



n78(3700-3800) SCS=30kHz DFT_QPSK BW=40MHz Channel=652000 RB=100@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=40MHz Channel=652000 RB=100@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=40MHz Channel=652000 RB=100@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=40MHz Channel=652000 RB=100@0



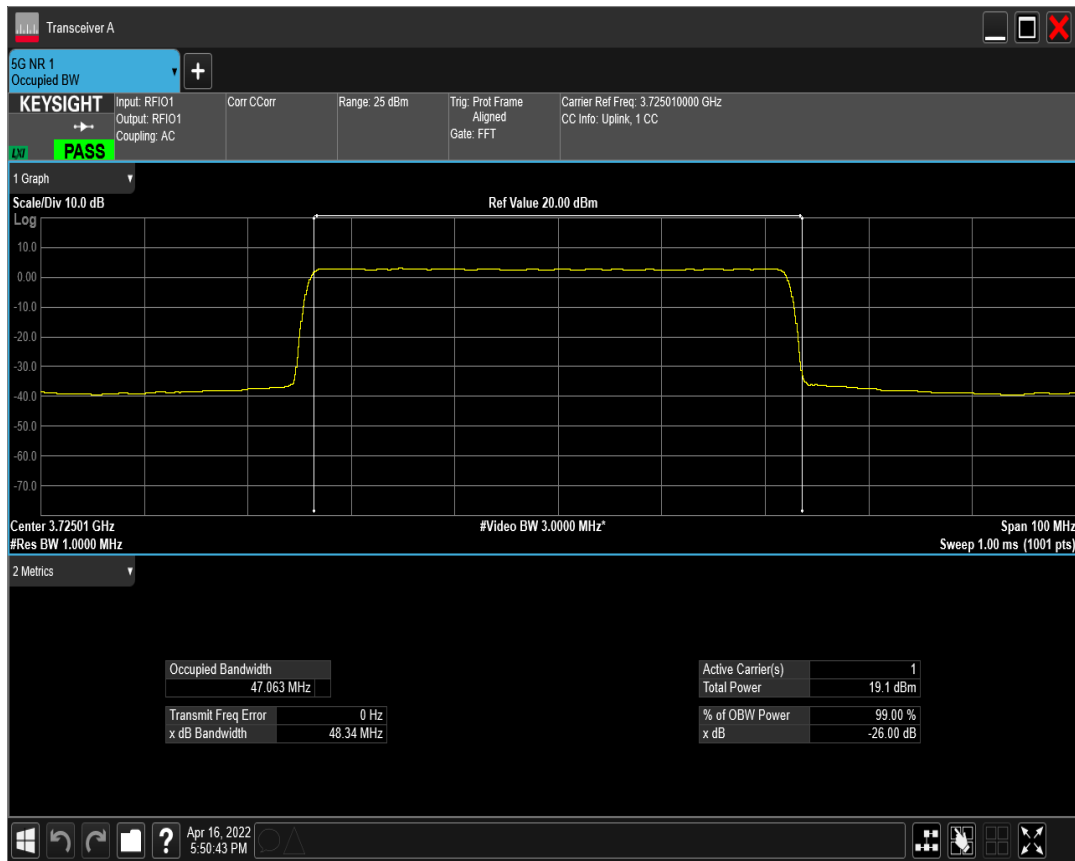
n78(3700-3800) SCS=30kHz CP_QPSK BW=40MHz Channel=652000 RB=106@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=50MHz Channel=648334 RB=128@0



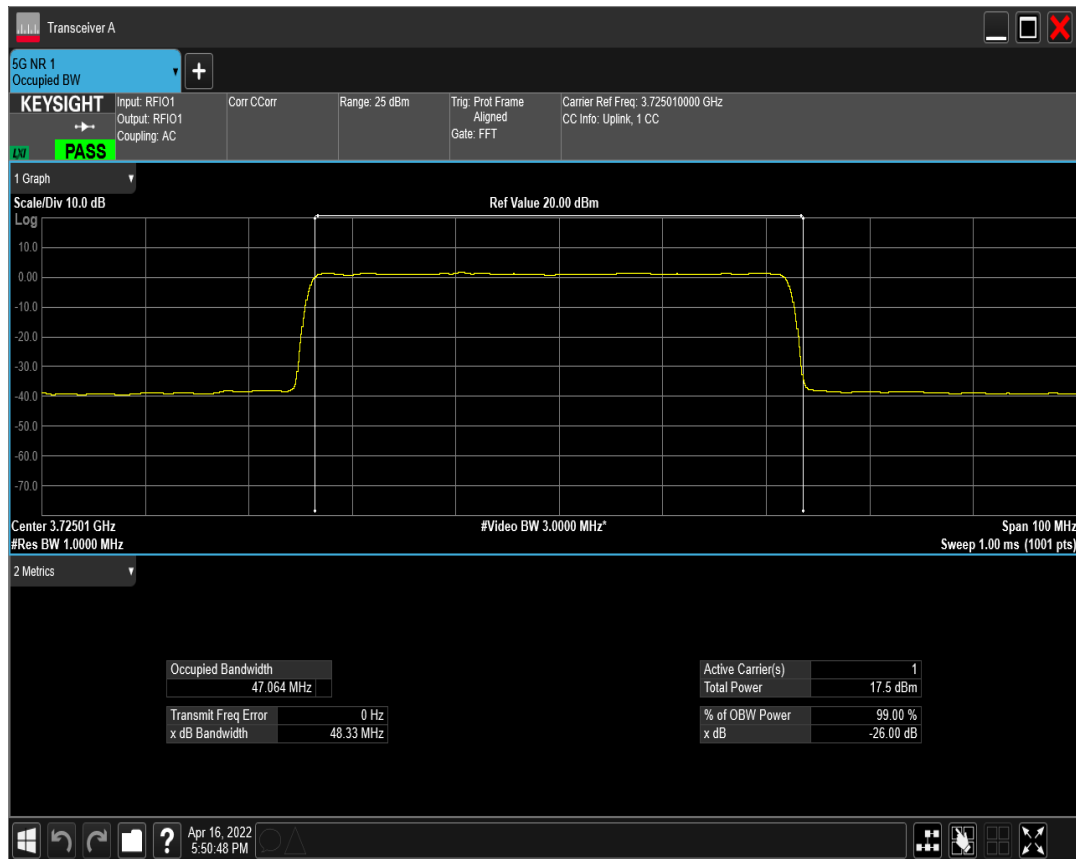
n78(3700-3800) SCS=30kHz DFT_QPSK BW=50MHz Channel=648334 RB=128@0



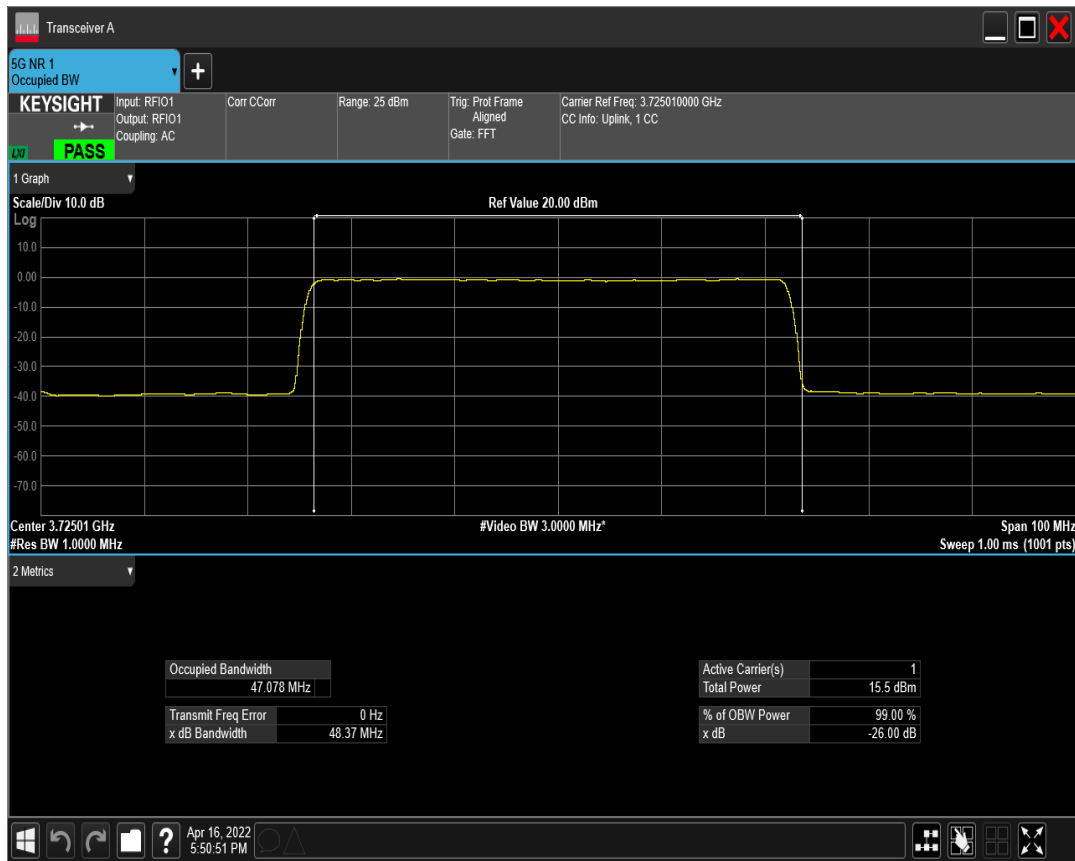
n78(3700-3800) SCS=30kHz DFT_QAM16 BW=50MHz Channel=648334 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=50MHz Channel=648334 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=50MHz Channel=648334 RB=128@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=133@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=50MHz Channel=650000 RB=128@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=133@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=50MHz Channel=651666 RB=128@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=60MHz Channel=648668 RB=162@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=60MHz Channel=650000 RB=162@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=60MHz Channel=651332 RB=162@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=80MHz Channel=649334 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=80MHz Channel=649334 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=80MHz Channel=649334 RB=216@0



