



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



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



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



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



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



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



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



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



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



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



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



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



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



n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



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



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



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



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



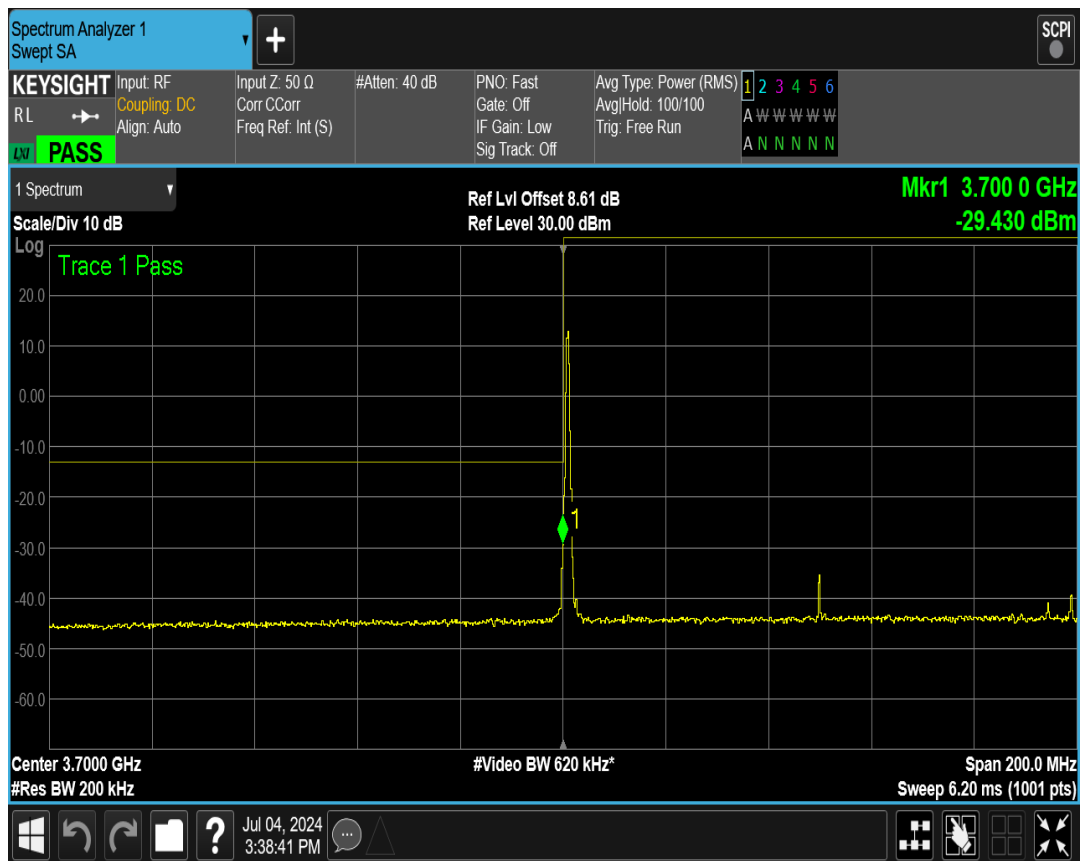
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



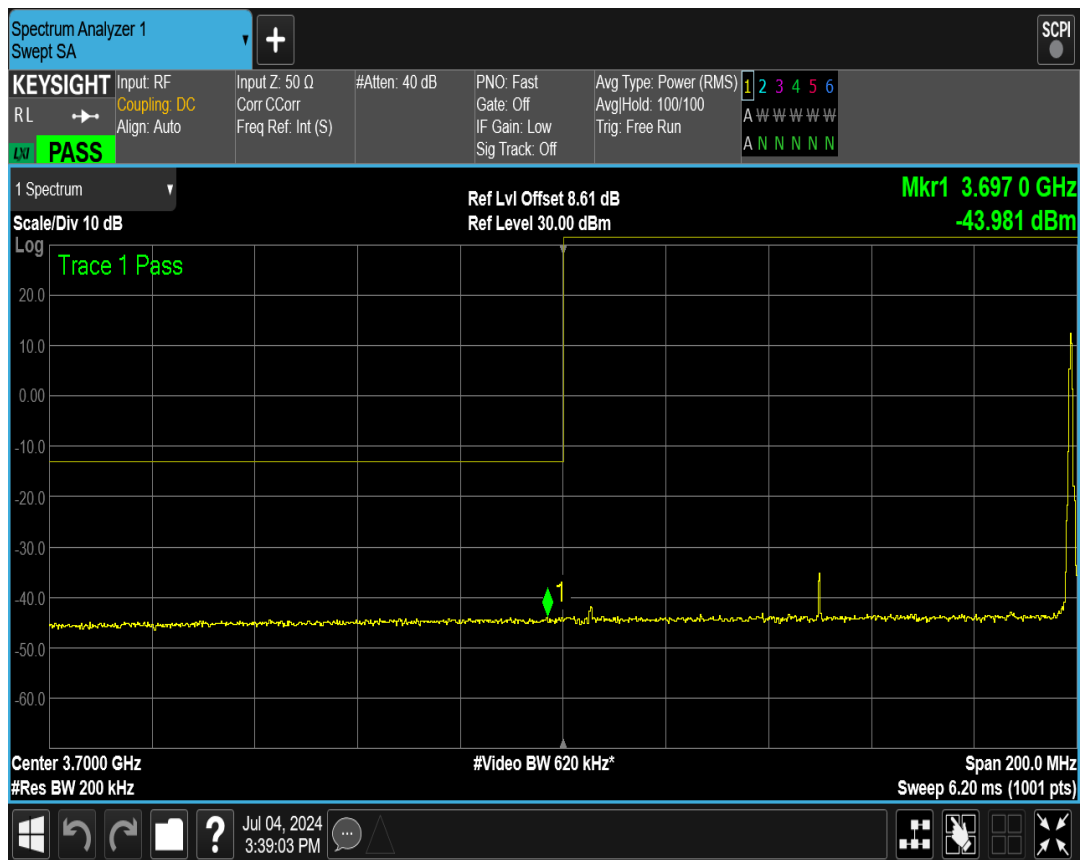
5 Band edge for NR FR1

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	3699.98	-34.32	-13	PASS
n77(3700-3980)	30	10	647000	1@0	CP_QPSK	3700.00	-29.18	-13	PASS
n77(3700-3980)	30	10	647000	1@23	CP_QPSK	3692.70	-42.89	-13	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	3980.22	-34.97	-13	PASS
n77(3700-3980)	30	10	665000	1@0	CP_QPSK	3984.88	-44.15	-13	PASS
n77(3700-3980)	30	10	665000	1@23	CP_QPSK	3980.06	-33.43	-13	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	3698.40	-33.59	-13	PASS
n77(3700-3980)	30	50	648334	1@0	CP_QPSK	3700.00	-35.69	-13	PASS
n77(3700-3980)	30	50	648334	1@132	CP_QPSK	3689.20	-43.89	-13	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	3985.30	-33.97	-13	PASS
n77(3700-3980)	30	50	663666	1@0	CP_QPSK	3982.70	-44.63	-13	PASS
n77(3700-3980)	30	50	663666	1@132	CP_QPSK	3980.00	-31.76	-13	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	3700.00	-21.07	-13	PASS
n77(3700-3980)	30	100	650000	1@0	CP_QPSK	3700.00	-29.43	-13	PASS
n77(3700-3980)	30	100	650000	1@272	CP_QPSK	3697.00	-43.98	-13	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	3980.00	-19.39	-13	PASS
n77(3700-3980)	30	100	662000	1@0	CP_QPSK	3986.00	-44.60	-13	PASS
n77(3700-3980)	30	100	662000	1@272	CP_QPSK	3980.00	-39.50	-13	PASS

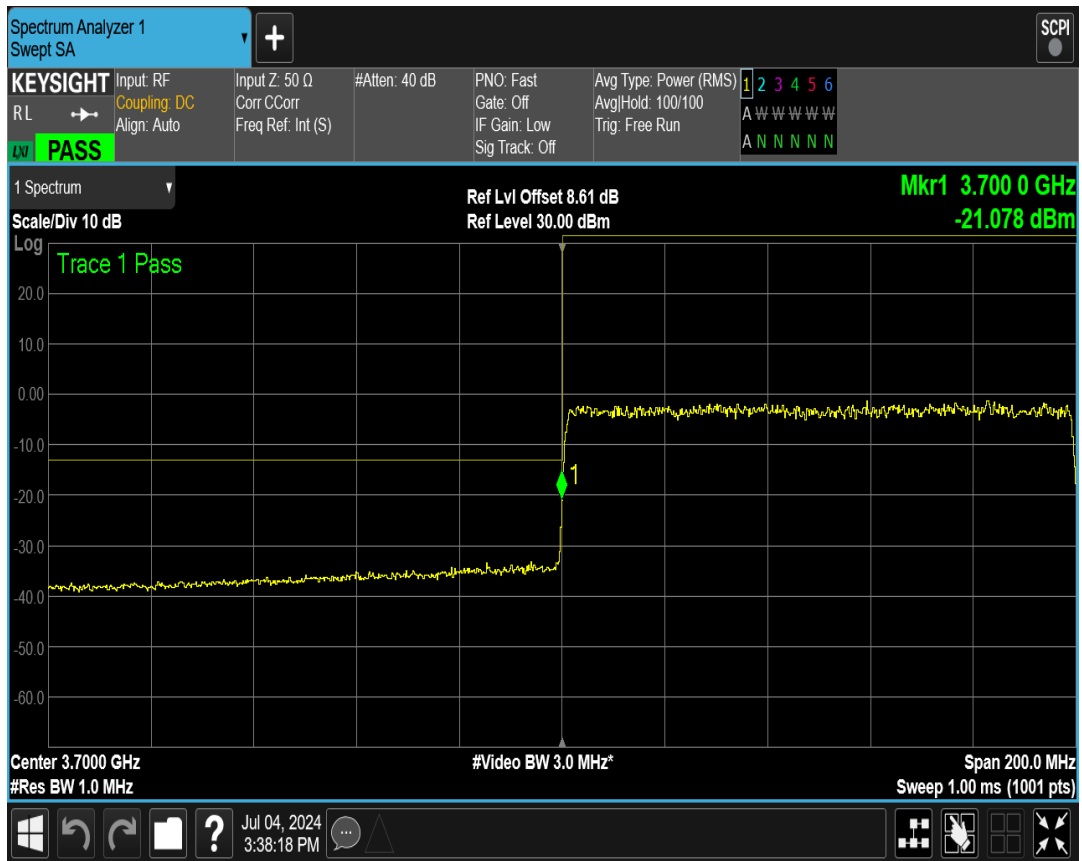
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0



