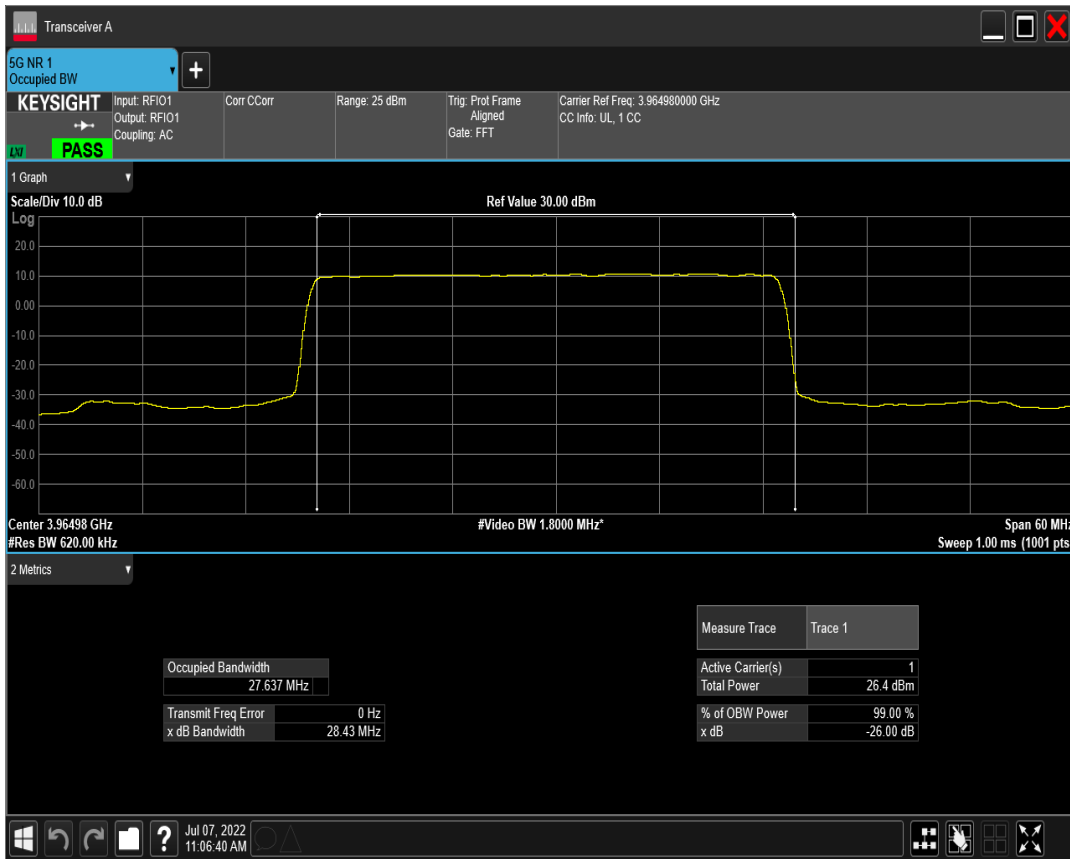
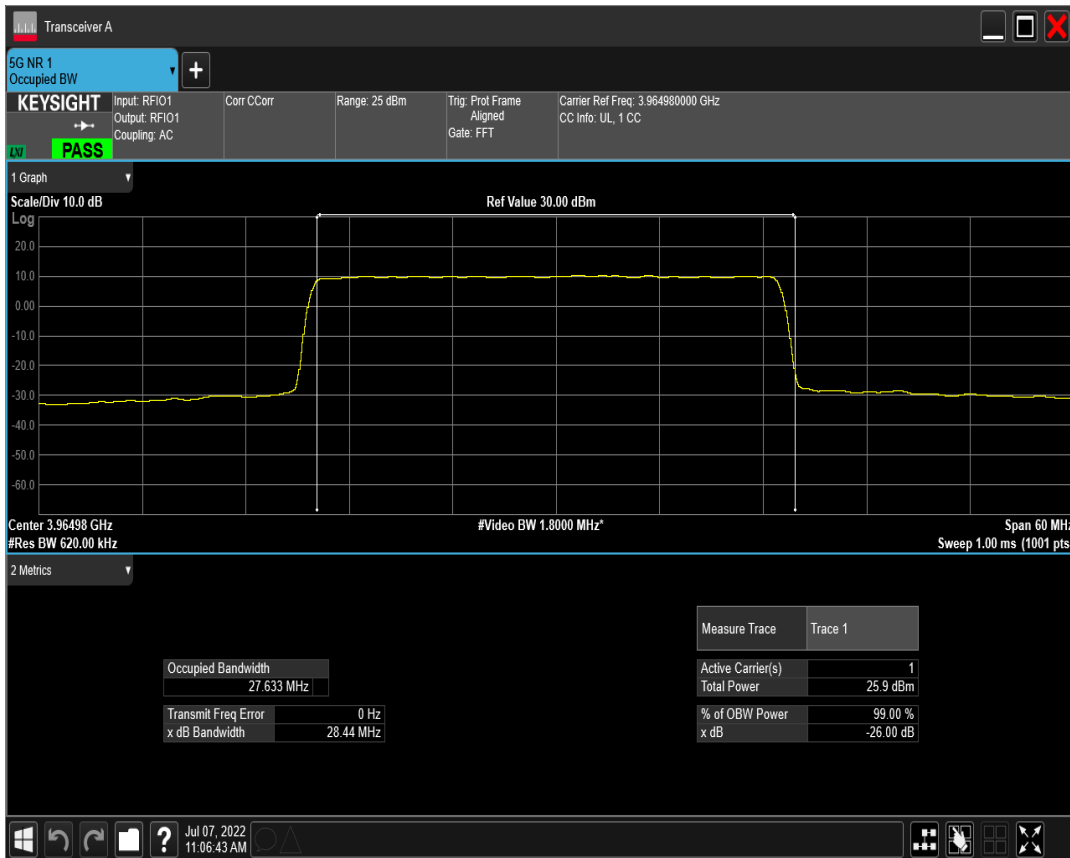


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=664332 RB=75@0



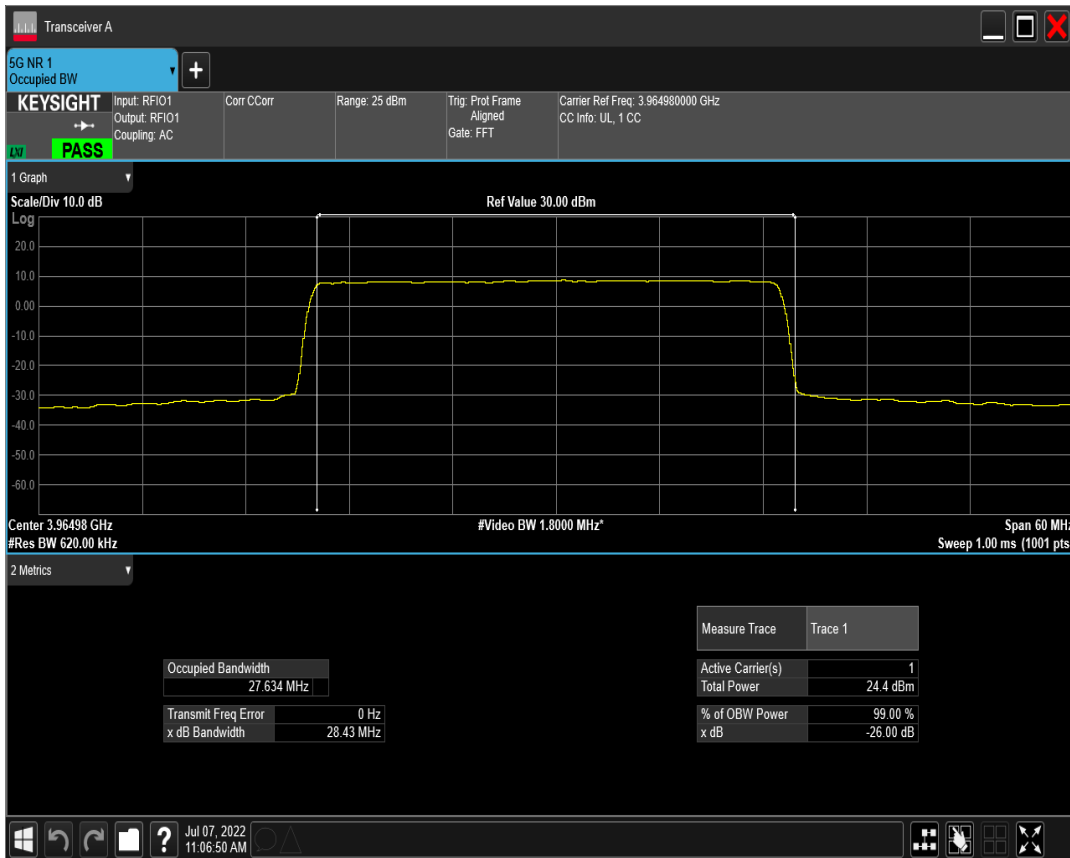
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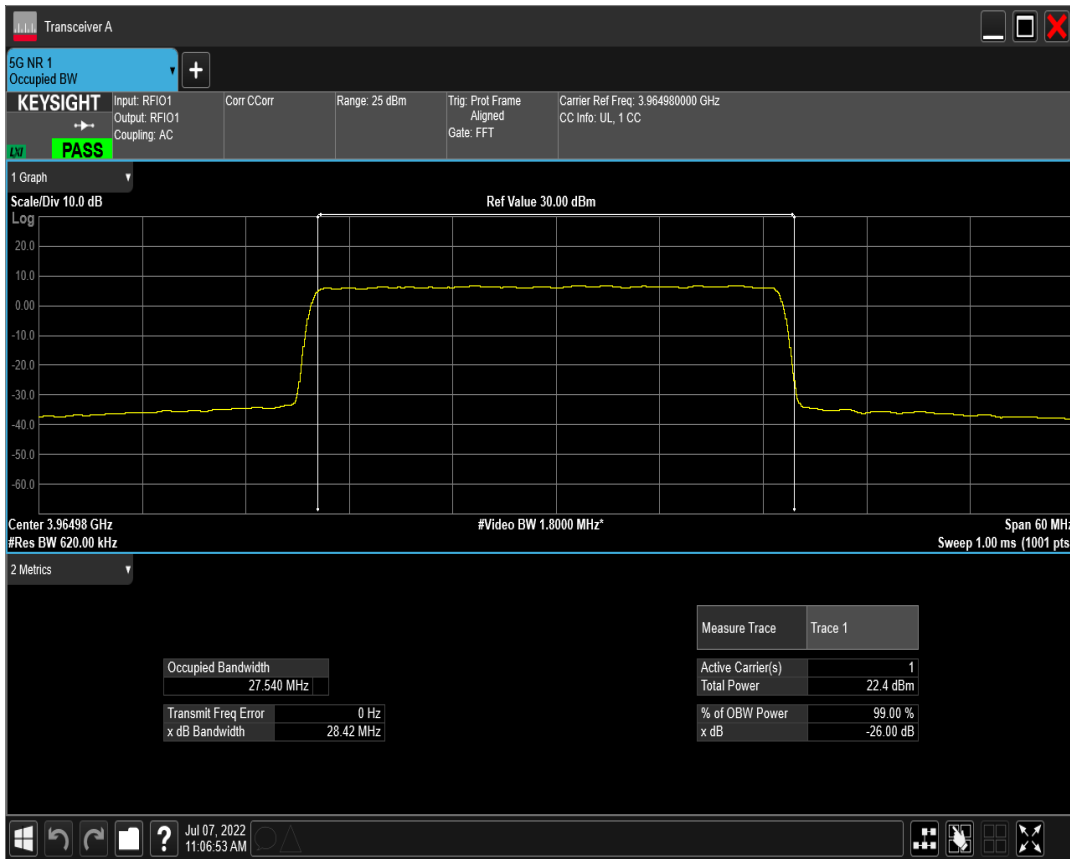
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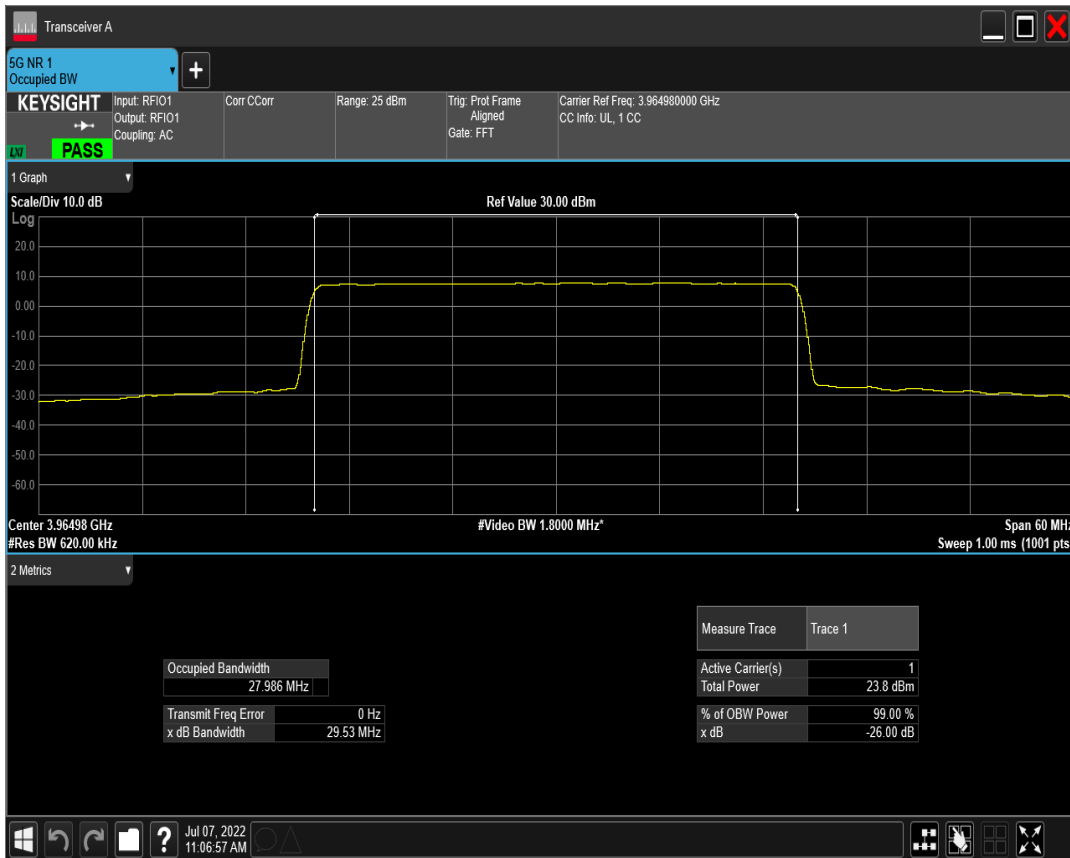
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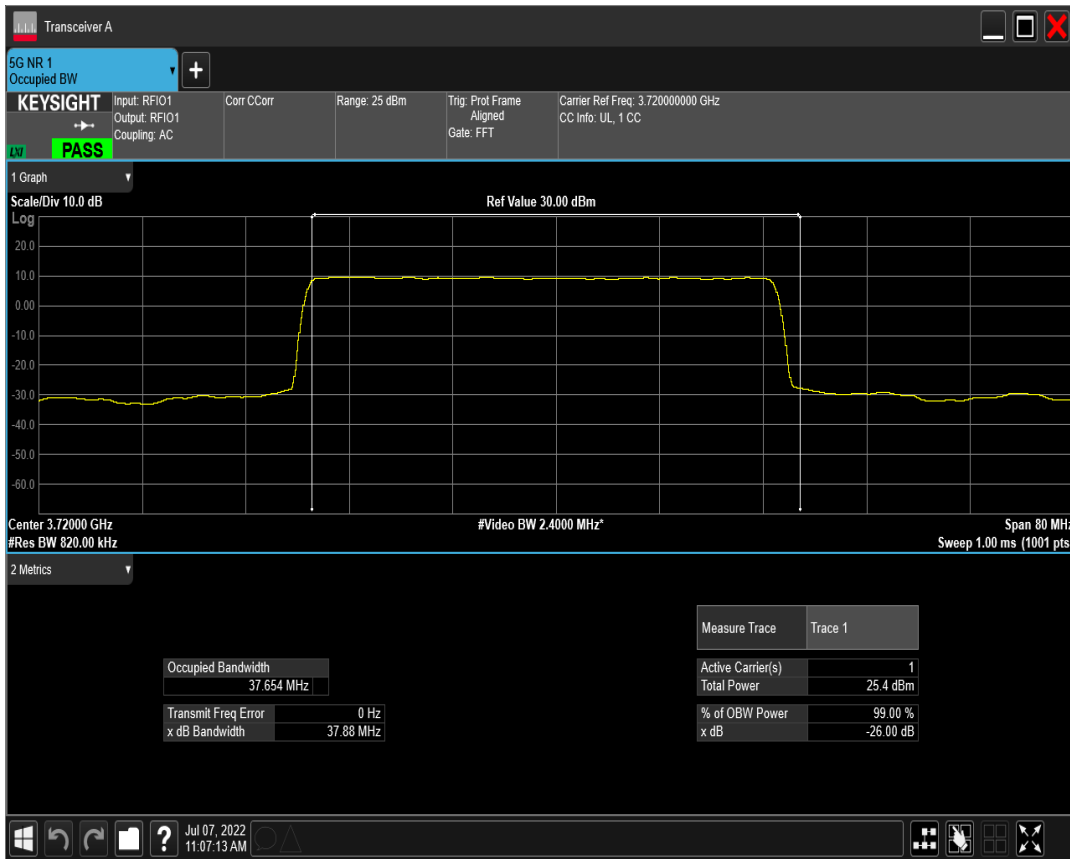
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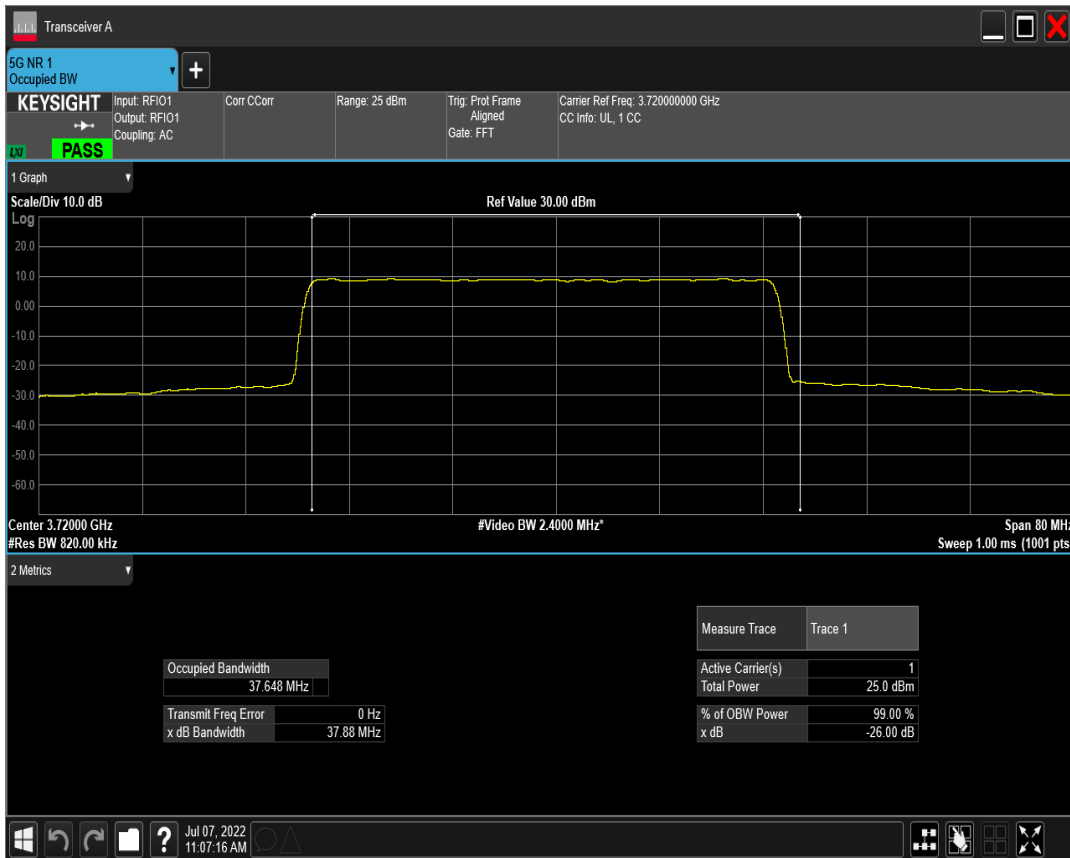
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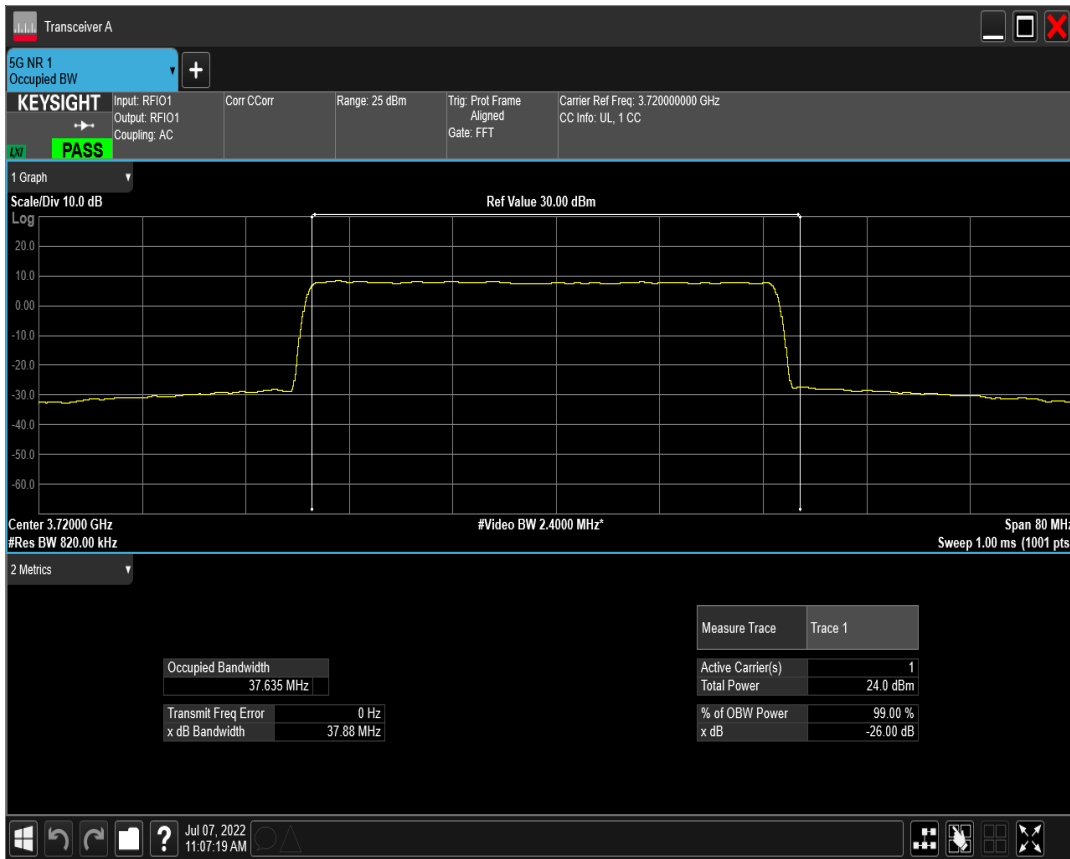
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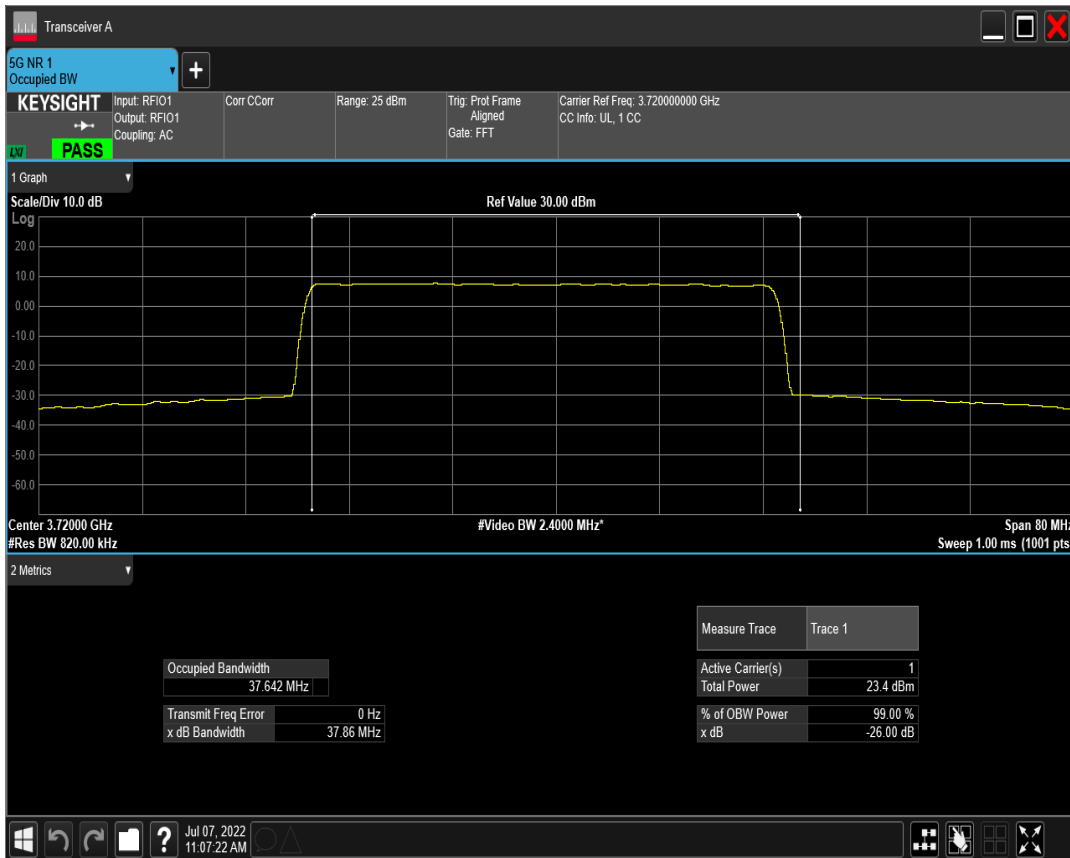
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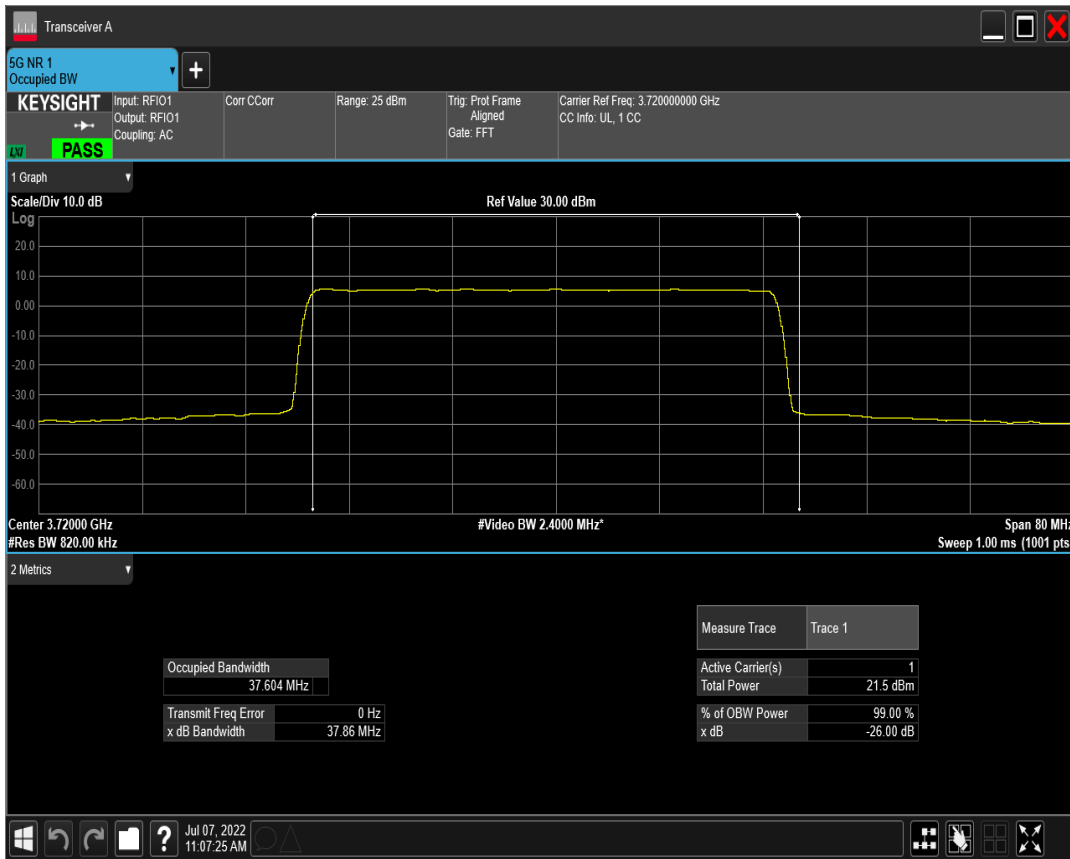
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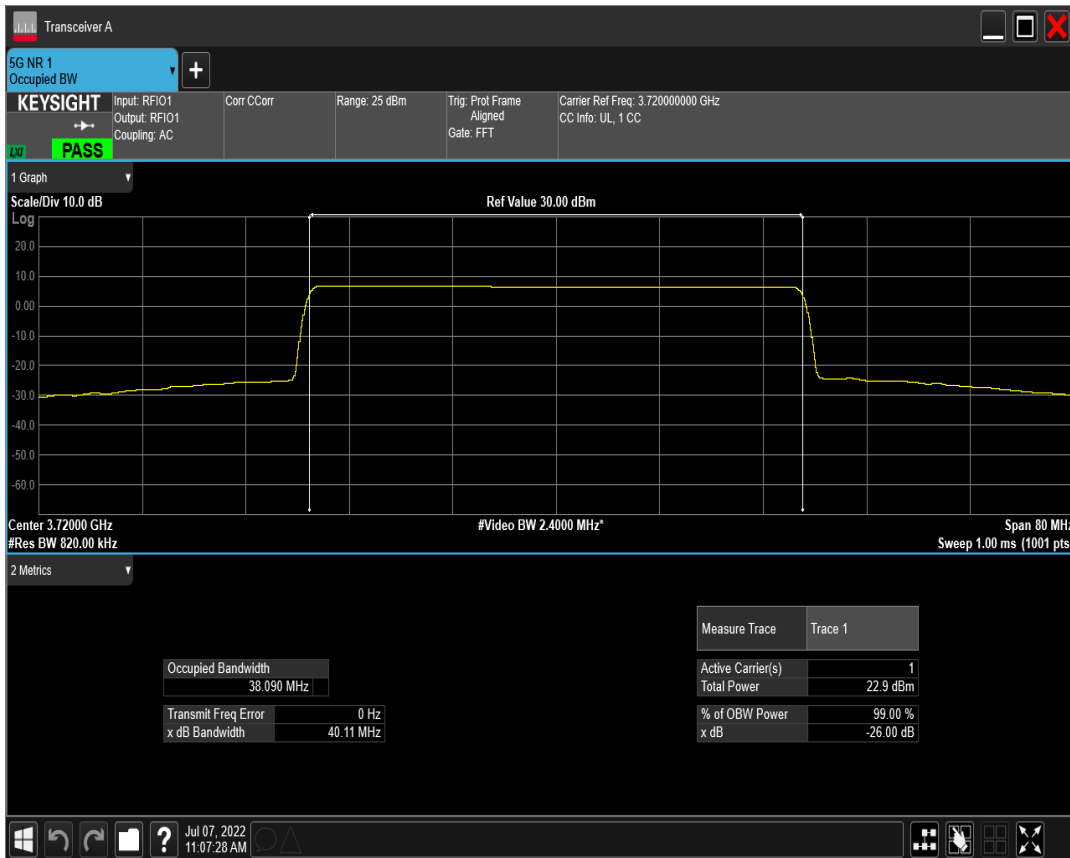
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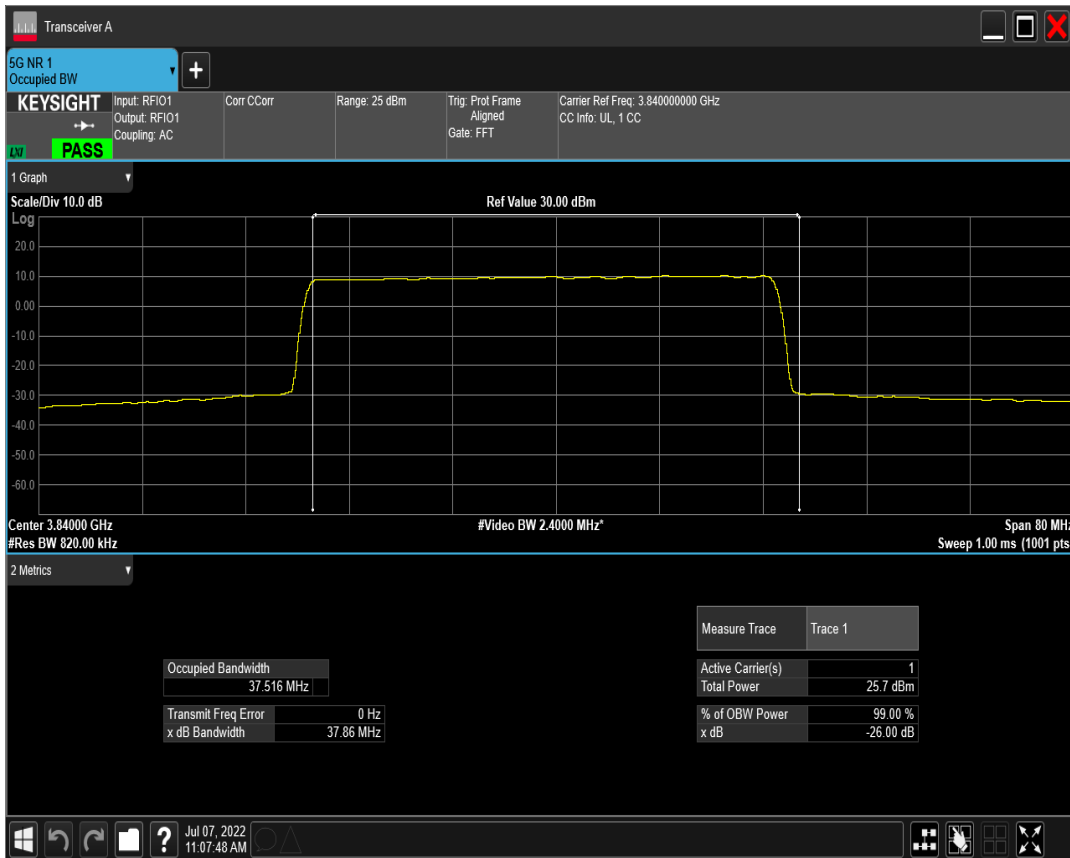
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=656000 RB=100@0



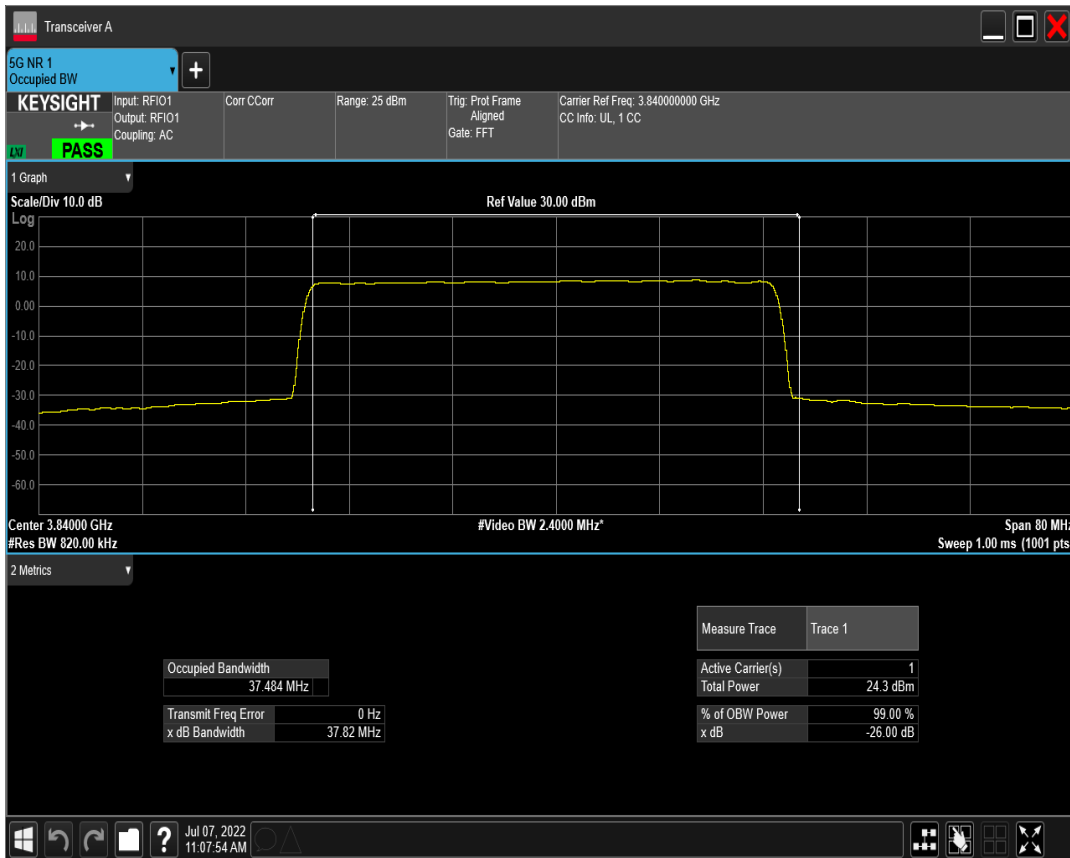
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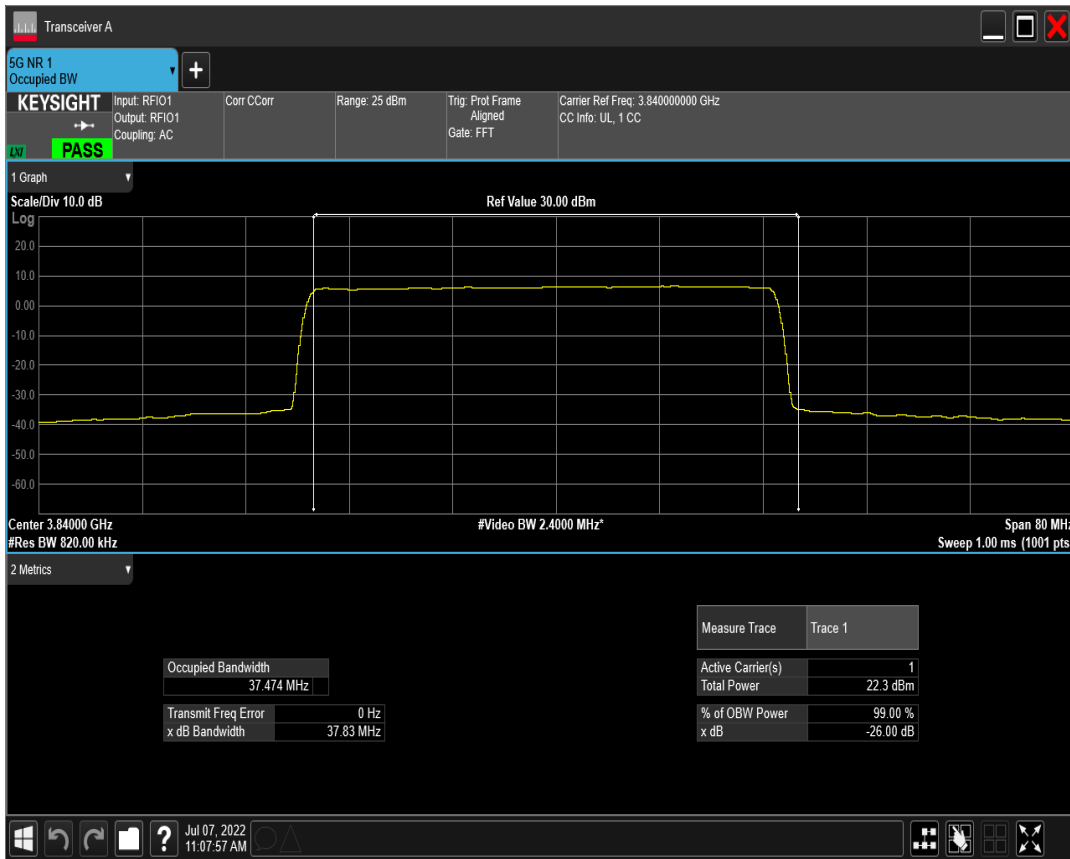