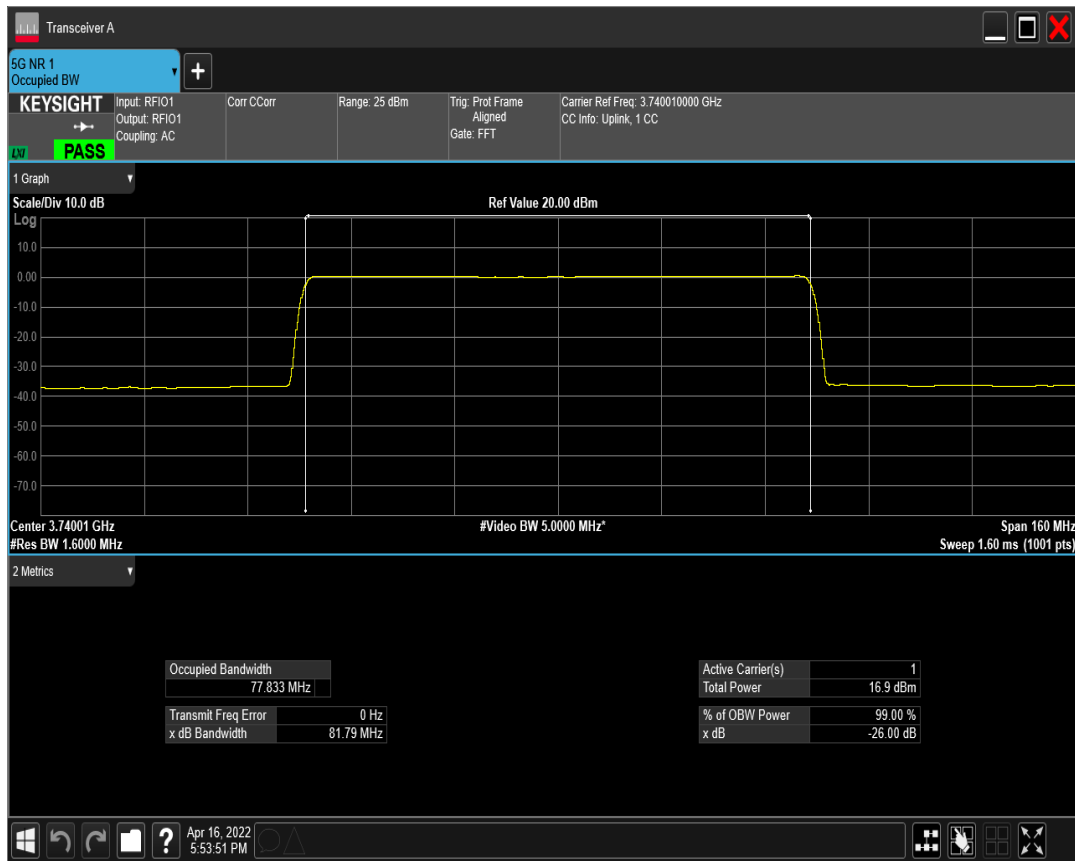
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n78(3700-3800) SCS=30kHz DFT_QAM256 BW=80MHz Channel=649334 RB=216@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=80MHz Channel=649334 RB=217@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=80MHz Channel=650000 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=80MHz Channel=650000 RB=216@0



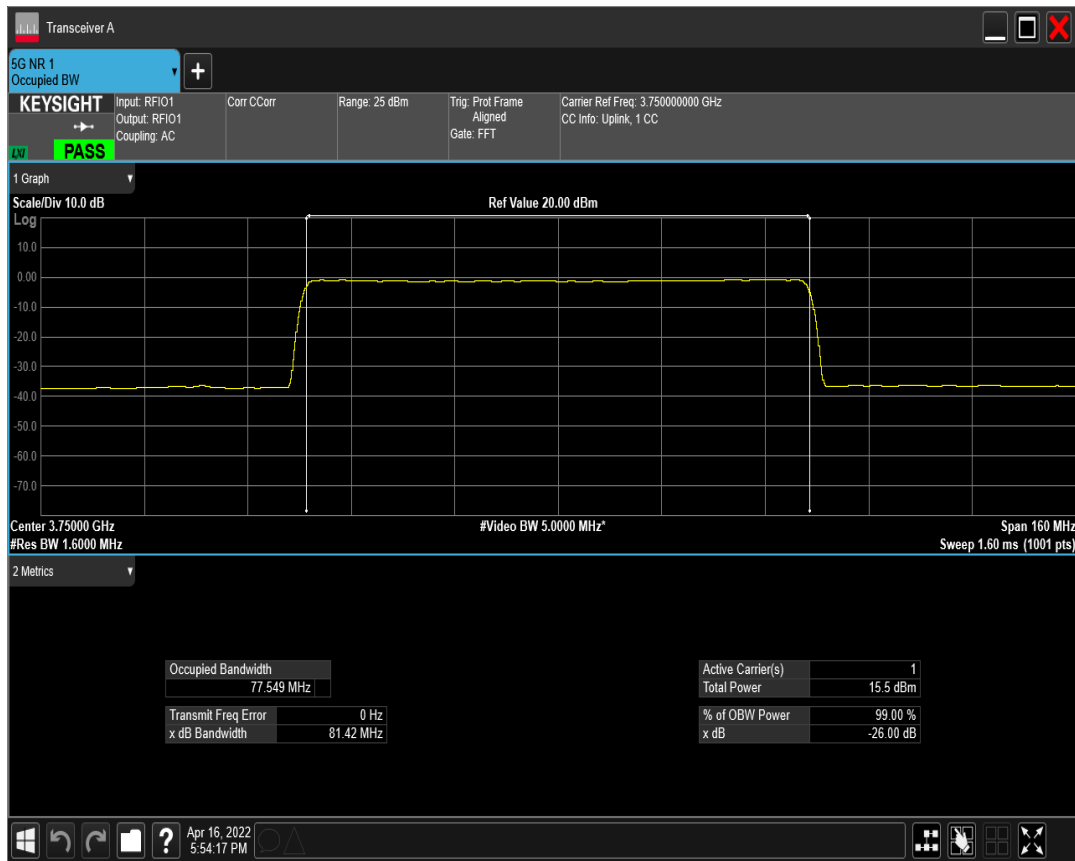
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n78(3700-3800) SCS=30kHz DFT_QAM256 BW=80MHz Channel=650000 RB=216@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=80MHz Channel=650000 RB=217@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=80MHz Channel=650666 RB=216@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=80MHz Channel=650666 RB=217@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=90MHz Channel=649668 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=90MHz Channel=649668 RB=240@0



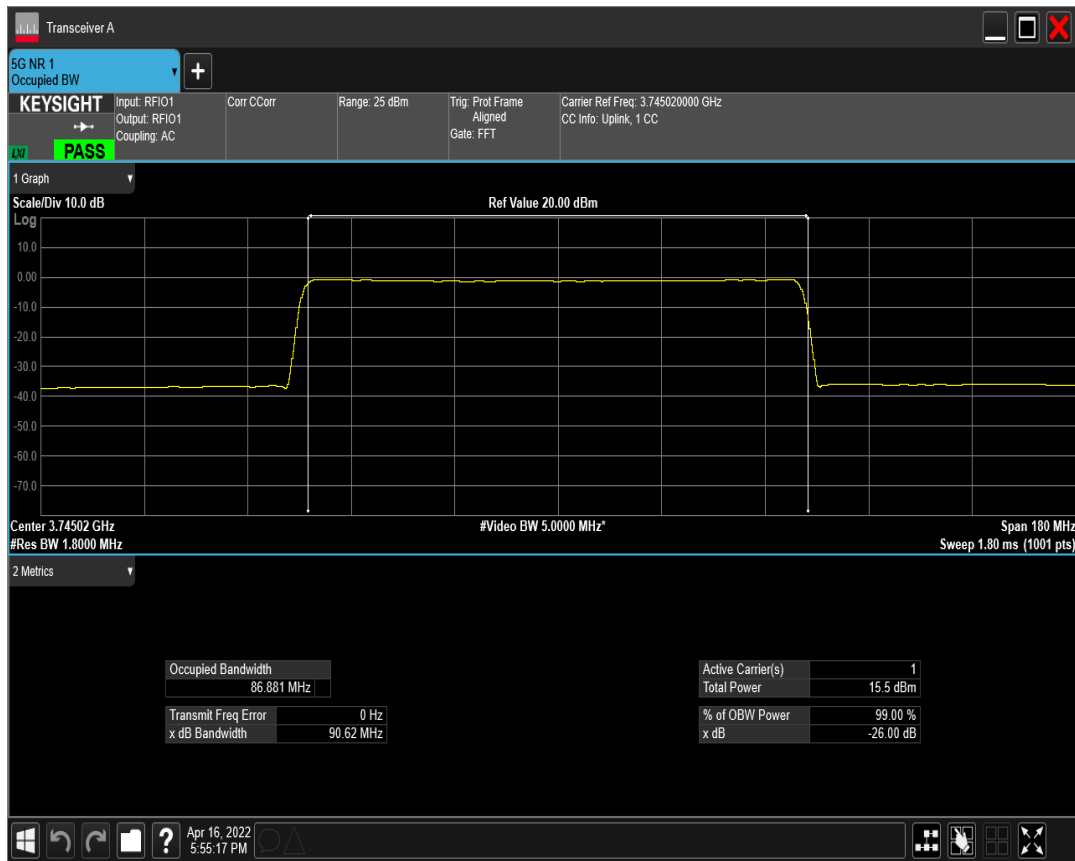
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n78(3700-3800) SCS=30kHz DFT_QAM64 BW=90MHz Channel=649668 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=90MHz Channel=649668 RB=240@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=90MHz Channel=649668 RB=245@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=90MHz Channel=650000 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=90MHz Channel=650000 RB=240@0



