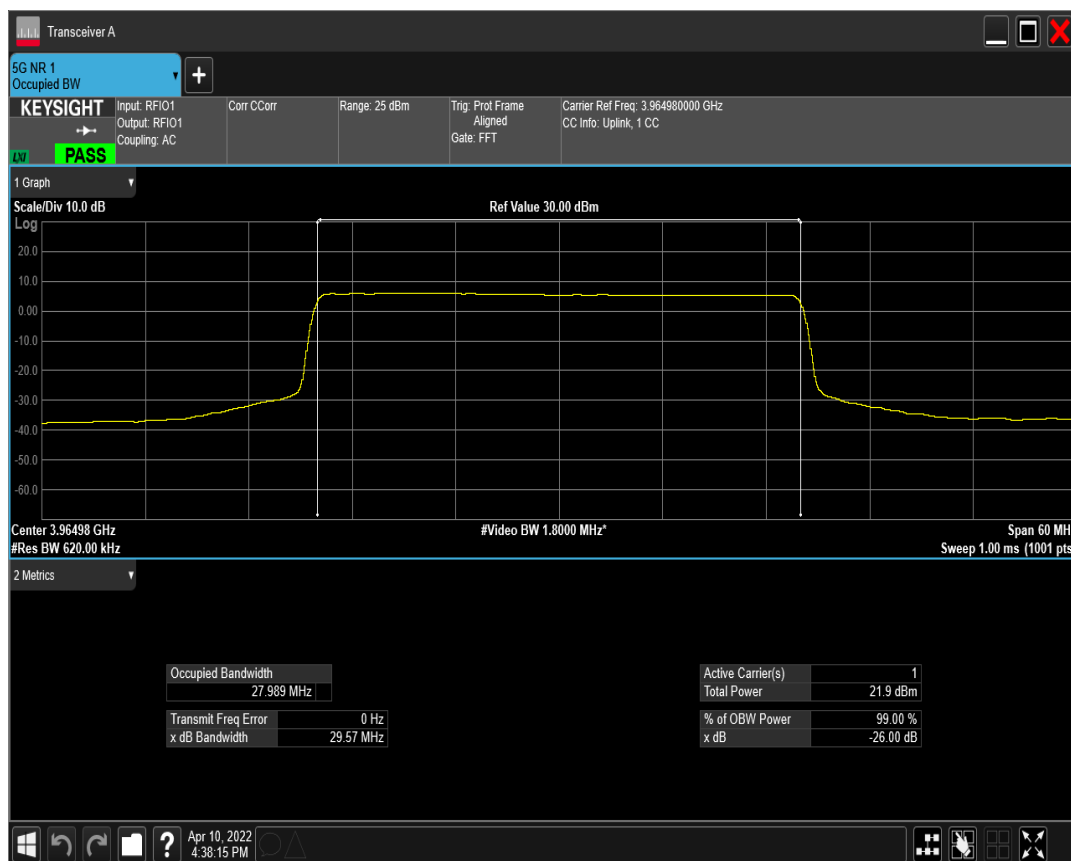
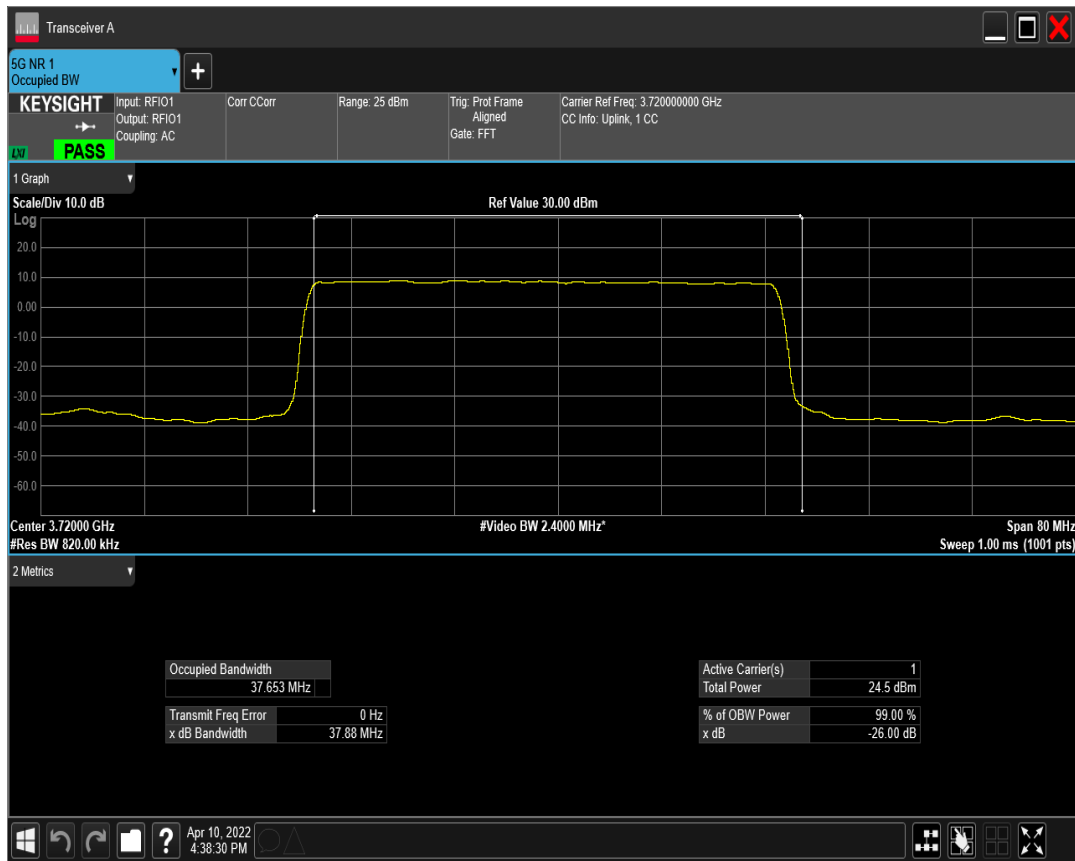




n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=648000 RB=100@0



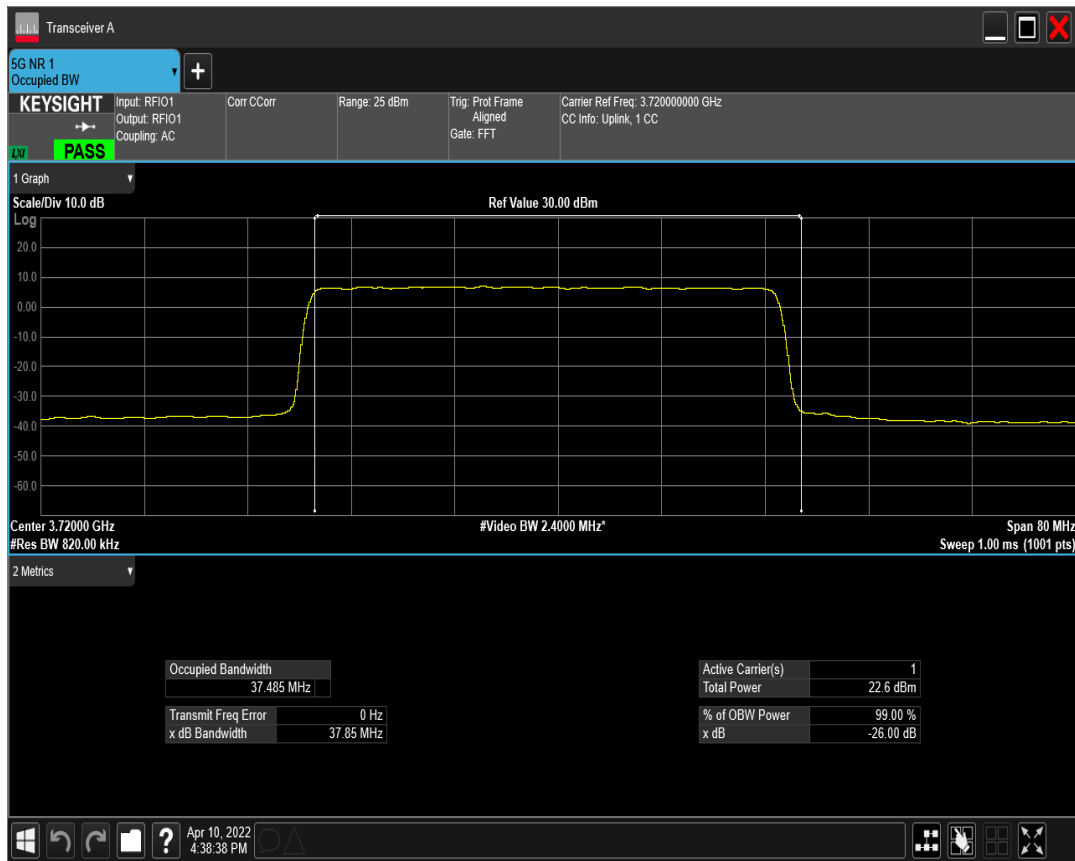
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=648000 RB=100@0



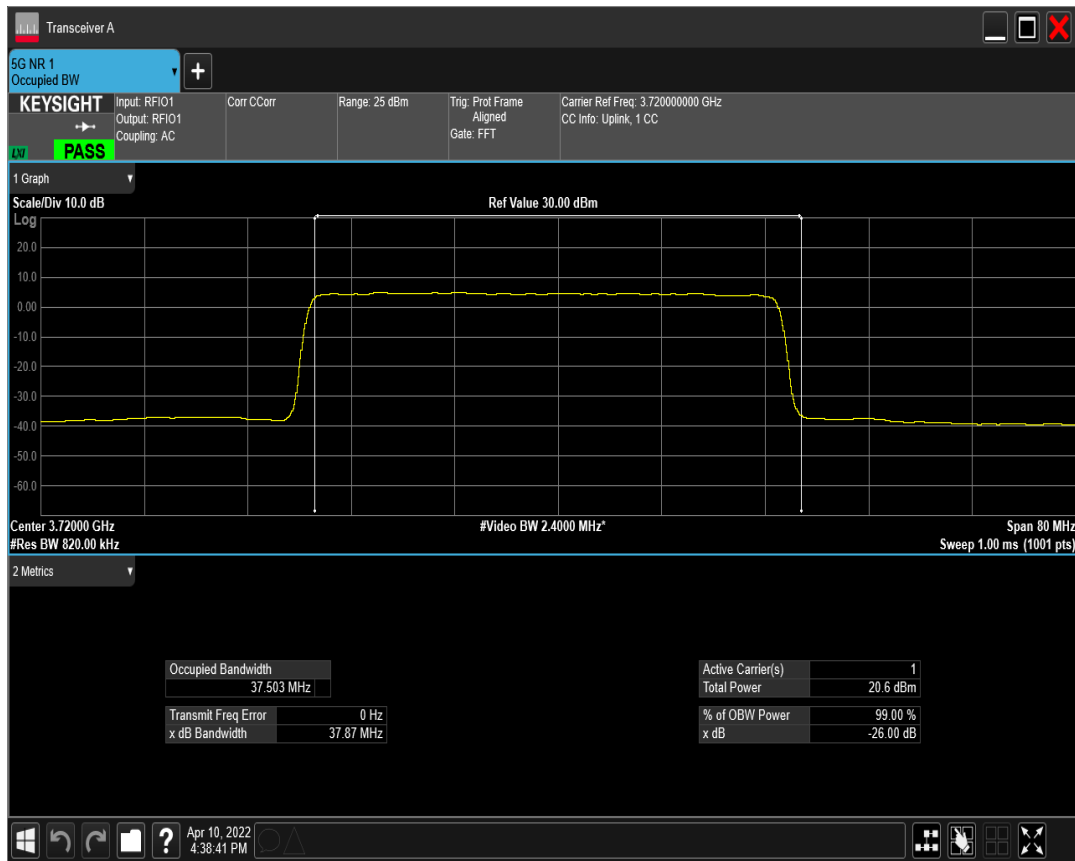
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=648000 RB=100@0



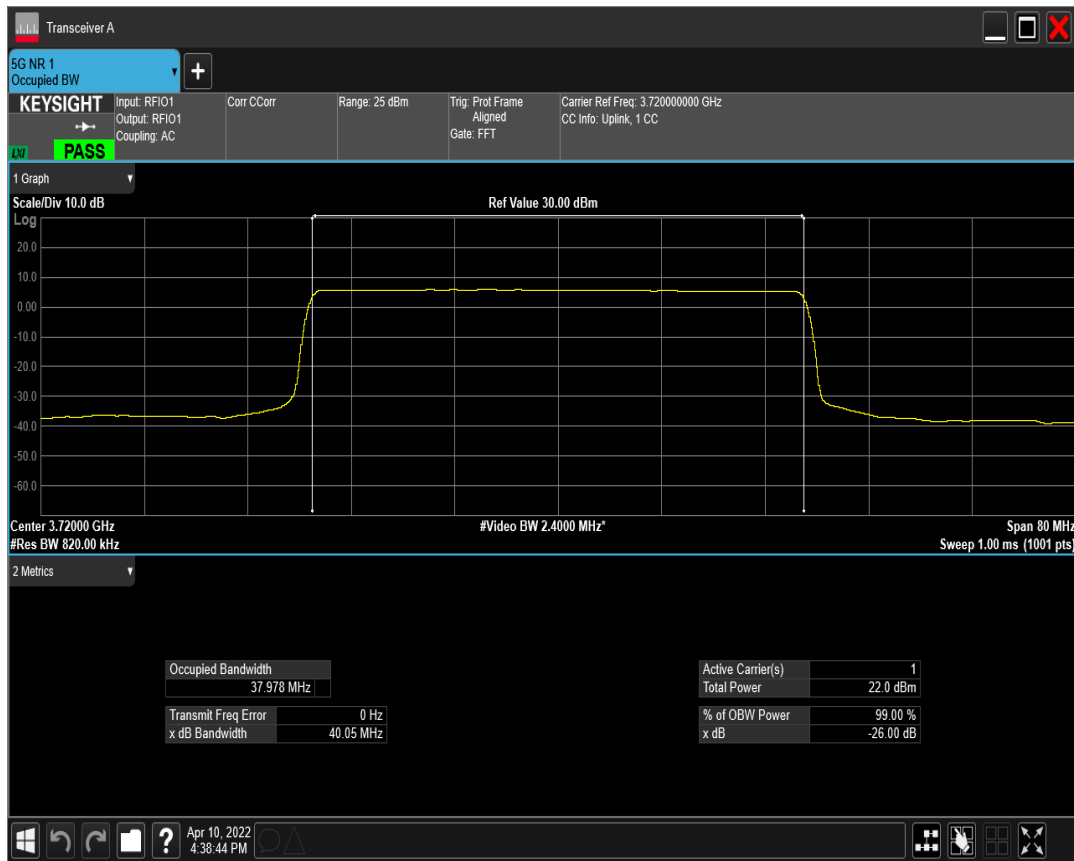
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=648000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=648000 RB=100@0



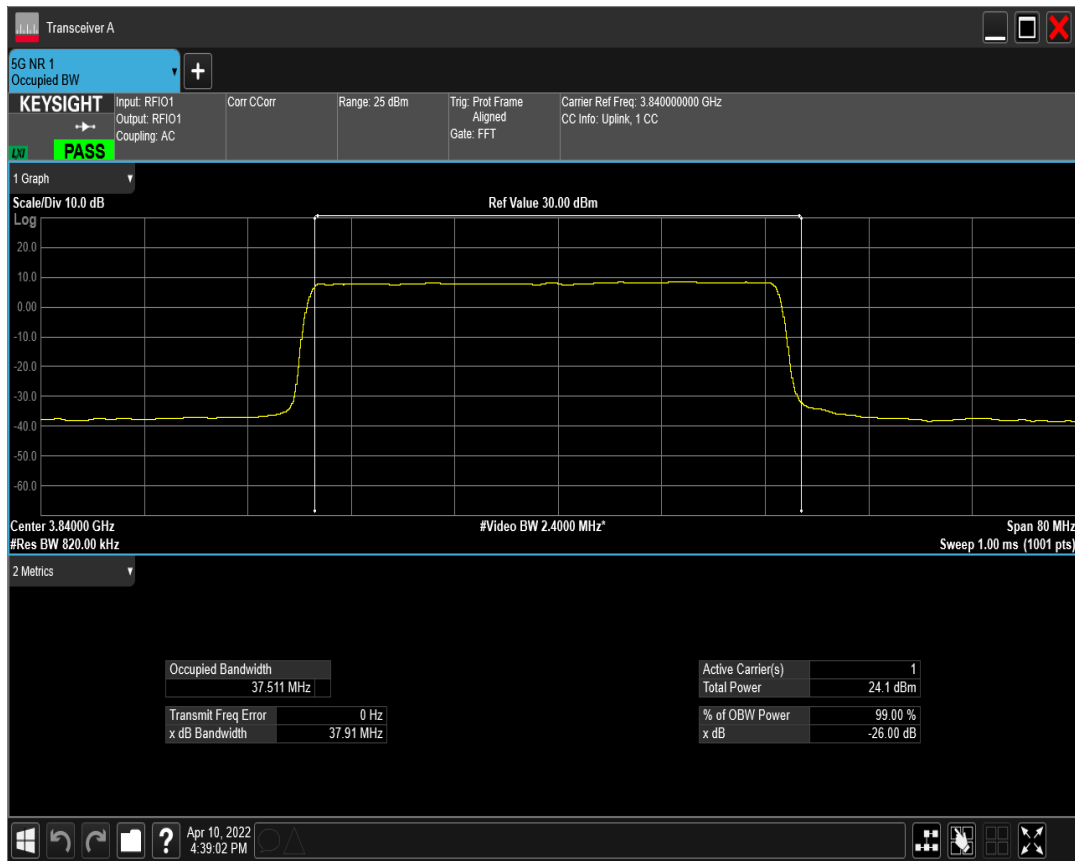
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=648000 RB=106@0



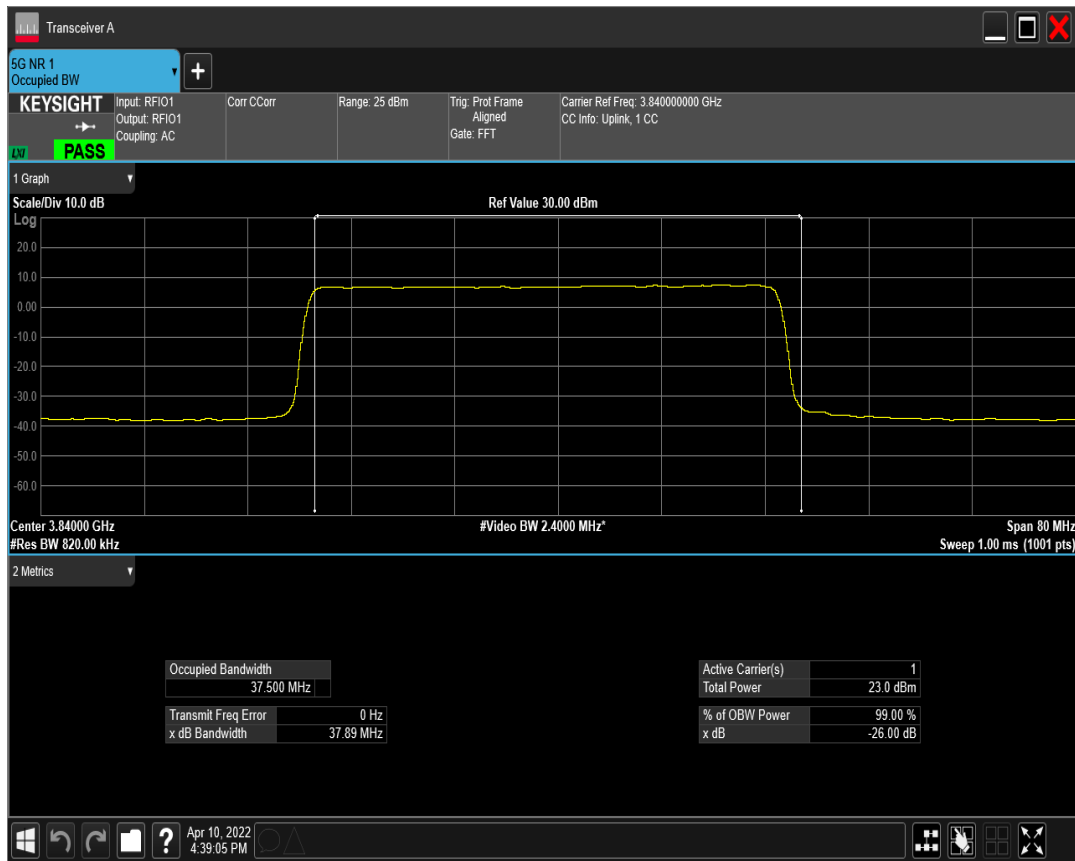
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



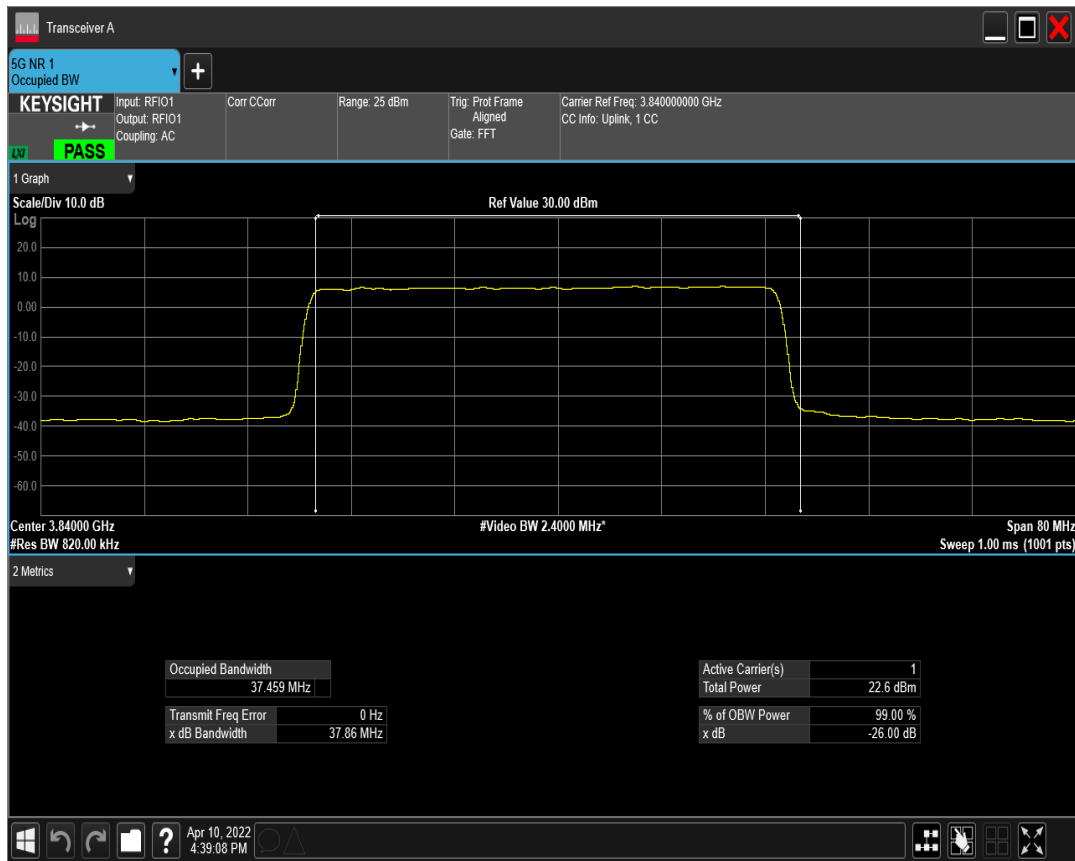
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