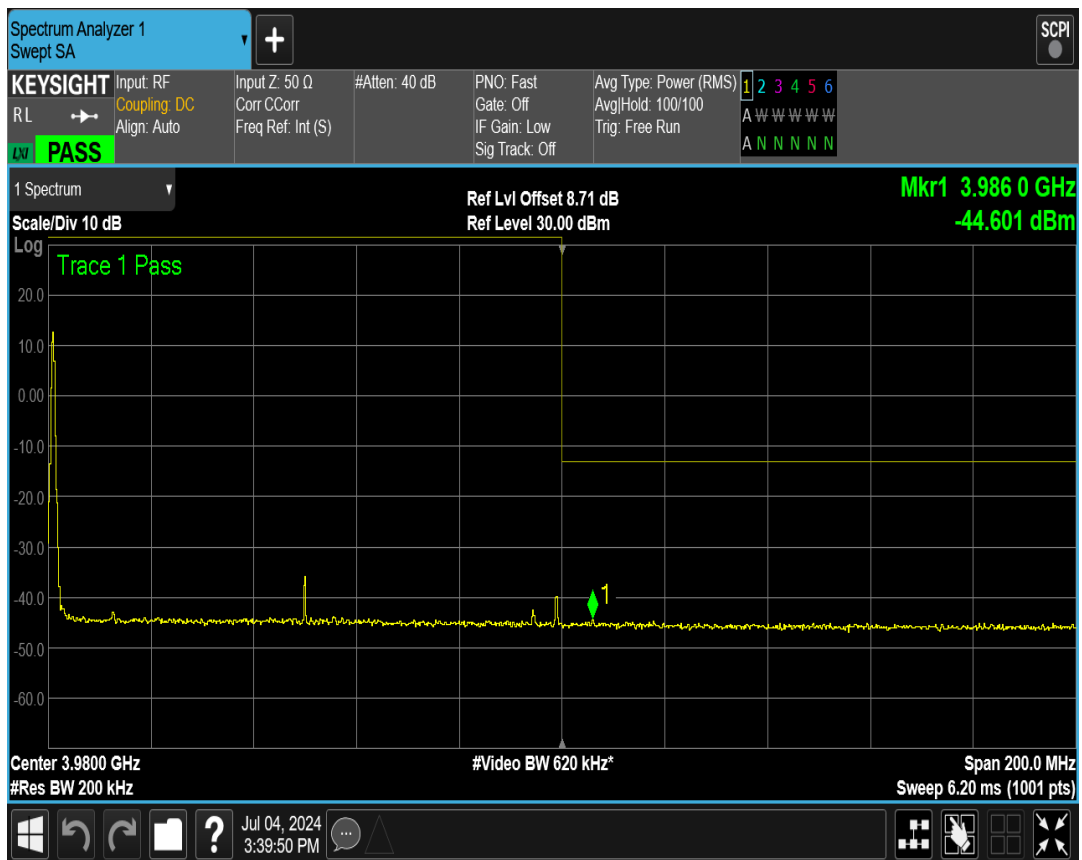
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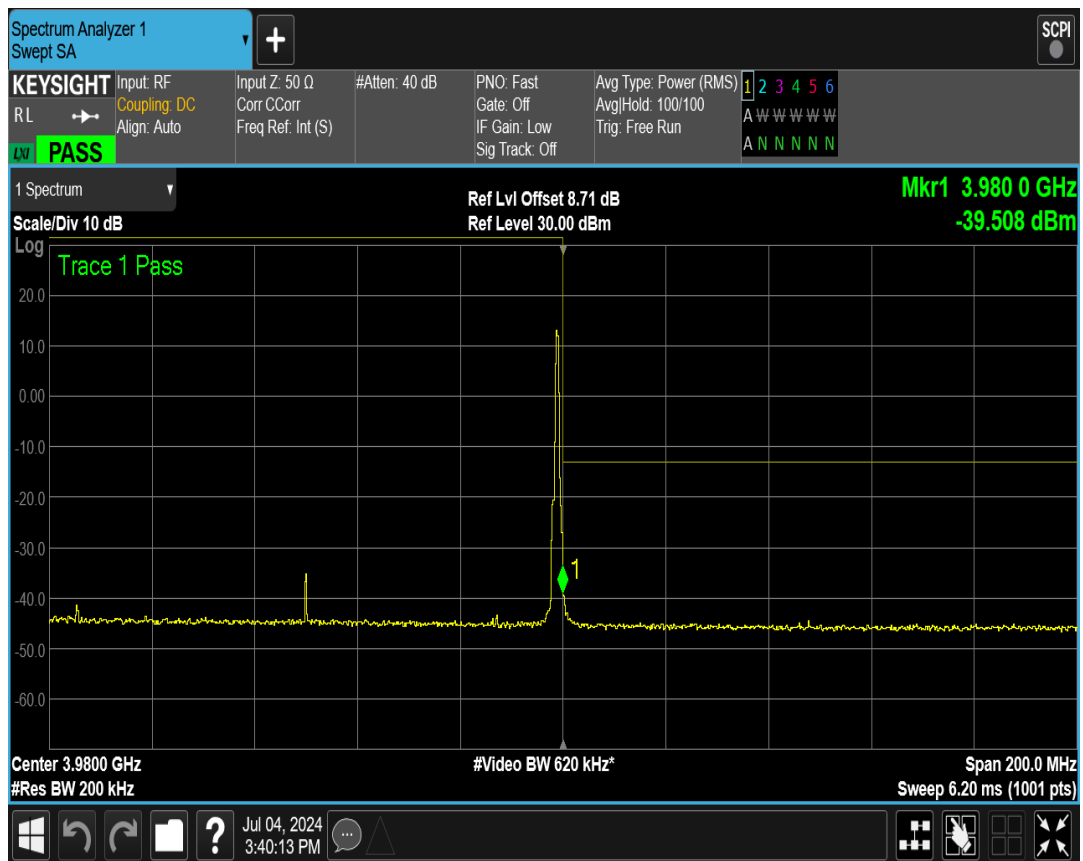
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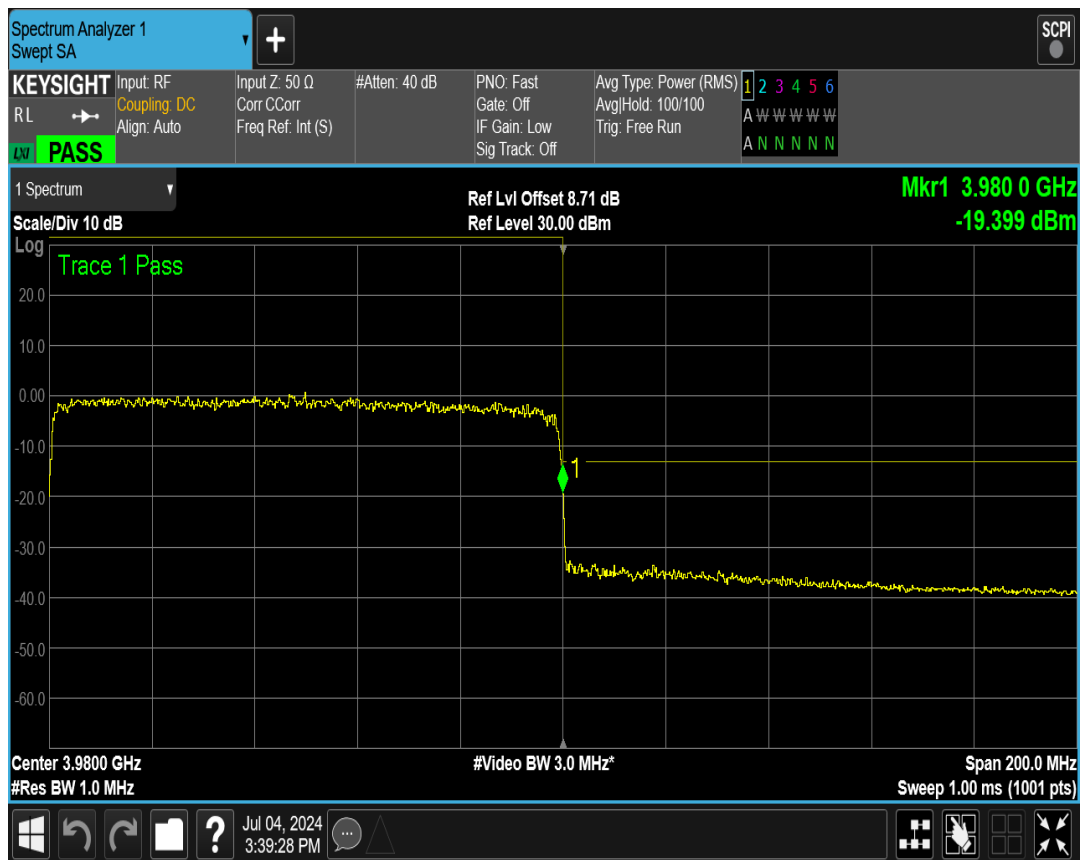
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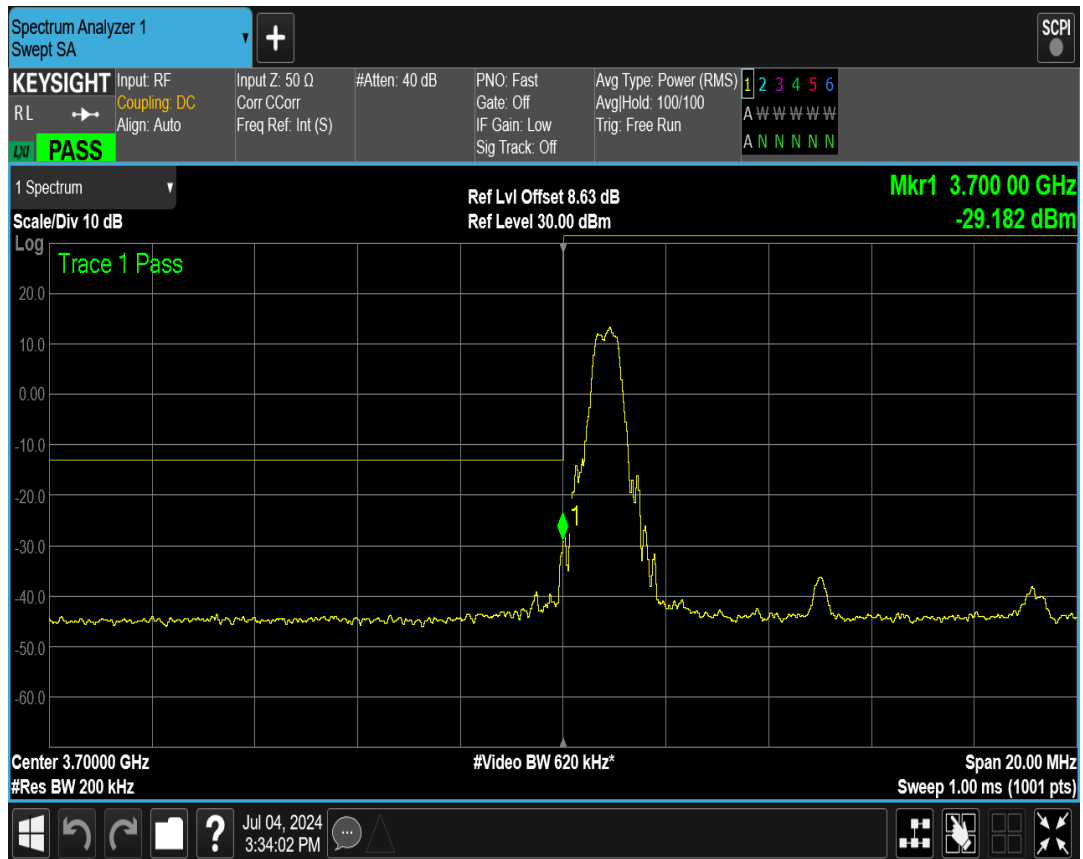
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=1@272



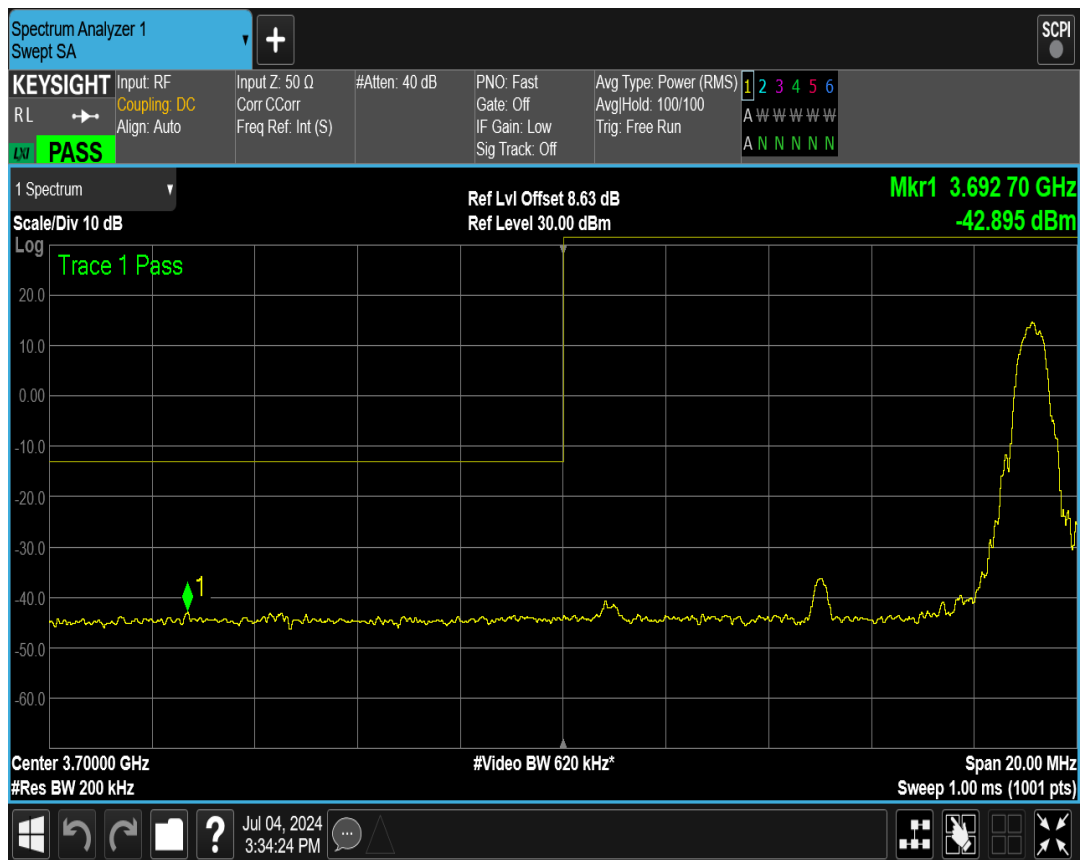
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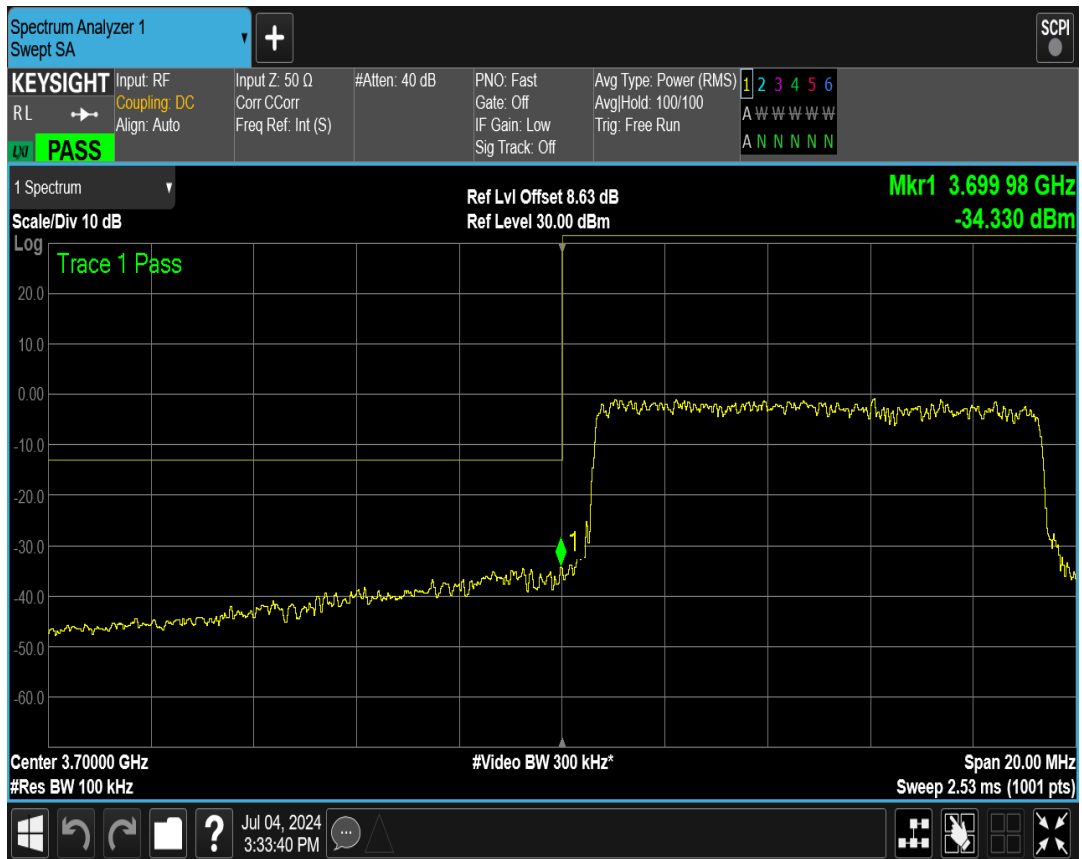
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=1@0



