



**n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=656000 RB=36@0**



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



**n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=656000 RB=24@0**



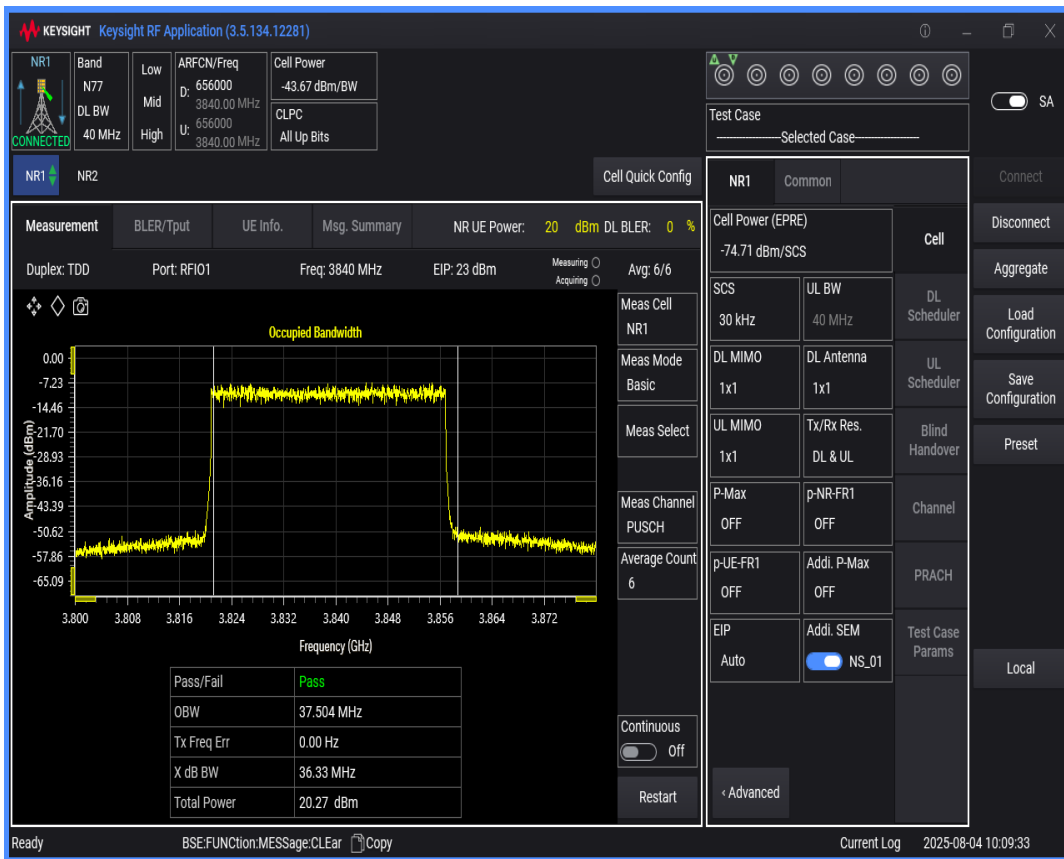
**n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=656000 RB=162@0**