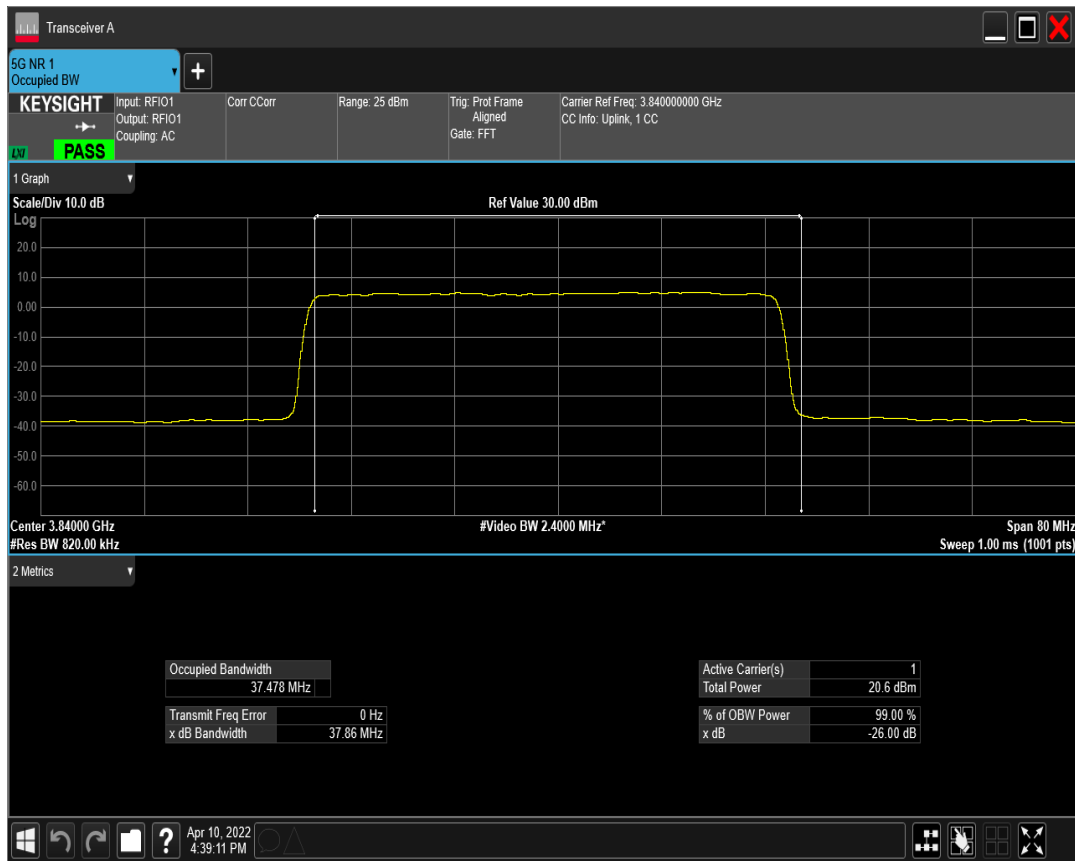
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



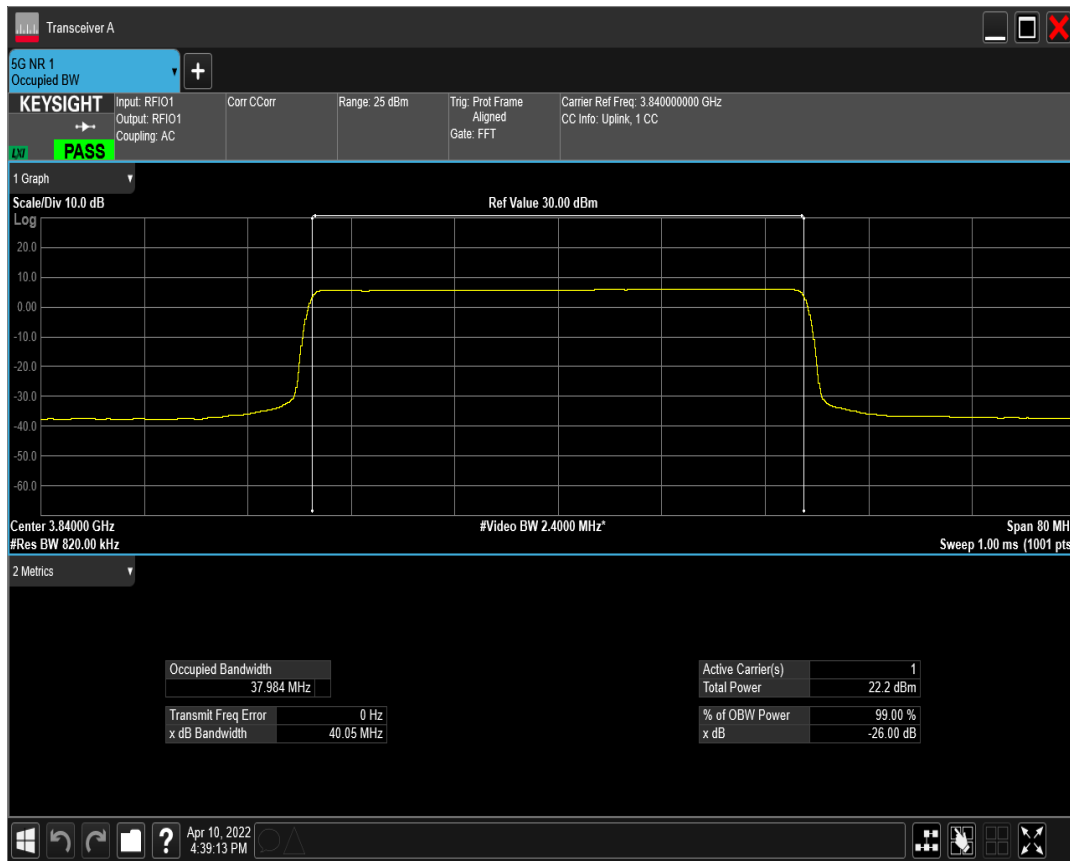
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0



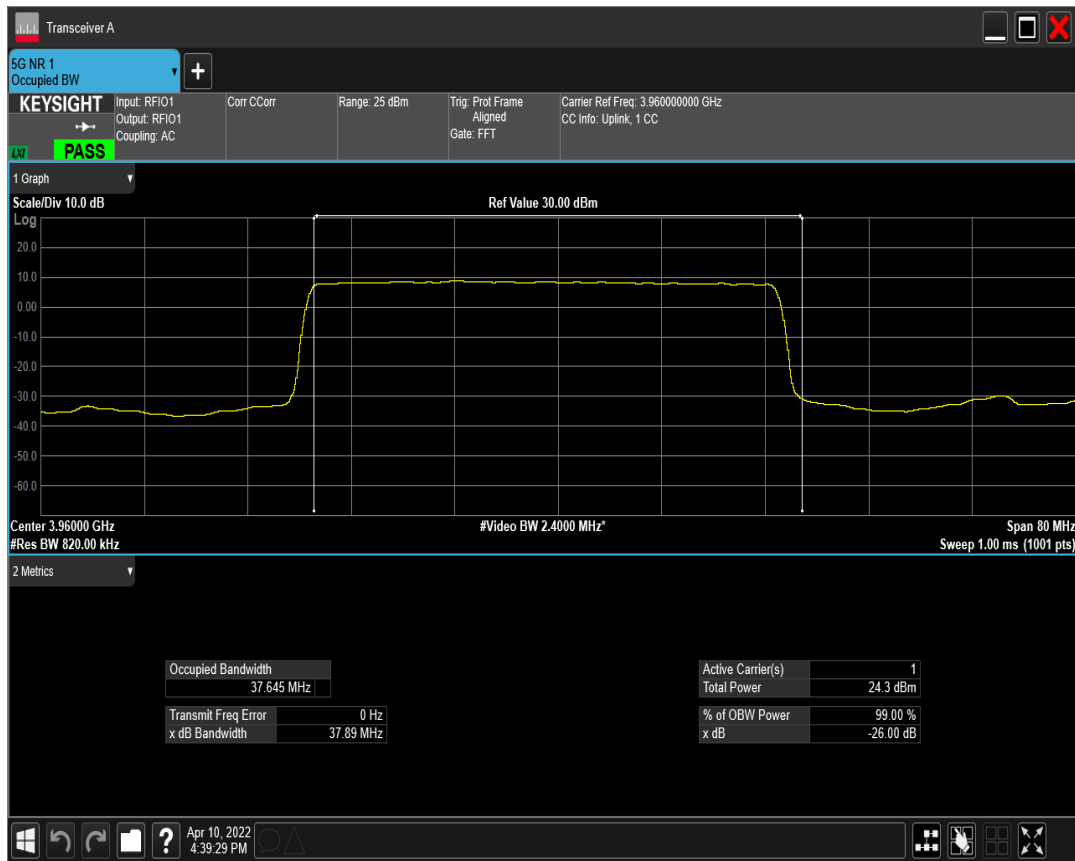
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0



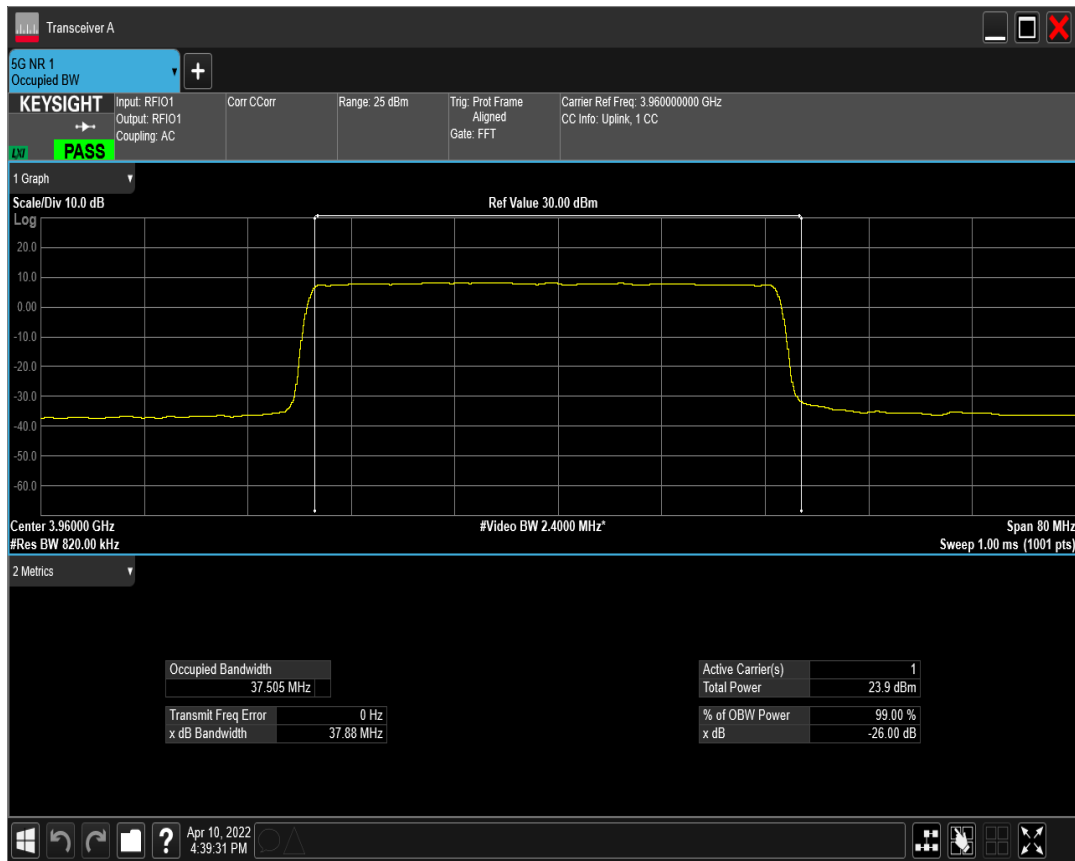
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=656000 RB=106@0



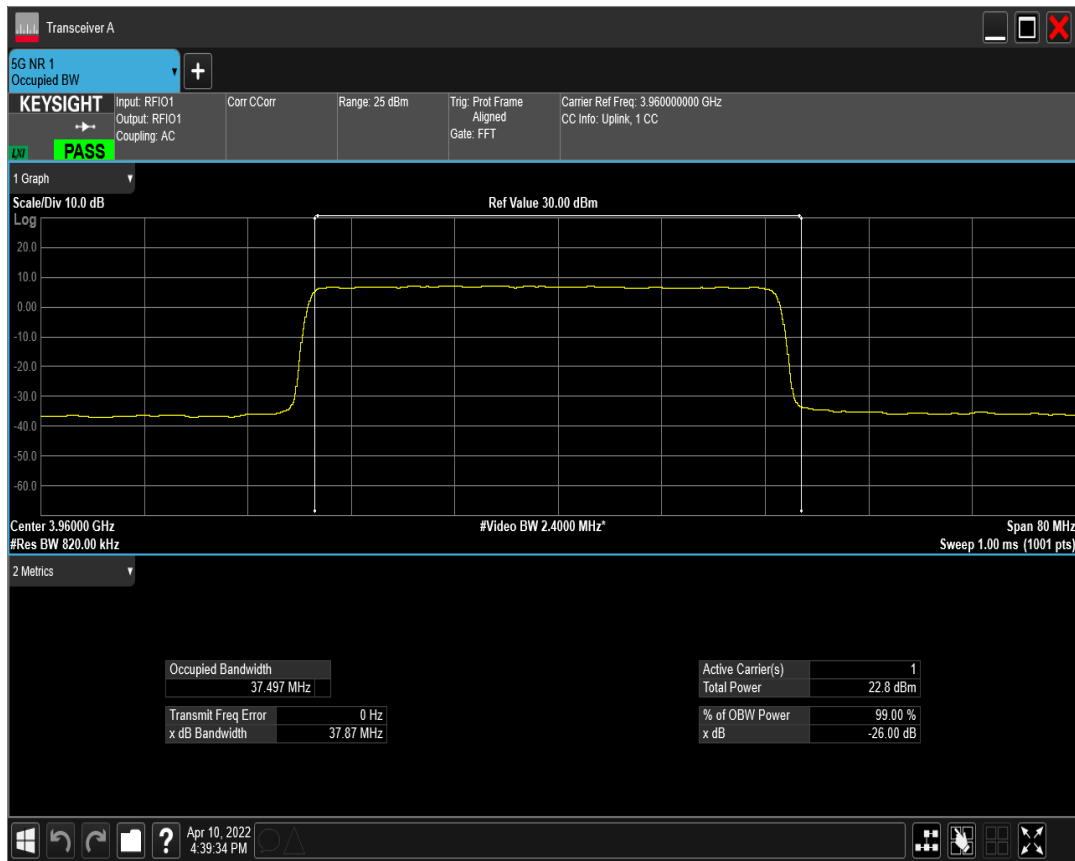
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=664000 RB=100@0



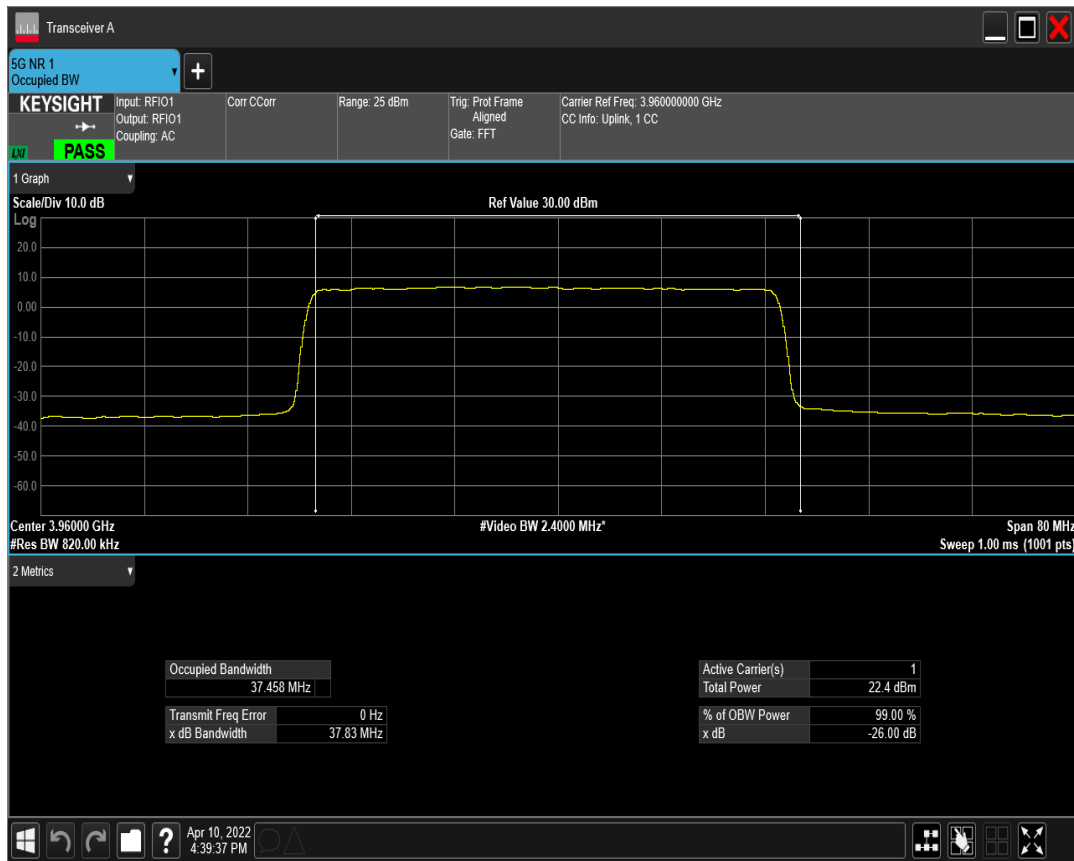
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=664000 RB=100@0



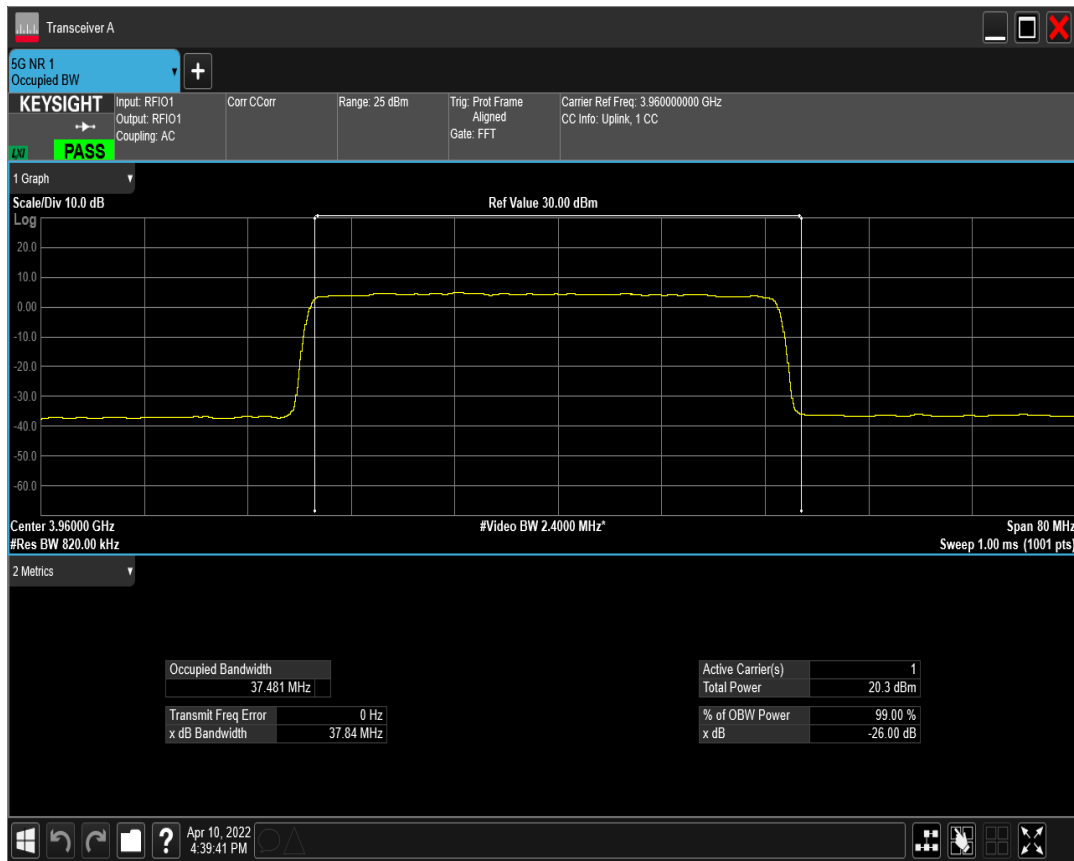
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=664000 RB=100@0



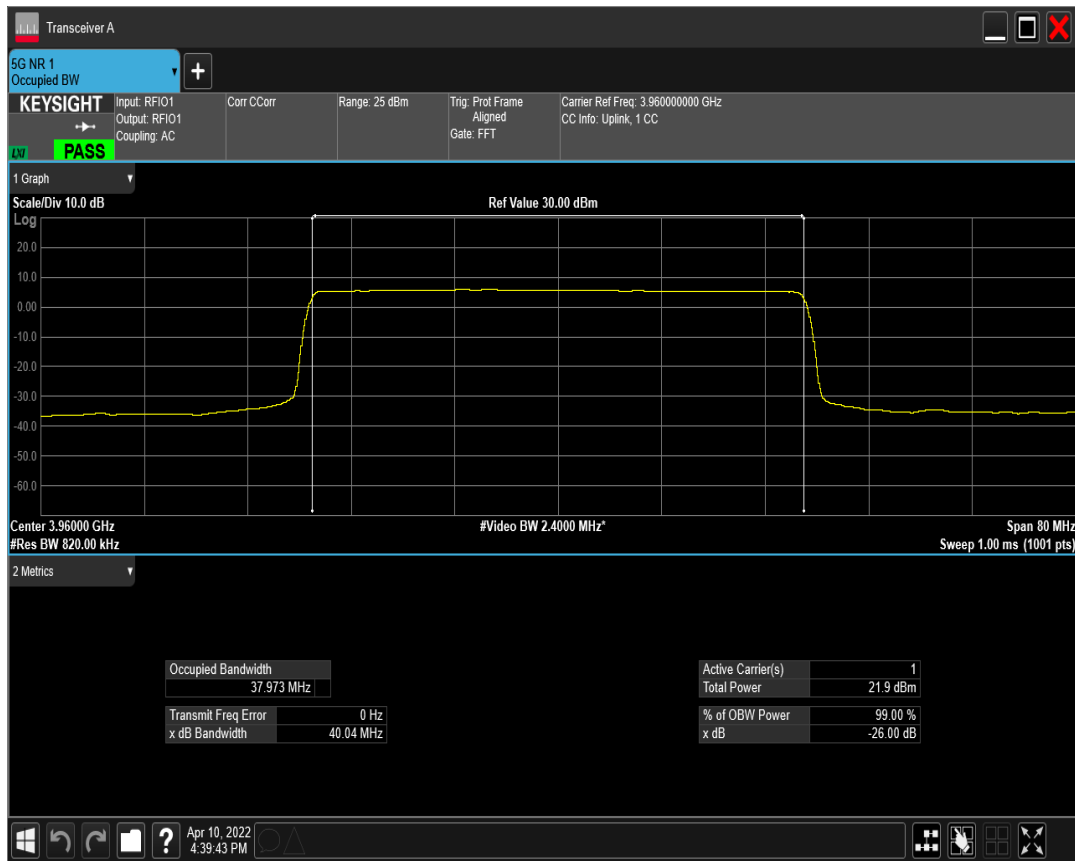
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=664000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=664000 RB=100@0