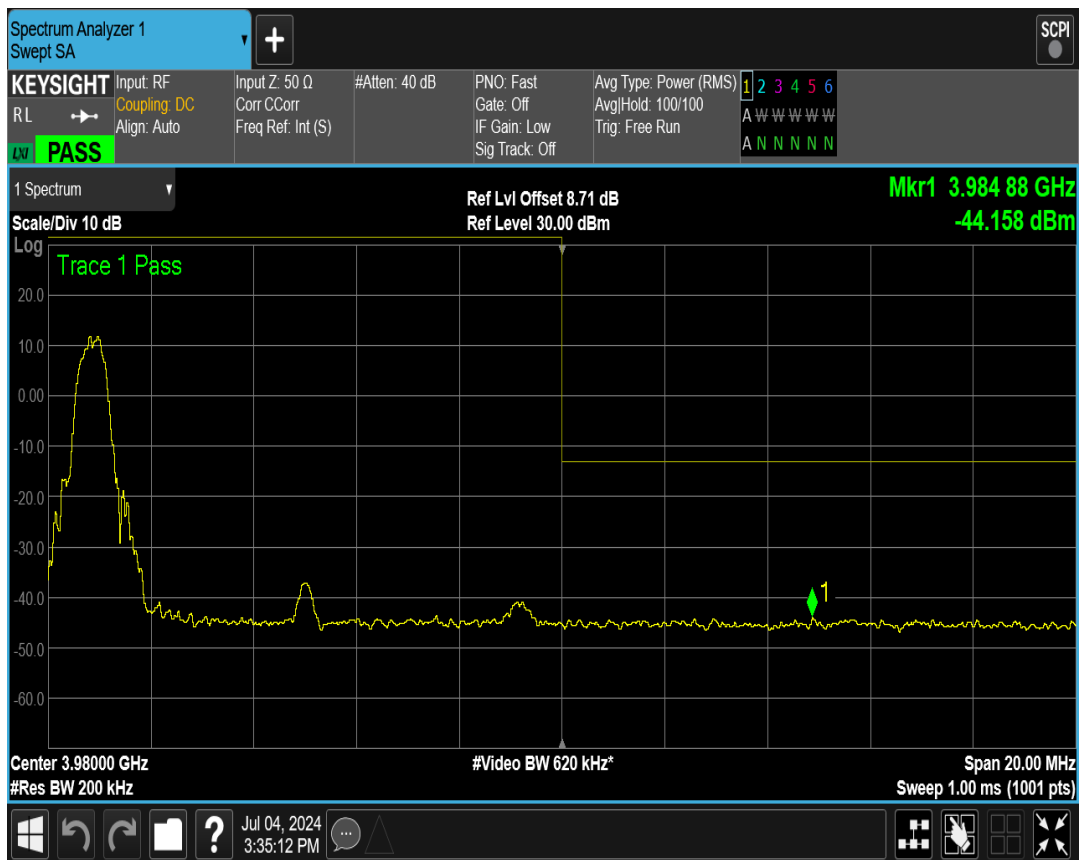
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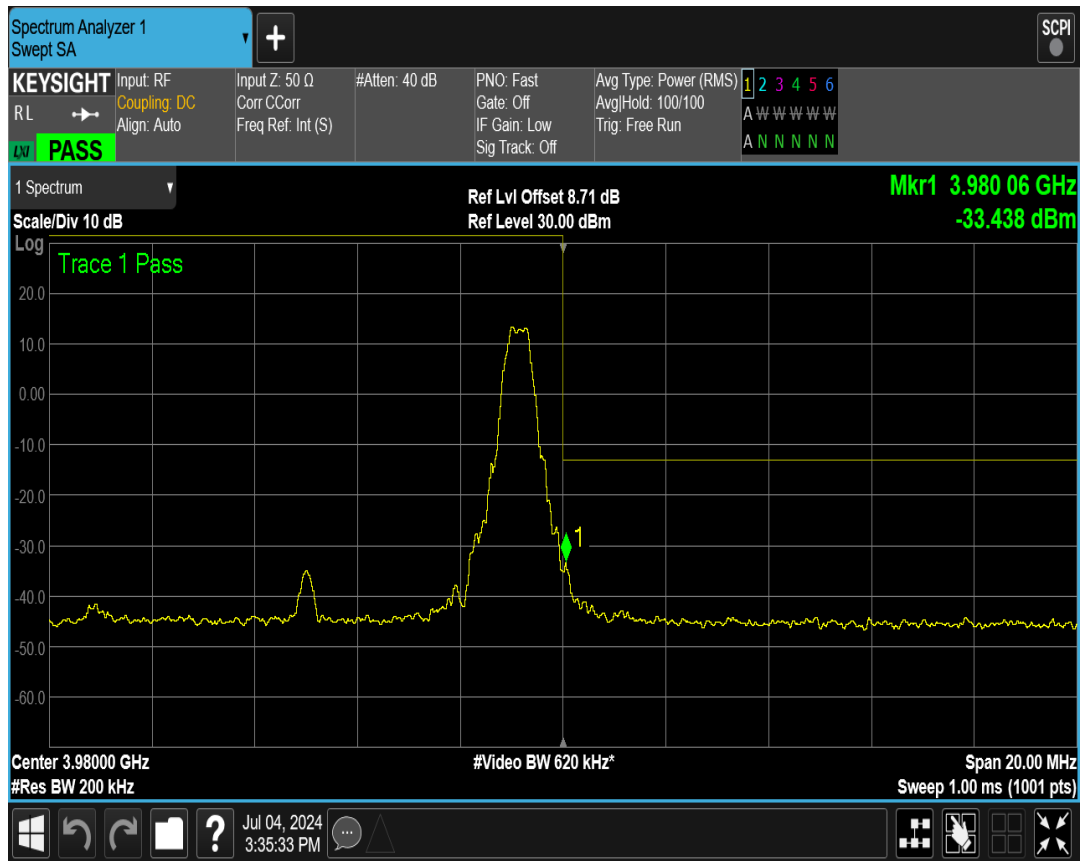
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=24@0



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



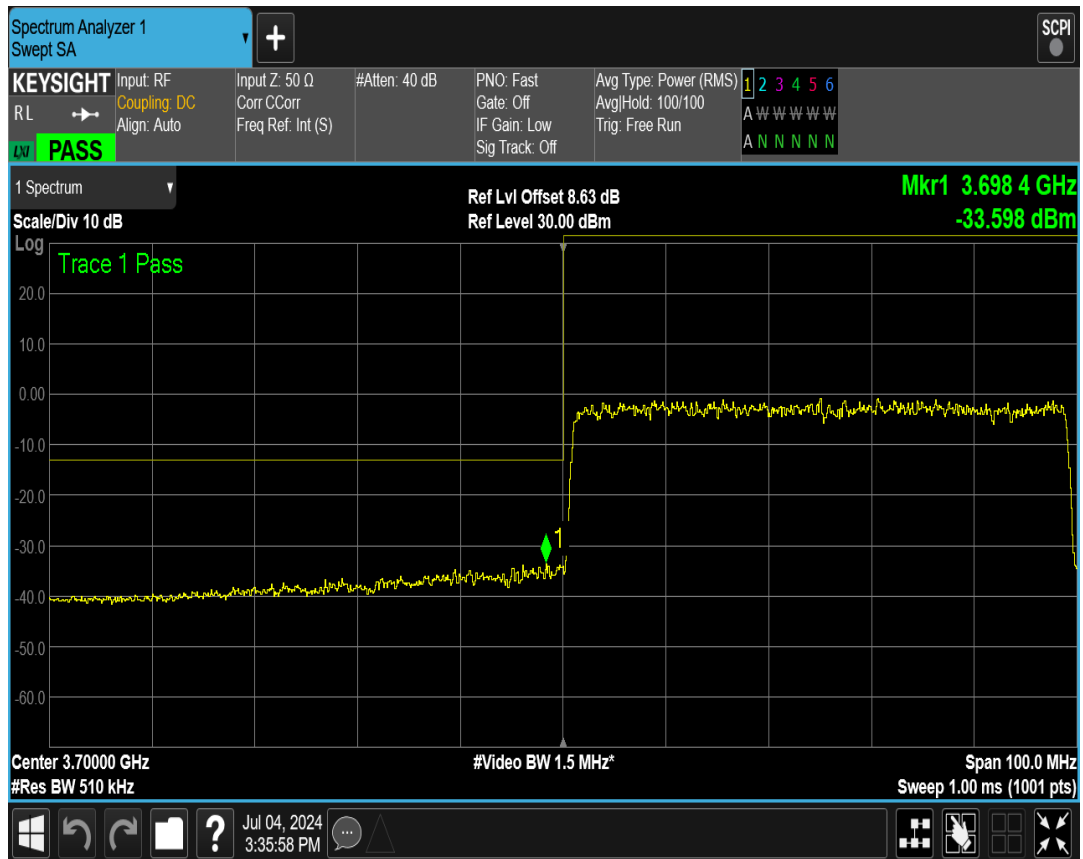
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=1@23



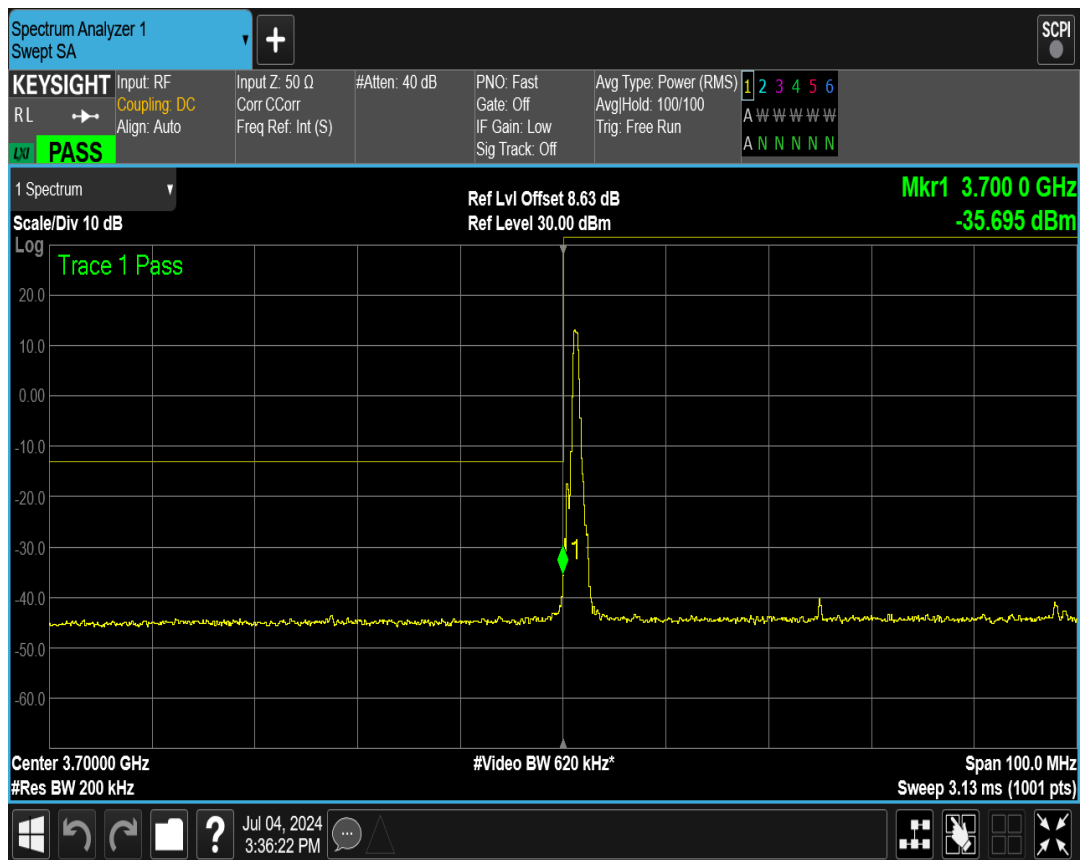
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=24@0