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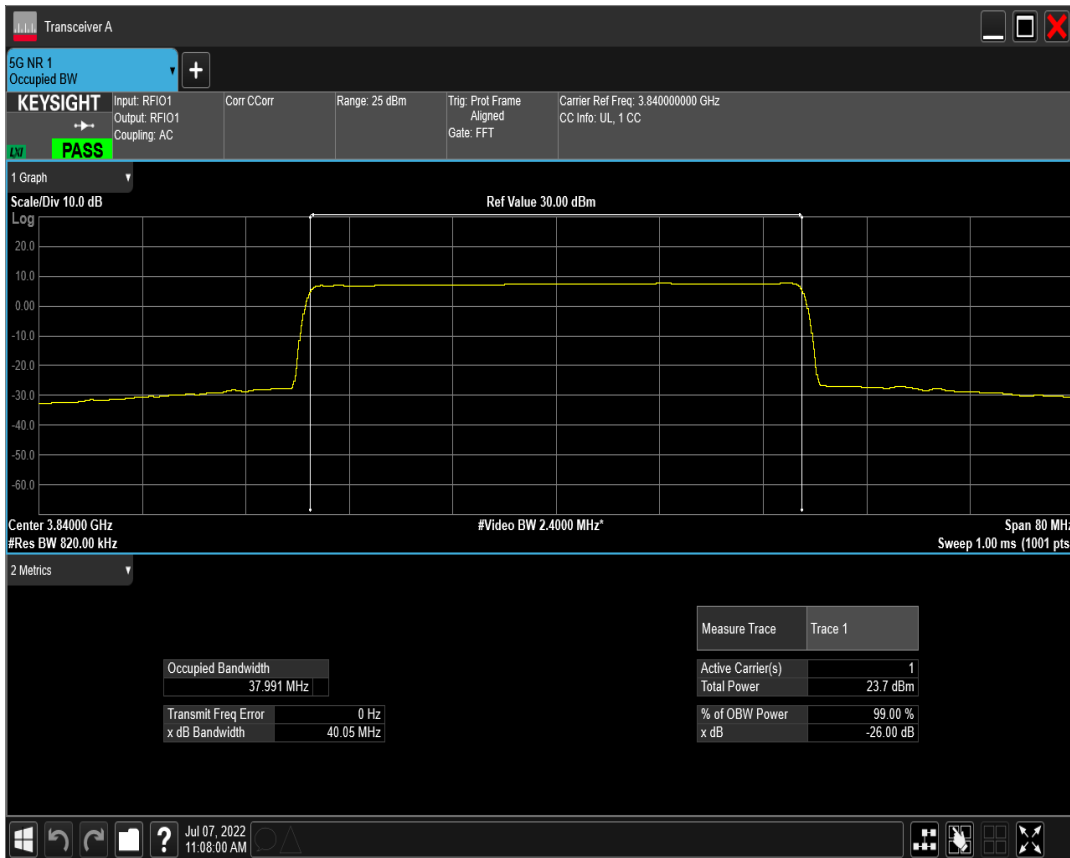




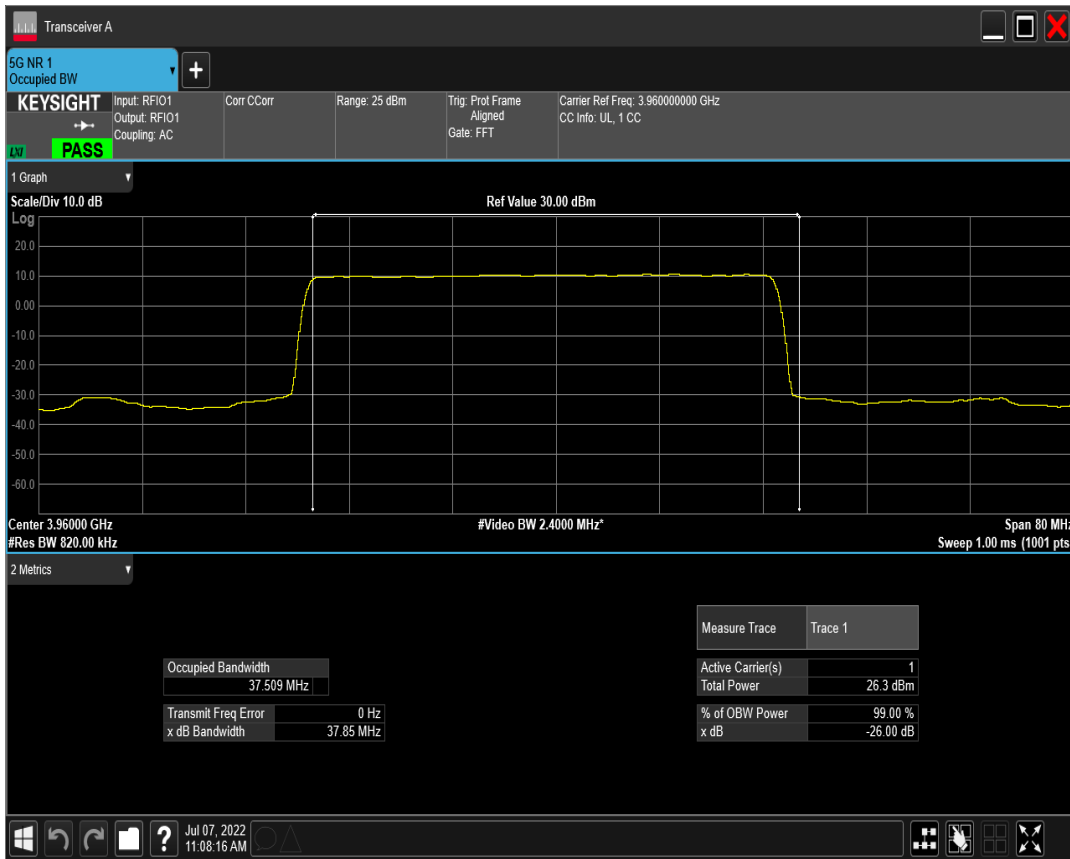
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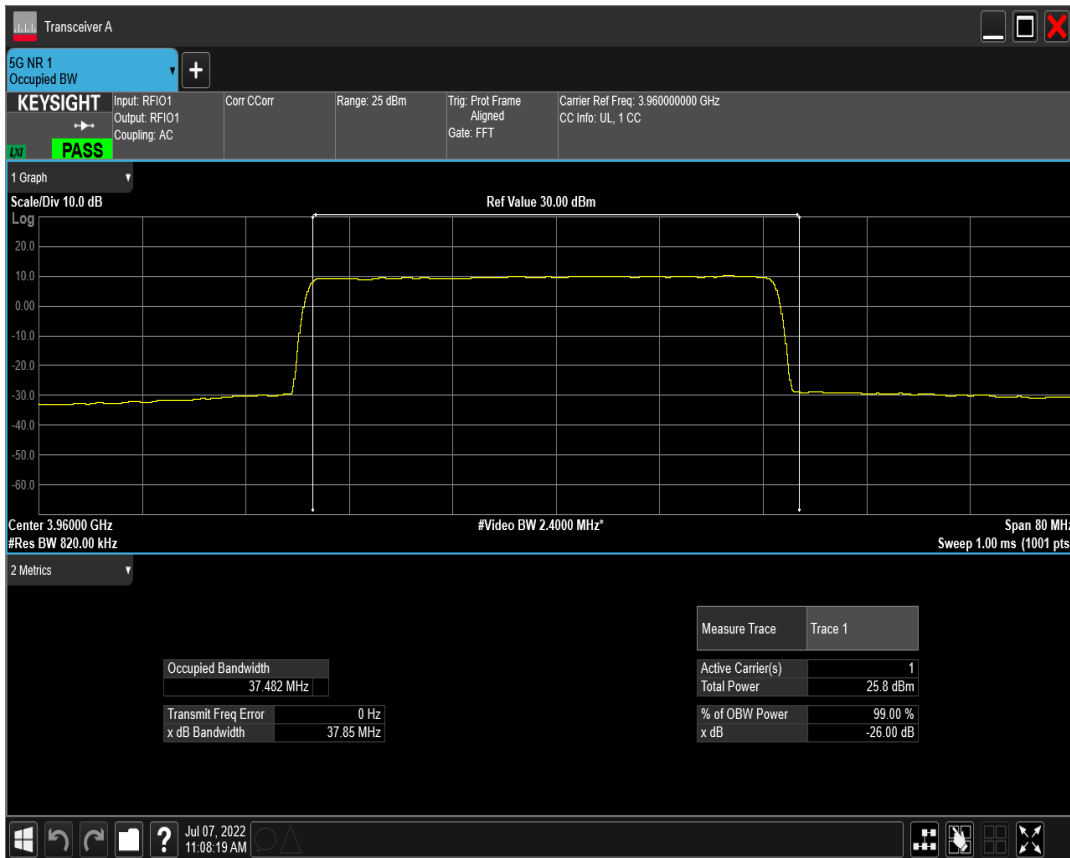
n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=656000 RB=106@0



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



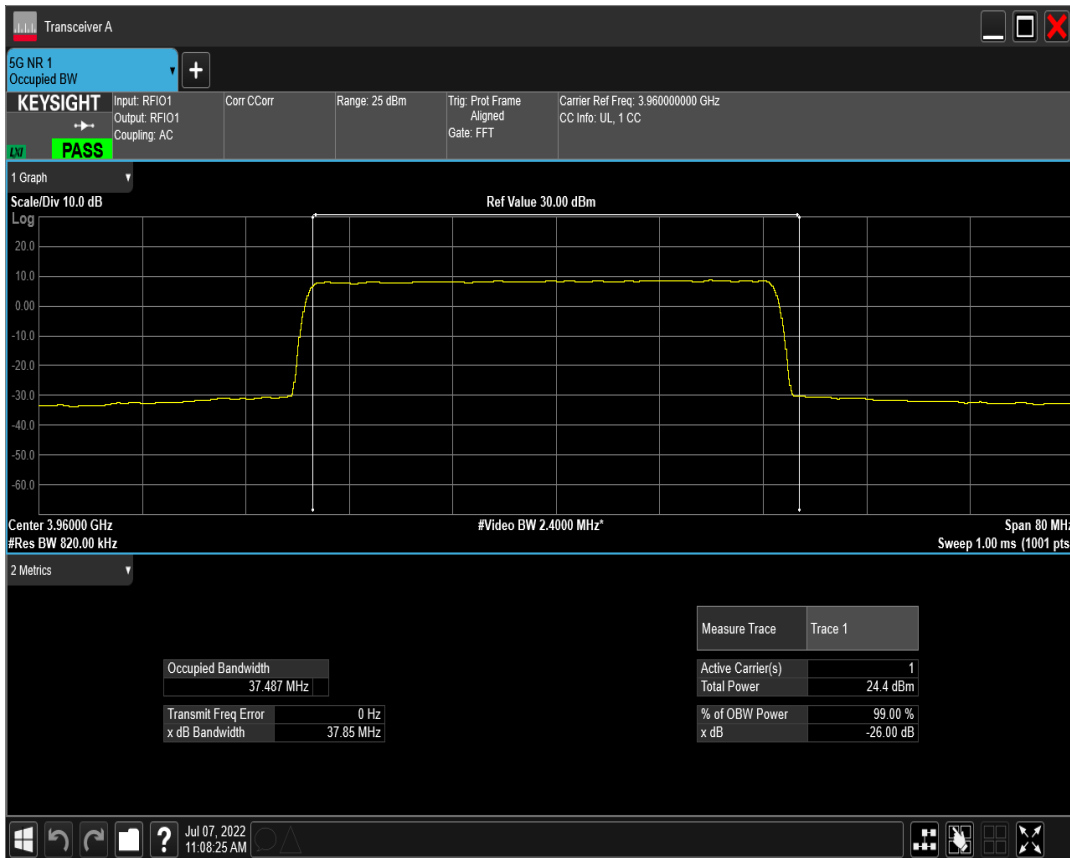
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n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=664000 RB=100@0



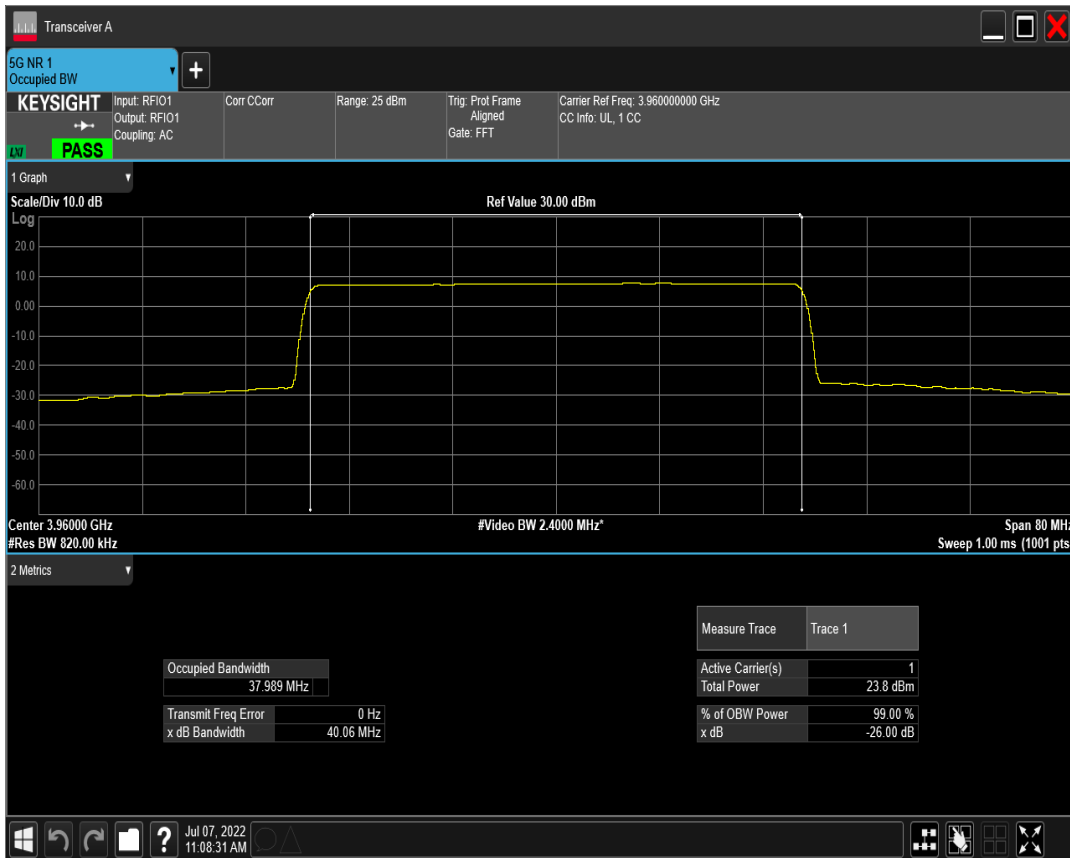
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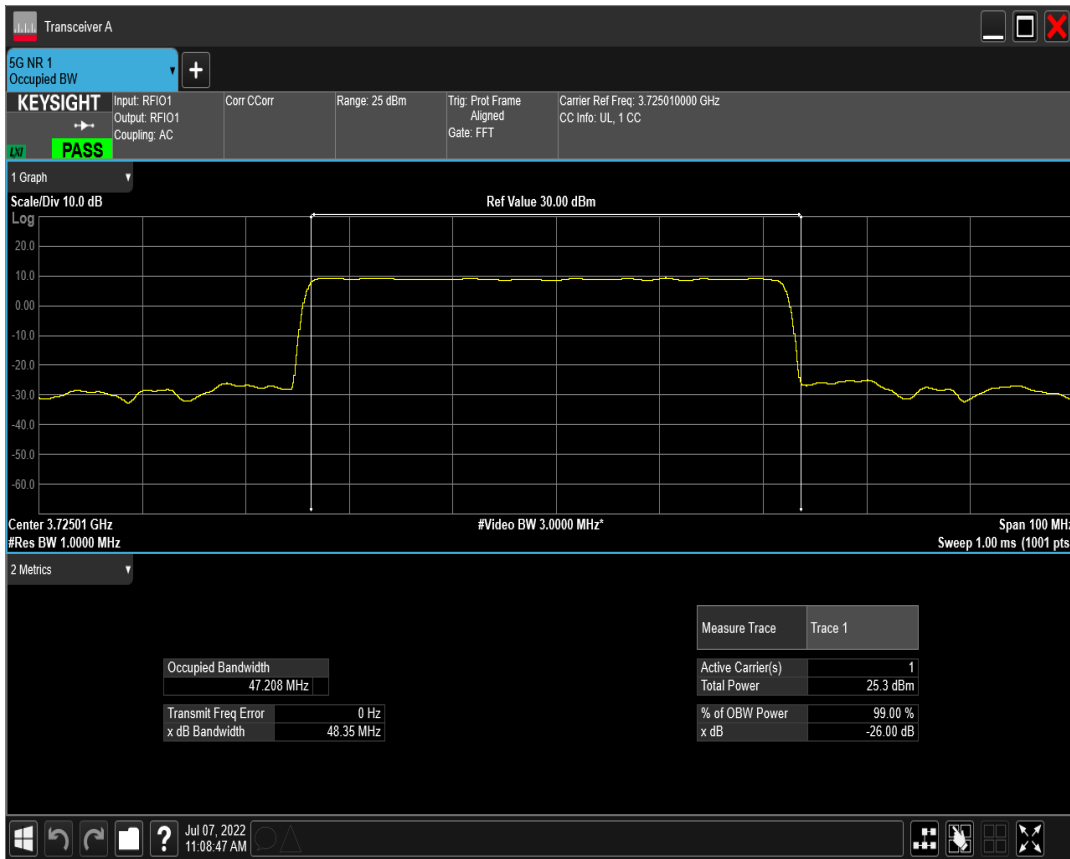
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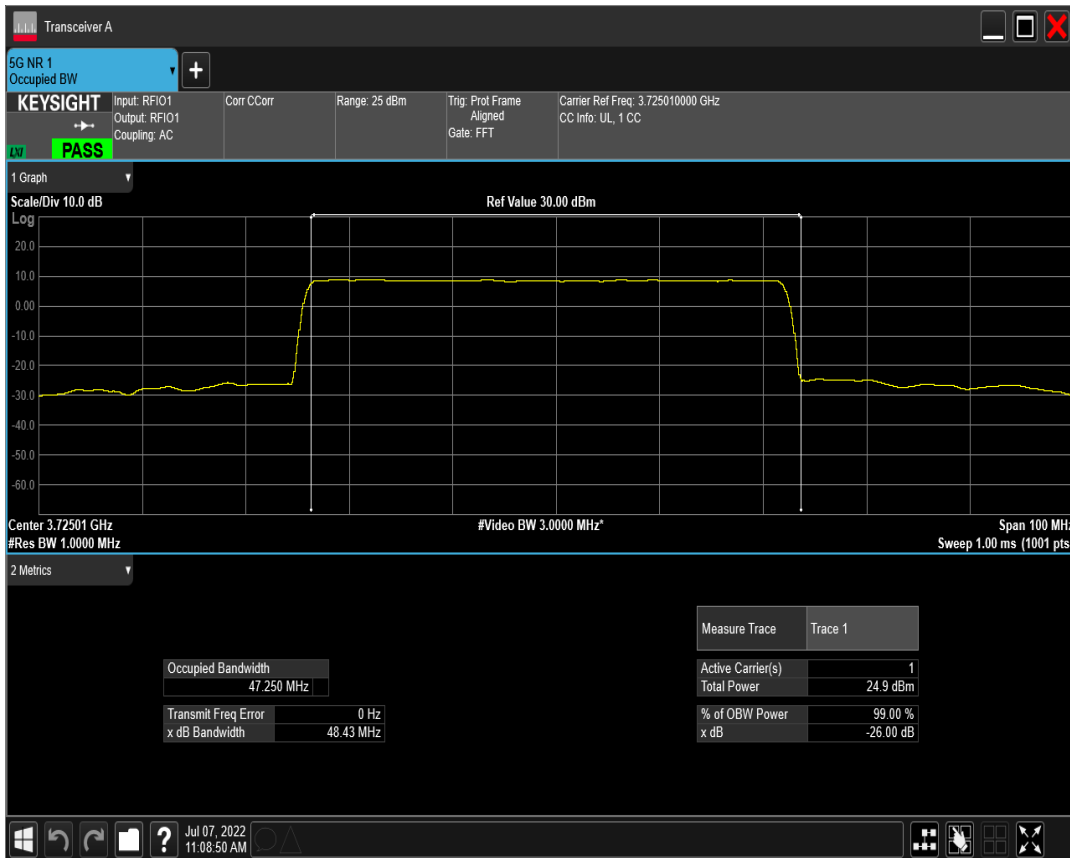
n77(3700-3980) SCS=30kHz CP\_QPSK BW=40MHz Channel=664000 RB=106@0



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



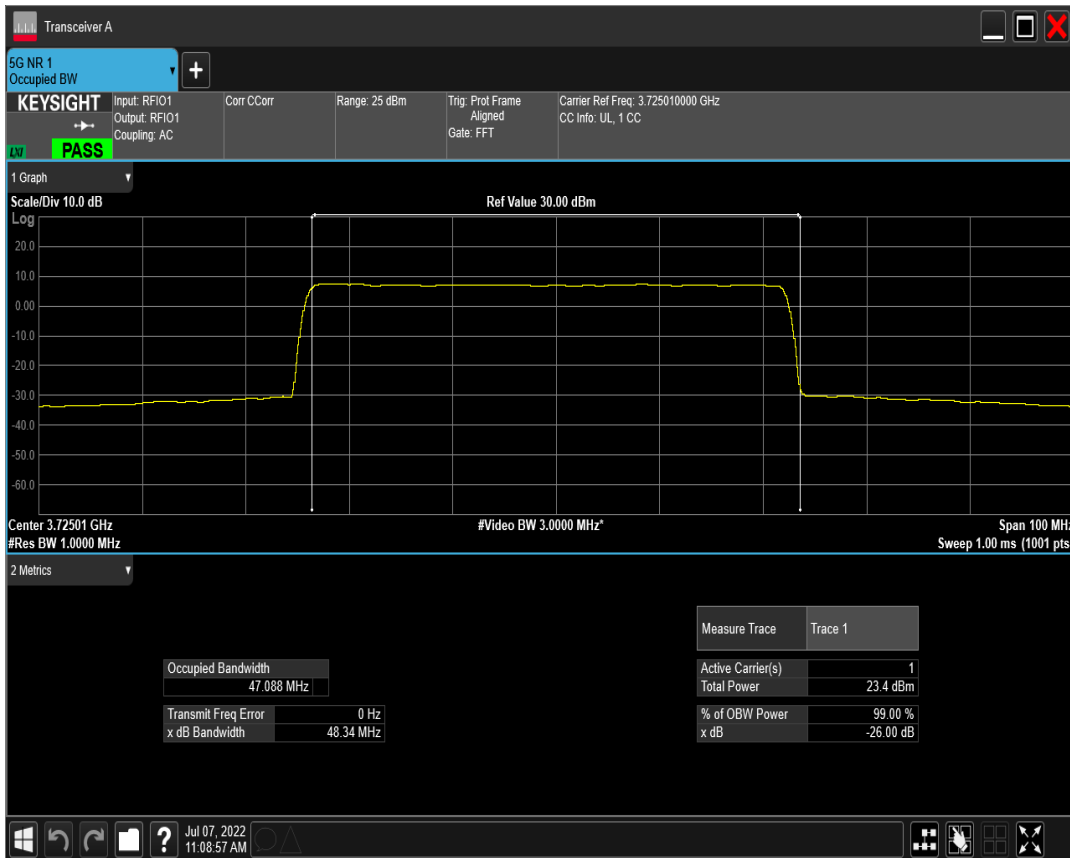
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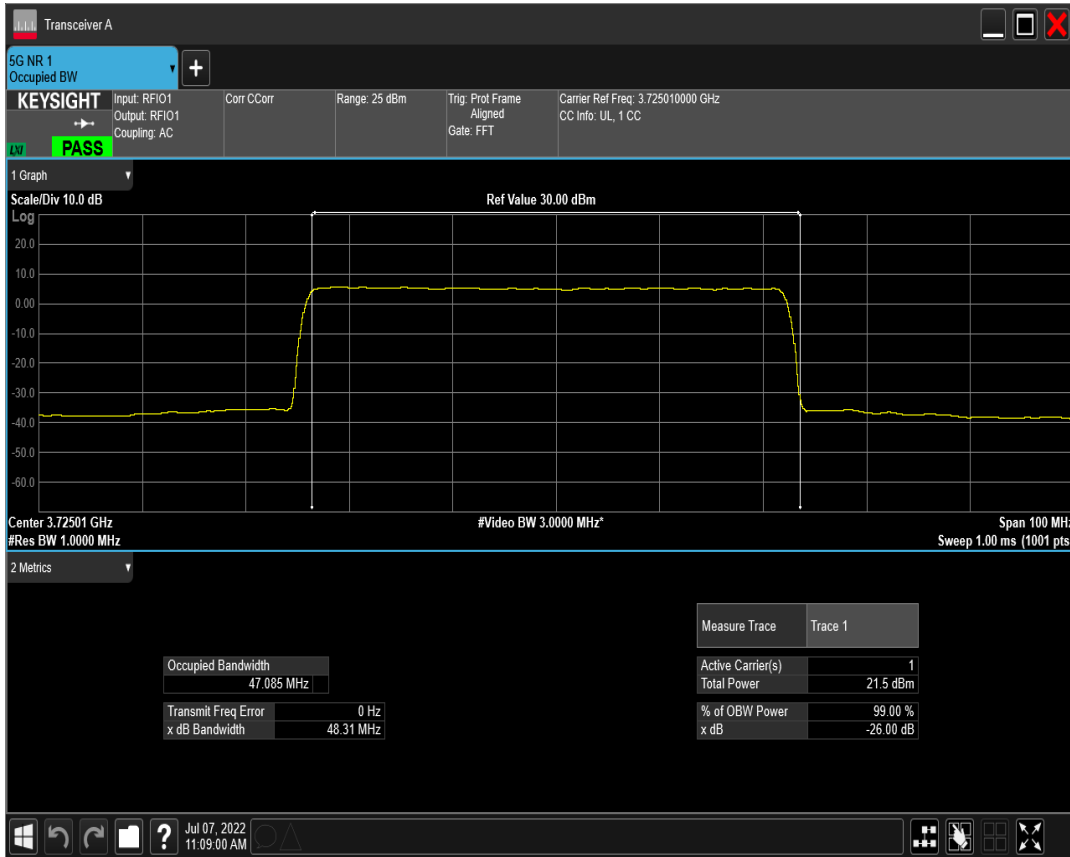
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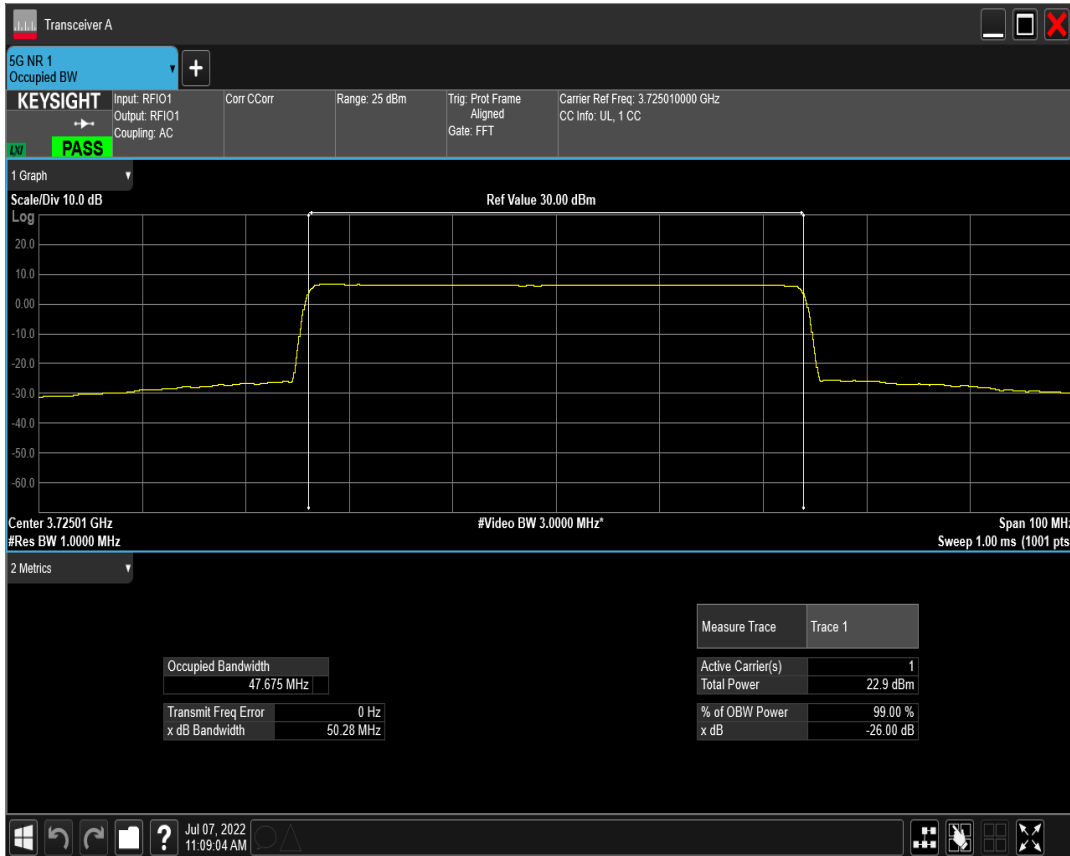
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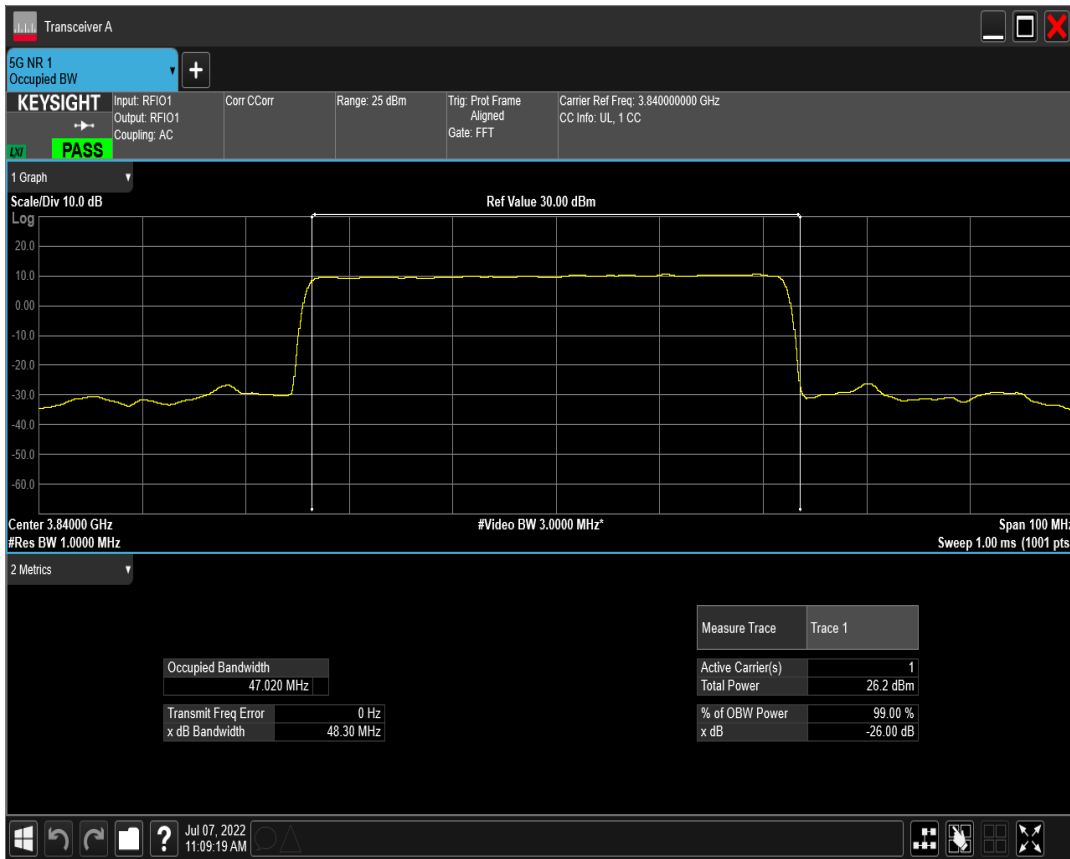
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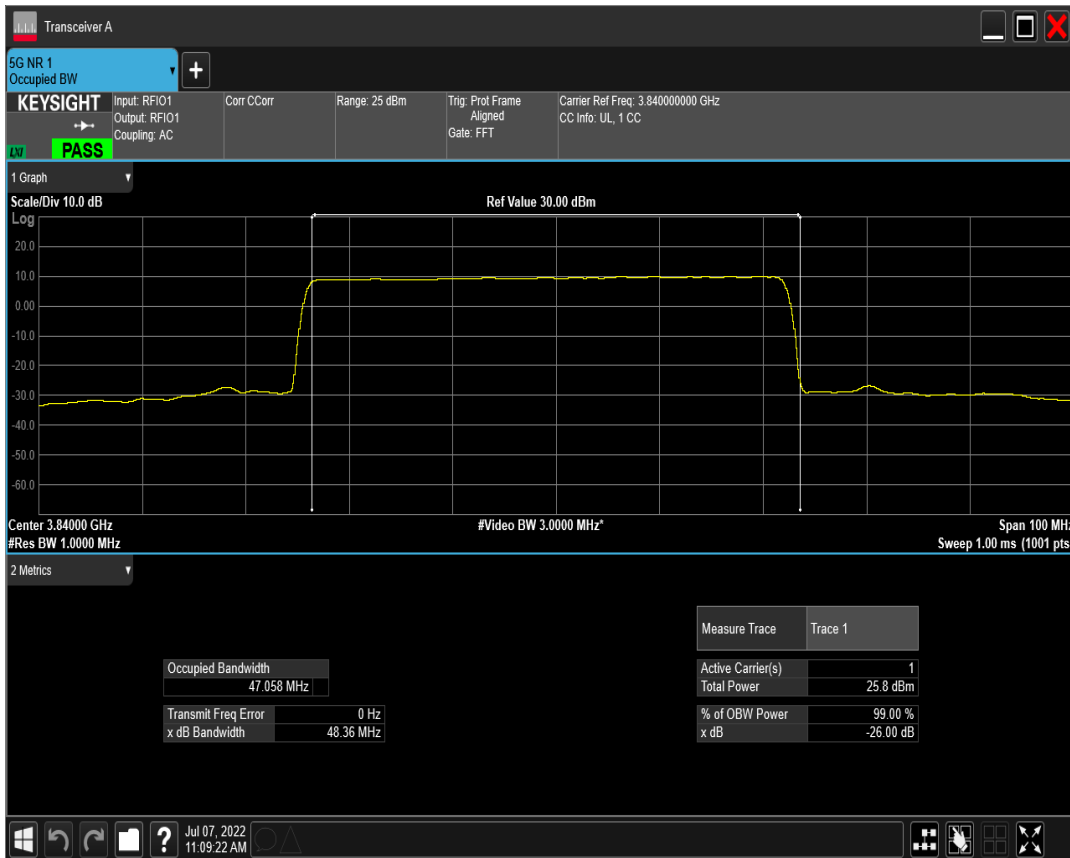
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=656000 RB=128@0



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

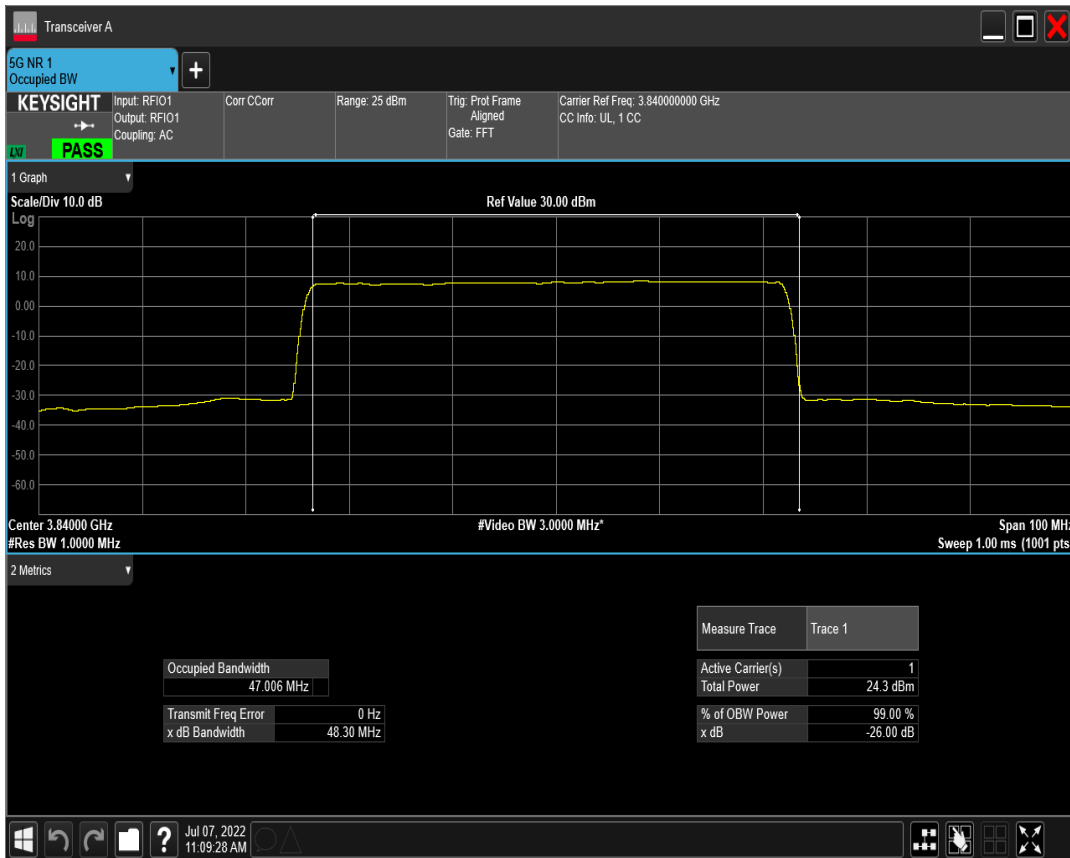




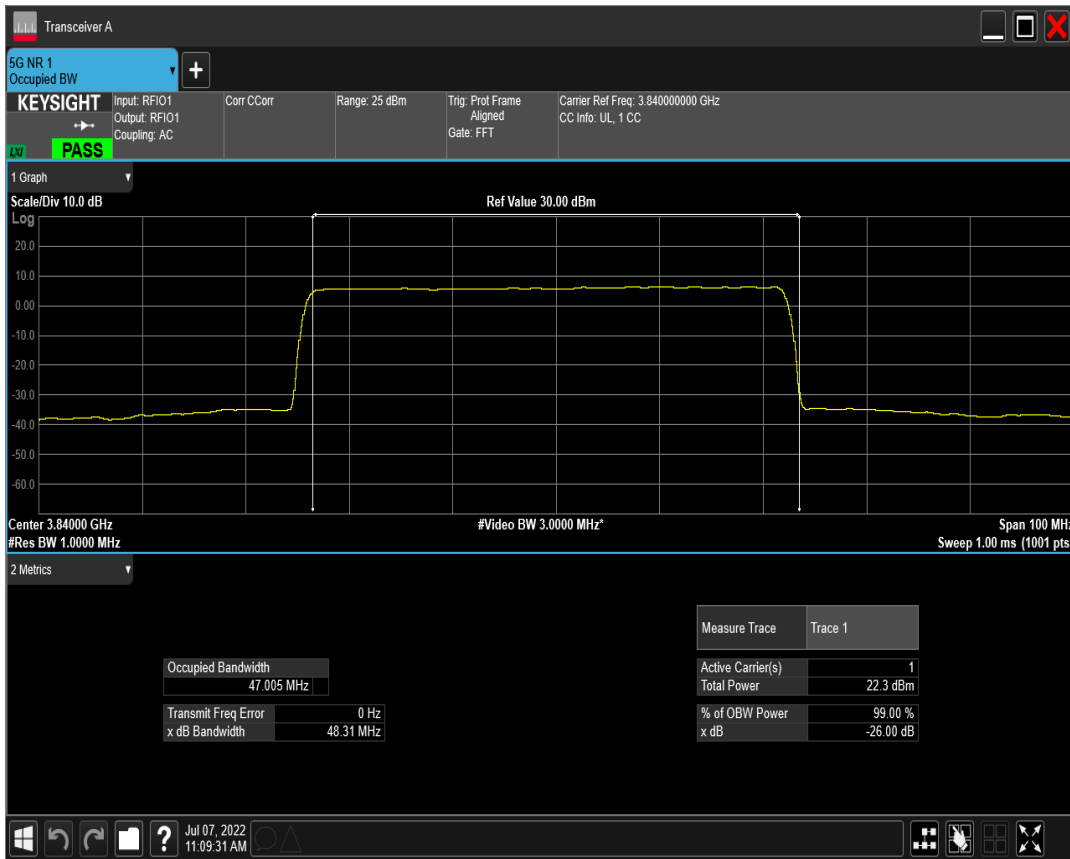
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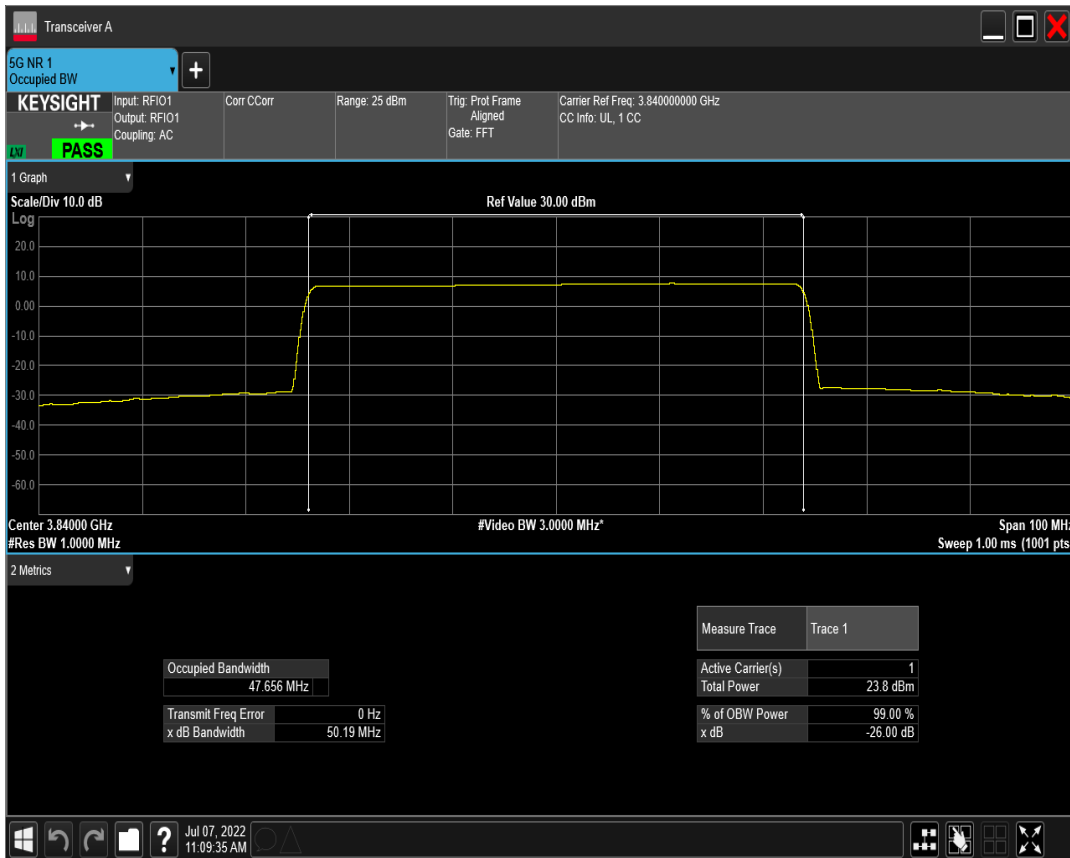
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=656000 RB=128@0



