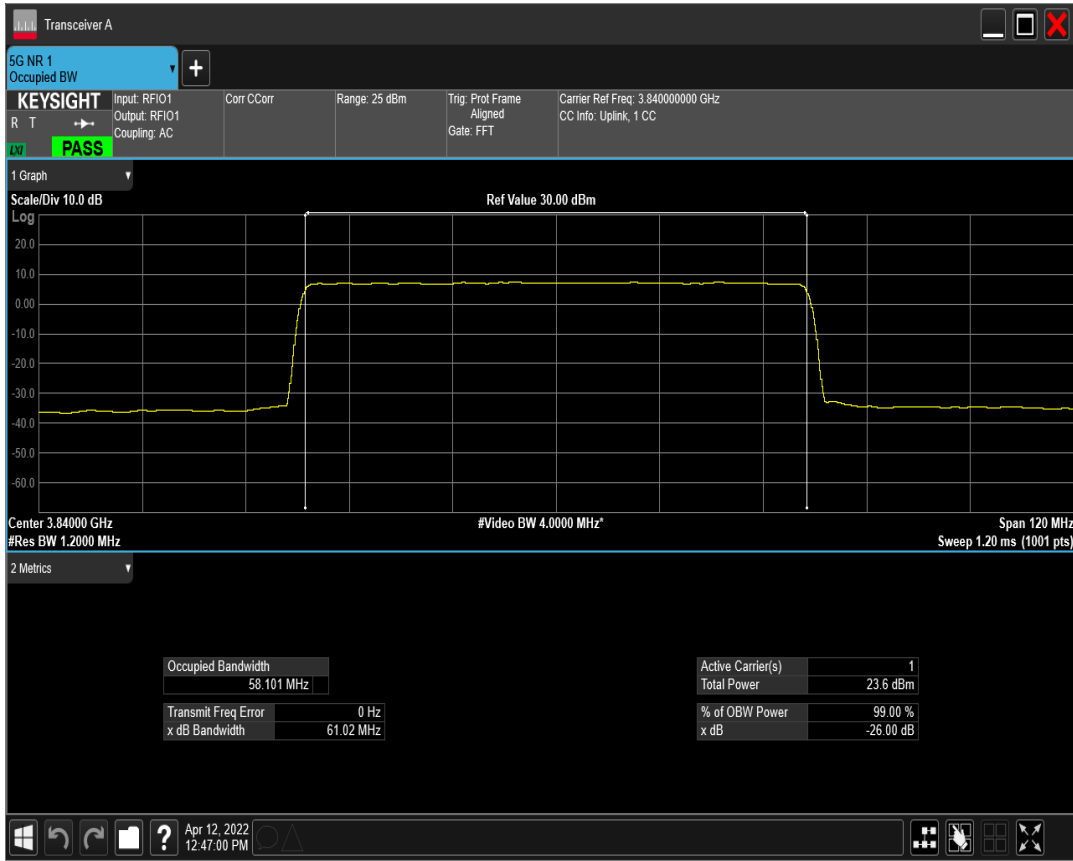
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=656000 RB=162@0



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



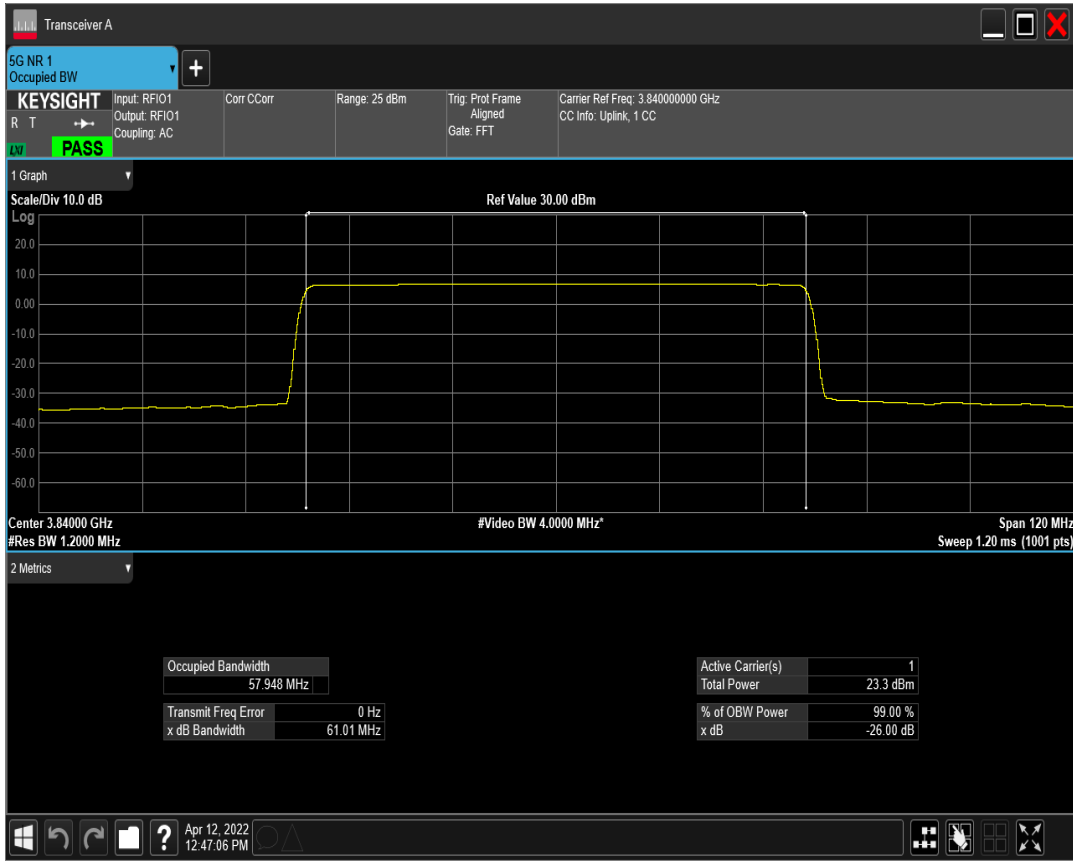
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=656000 RB=162@0



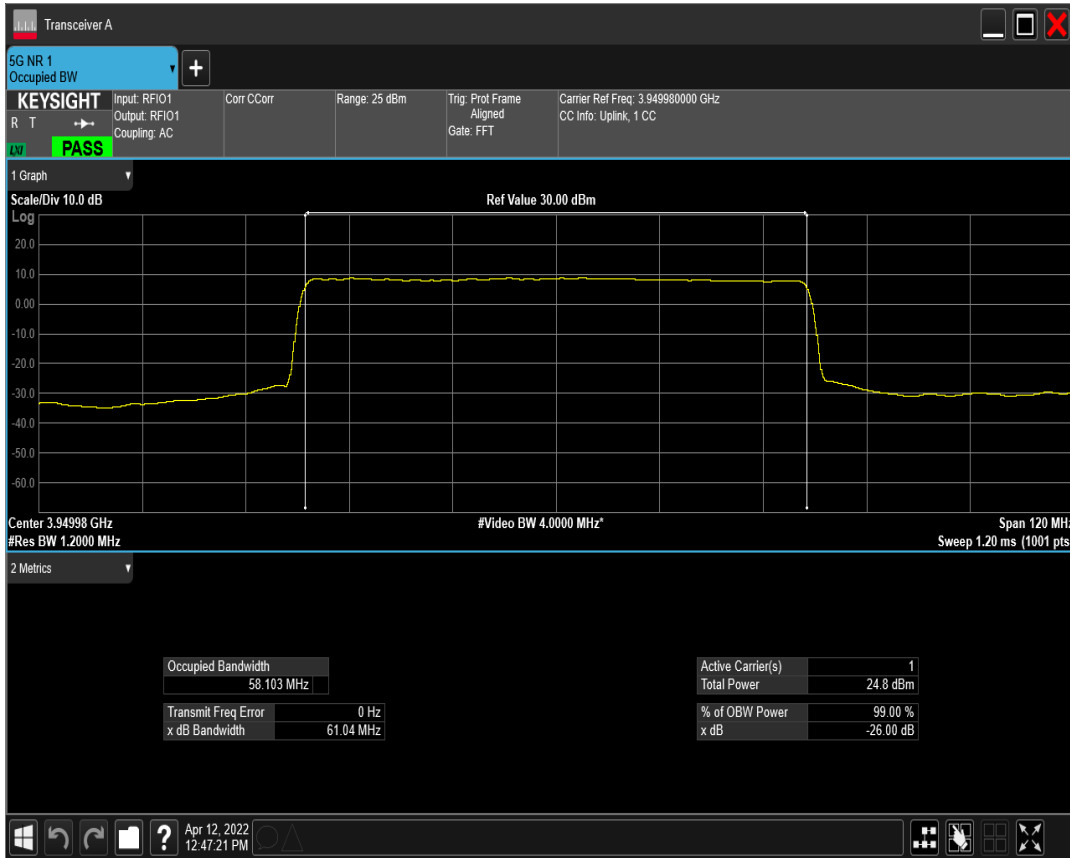
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=656000 RB=162@0



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

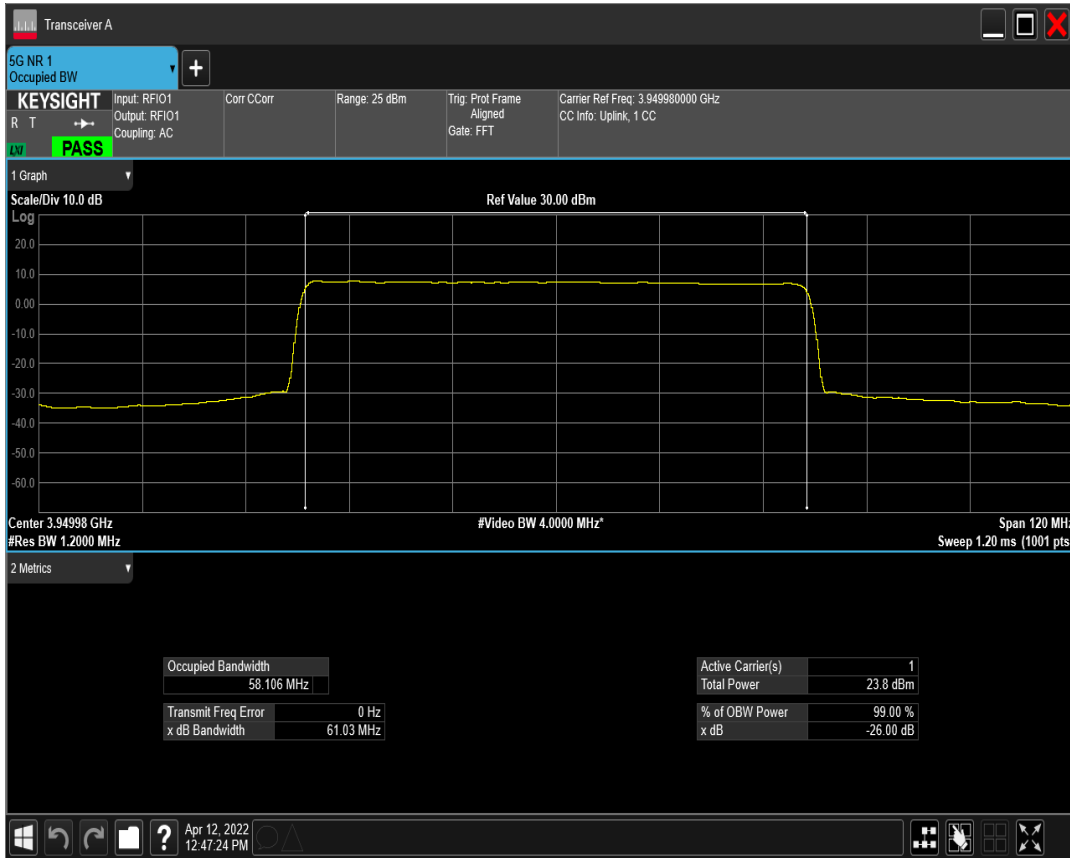


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=663332 RB=162@0

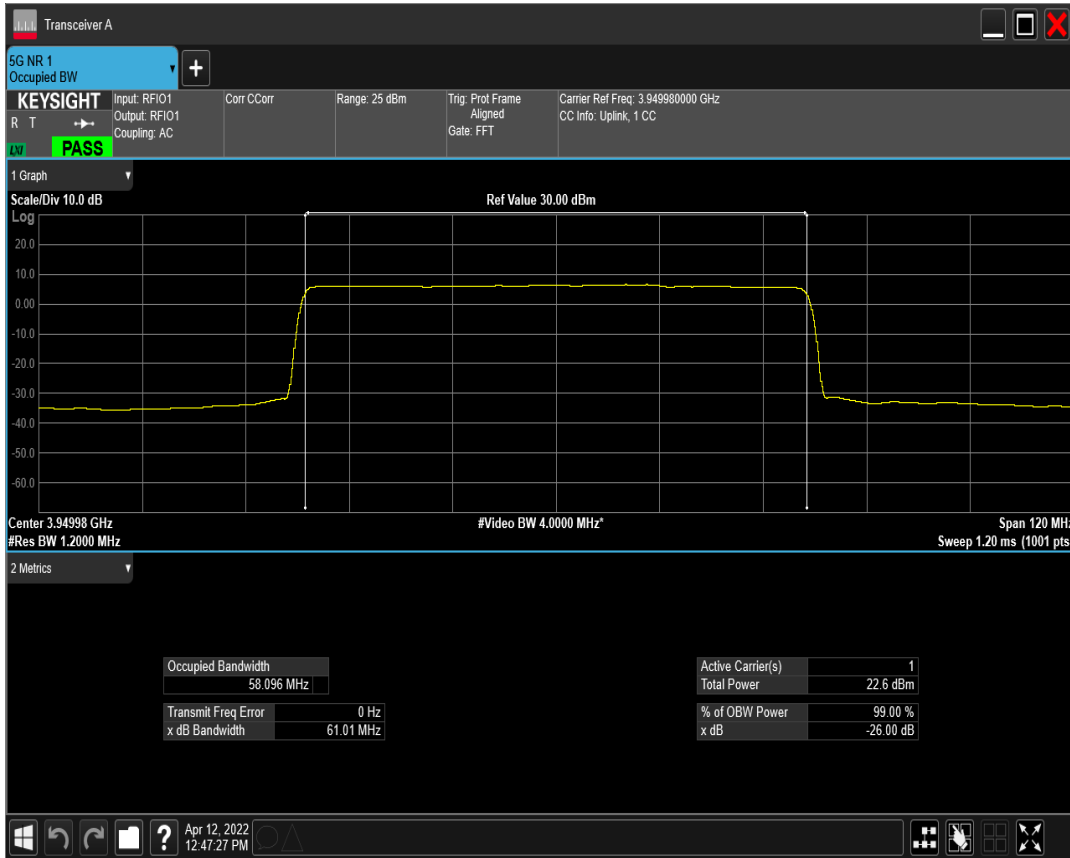


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=663332 RB=162@0

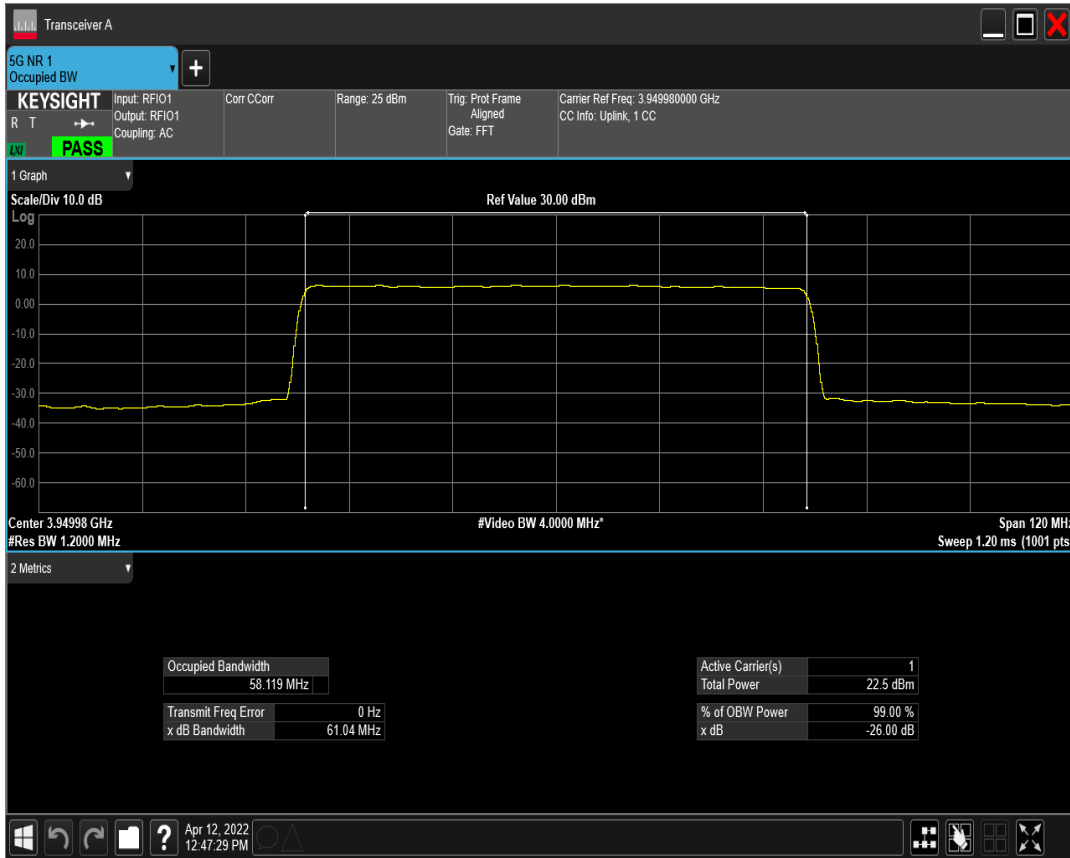




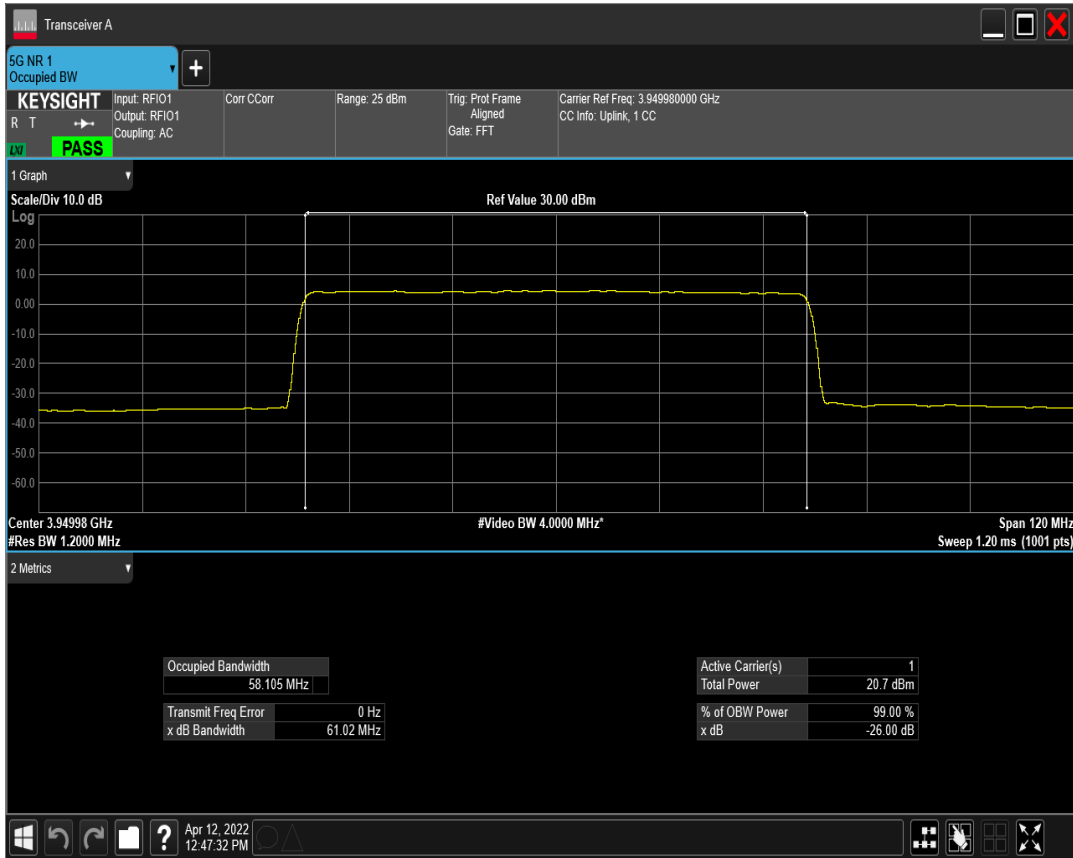
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=663332 RB=162@0