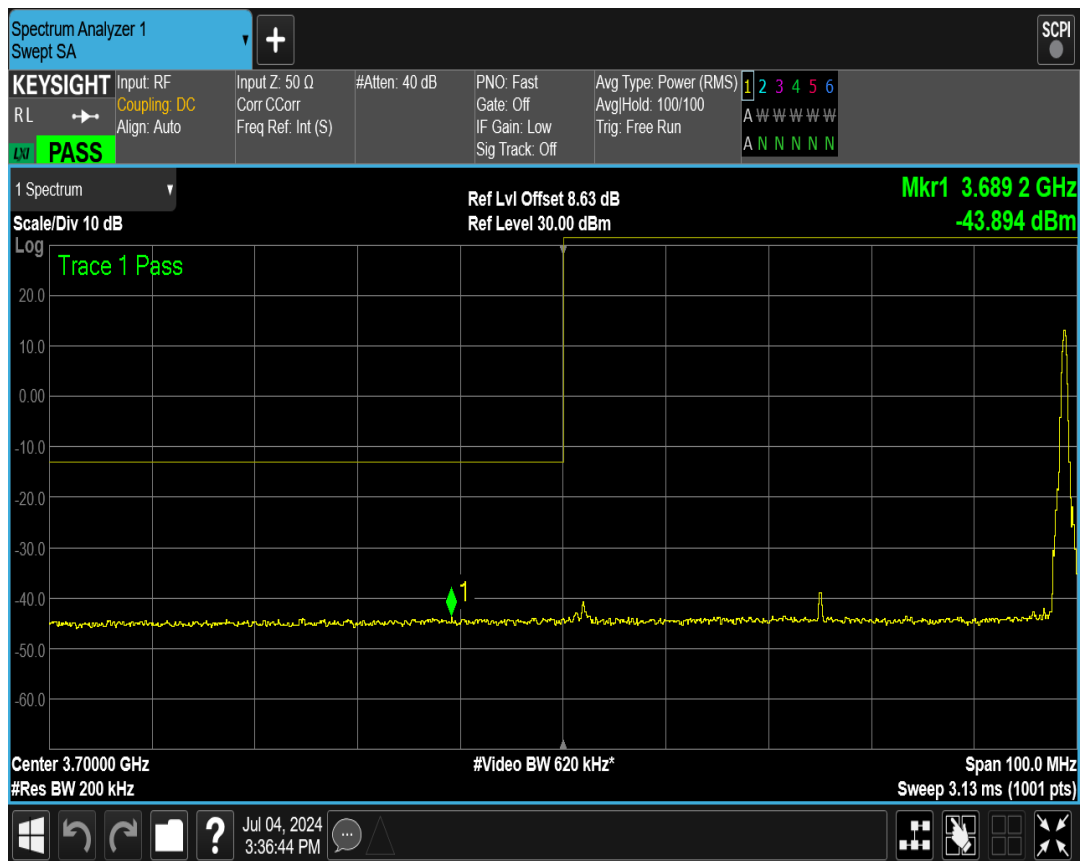
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=133@0



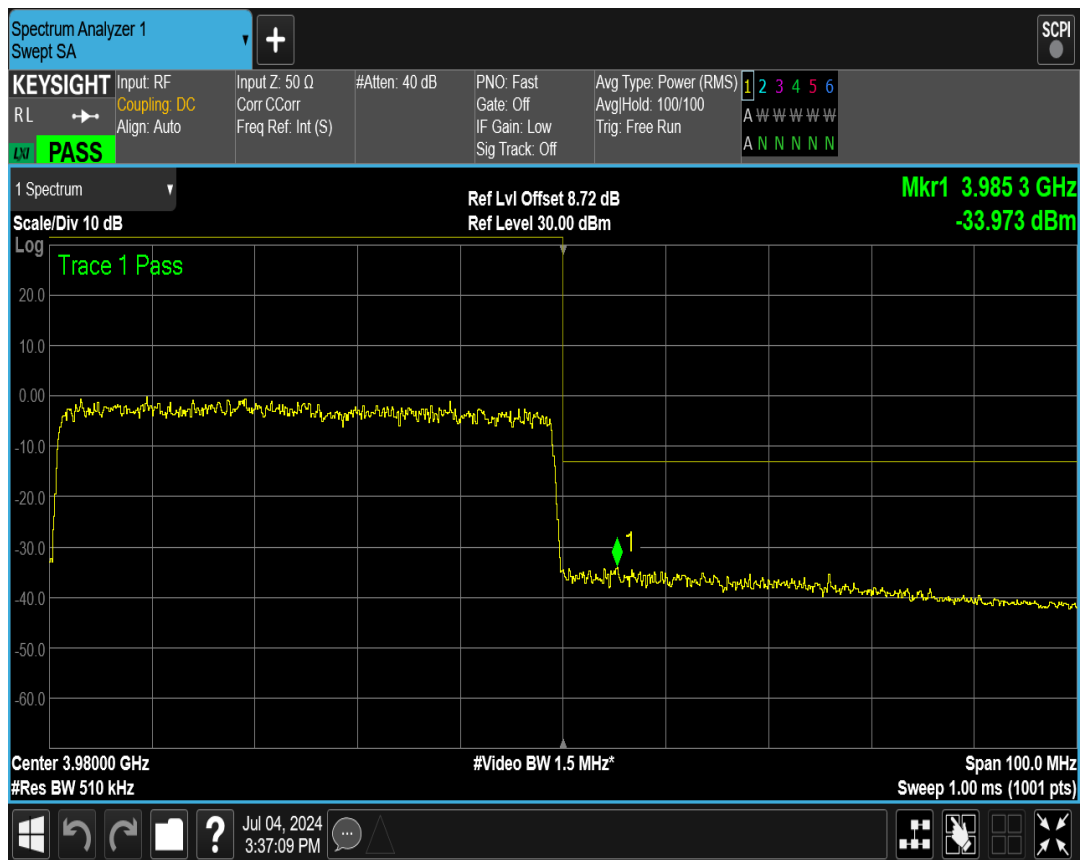
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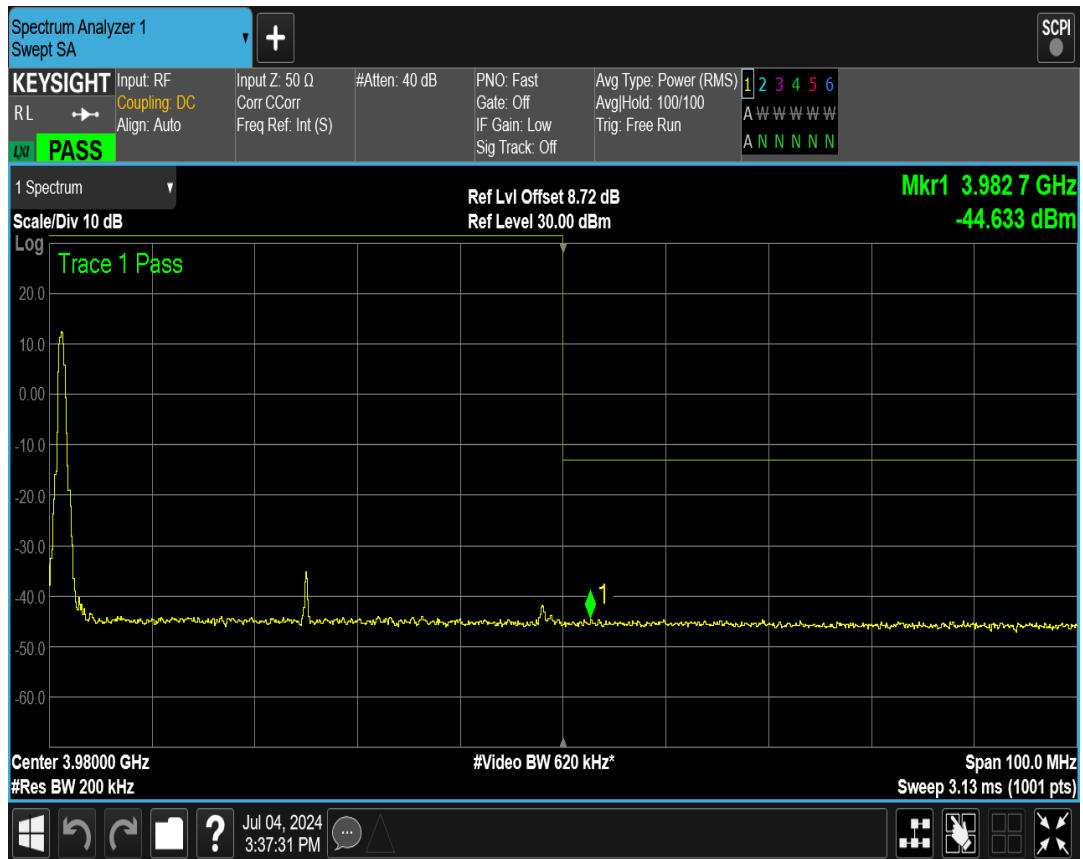
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=1@132



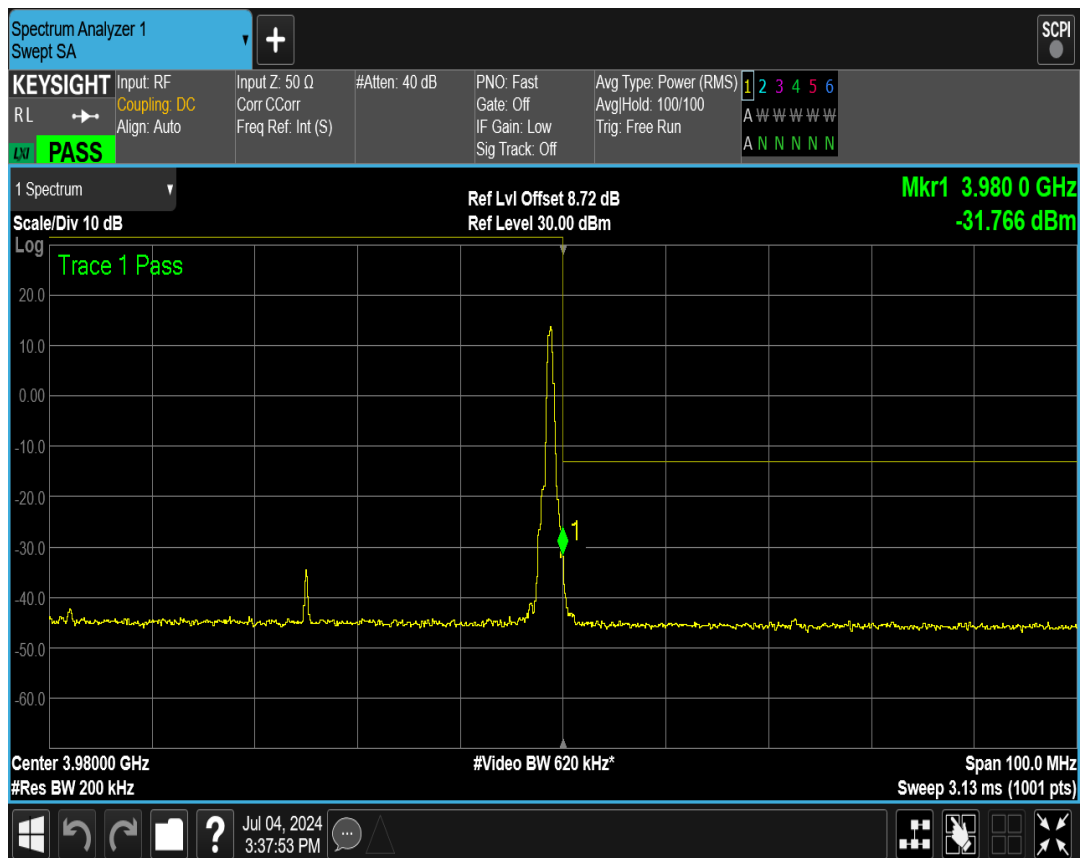
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=133@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=1@0