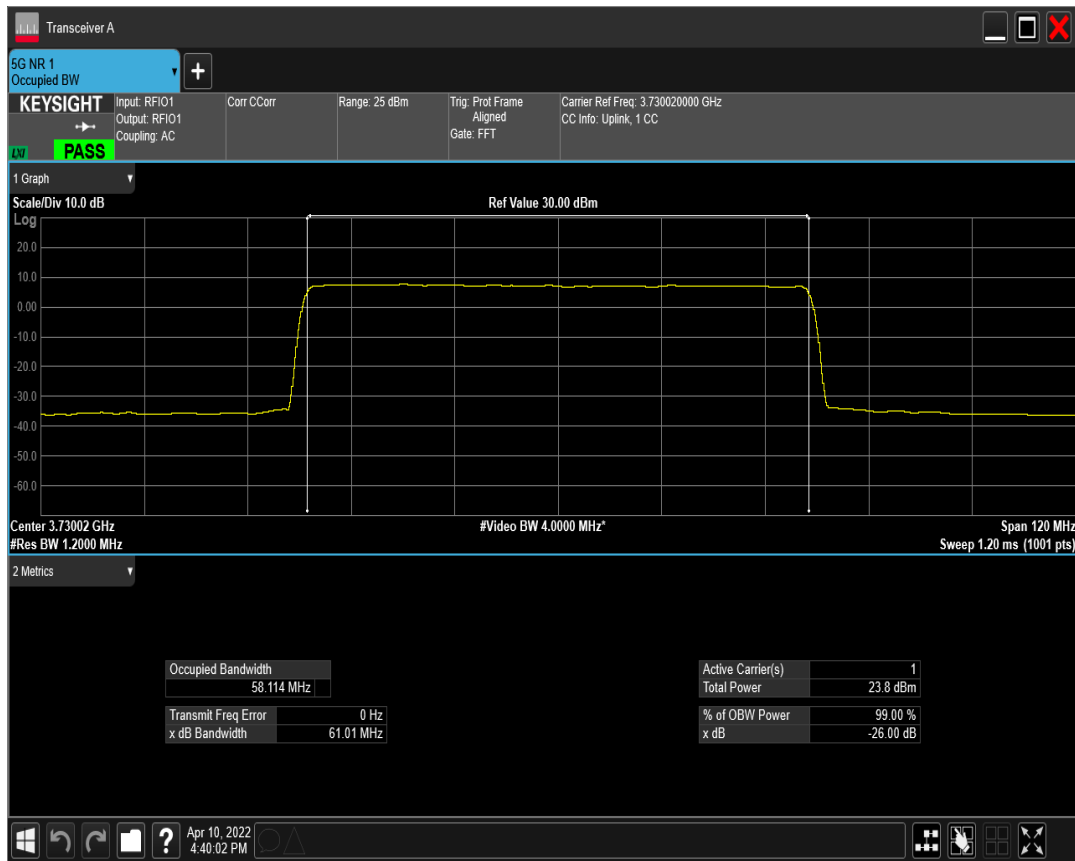
n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=664000 RB=106@0



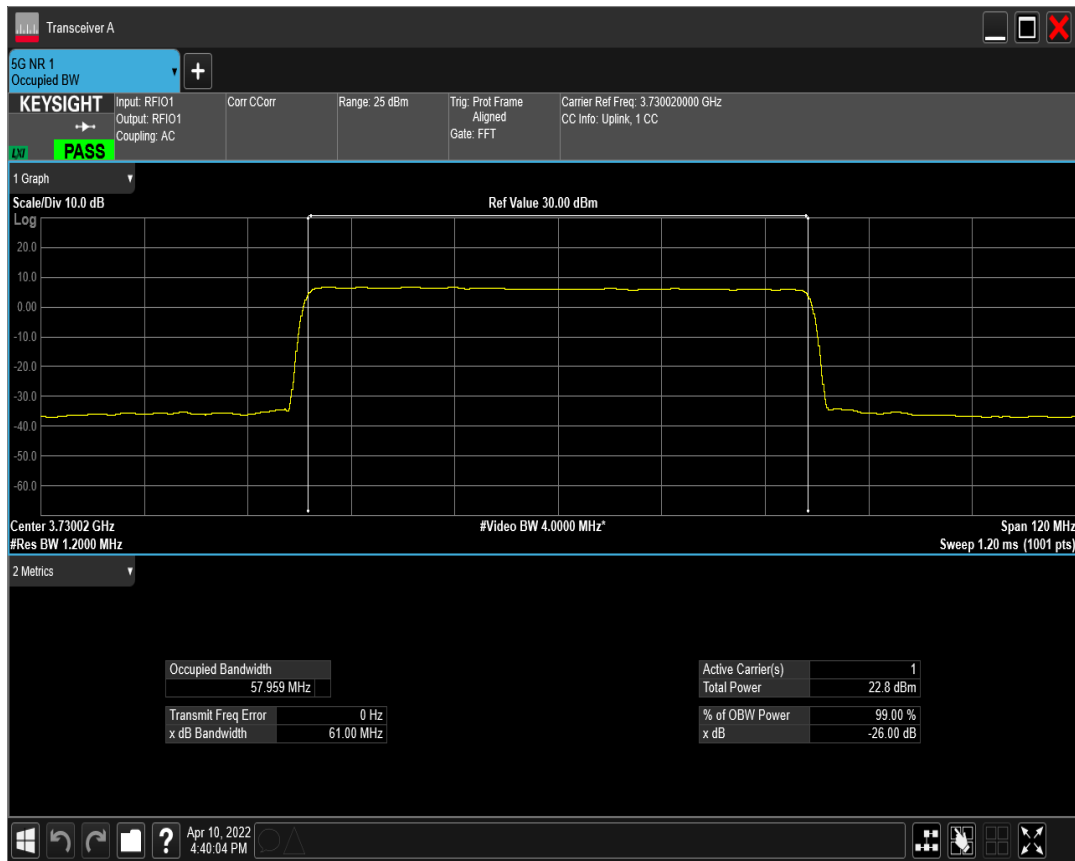
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=648668 RB=162@0



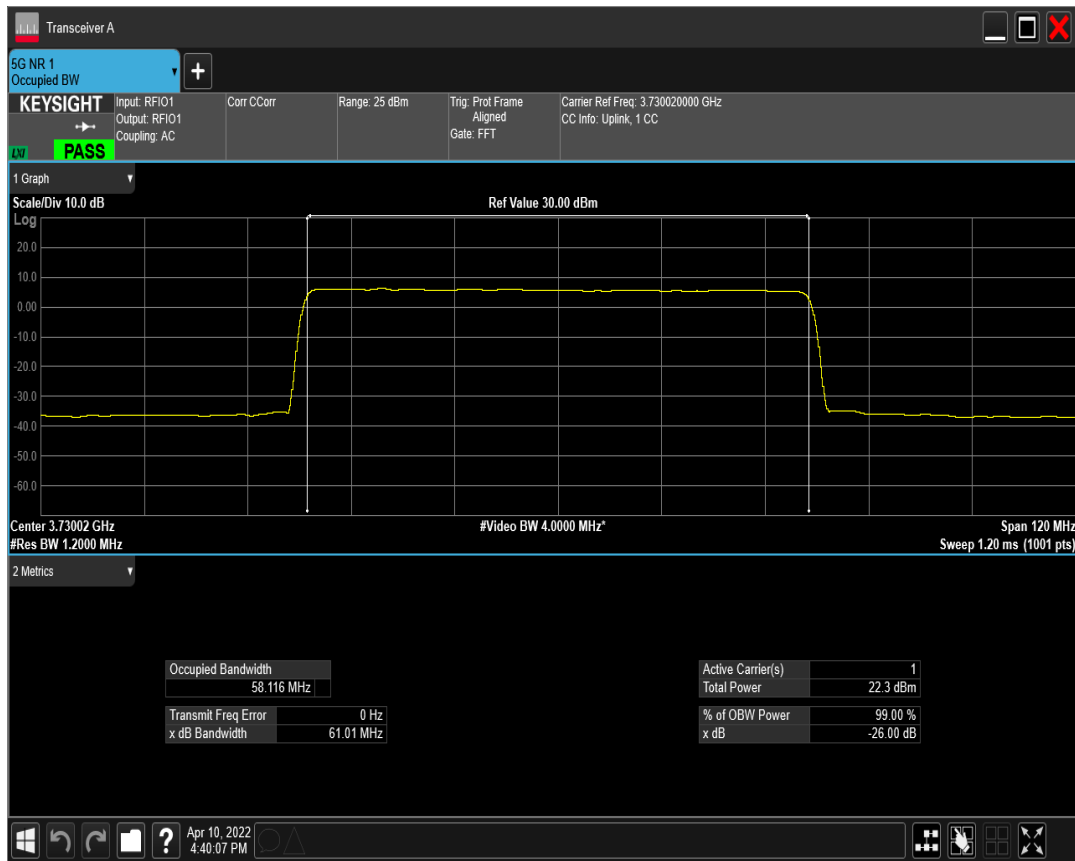
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=648668 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=648668 RB=162@0



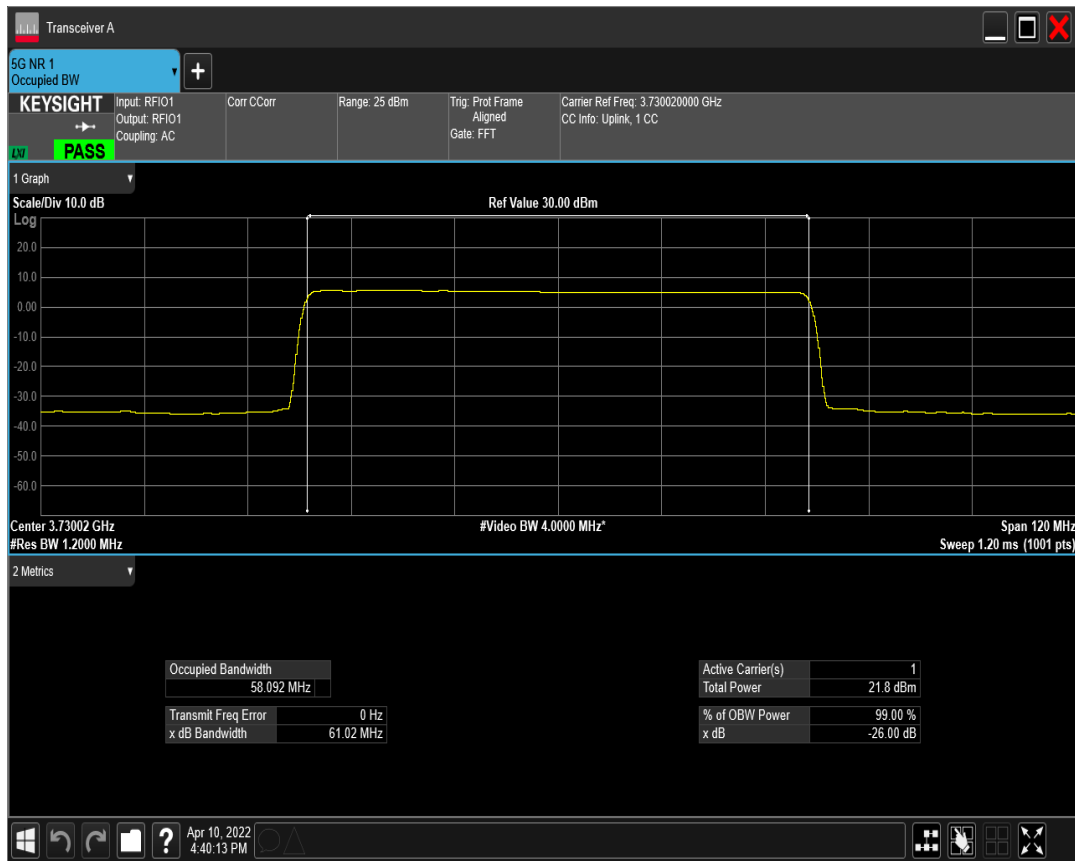
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=648668 RB=162@0



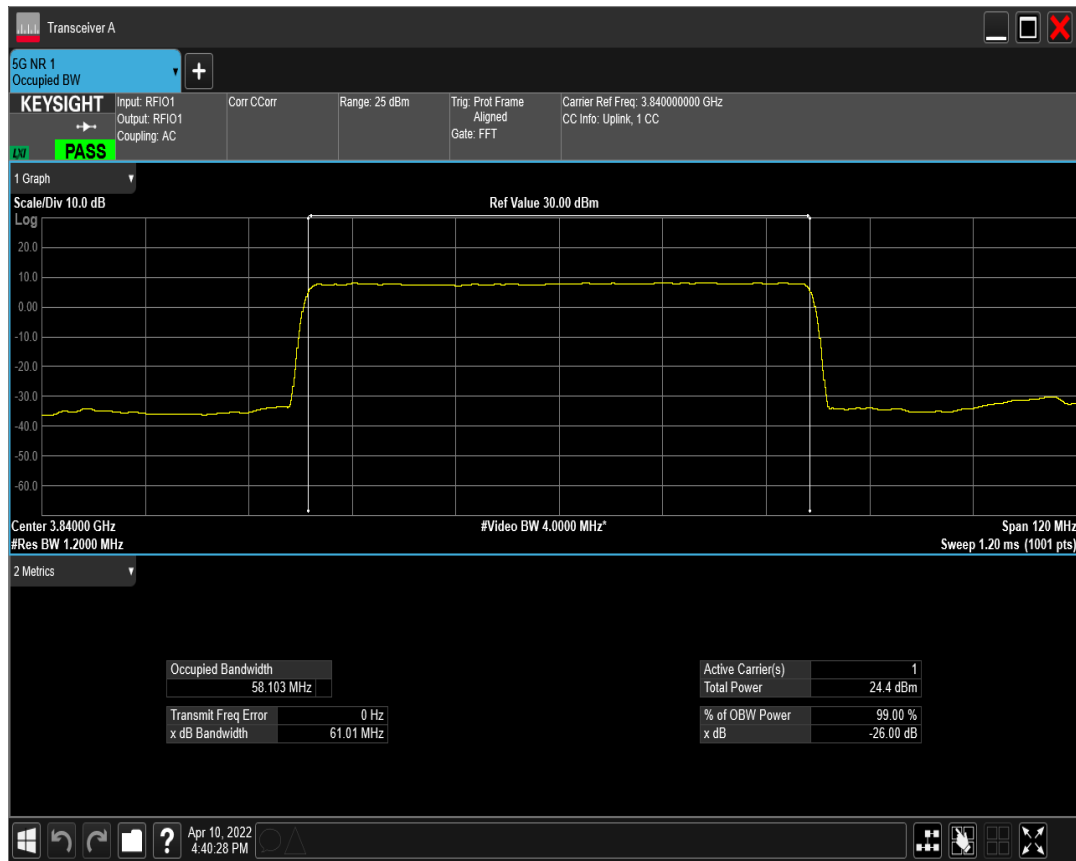
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=648668 RB=162@0



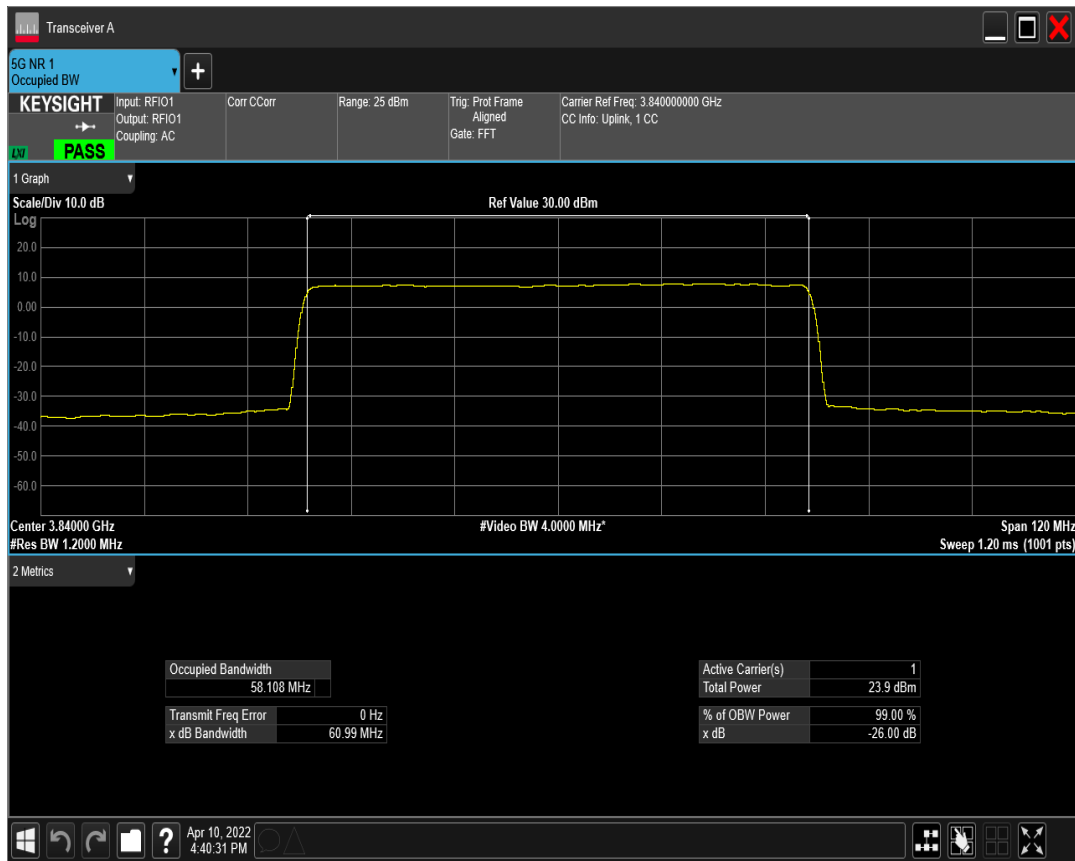
n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz Channel=648668 RB=162@0



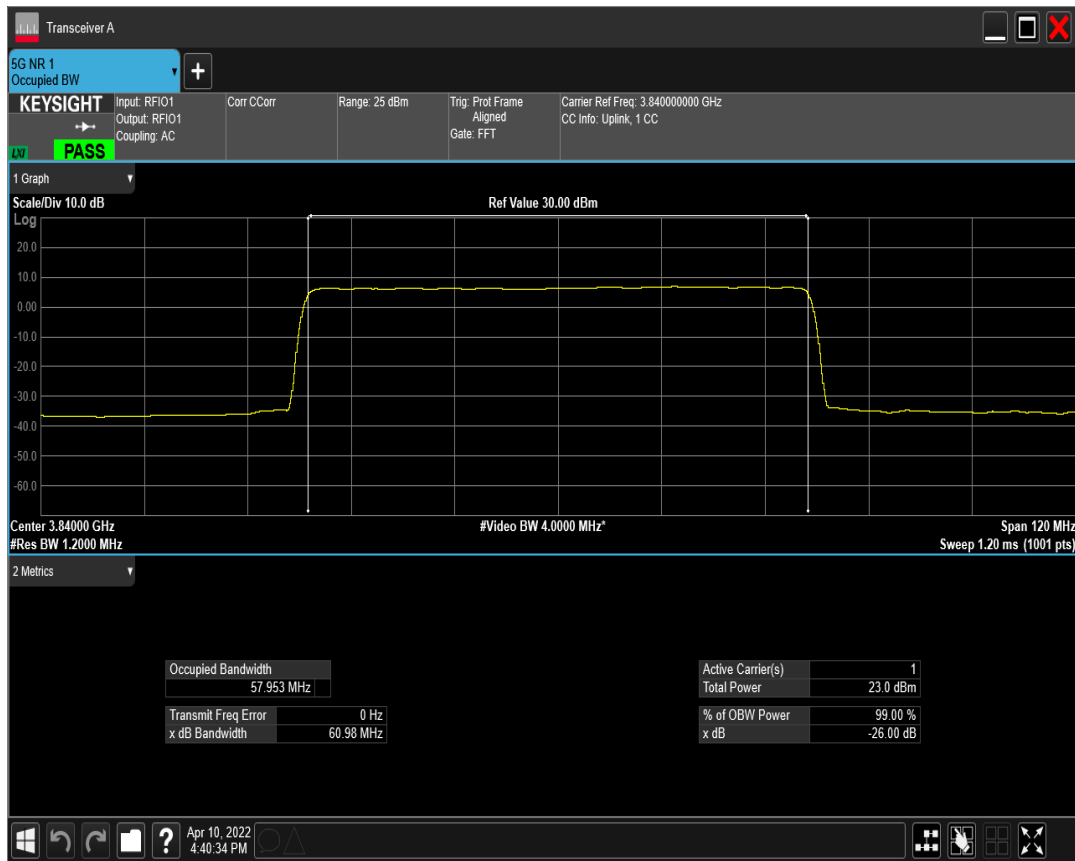
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



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



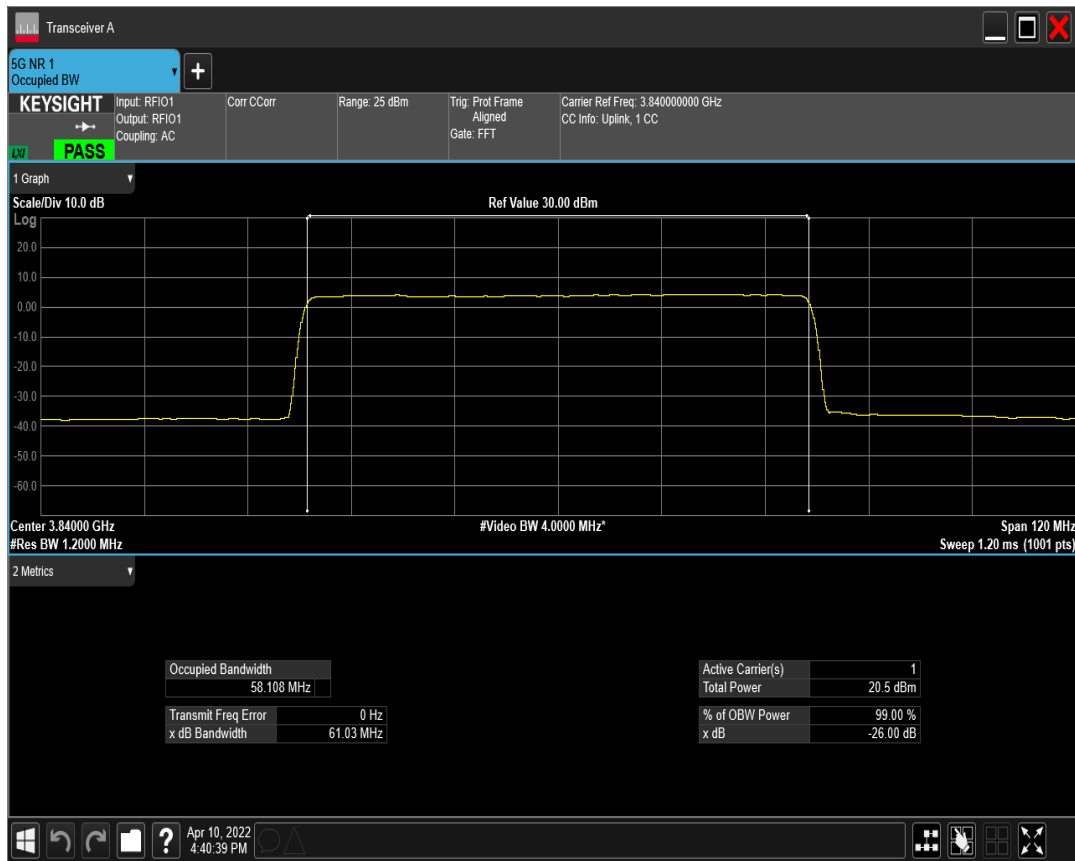
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



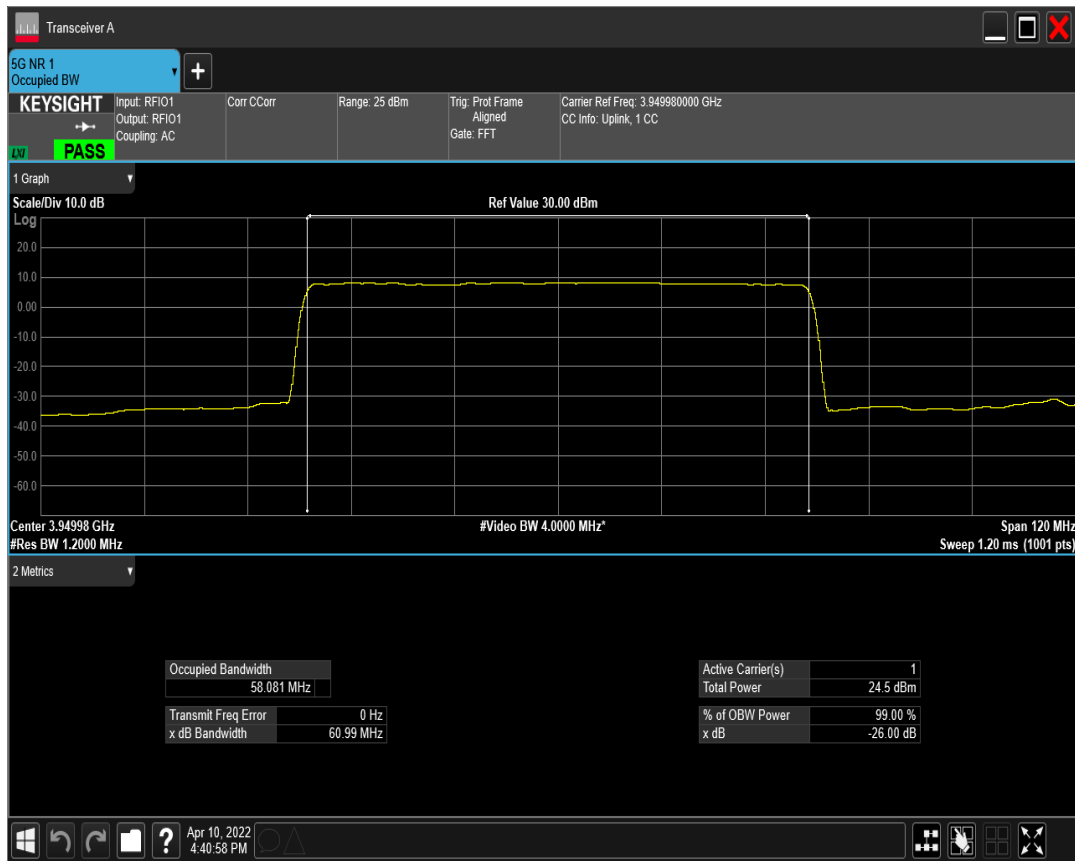
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