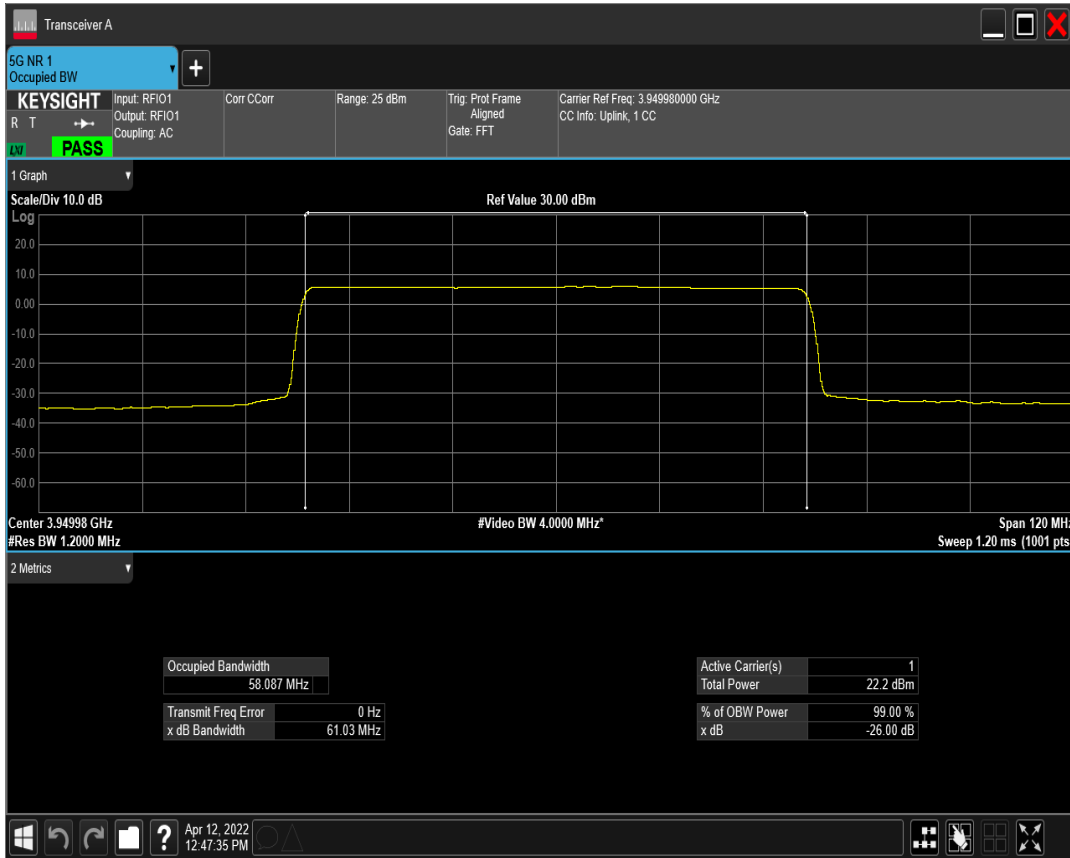
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=663332 RB=162@0



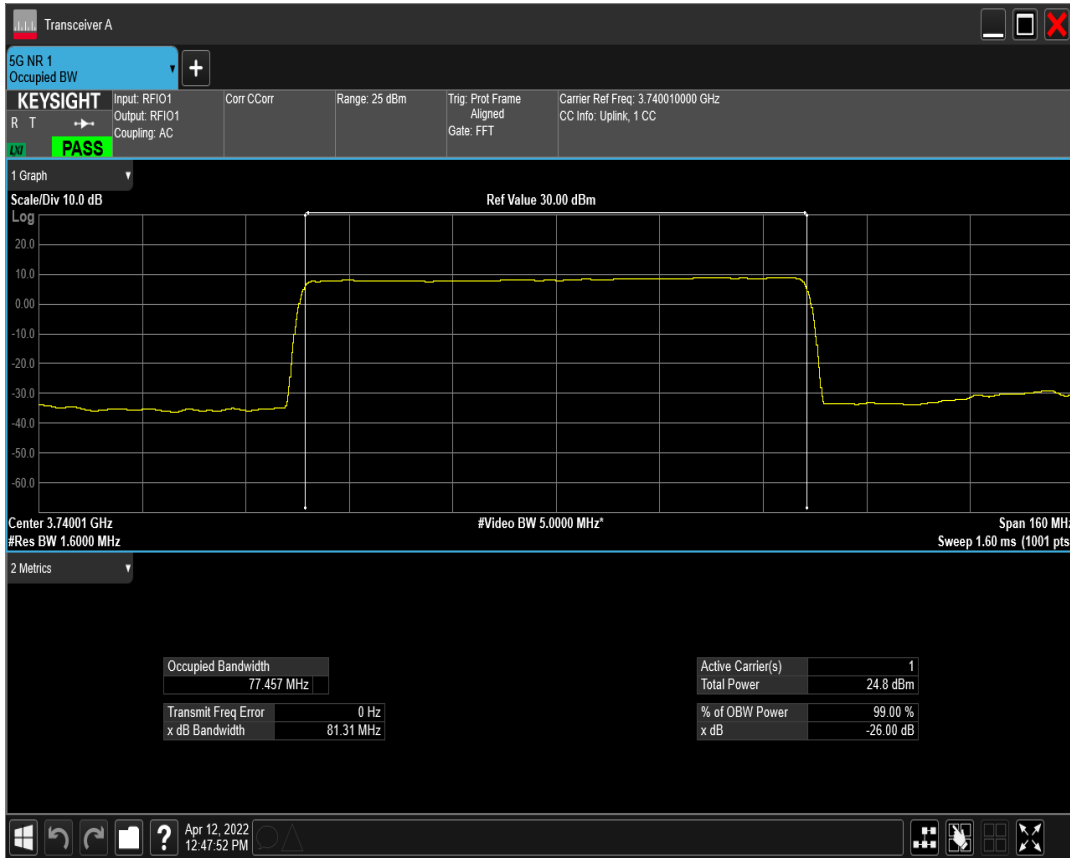
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=663332 RB=162@0



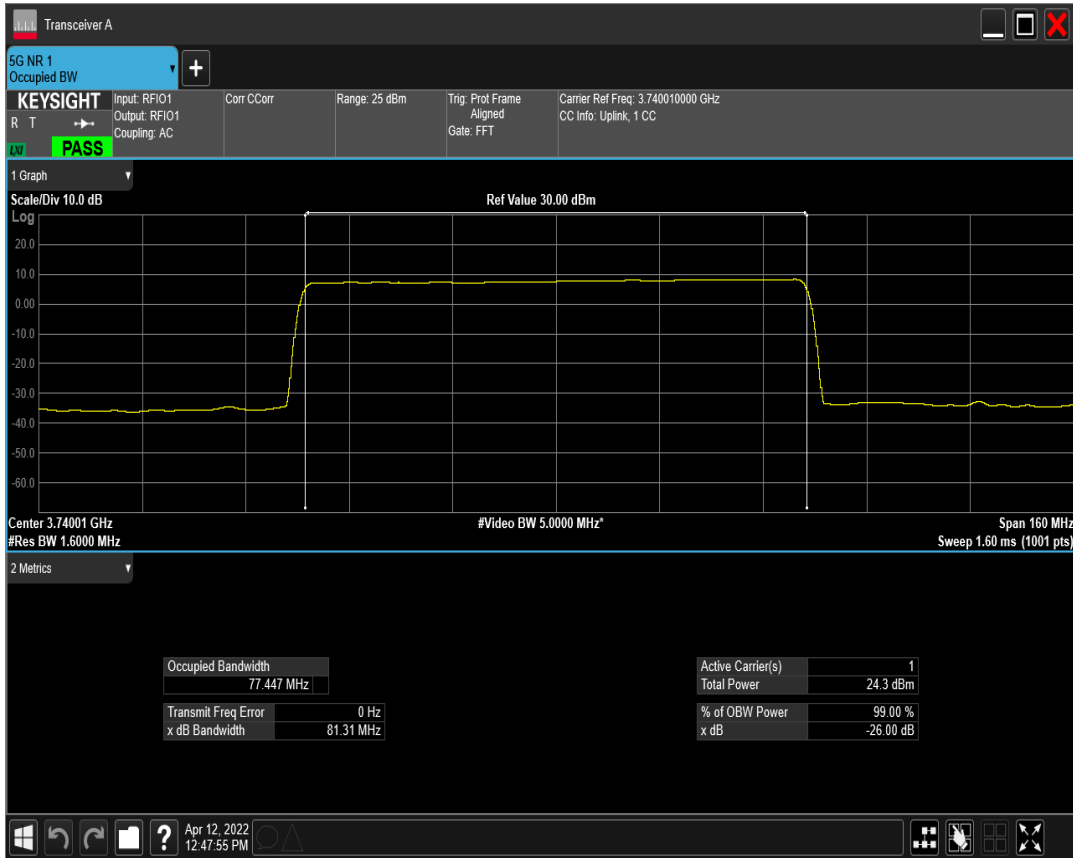
n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=663332 RB=162@0



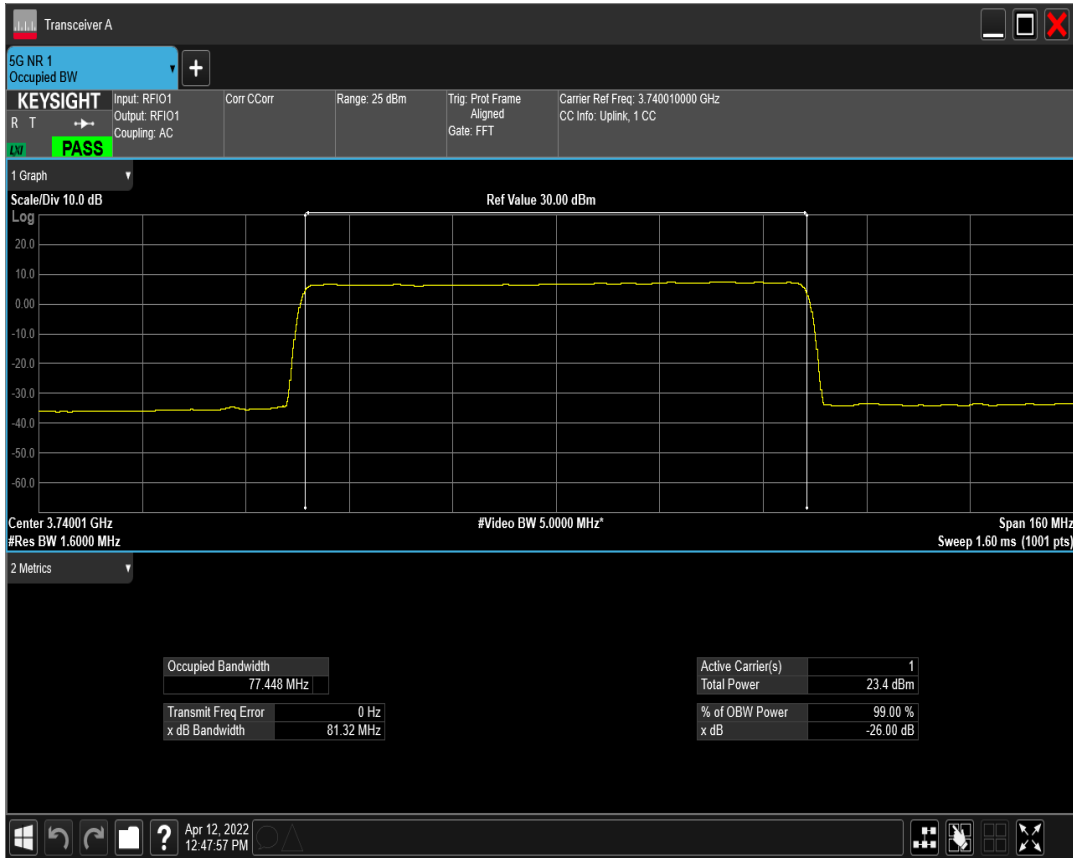
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=649334 RB=216@0