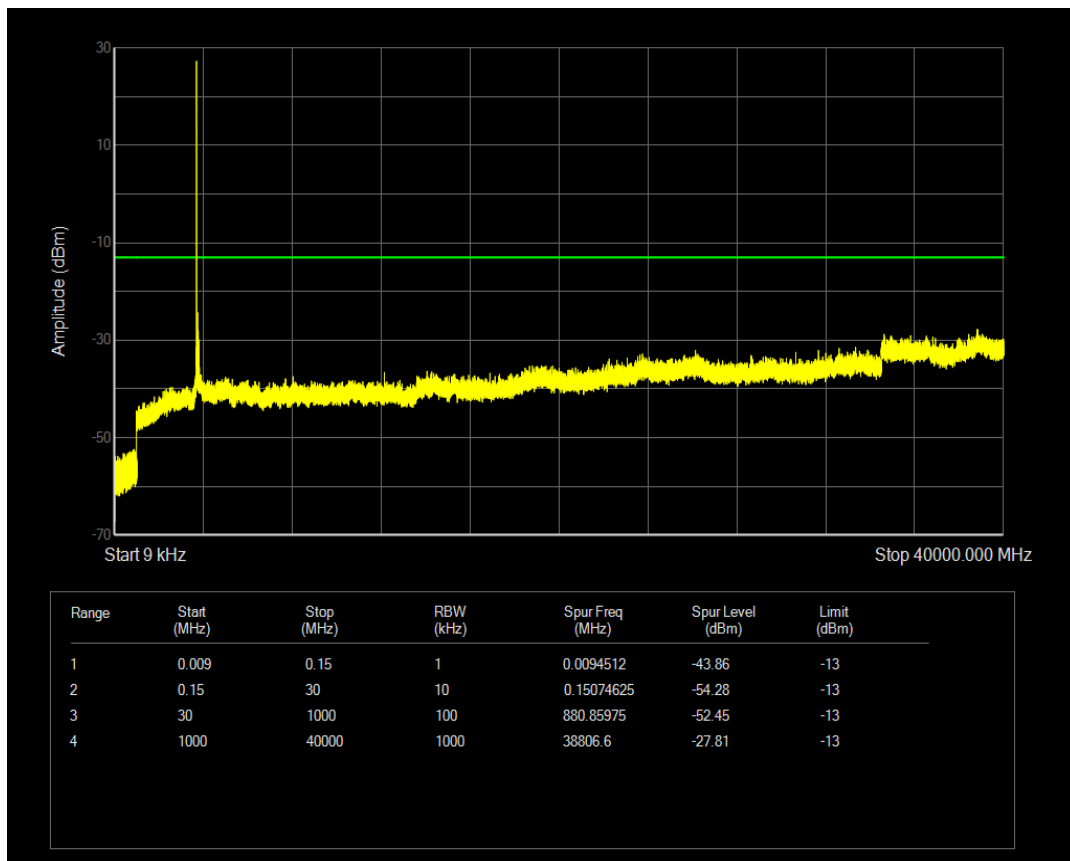
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=1@132



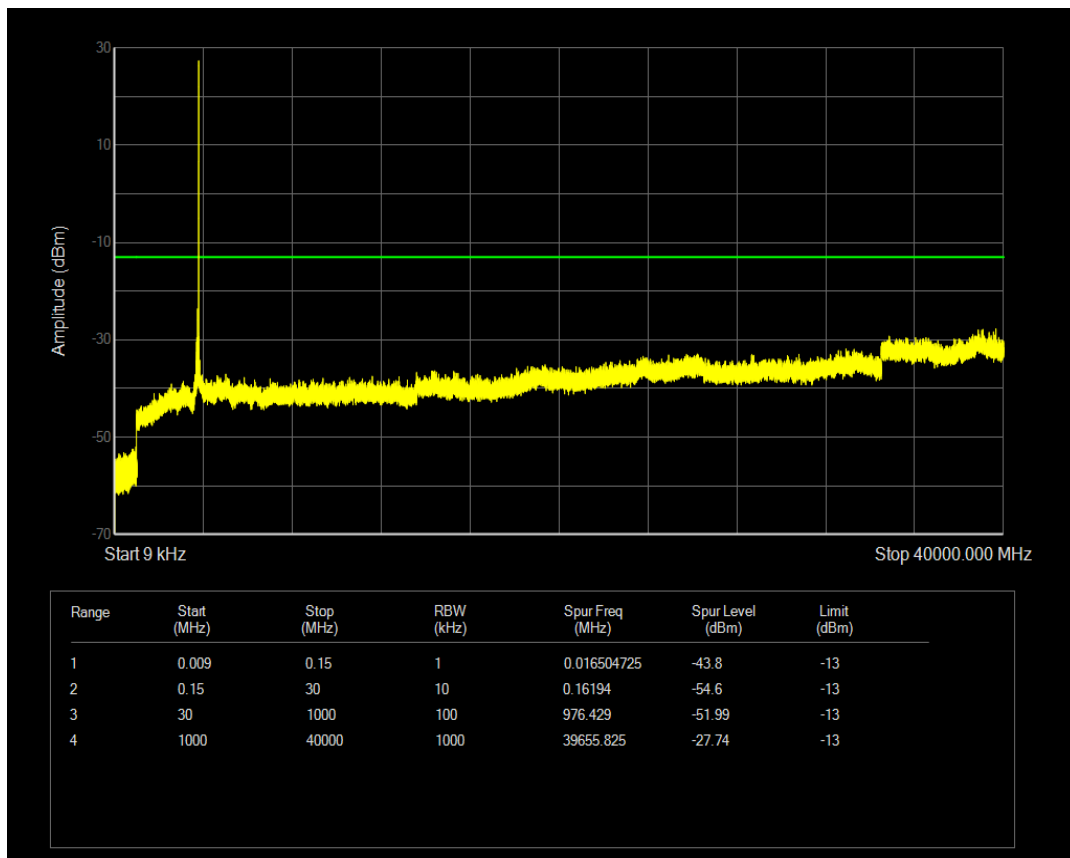
6 Out-of-band emissions for NR FR1

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	38869.00	-26.88	-13	PASS
n77(3700-3980)	30	10	647000	1@0	CP_QPSK	39083.50	-27.60	-13	PASS
n77(3700-3980)	30	10	647000	1@23	CP_QPSK	38855.35	-28.03	-13	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	38849.50	-27.70	-13	PASS
n77(3700-3980)	30	10	665000	1@0	CP_QPSK	38703.25	-26.96	-13	PASS
n77(3700-3980)	30	10	665000	1@23	CP_QPSK	39103.00	-28.02	-13	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	37990.53	-27.84	-13	PASS
n77(3700-3980)	30	50	648334	1@0	CP_QPSK	39177.10	-28.24	-13	PASS
n77(3700-3980)	30	50	648334	1@132	CP_QPSK	39185.88	-27.82	-13	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	38885.58	-28.21	-13	PASS
n77(3700-3980)	30	50	663666	1@0	CP_QPSK	38871.93	-27.49	-13	PASS
n77(3700-3980)	30	50	663666	1@132	CP_QPSK	7957.60	-25.55	-13	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	38952.85	-27.85	-13	PASS
n77(3700-3980)	30	100	650000	1@0	CP_QPSK	38806.60	-27.81	-13	PASS
n77(3700-3980)	30	100	650000	1@272	CP_QPSK	39655.83	-27.74	-13	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	39126.40	-27.62	-13	PASS
n77(3700-3980)	30	100	662000	1@0	CP_QPSK	39349.68	-28.06	-13	PASS
n77(3700-3980)	30	100	662000	1@272	CP_QPSK	38865.10	-27.84	-13	PASS

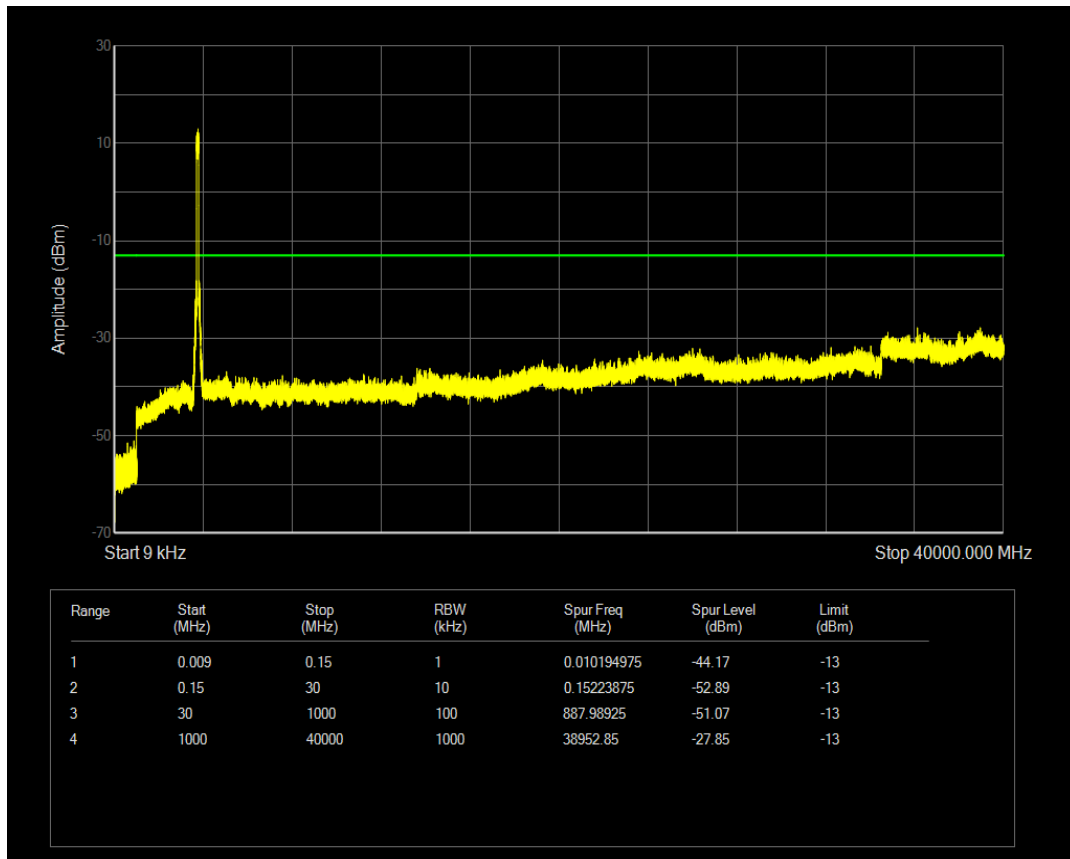
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0



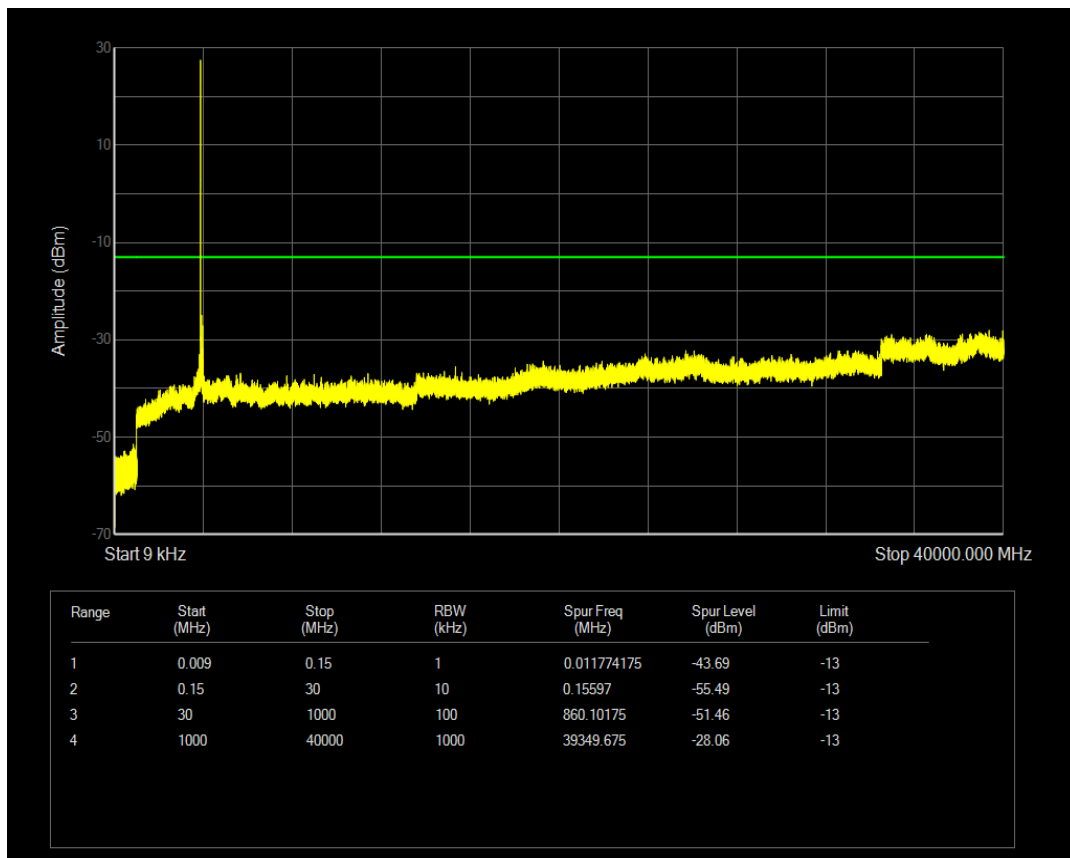
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272