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



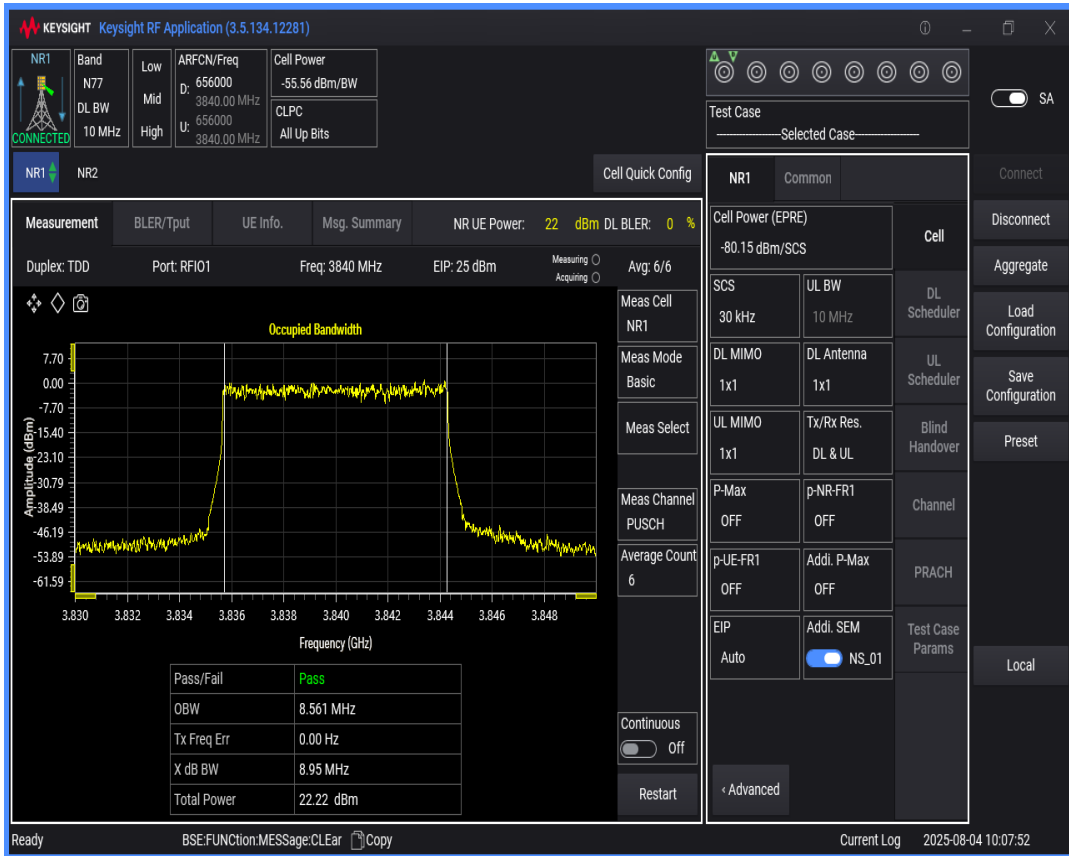
*n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=100@0*



**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\_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=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=40MHz Channel=656000 RB=100@0**



**n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=656000 RB=75@0**



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



**n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0**





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



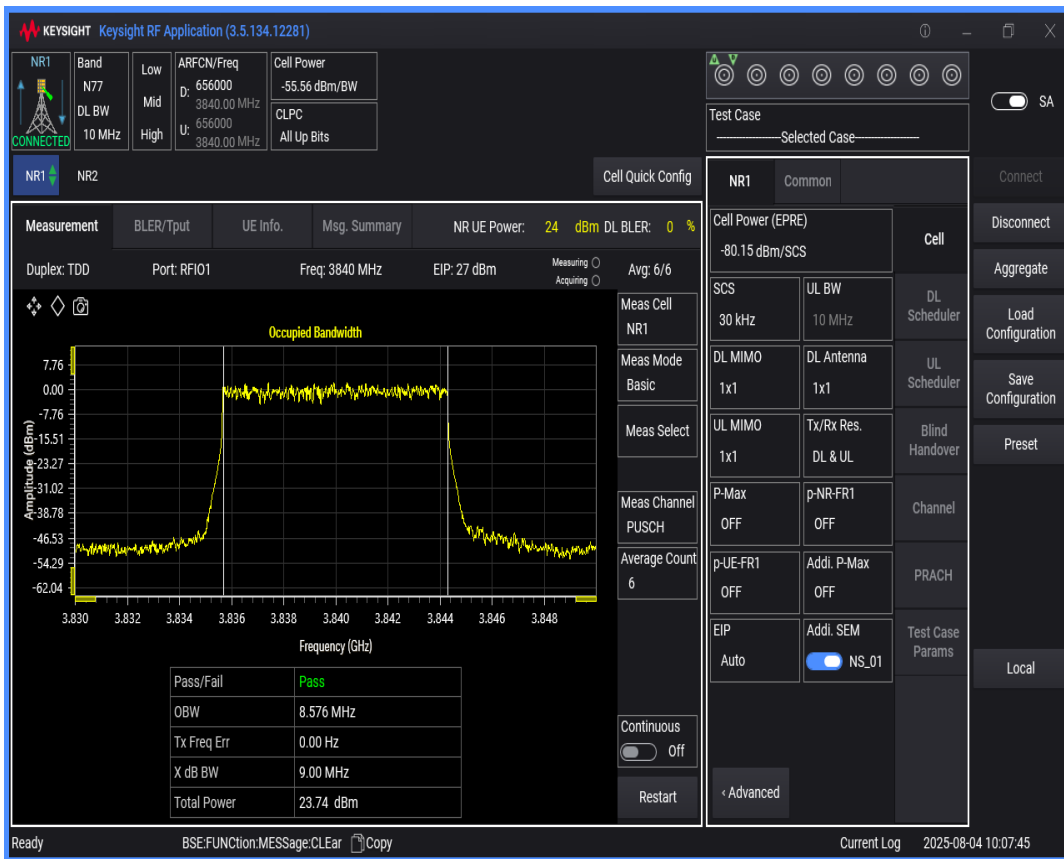
**n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=656000 RB=162 @0**