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

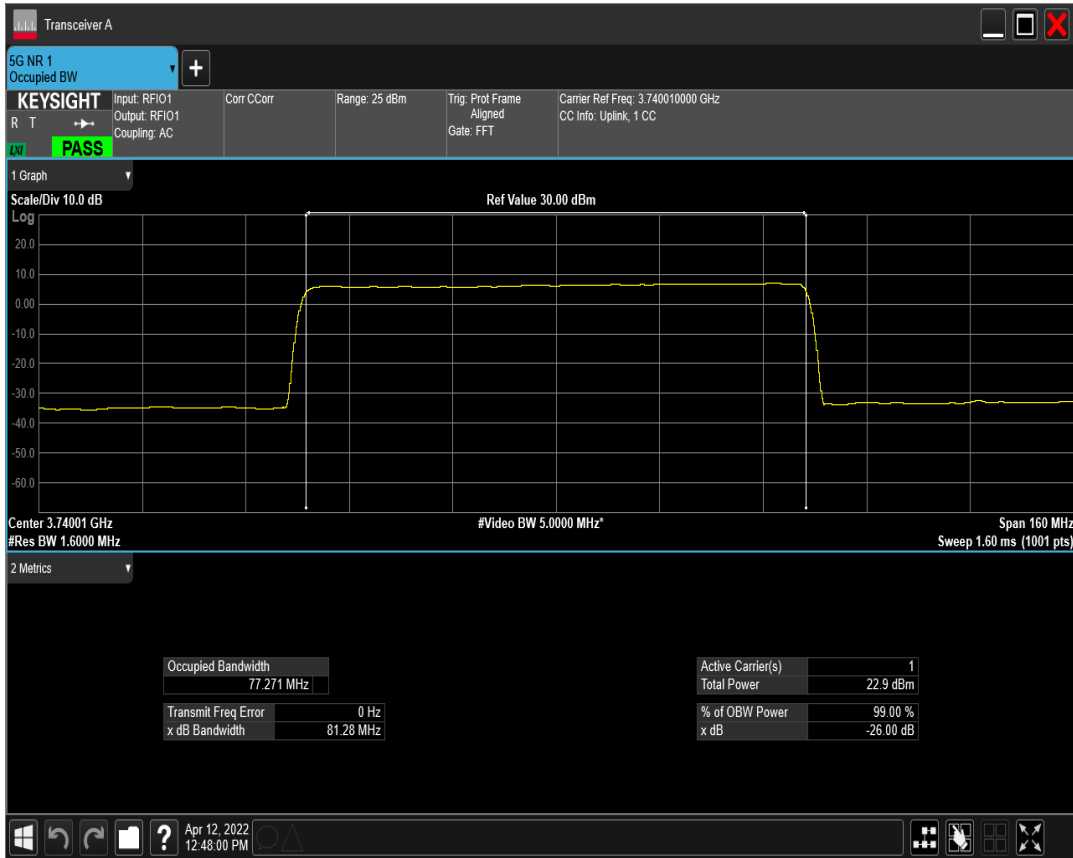


n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=649334 RB=216@0

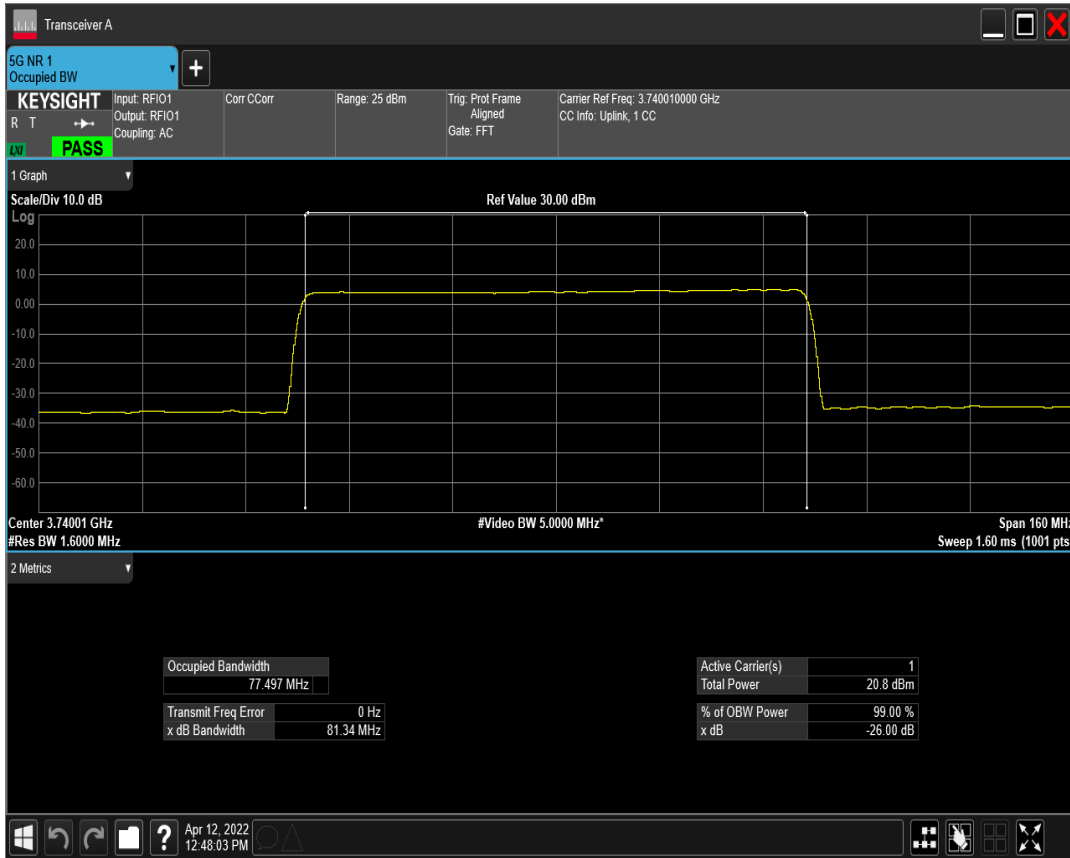


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=649334 RB=216@0

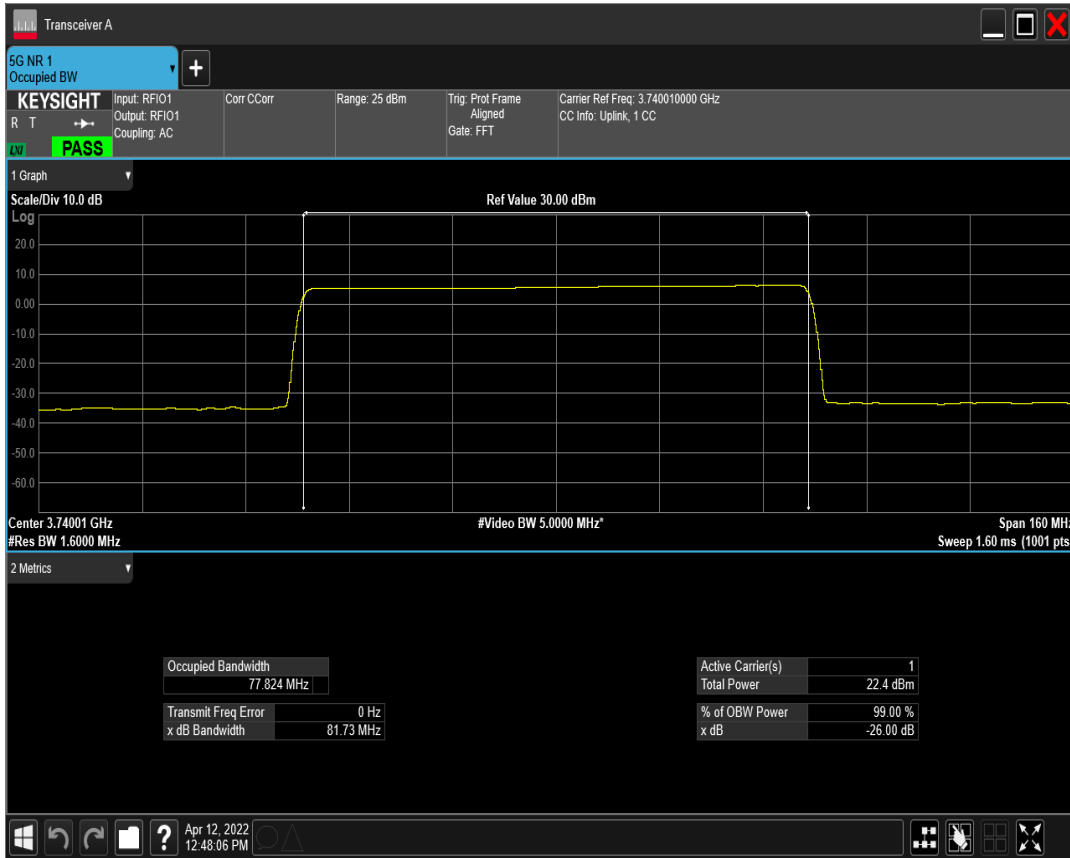




n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=649334 RB=216@0



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



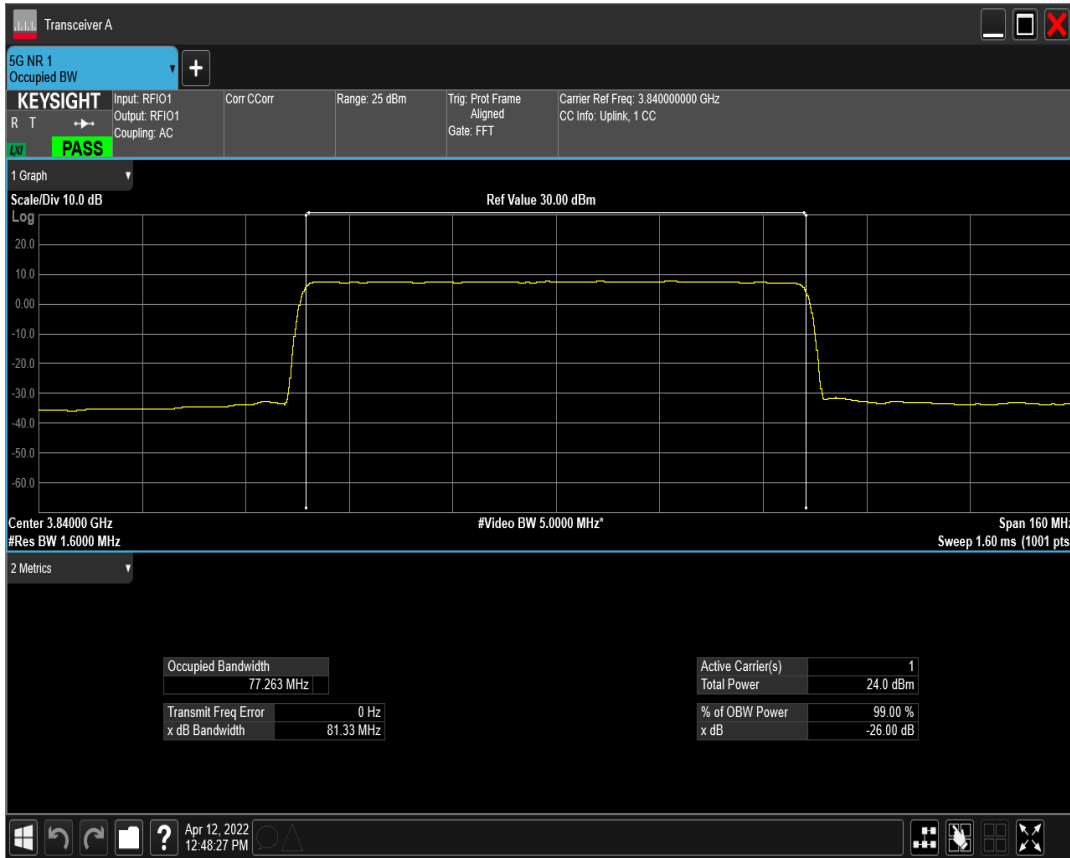
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=656000 RB=216@0



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



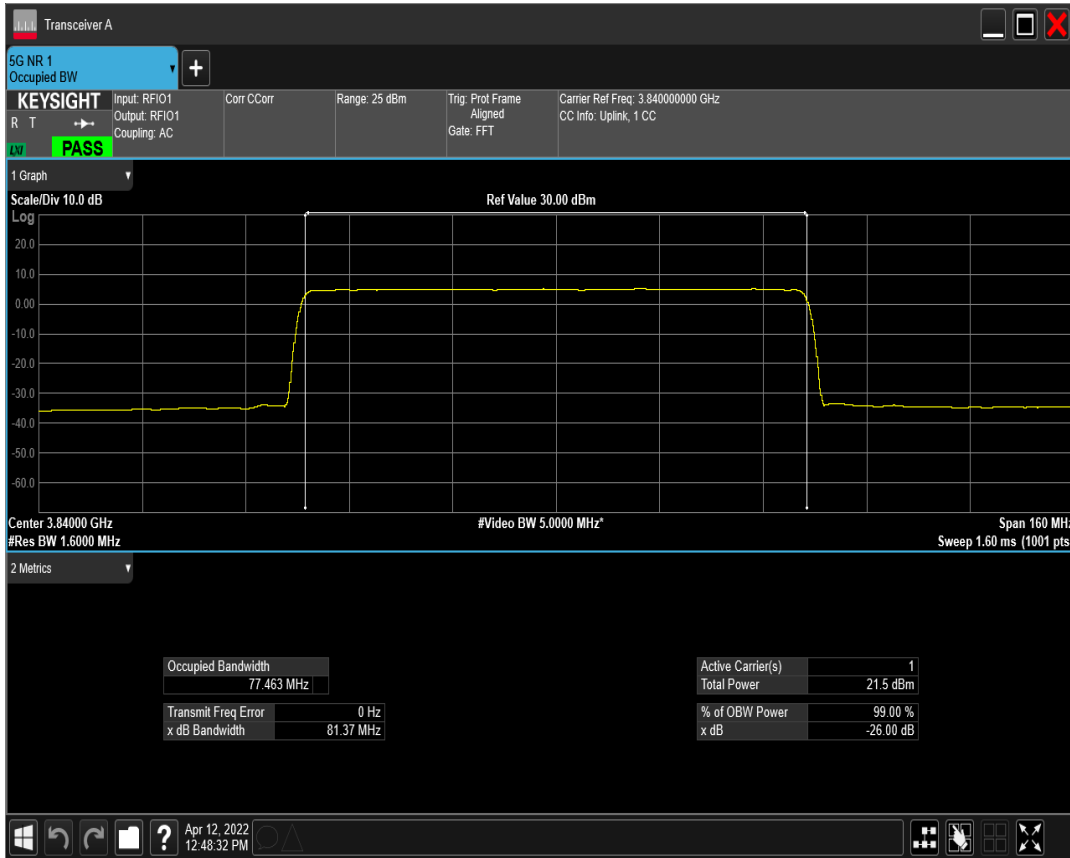
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=656000 RB=216@0

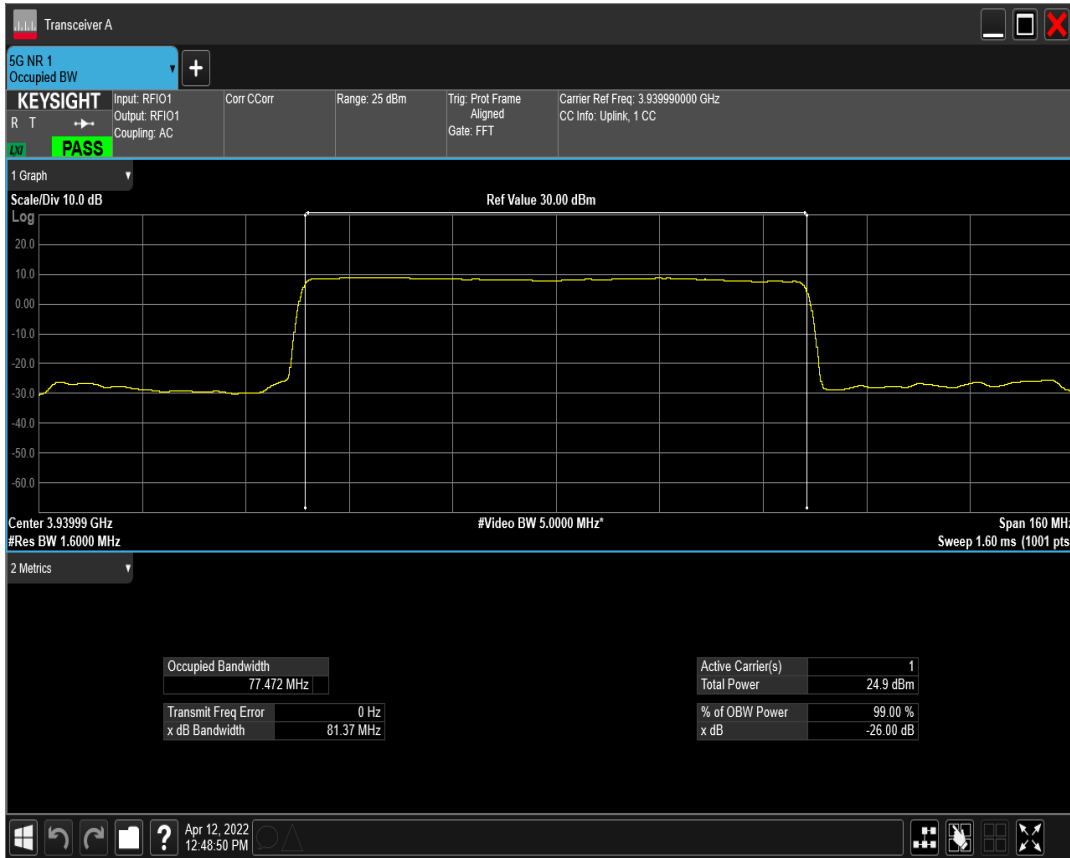


n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=656000 RB=217@0

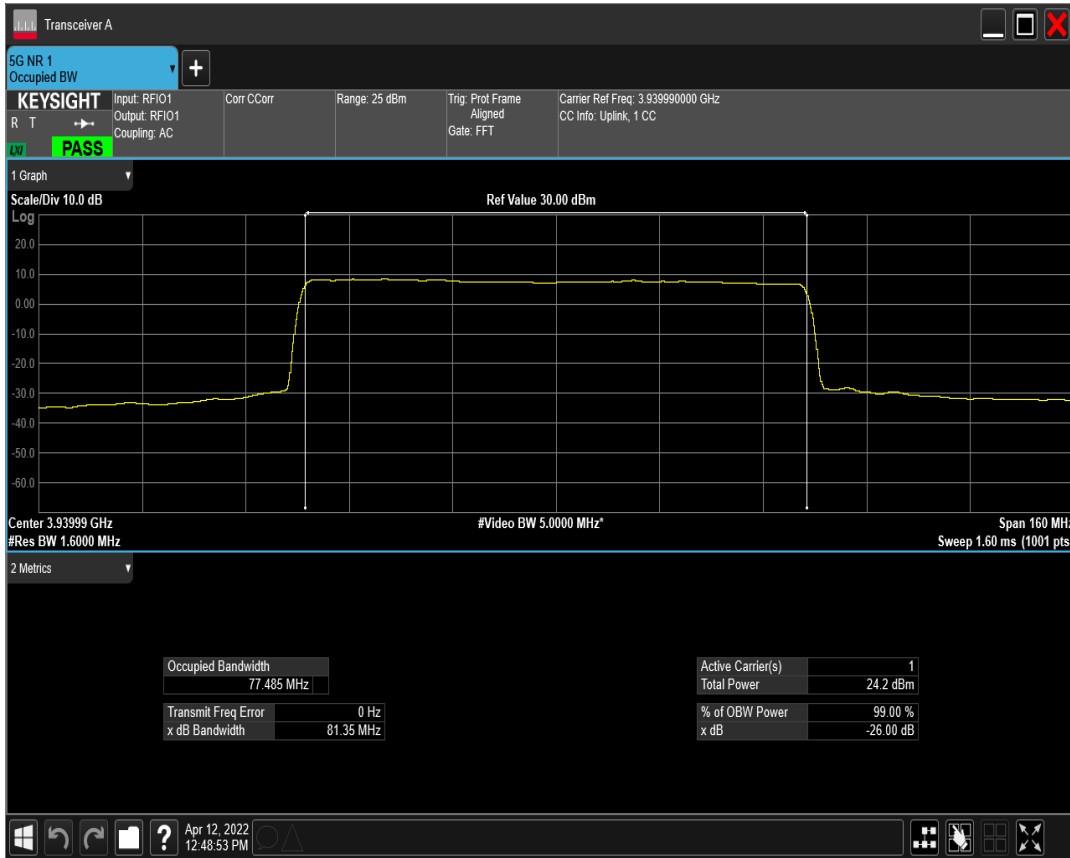




n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=662666 RB=216@0



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



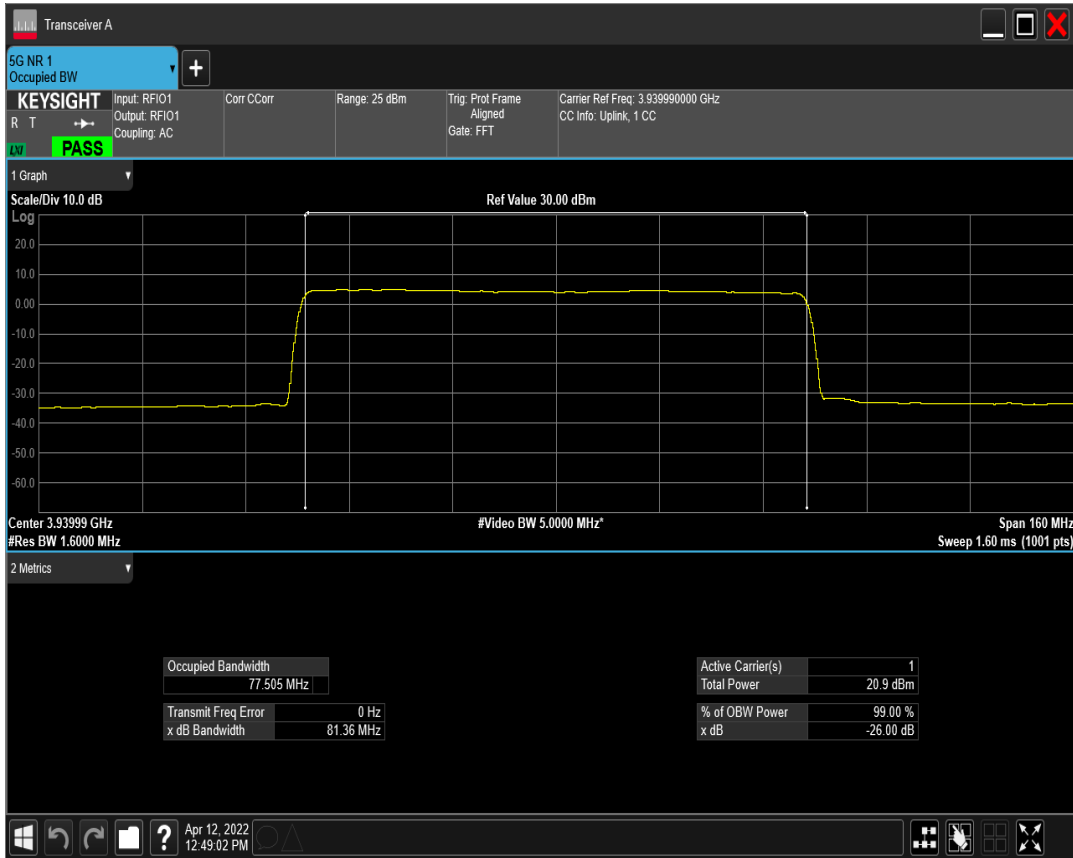
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=662666 RB=216@0



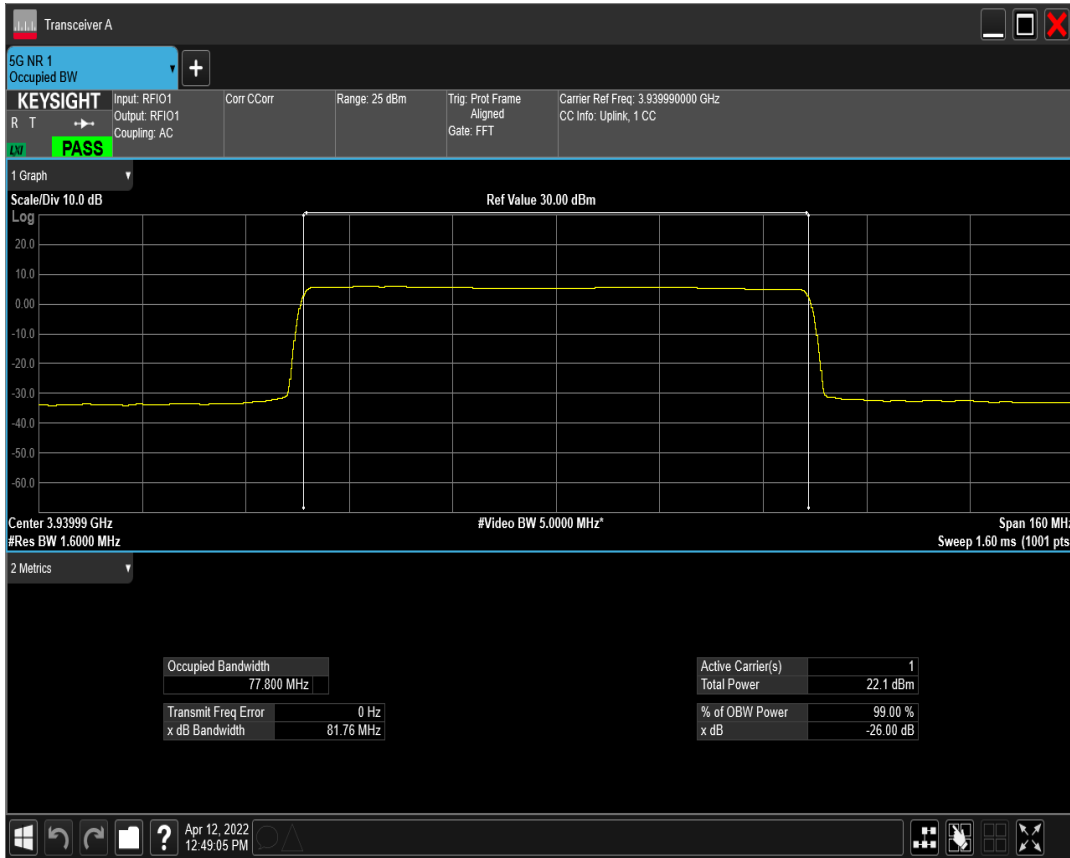
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=662666 RB=216@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=662666 RB=216@0