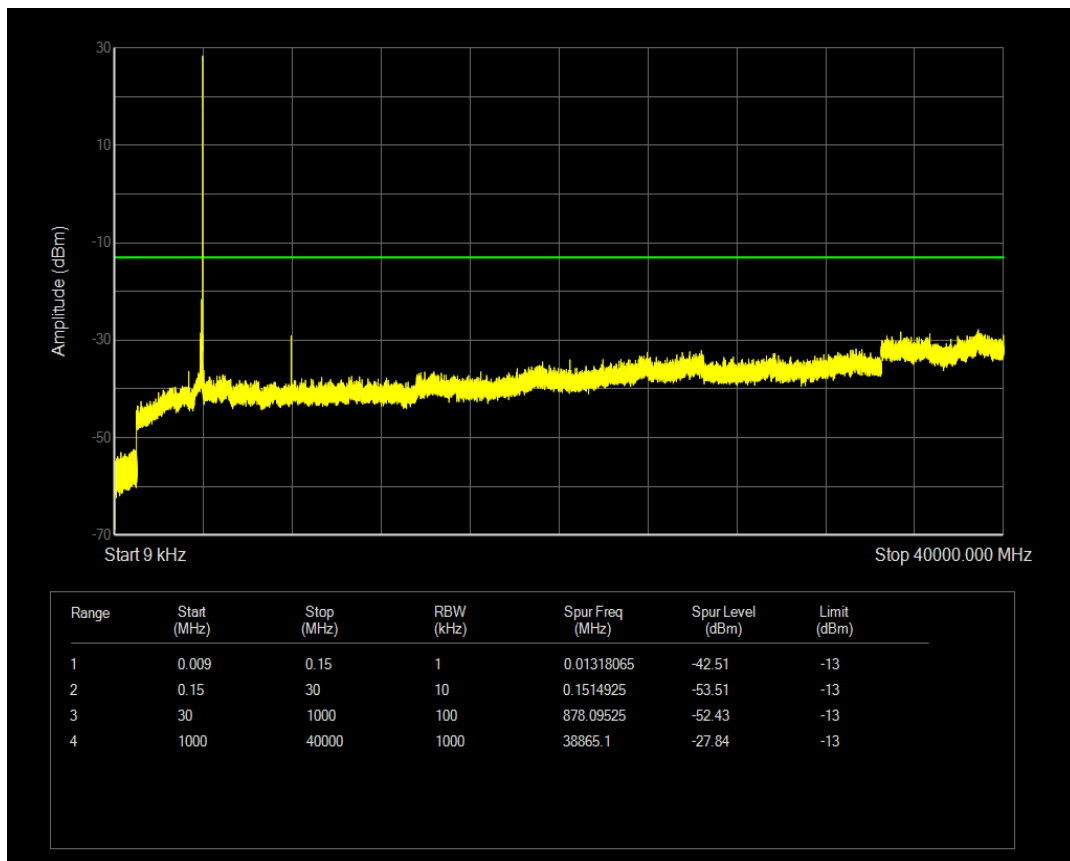
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



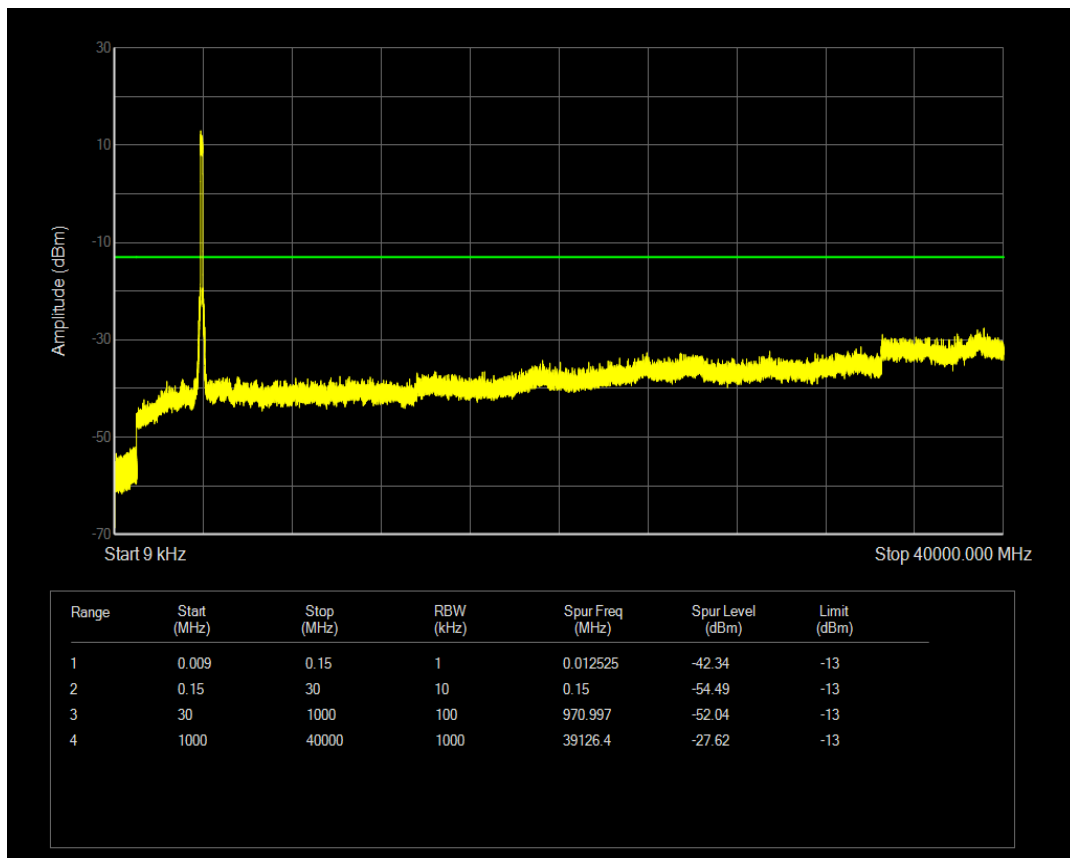
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=1@0



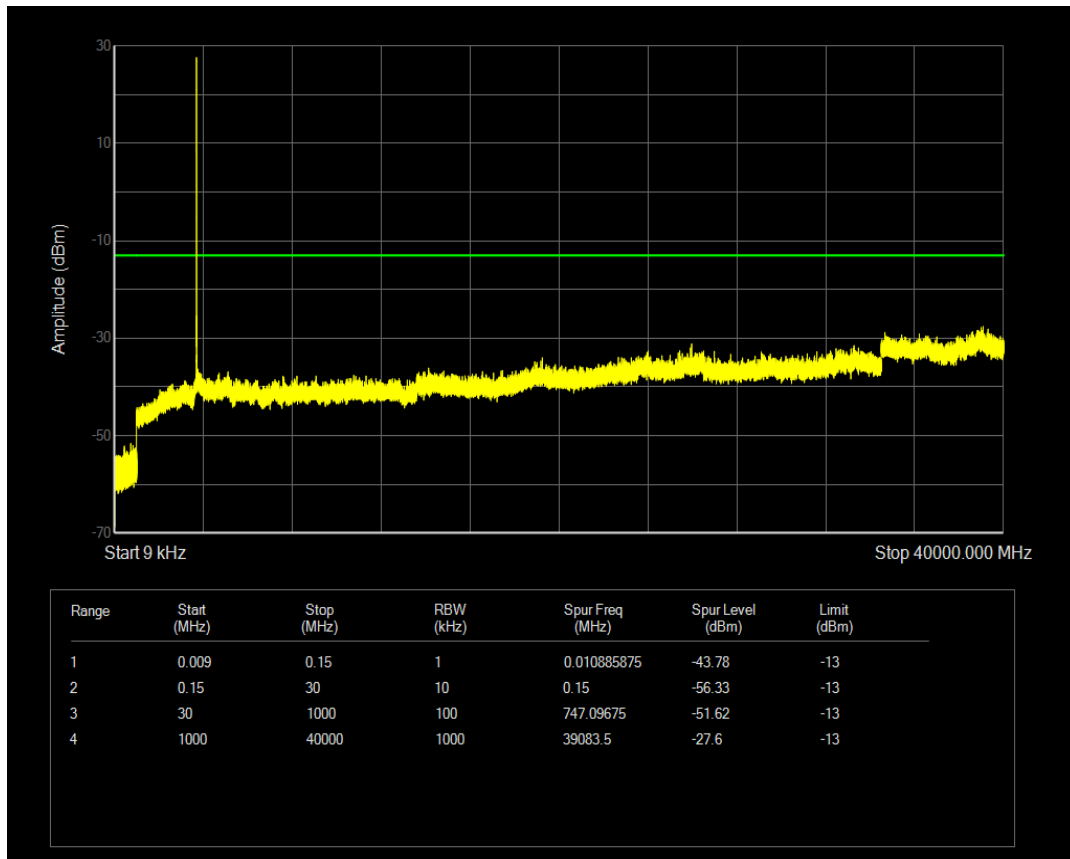
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=1@272



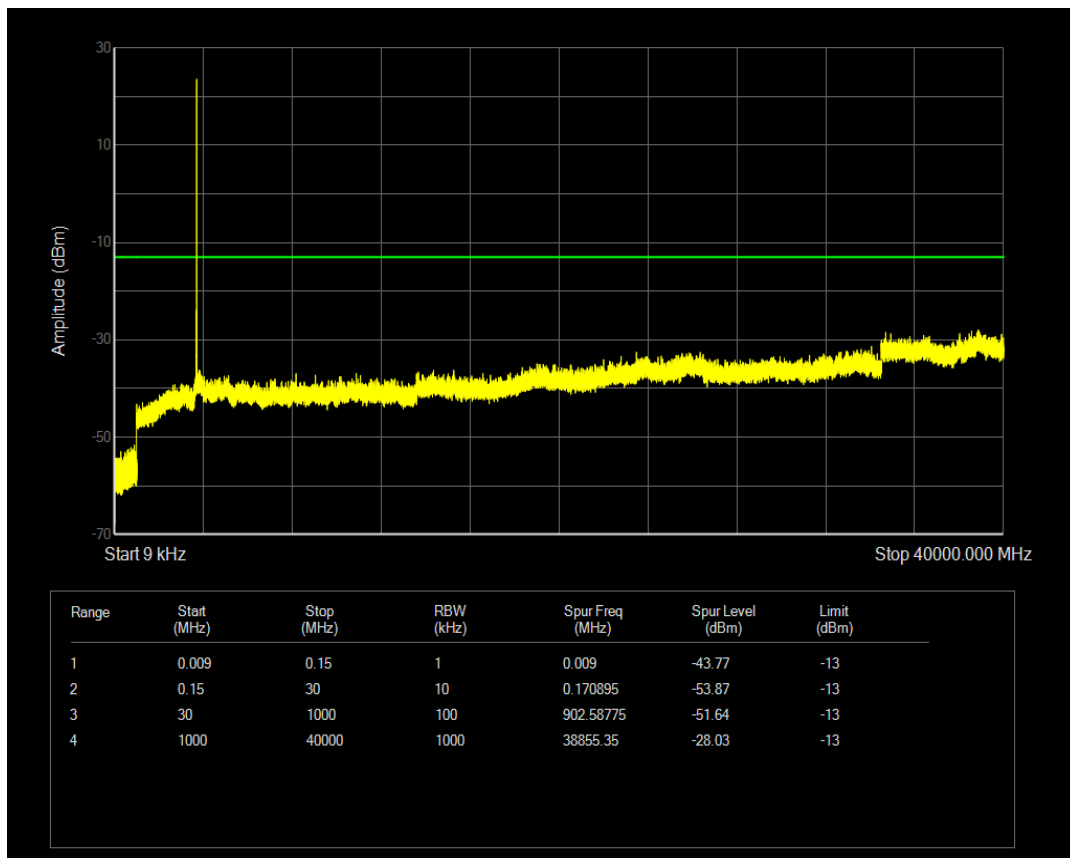
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=273@0