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



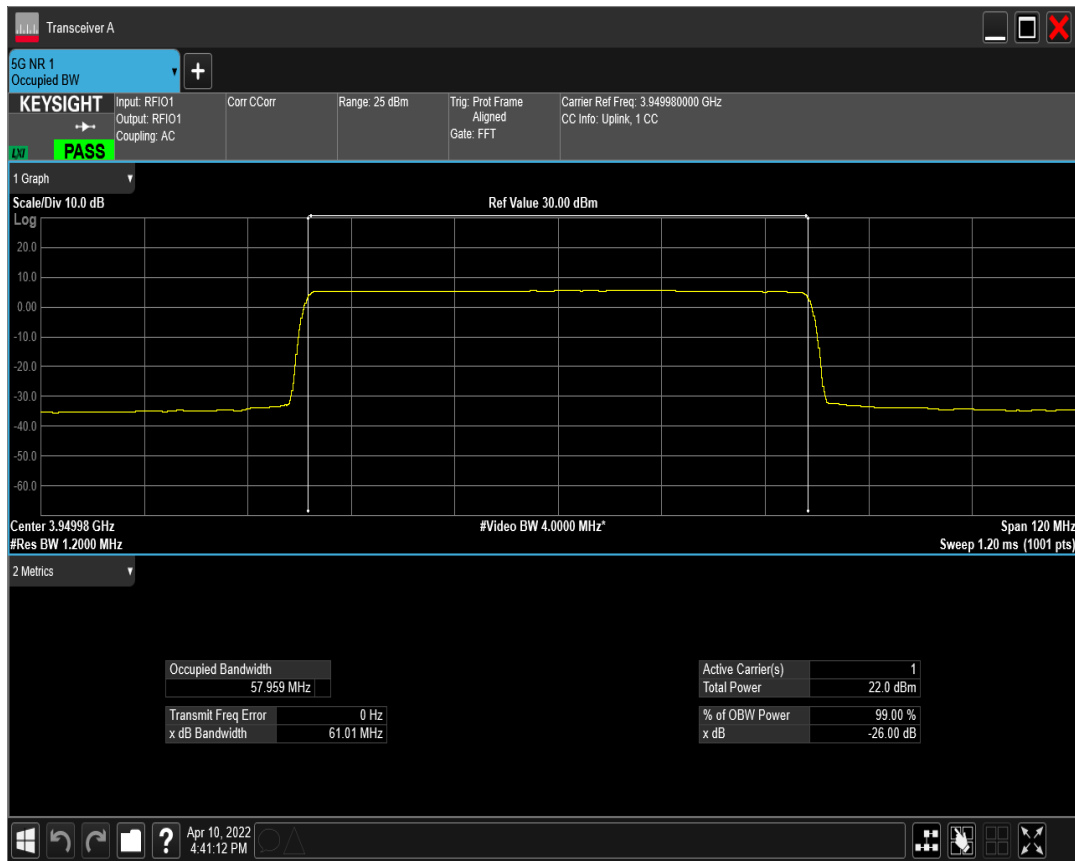
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=663332 RB=162@0



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



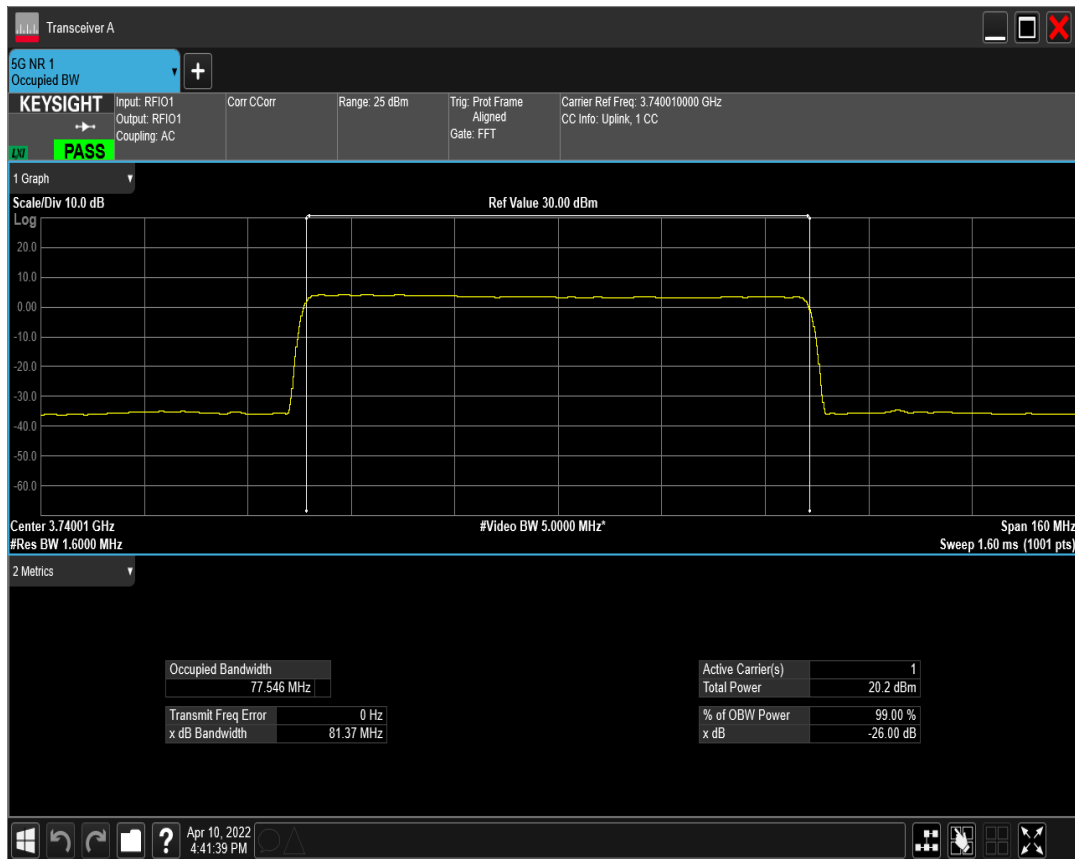
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=649334 RB=216@0



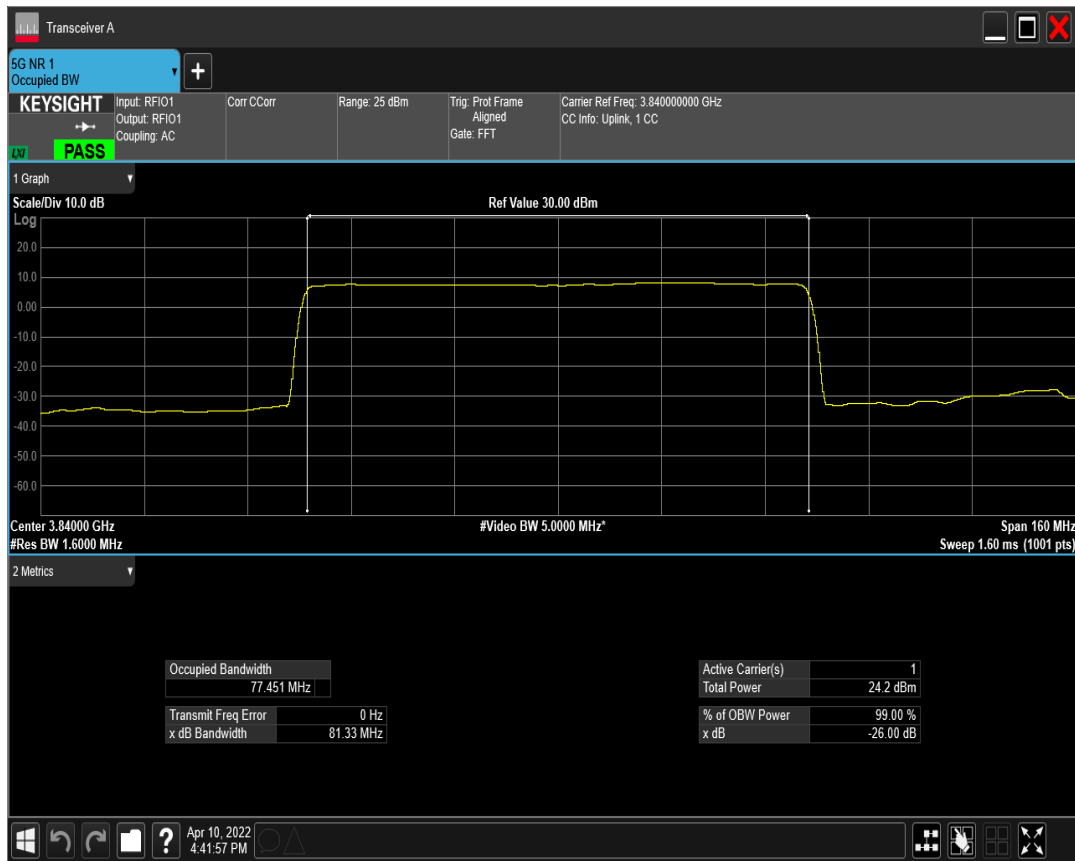
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=649334 RB=216@0



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



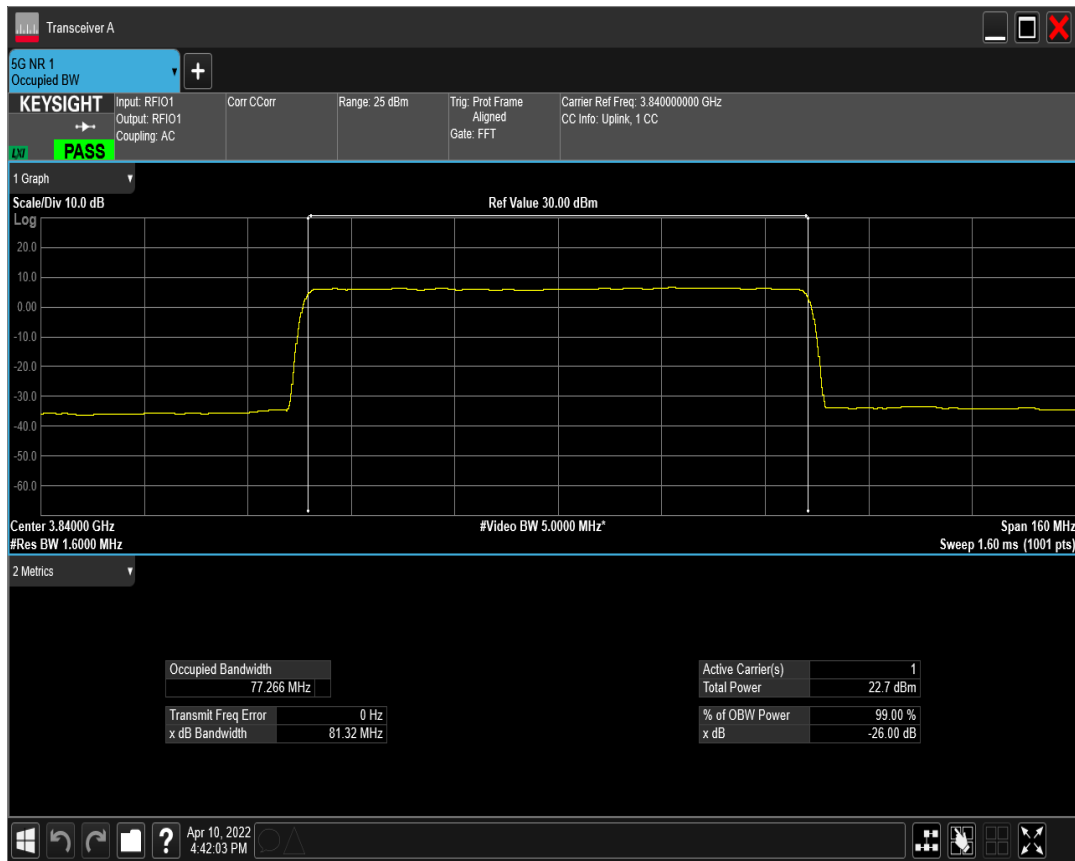
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



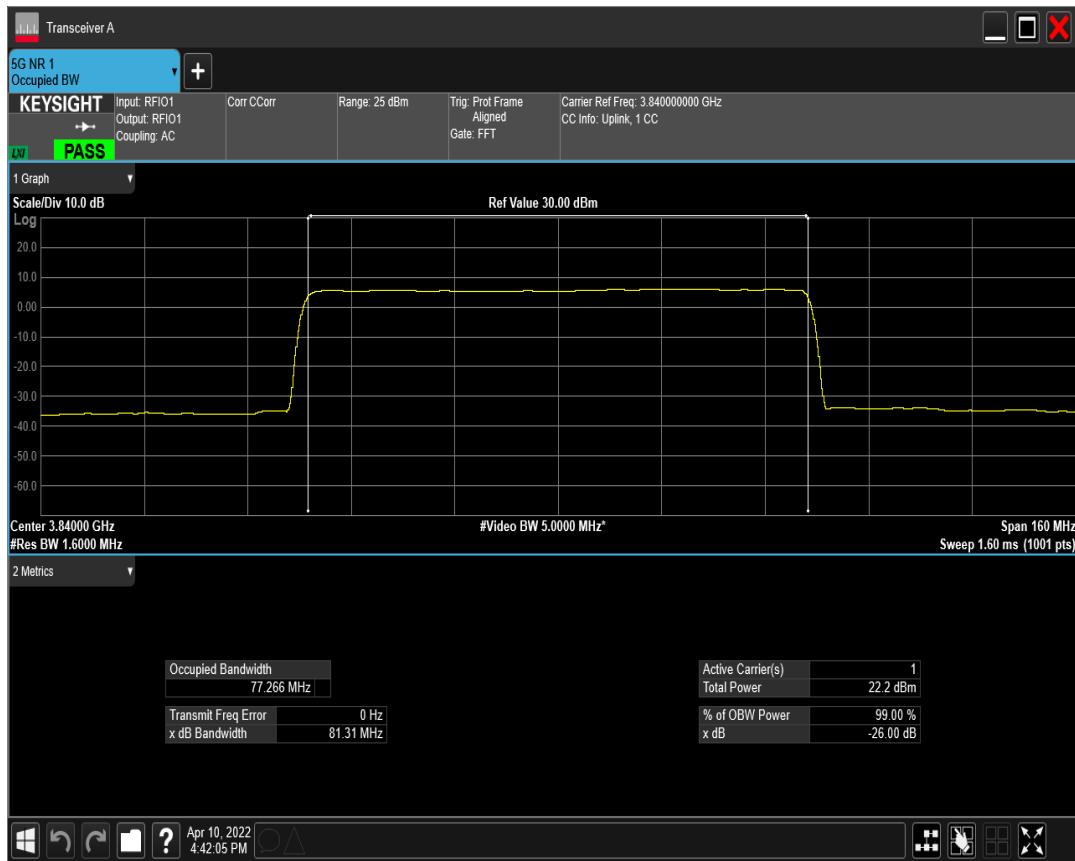
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



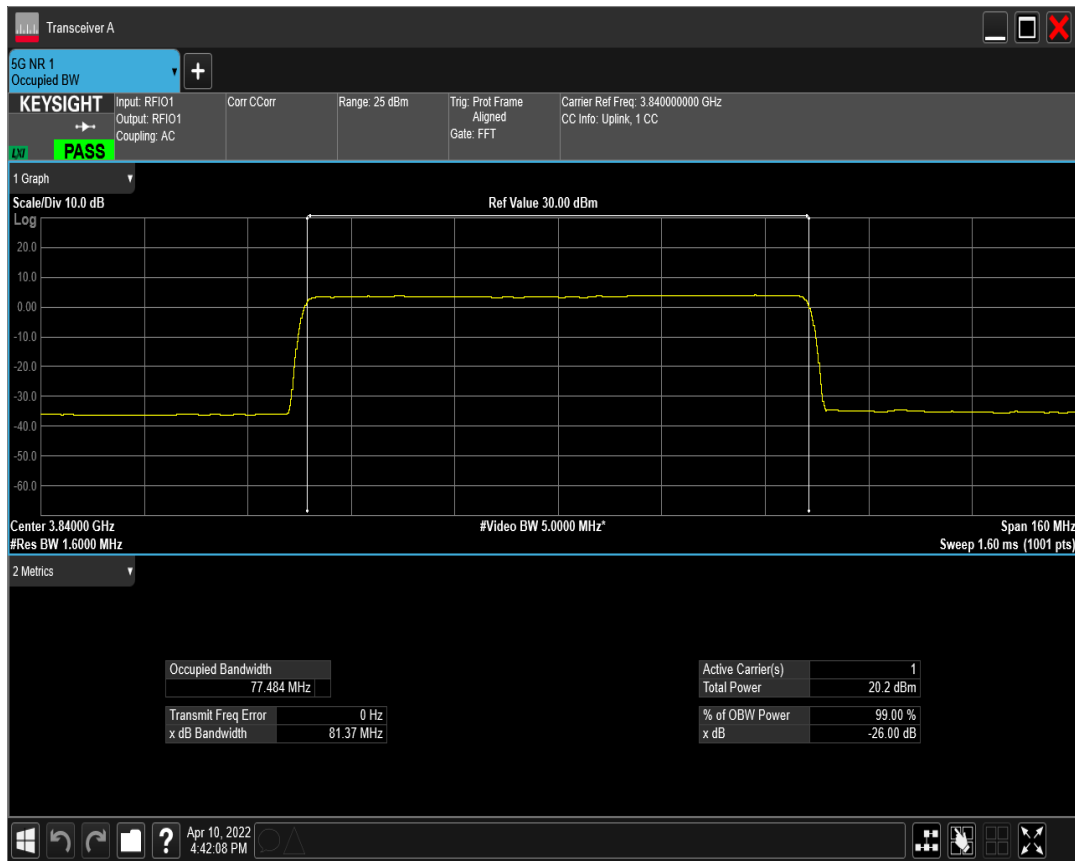
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



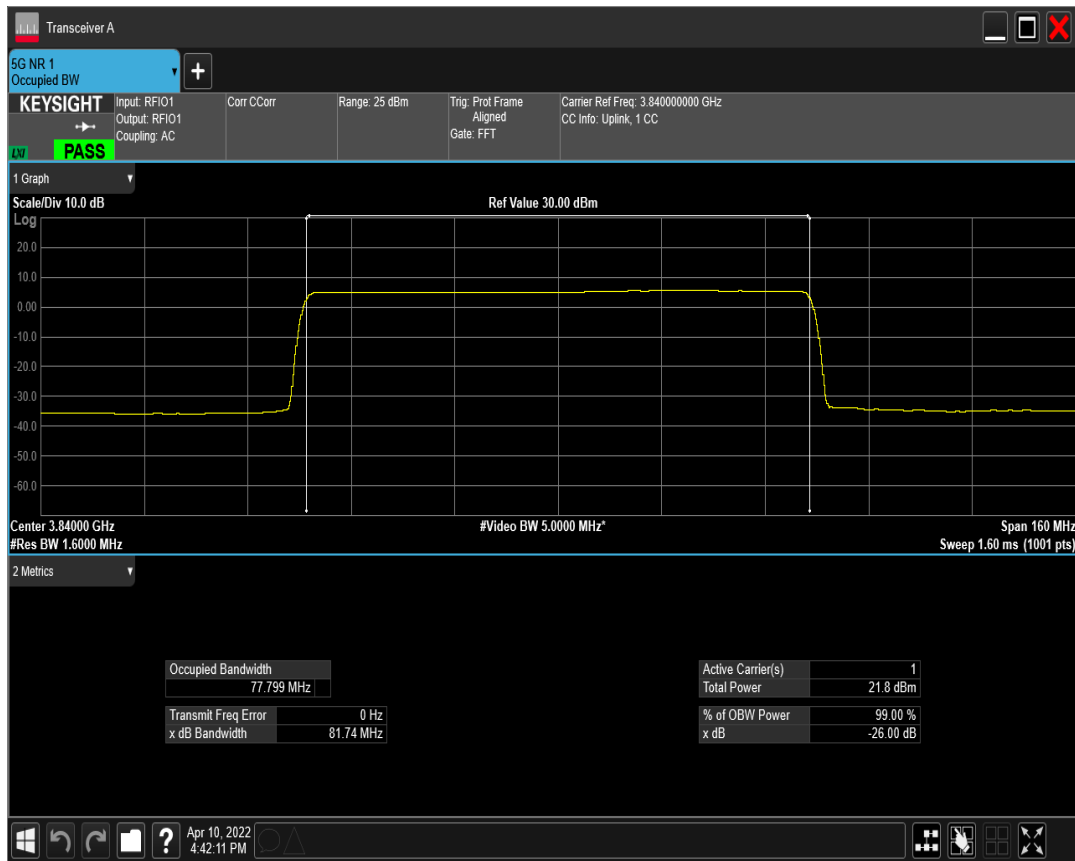
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



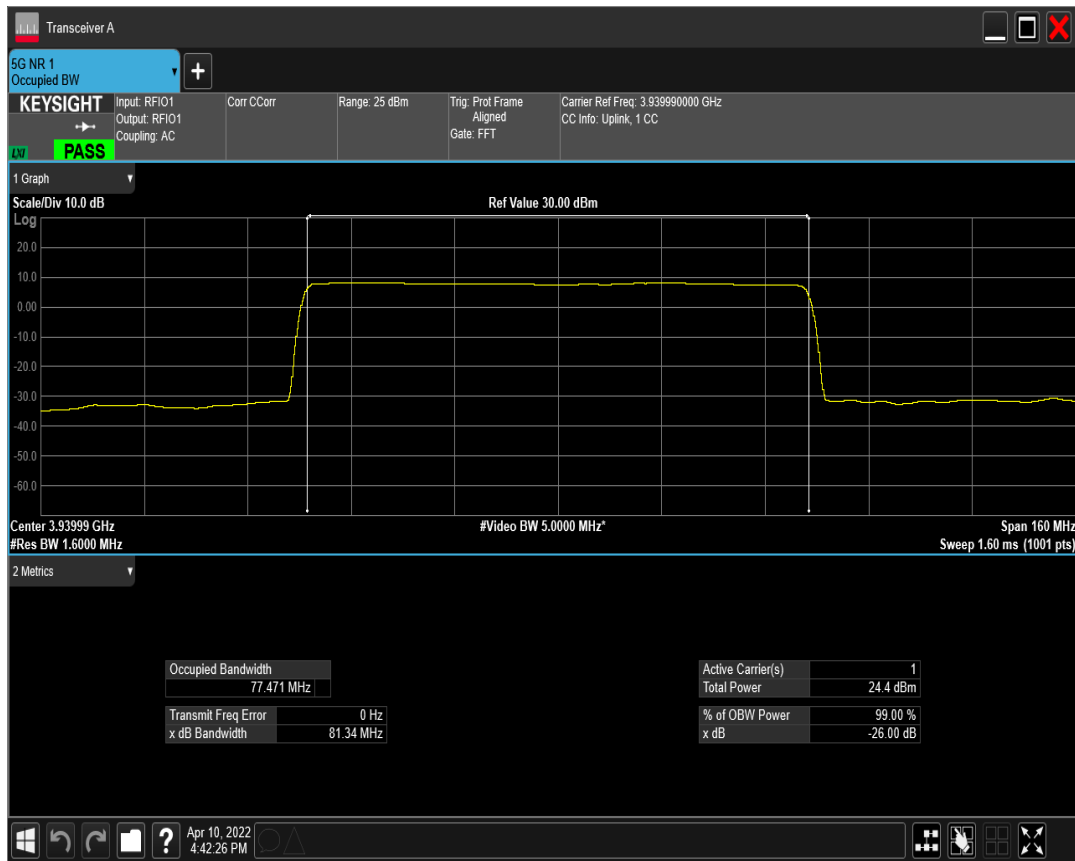
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