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

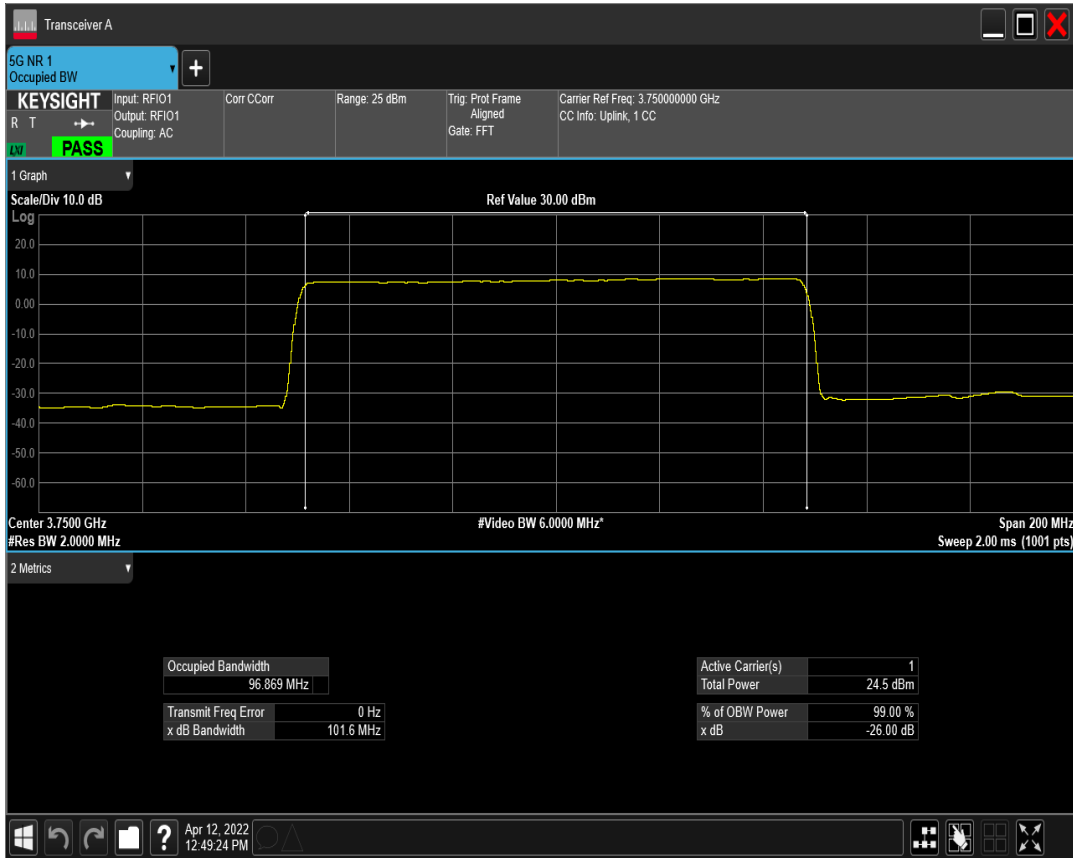


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0

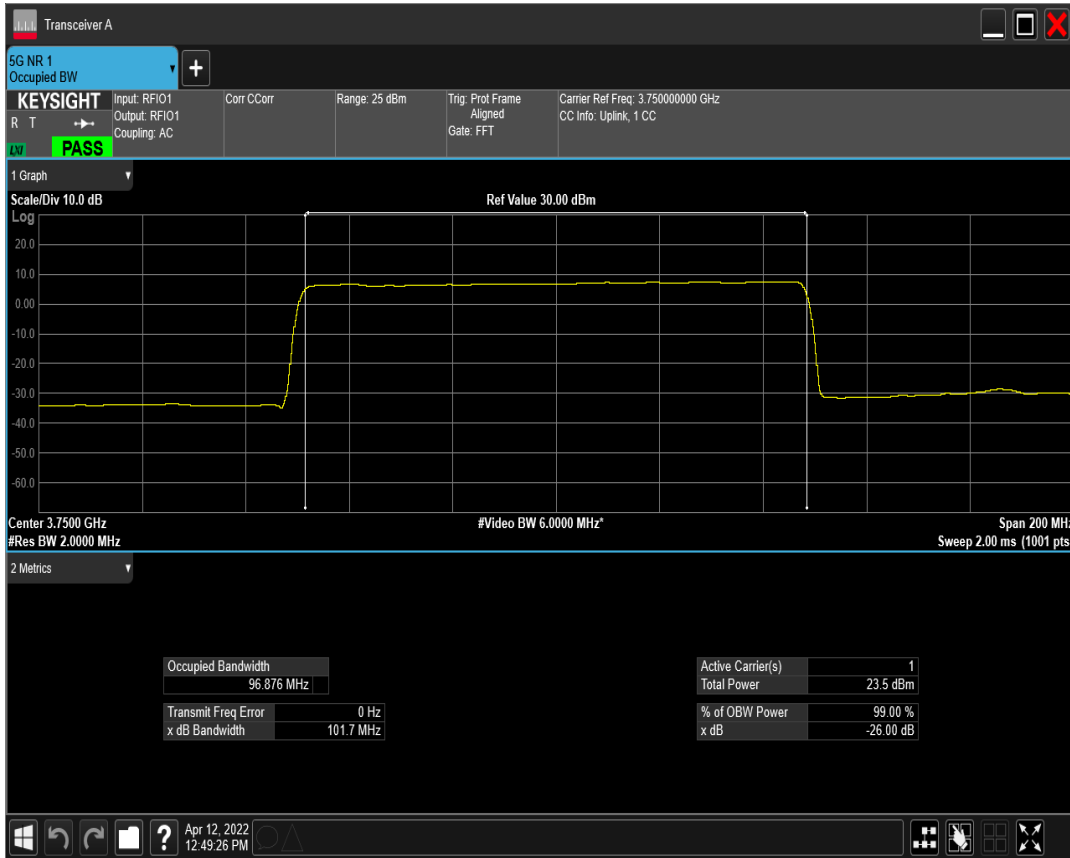


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0





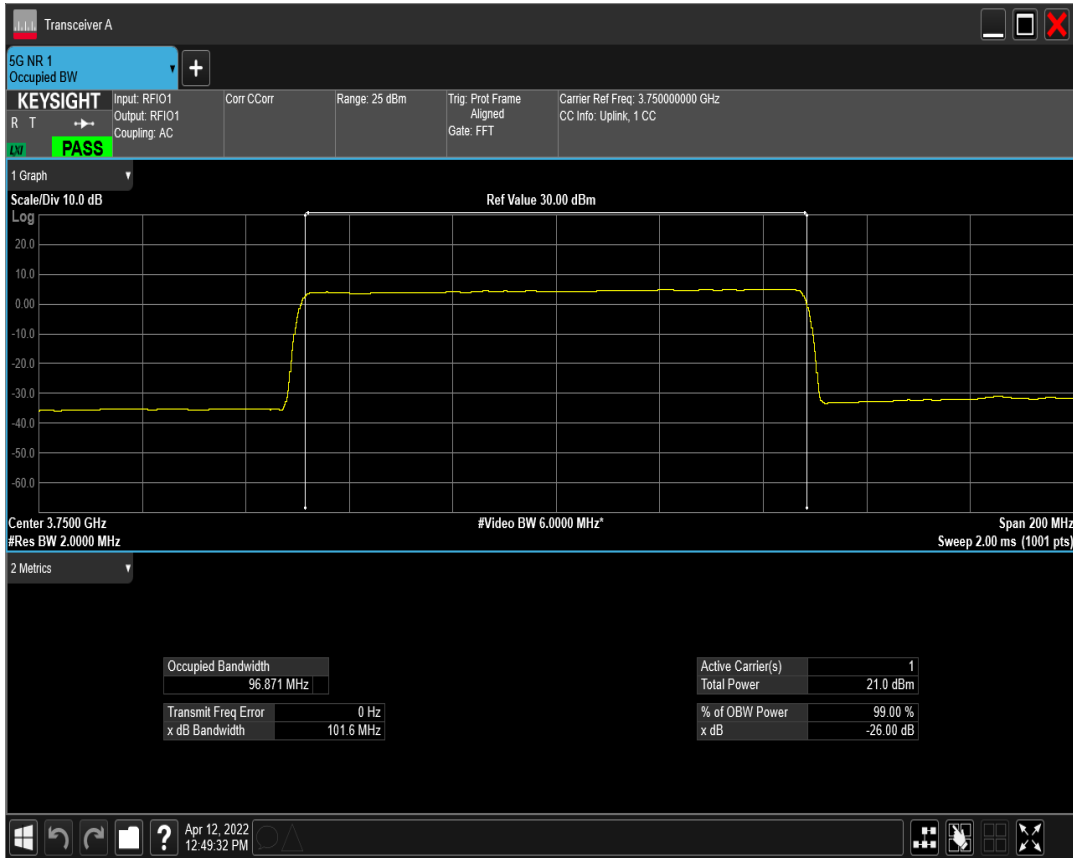
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



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

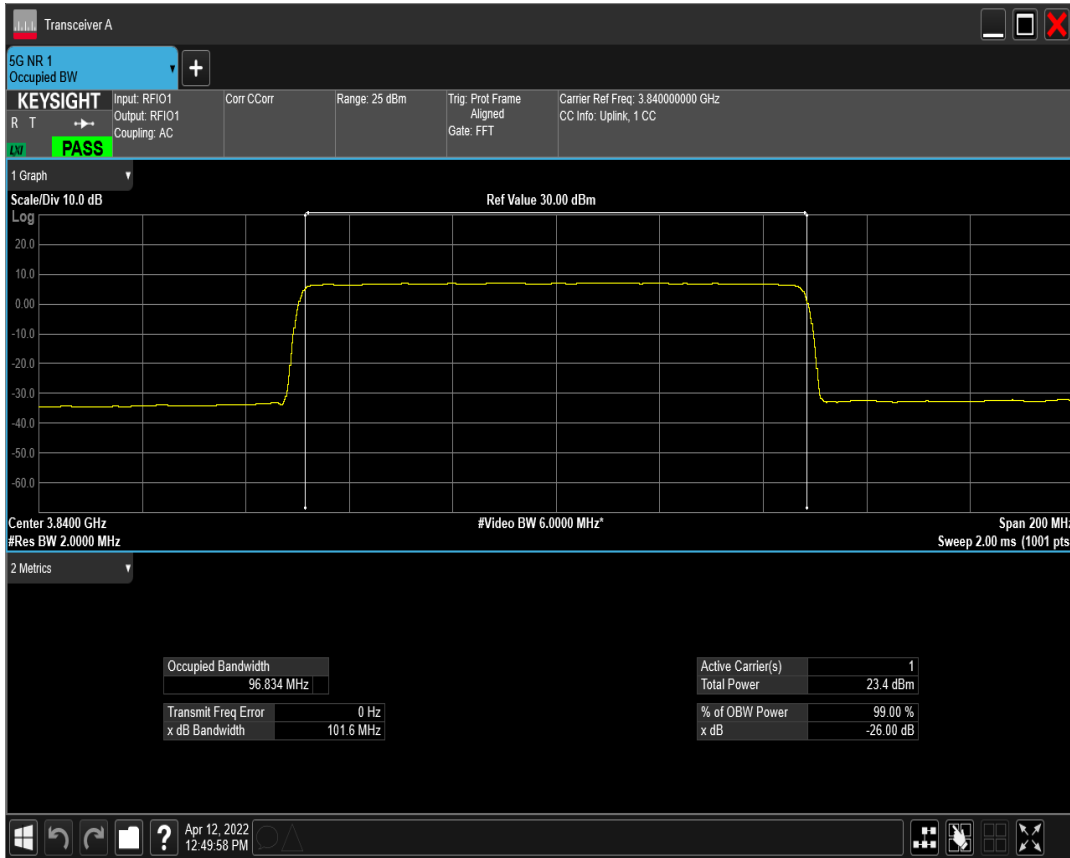


n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0

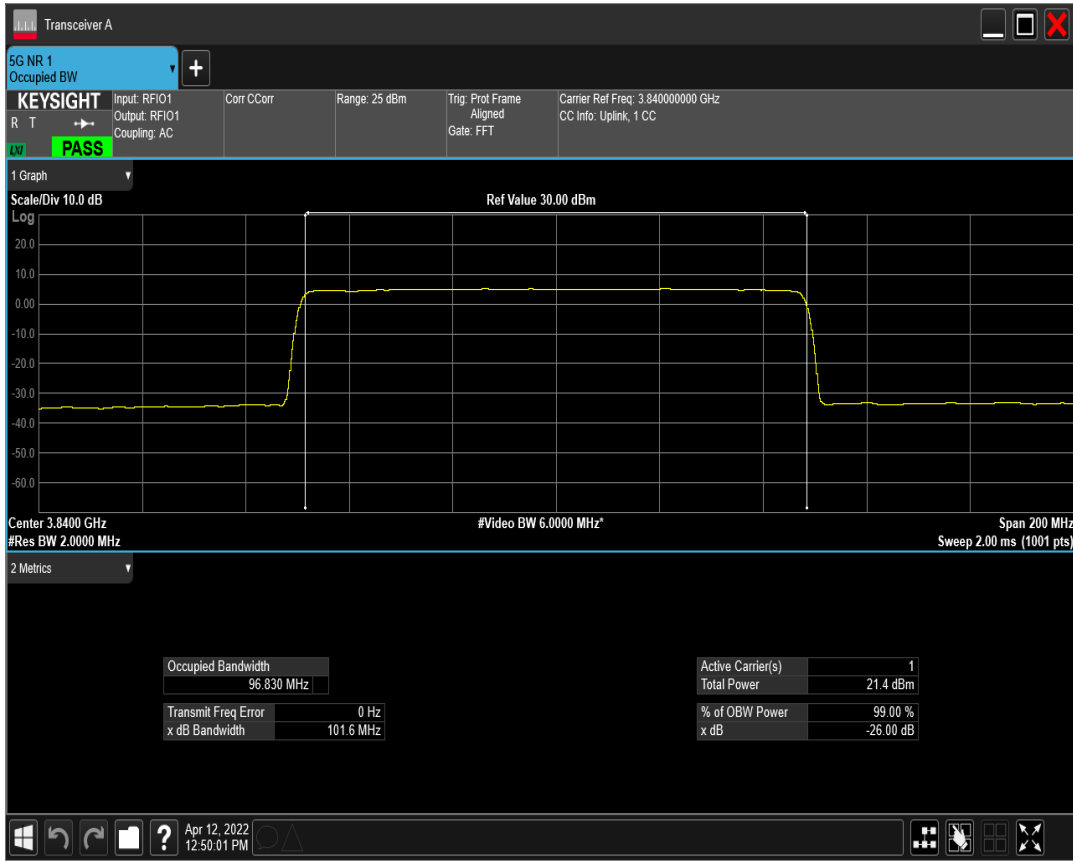


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0





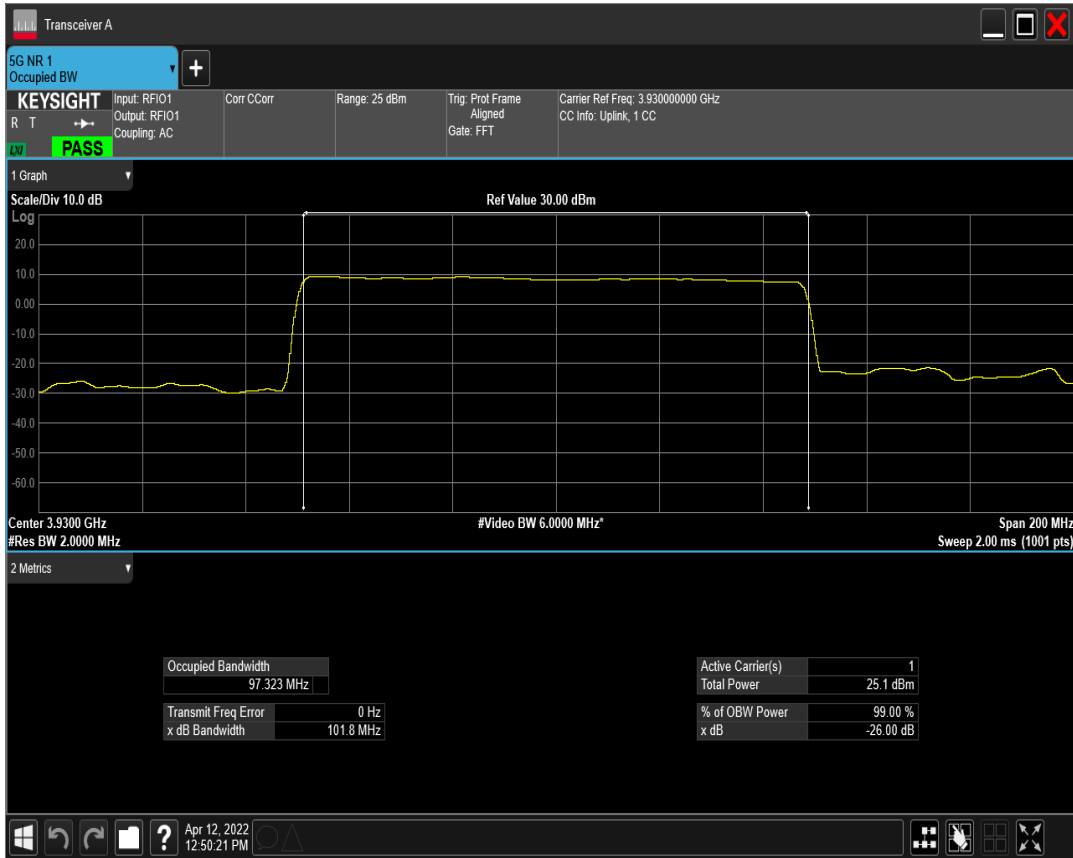
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