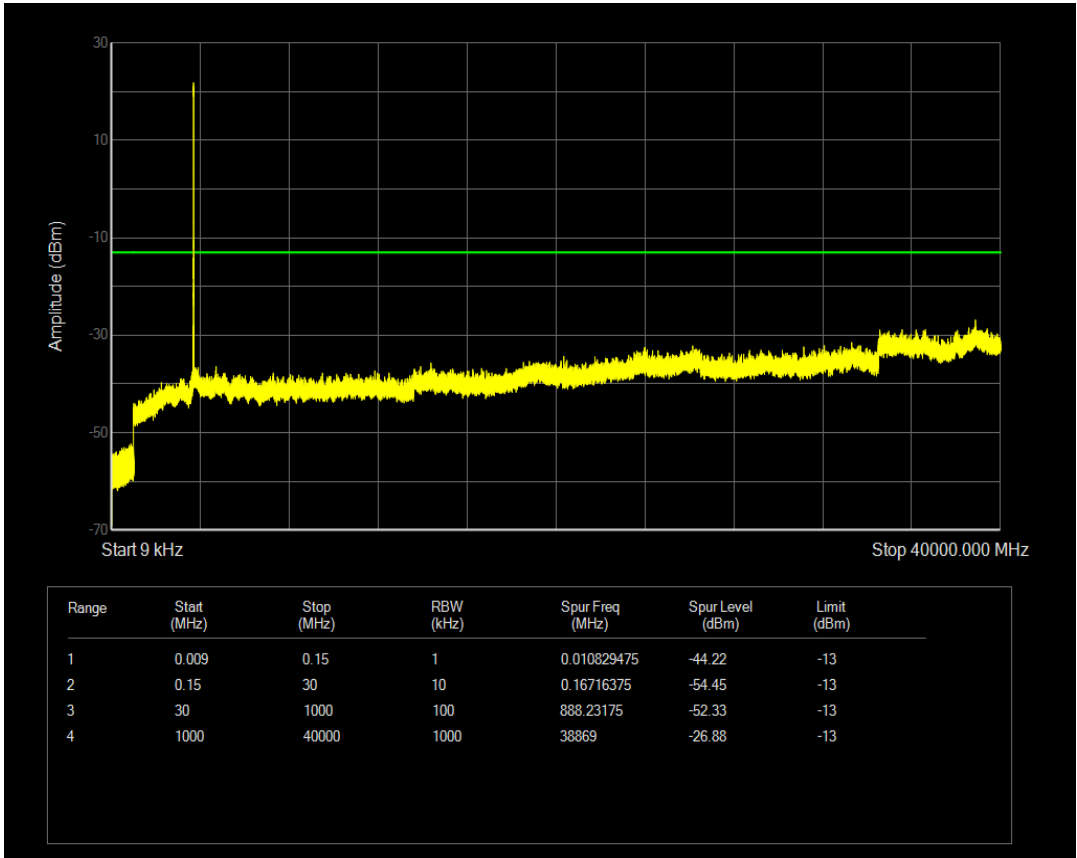
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=1@0



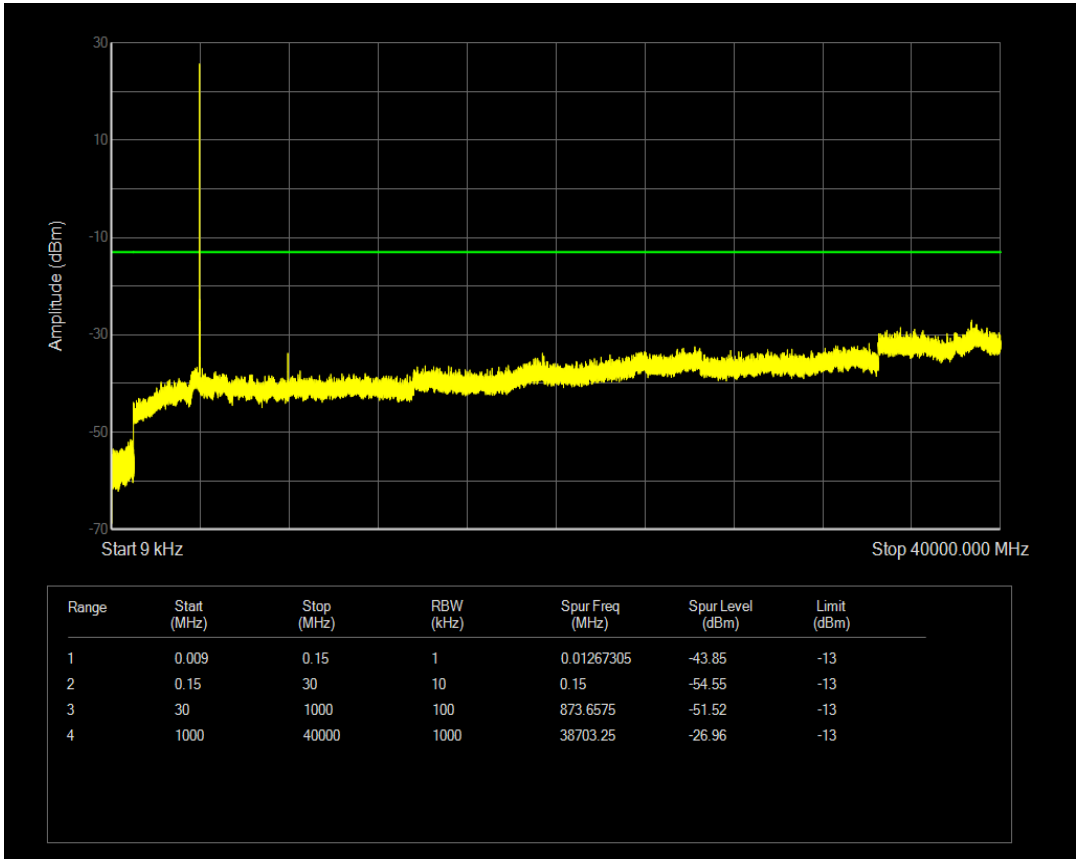
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=1@23



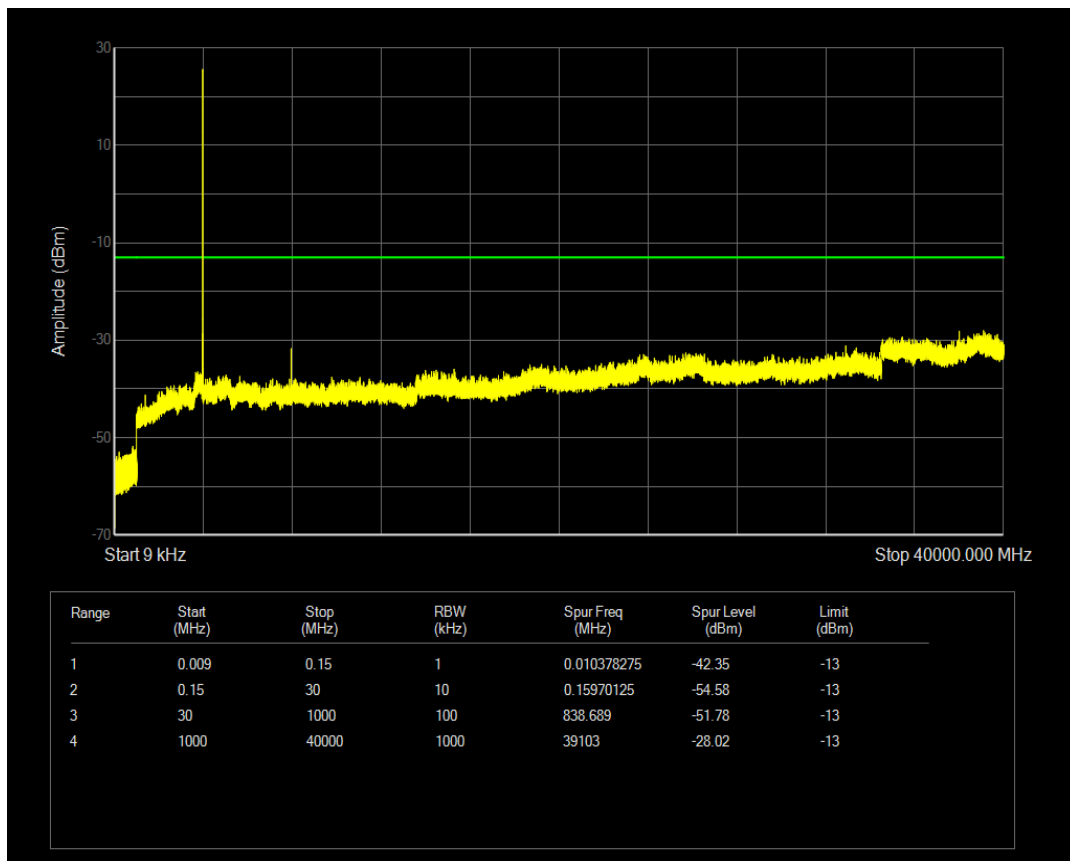
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=24@0



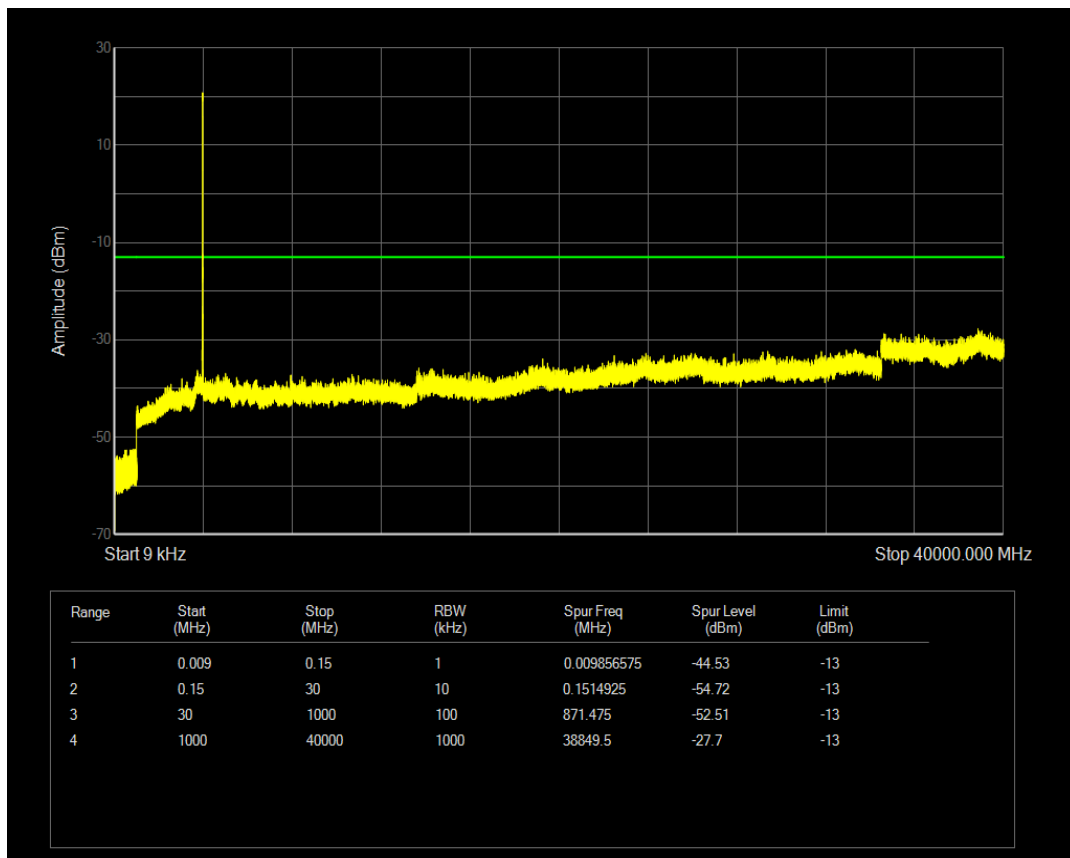
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=1@0



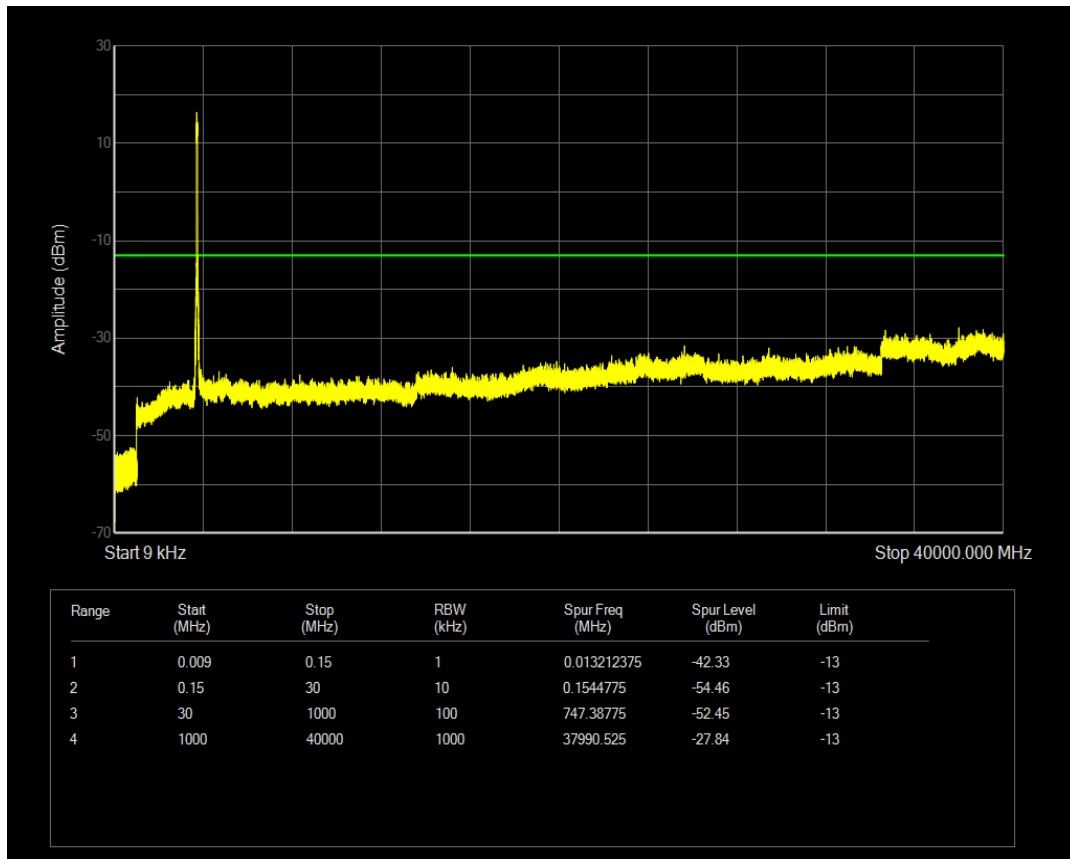
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=1@23