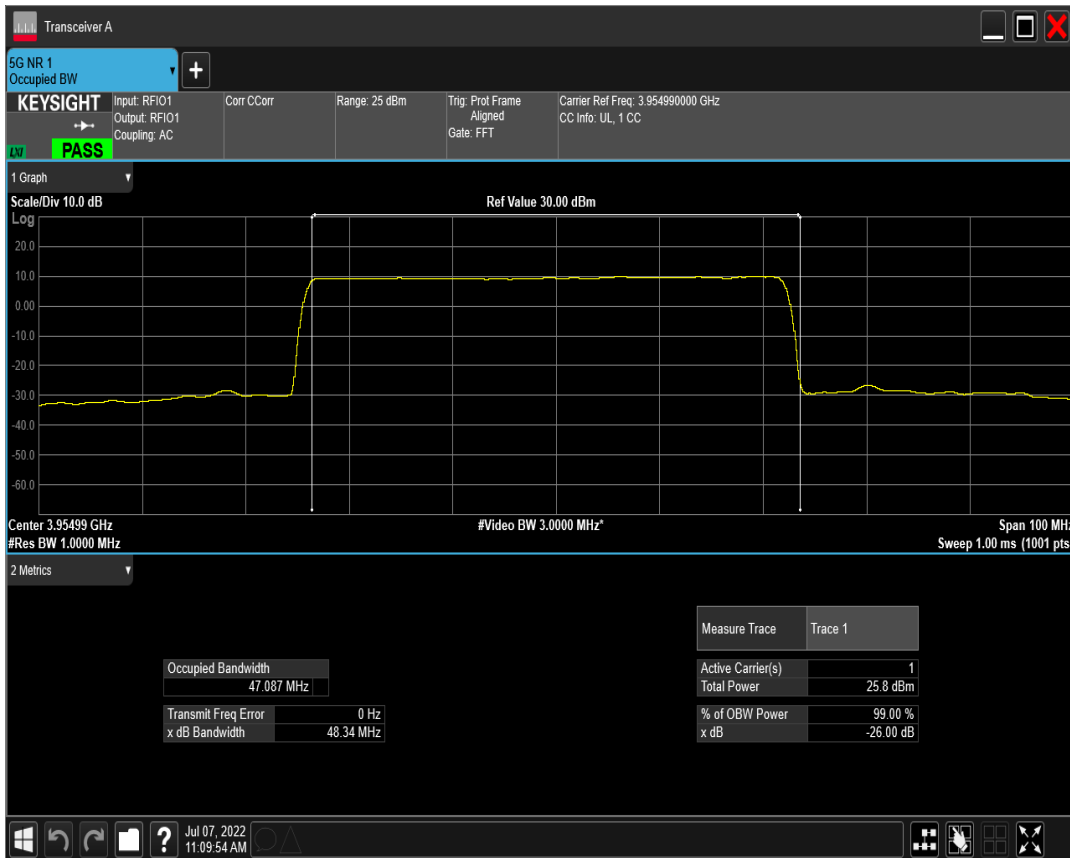
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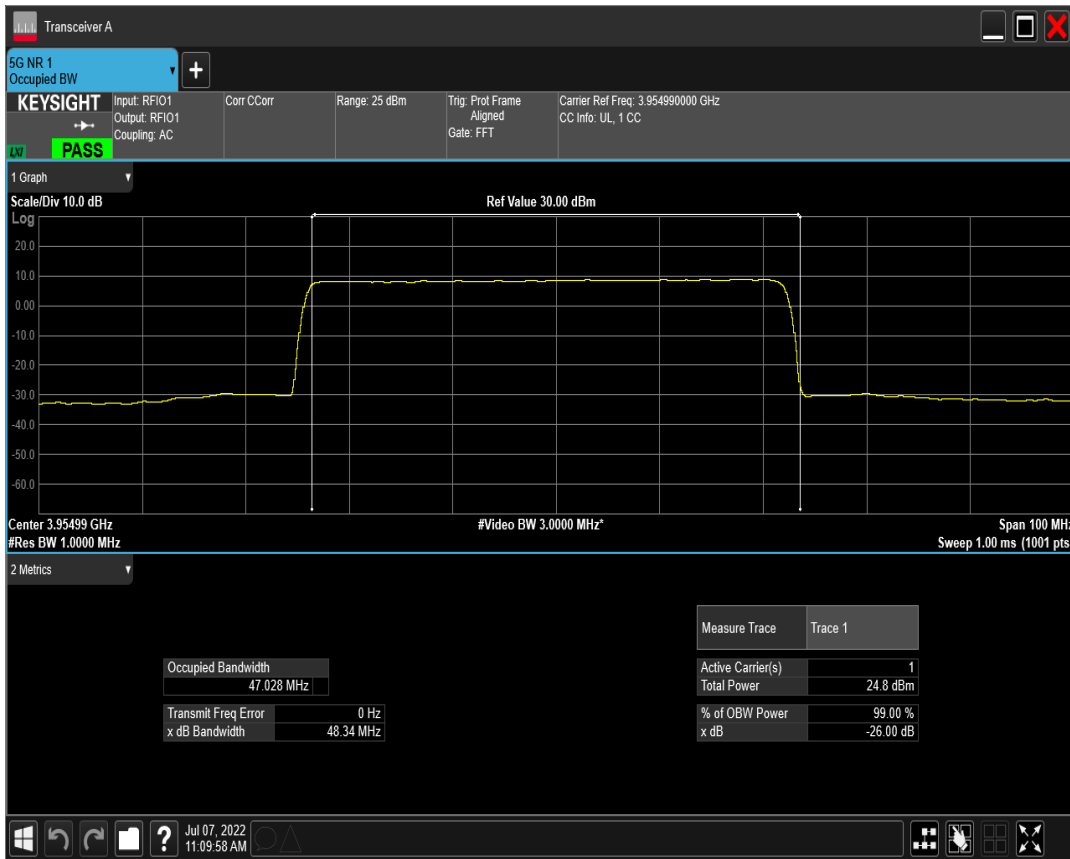
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=663666 RB=128@0



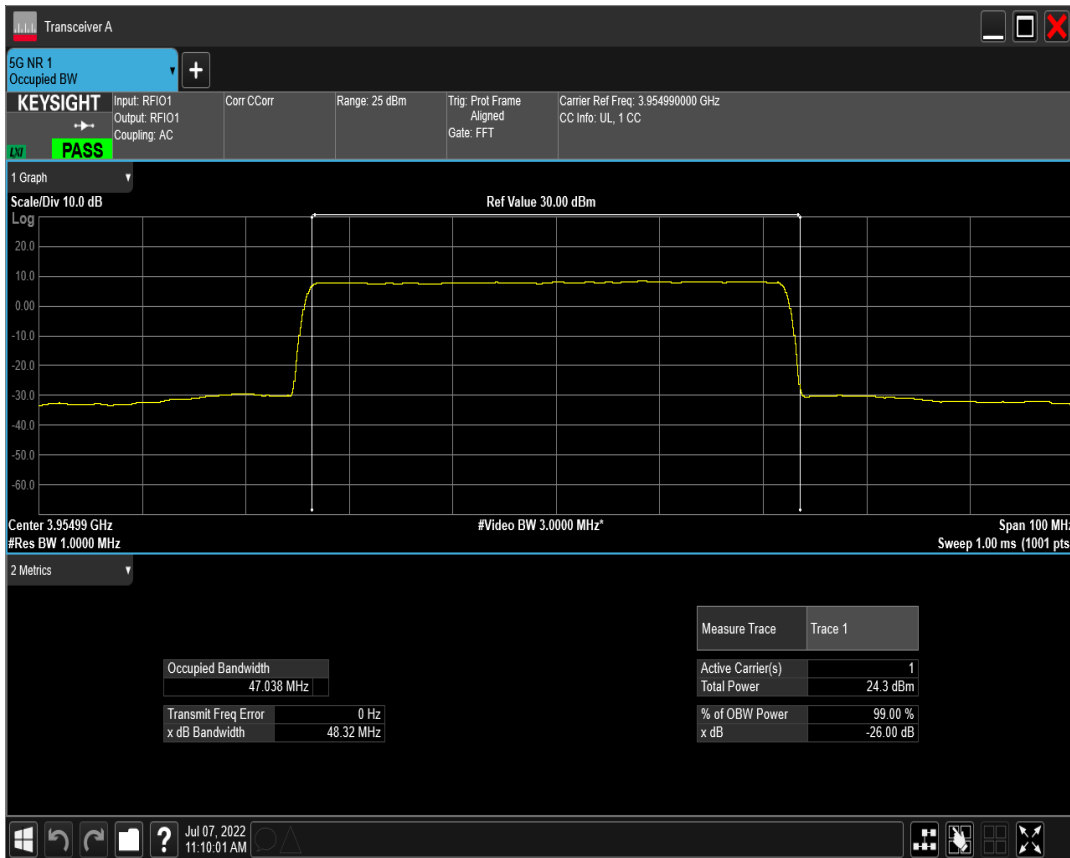
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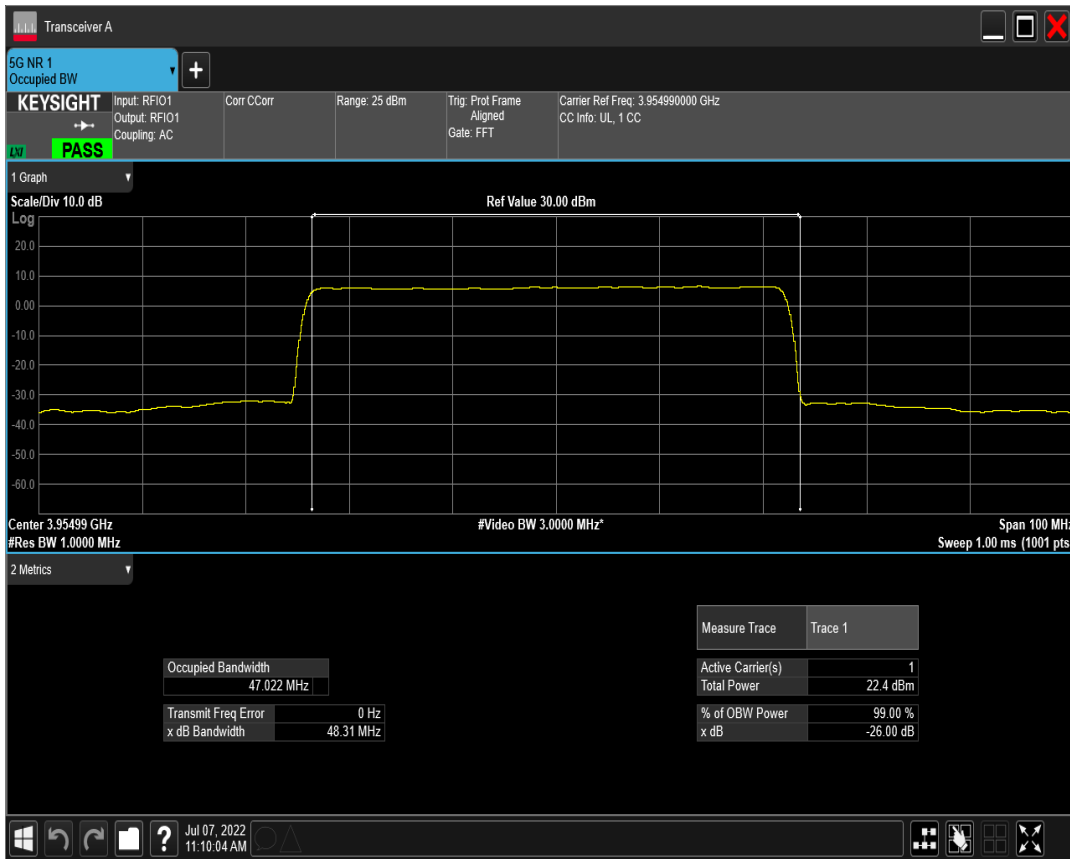
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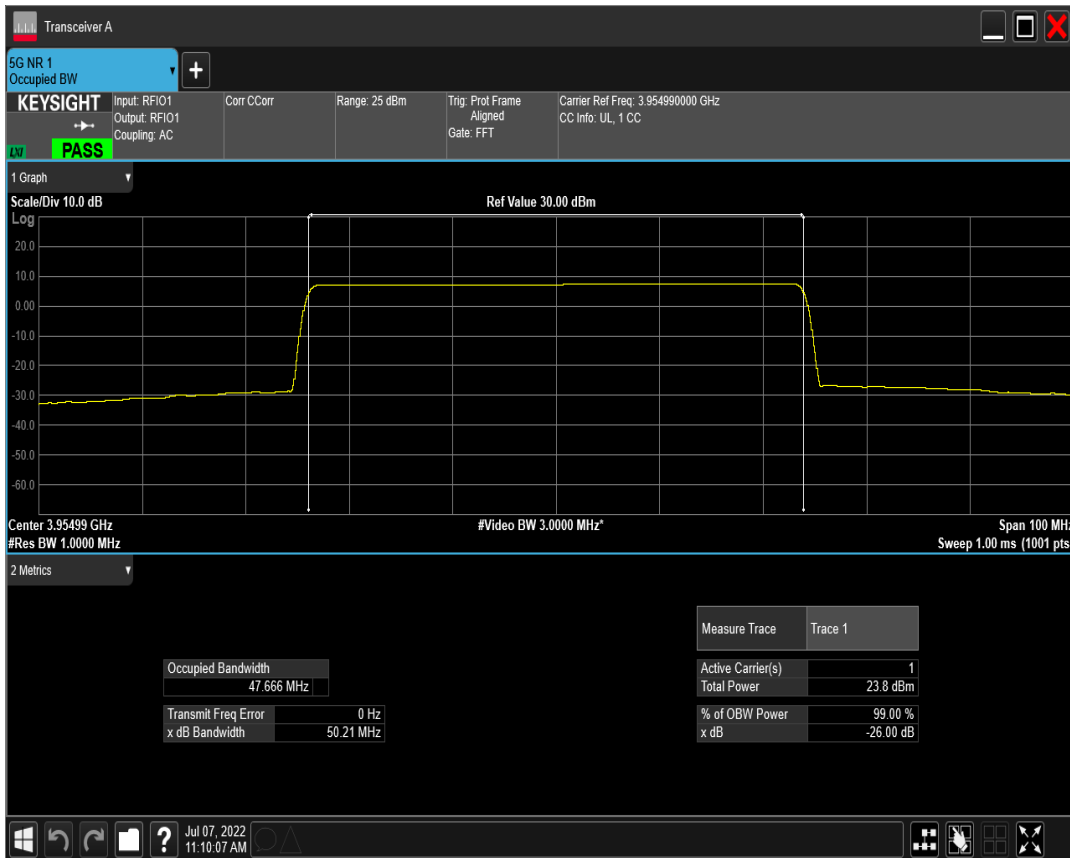
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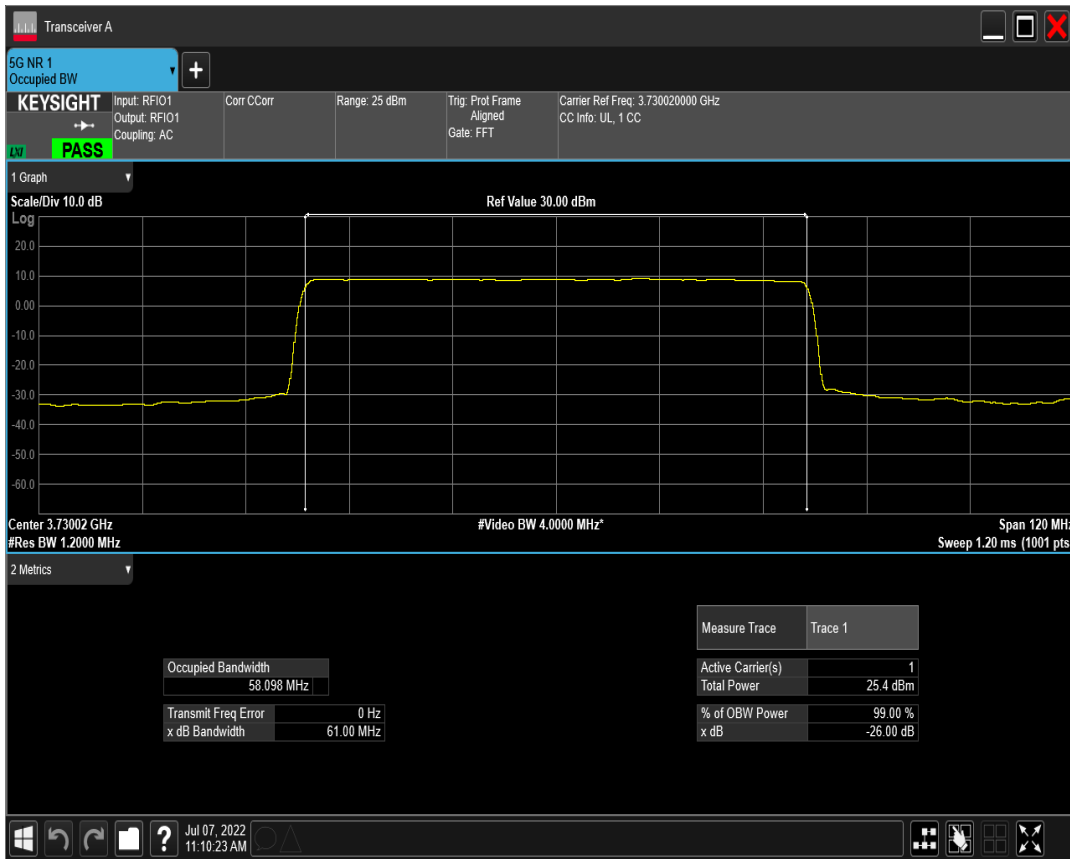
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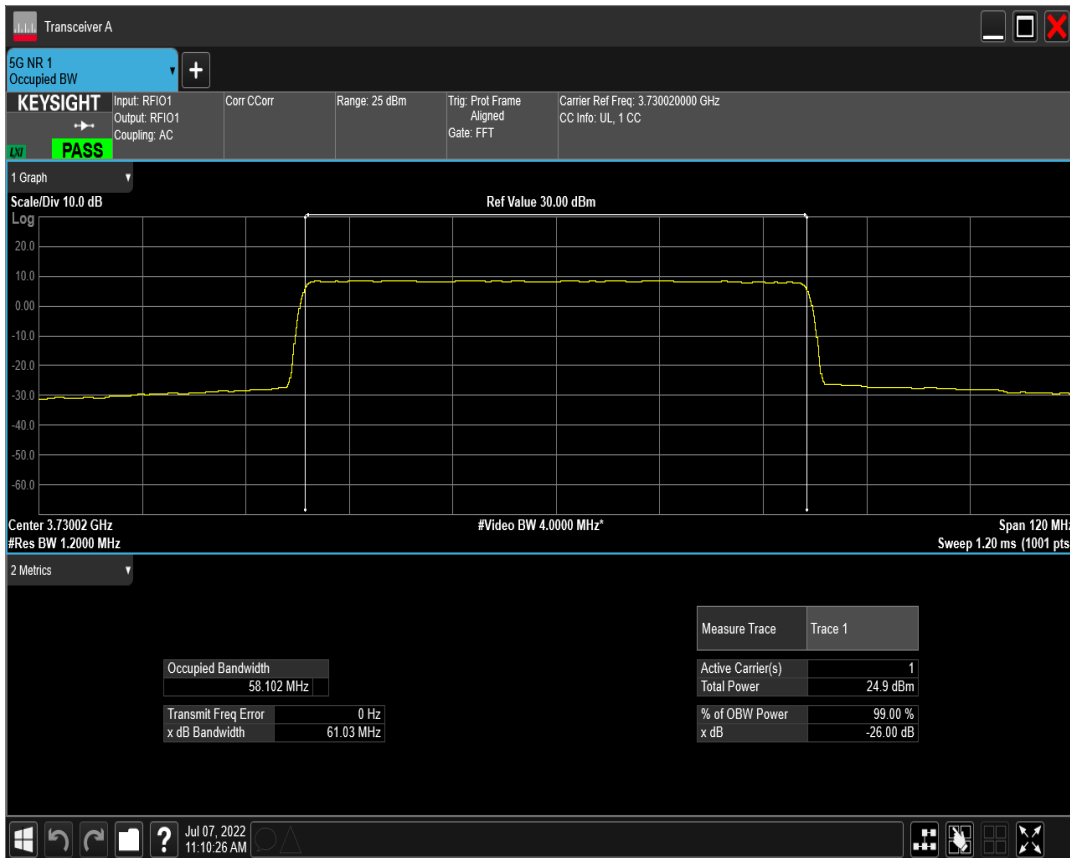
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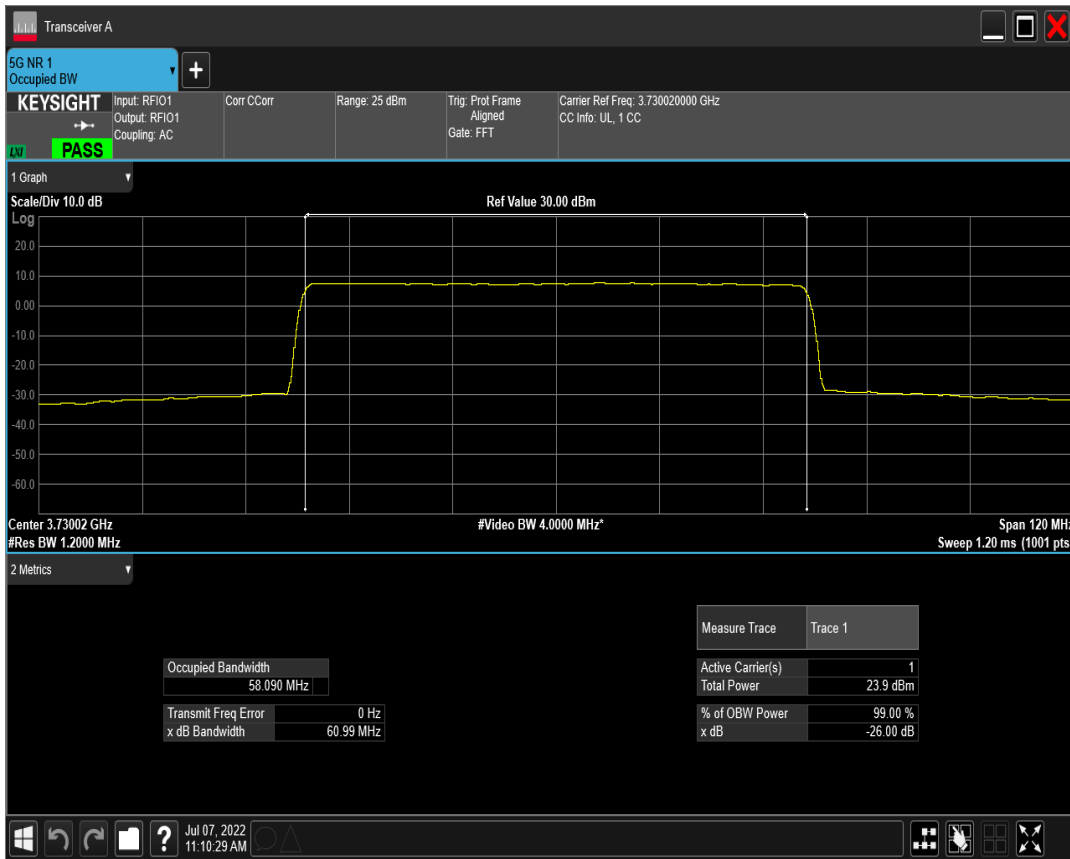
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=648668 RB=162@0



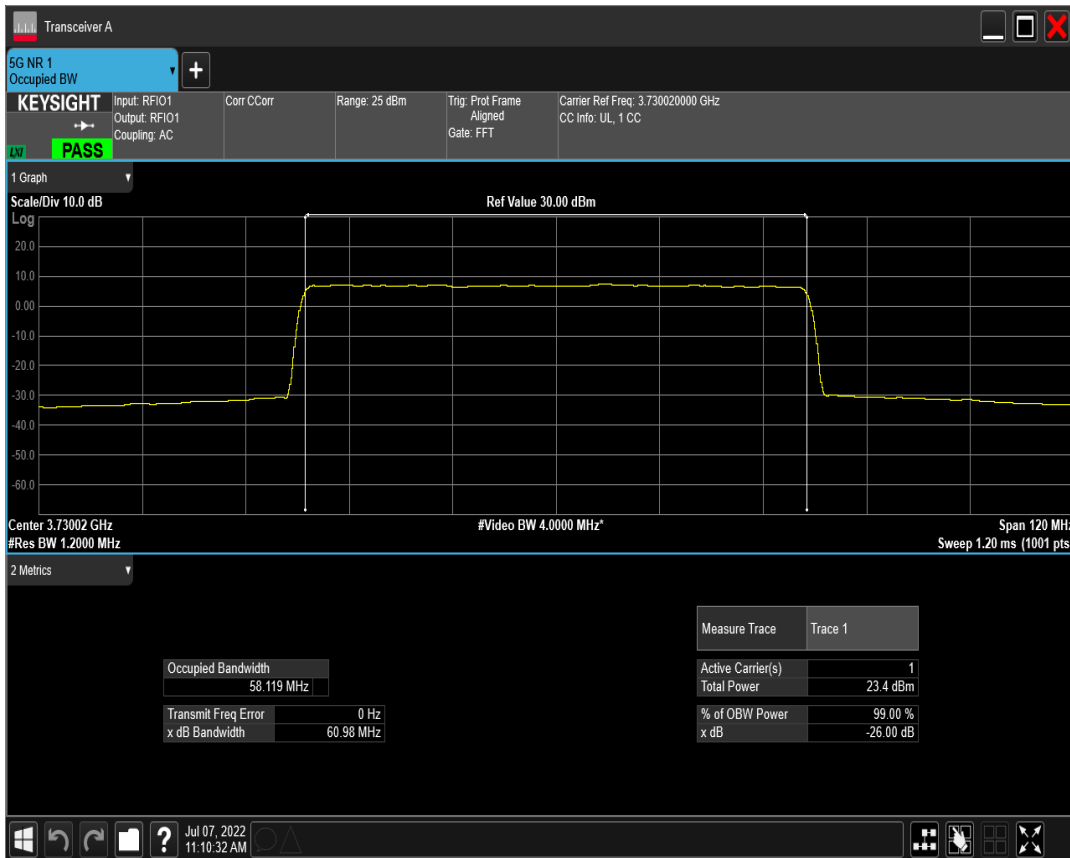
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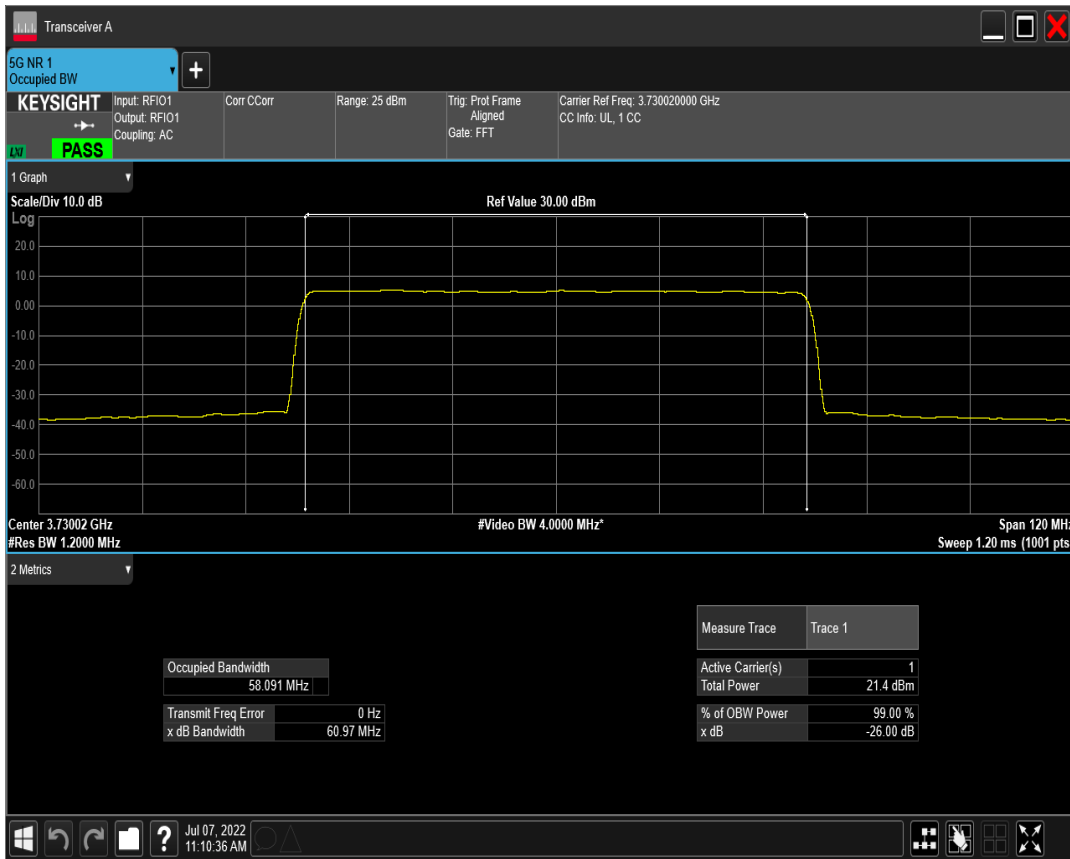
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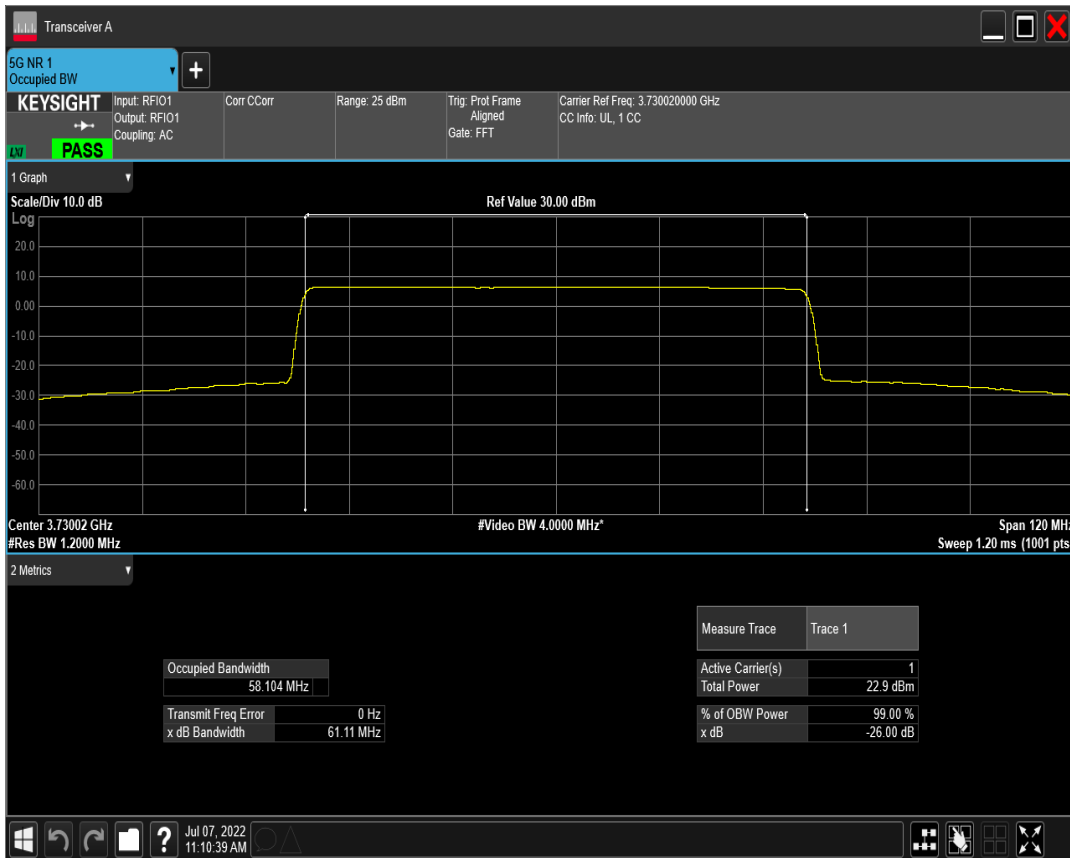
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=648668 RB=162@0



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

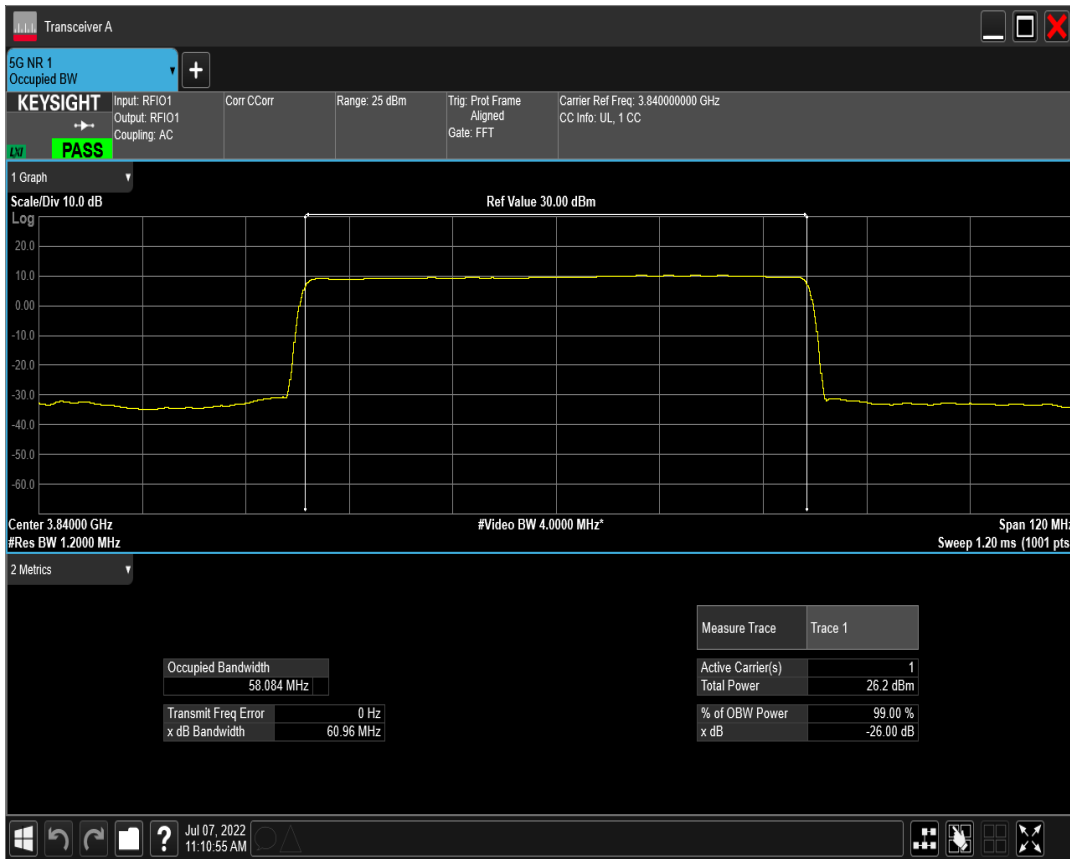


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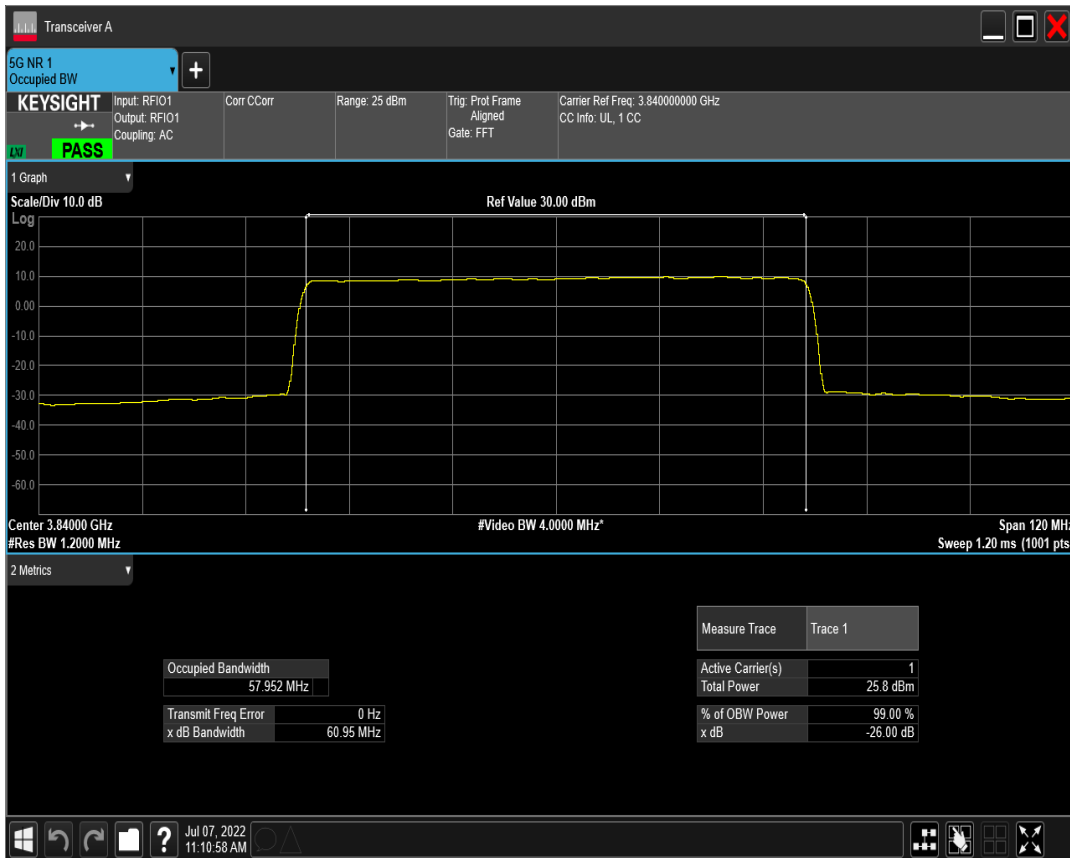