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



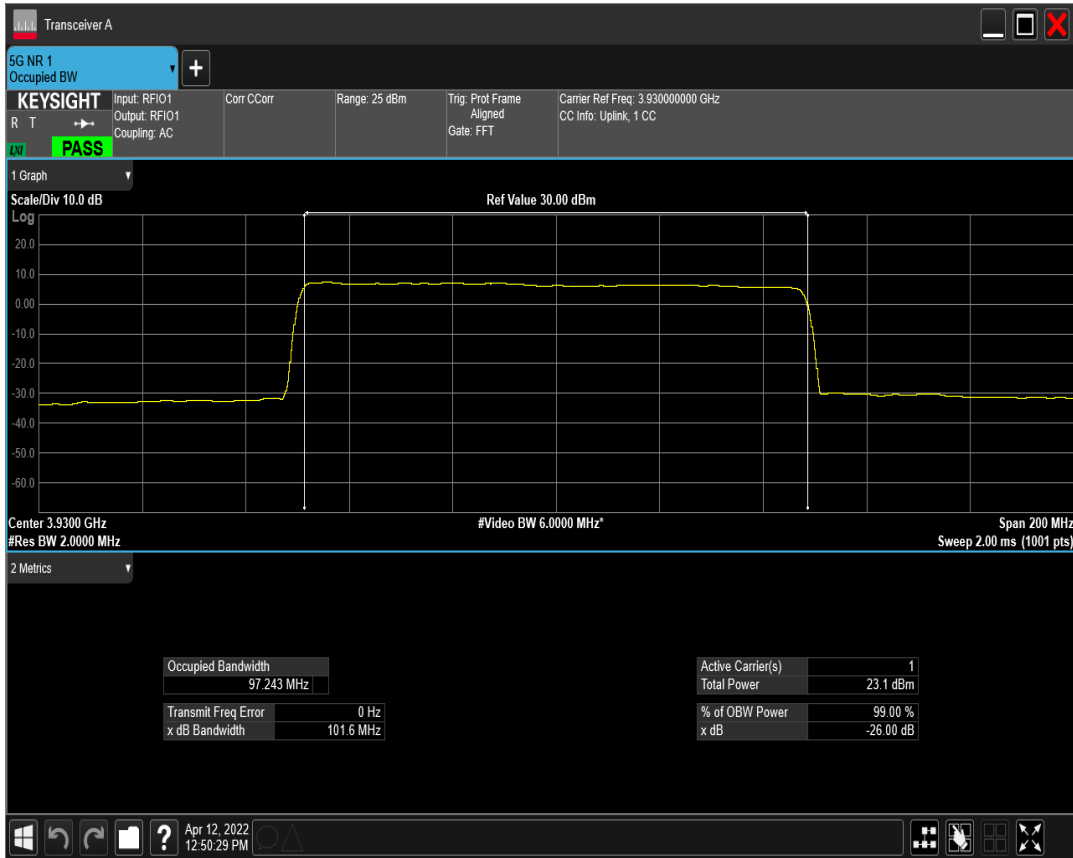
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



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

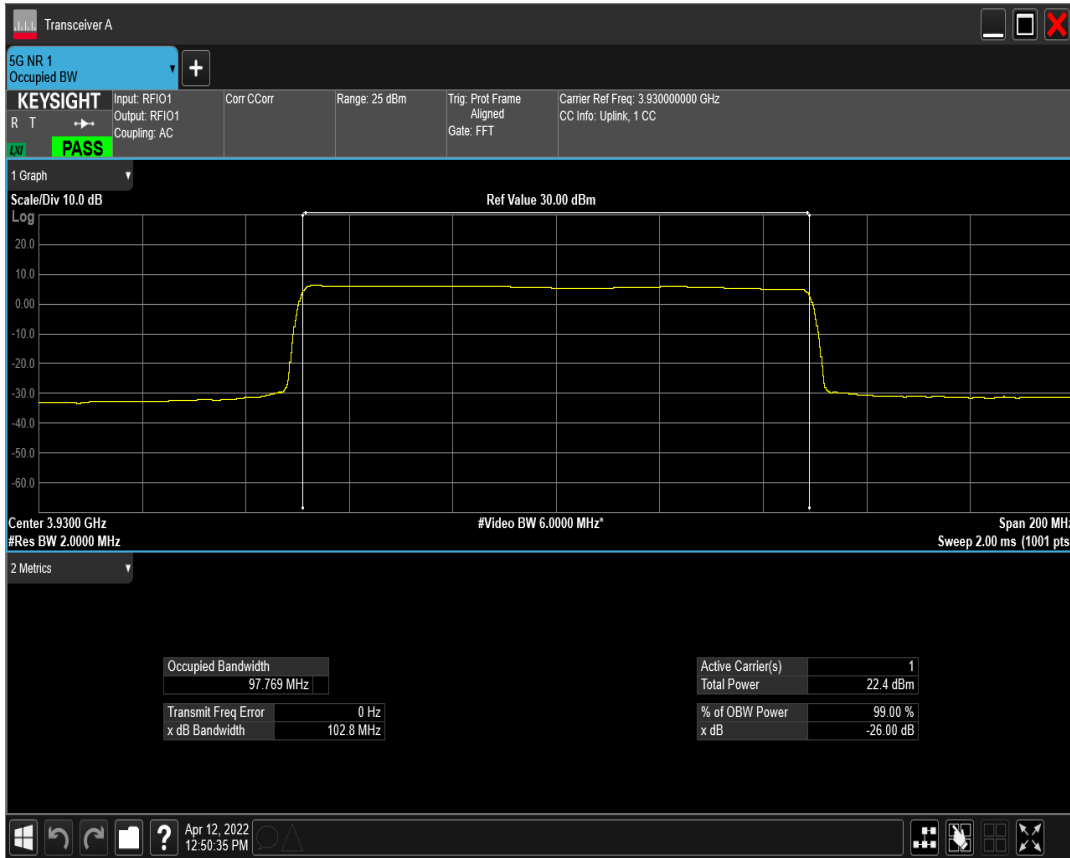


n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=662000 RB=270@0



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

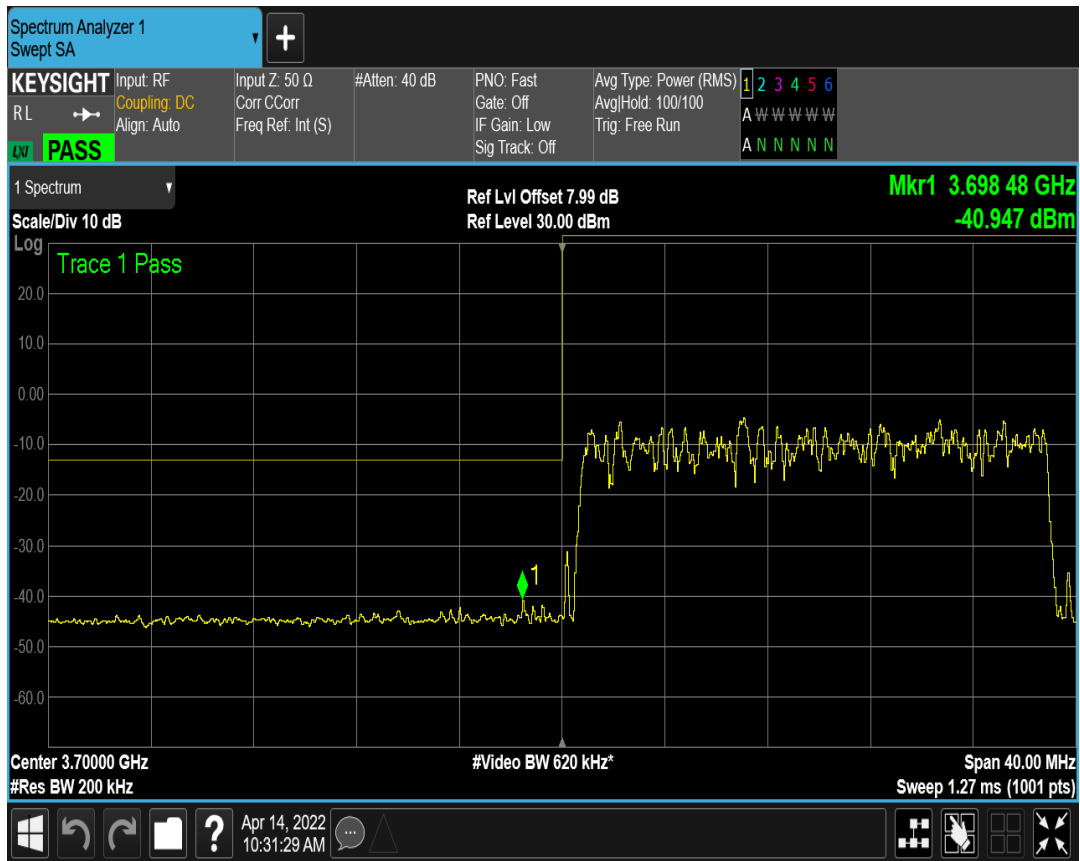




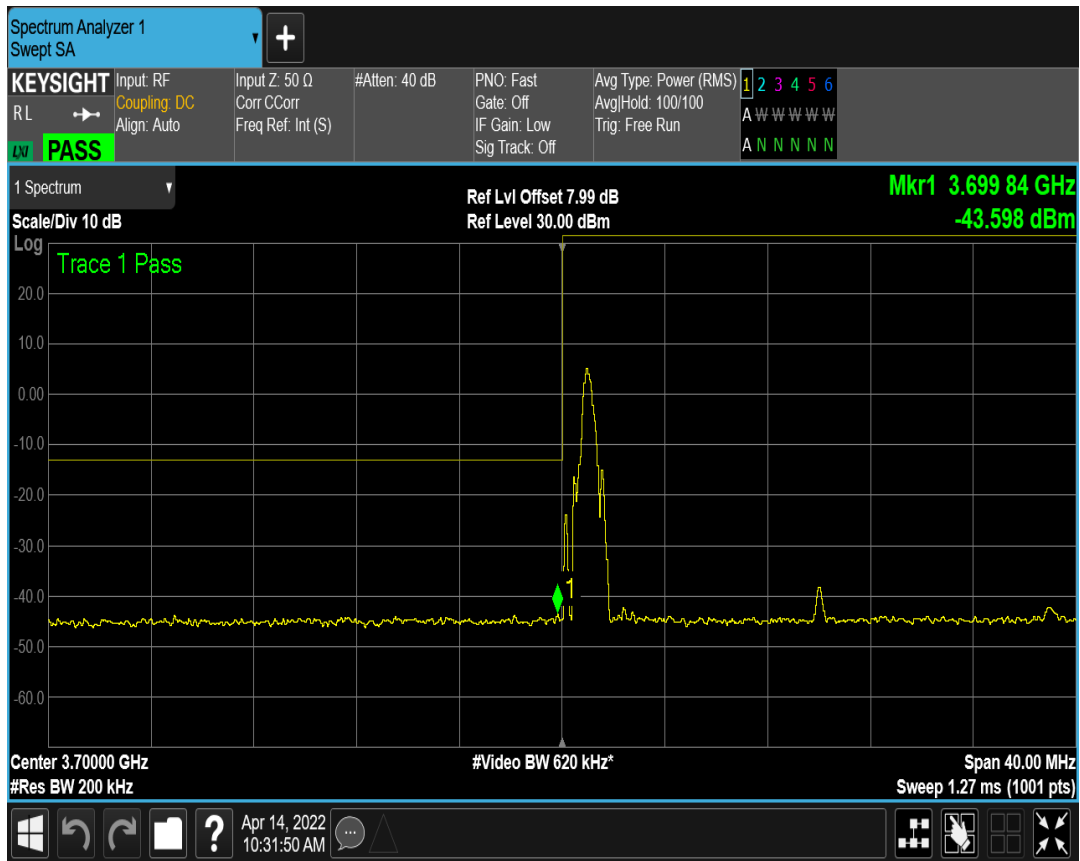
**5 Band edge for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	3698.48	-40.94	-13	PASS
n77(3700-3980)	30	20	647334	1@0	DFT_QPSK	3699.84	-43.59	-13	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	3980.32	-37.67	-13	PASS
n77(3700-3980)	30	20	664666	1@50	DFT_QPSK	3988.08	-44.68	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-28.64	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3700.00	-33.42	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	3983.00	-38.50	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.00	-36.47	-13	PASS

n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=647334 RB=50@0



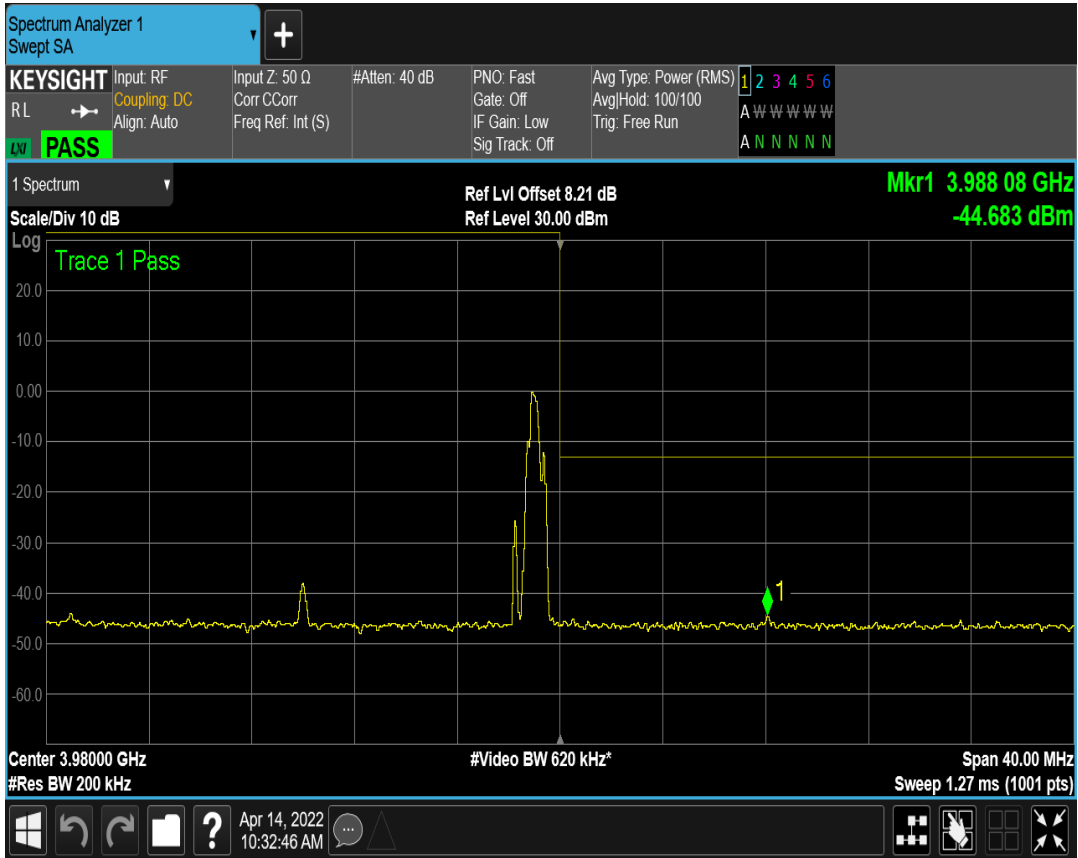
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=647334 RB=1 @0



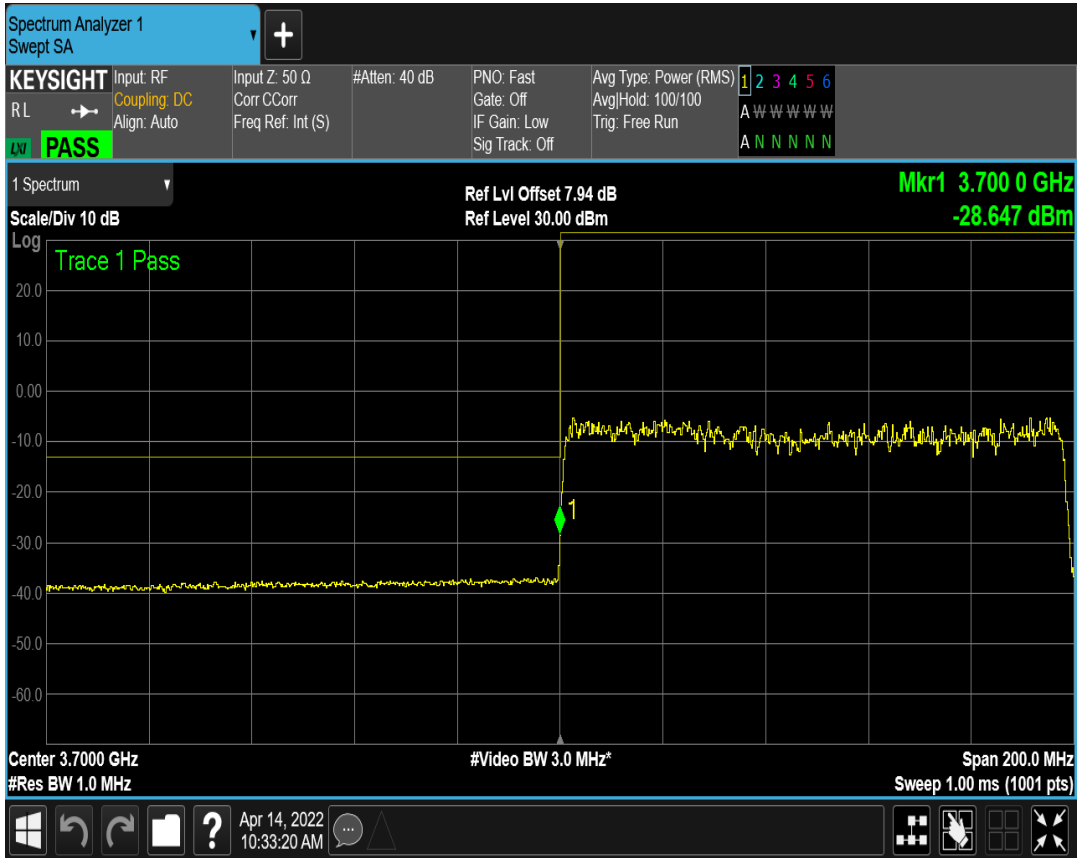
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=50@0



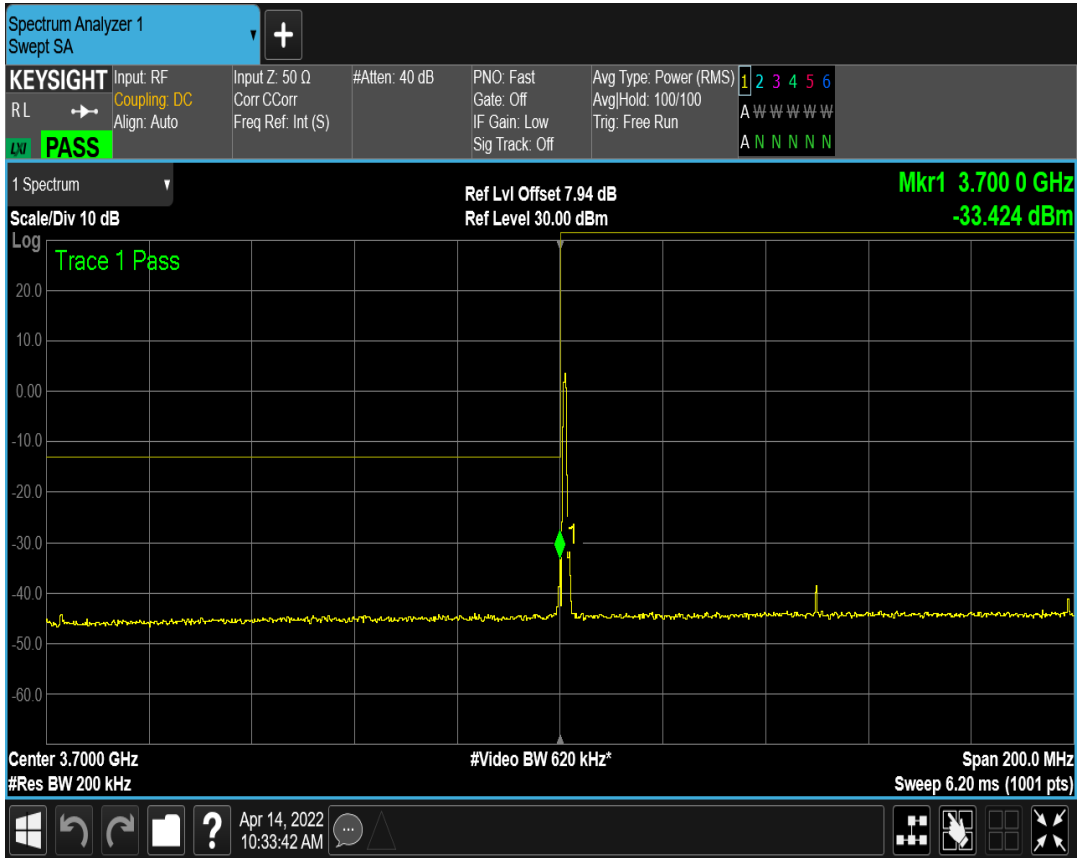
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=1 @50