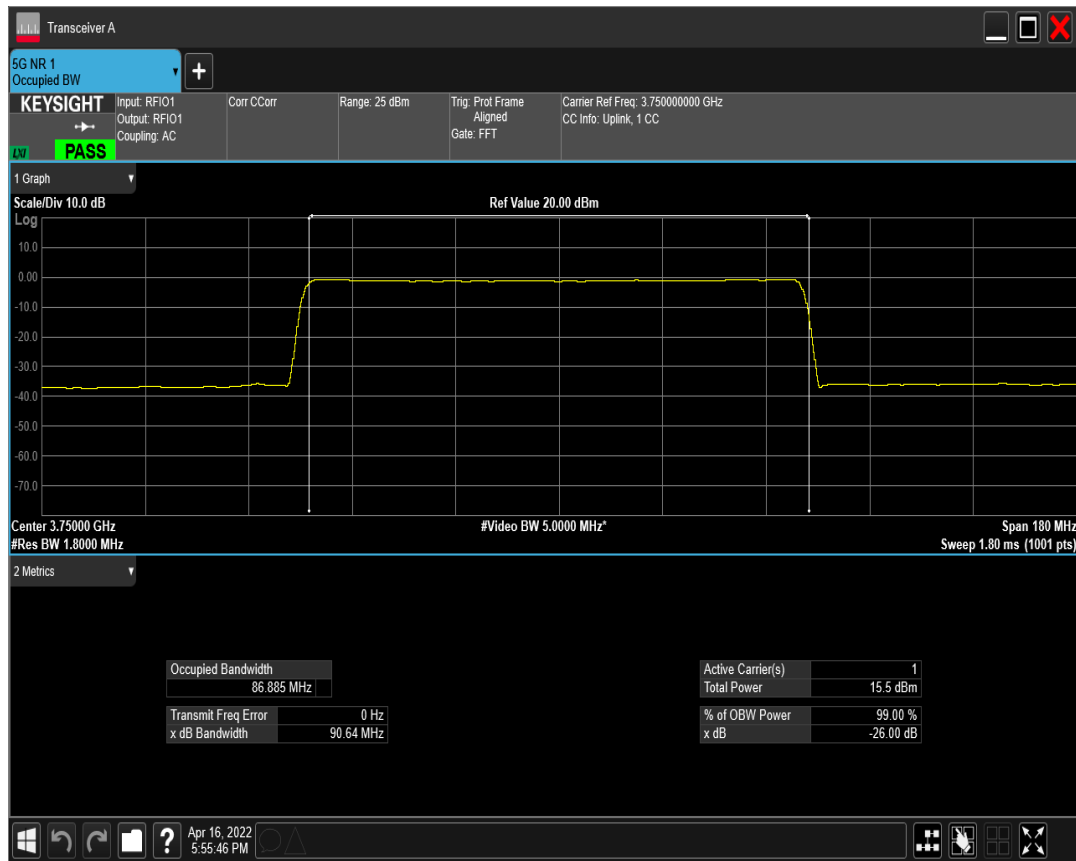
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n78(3700-3800) SCS=30kHz DFT_QAM64 BW=90MHz Channel=650000 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=90MHz Channel=650000 RB=240@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=90MHz Channel=650000 RB=245@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=90MHz Channel=650332 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=90MHz Channel=650332 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=90MHz Channel=650332 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=90MHz Channel=650332 RB=240@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=90MHz Channel=650332 RB=240@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=90MHz Channel=650332 RB=245@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=649000 RB=189@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=649000 RB=180@0



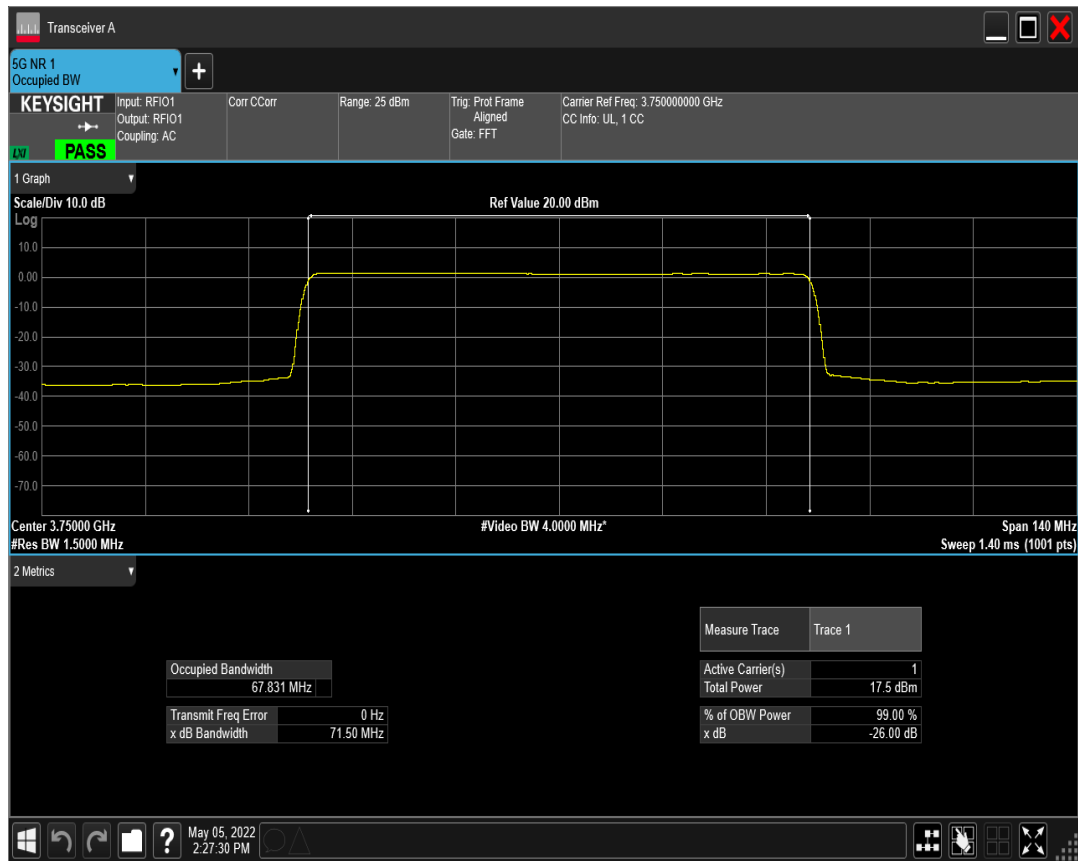
n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=650000 RB=189@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=651000 RB=189@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=649000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM256 BW=70MHz Channel=649000 RB=180@0



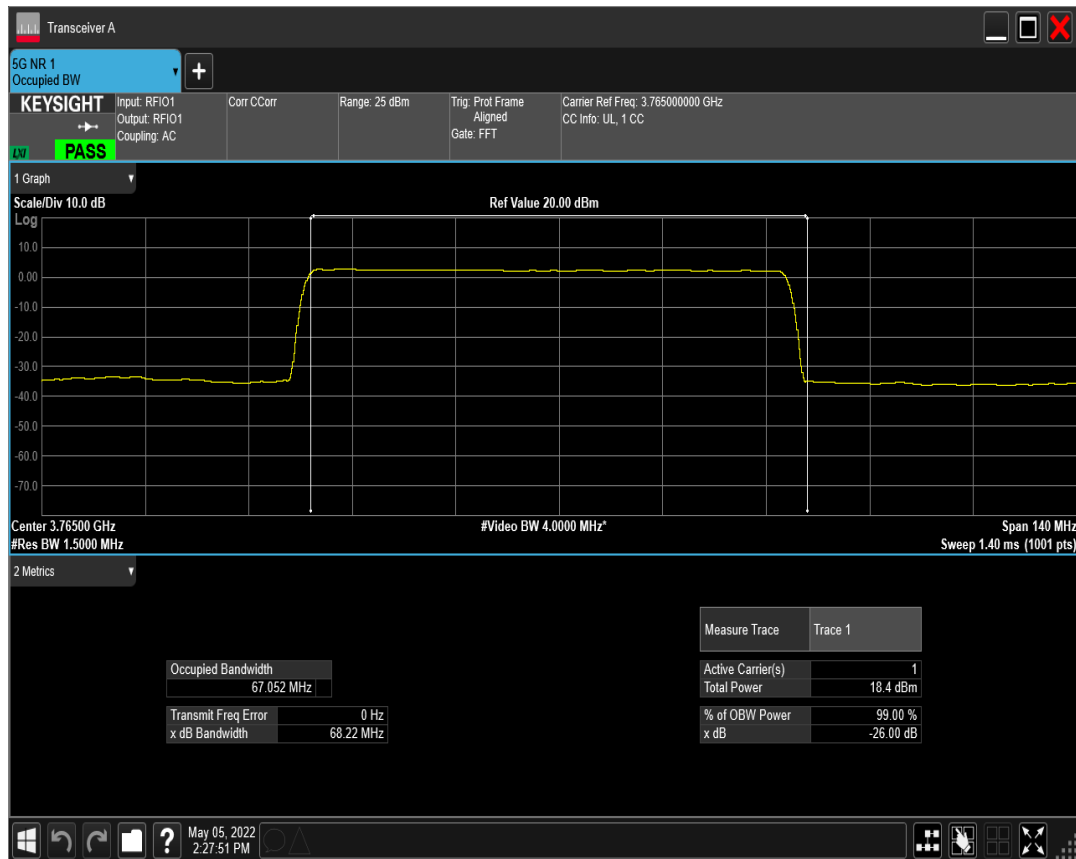
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n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=649000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=650000 RB=180@0



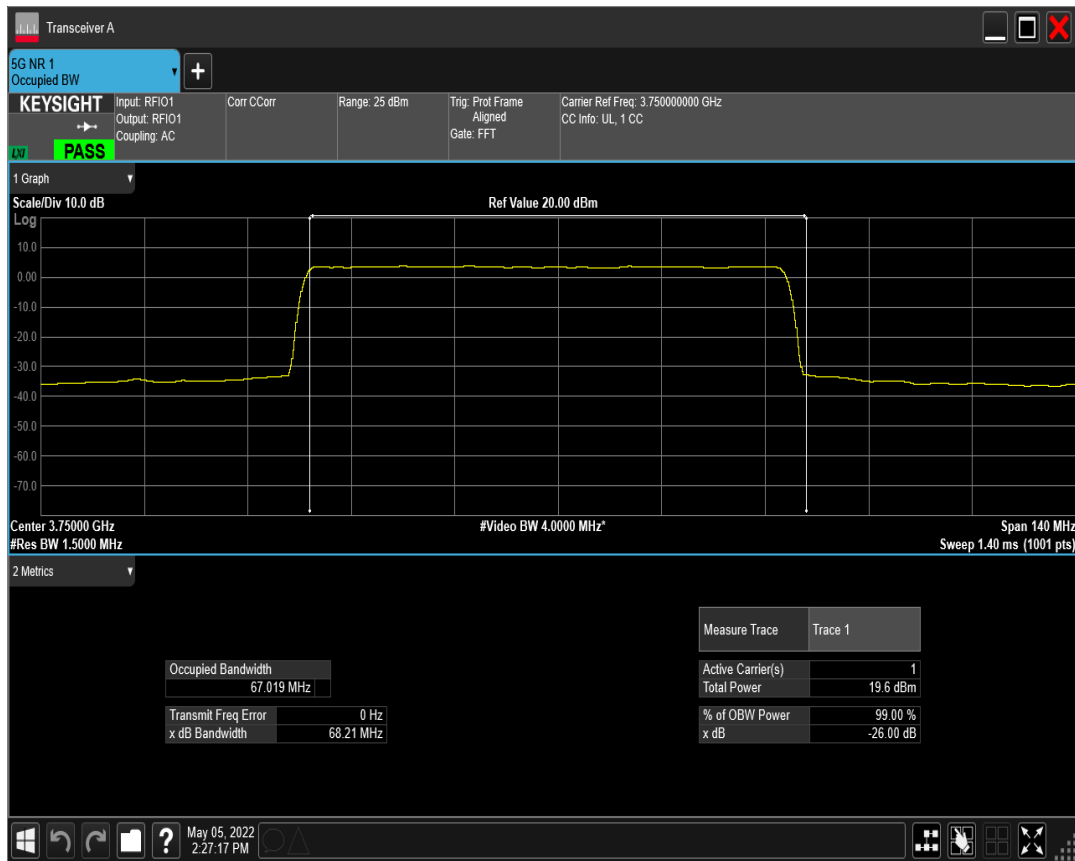
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n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=180@0