**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=40MHz Channel=656000 RB=100 @0**



**n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=656000 RB=75 @0**



**n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=50 @0**



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



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

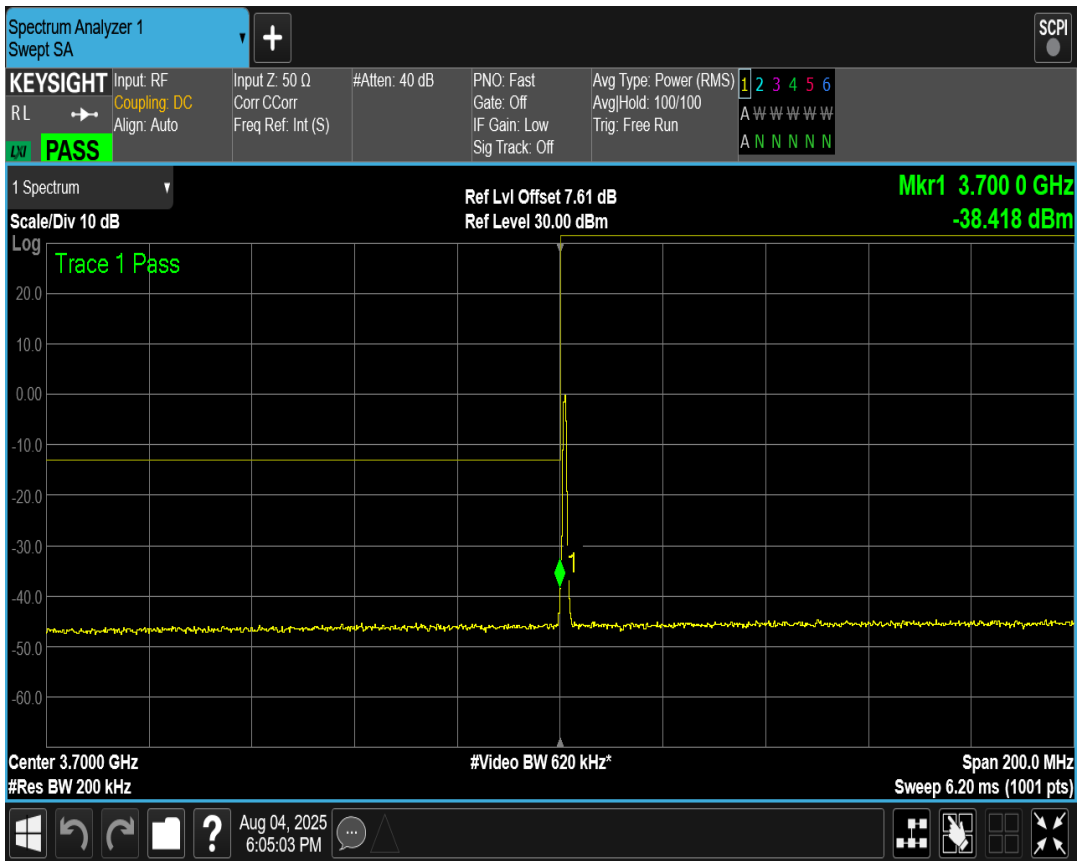


## 5 Band edge for NR FR1

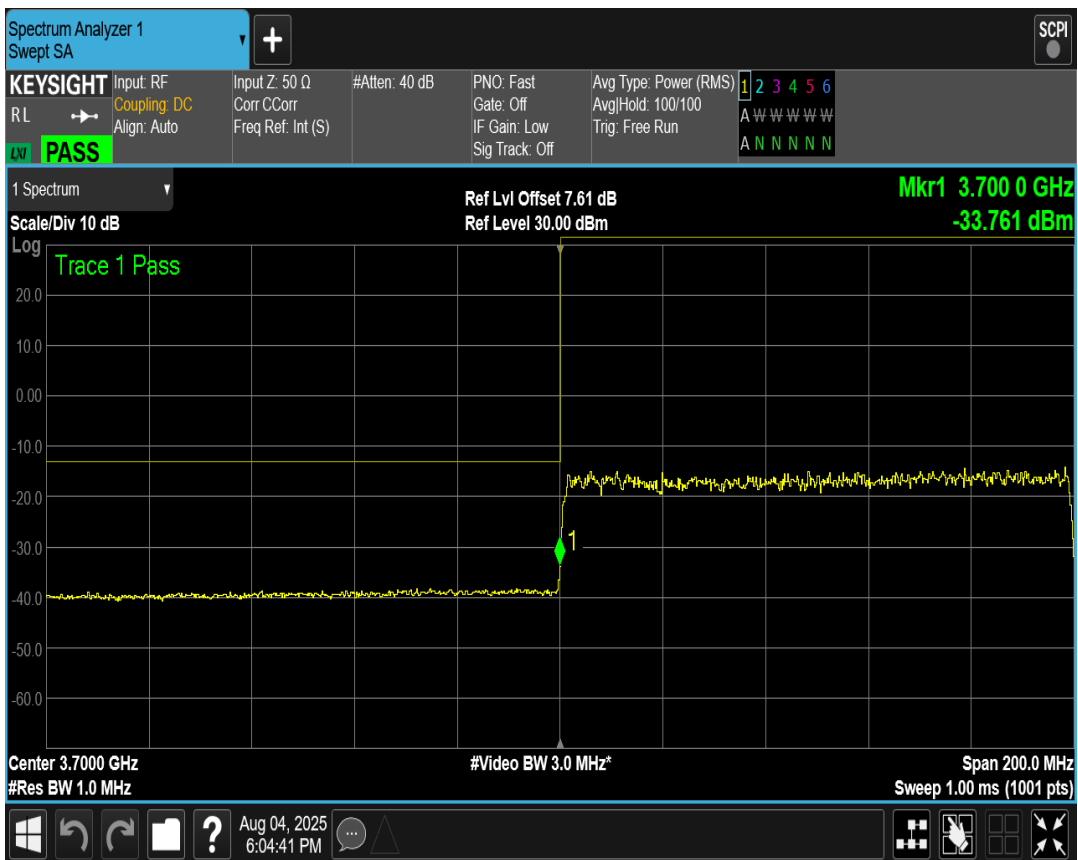
<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	3697.58	-46.16	-13	PASS
n77(3700-3980)	30	10	647000	1@0	CP_QPSK	3699.96	-44.37	-13	PASS
n77(3700-3980)	30	10	647000	1@23	CP_QPSK	3699.20	-44.85	-13	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	3980.40	-47.12	-13	PASS
n77(3700-3980)	30	10	665000	1@0	CP_QPSK	3986.60	-45.72	-13	PASS
n77(3700-3980)	30	10	665000	1@23	CP_QPSK	3980.00	-40.48	-13	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	3685.80	-40.89	-13	PASS
n77(3700-3980)	30	50	648334	1@0	CP_QPSK	3700.00	-44.46	-13	PASS
n77(3700-3980)	30	50	648334	1@132	CP_QPSK	3692.30	-45.16	-13	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	3985.40	-41.46	-13	PASS
n77(3700-3980)	30	50	663666	1@0	CP_QPSK	3980.70	-46.14	-13	PASS
n77(3700-3980)	30	50	663666	1@132	CP_QPSK	3980.00	-43.07	-13	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	3700.00	-33.76	-13	PASS
n77(3700-3980)	30	100	650000	1@0	CP_QPSK	3700.00	-38.41	-13	PASS
n77(3700-3980)	30	100	650000	1@272	CP_QPSK	3651.40	-45.39	-13	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	3980.00	-32.27	-13	PASS
n77(3700-3980)	30	100	662000	1@0	CP_QPSK	3980.20	-46.13	-13	PASS
n77(3700-3980)	30	100	662000	1@272	CP_QPSK	3980.00	-43.91	-13	PASS