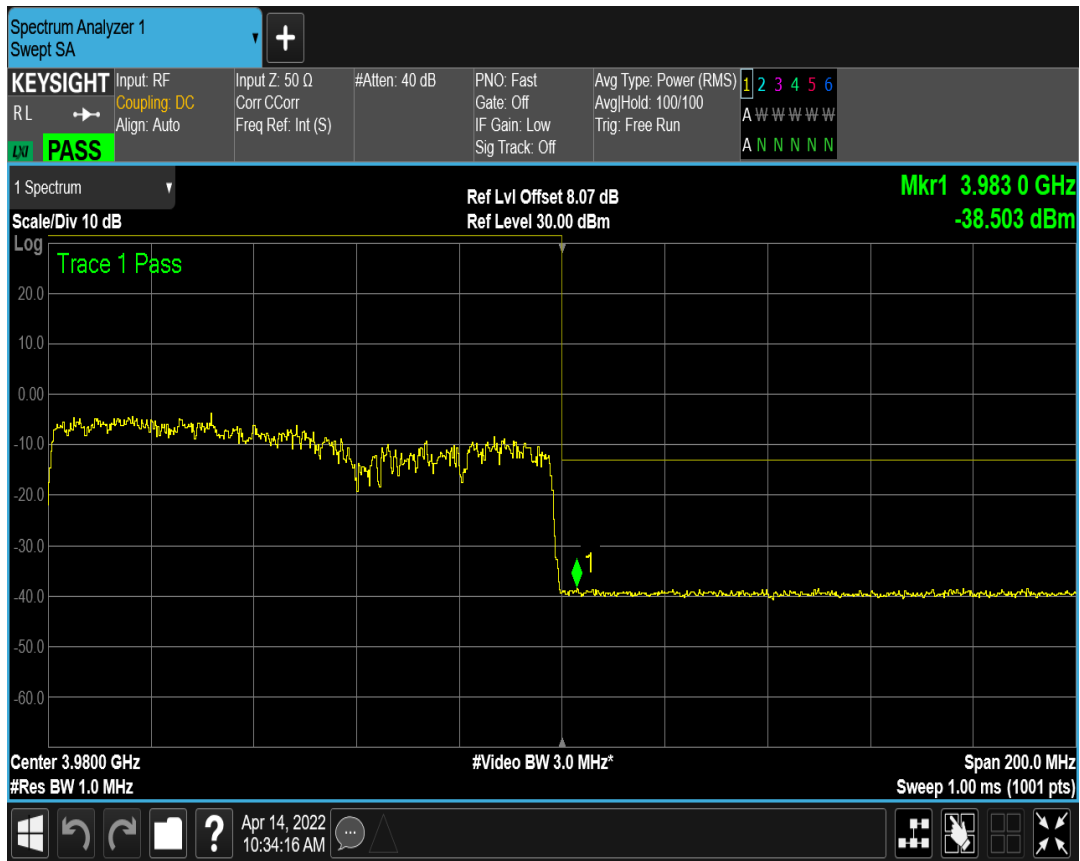
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



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

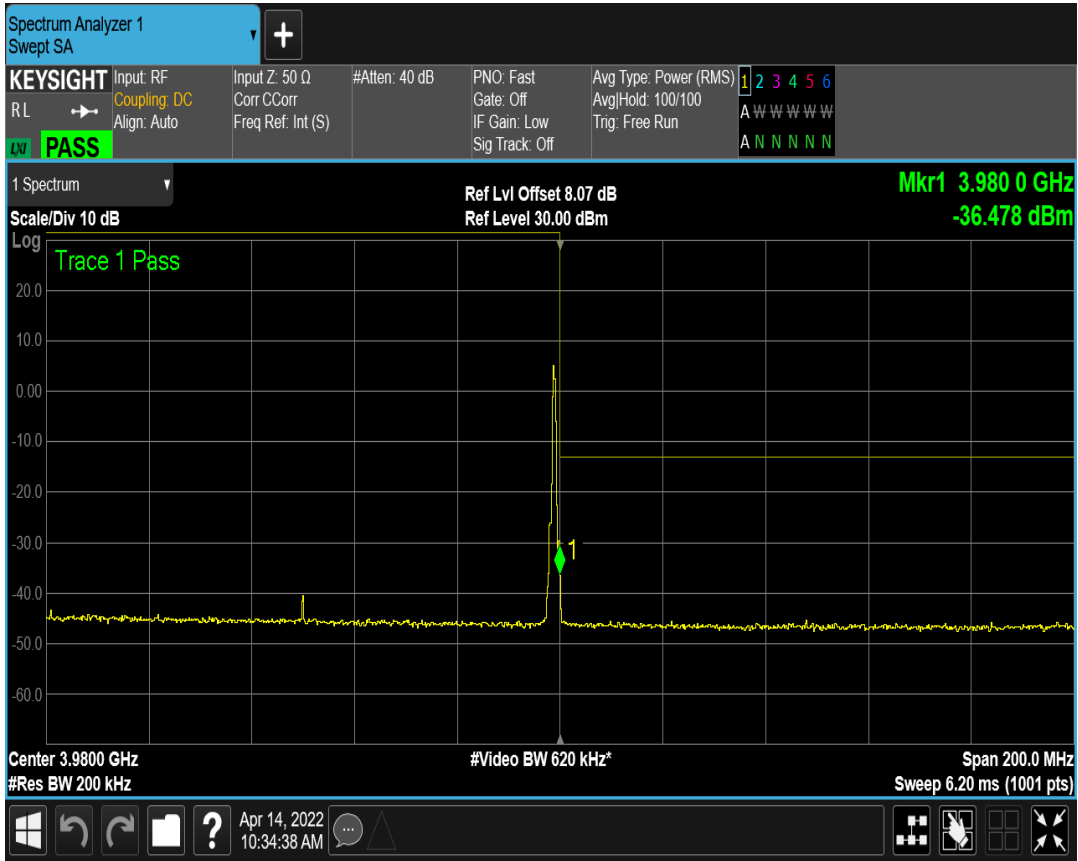


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



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

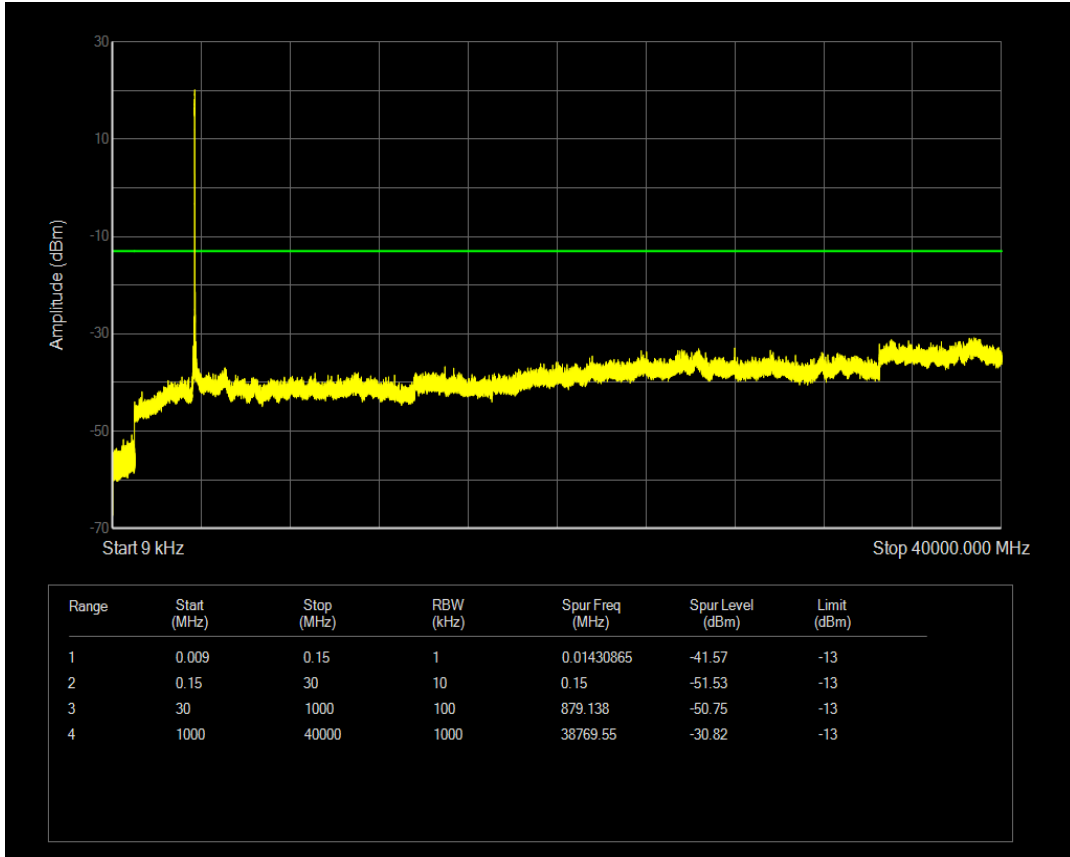




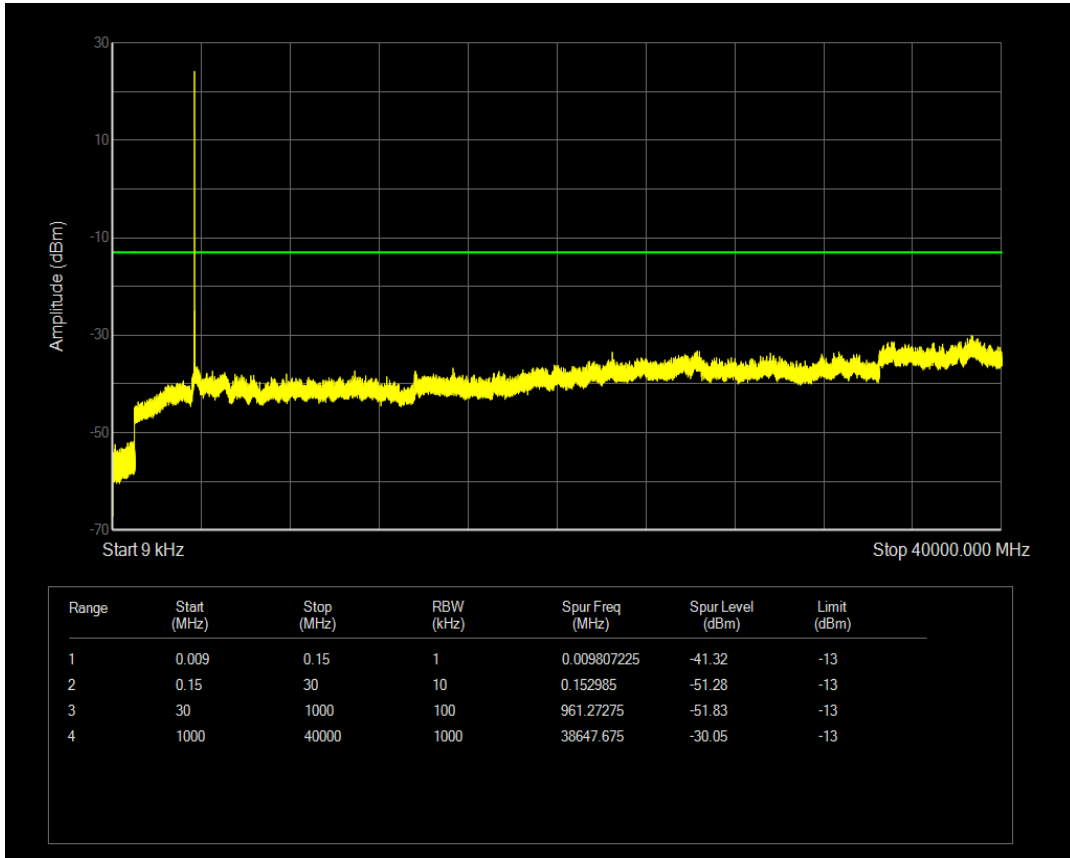
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	38769.55	-30.82	-13	PASS
n77(3700-3980)	30	20	647334	1@0	DFT_QPSK	38647.68	-30.05	-13	PASS
n77(3700-3980)	30	20	647334	1@50	DFT_QPSK	38603.80	-30.05	-13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	35132.80	-30.62	-13	PASS
n77(3700-3980)	30	20	656000	1@0	DFT_QPSK	38111.43	-29.96	-13	PASS
n77(3700-3980)	30	20	656000	1@50	DFT_QPSK	38111.43	-30.19	-13	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	38848.53	-30.44	-13	PASS
n77(3700-3980)	30	20	664666	1@0	DFT_QPSK	38635.00	-29.08	-13	PASS
n77(3700-3980)	30	20	664666	1@50	DFT_QPSK	38534.58	-30.26	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	38155.30	-30.33	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	38793.93	-29.81	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38858.28	-30.59	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38815.38	-30.14	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38676.93	-30.40	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	38674.00	-30.29	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38696.43	-30.18	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	38576.50	-29.71	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38617.45	-29.21	-13	PASS

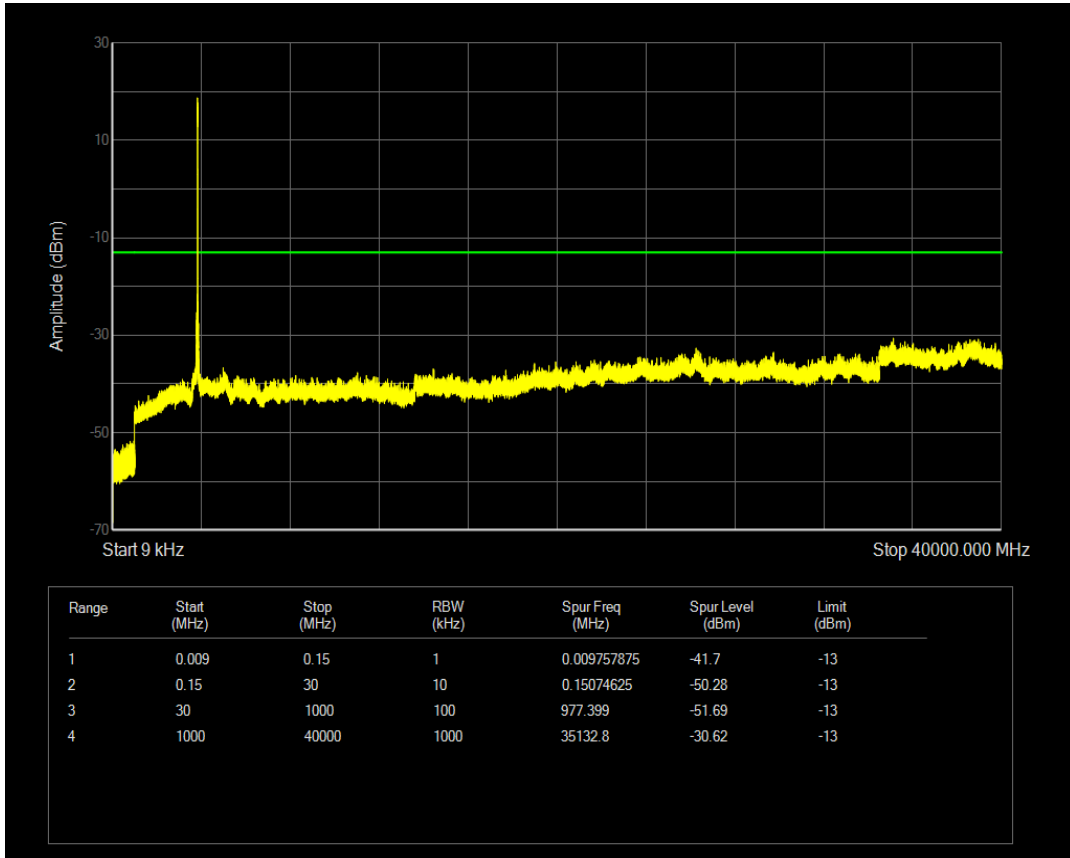
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=647334 RB=50@0