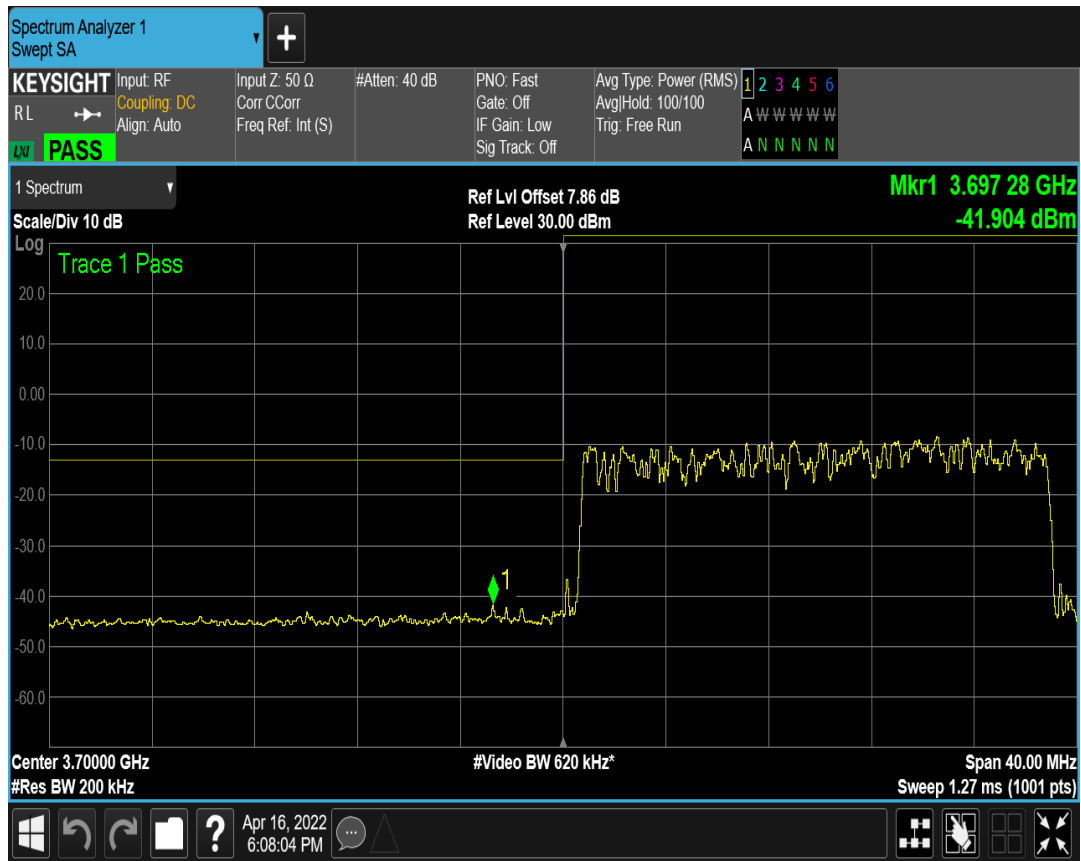
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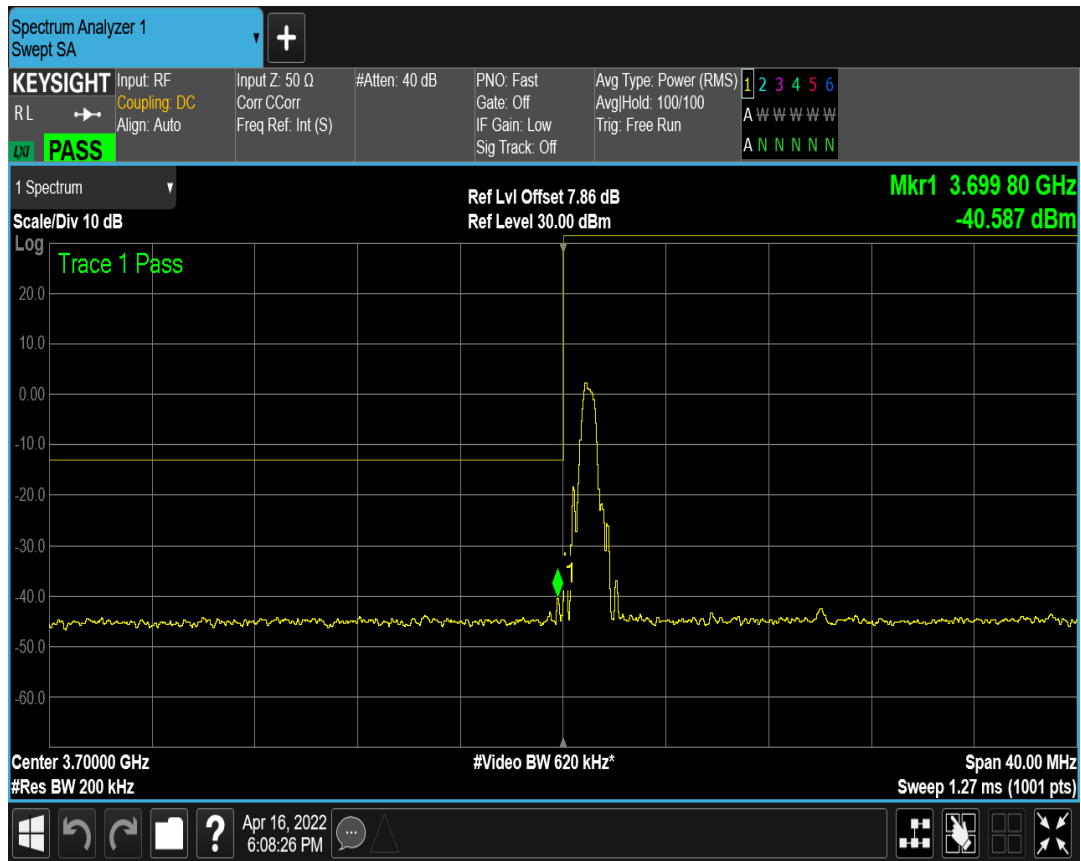
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	3697.28	-41.90	-13	PASS
n78(3700-3800)	30	20	647334	1@0	DFT_QPSK	3699.80	-40.58	-13	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	3802.48	-43.61	-13	PASS
n78(3700-3800)	30	20	652666	1@50	DFT_QPSK	3800.00	-31.00	-13	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	3700.00	-30.06	-13	PASS
n78(3700-3800)	30	100	650000	1@0	DFT_QPSK	3700.00	-41.53	-13	PASS

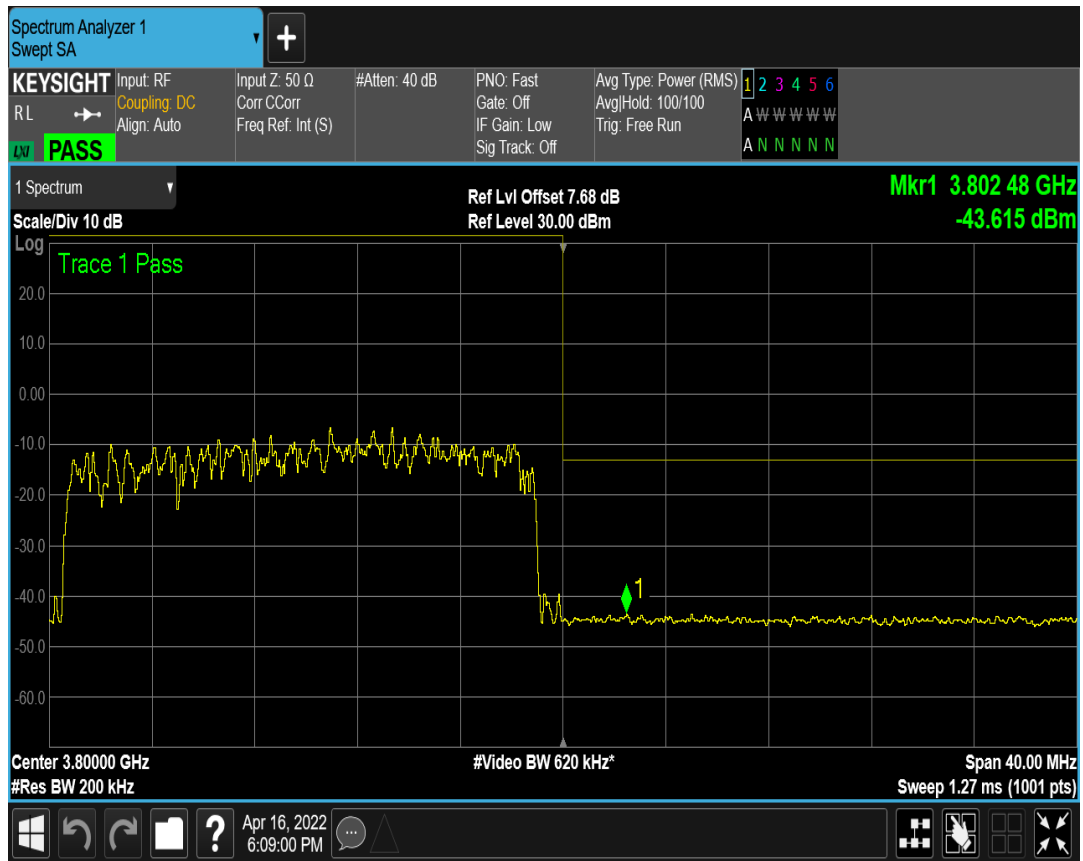
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