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

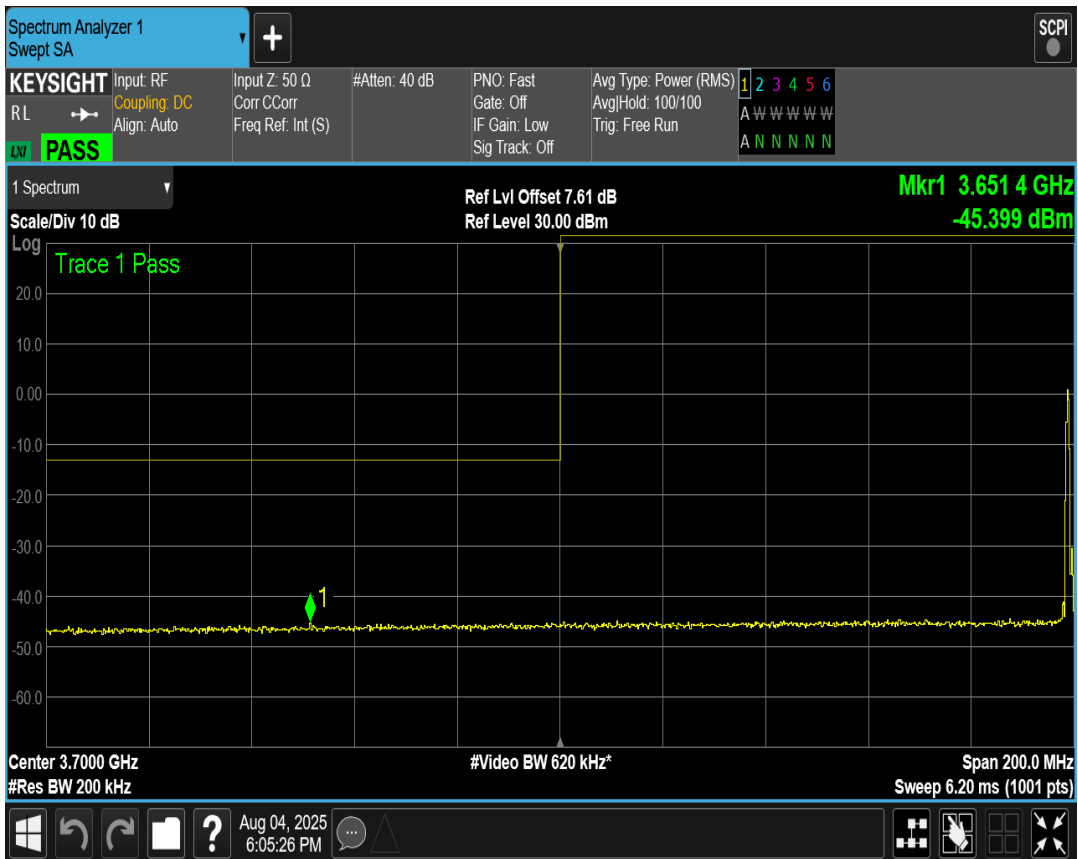




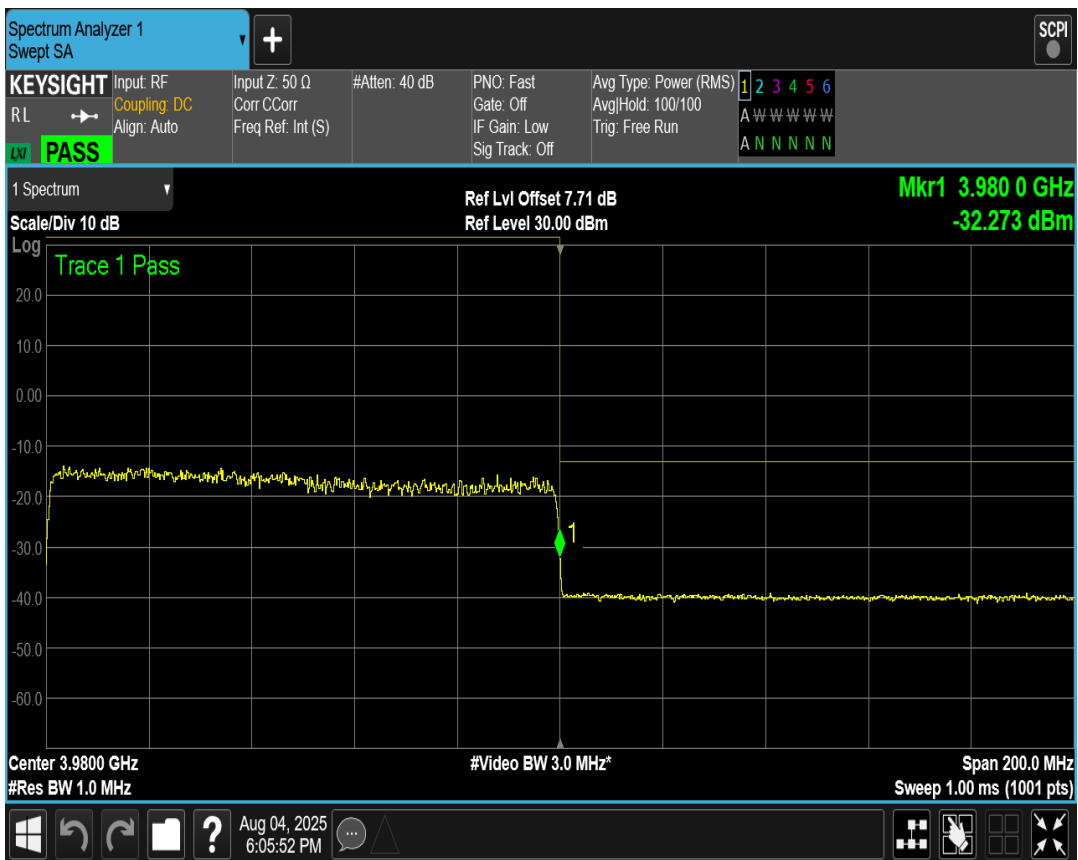