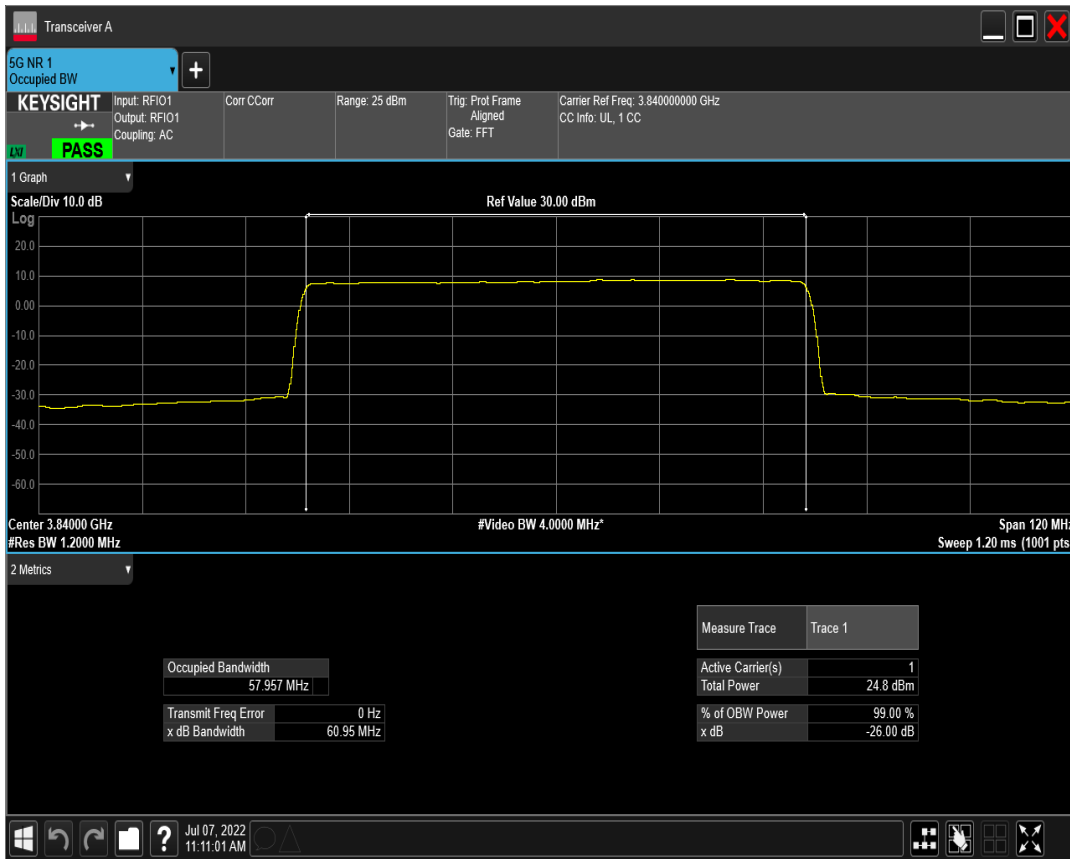
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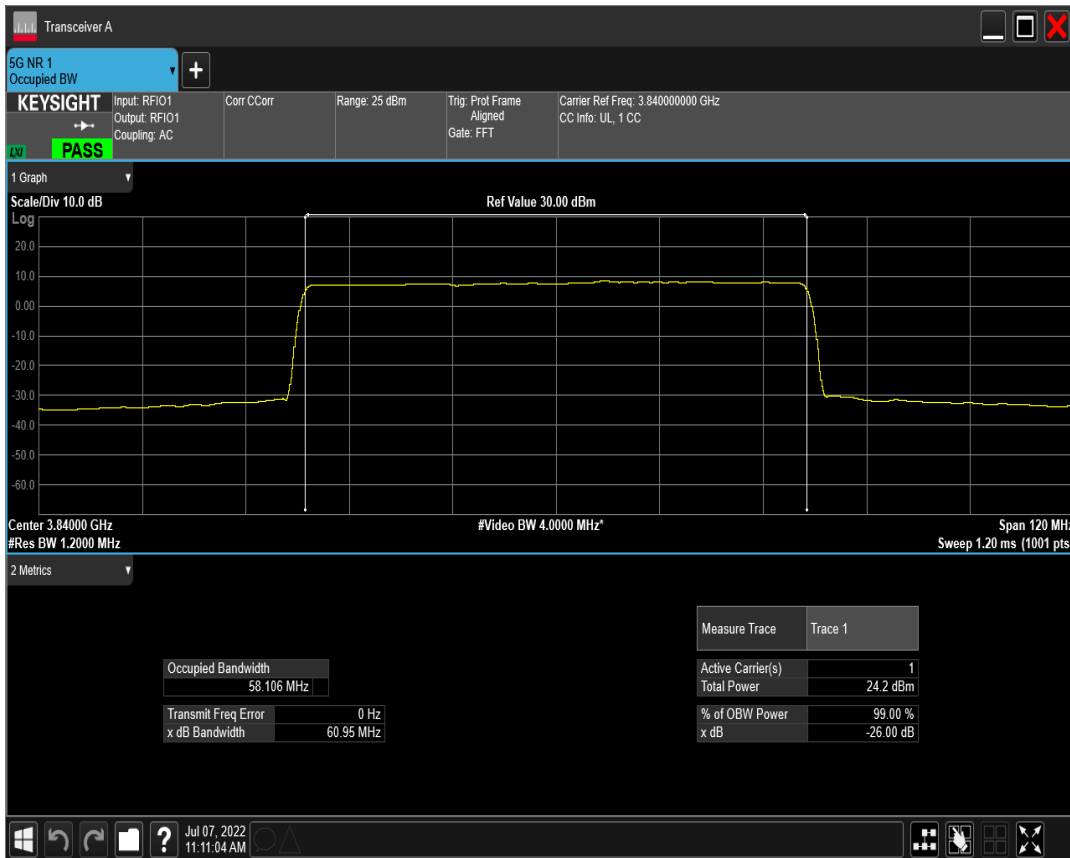
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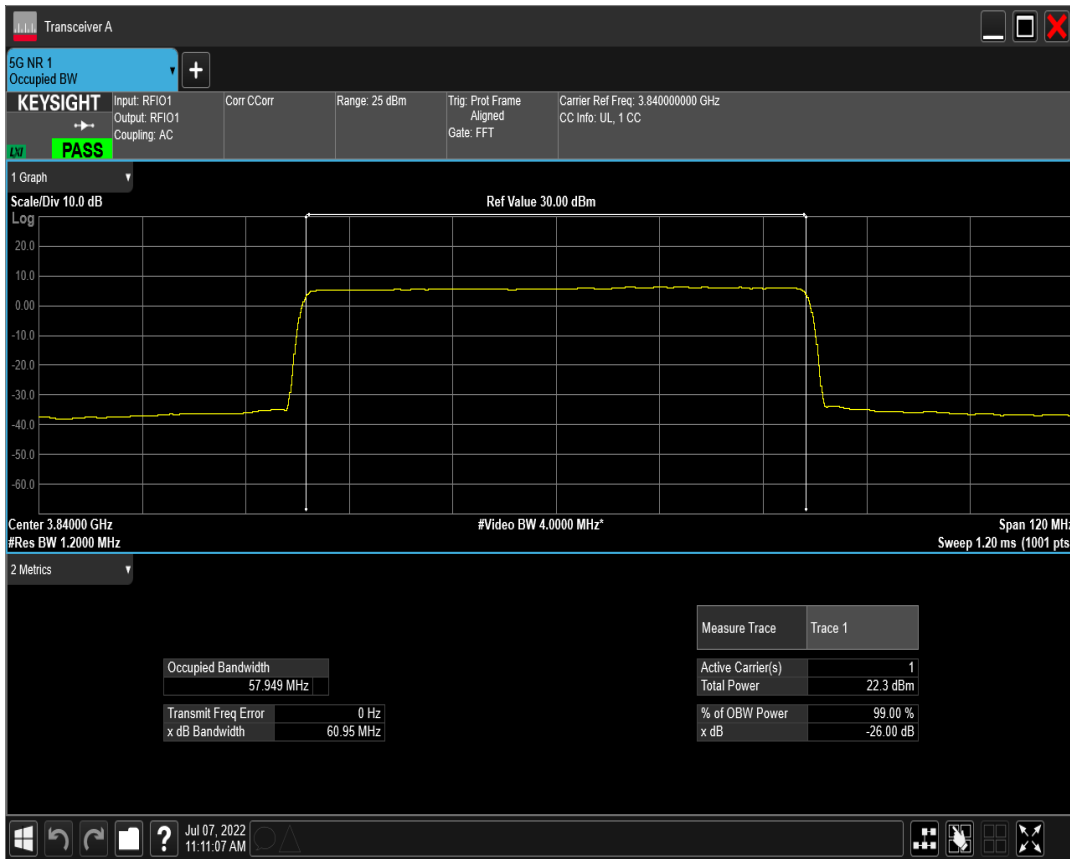
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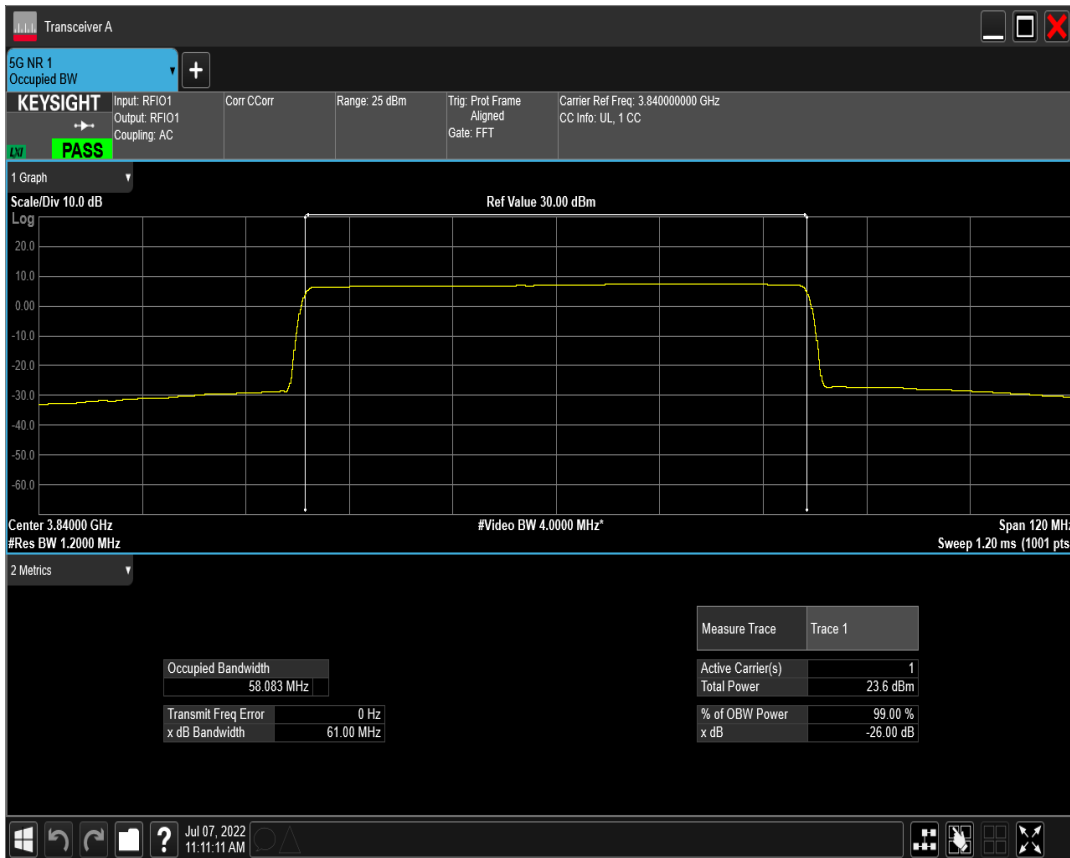
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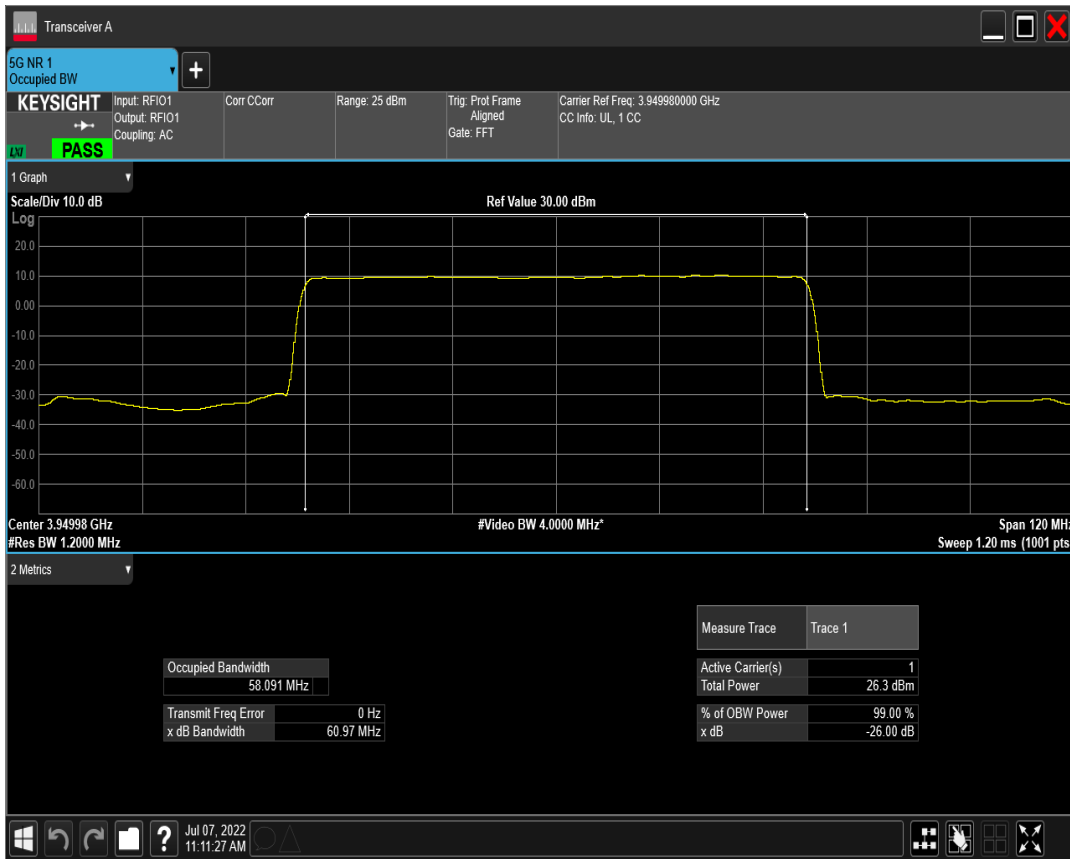
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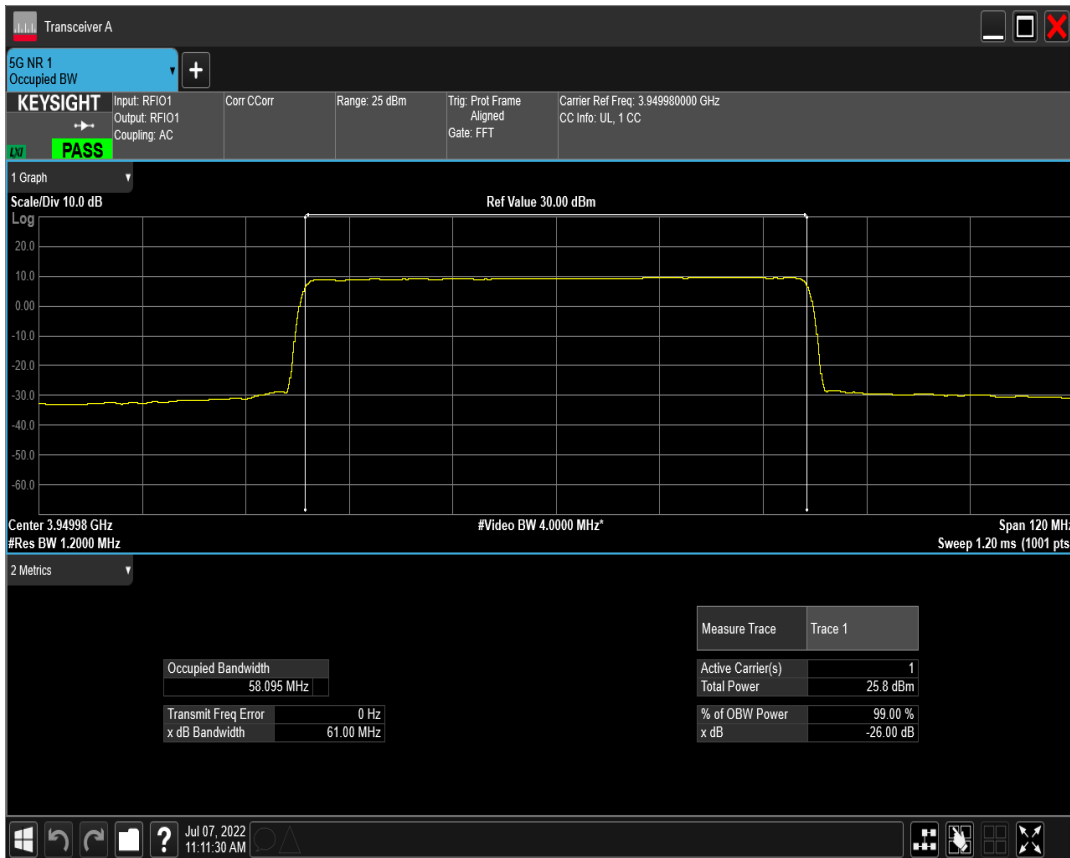
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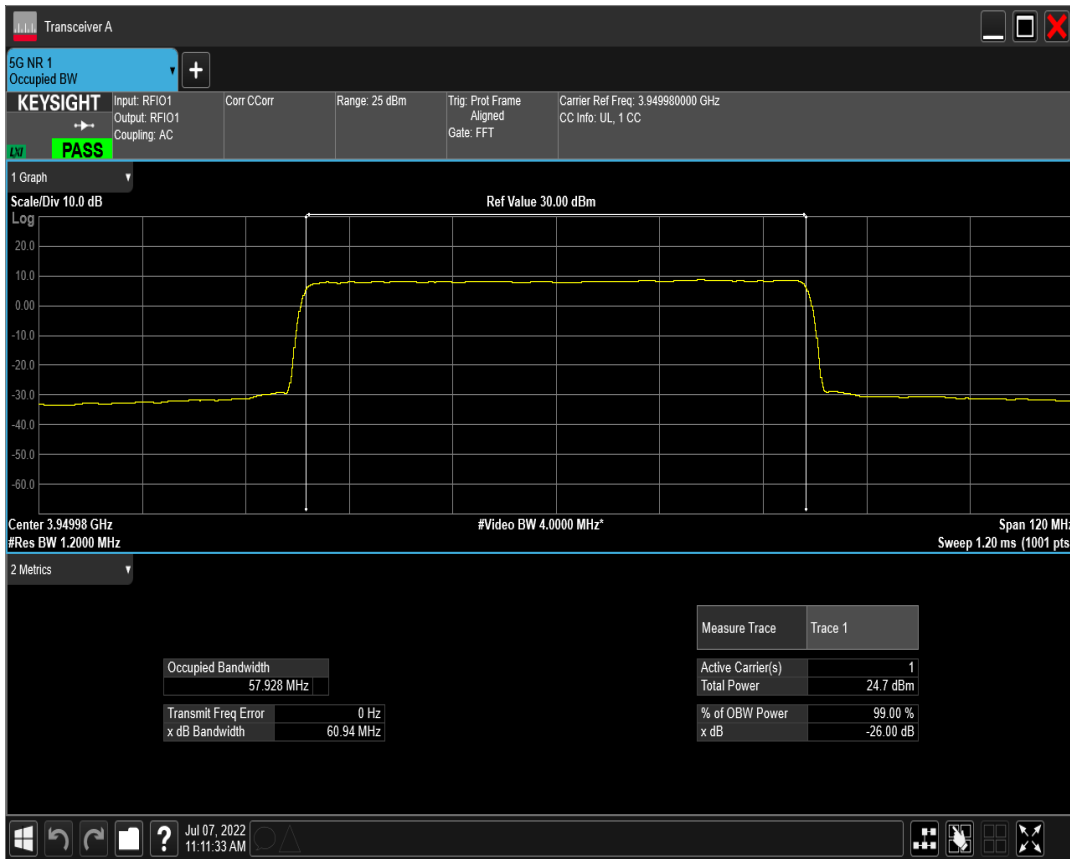
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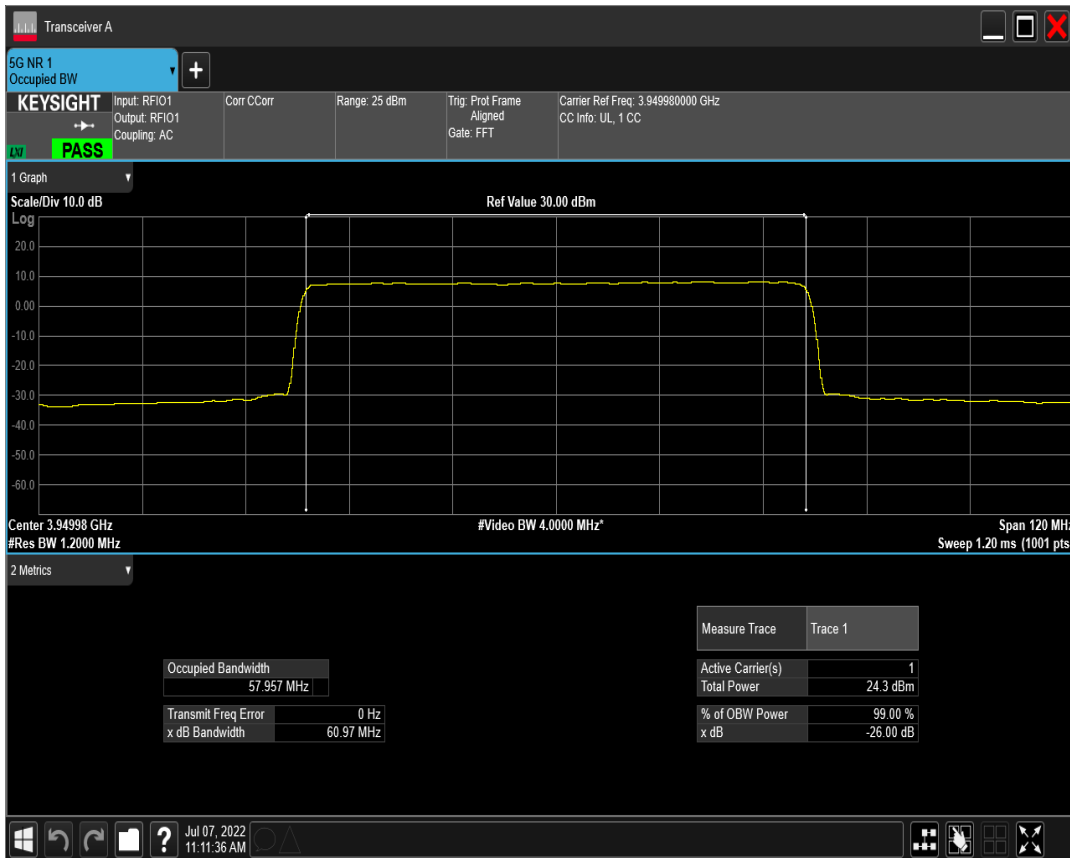
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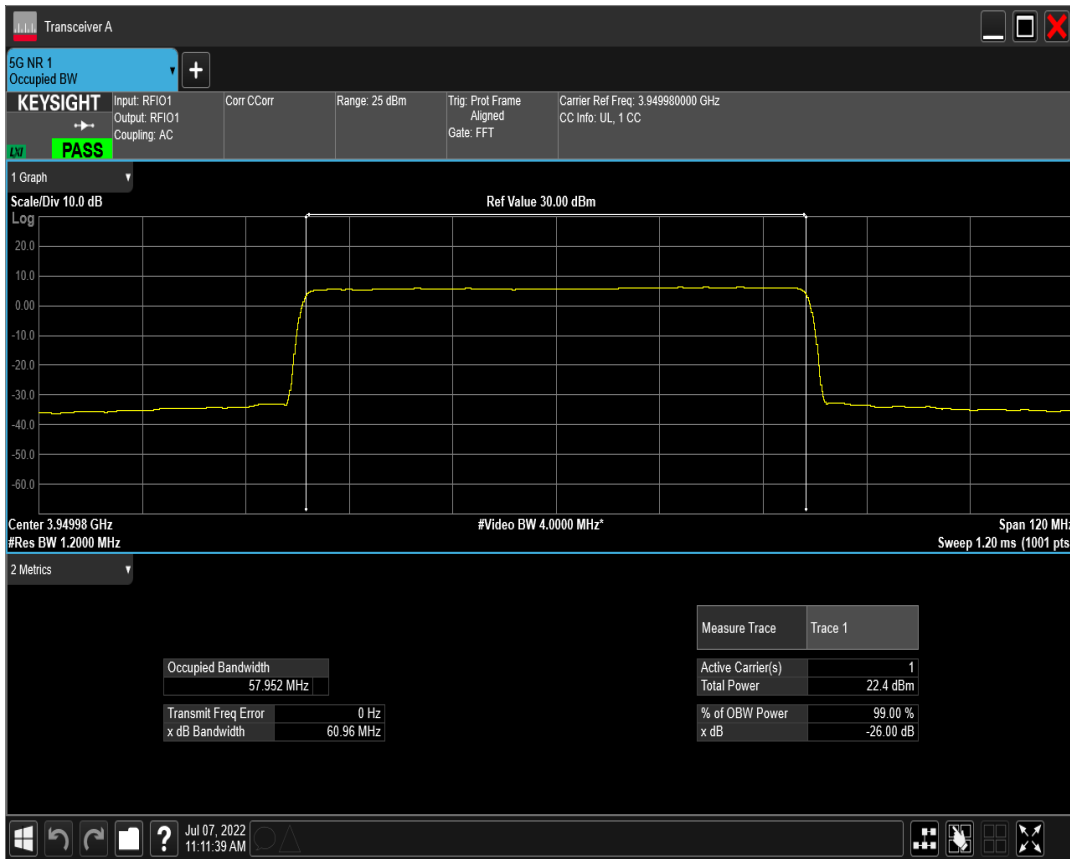
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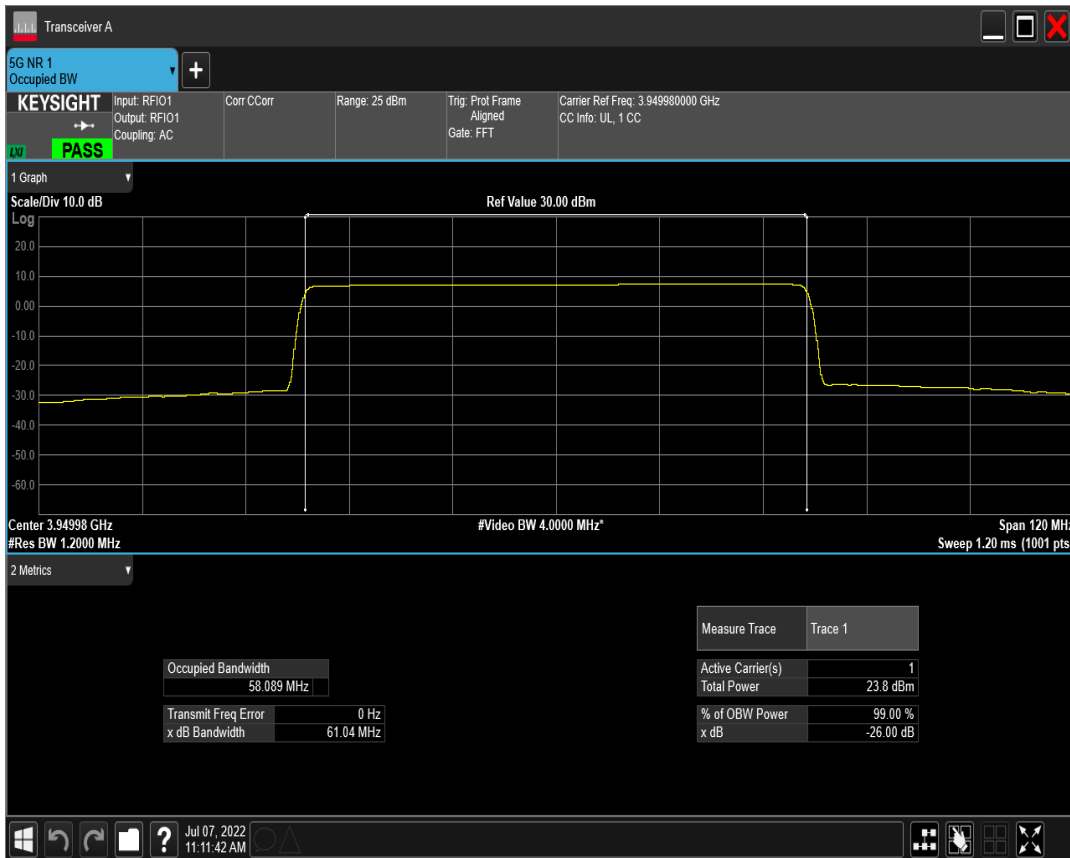
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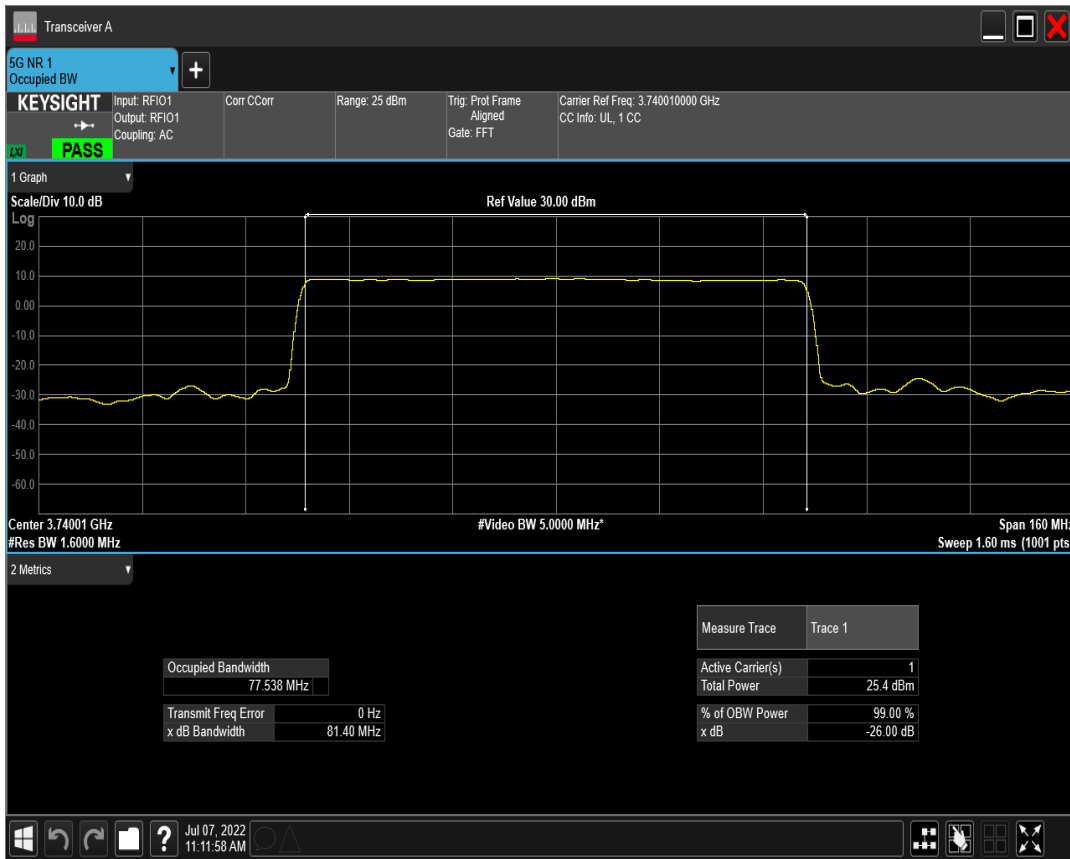
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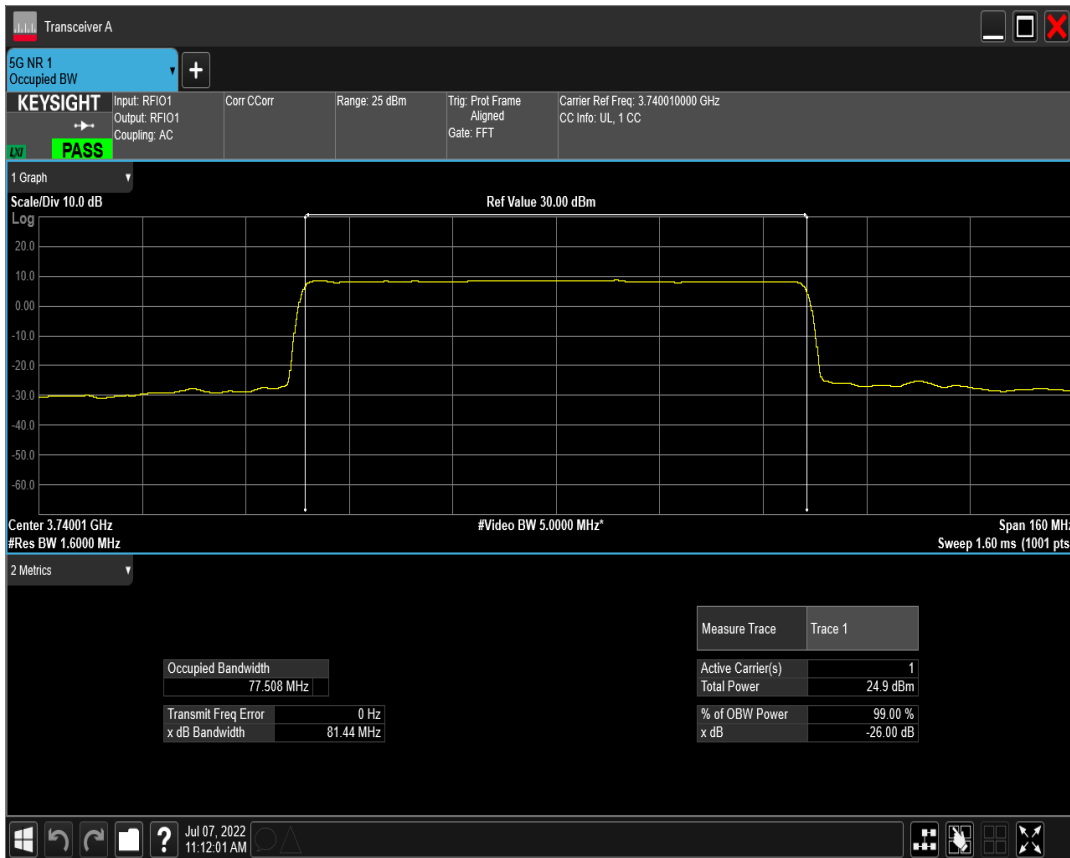
n77(3700-3980) SCS=30kHz CP\_QPSK BW=60MHz Channel=663332 RB=162@0



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



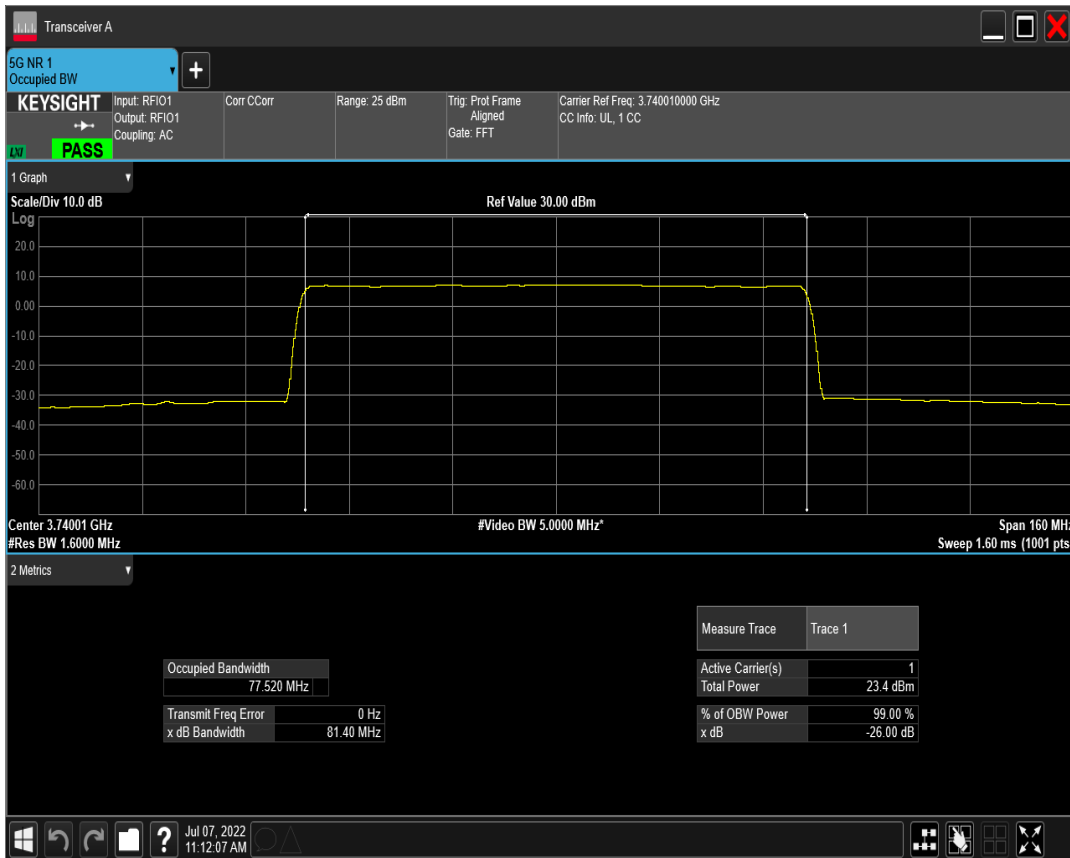
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n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=649334 RB=216@0