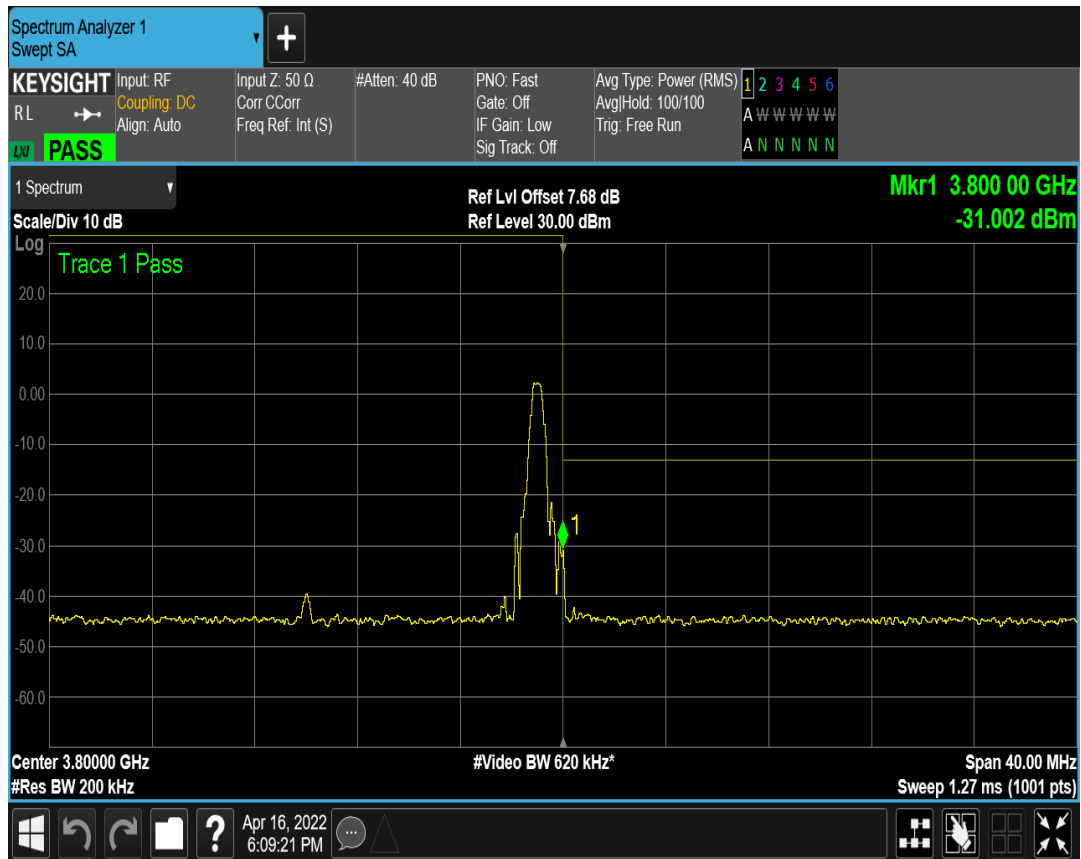
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=1@0



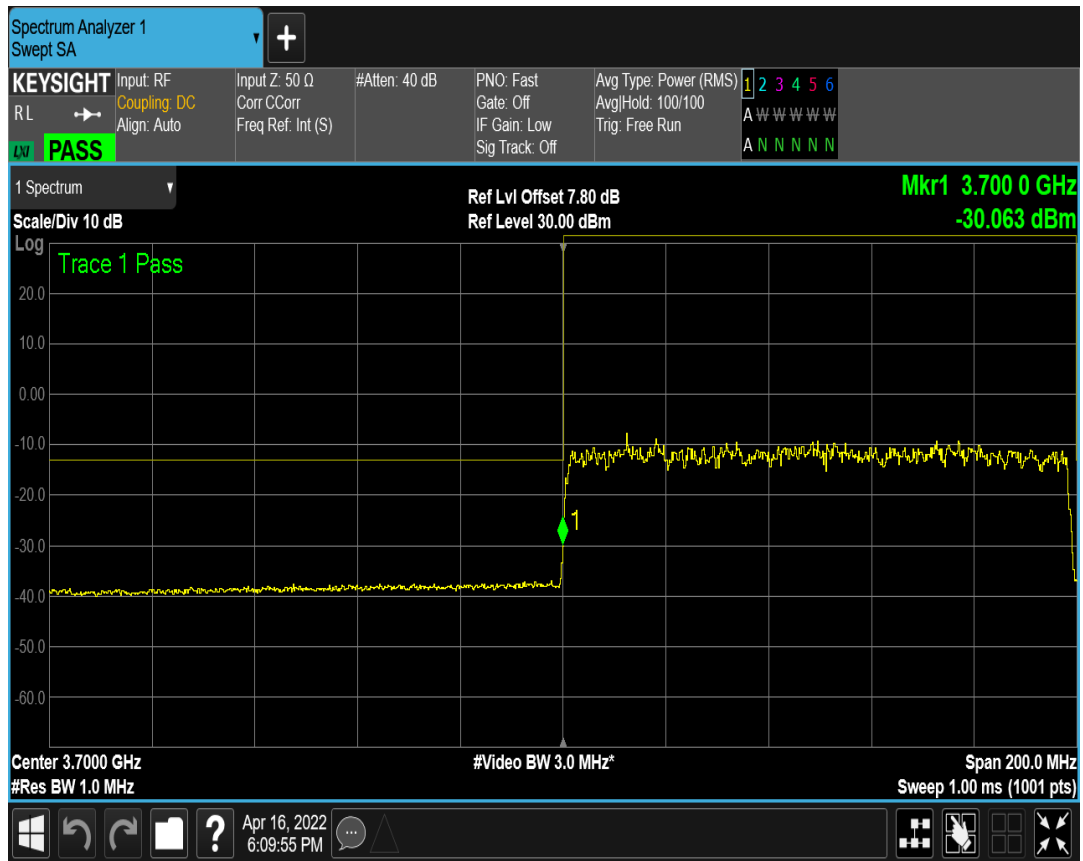
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=652666 RB=50@0



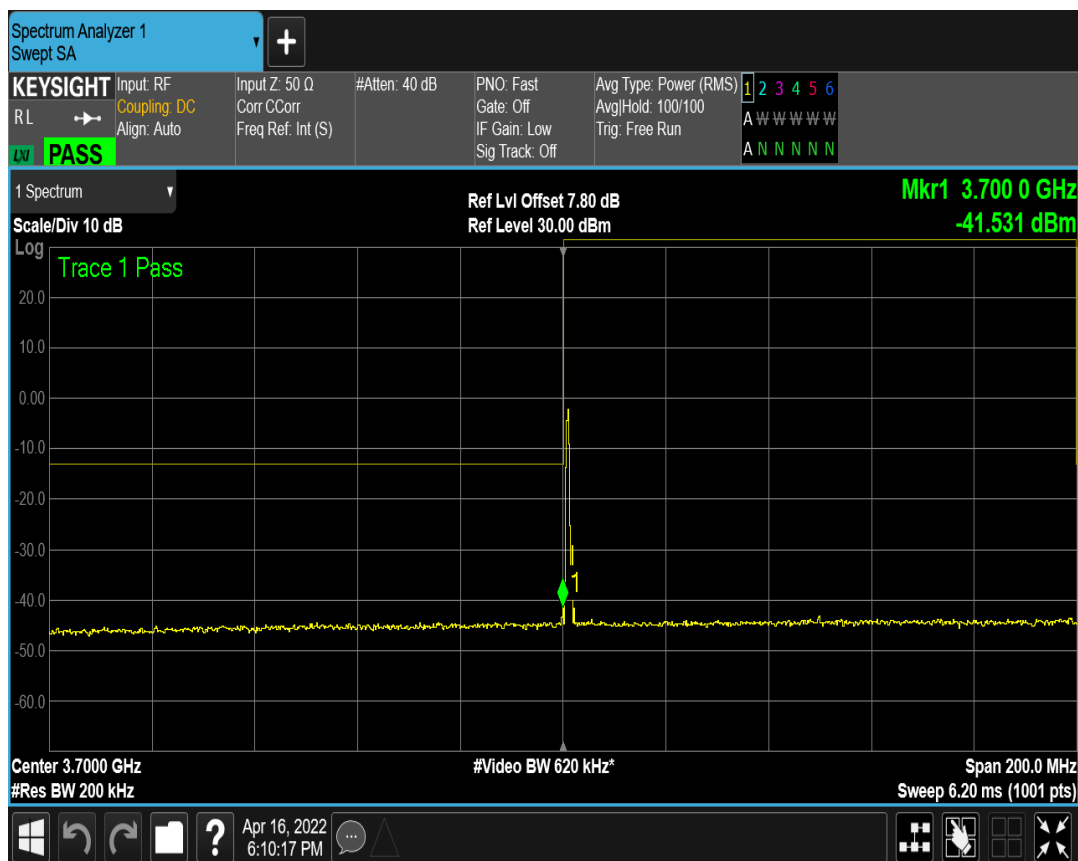
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=652666 RB=1@50



n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



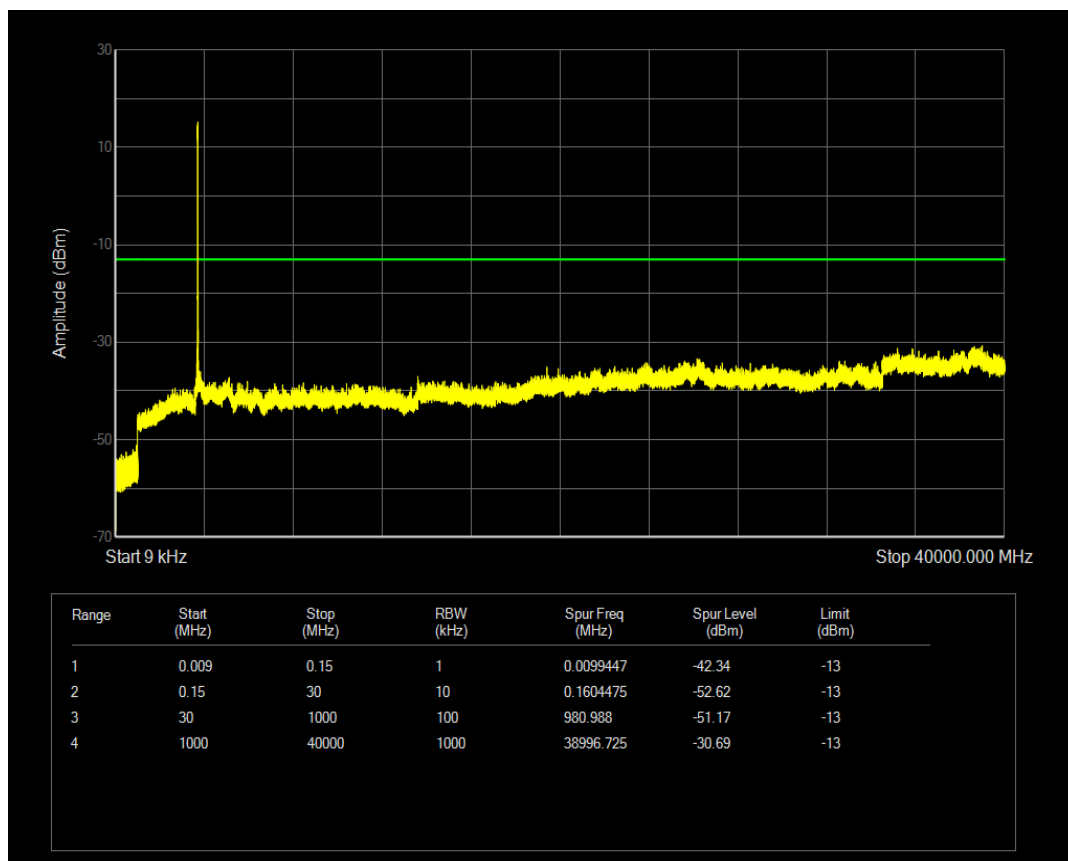
n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