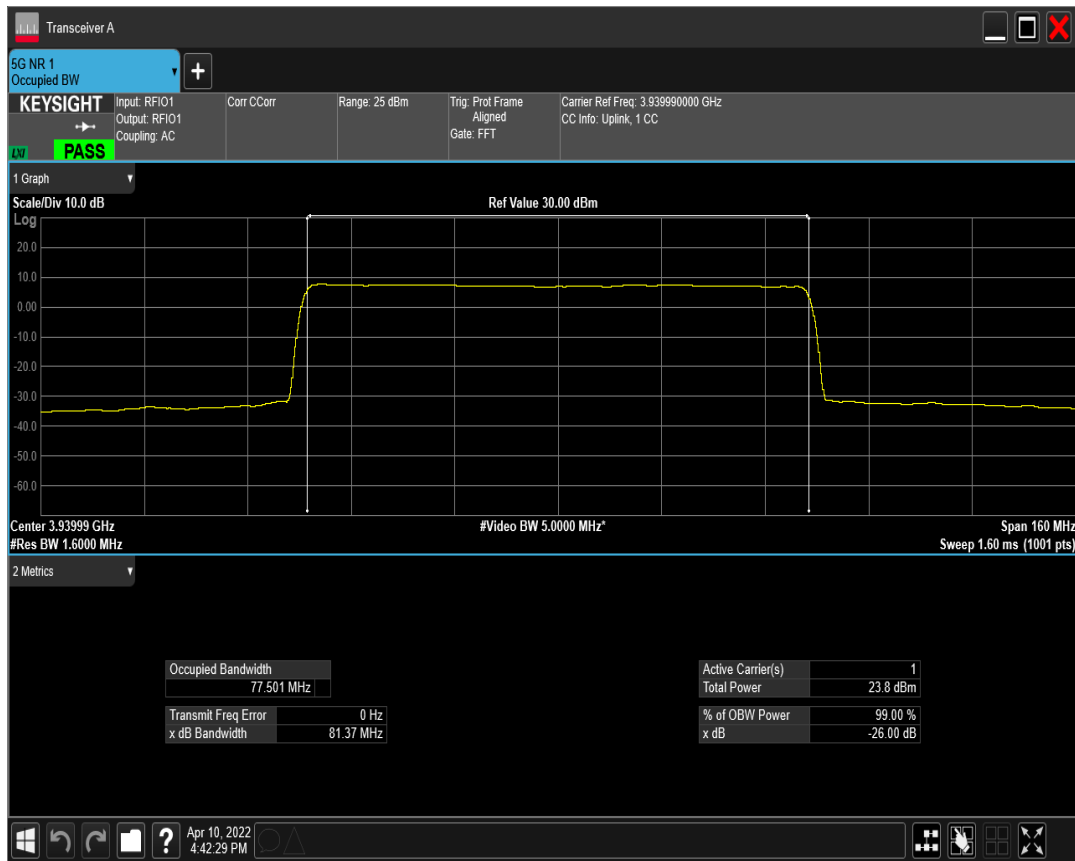
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz Channel=656000 RB=217@0



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



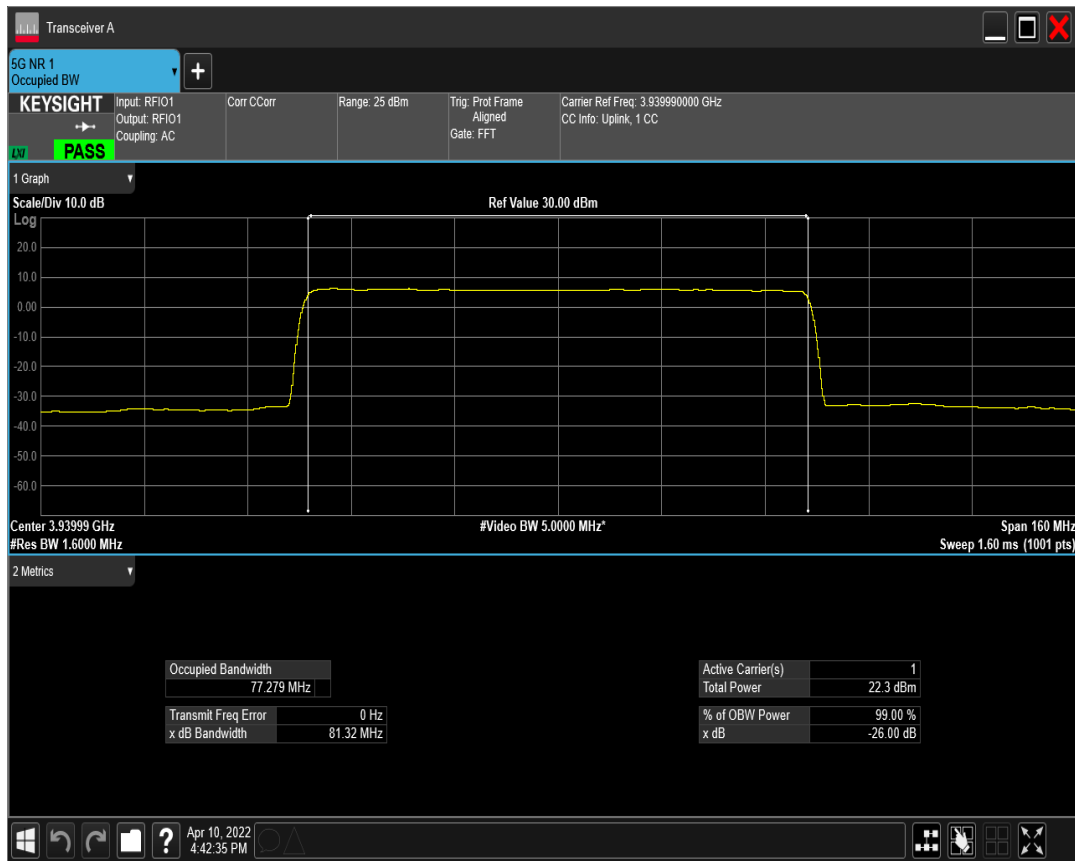
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=662666 RB=216@0



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



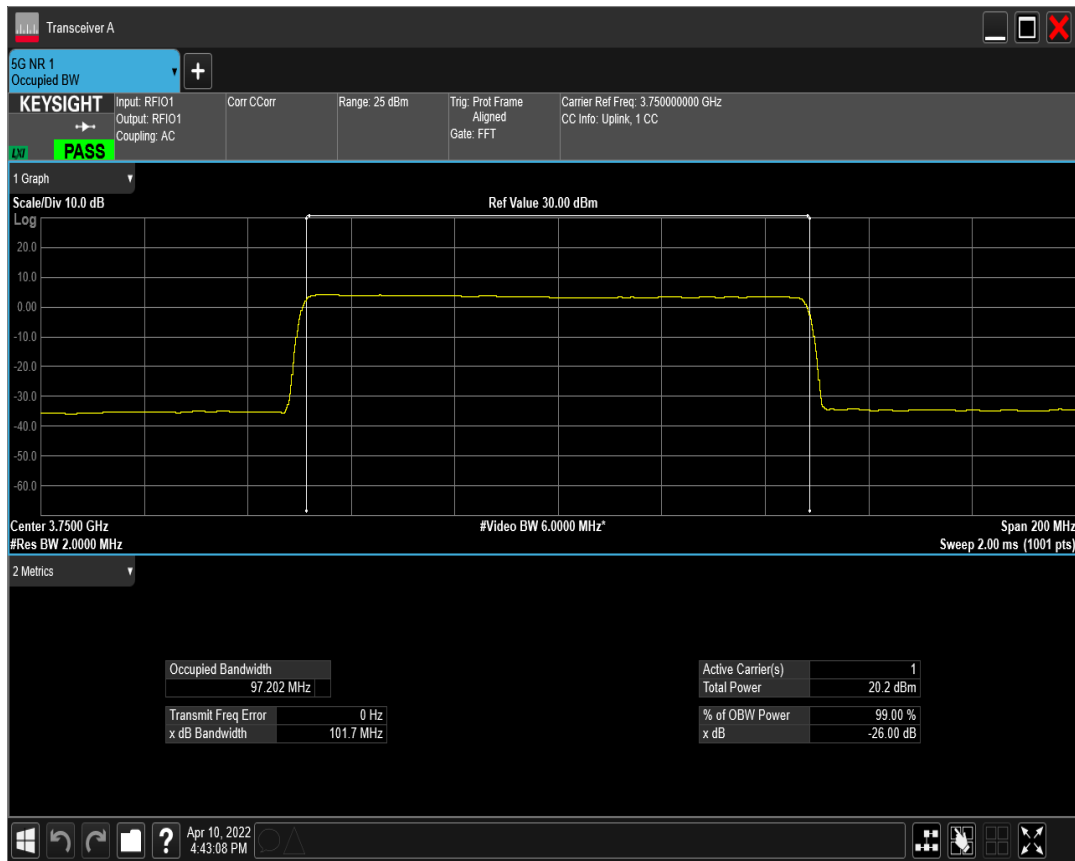
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=650000 RB=270@0



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



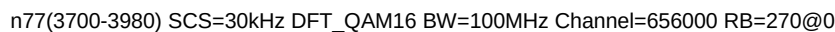
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



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

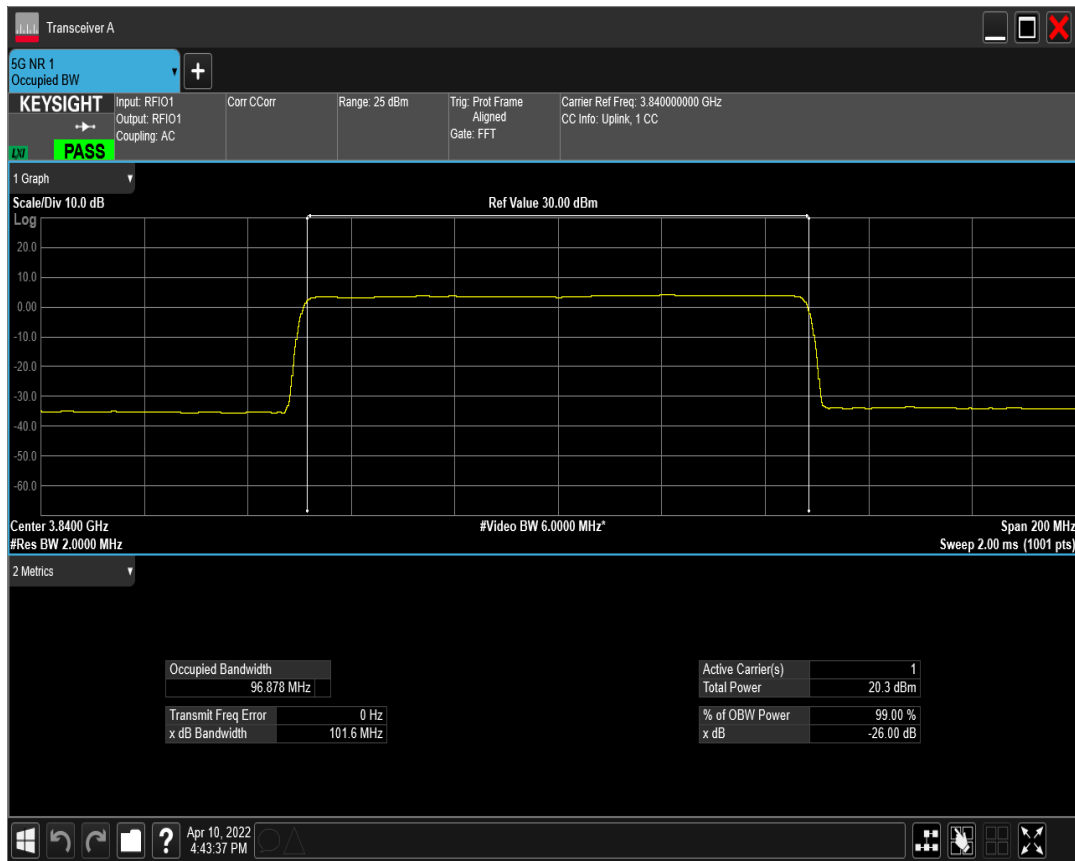




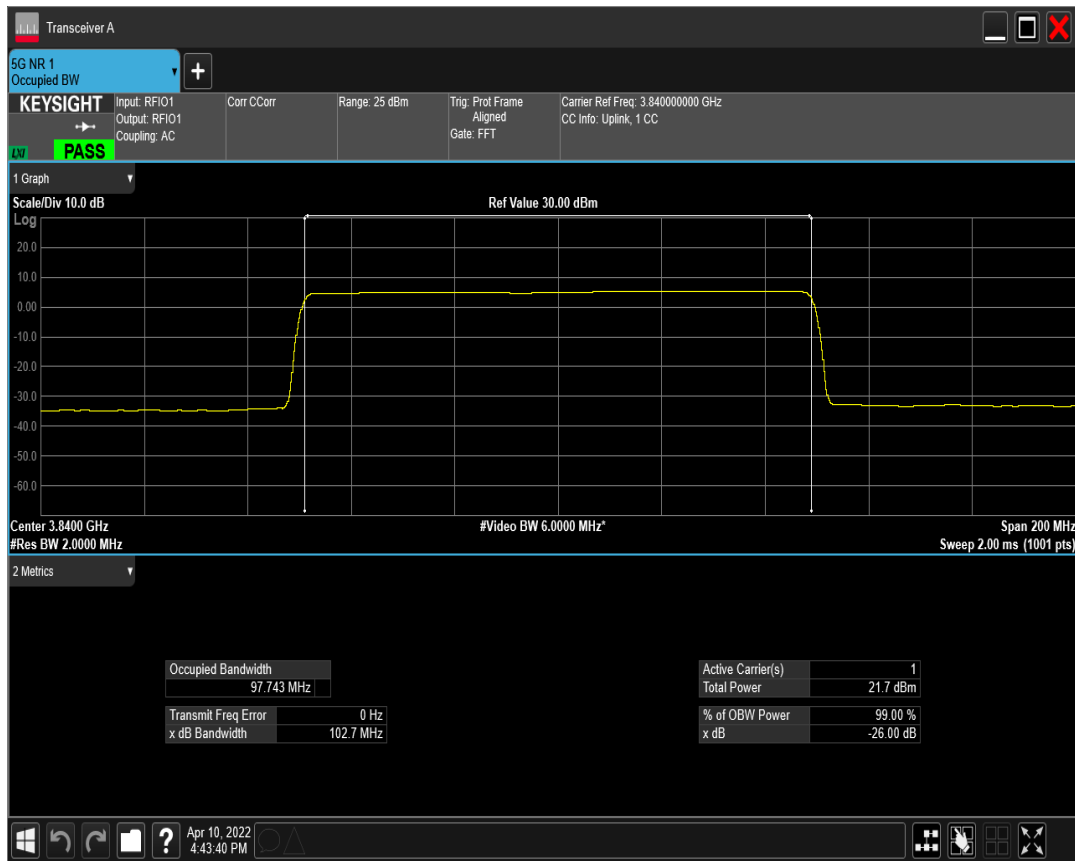
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



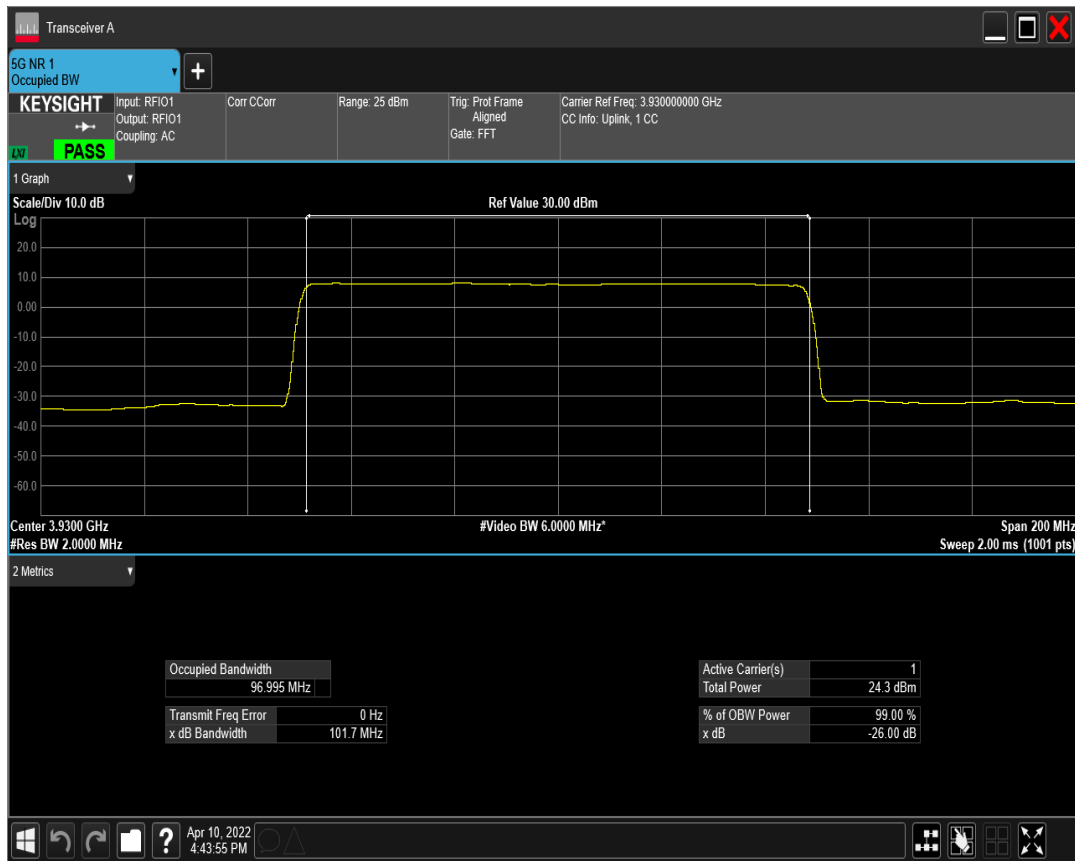
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@0



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



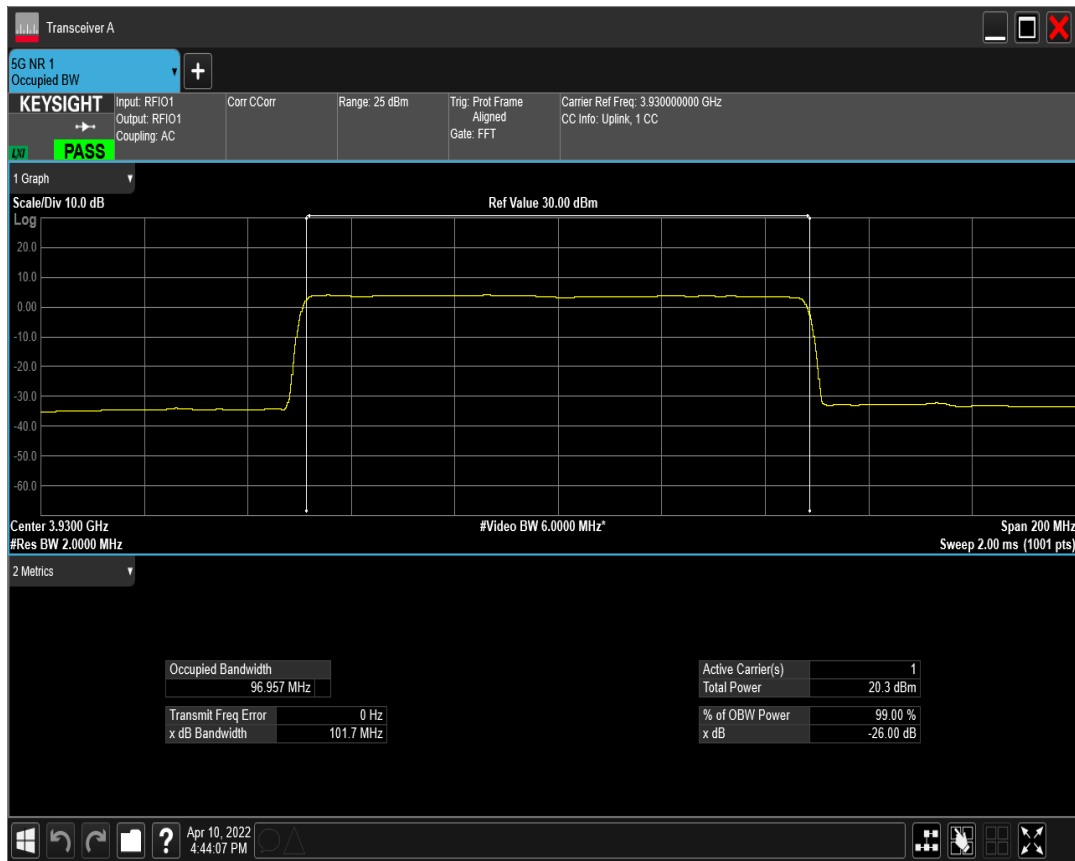
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=662000 RB=270@0



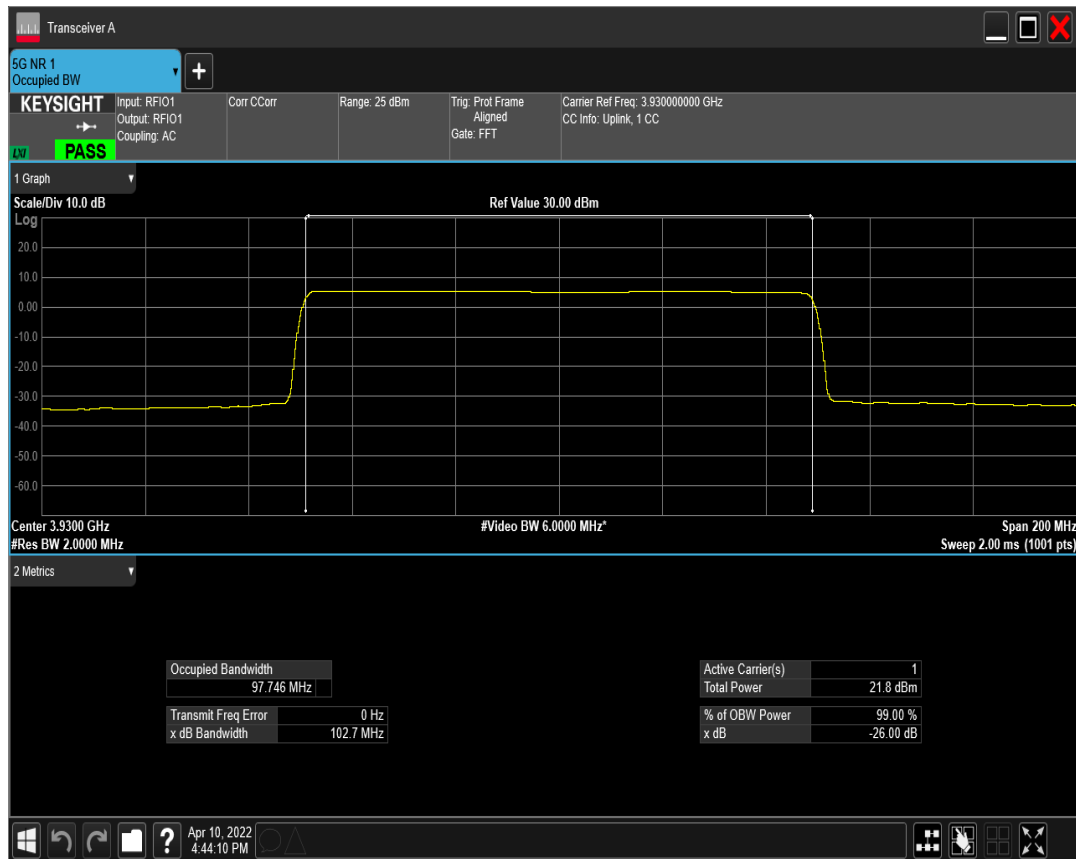
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=662000 RB=270@0