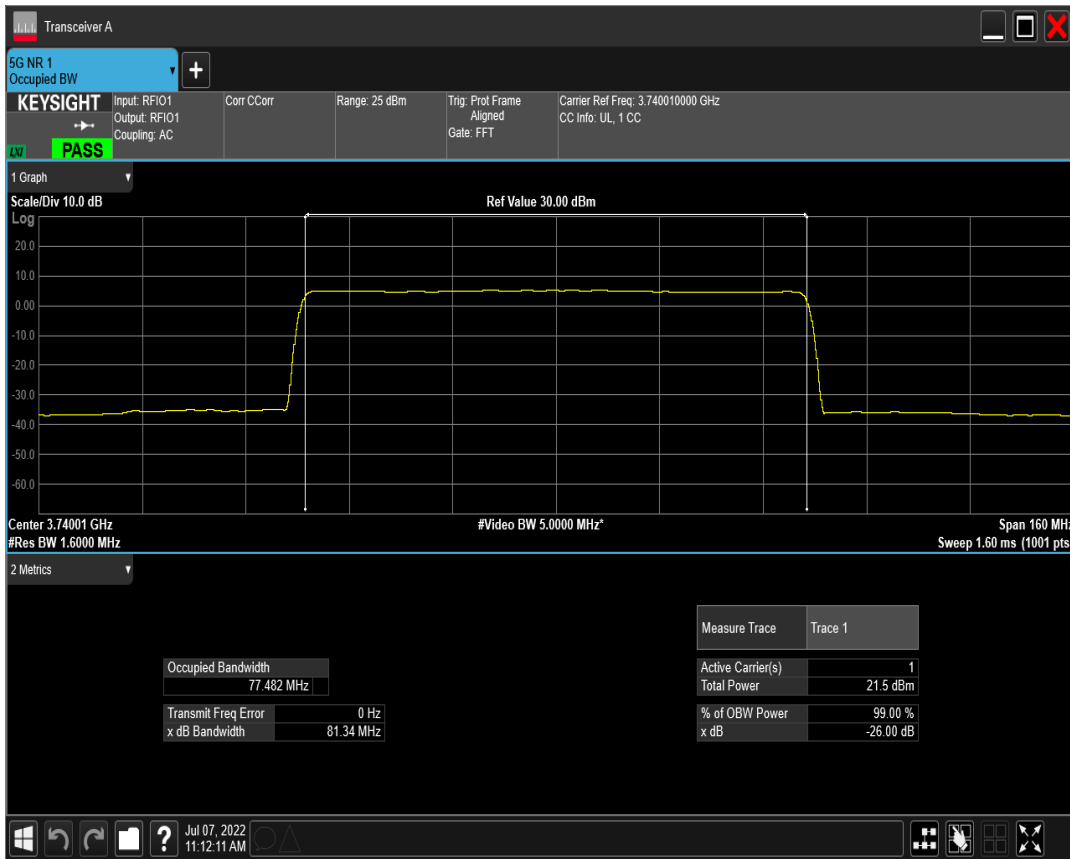


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=649334 RB=216@0

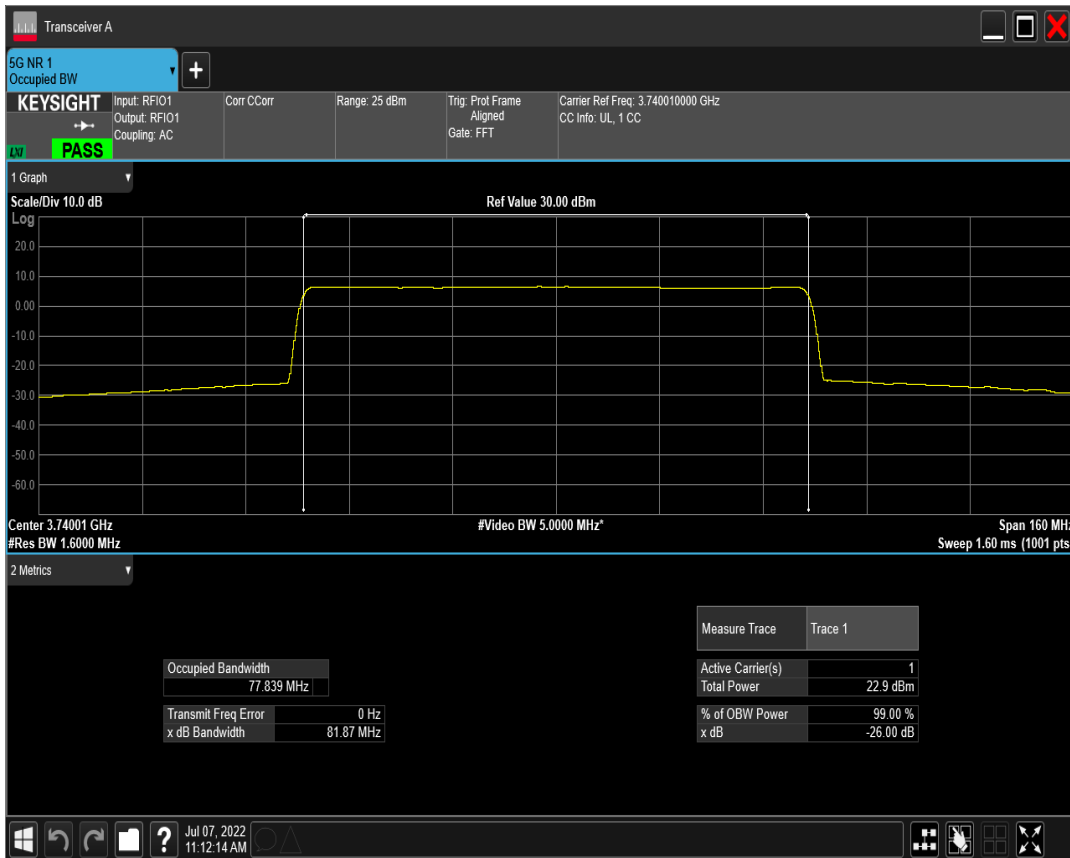




n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=649334 RB=216@0



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



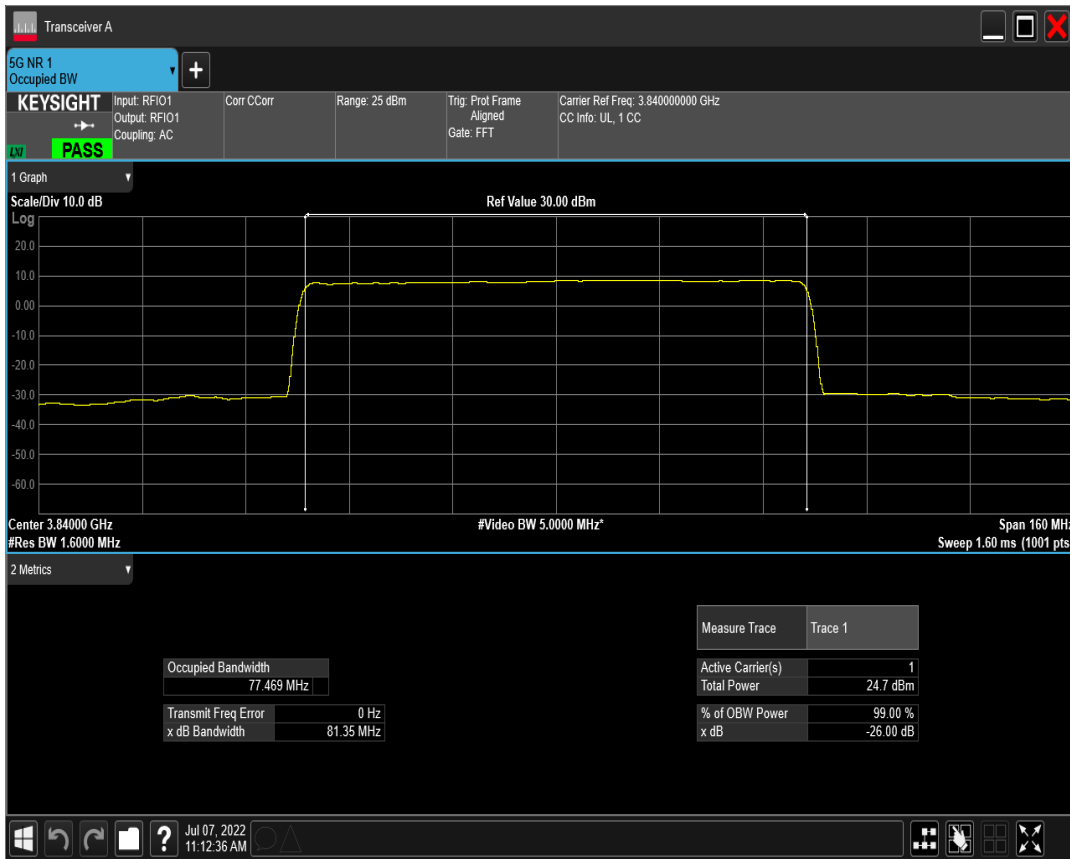
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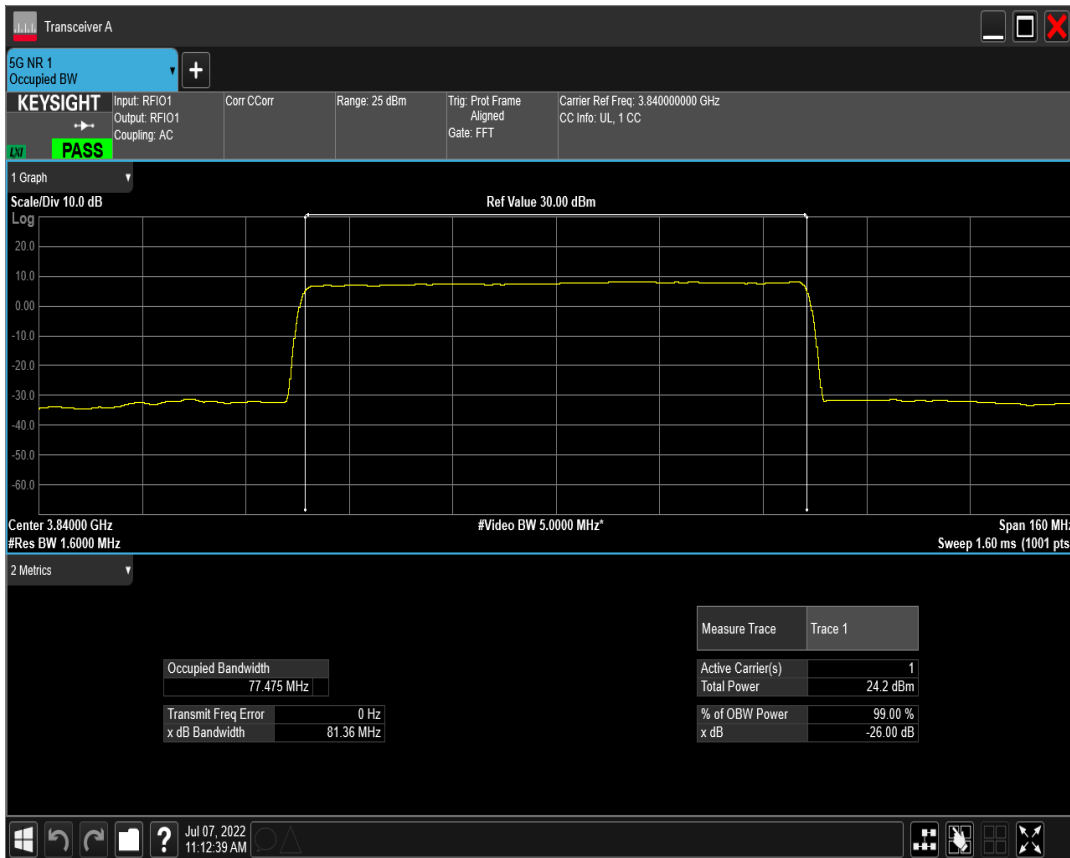
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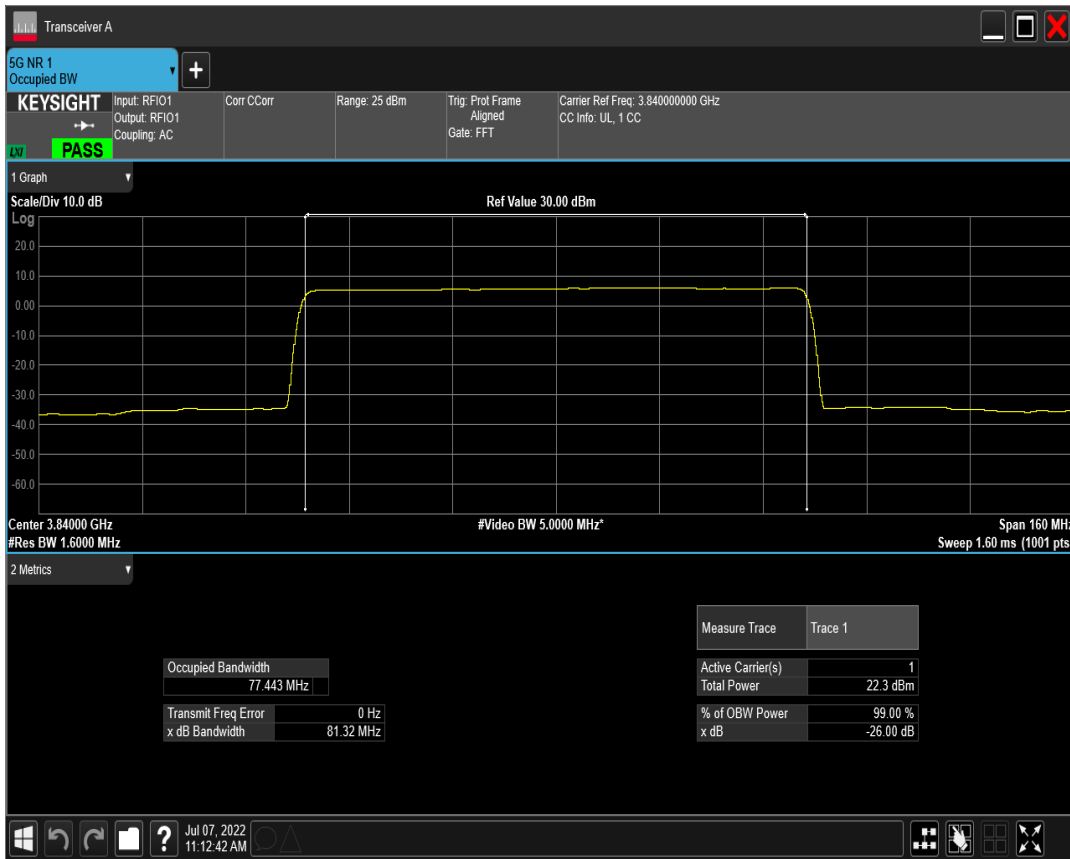
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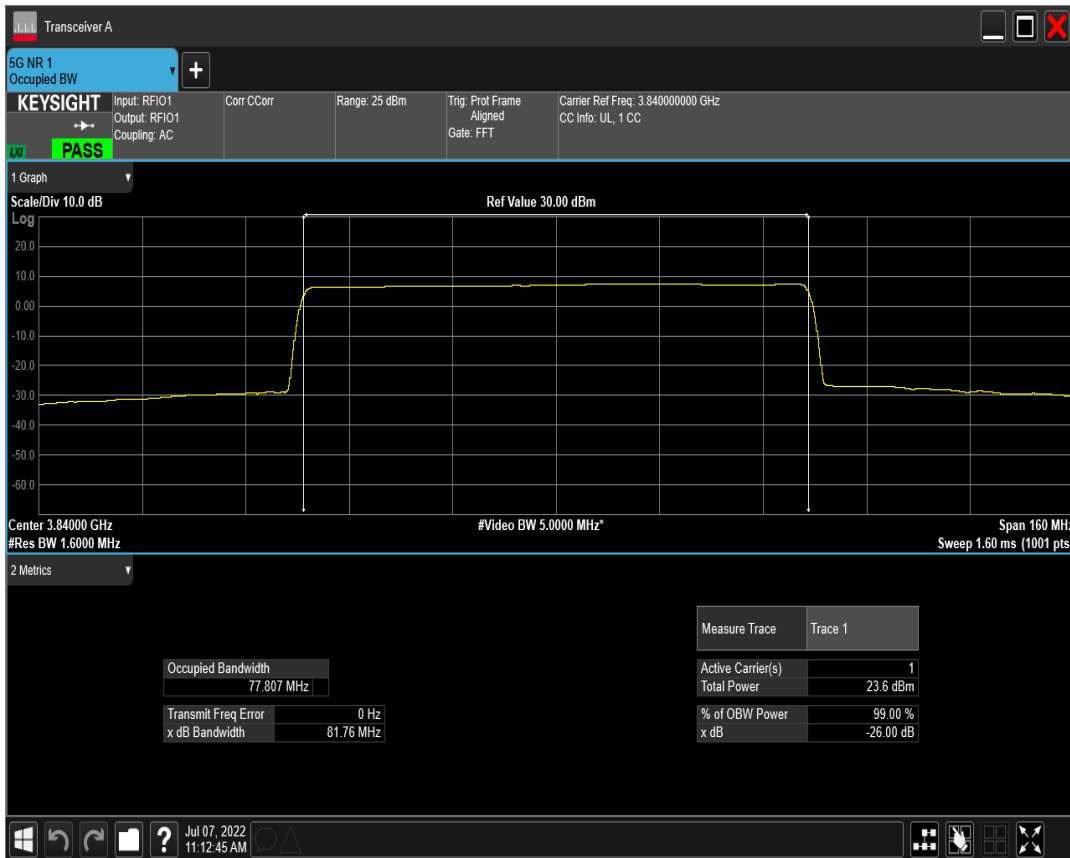
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0



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



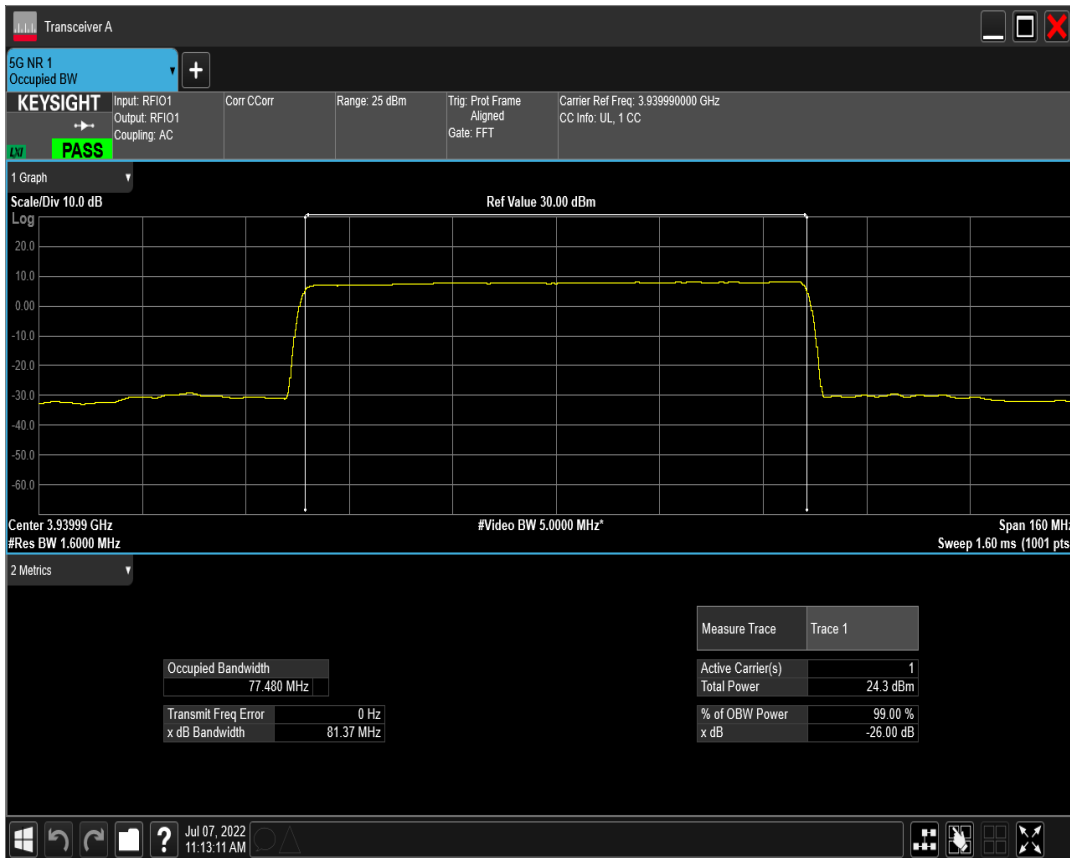
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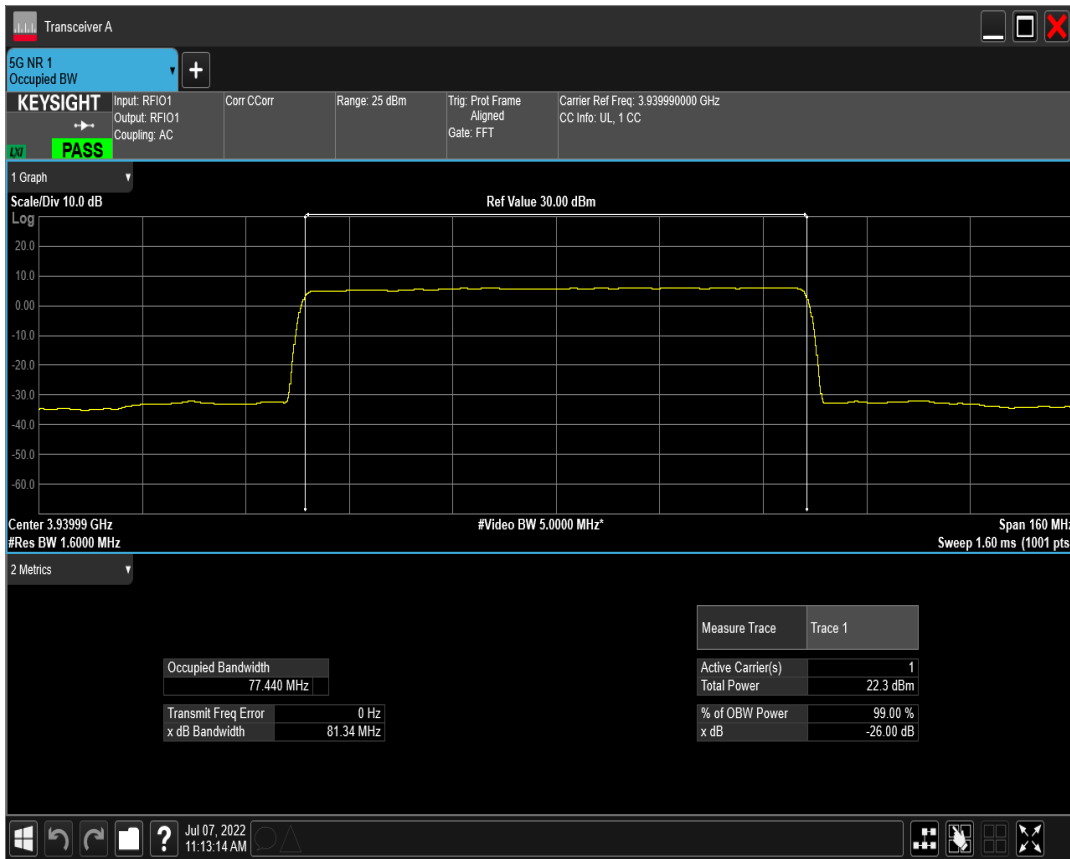
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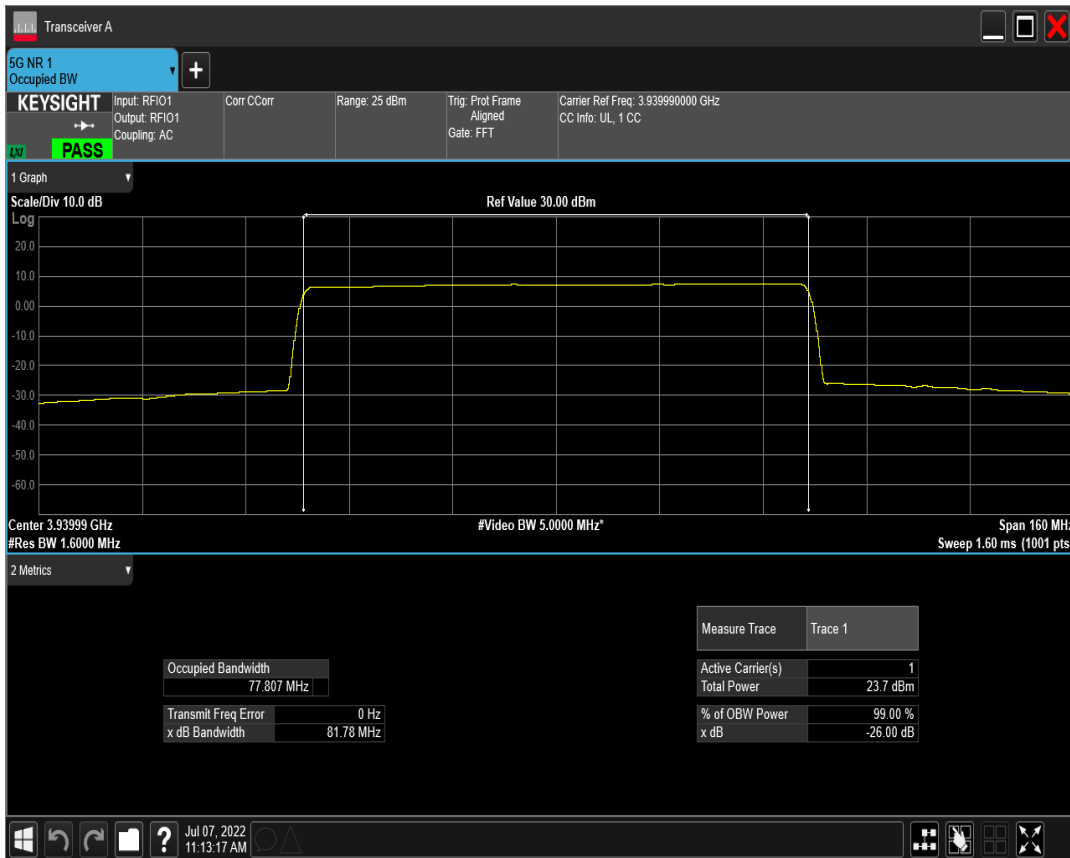
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=662666 RB=216@0



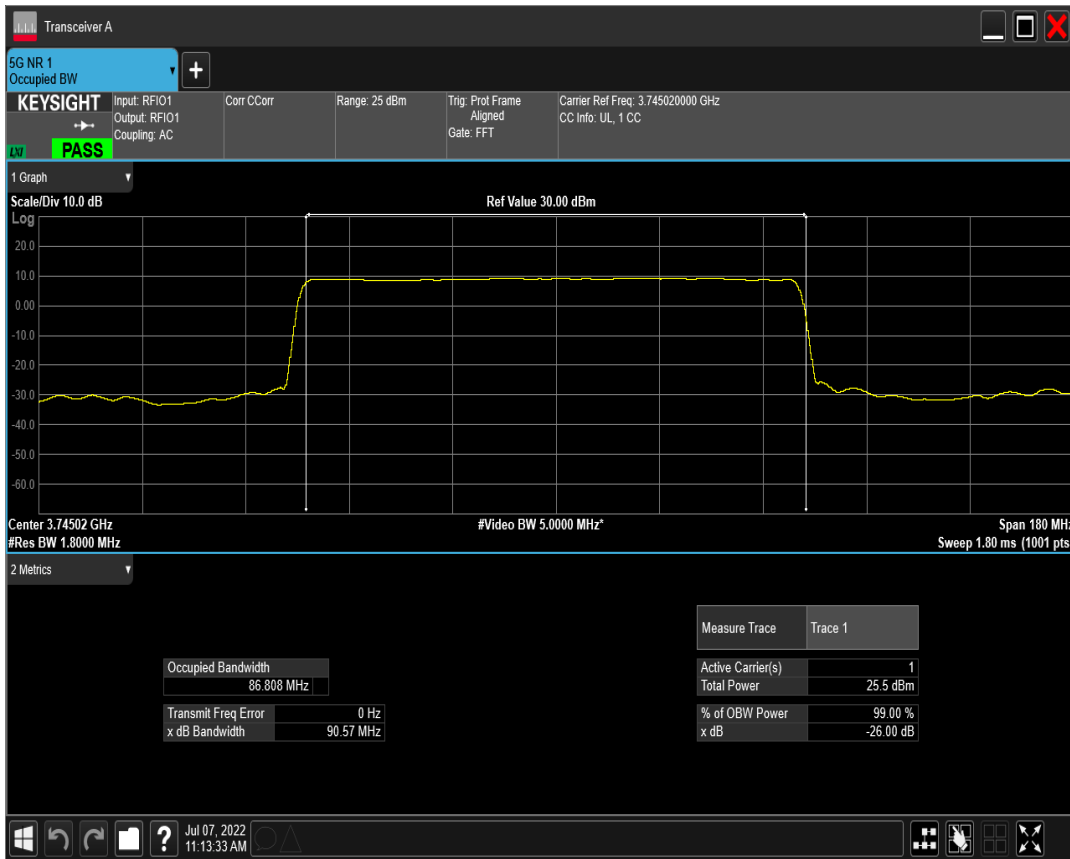
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=662666 RB=216@0



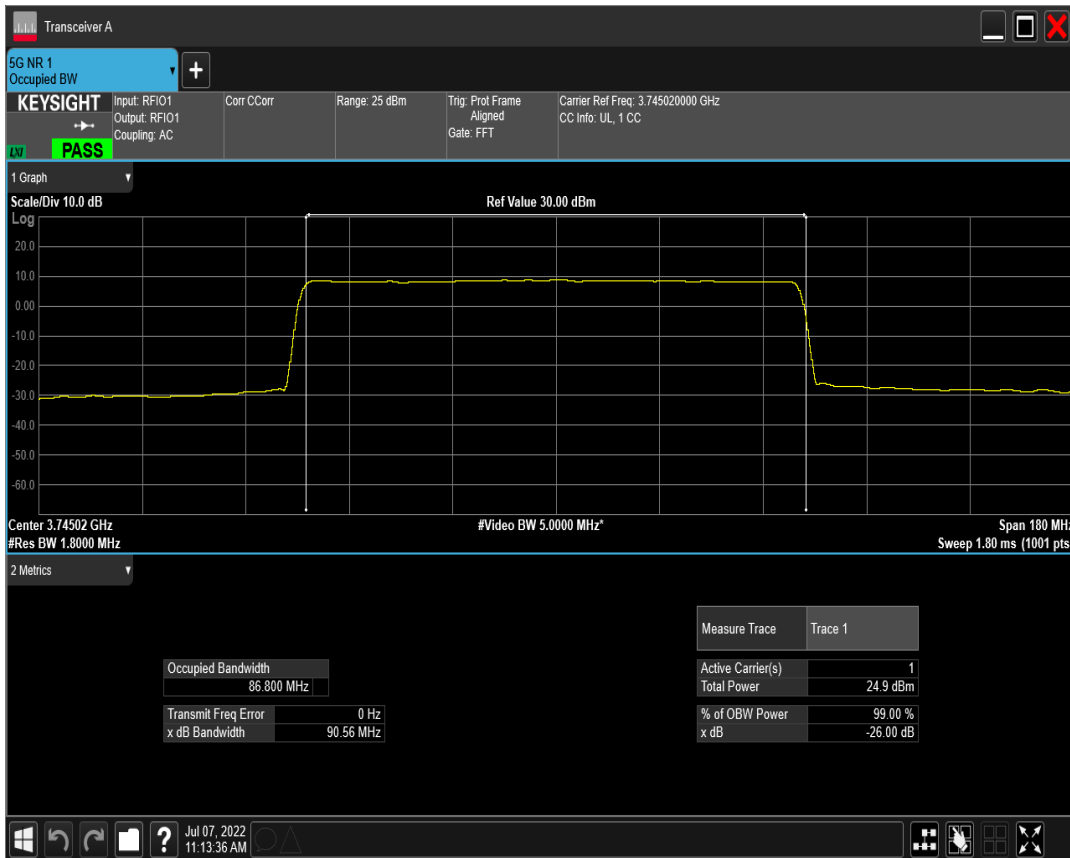
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=662666 RB=217@0



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

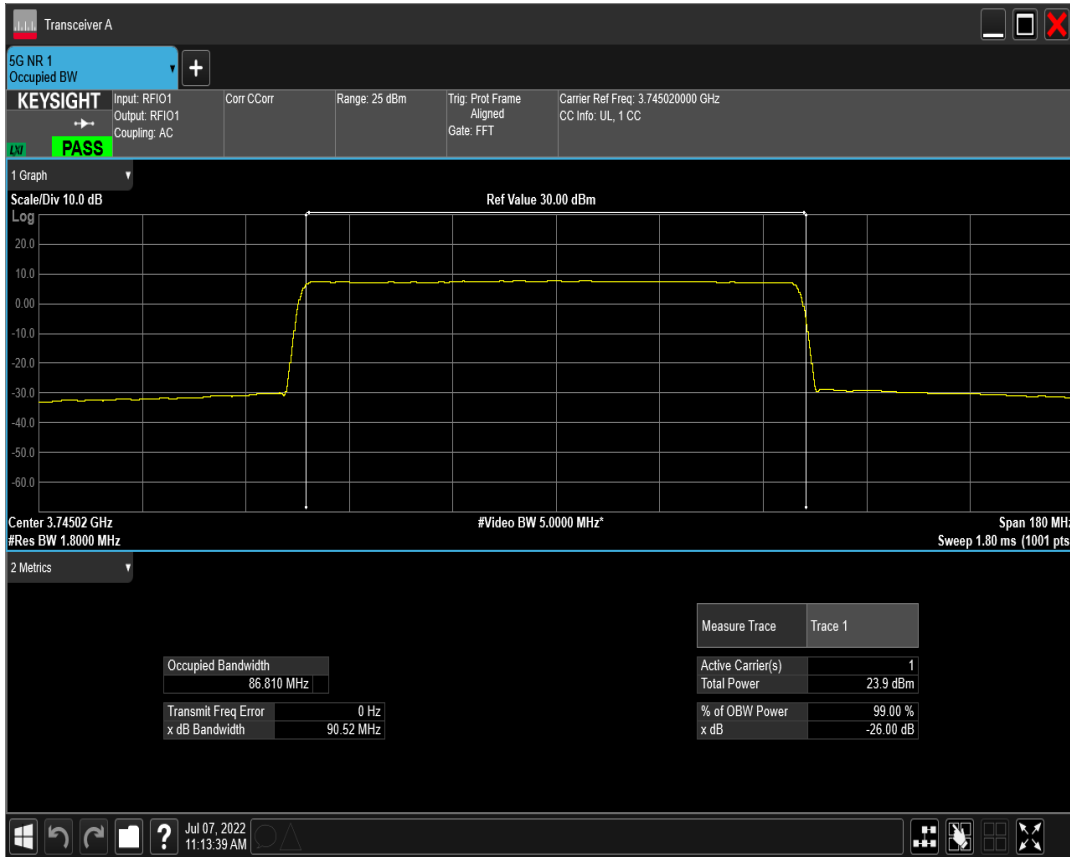


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=649668 RB=240@0

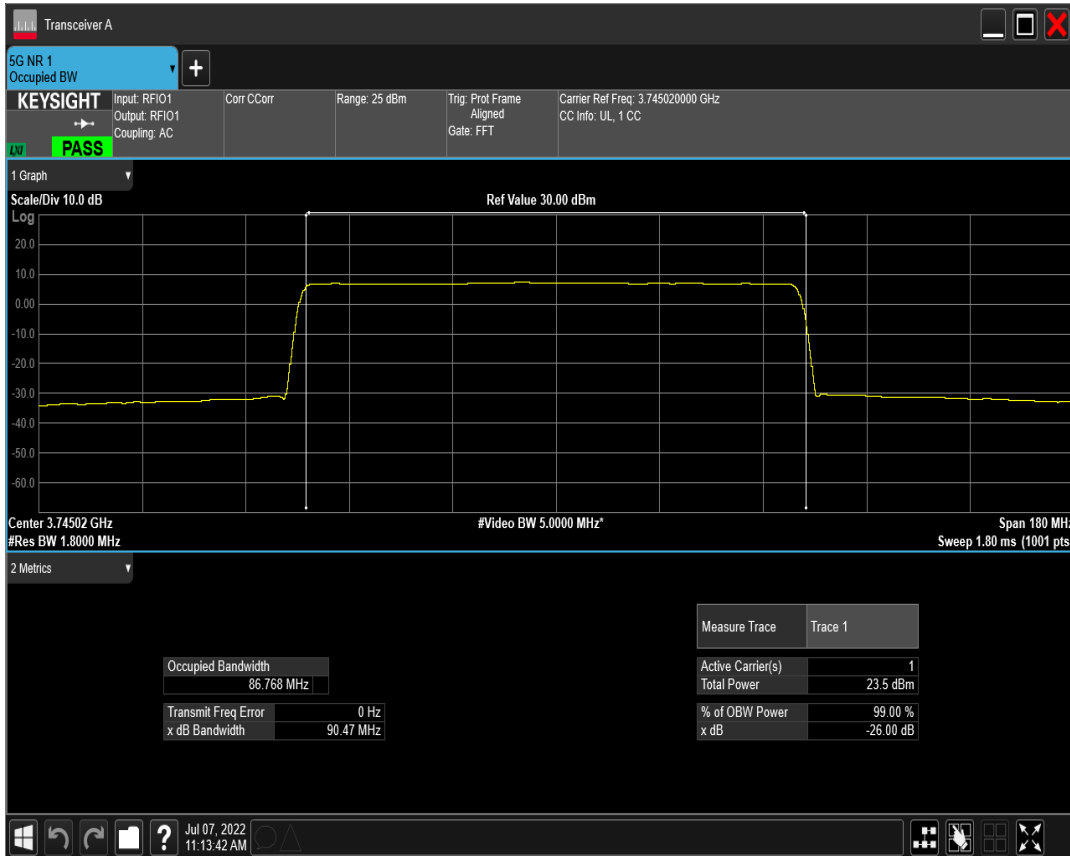




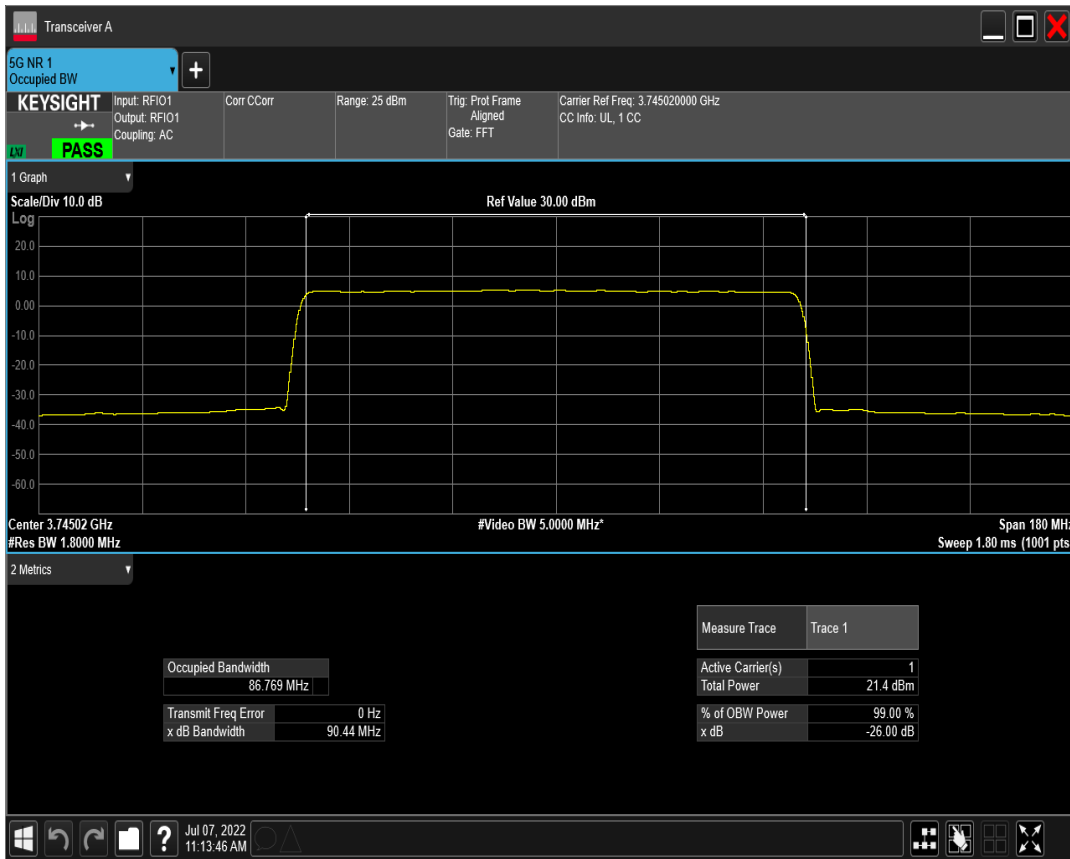
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=649668 RB=240@0



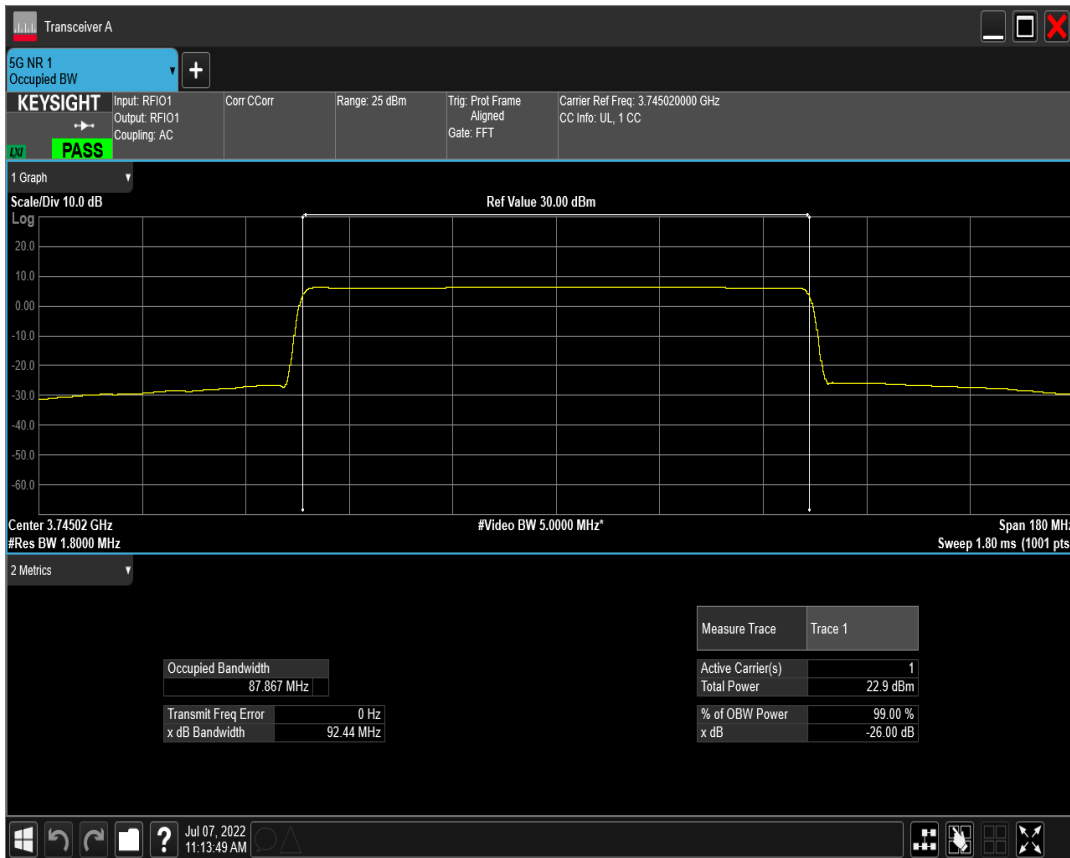
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=649668 RB=240@0



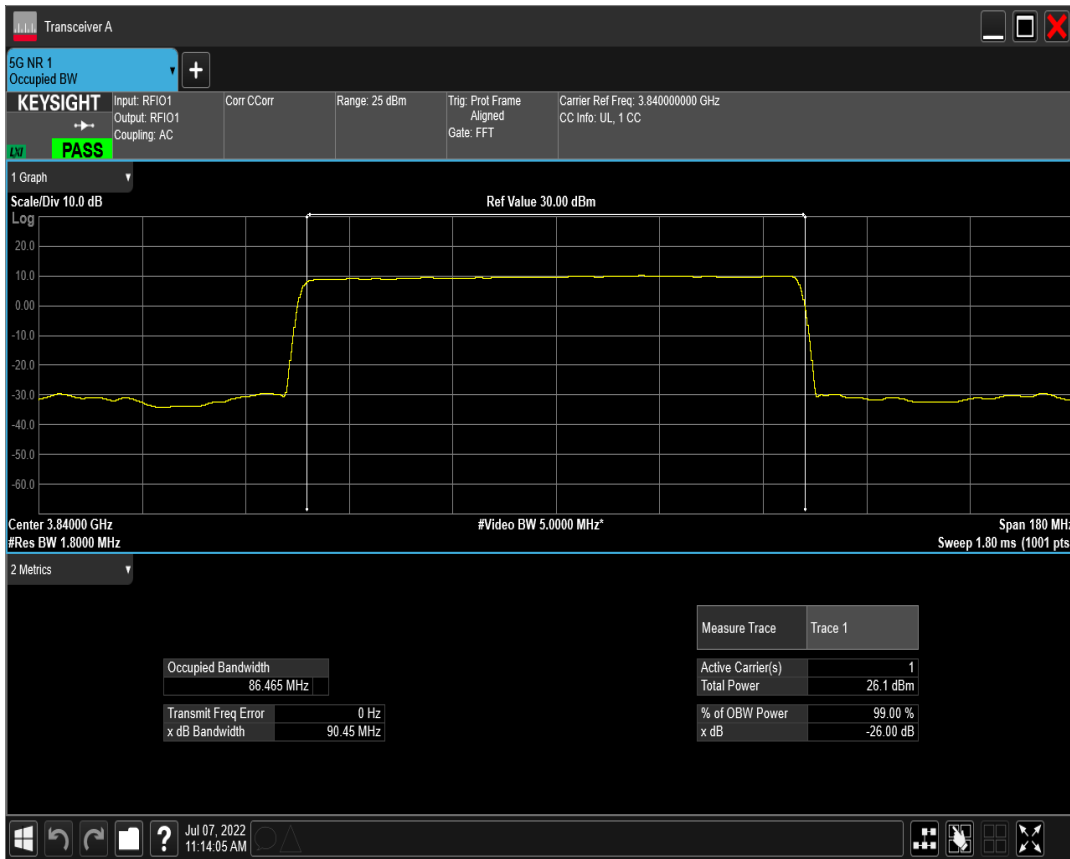
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=649668 RB=240@0



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



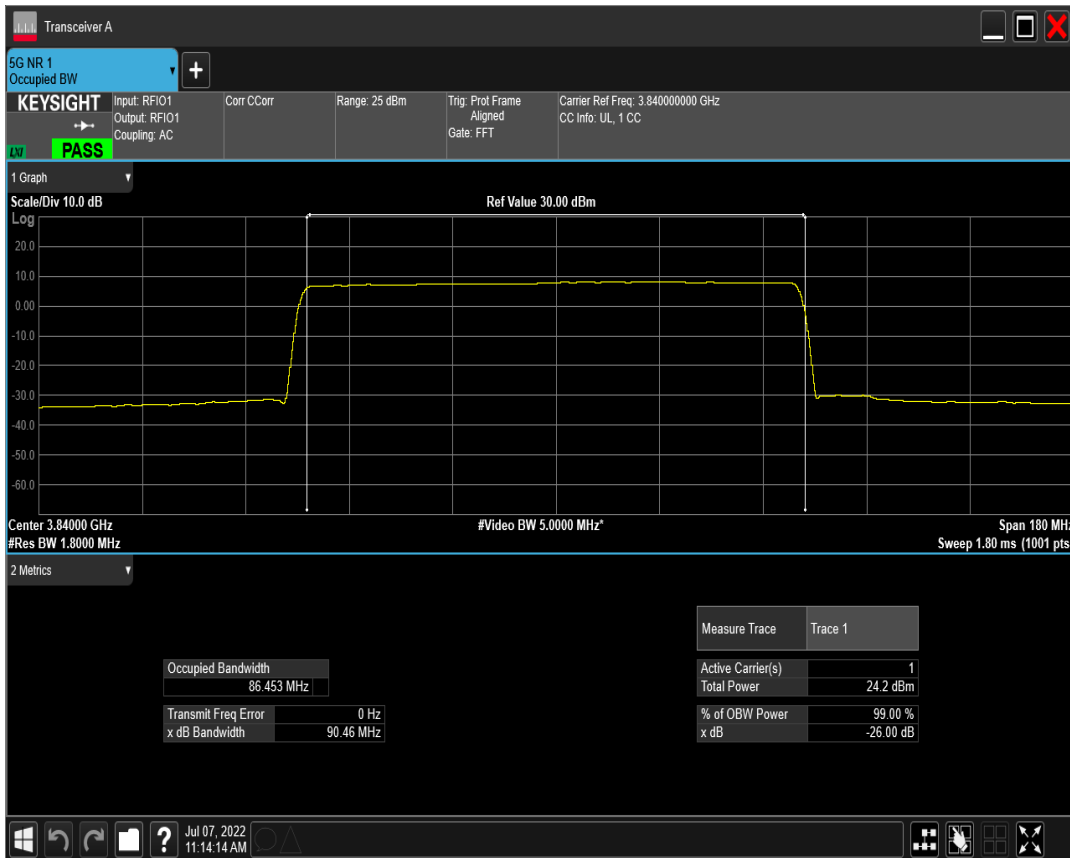
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0