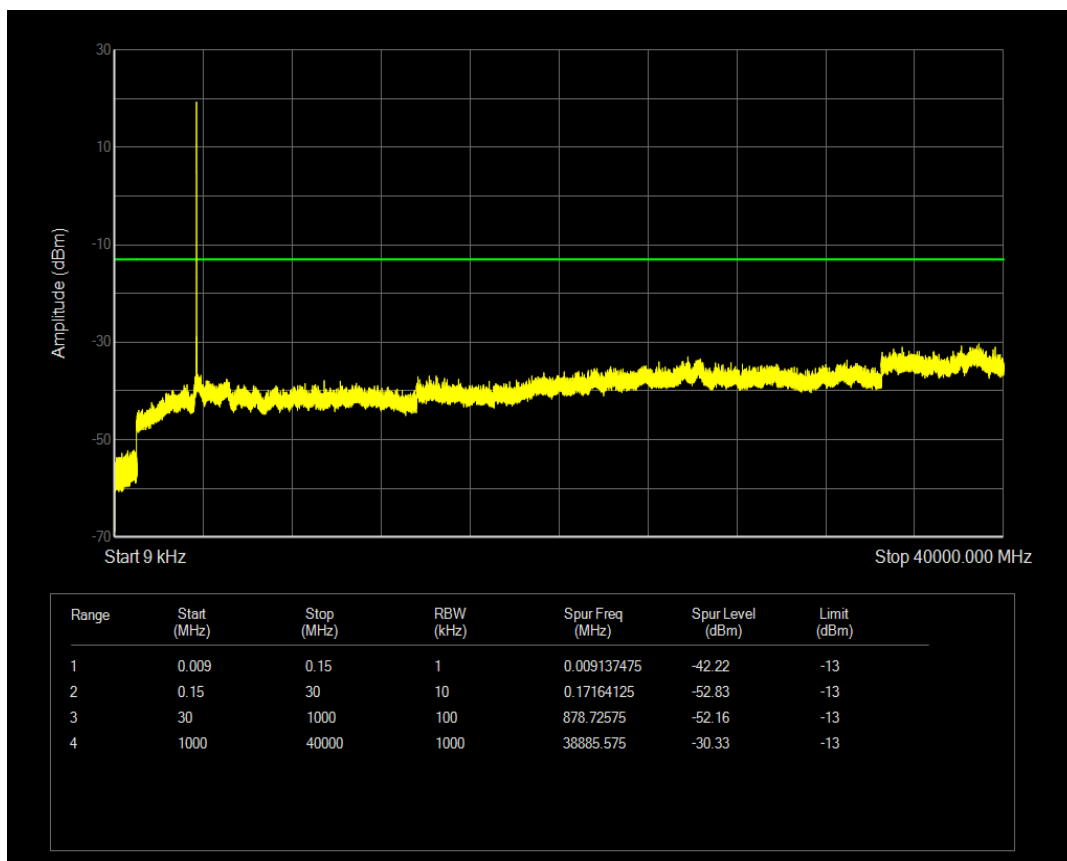
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	38996.73	-30.69	-13	PASS
n78(3700-3800)	30	20	647334	1@0	DFT_QPSK	38885.58	-30.33	-13	PASS
n78(3700-3800)	30	20	647334	1@50	DFT_QPSK	38107.53	-29.97	-13	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	38643.78	-30.70	-13	PASS
n78(3700-3800)	30	20	650000	1@0	DFT_QPSK	38837.80	-30.23	-13	PASS
n78(3700-3800)	30	20	650000	1@50	DFT_QPSK	38668.15	-30.00	-13	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	38500.45	-30.85	-13	PASS
n78(3700-3800)	30	20	652666	1@0	DFT_QPSK	38507.28	-30.12	-13	PASS
n78(3700-3800)	30	20	652666	1@50	DFT_QPSK	38539.45	-30.74	-13	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	38175.78	-30.96	-13	PASS
n78(3700-3800)	30	100	650000	1@0	DFT_QPSK	39049.38	-30.47	-13	PASS
n78(3700-3800)	30	100	650000	1@272	DFT_QPSK	38070.48	-30.53	-13	PASS

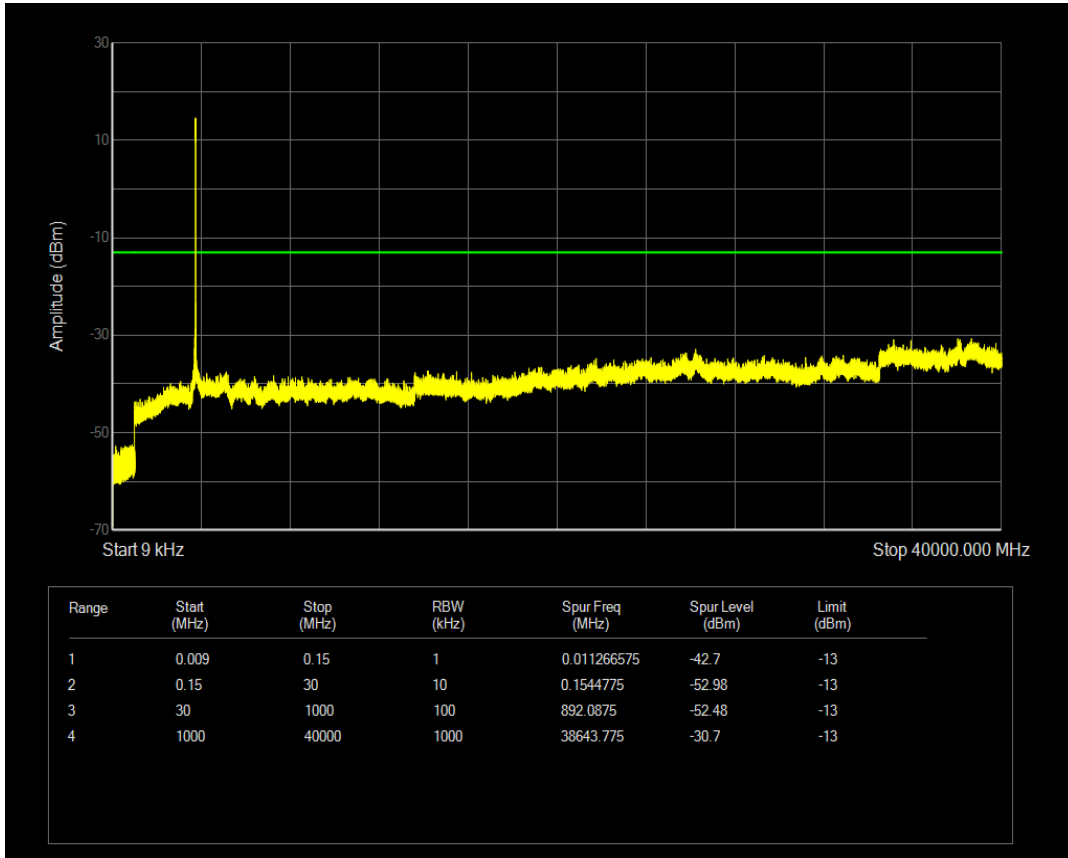
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=50@0



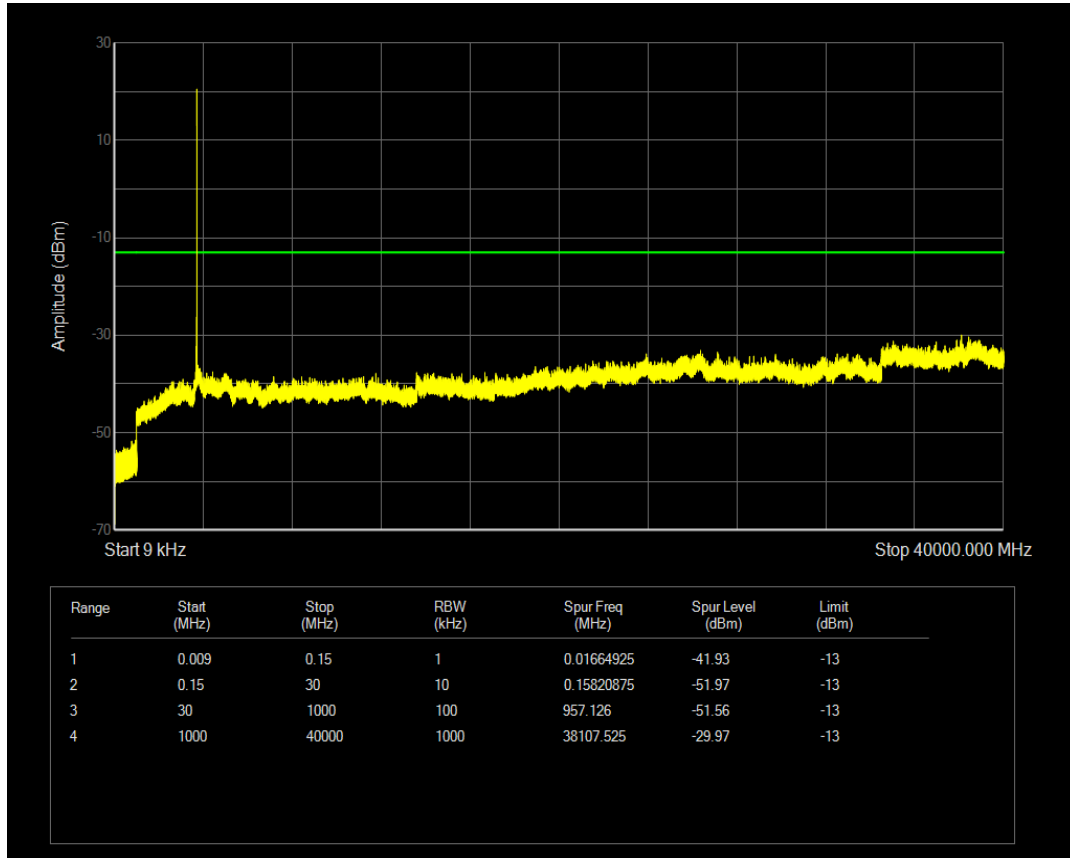
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=1@0