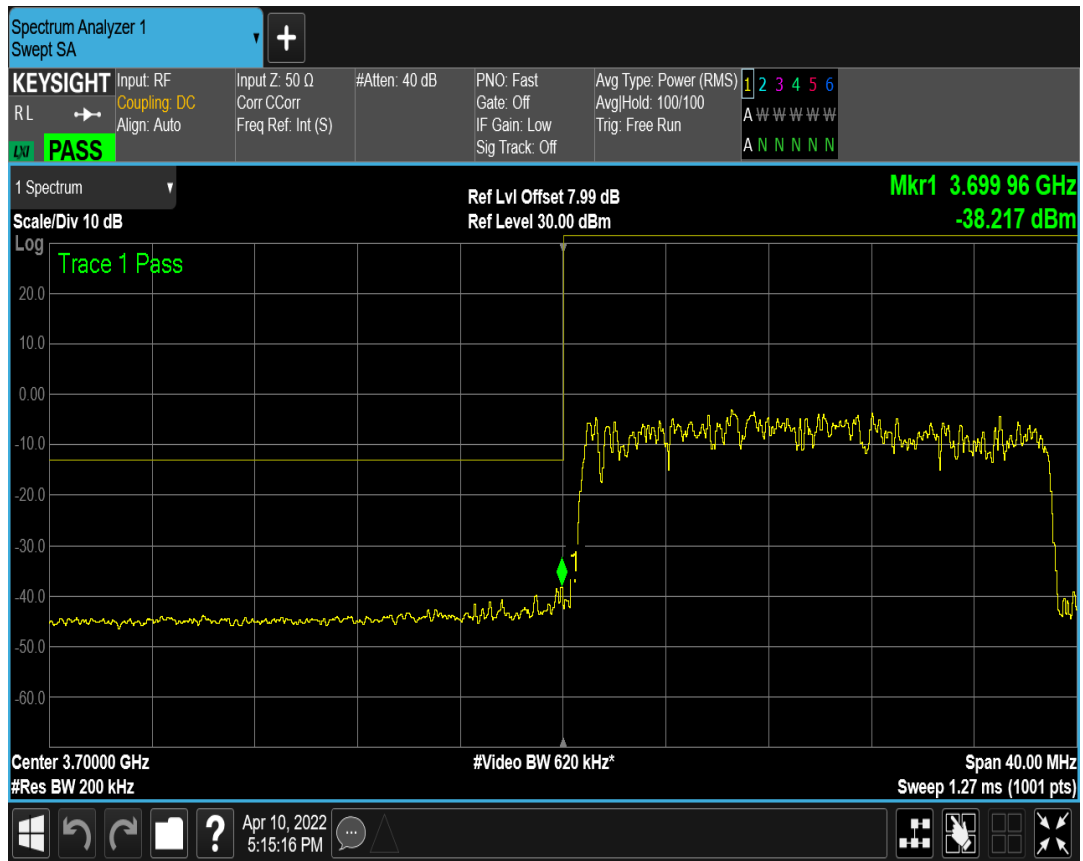
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=273@0



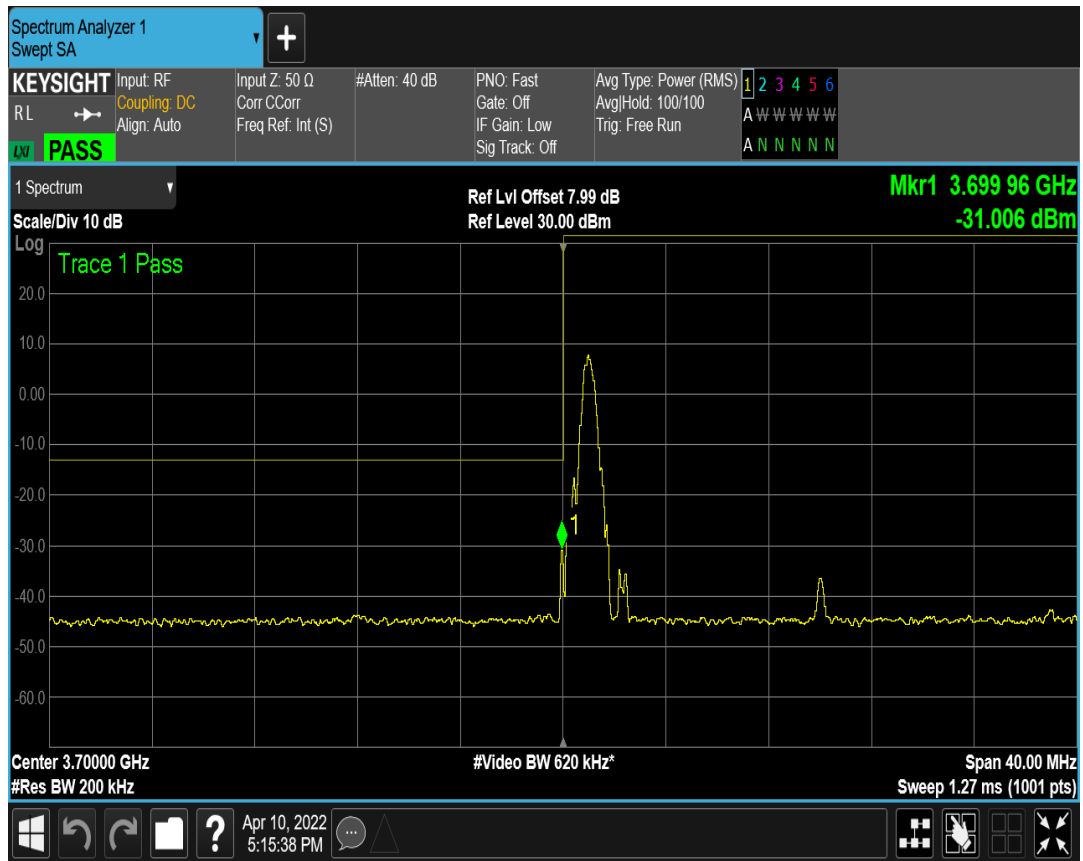
5 Band edge for NR FR1

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	3699.96	-38.21	-13	PASS
n77(3700-3980)	30	20	647334	1@0	DFT_QPSK	3699.96	-31.00	-13	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	3982.20	-41.46	-13	PASS
n77(3700-3980)	30	20	664666	1@50	DFT_QPSK	3980.32	-38.91	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-29.76	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3700.00	-29.61	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	3986.40	-38.49	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.00	-31.71	-13	PASS

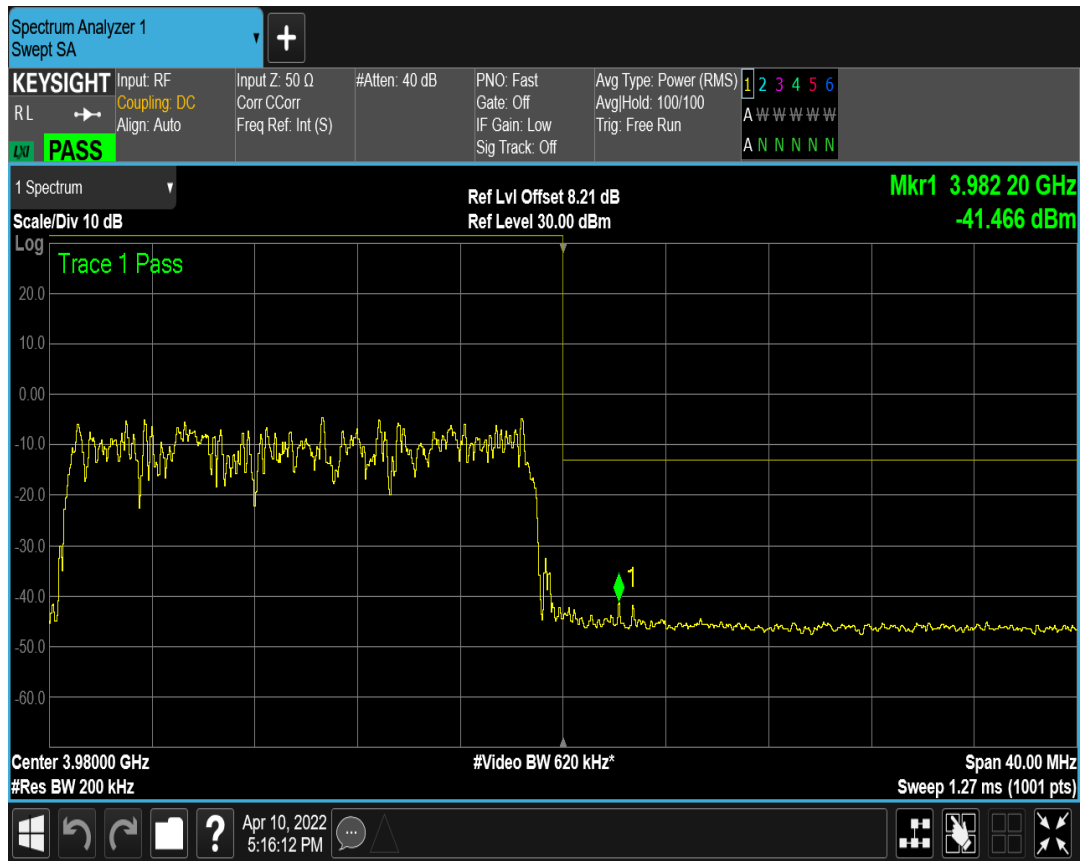
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



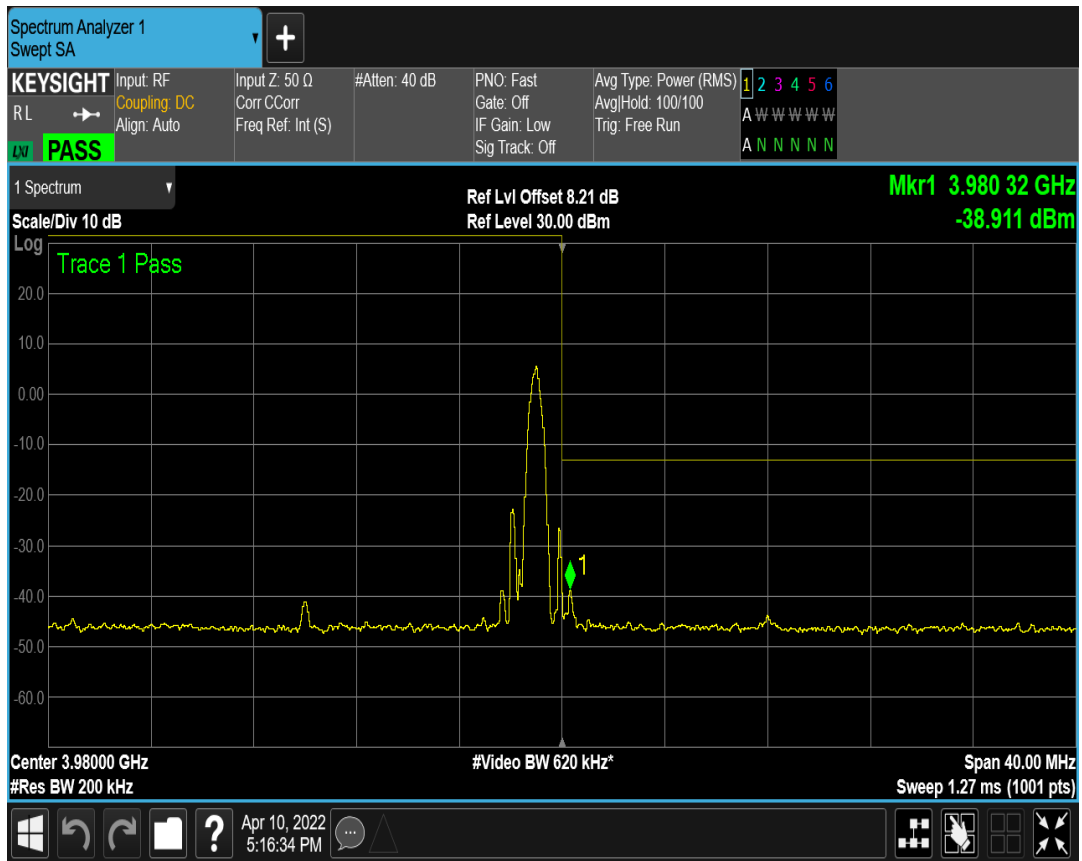
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=1@0



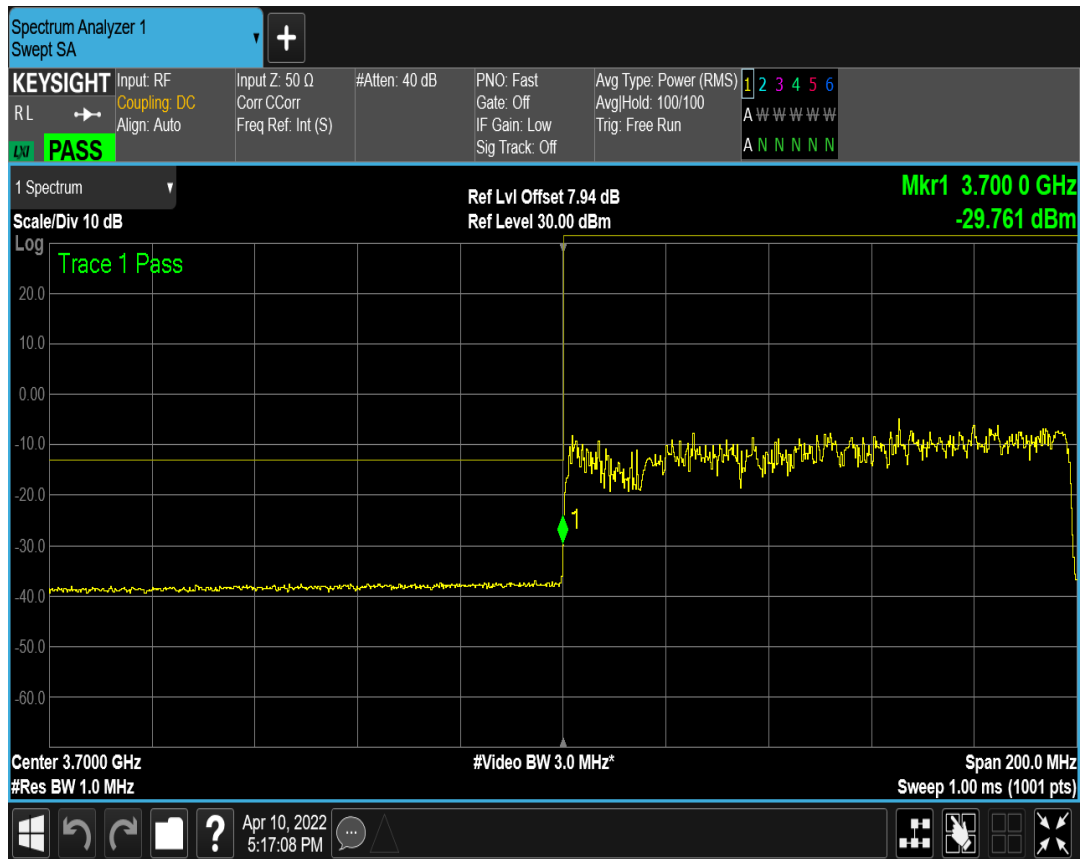
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0



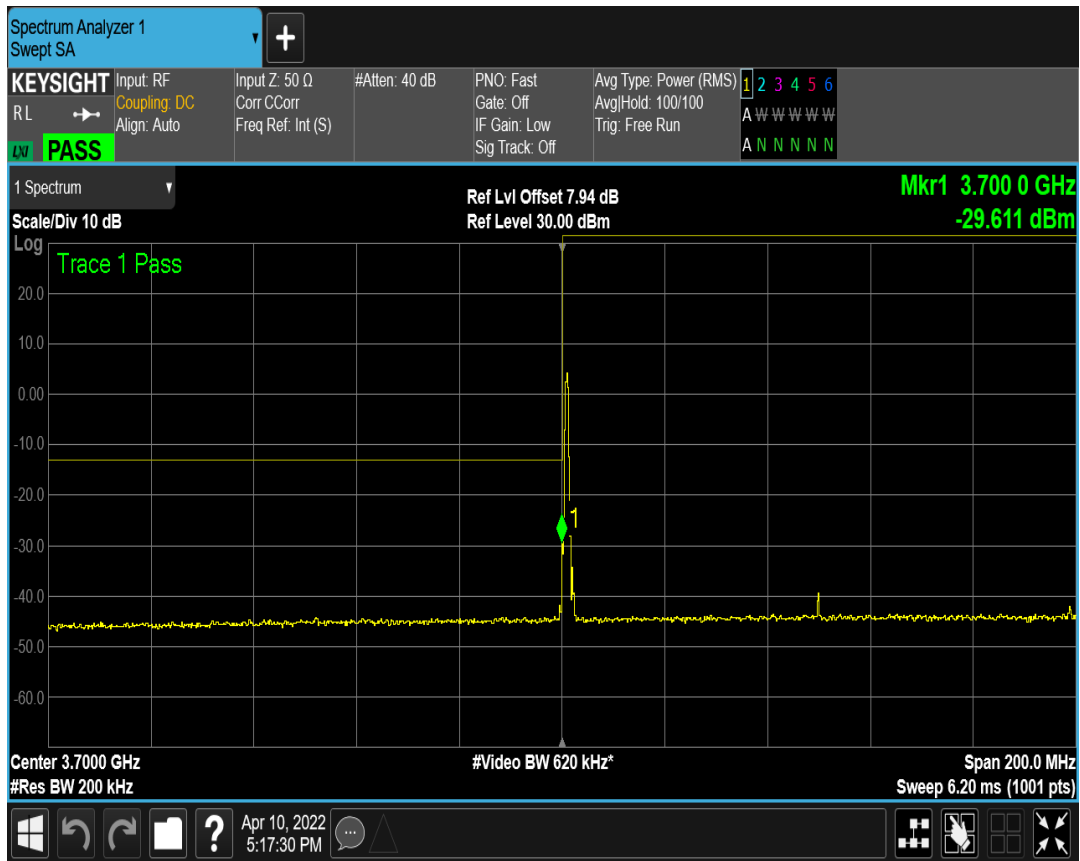
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=1@50



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



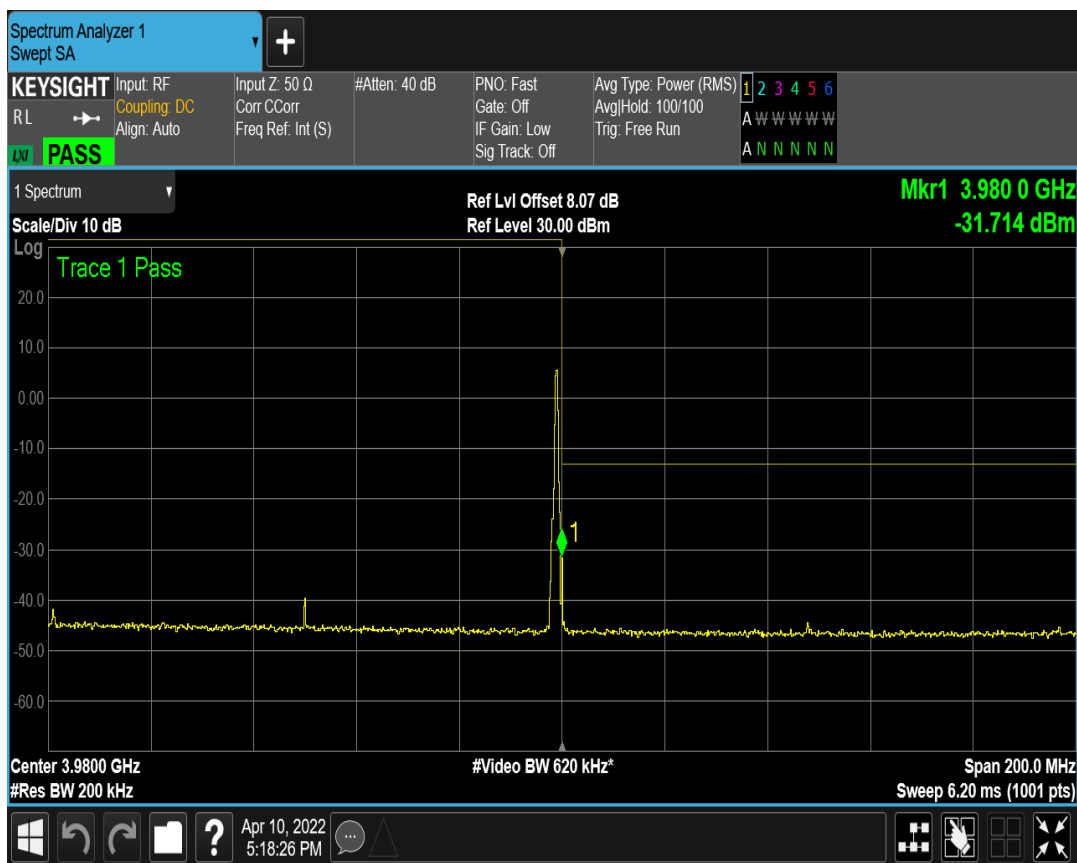
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



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



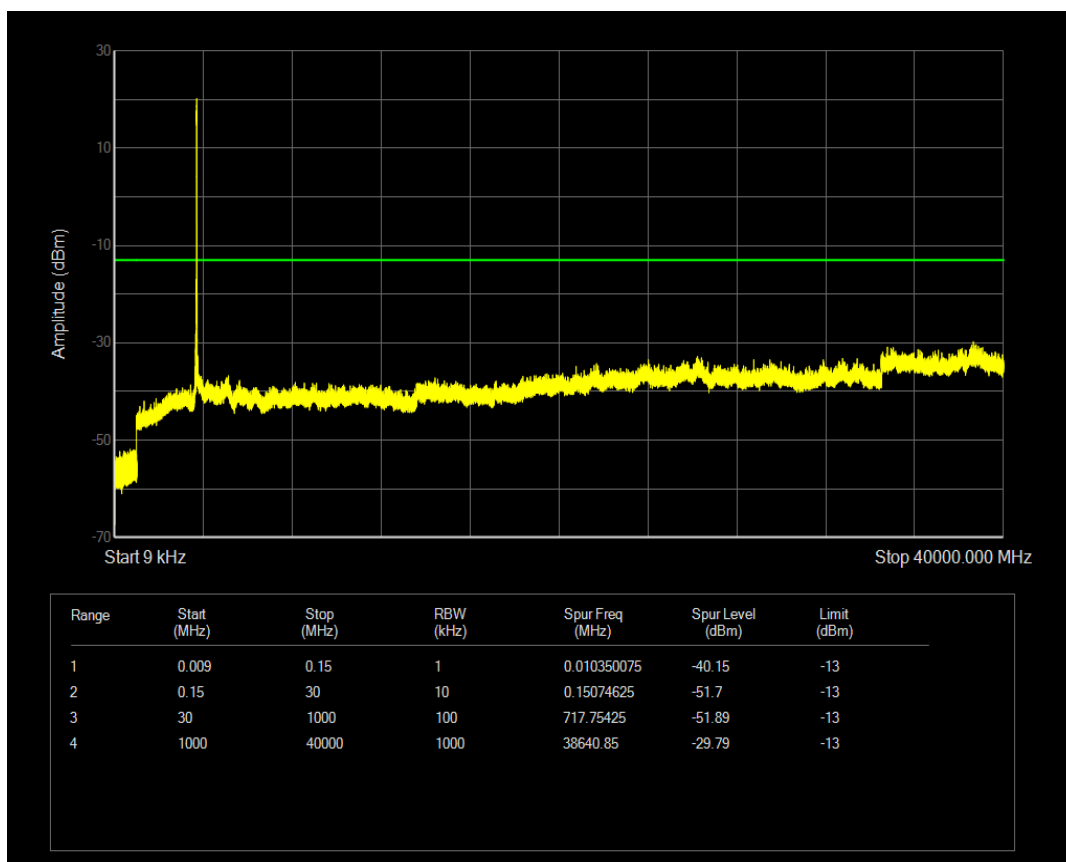
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@272