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



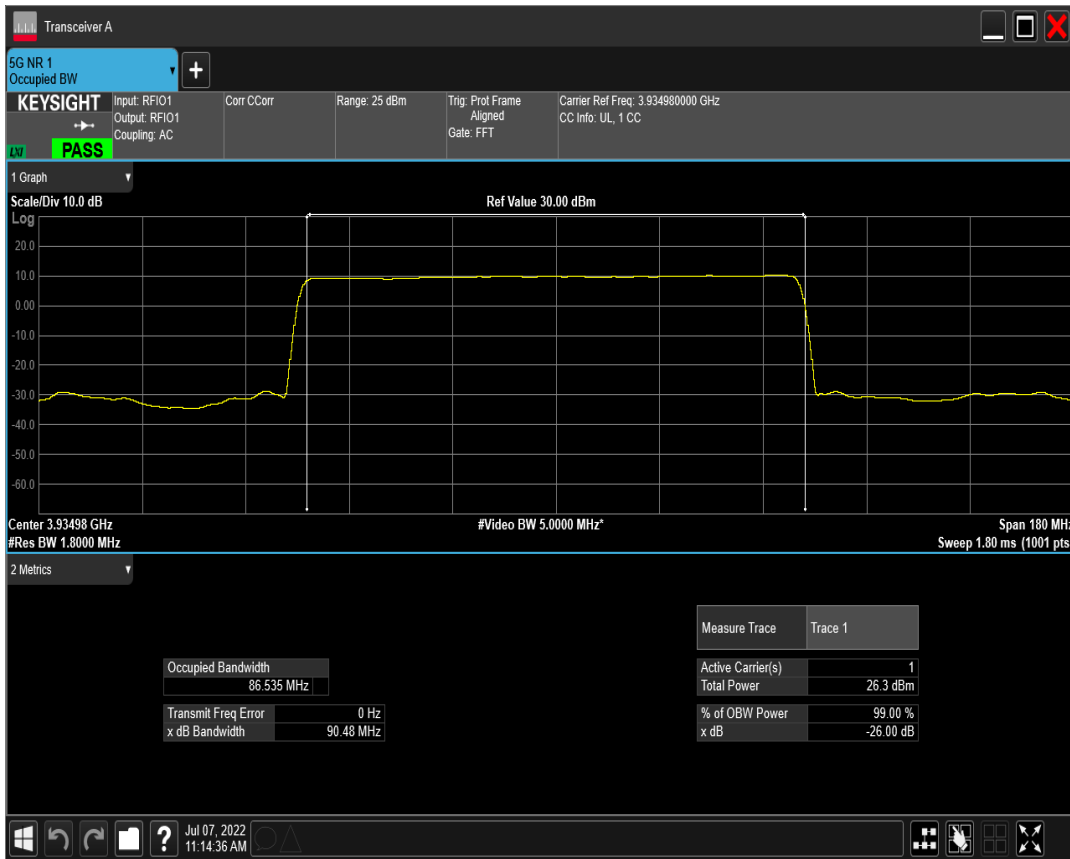
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=656000 RB=240@0



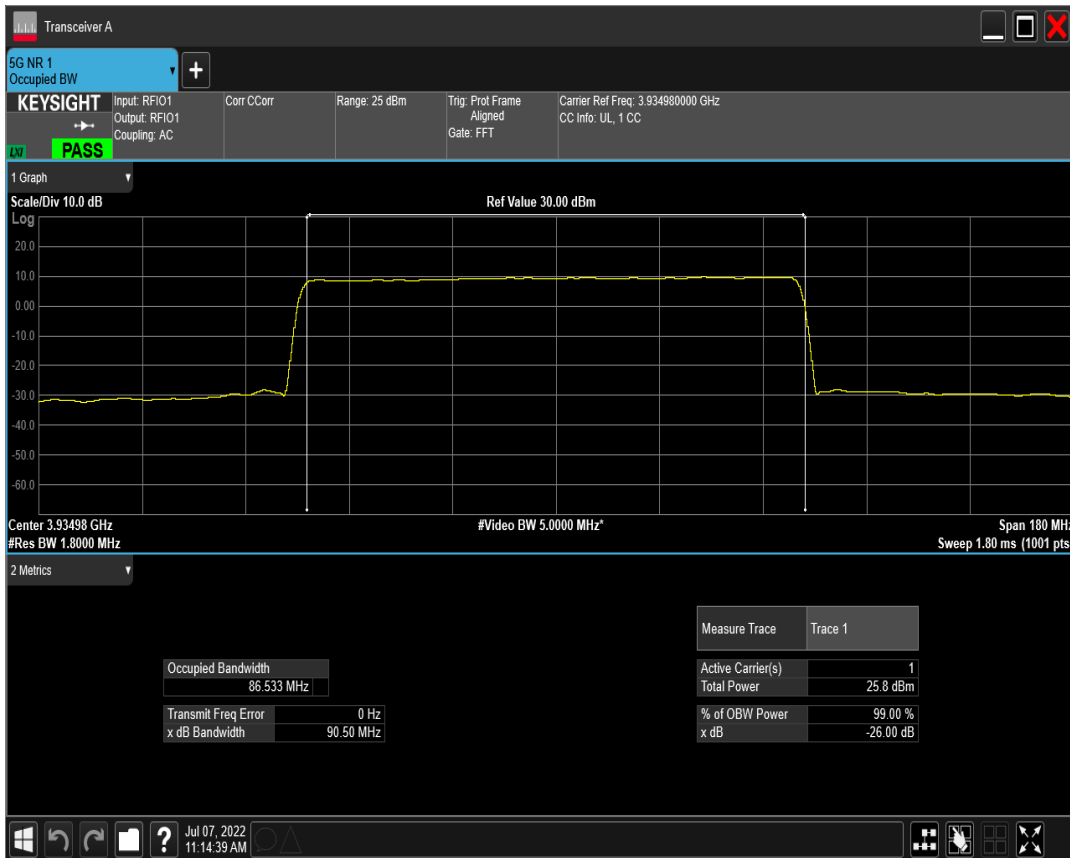
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=656000 RB=245@0



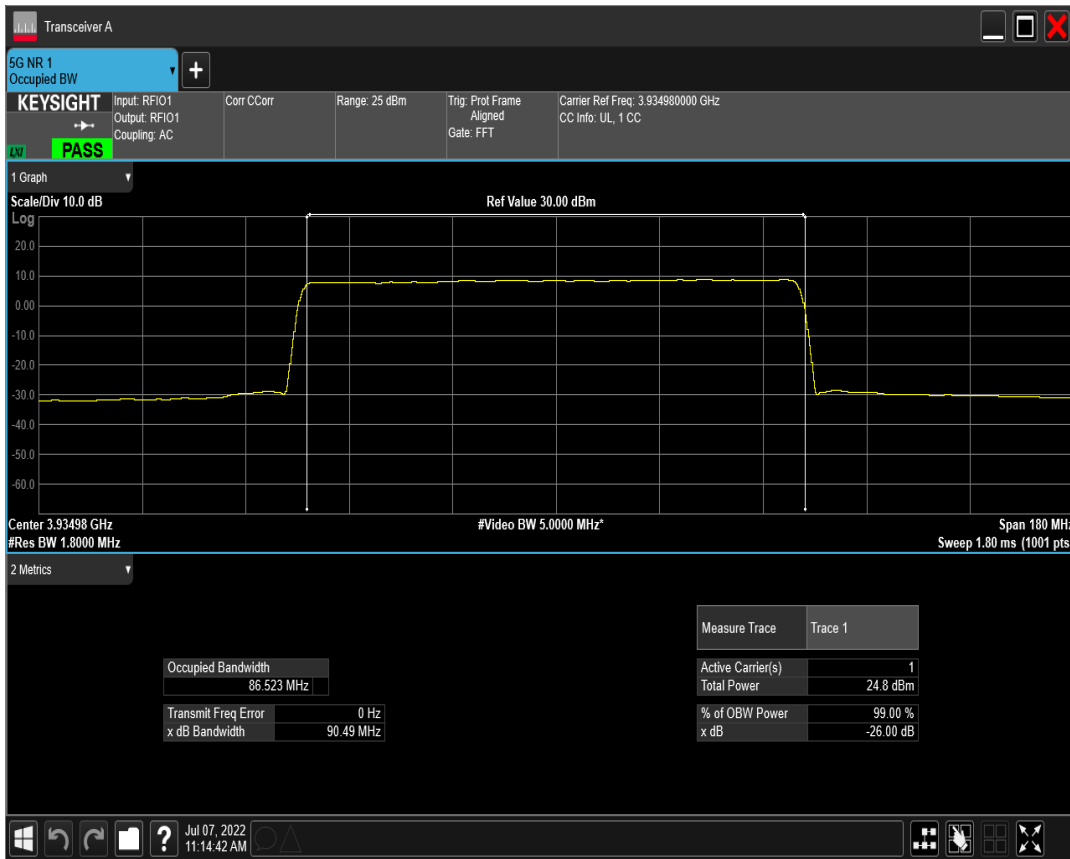
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=662332 RB=240@0



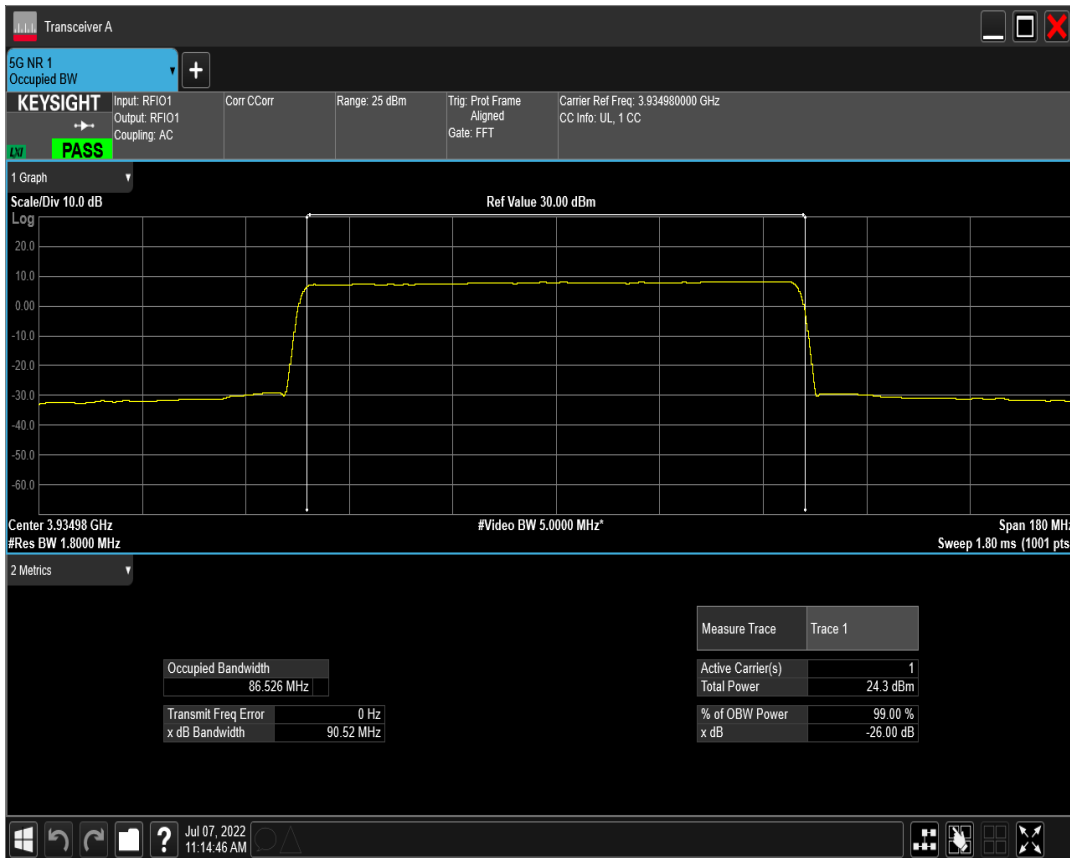
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=662332 RB=240@0



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



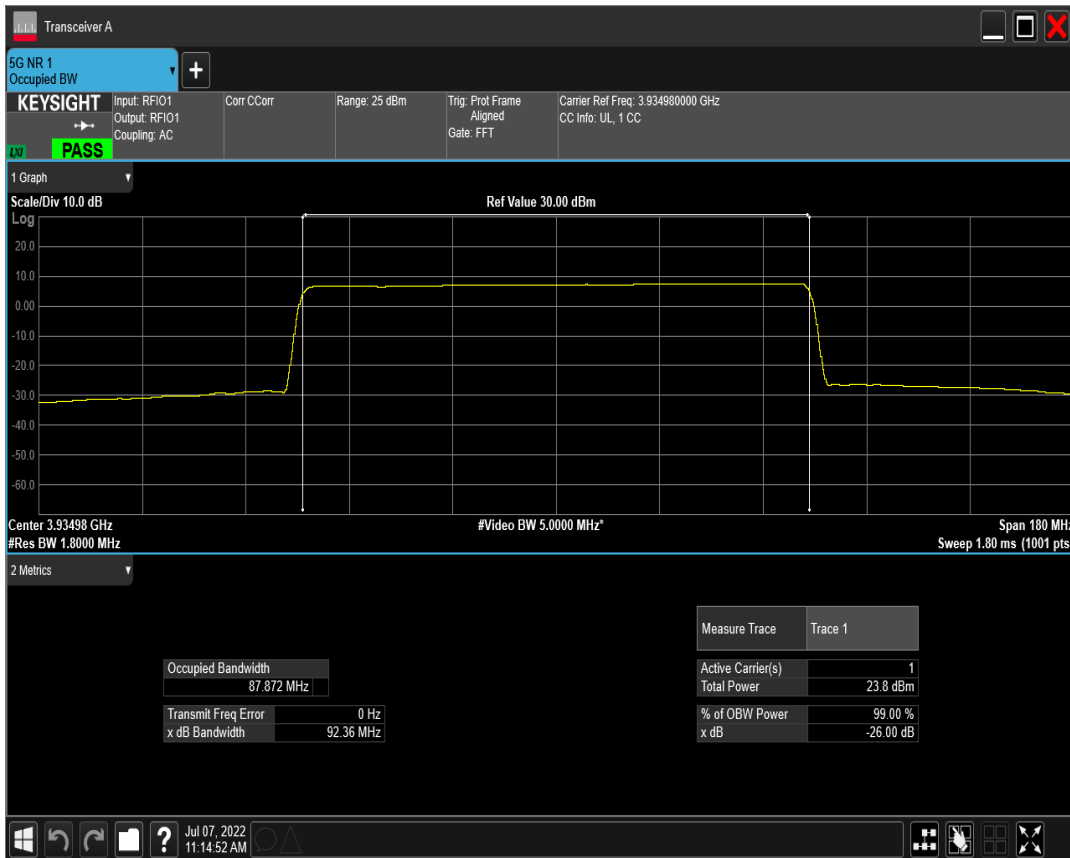
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=662332 RB=240@0



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

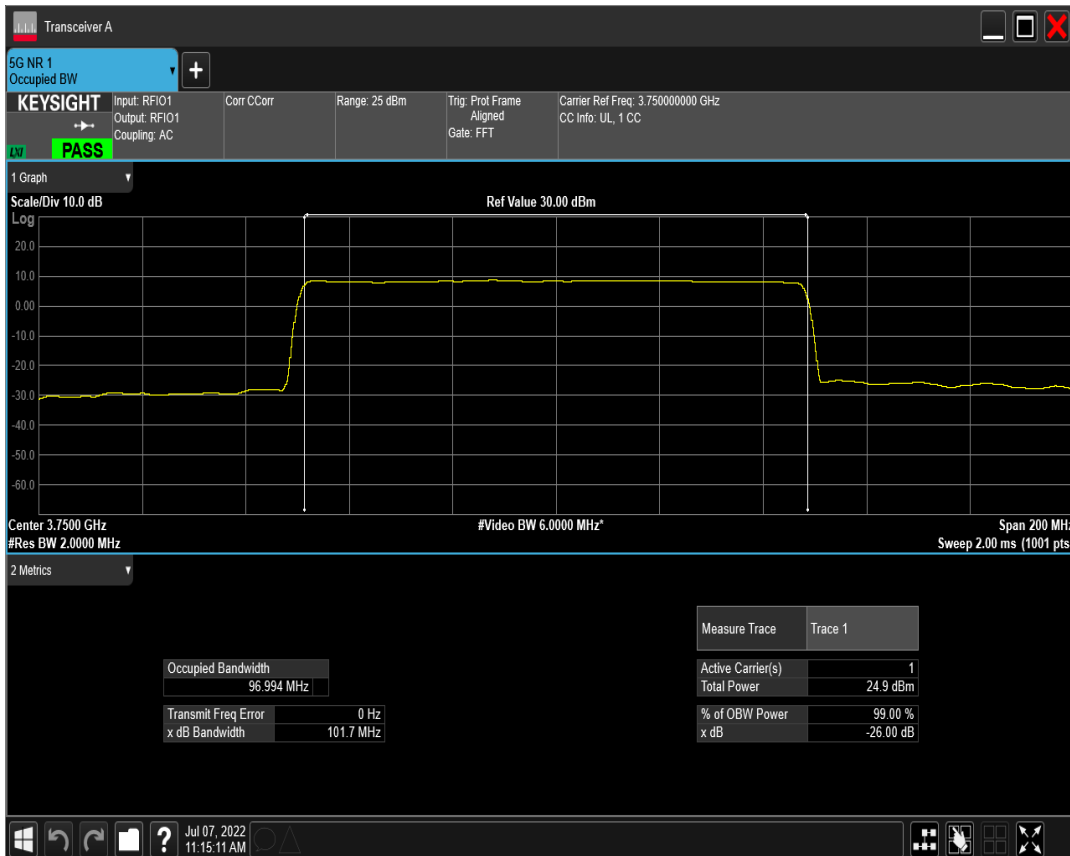




n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0



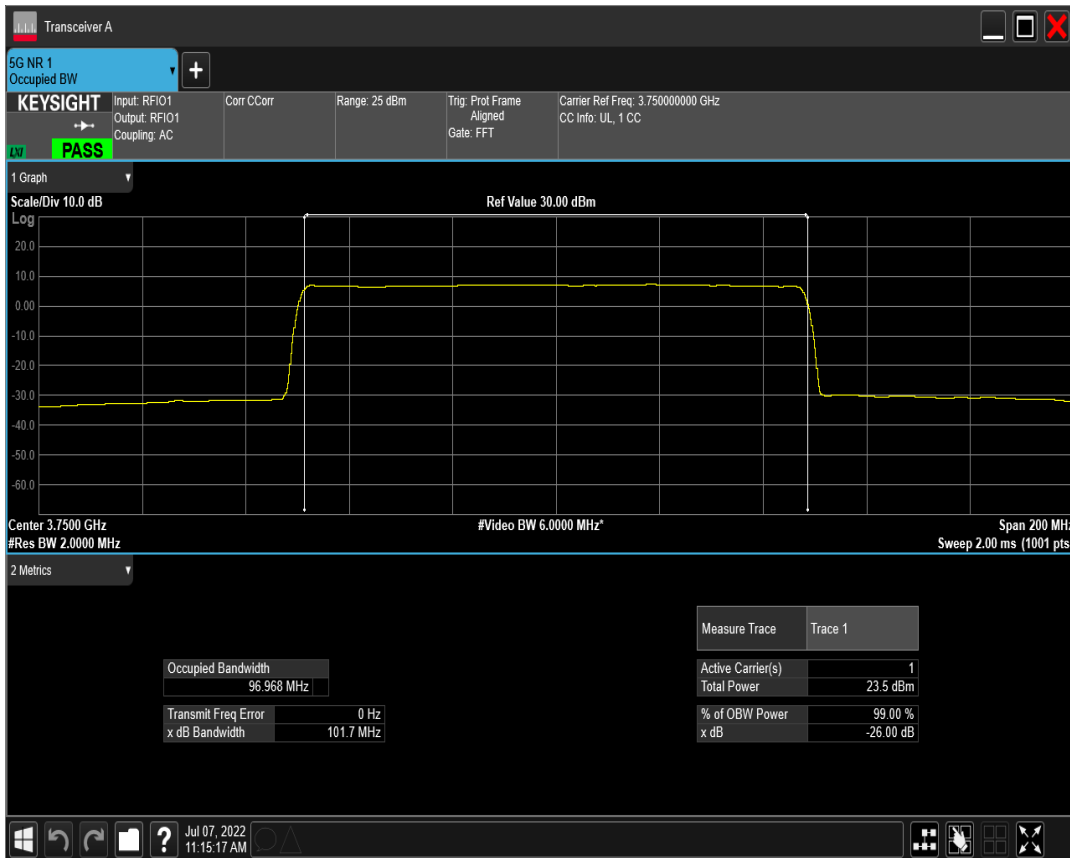
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



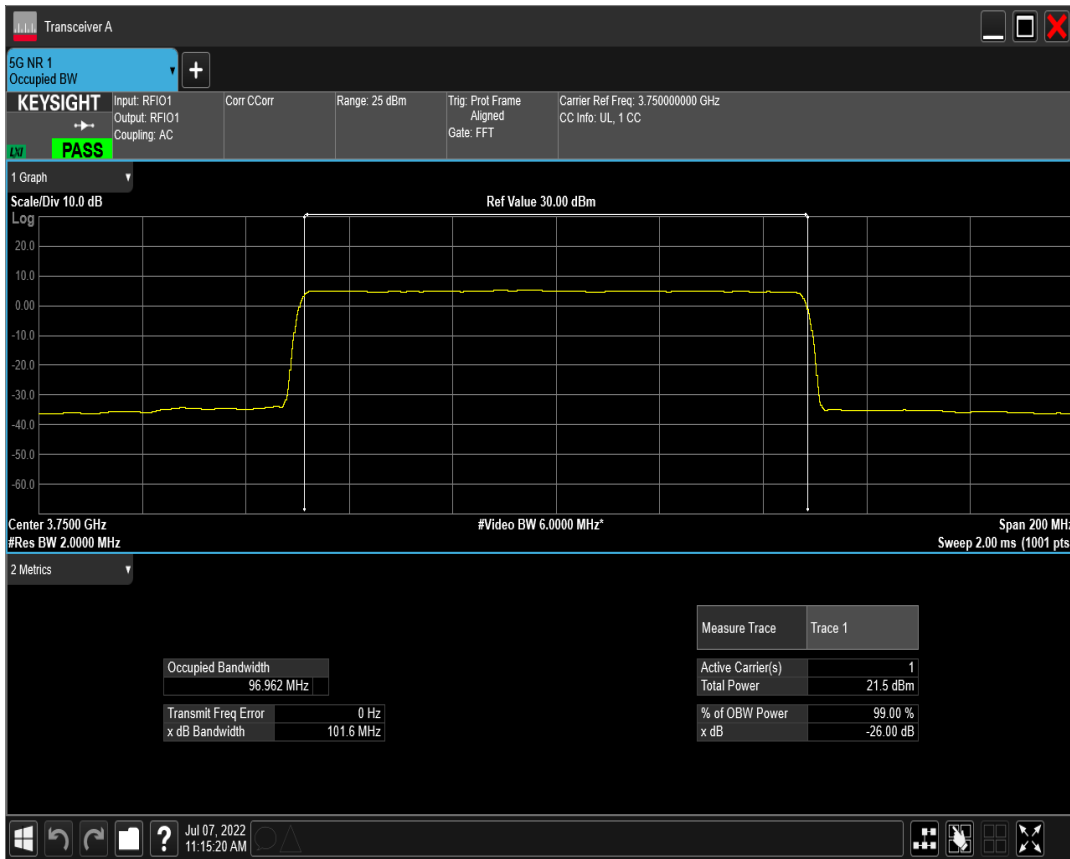
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



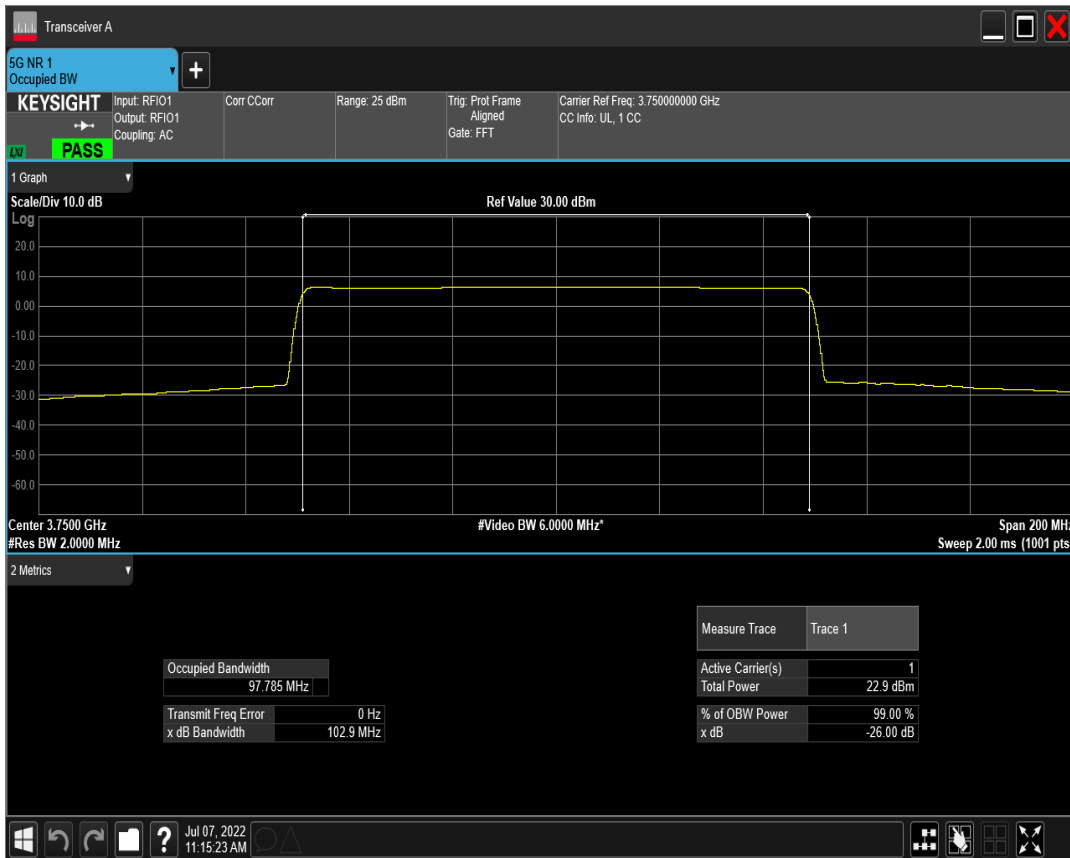
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0



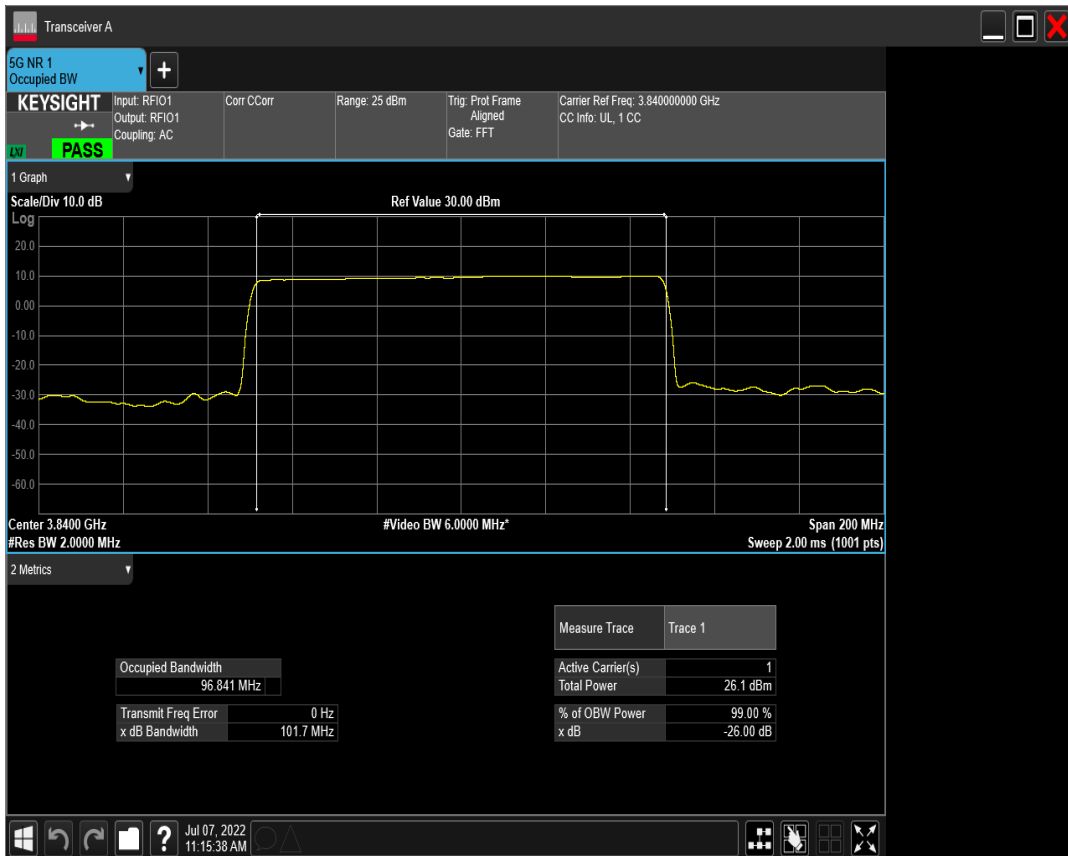
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0



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



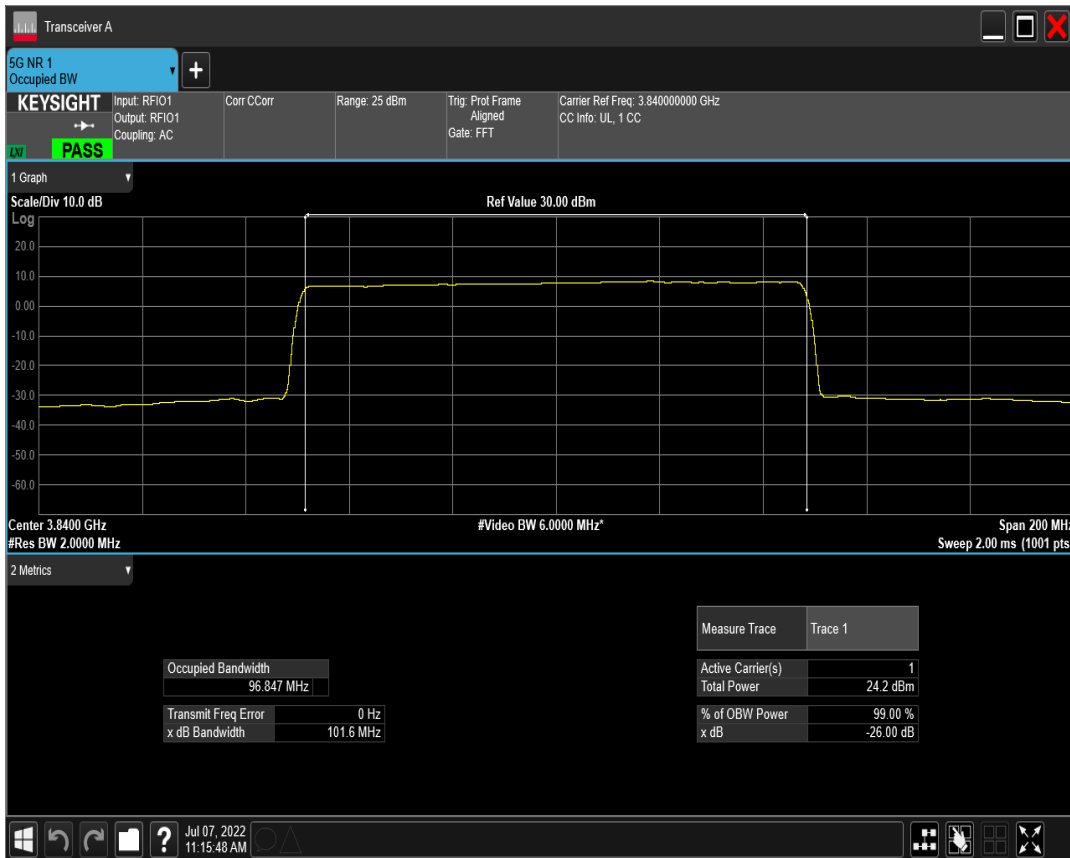
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



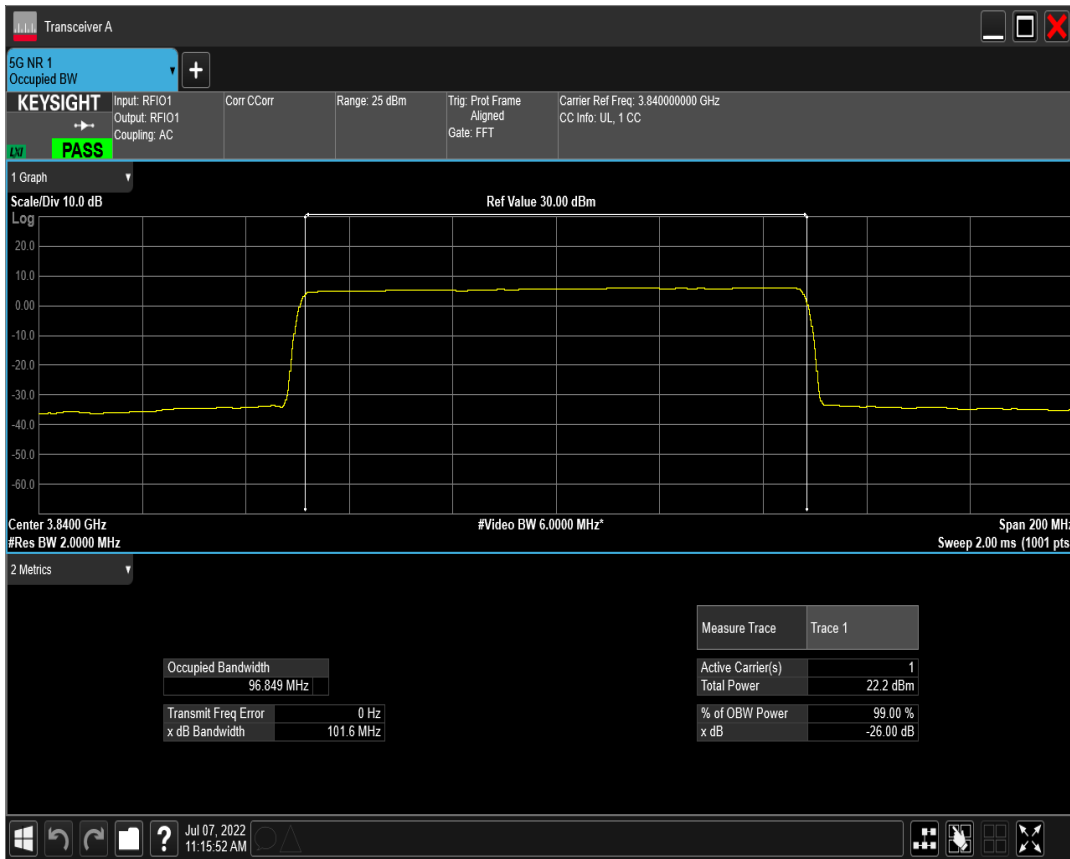
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



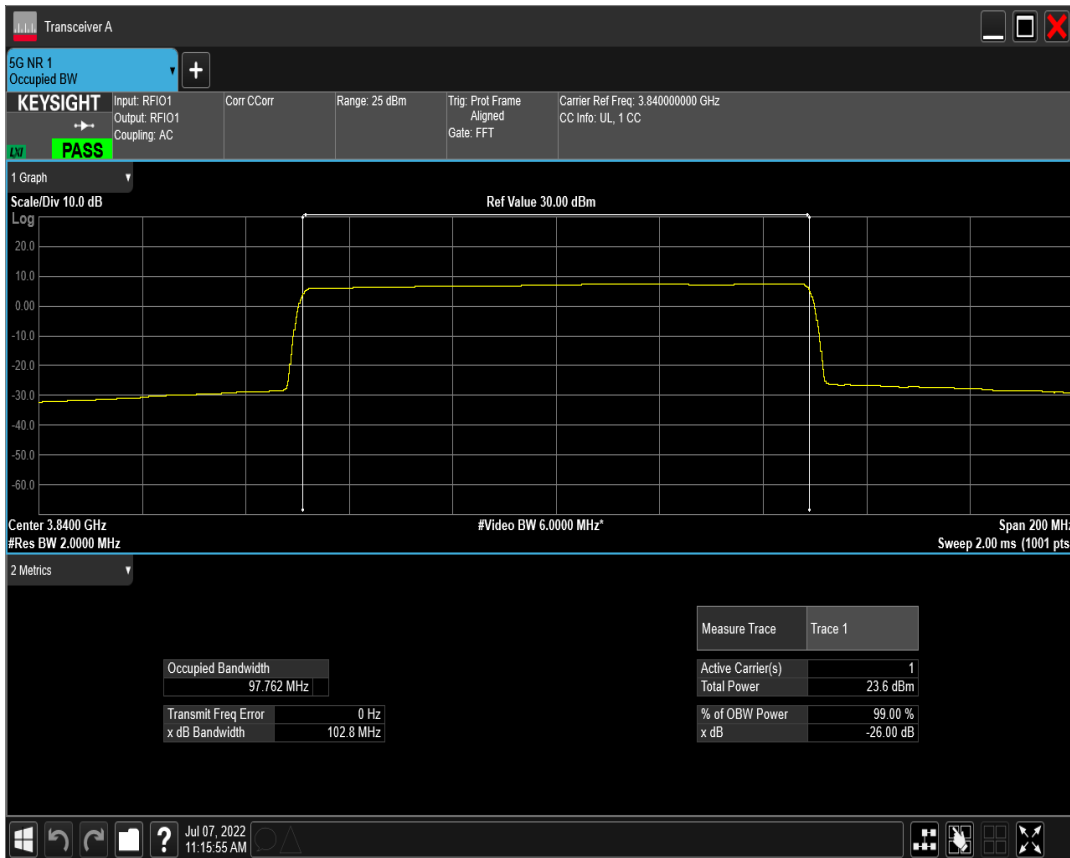
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0



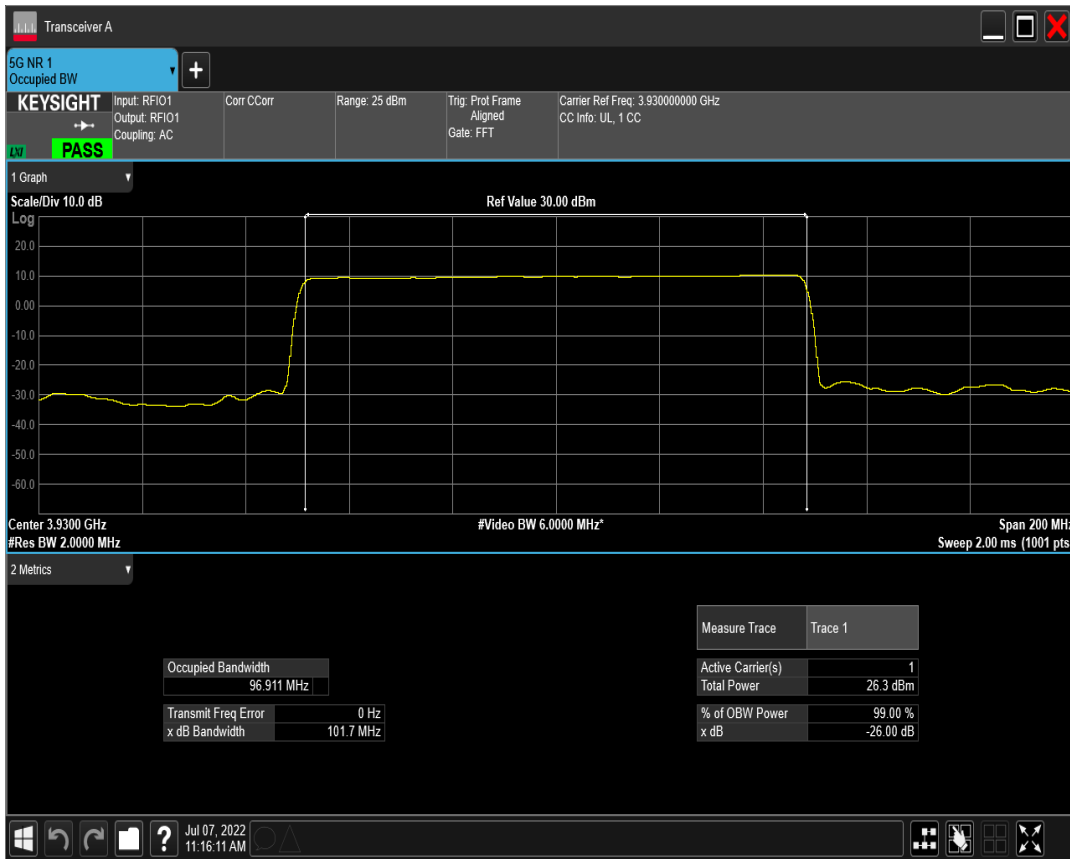
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



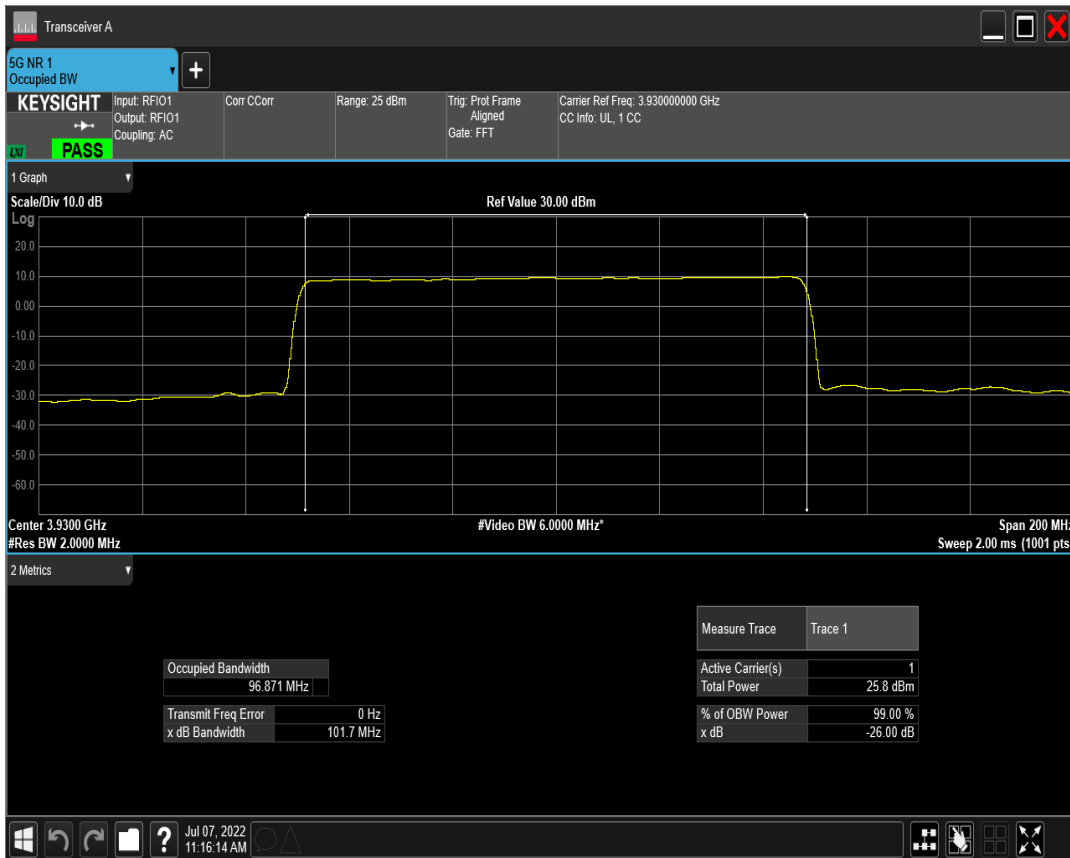
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=656000 RB=273@0