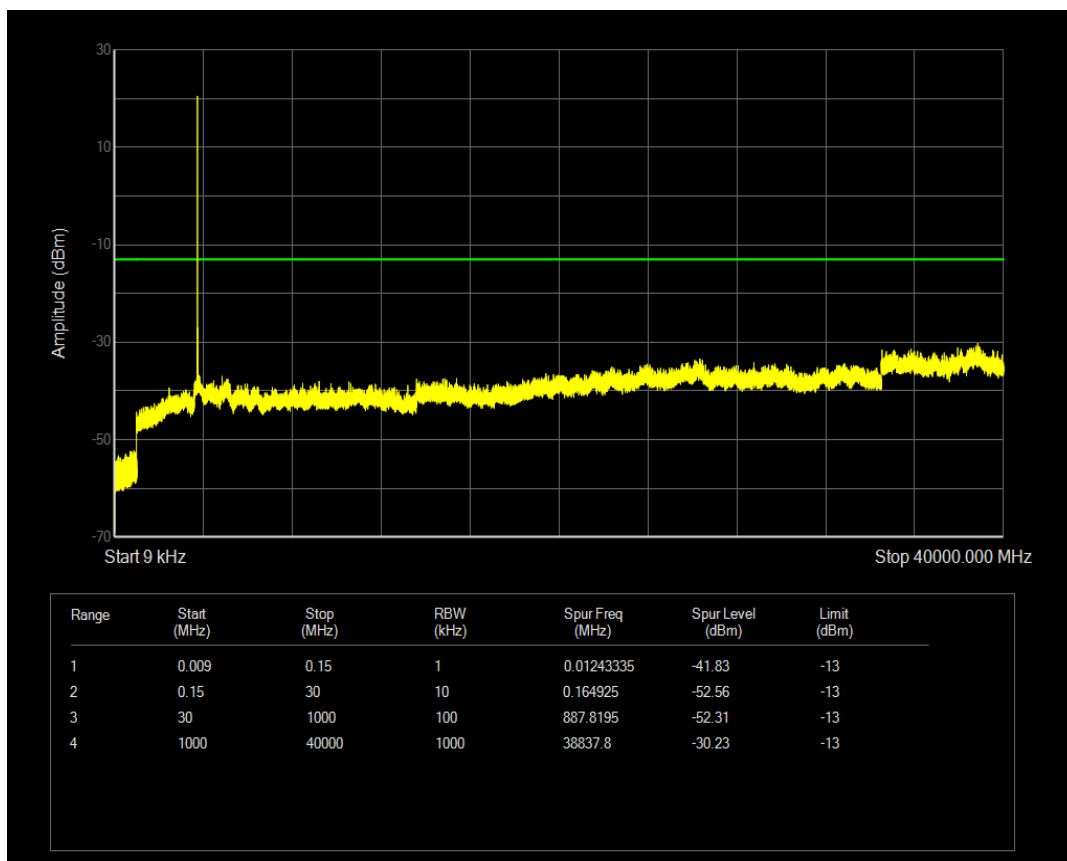
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=50@0



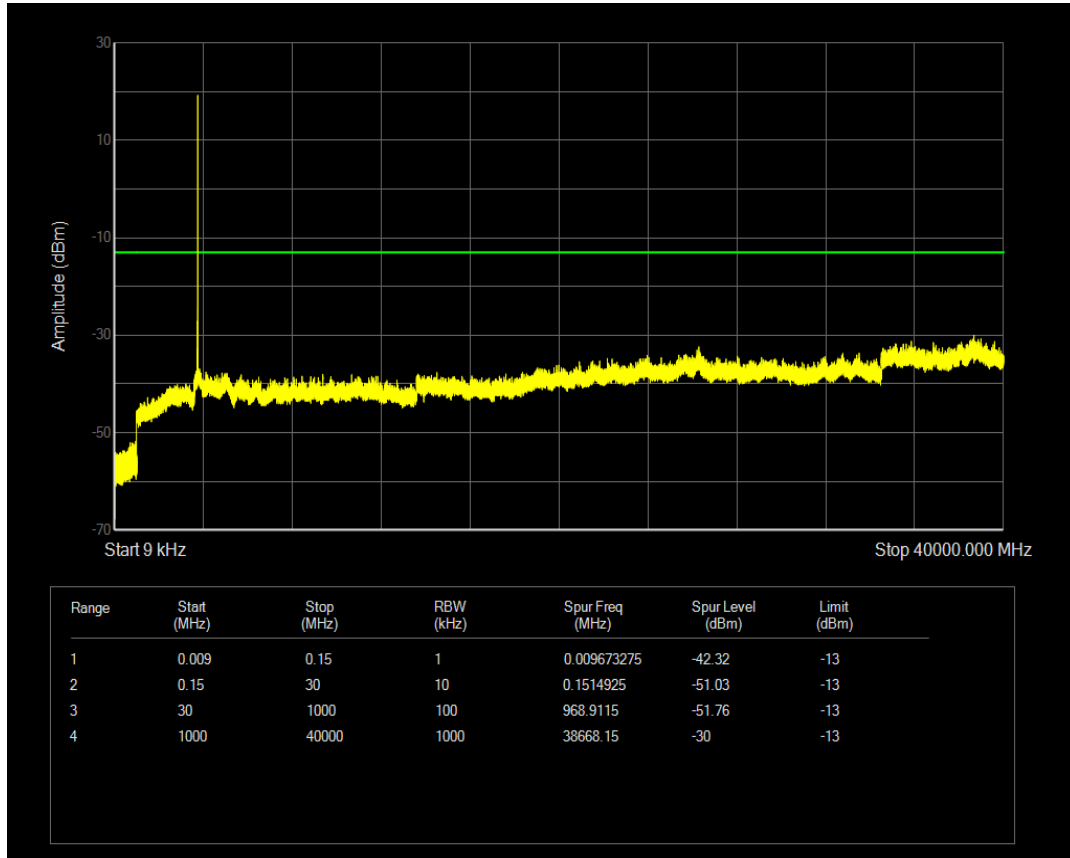
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=647334 RB=1@50



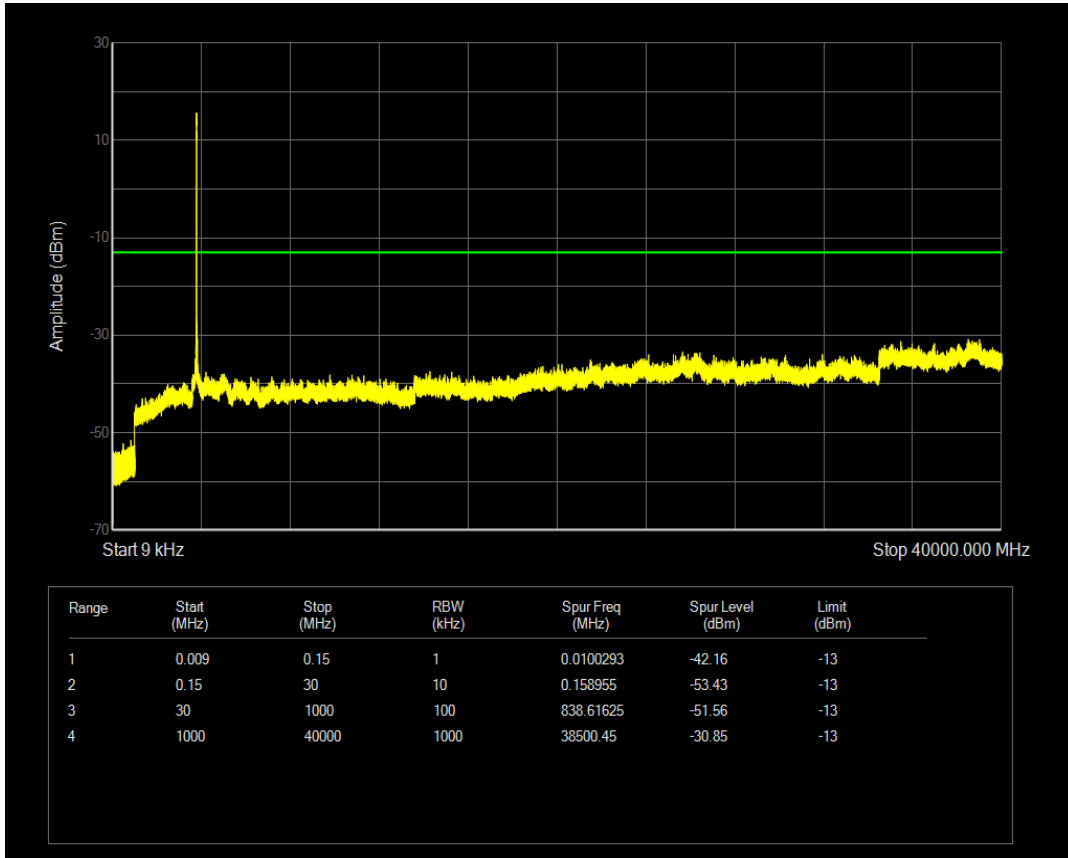
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=1@0



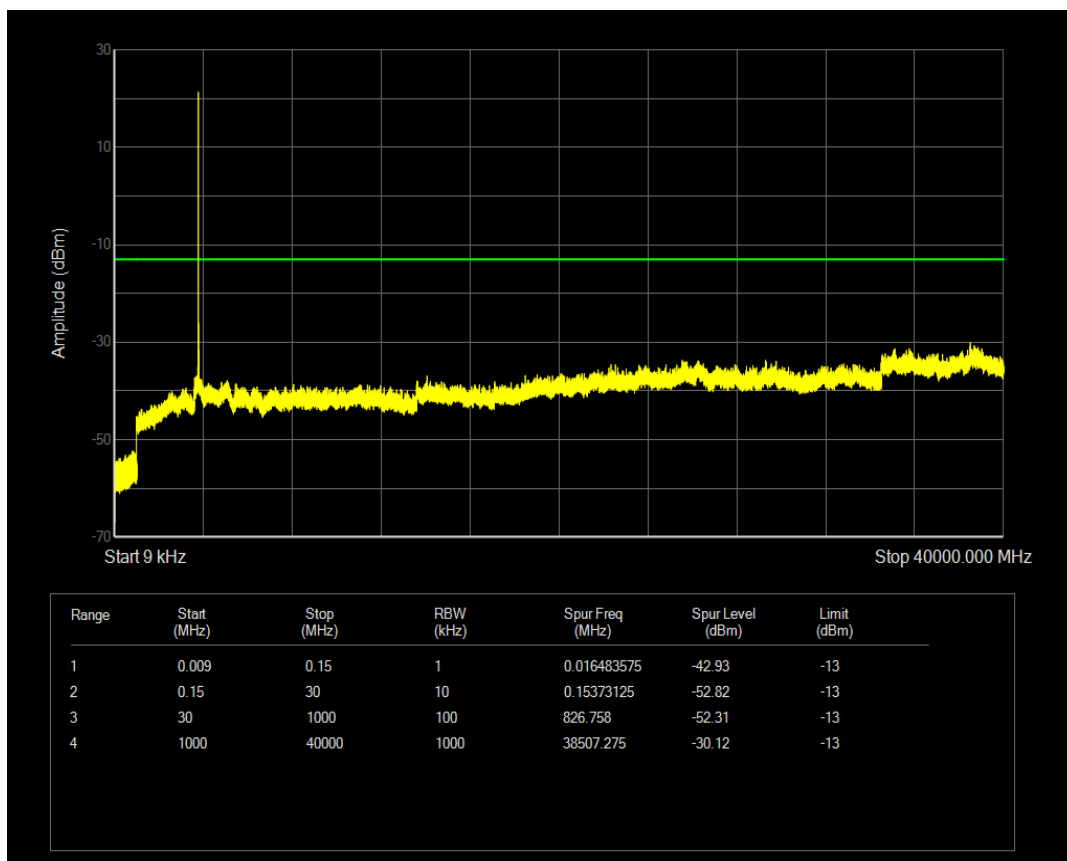
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=650000 RB=1@50