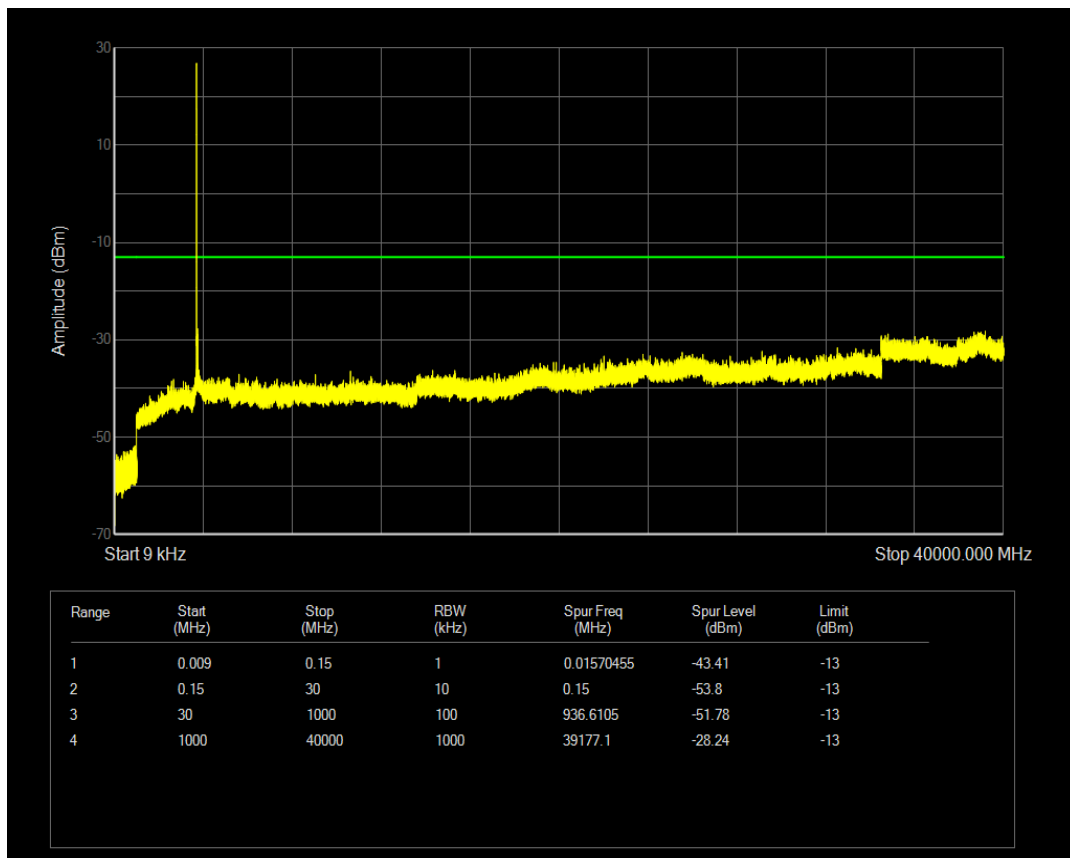
n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=665000 RB=24@0



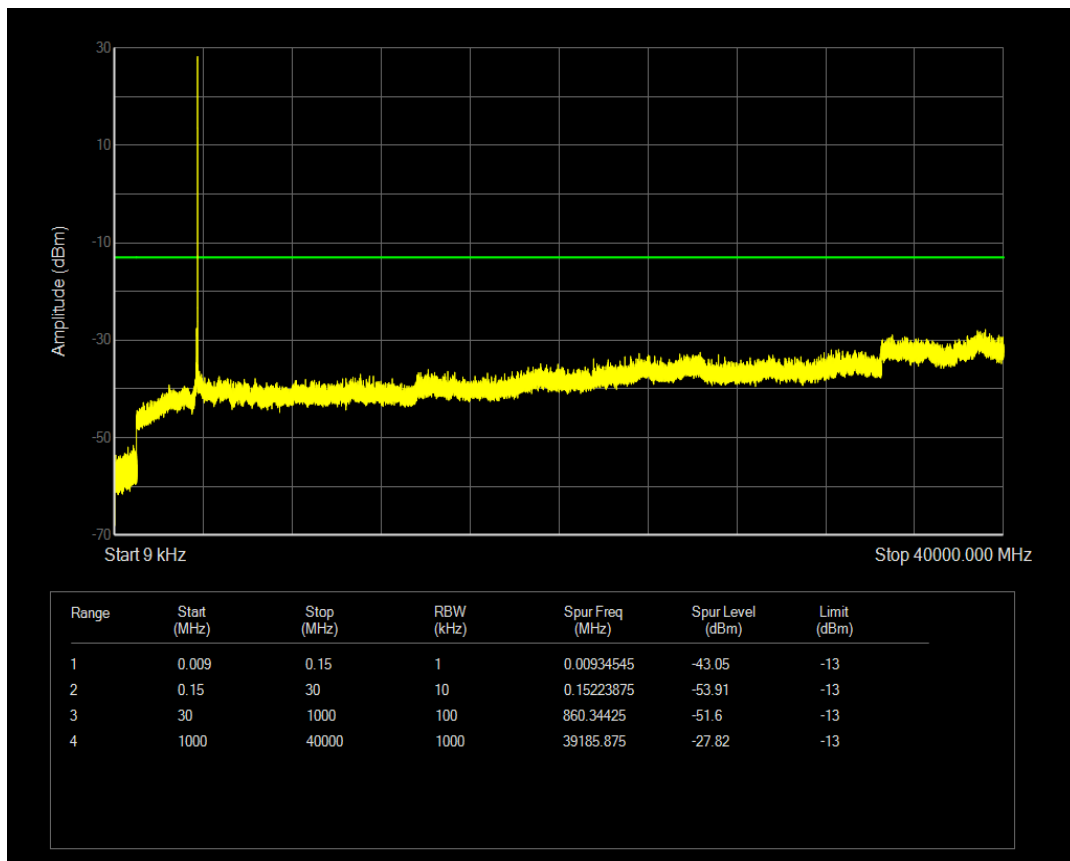
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=133@0



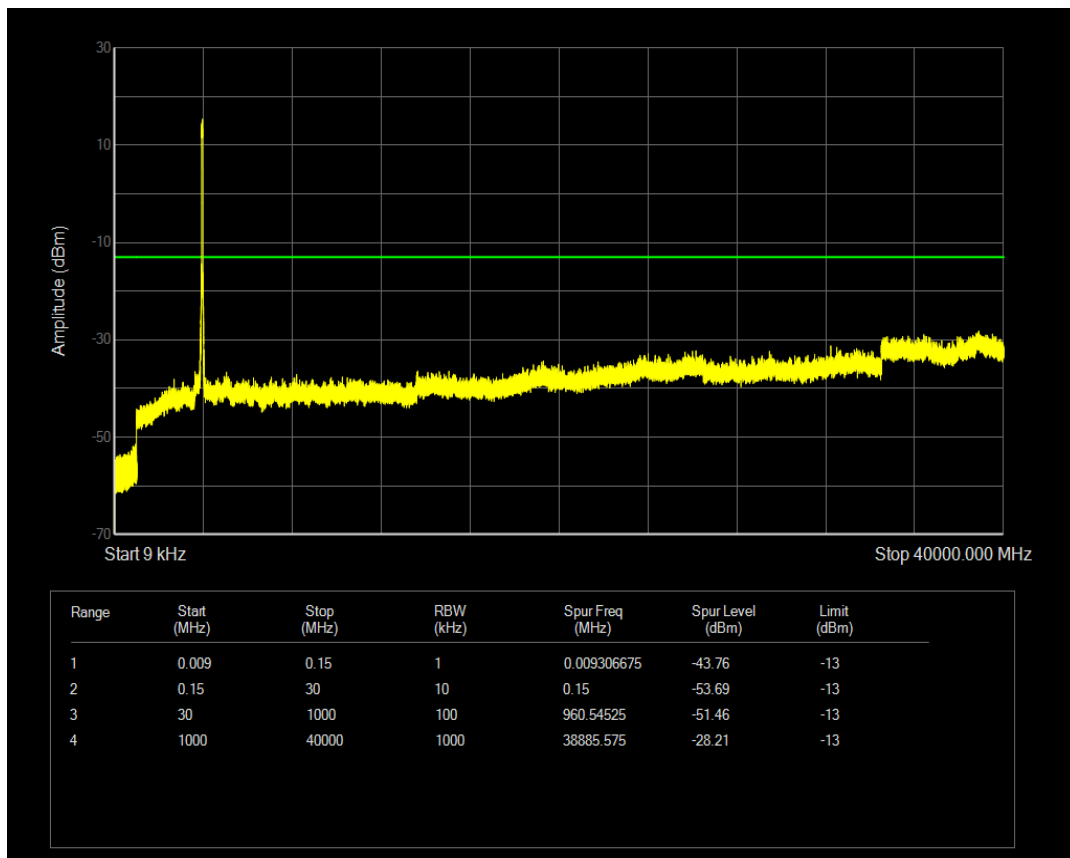
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=1@0



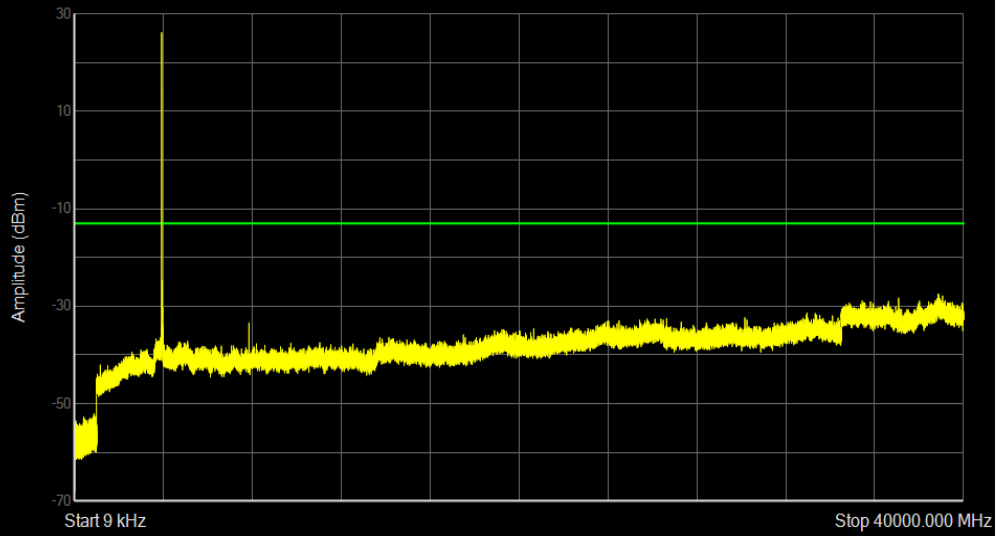
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=1@132



n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=133@0

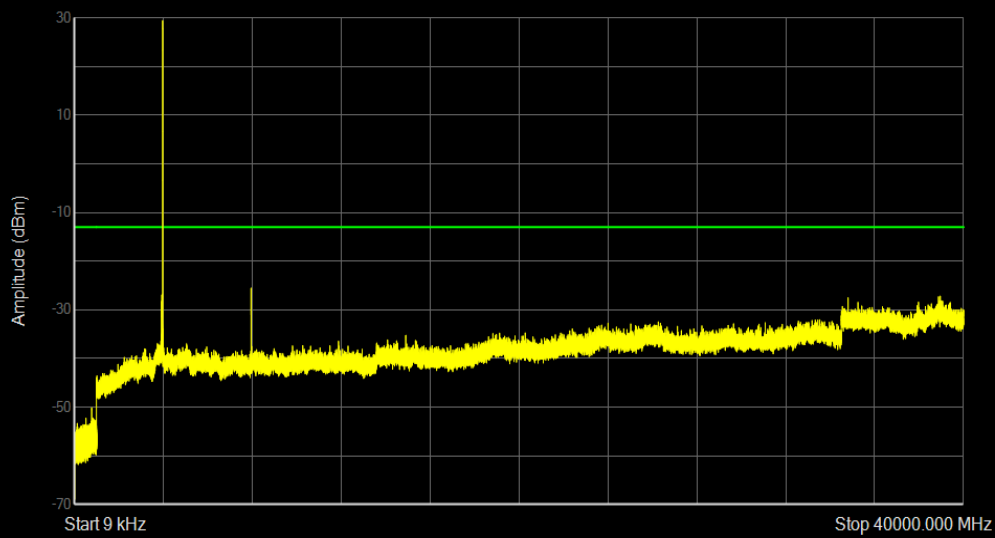


n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013191225	-43.53	-13
2	0.15	30	10	0.1514925	-52.72	-13
3	30	1000	100	884.64275	-52.06	-13
4	1000	40000	1000	38871.925	-27.49	-13

n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=1@132



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093666	-42.05	-13
2	0.15	30	10	0.15	-54.09	-13
3	30	1000	100	789.34025	-50.13	-13
4	1000	40000	1000	7957.6	-25.55	-13