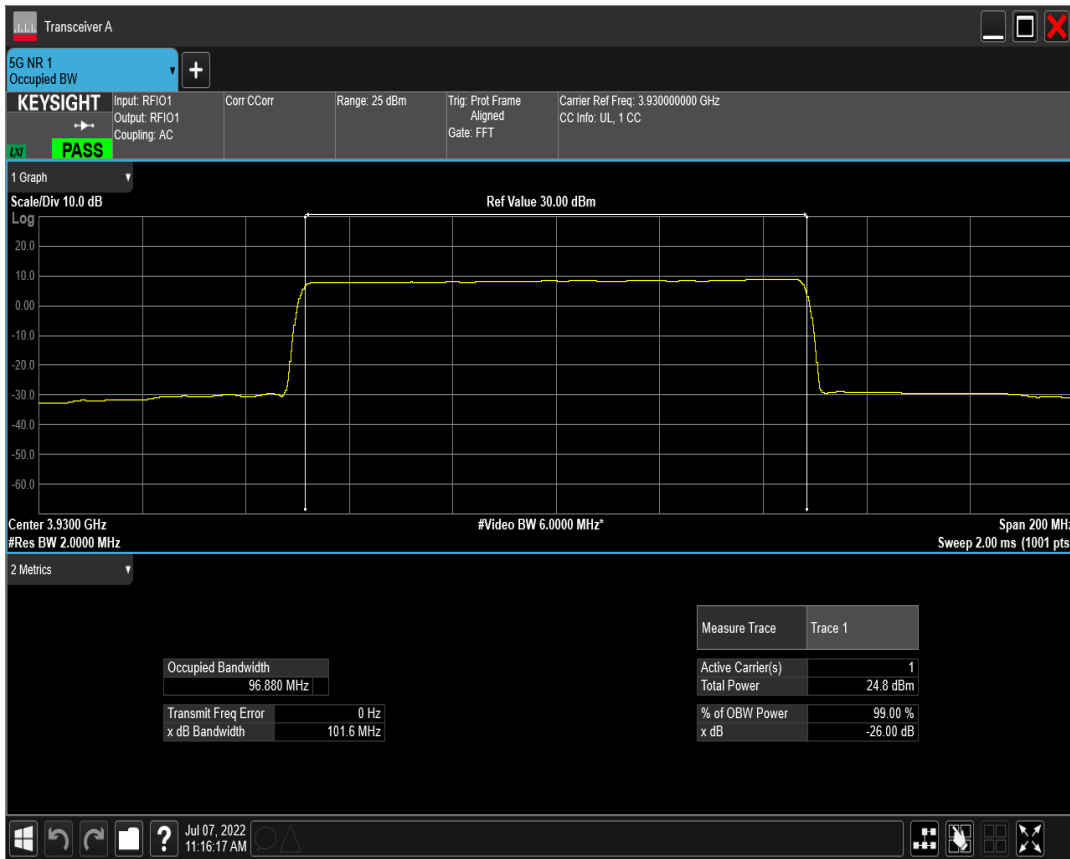
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=662000 RB=270@0



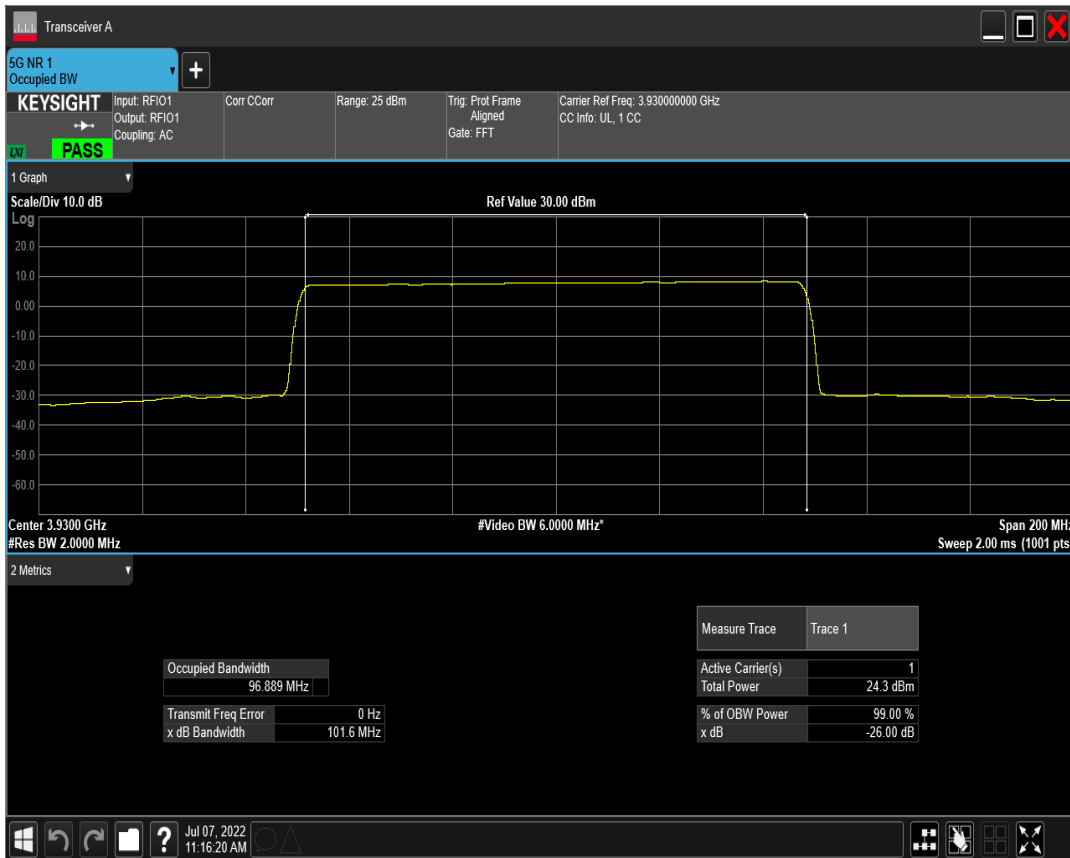
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



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

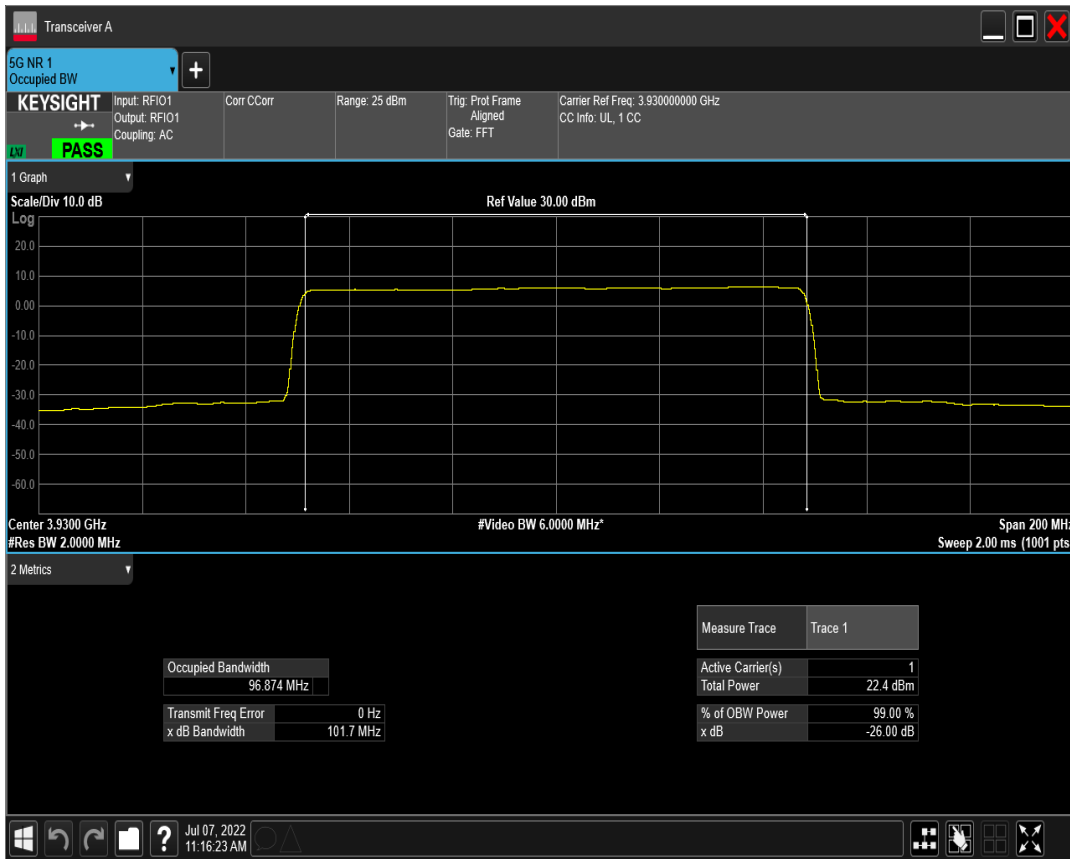


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=662000 RB=270@0





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



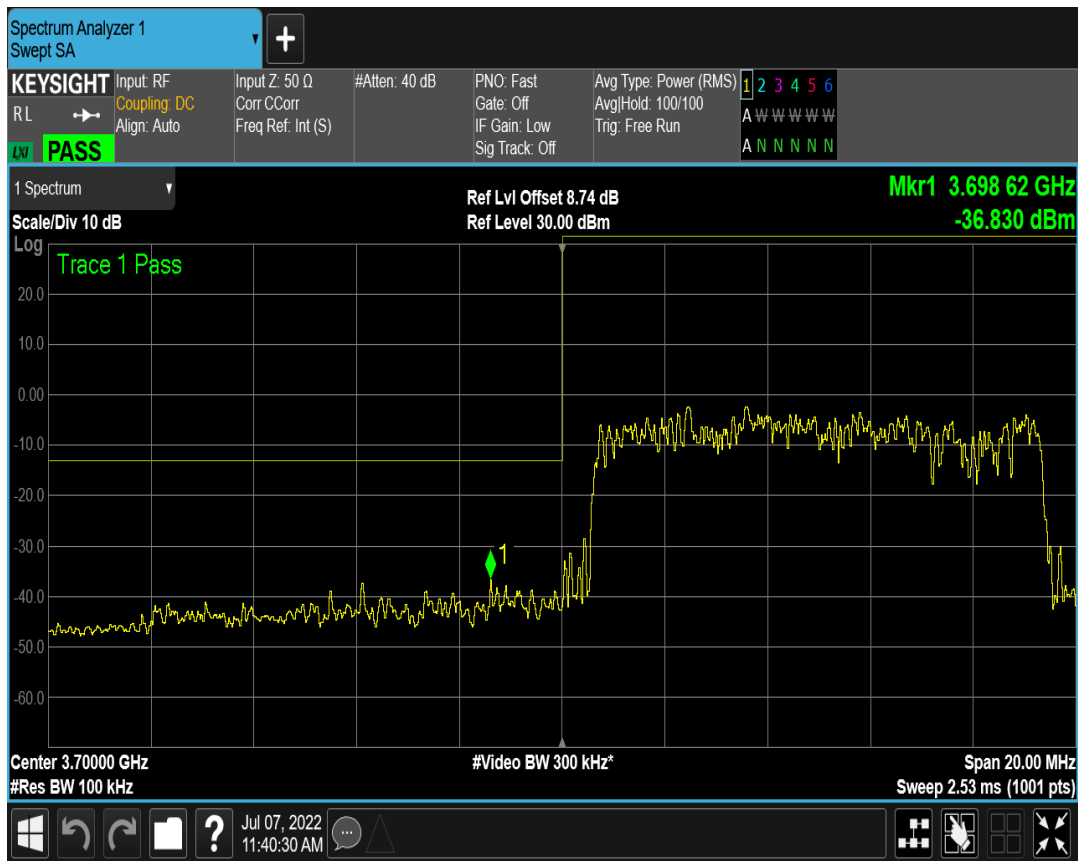
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0



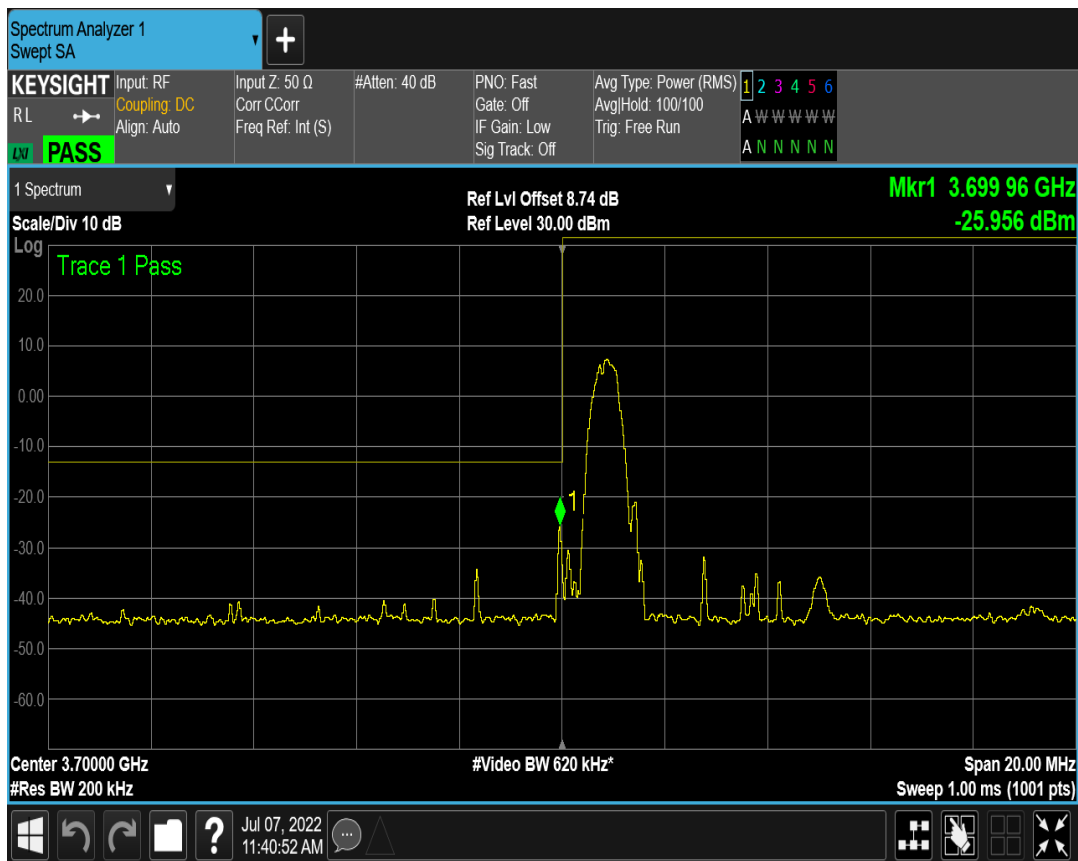
### 5 Band edge for NR FR1

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	3698.62	-36.82	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	3699.96	-25.95	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	3981.30	-37.13	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	3980.62	-24.99	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-28.91	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3700.00	-31.06	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	4013.60	-35.99	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.40	-34.26	-13	PASS

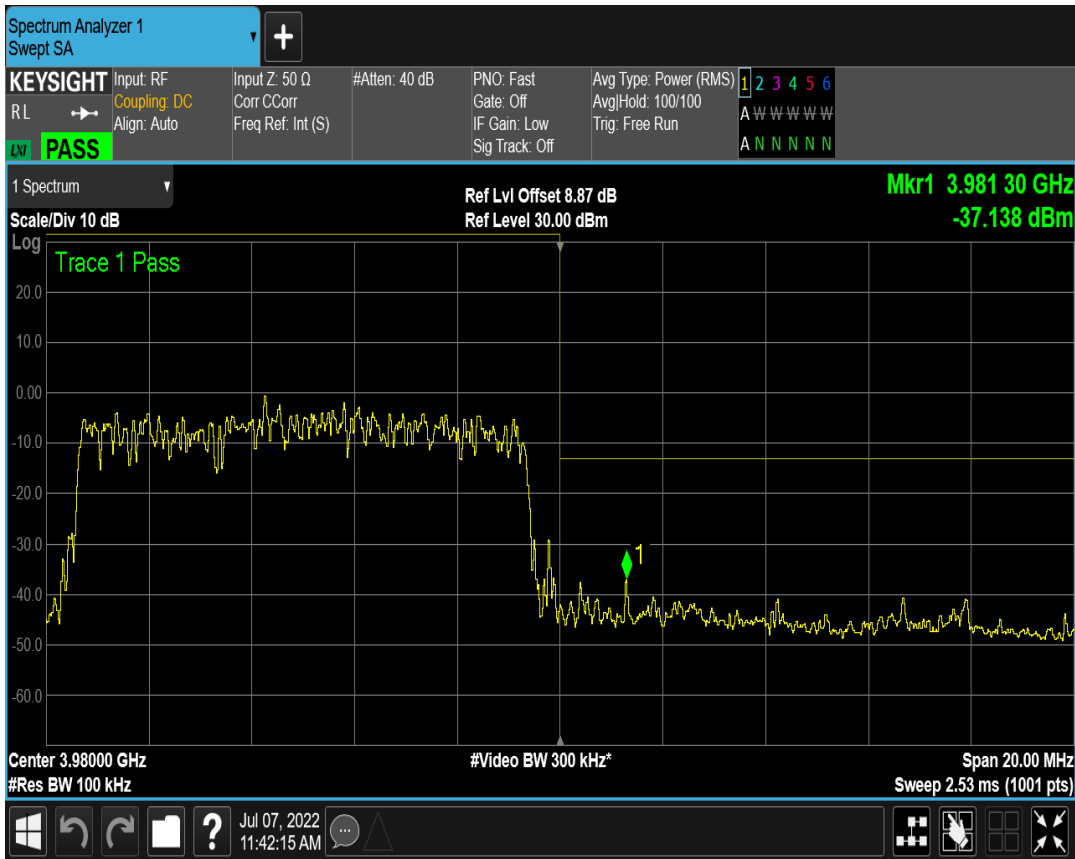
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0



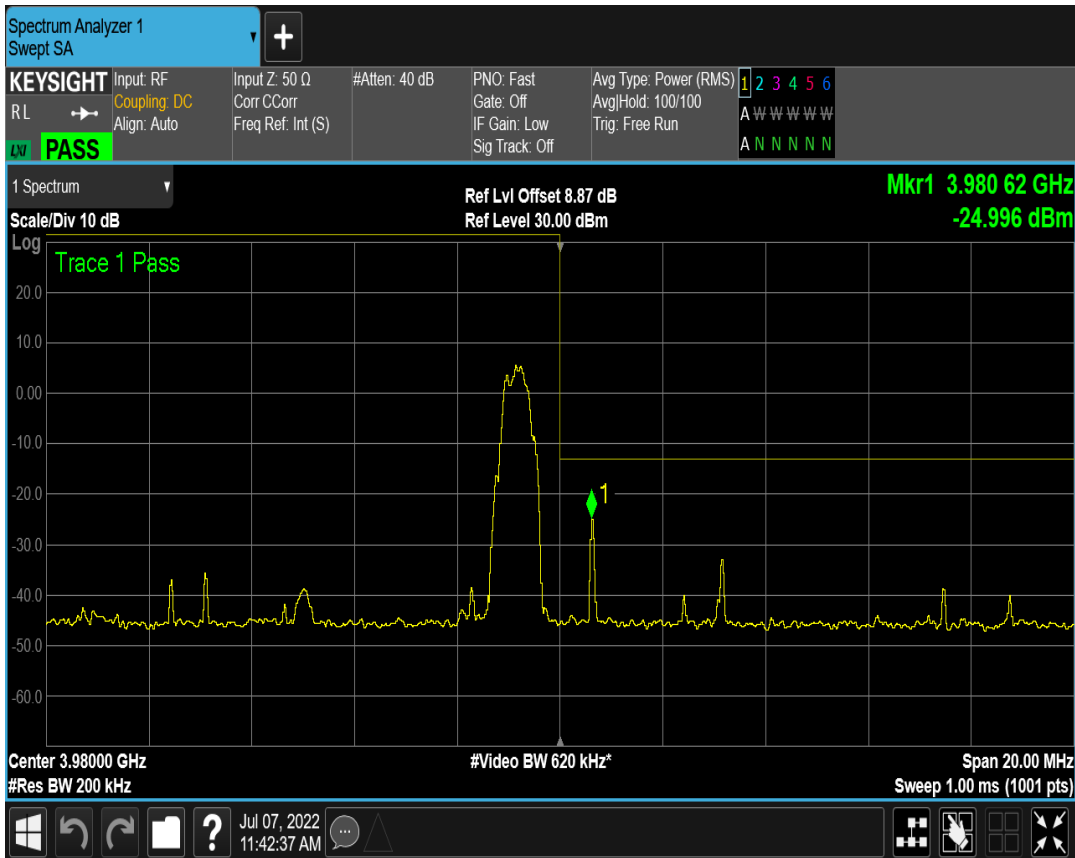
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



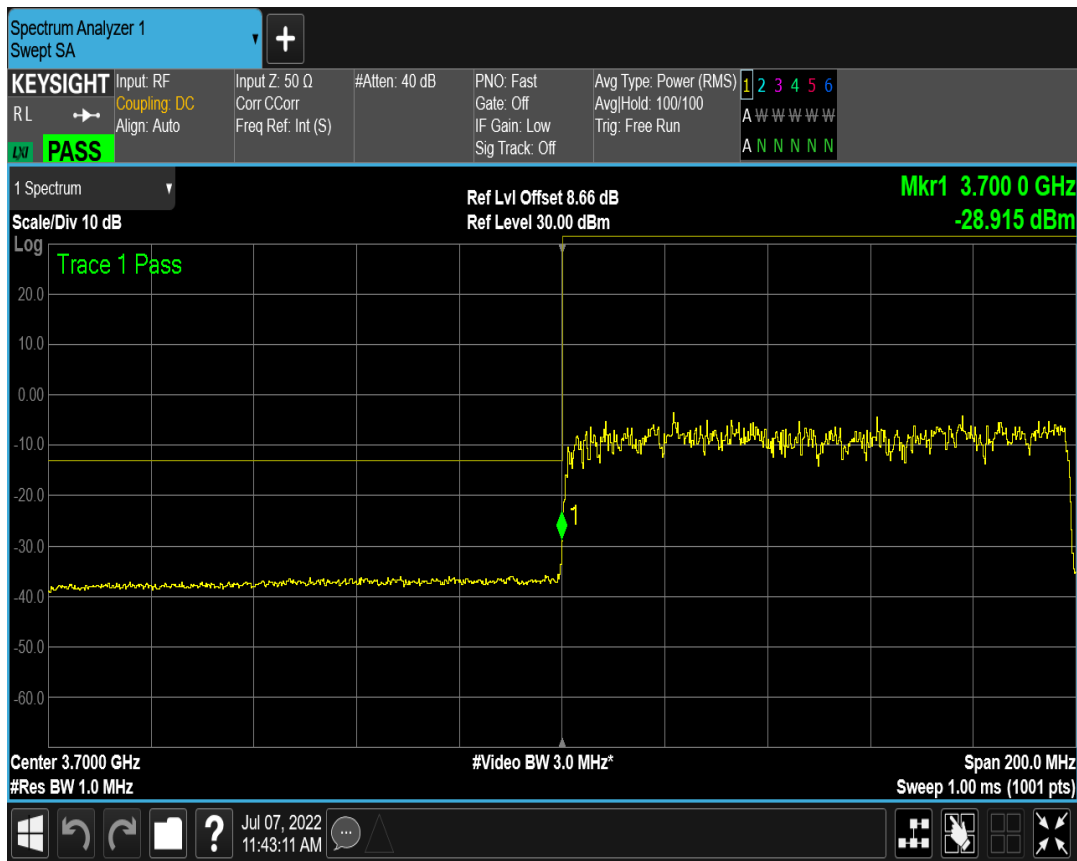
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



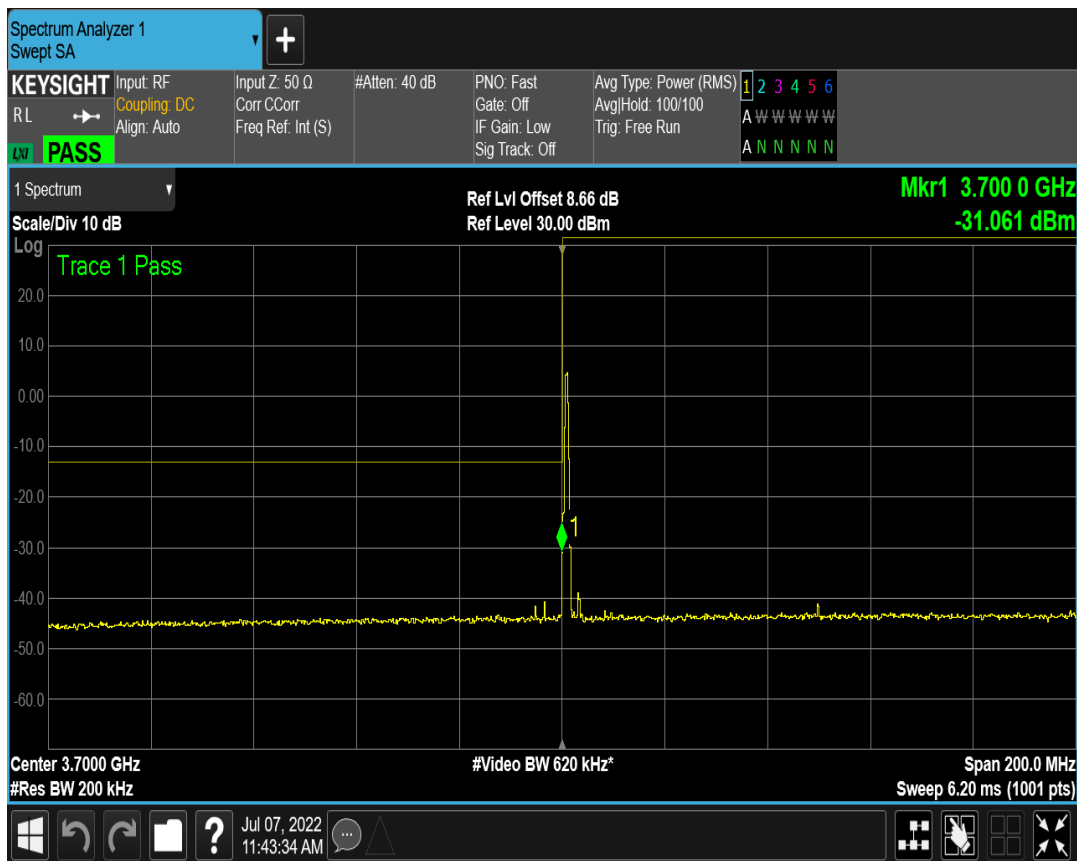
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



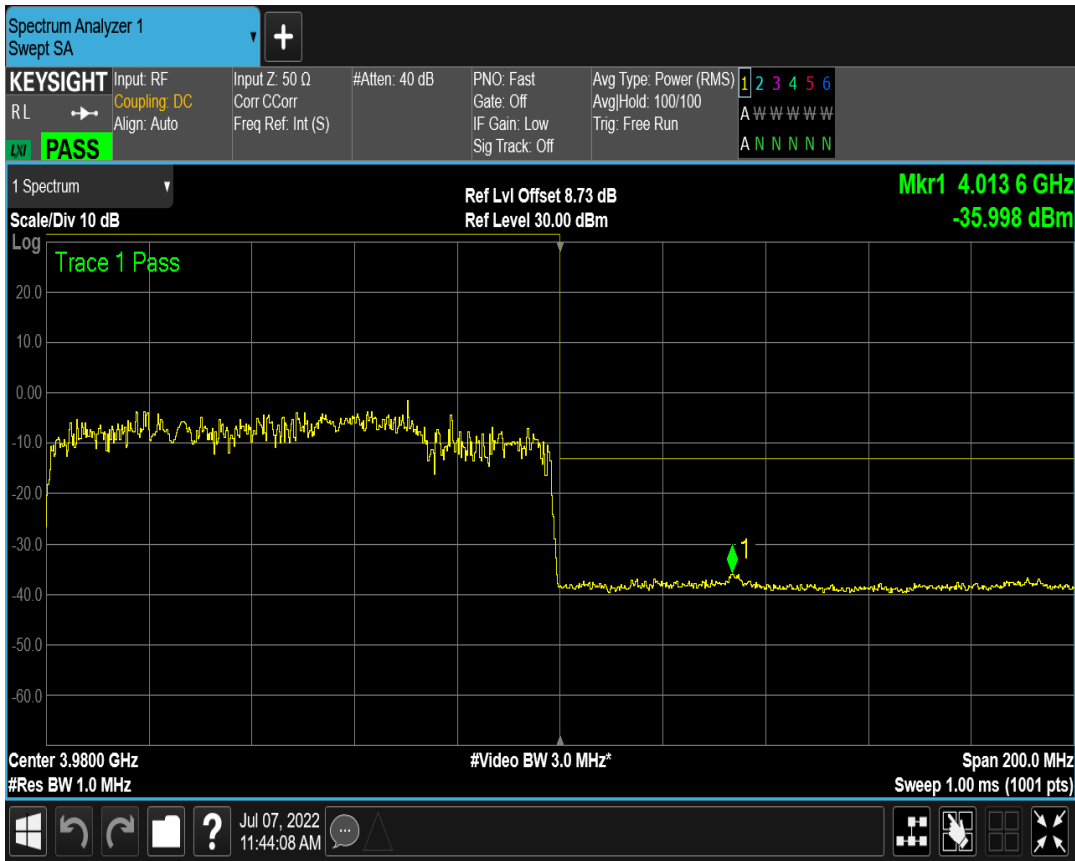
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



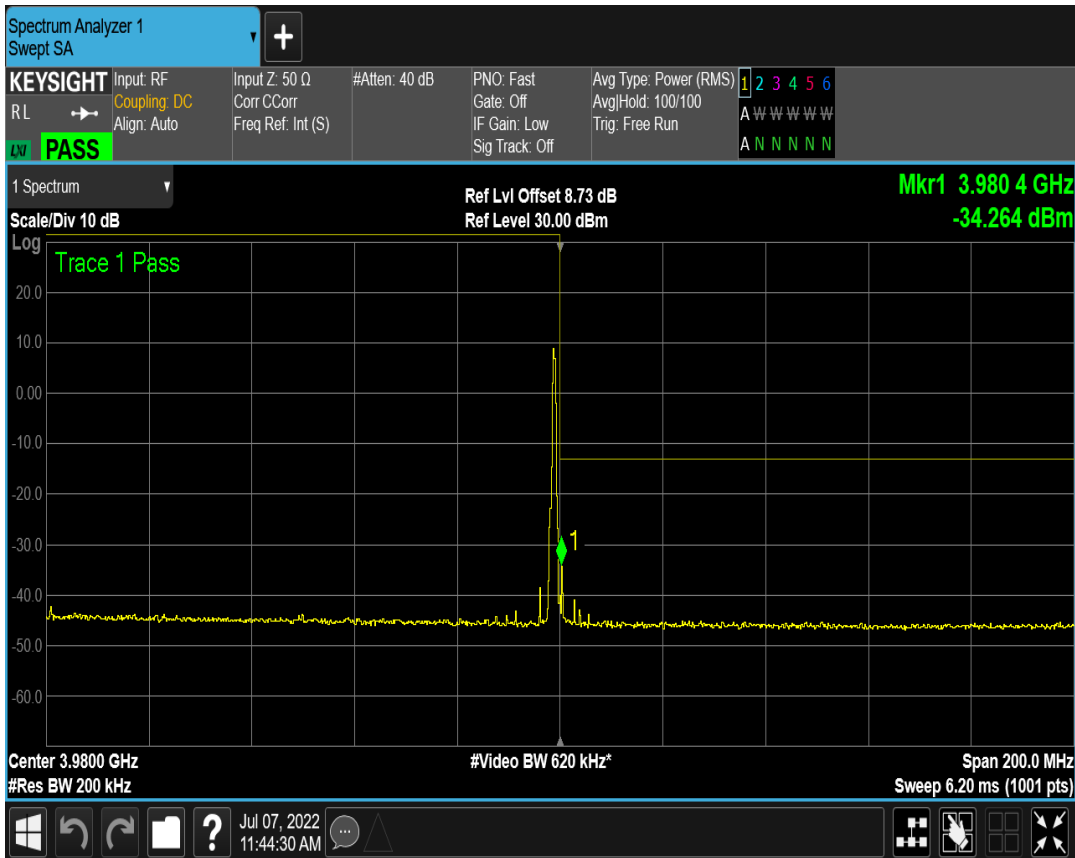
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



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



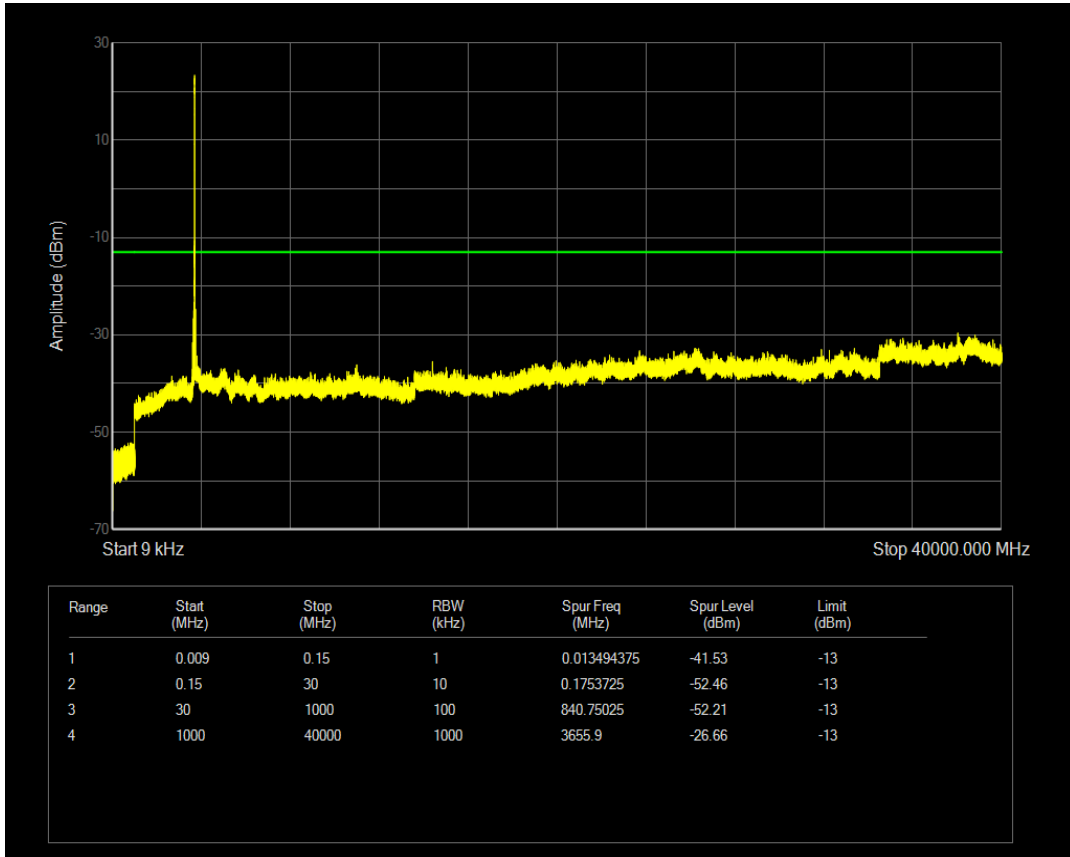
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272



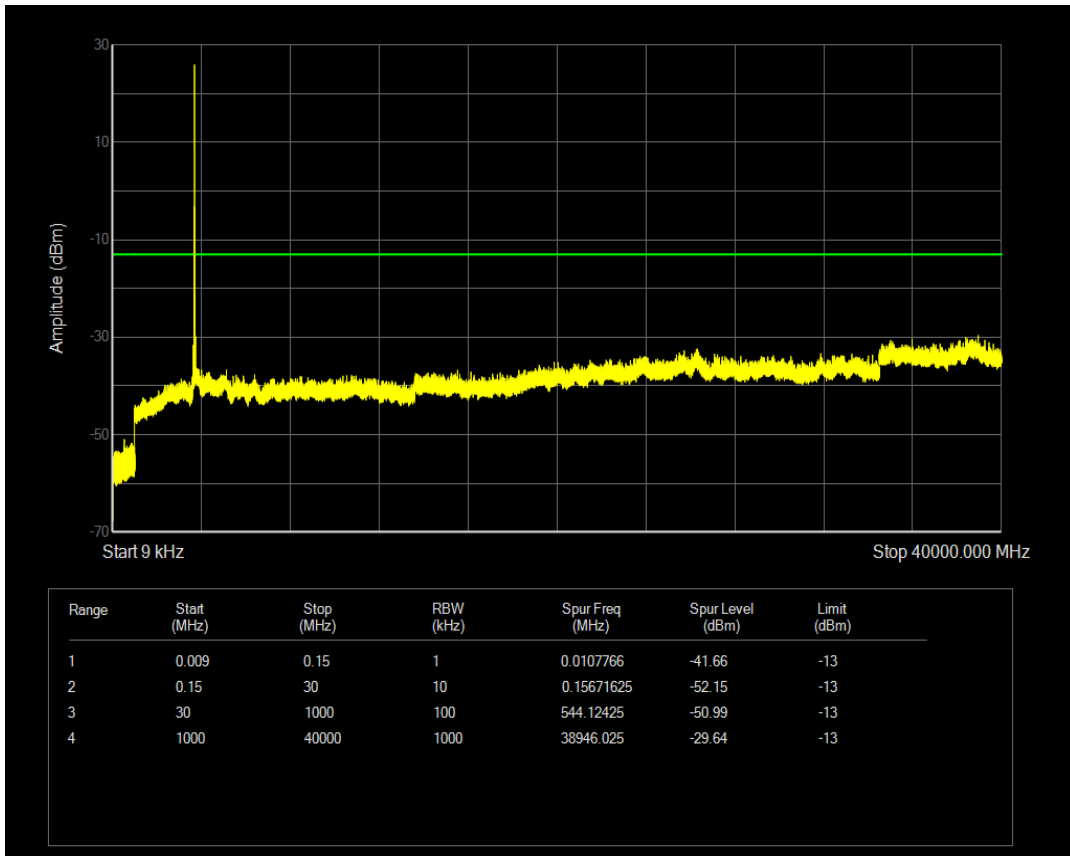
### 6 Out-of-band emissions for NR FR1

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	3655.90	-26.66	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	38946.03	-29.64	-13	PASS
n77(3700-3980)	30	10	647000	1@23	DFT_QPSK	34881.25	-29.66	-13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	38063.65	-29.67	-13	PASS
n77(3700-3980)	30	10	656000	1@0	DFT_QPSK	38939.20	-29.57	-13	PASS
n77(3700-3980)	30	10	656000	1@23	DFT_QPSK	38757.85	-30.34	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	38774.43	-29.95	-13	PASS
n77(3700-3980)	30	10	665000	1@0	DFT_QPSK	34892.95	-29.06	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	36938.50	-29.89	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	39014.28	-30.07	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	36939.48	-30.12	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38961.63	-29.95	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38615.50	-28.89	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38601.85	-30.37	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	38750.05	-29.30	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38675.95	-29.66	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	38519.95	-29.54	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38176.75	-30.10	-13	PASS