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273 @0*



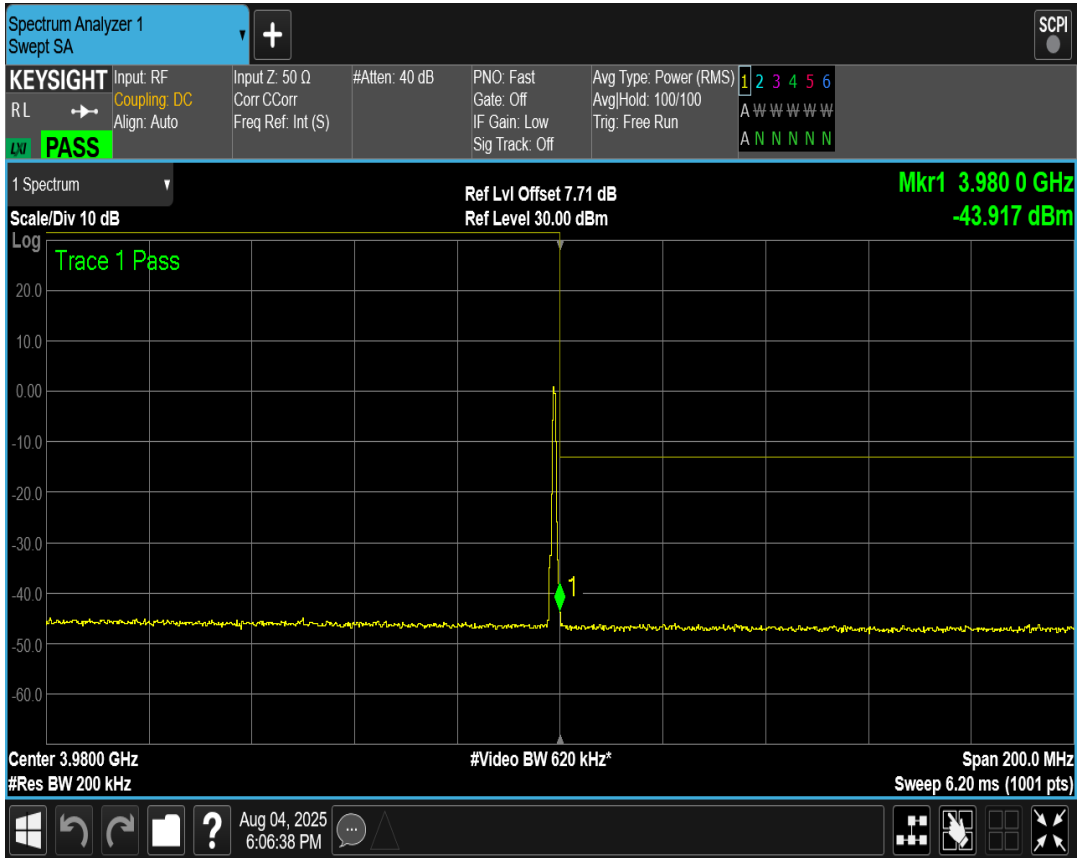
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1 @272*