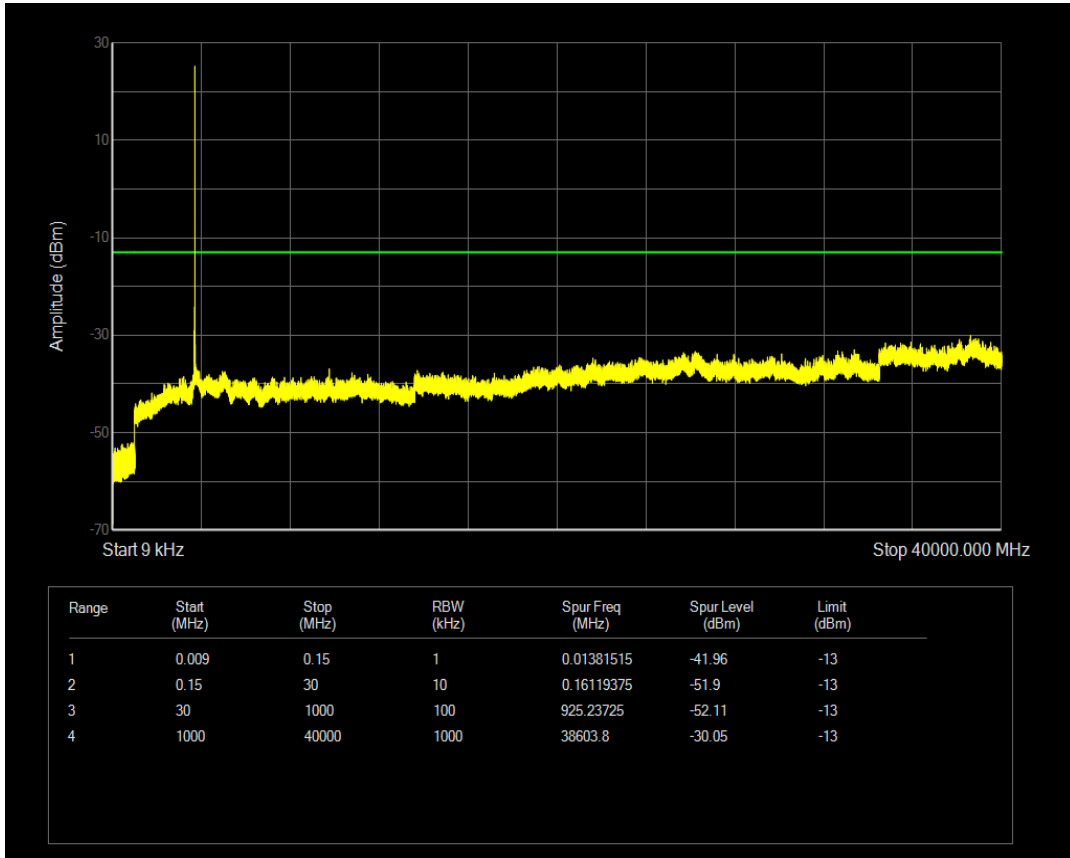
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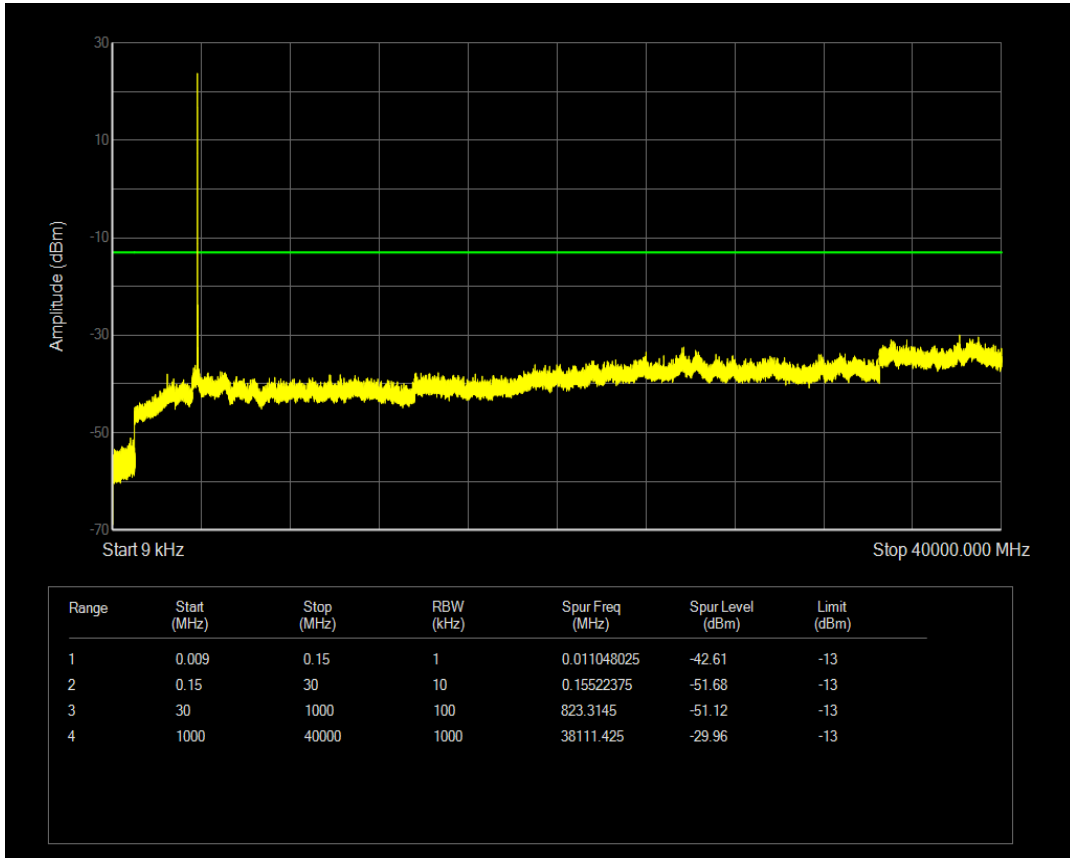
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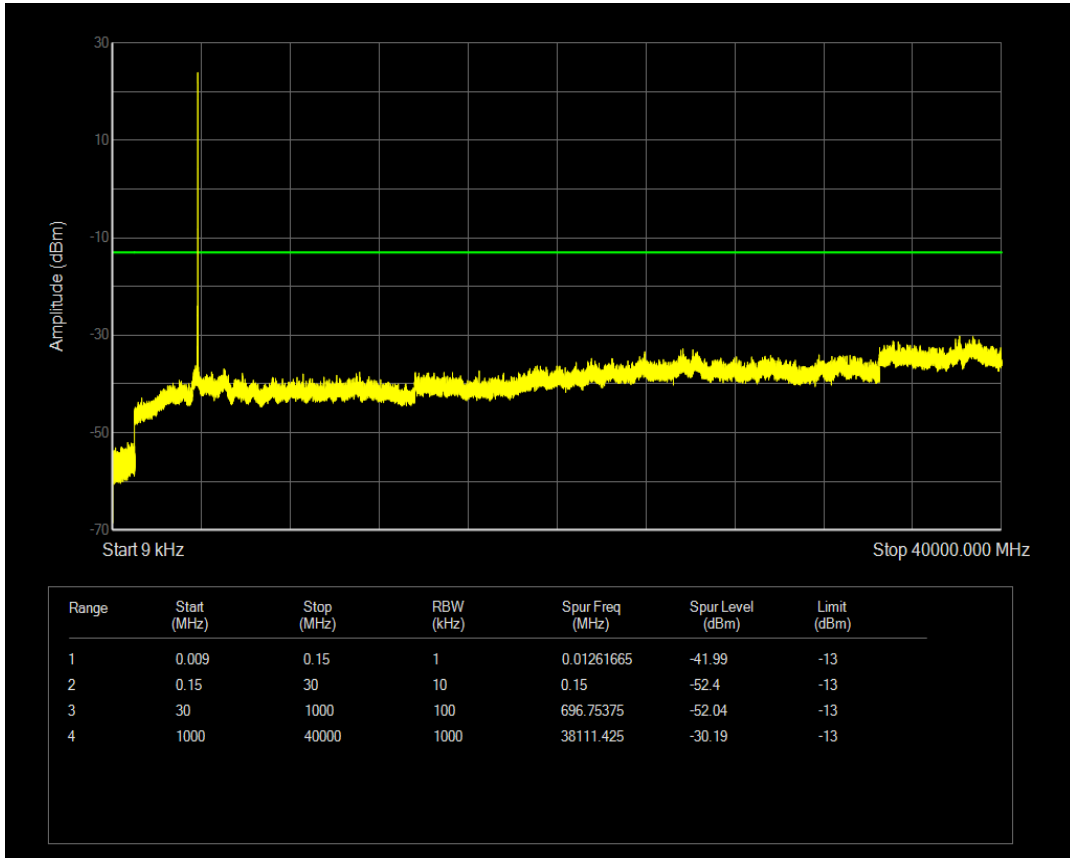
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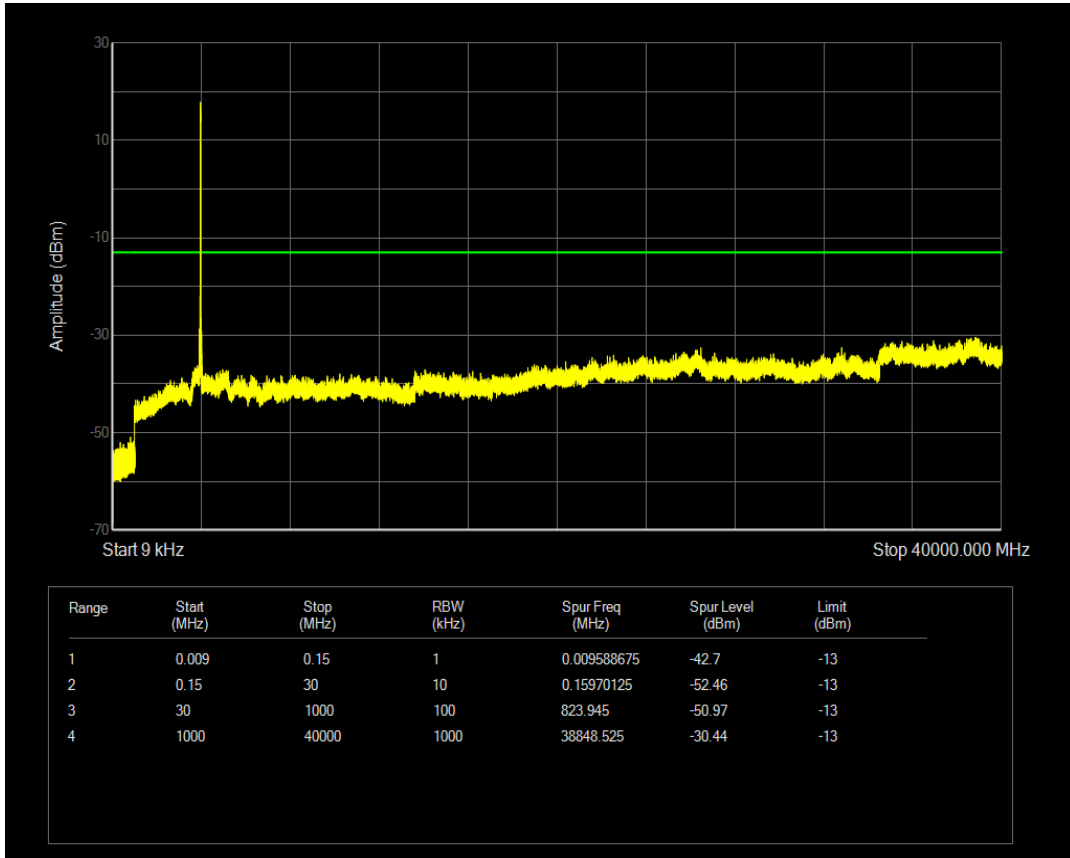
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=1 @0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=1@50

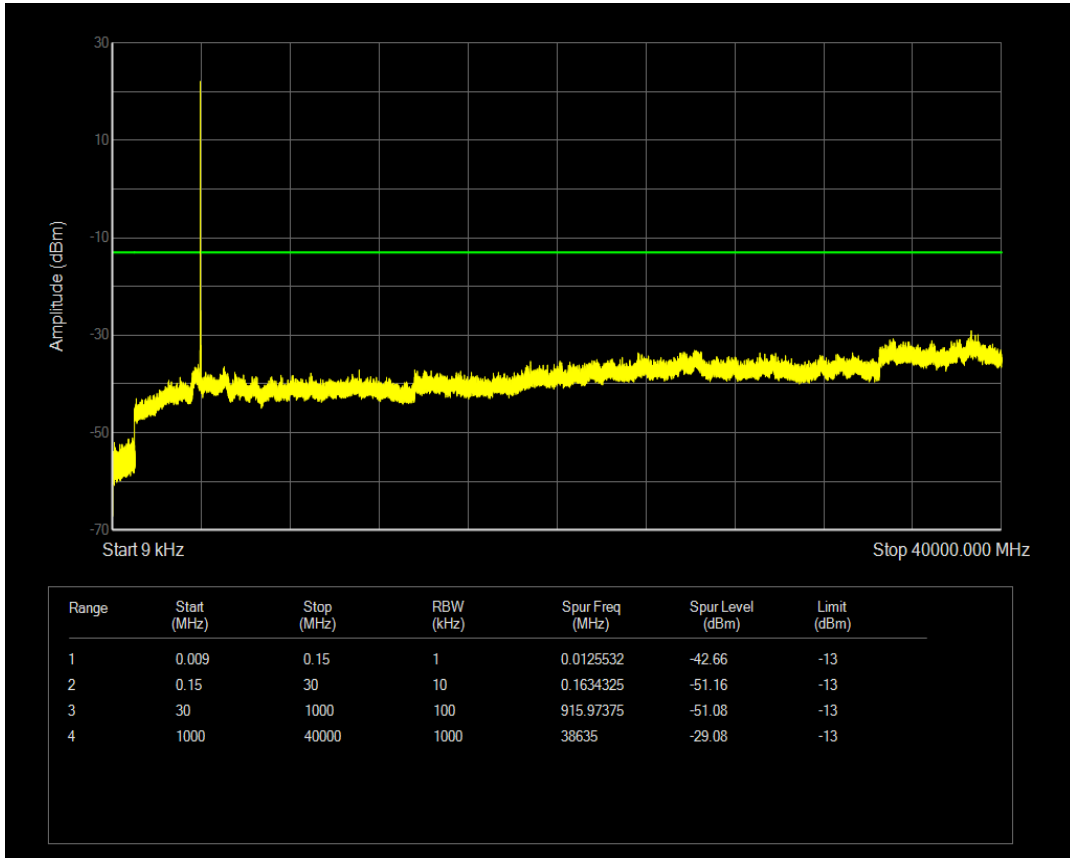


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=50@0

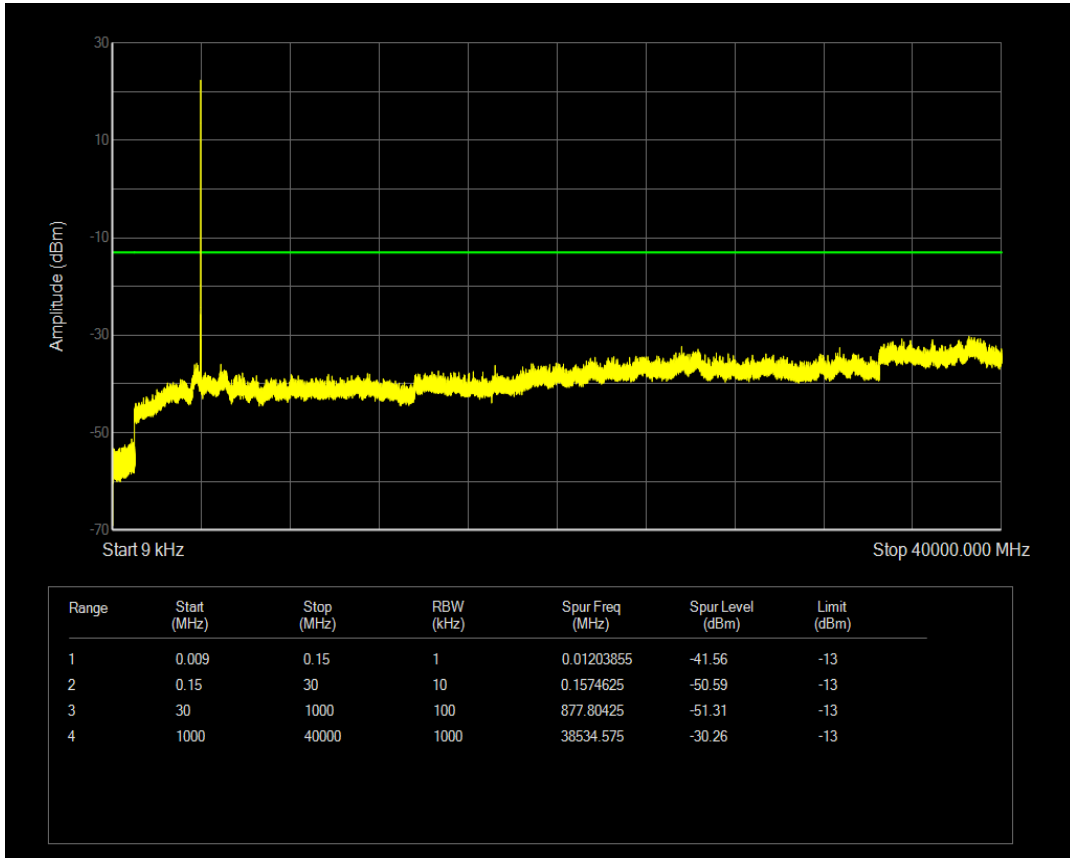


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=1 @0

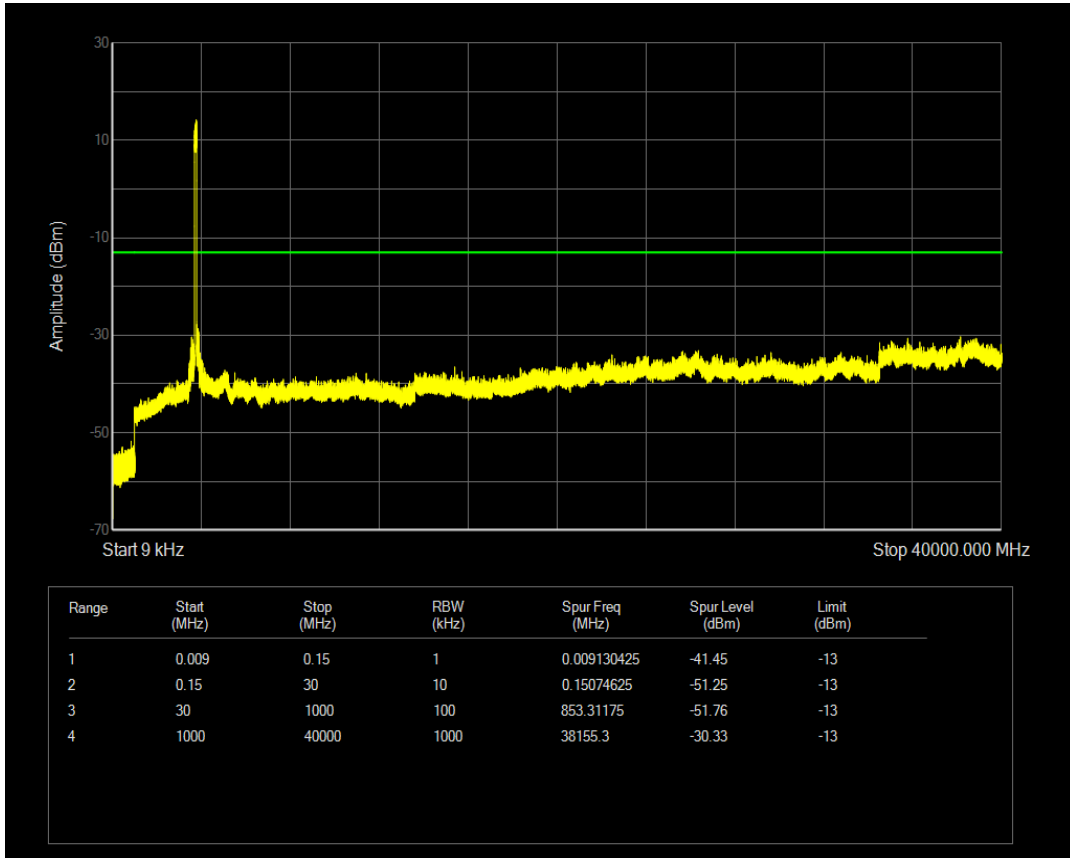




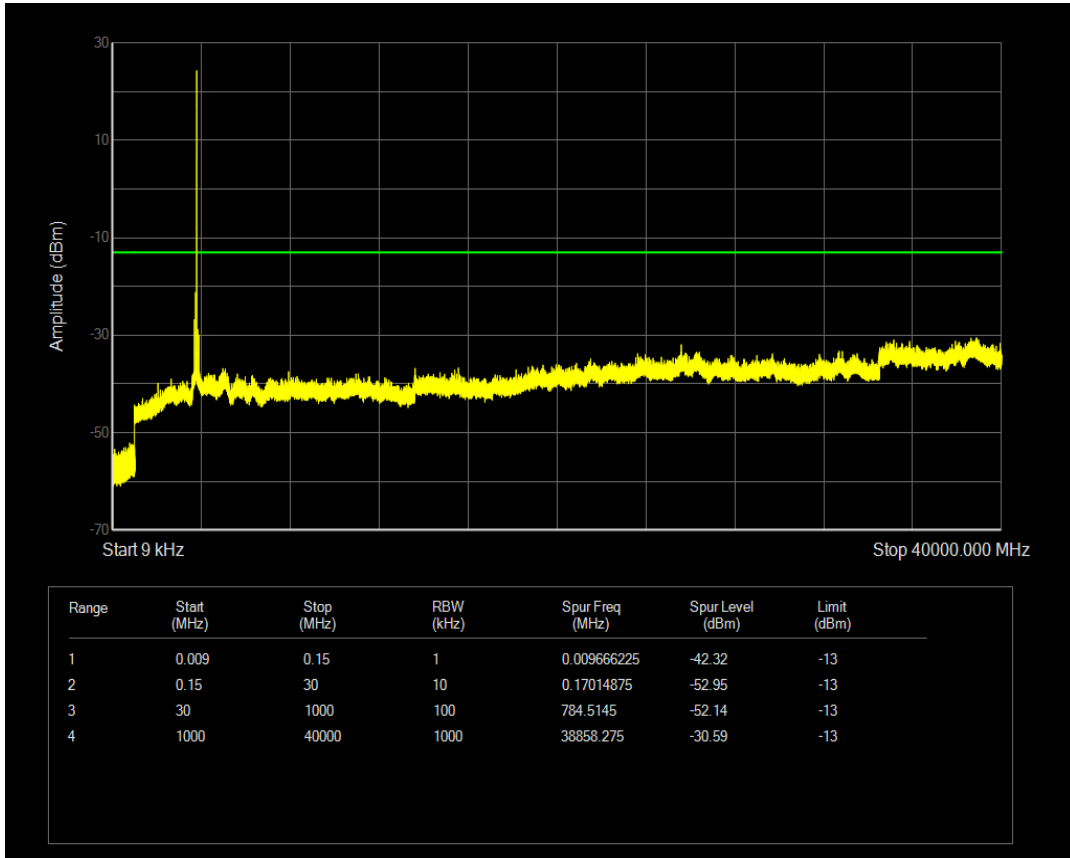
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=1 @50