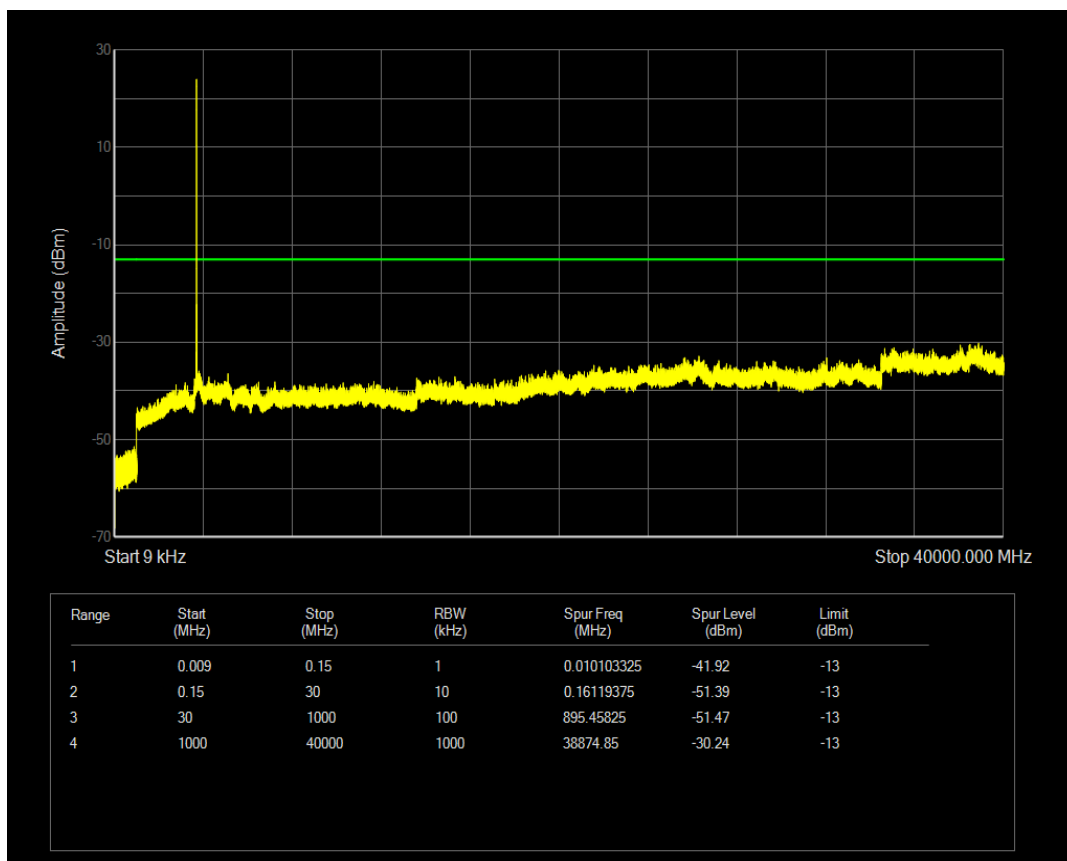
6 Out-of-band emissions for NR FR1

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	38640.85	-29.79	-13	PASS
n77(3700-3980)	30	20	647334	1@0	DFT_QPSK	38874.85	-30.24	-13	PASS
n77(3700-3980)	30	20	647334	1@50	DFT_QPSK	38781.25	-30.43	-13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	38563.83	-30.05	-13	PASS
n77(3700-3980)	30	20	656000	1@0	DFT_QPSK	38888.50	-30.33	-13	PASS
n77(3700-3980)	30	20	656000	1@50	DFT_QPSK	38847.55	-30.61	-13	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	38550.18	-29.95	-13	PASS
n77(3700-3980)	30	20	664666	1@0	DFT_QPSK	34988.50	-29.58	-13	PASS
n77(3700-3980)	30	20	664666	1@50	DFT_QPSK	38690.58	-29.71	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	38677.90	-30.23	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	38623.30	-29.81	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38660.35	-30.29	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38965.53	-30.36	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38772.48	-30.31	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	11666.50	-28.85	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38073.40	-29.95	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	35096.73	-29.98	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38572.60	-28.58	-13	PASS

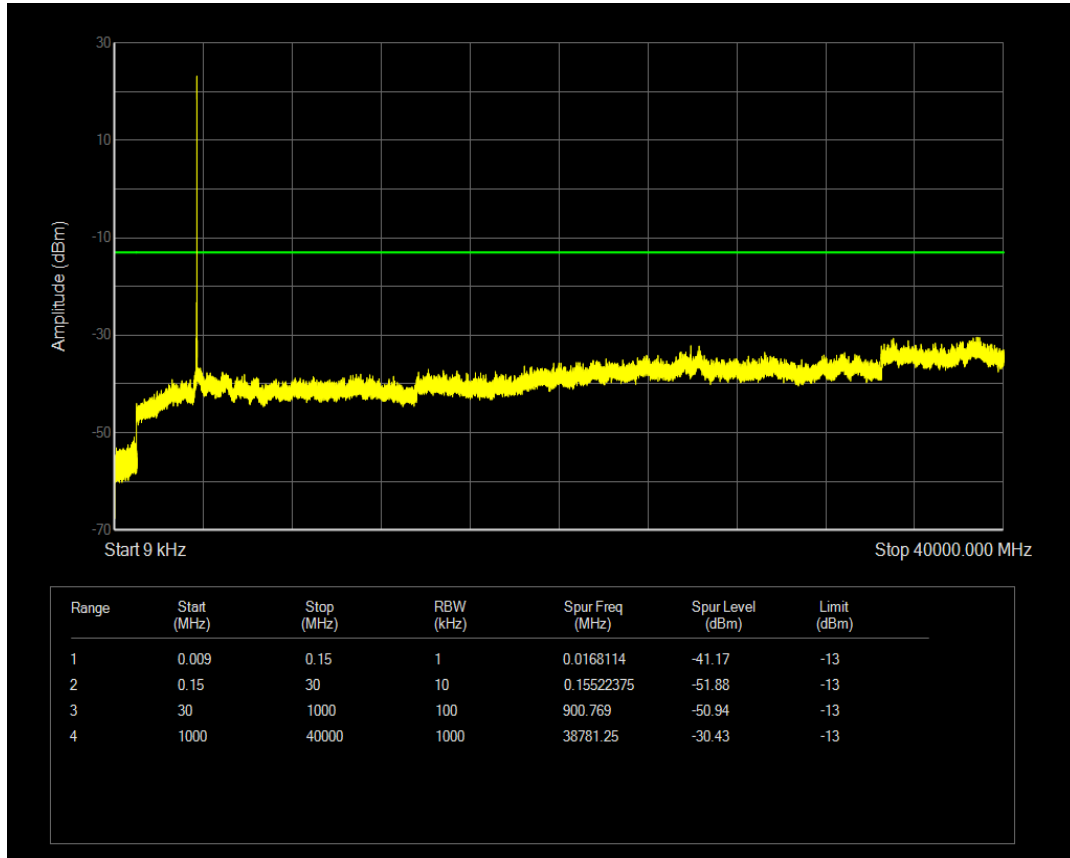
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



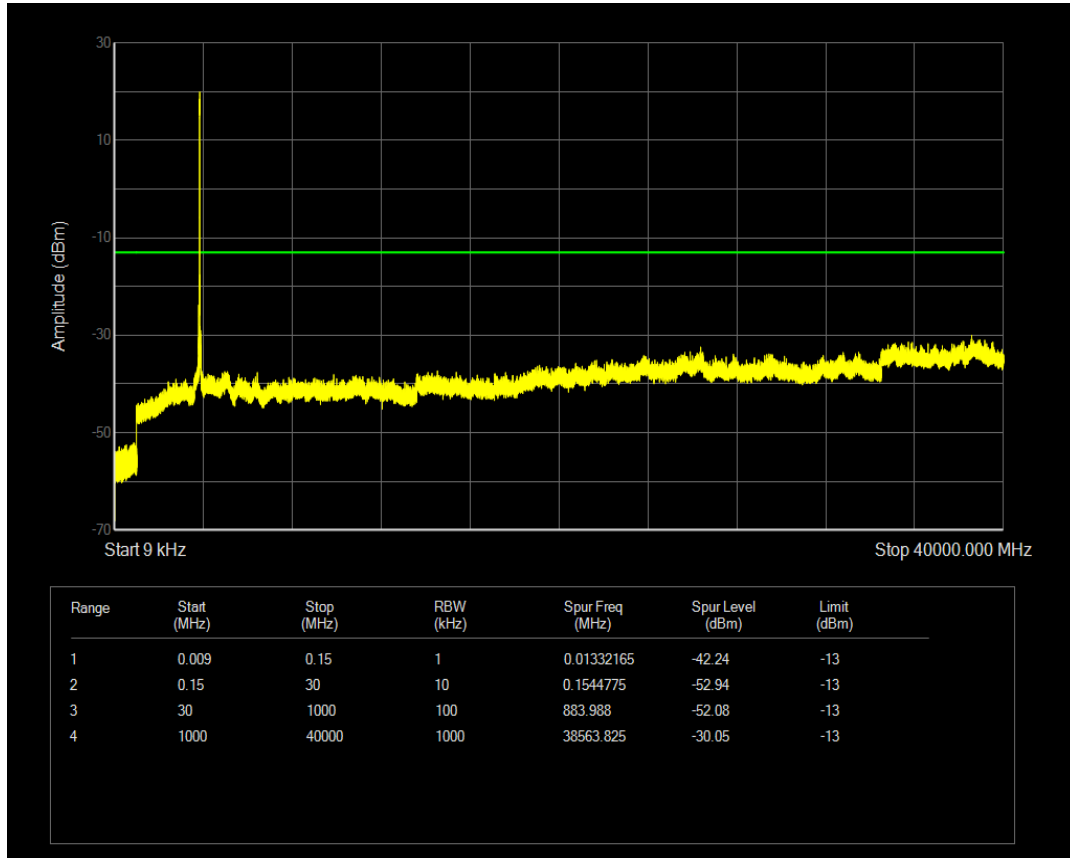
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=1@0



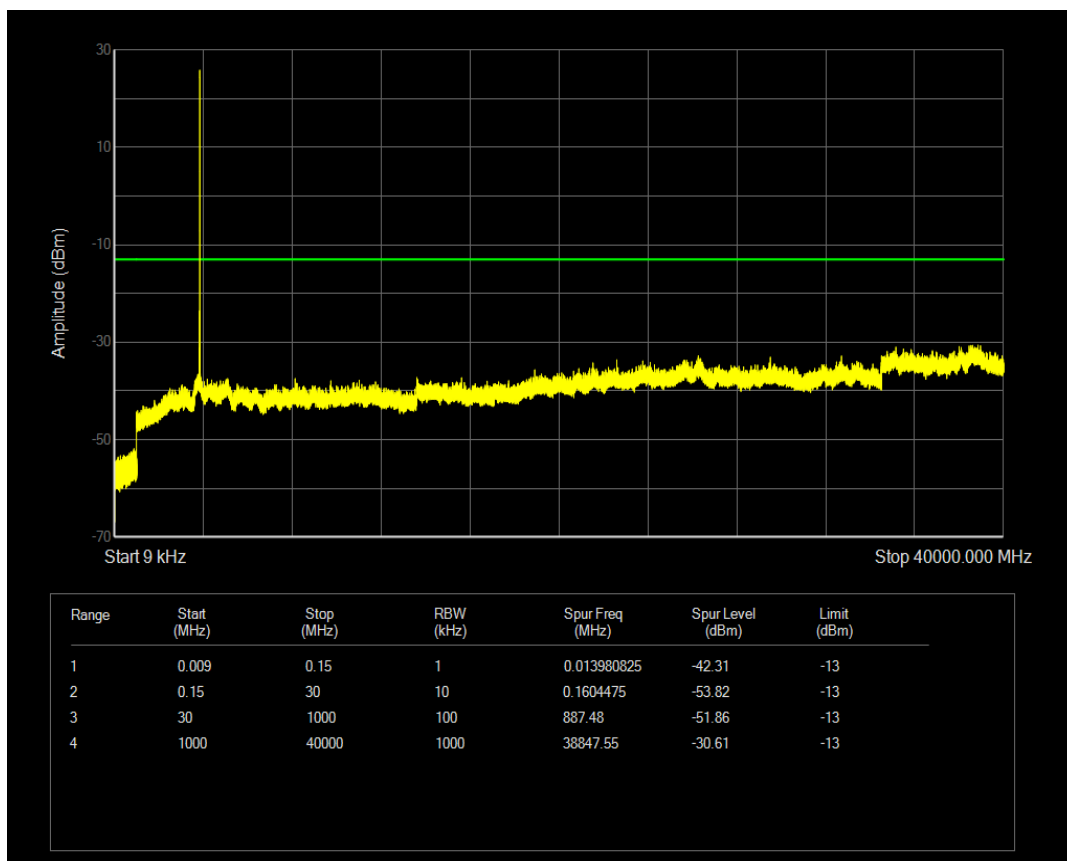
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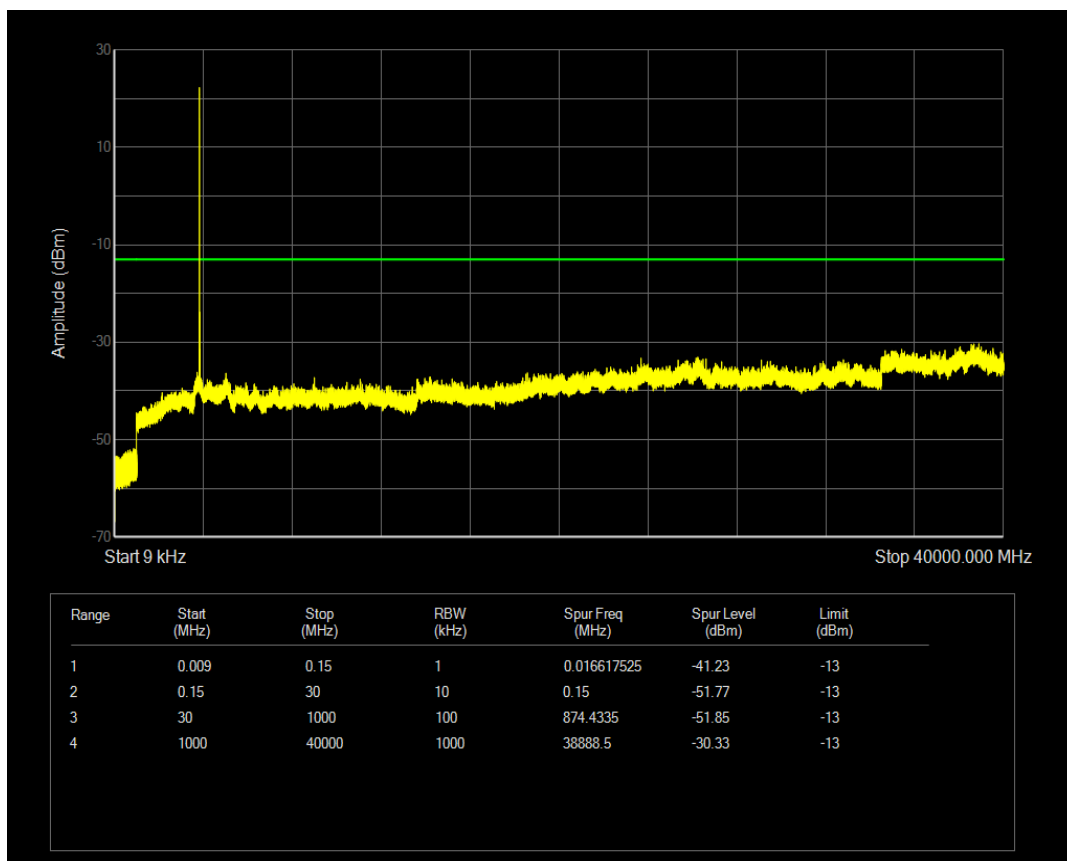
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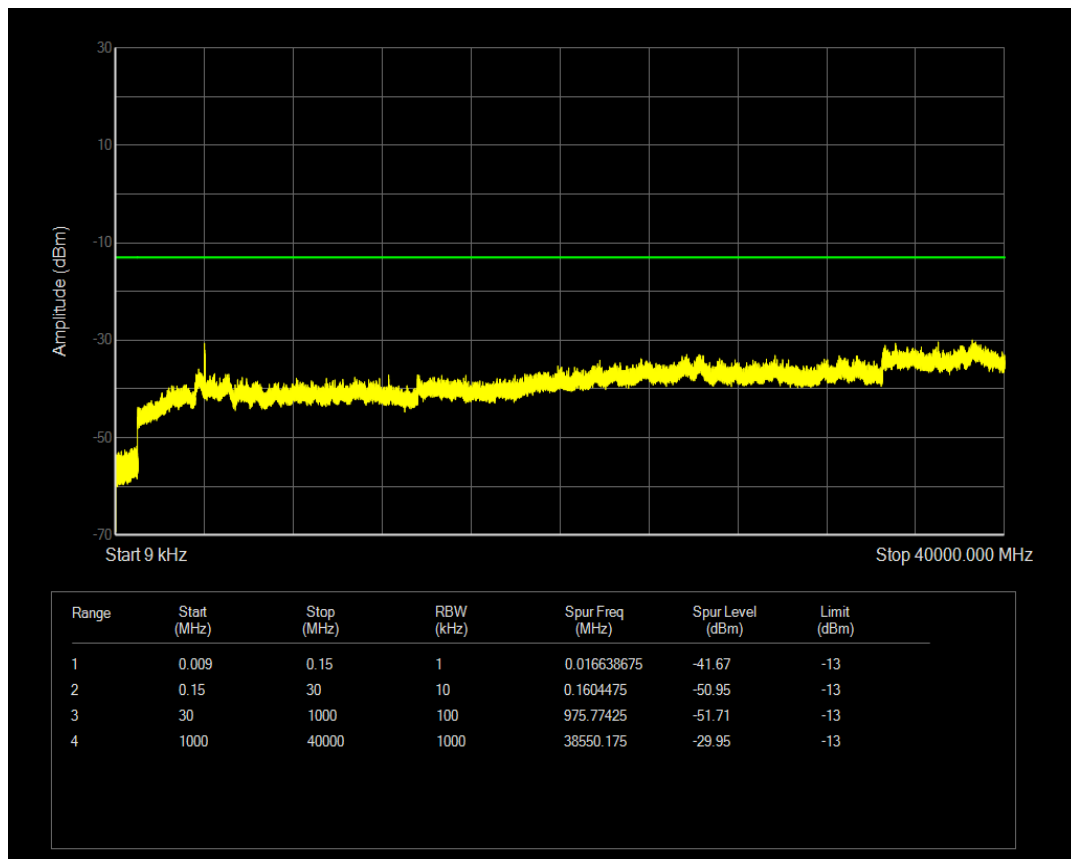
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=1@50



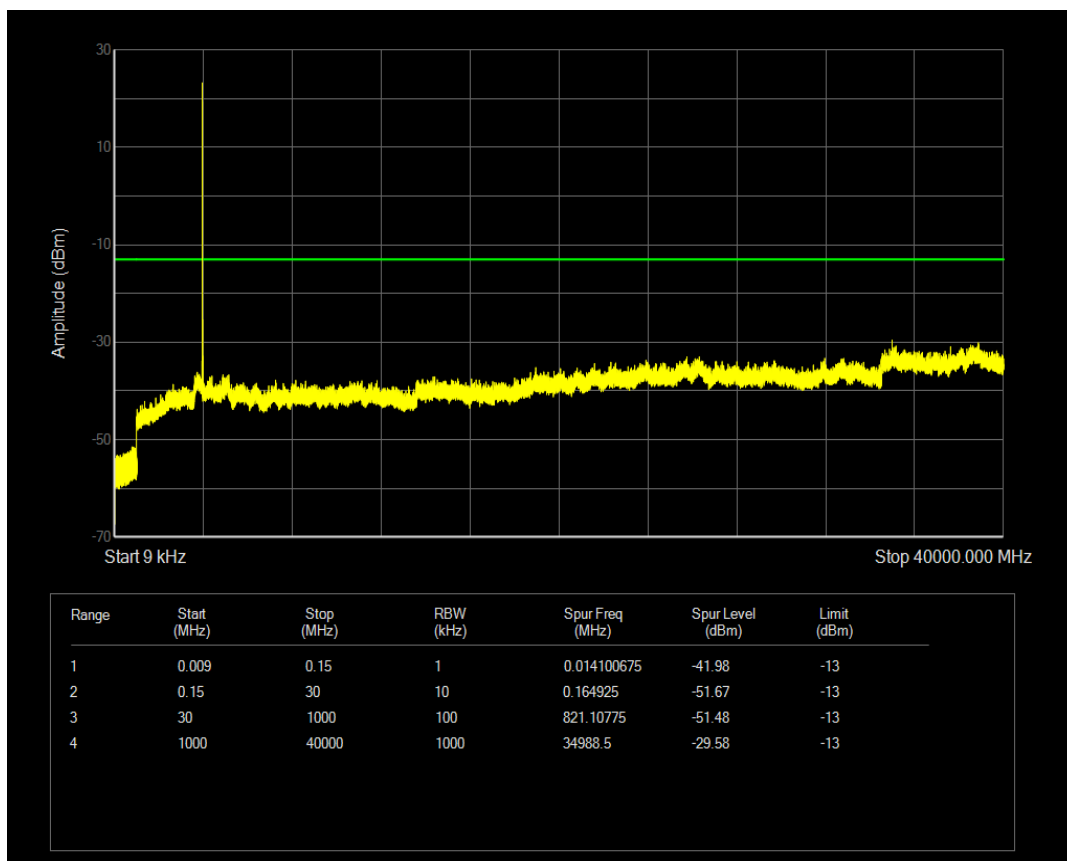
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=1@0



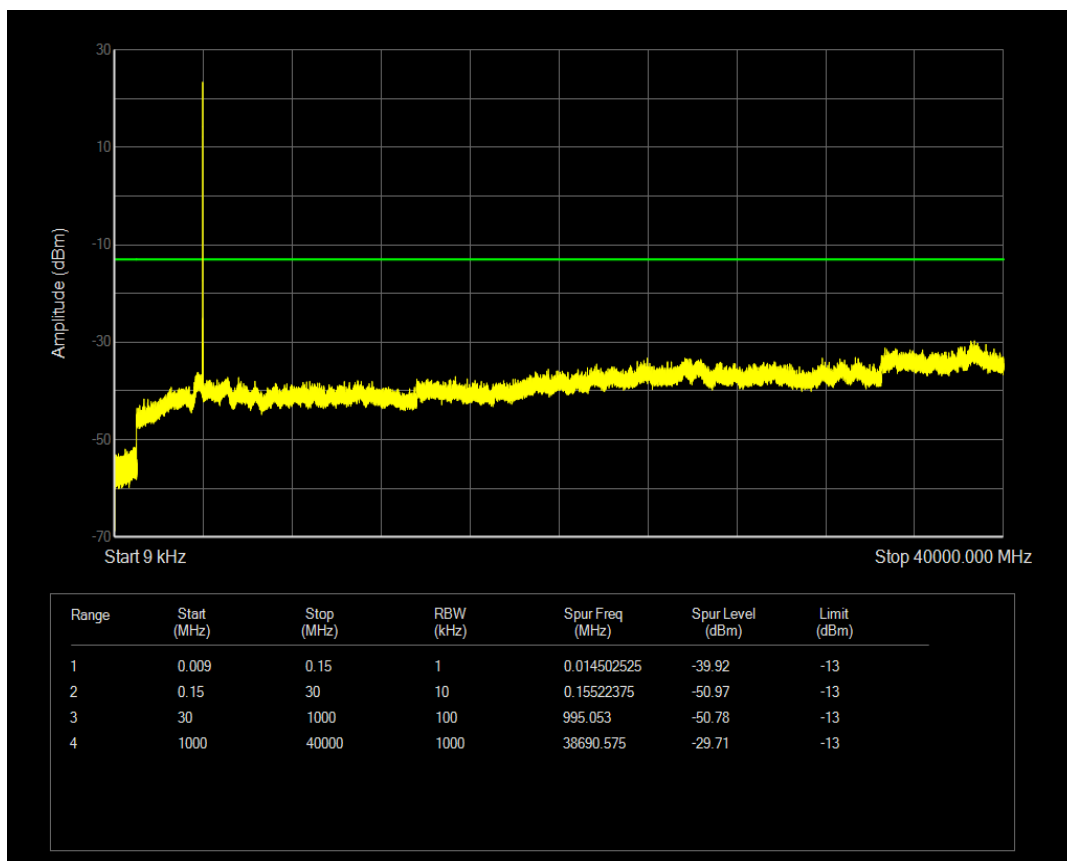
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=664666 RB=50@0