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

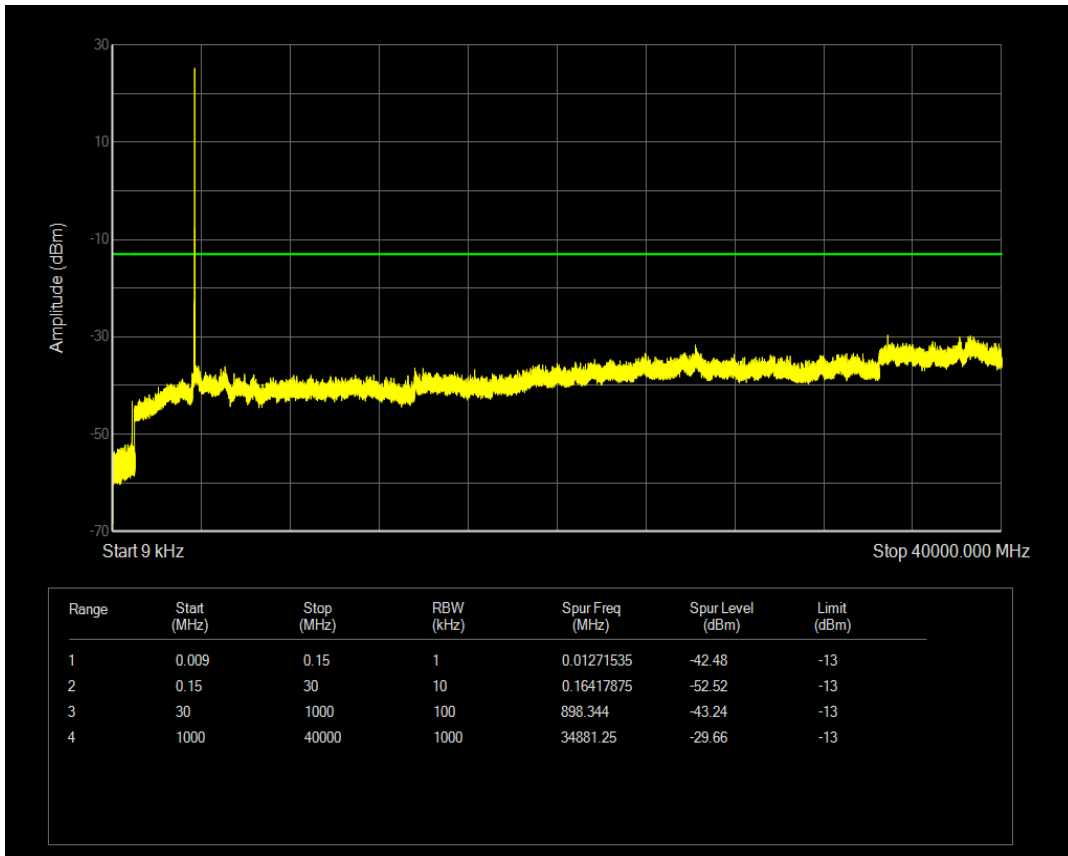


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0

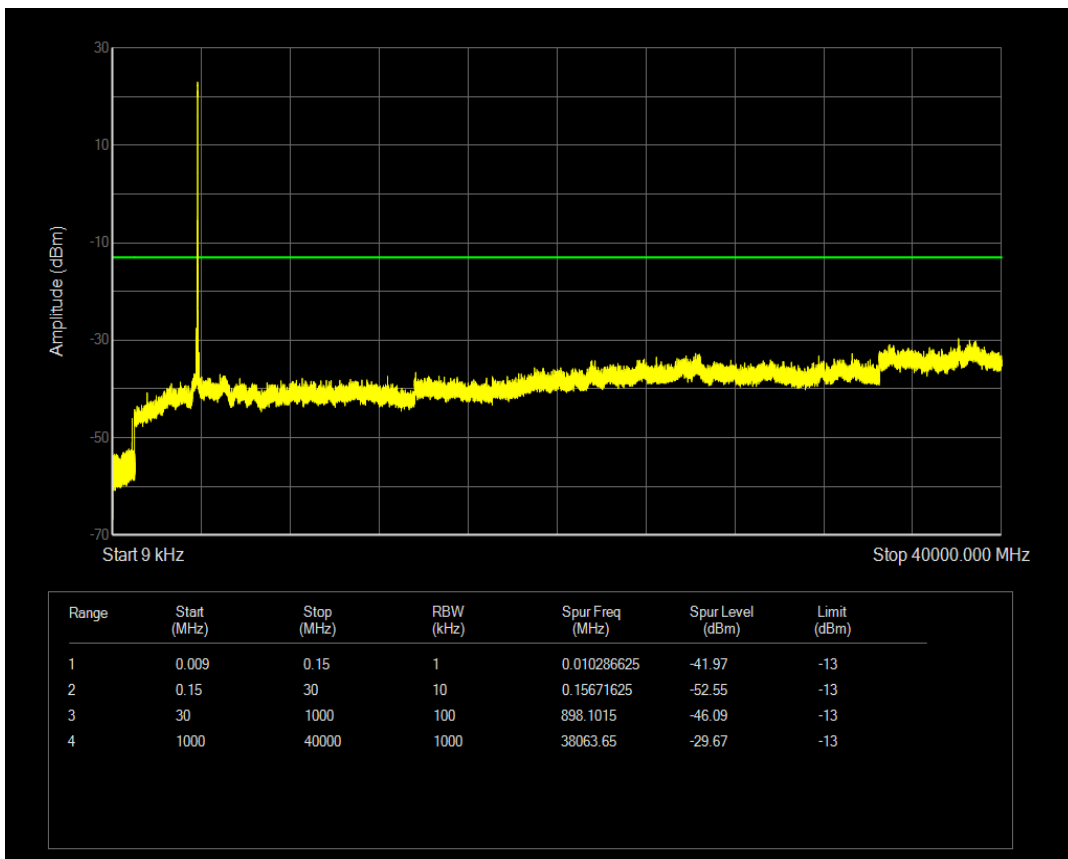




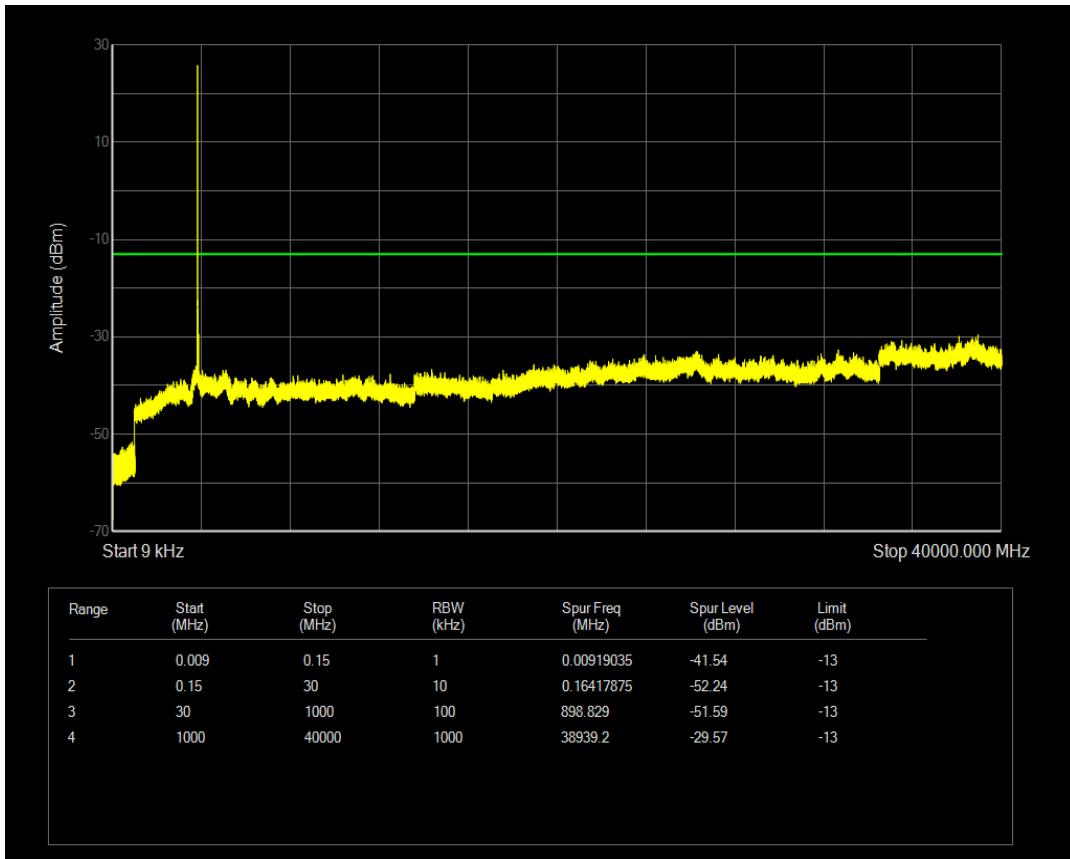
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@23



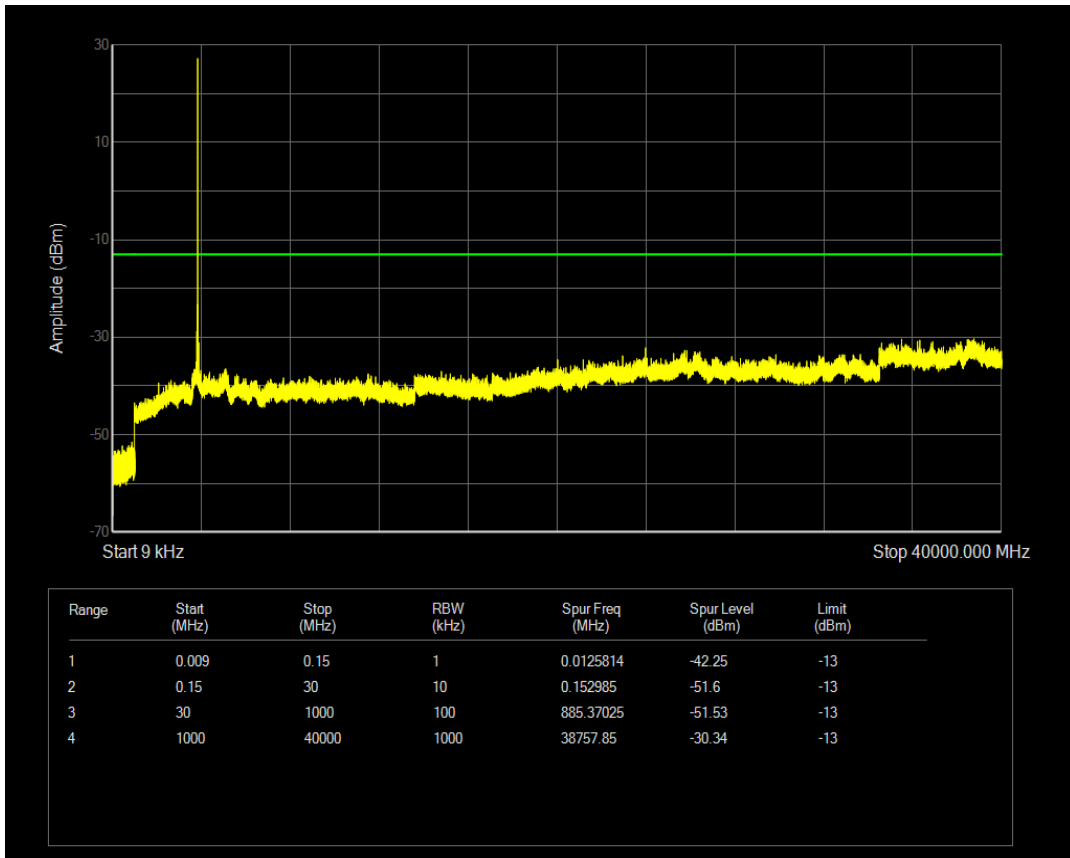
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



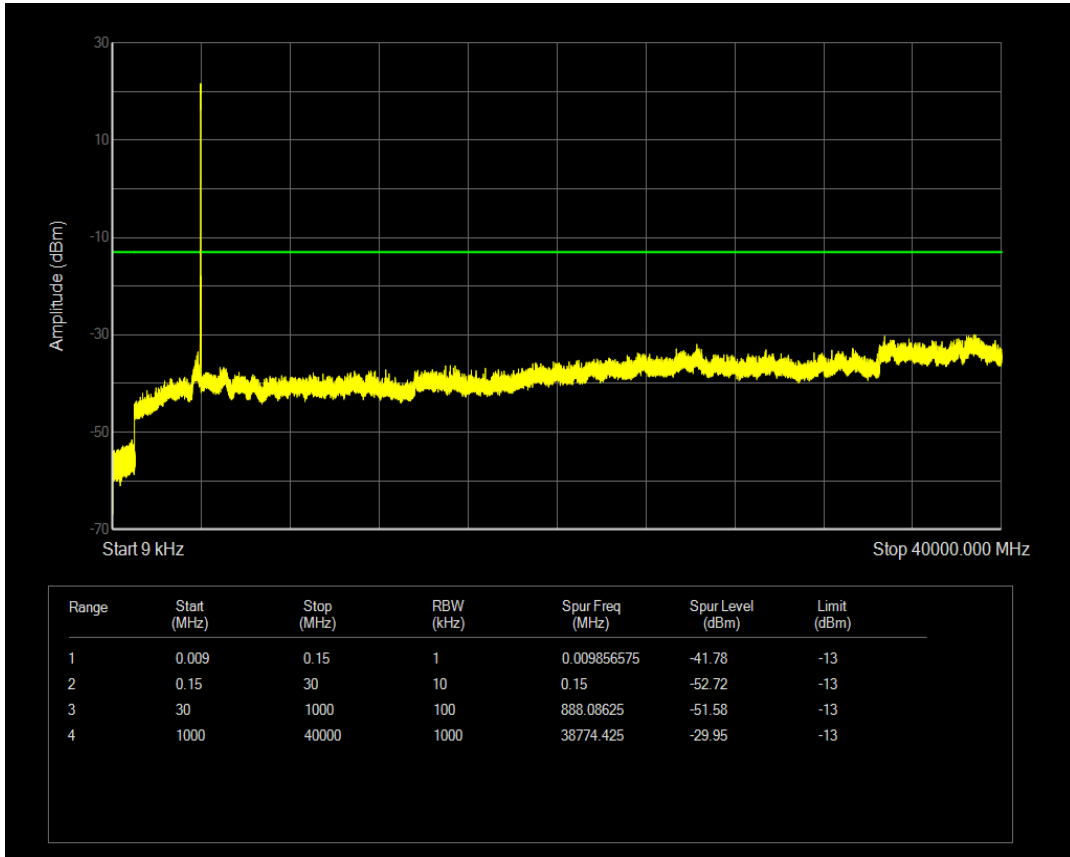
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1 @0



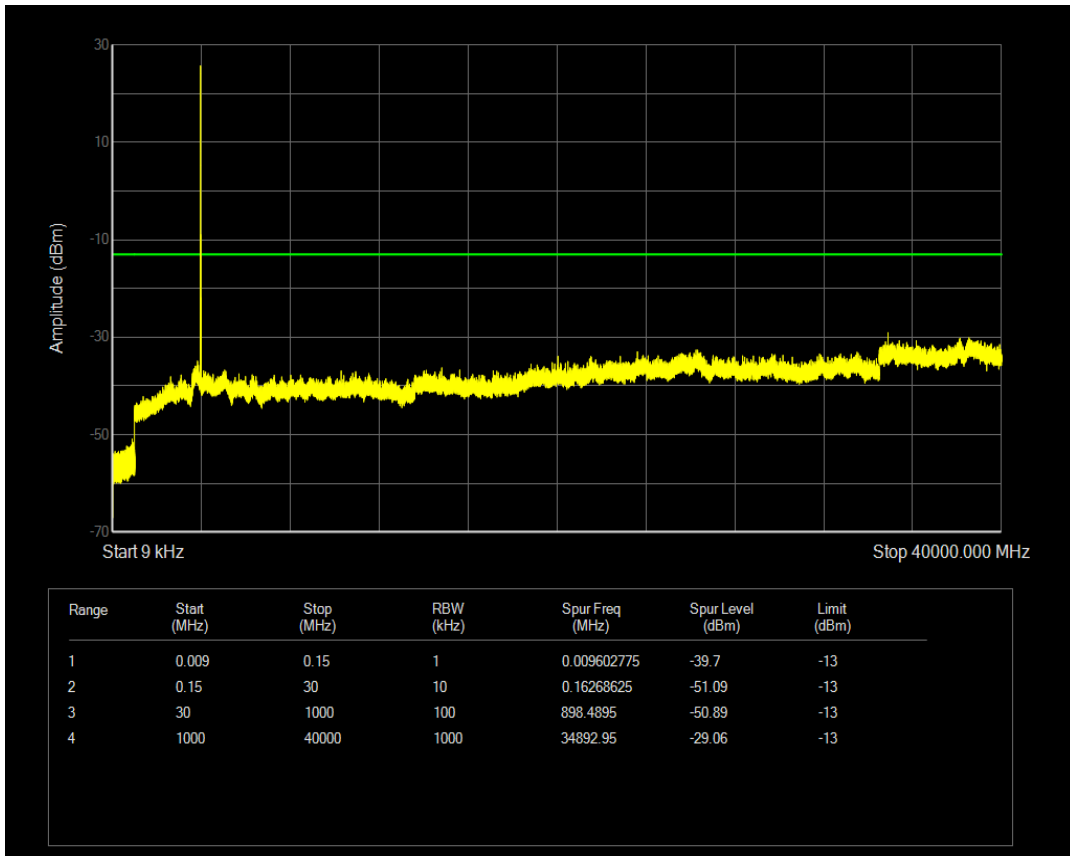
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1 @23



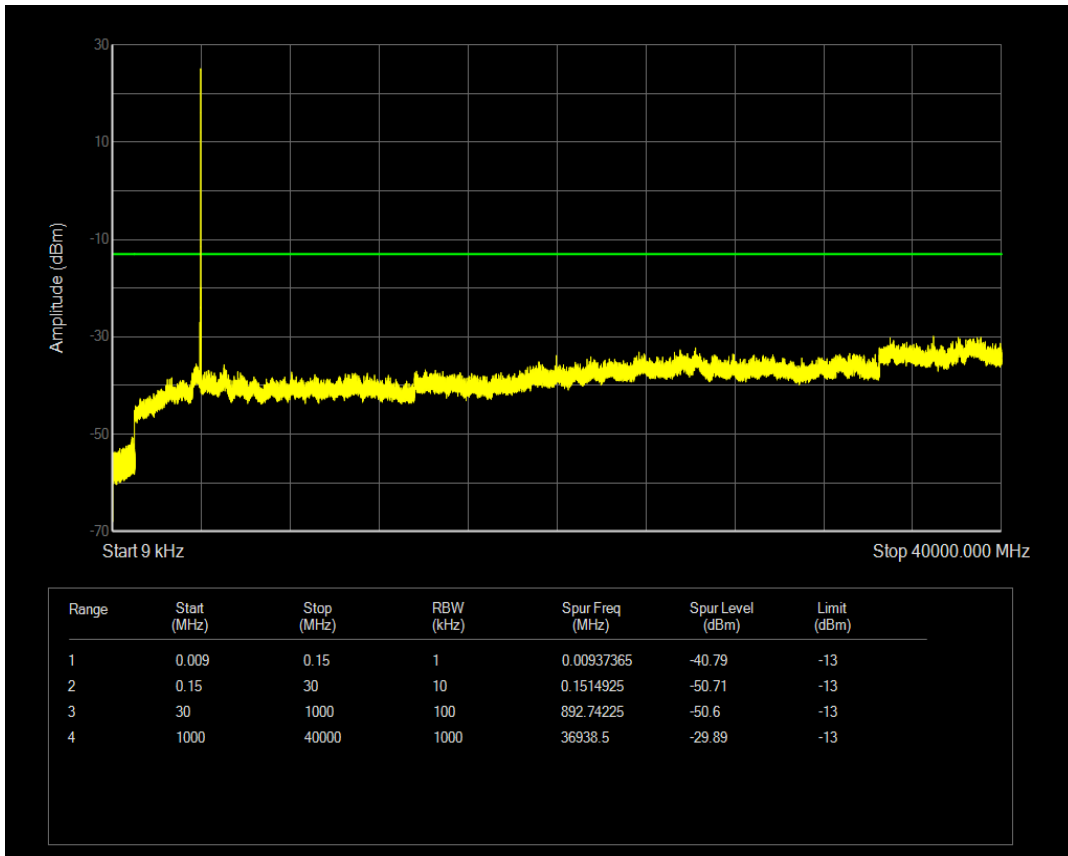
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



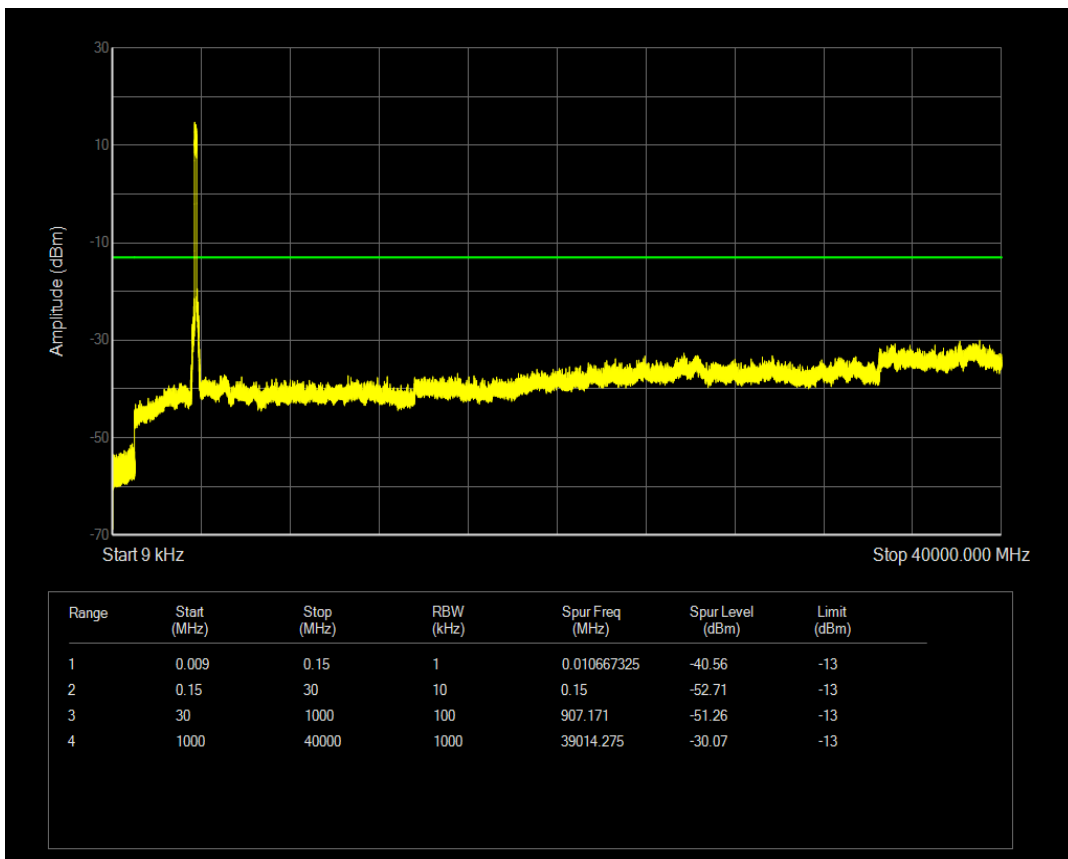
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@0



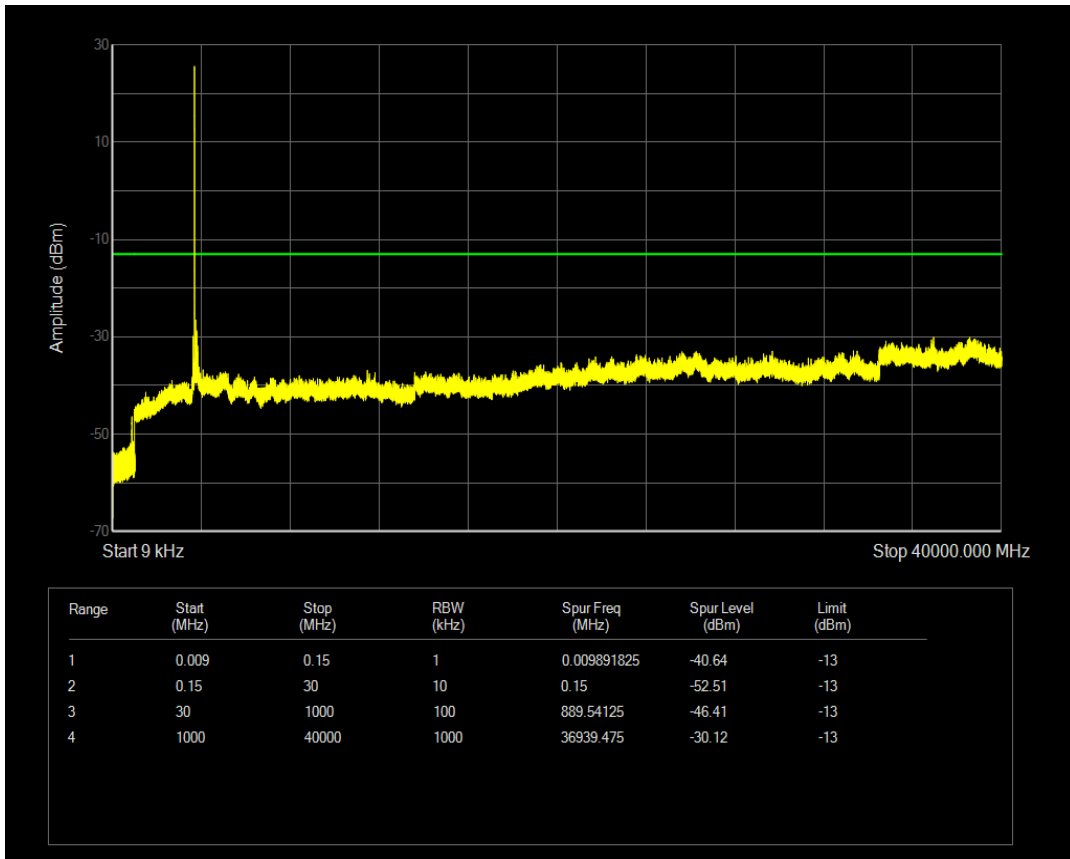
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



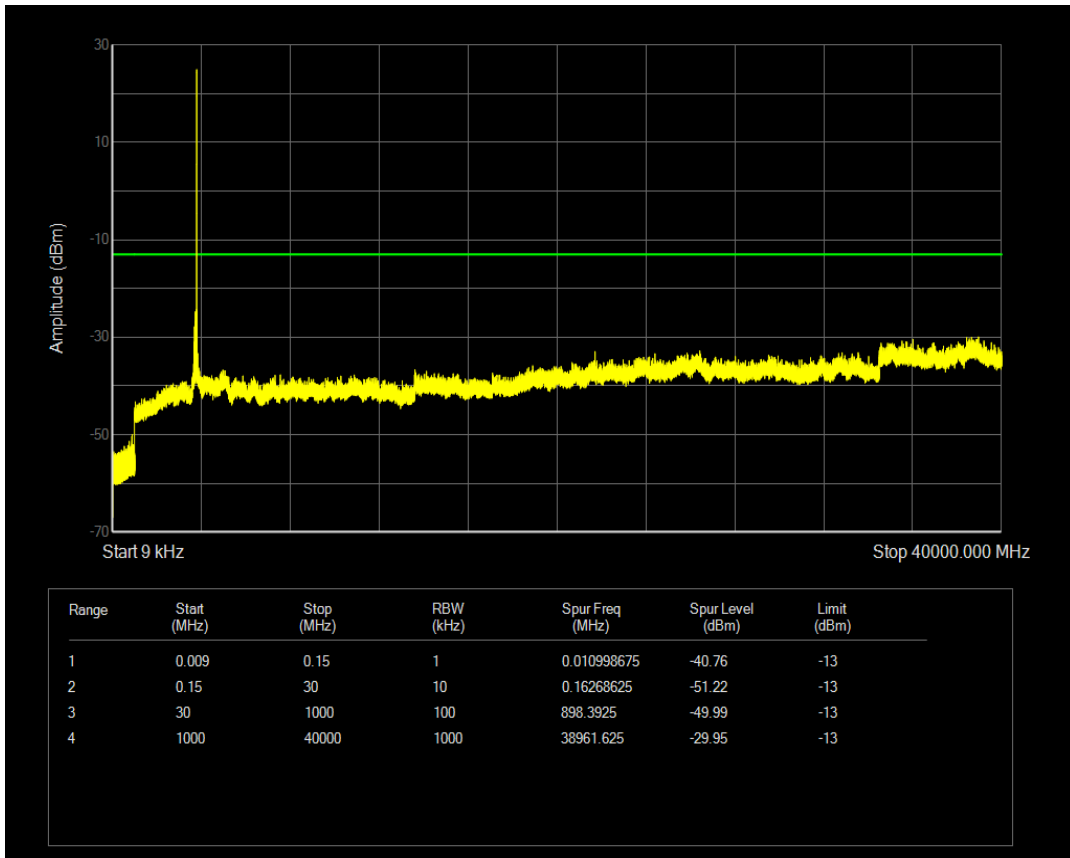
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



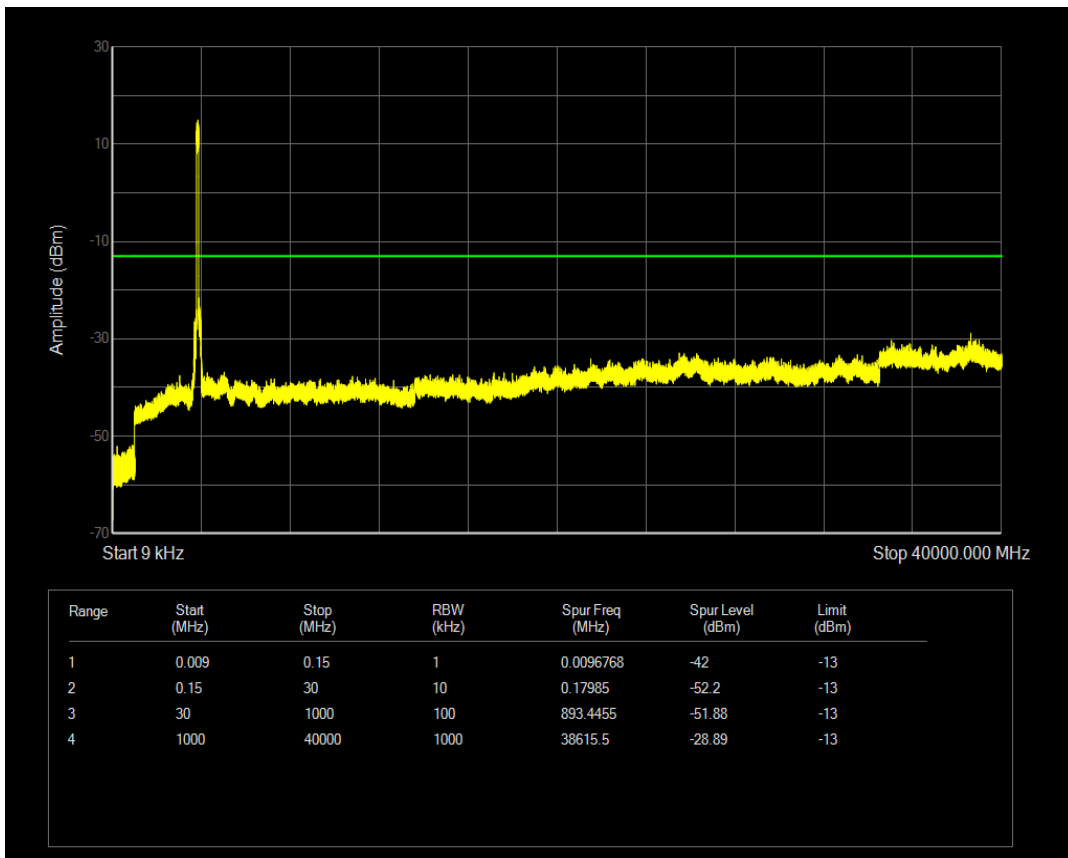
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1 @0



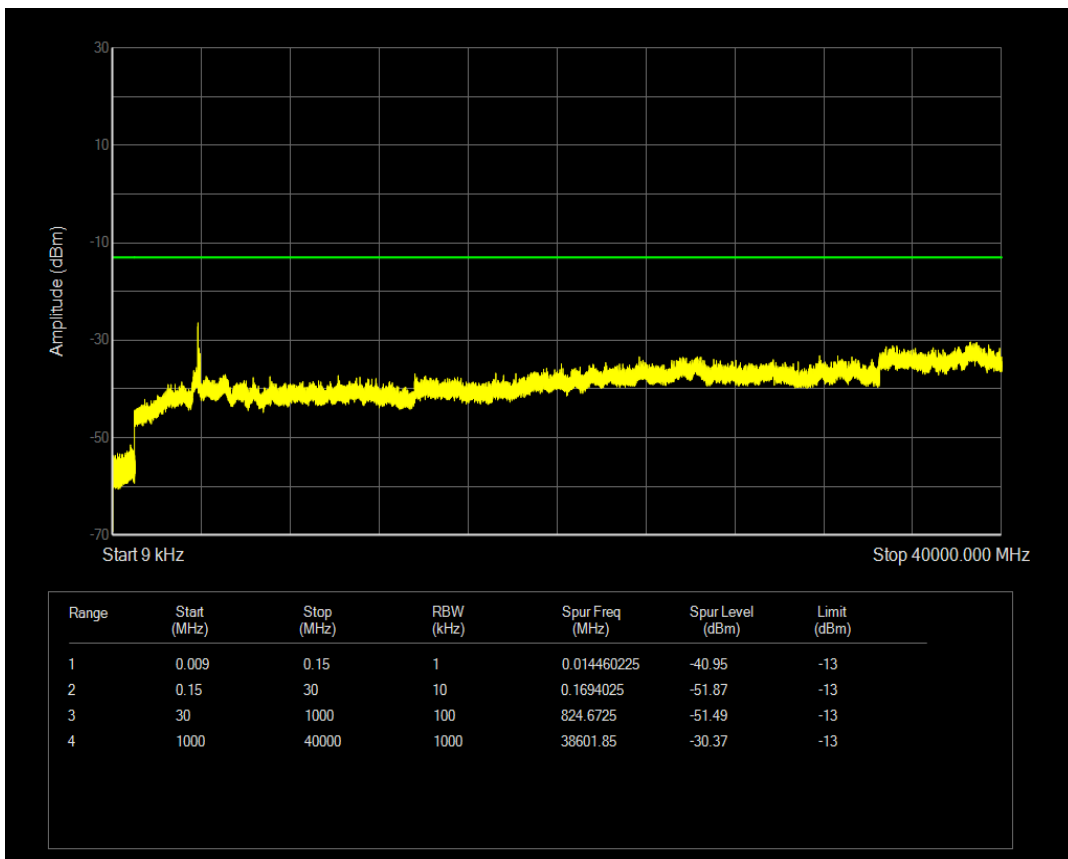
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1 @272



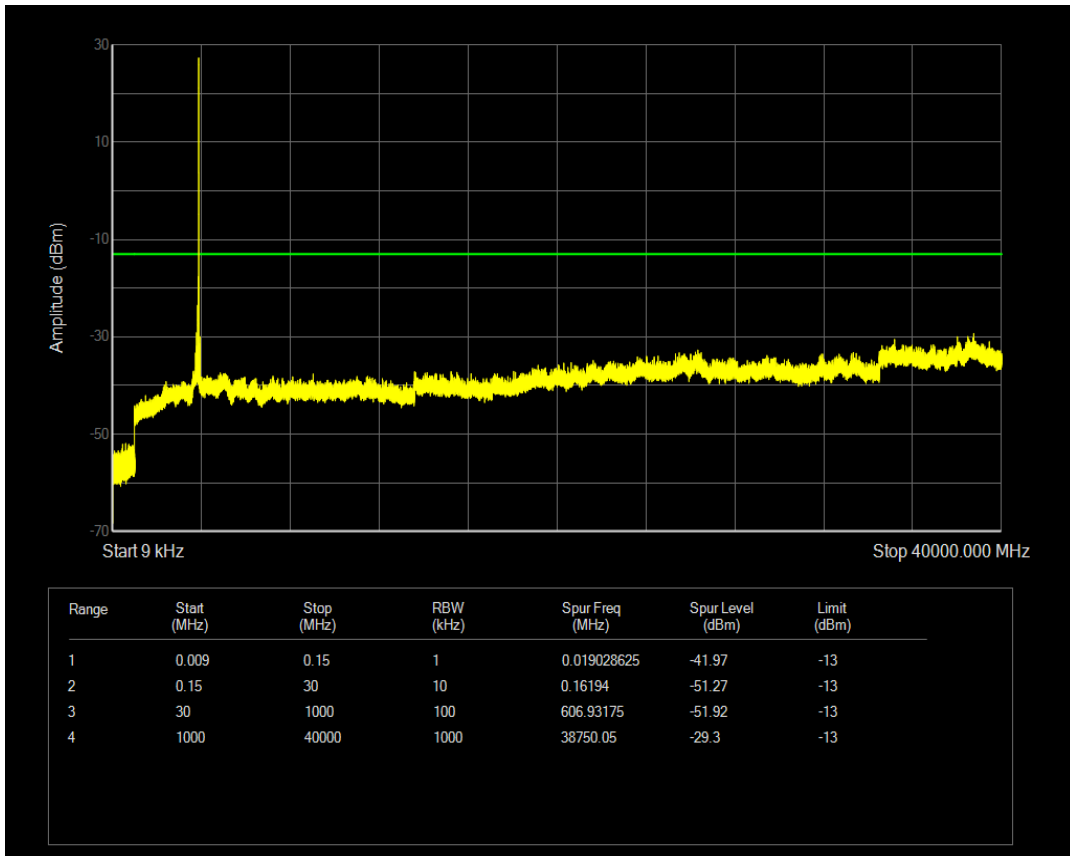
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



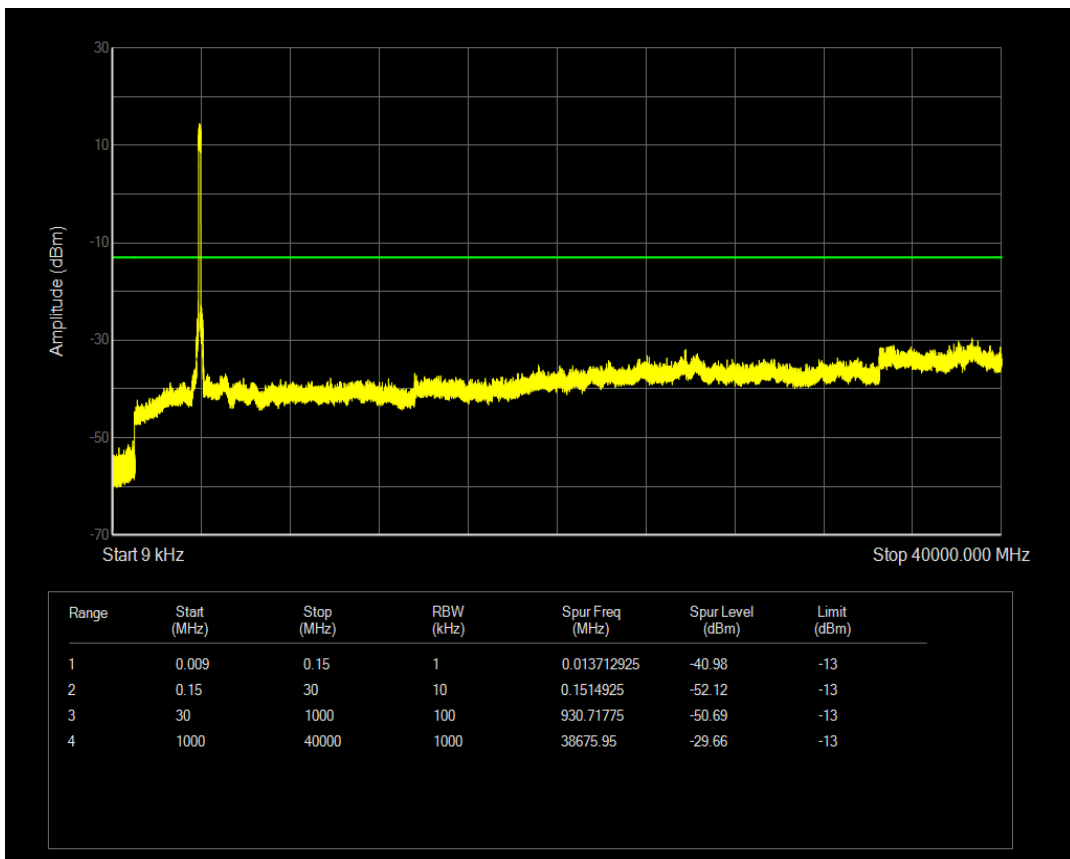
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@0



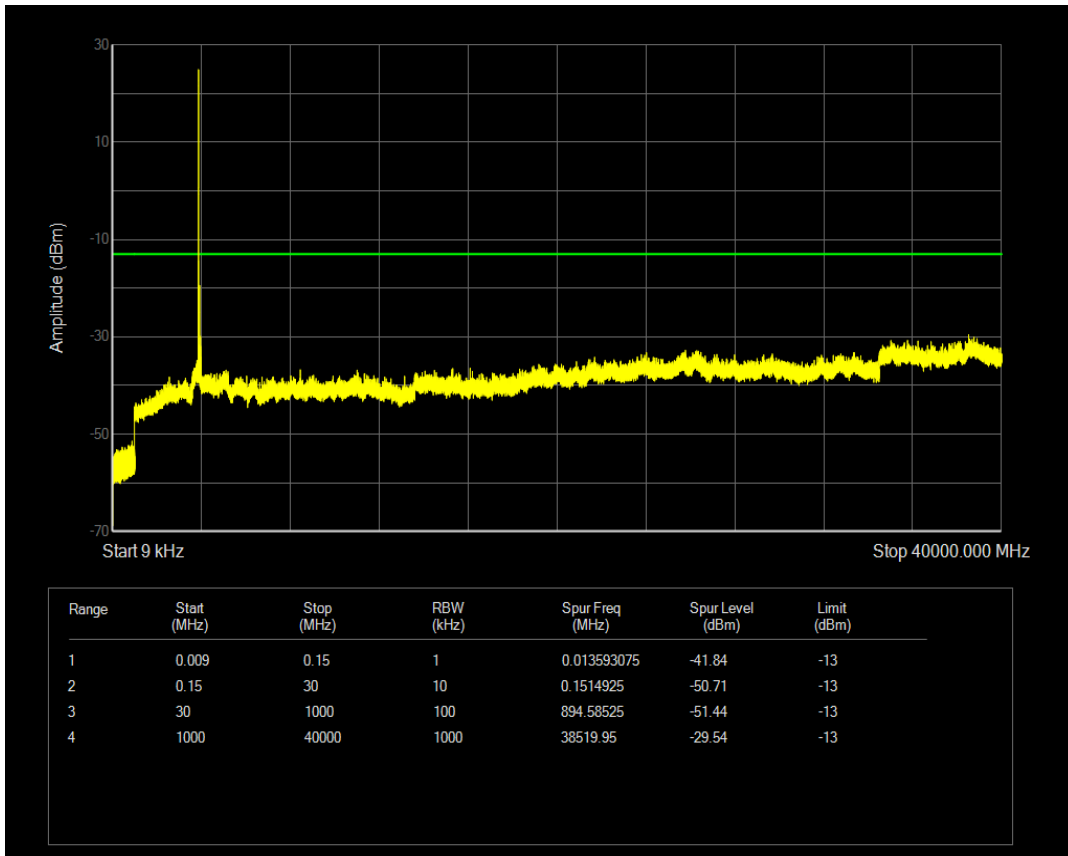
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@272



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