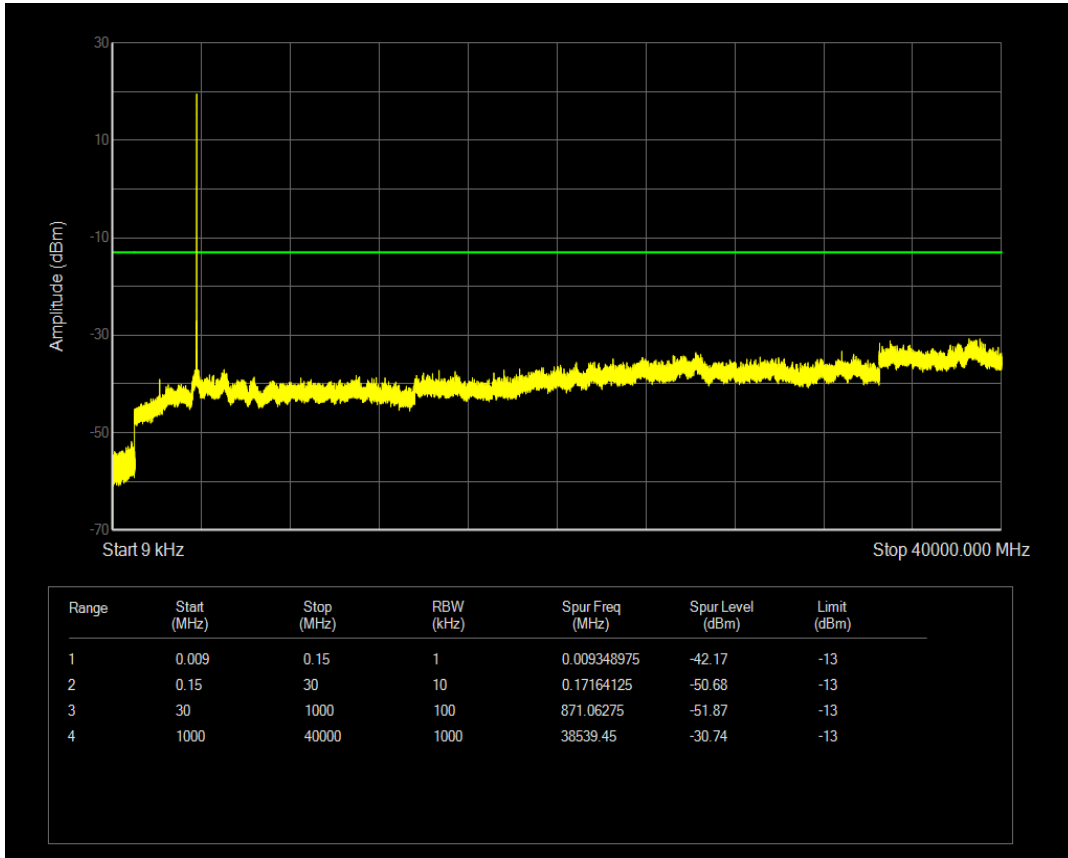
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=652666 RB=50@0



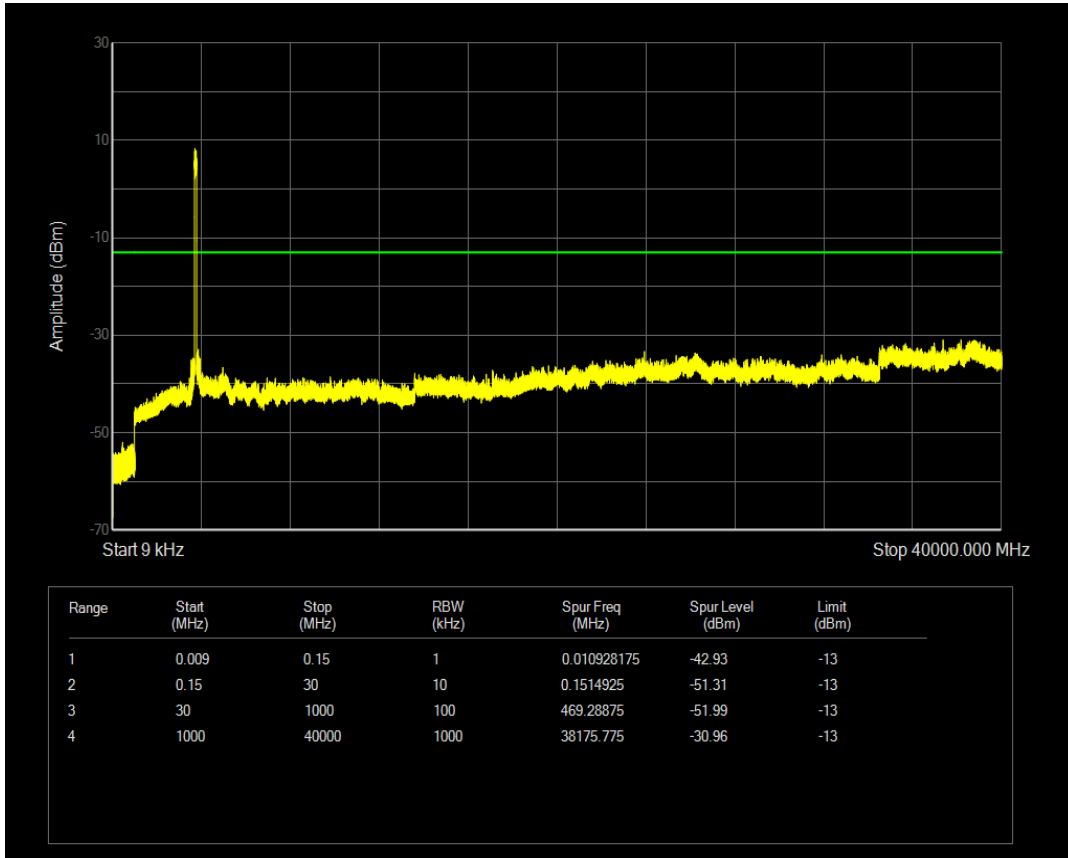
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=652666 RB=1@0



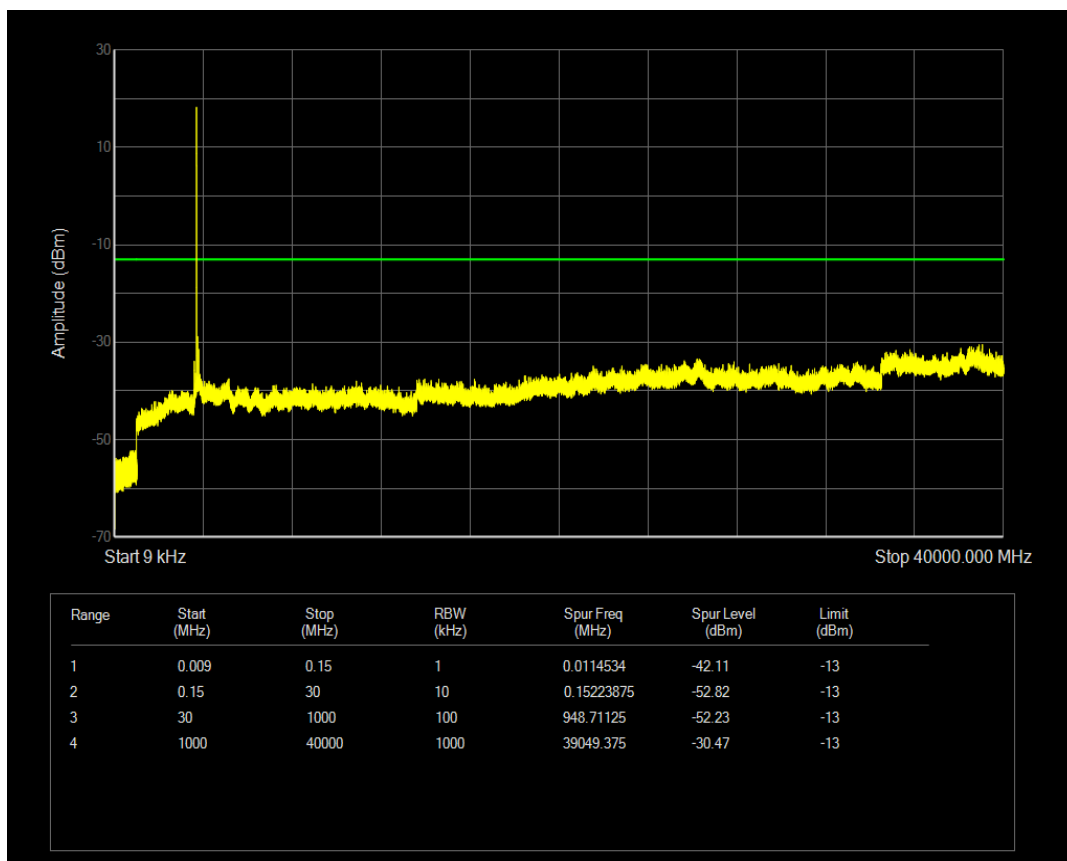
n78(3700-3800) SCS=30kHz DFT_QPSK BW=20MHz Channel=652666 RB=1@50



n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@272