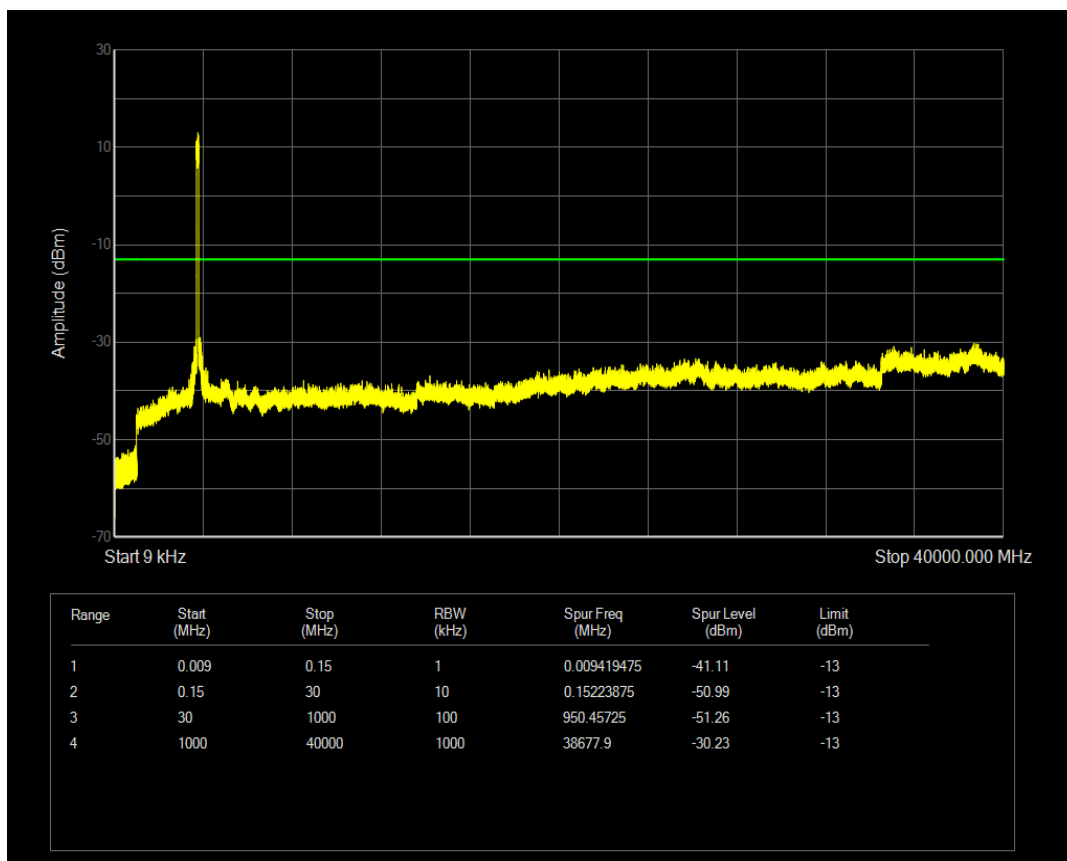
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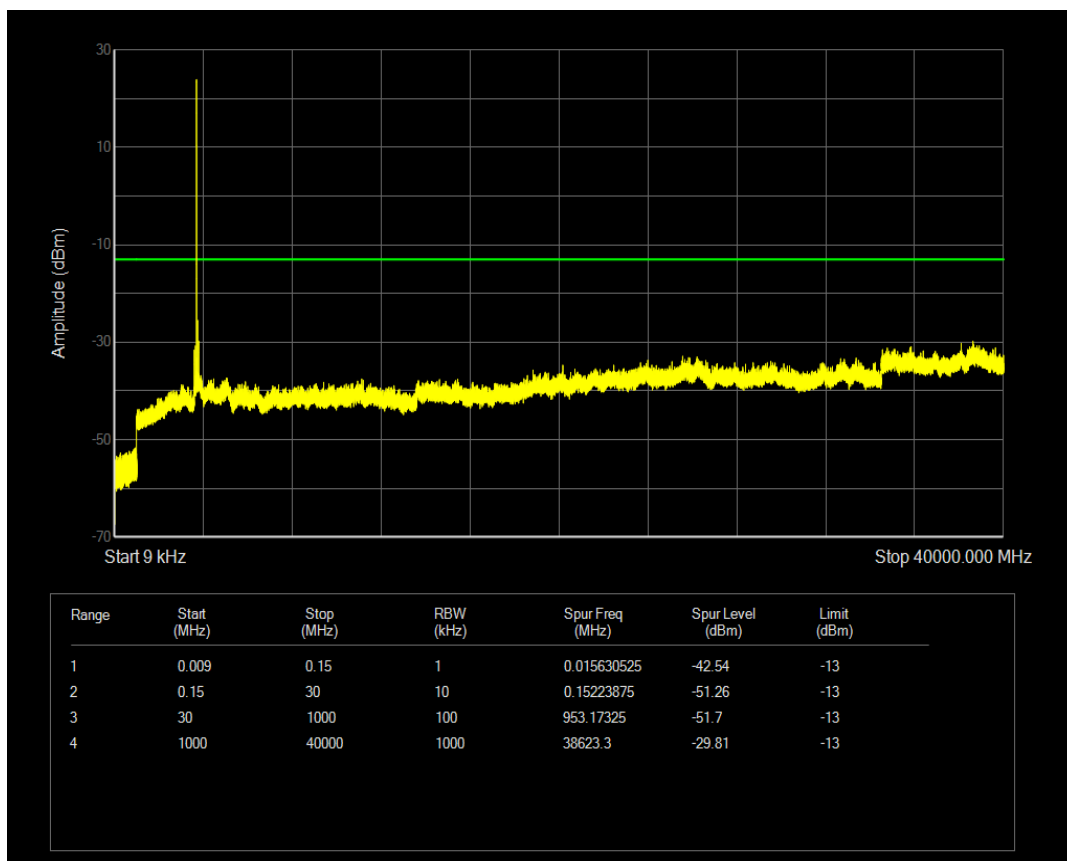
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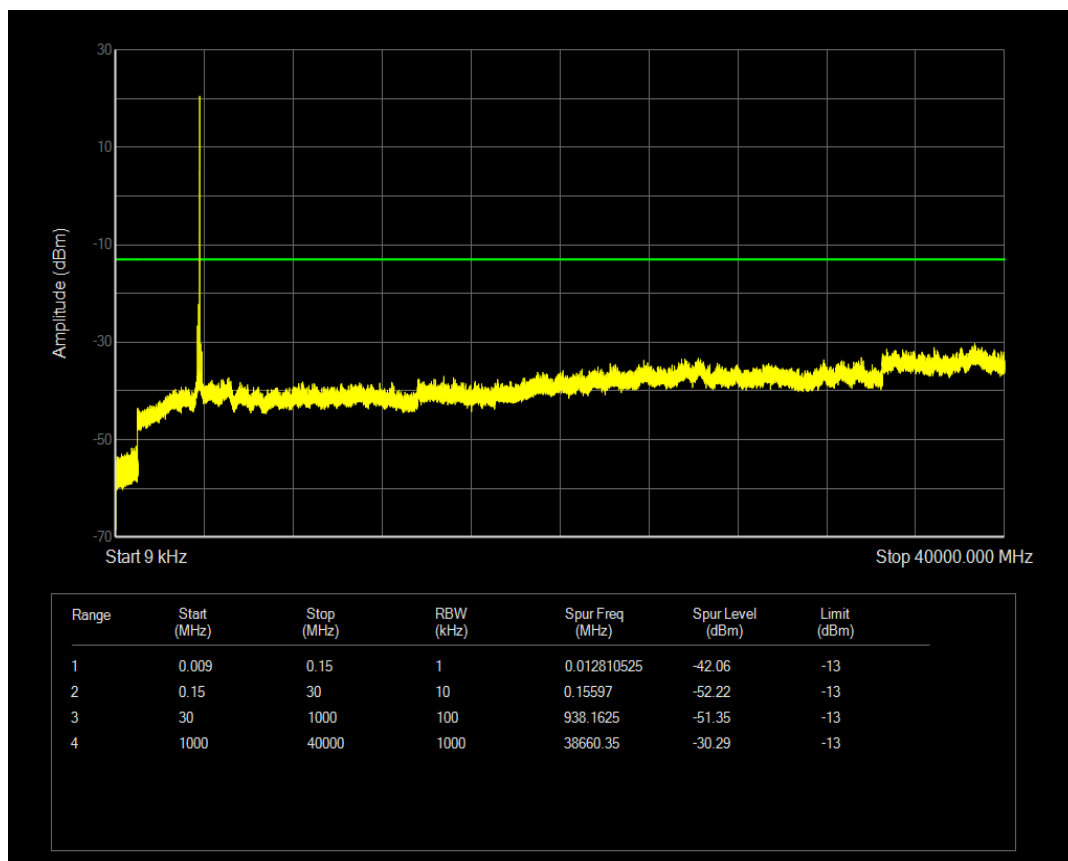
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



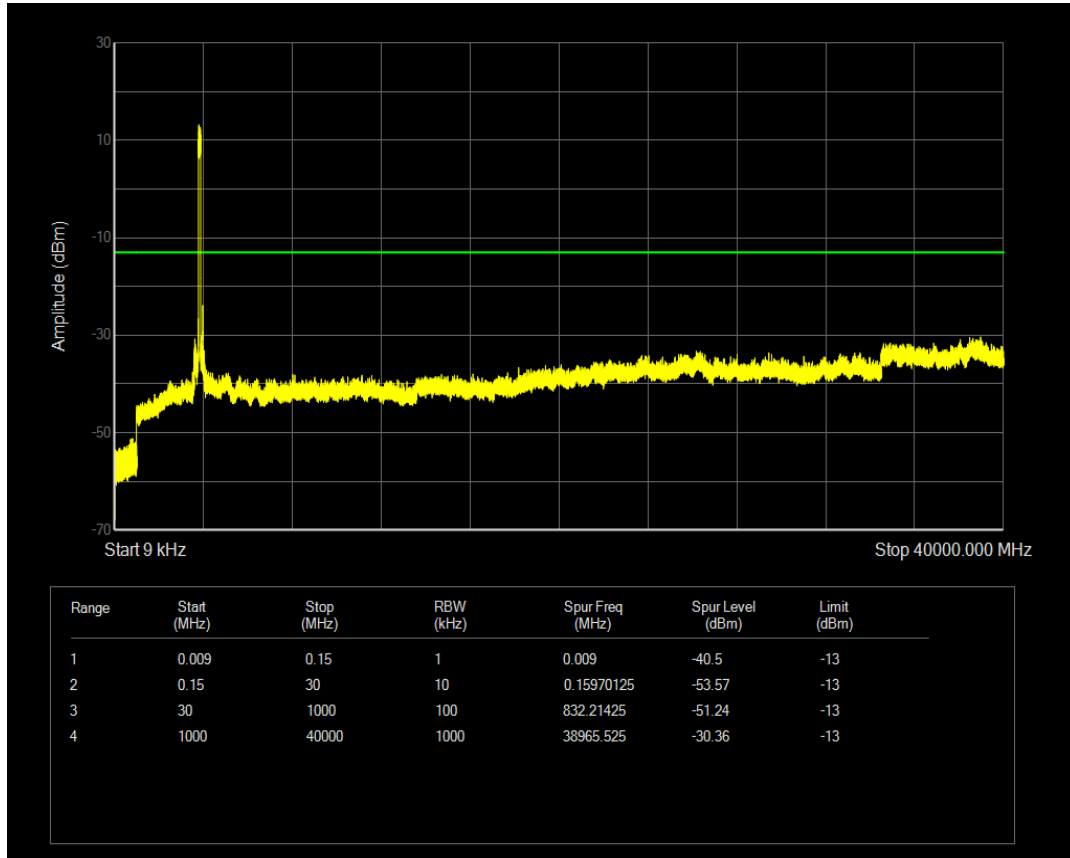
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



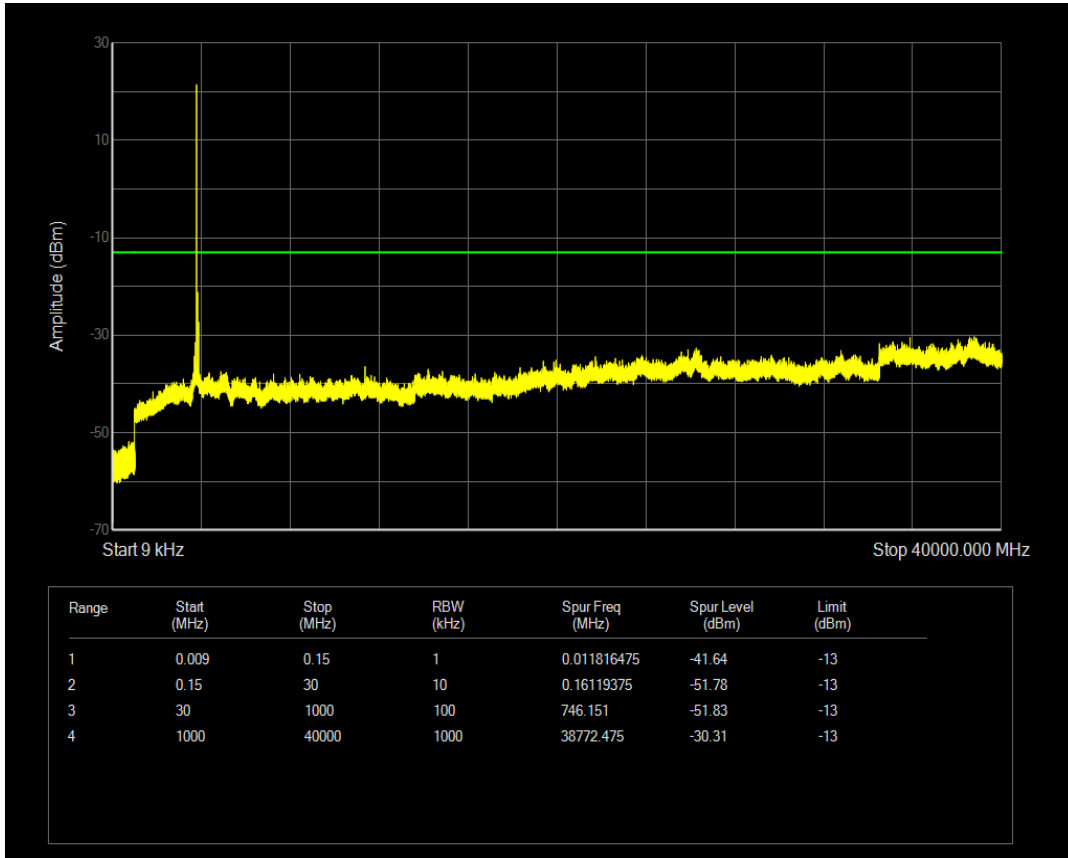
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@272



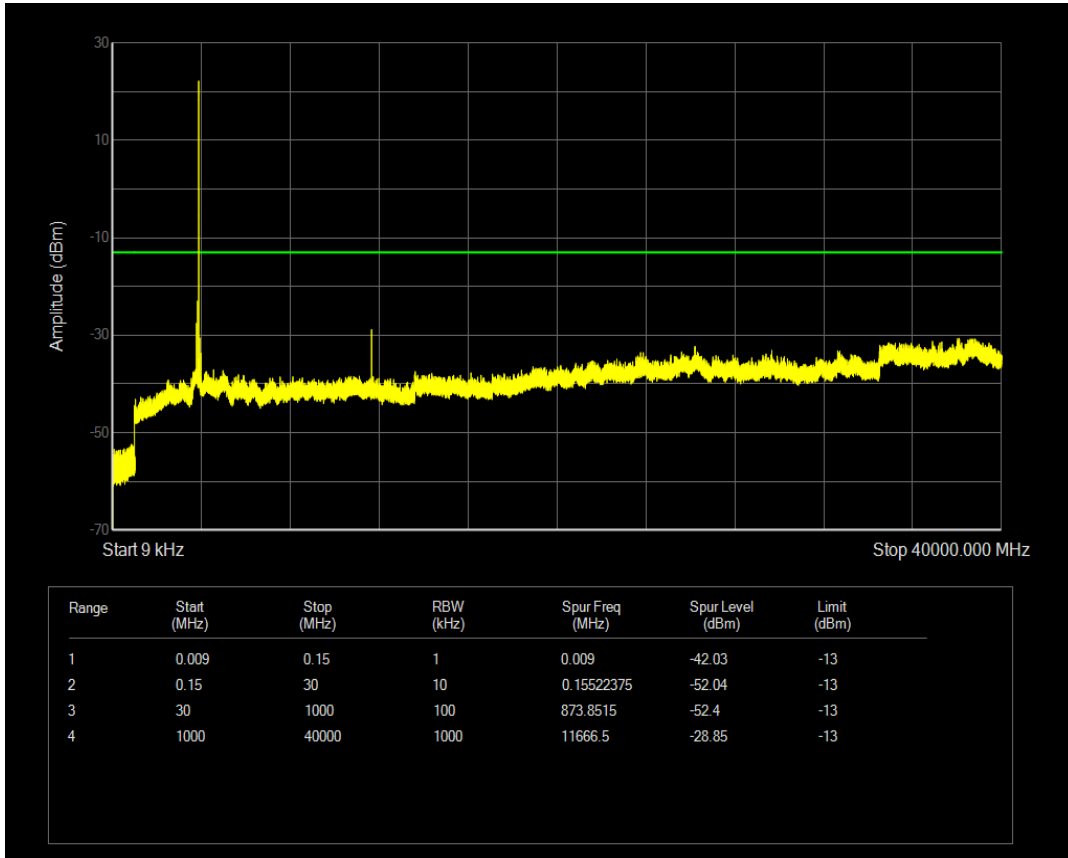
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



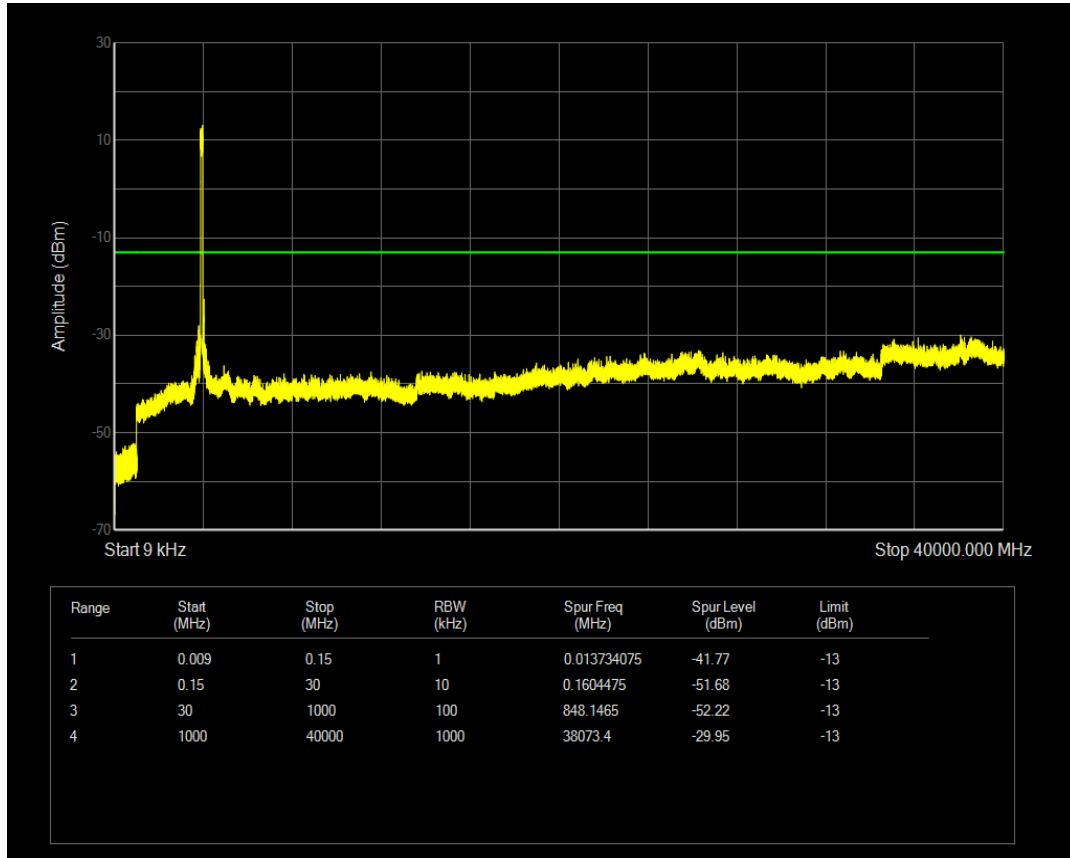
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@0



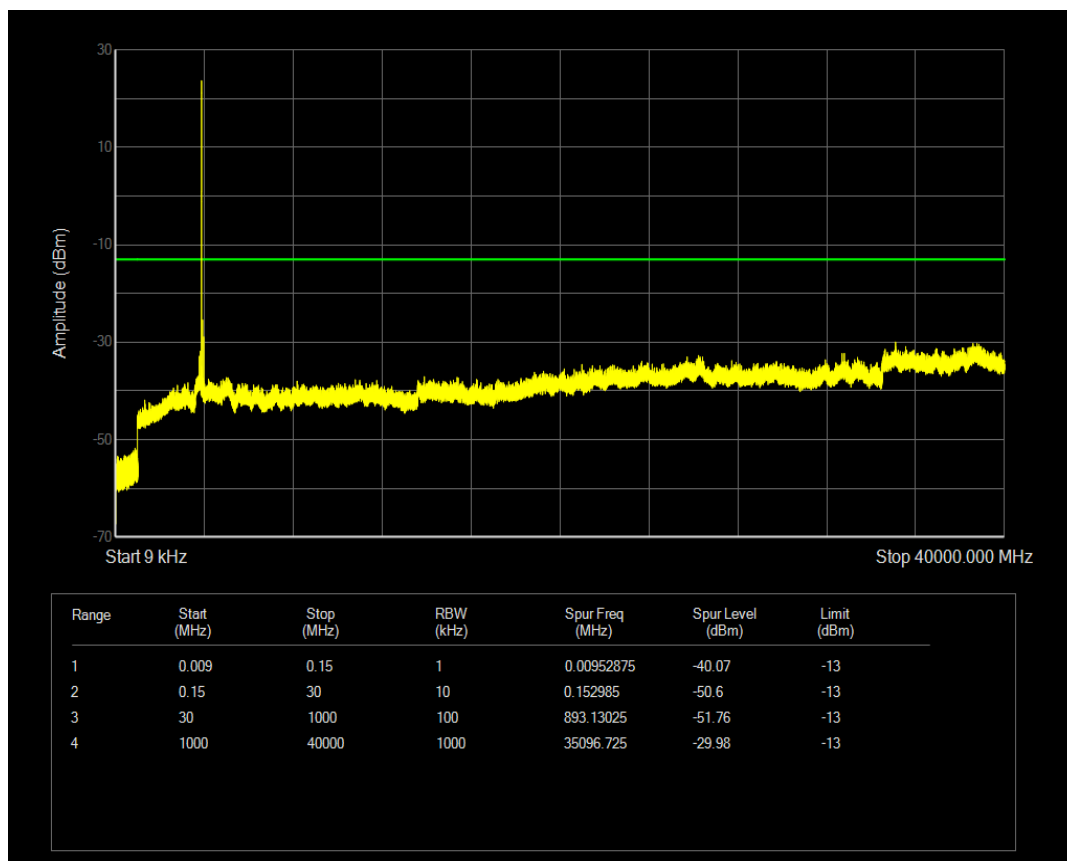
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@272



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