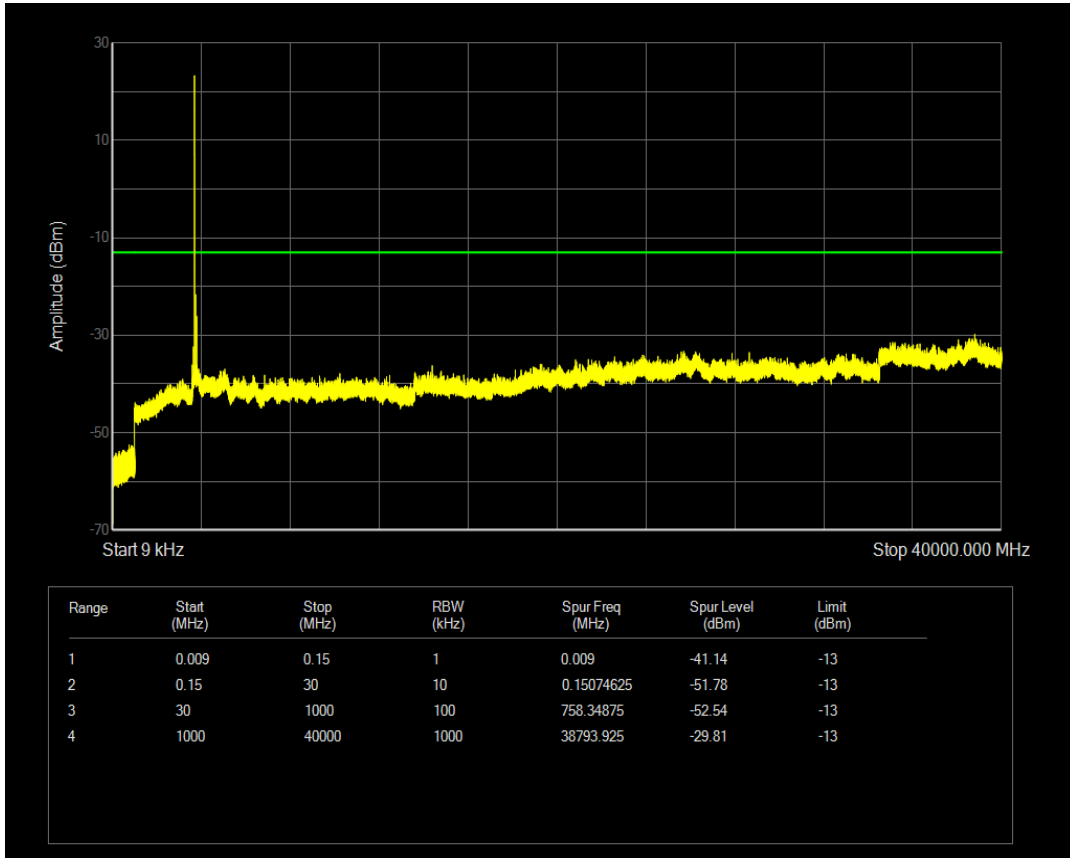
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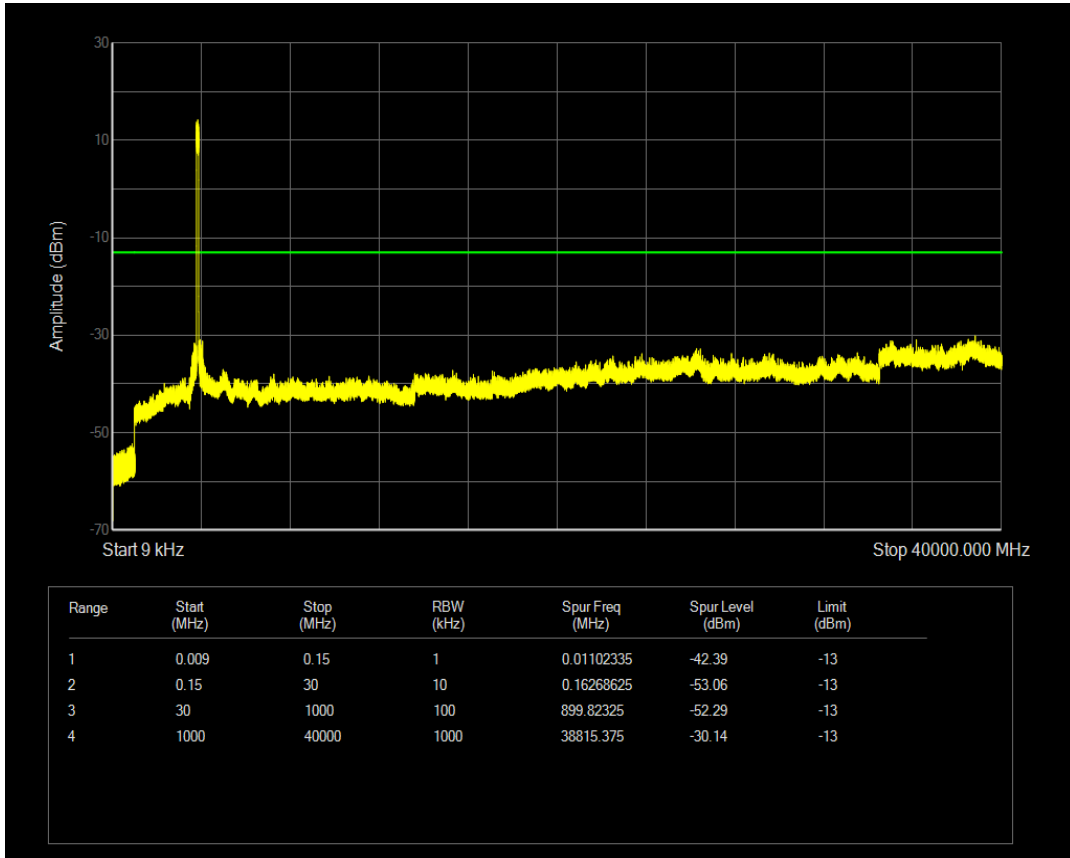
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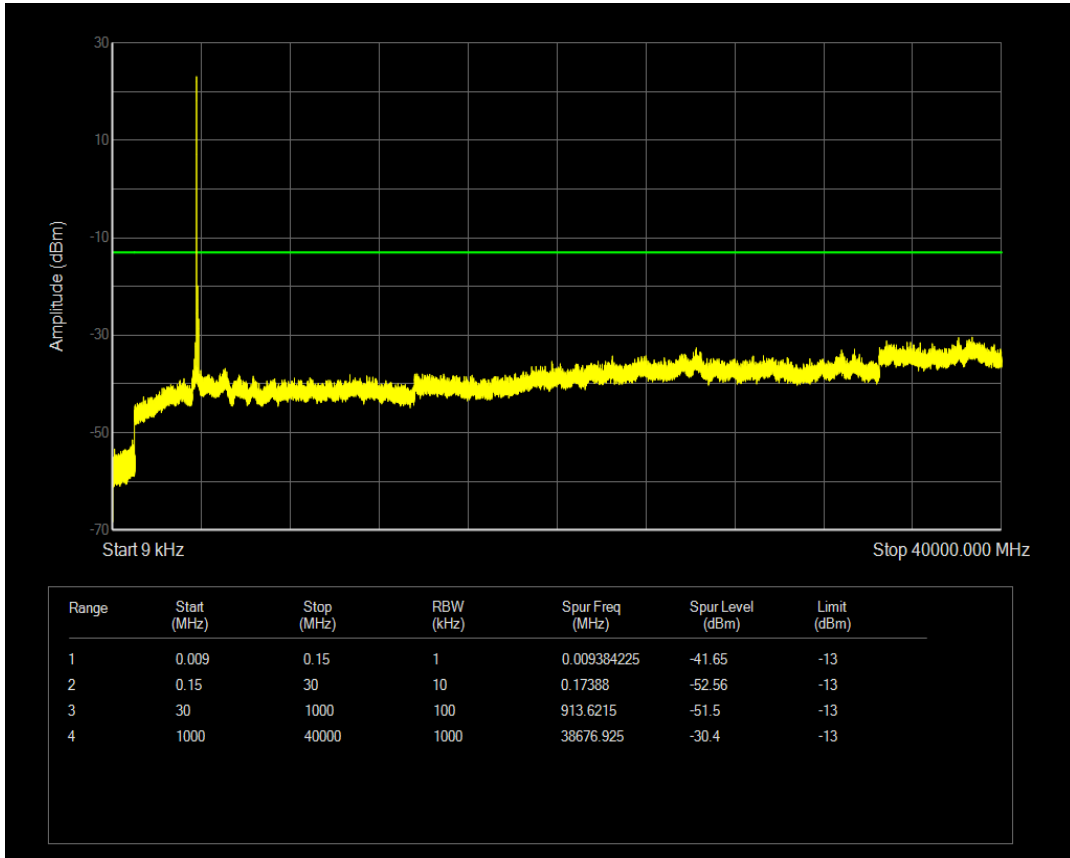
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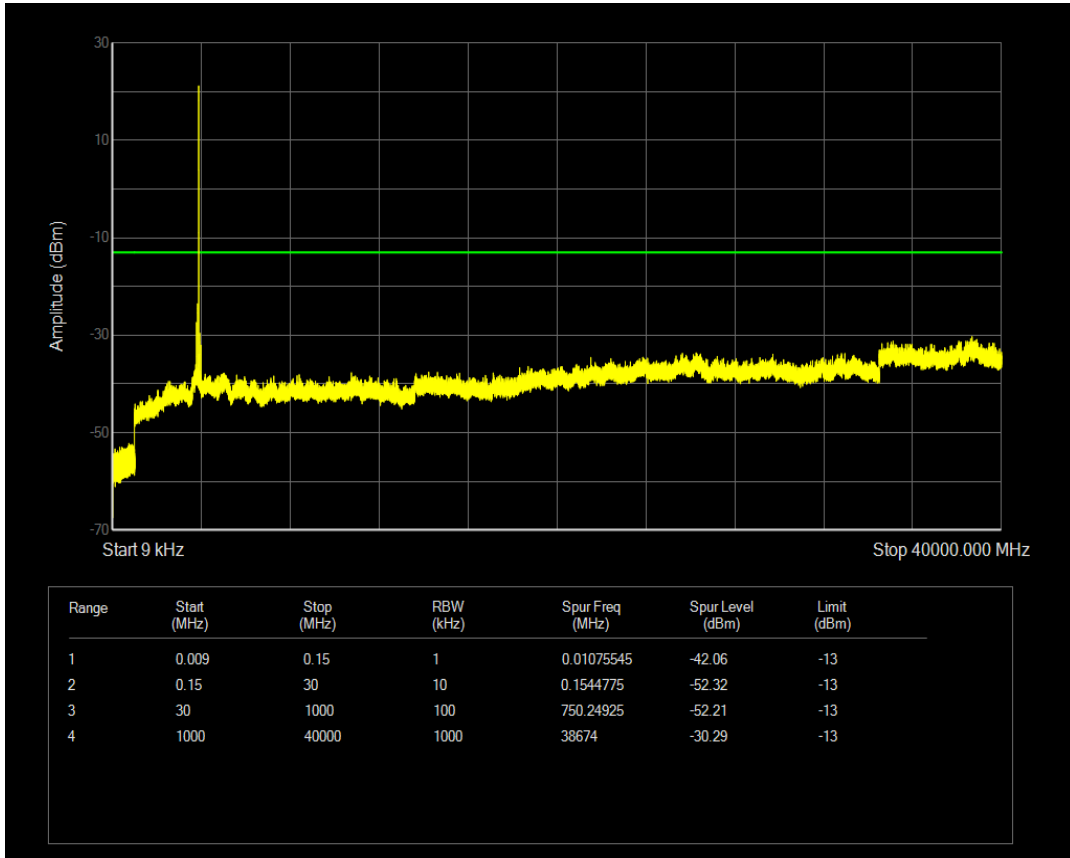
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



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

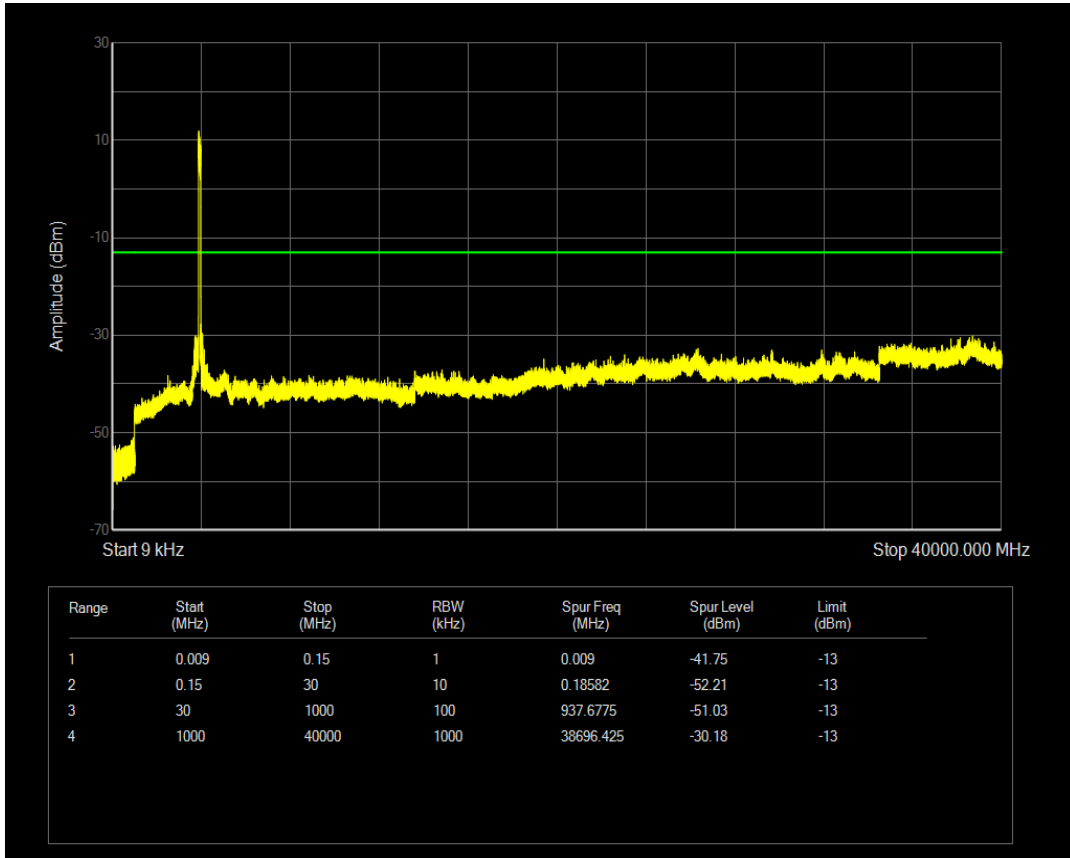


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@272

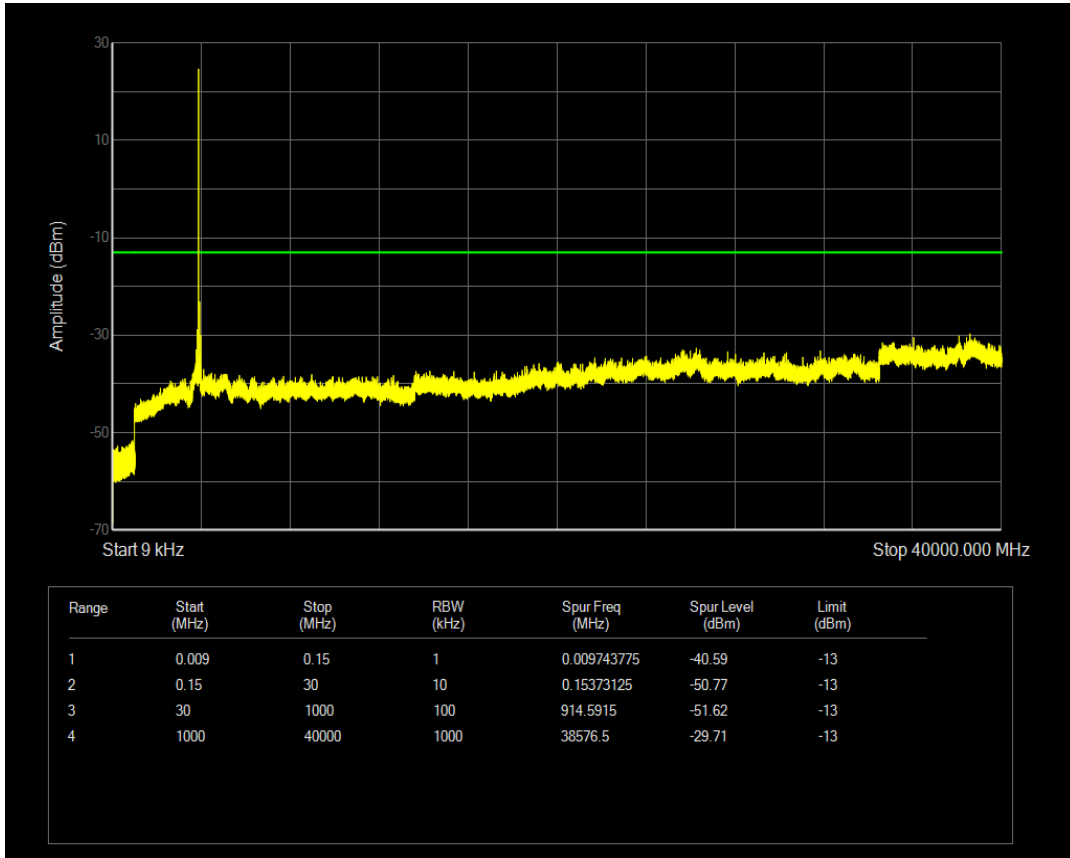


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0





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