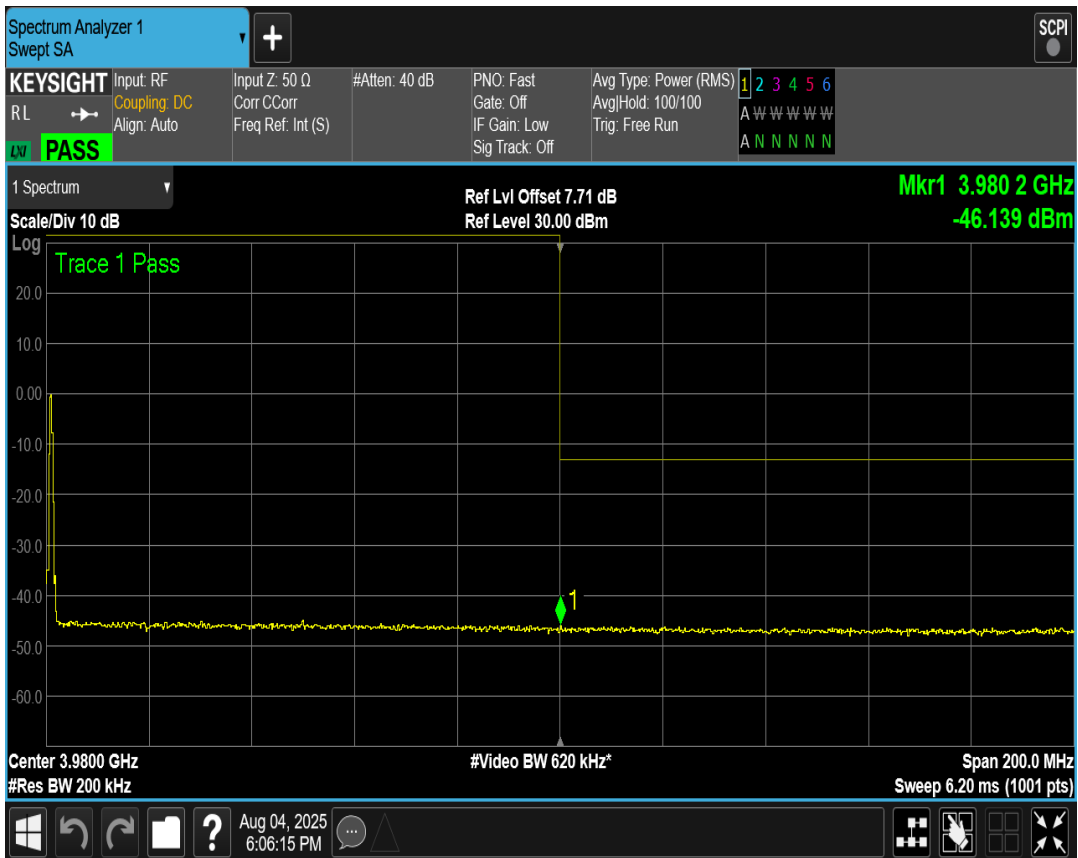
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



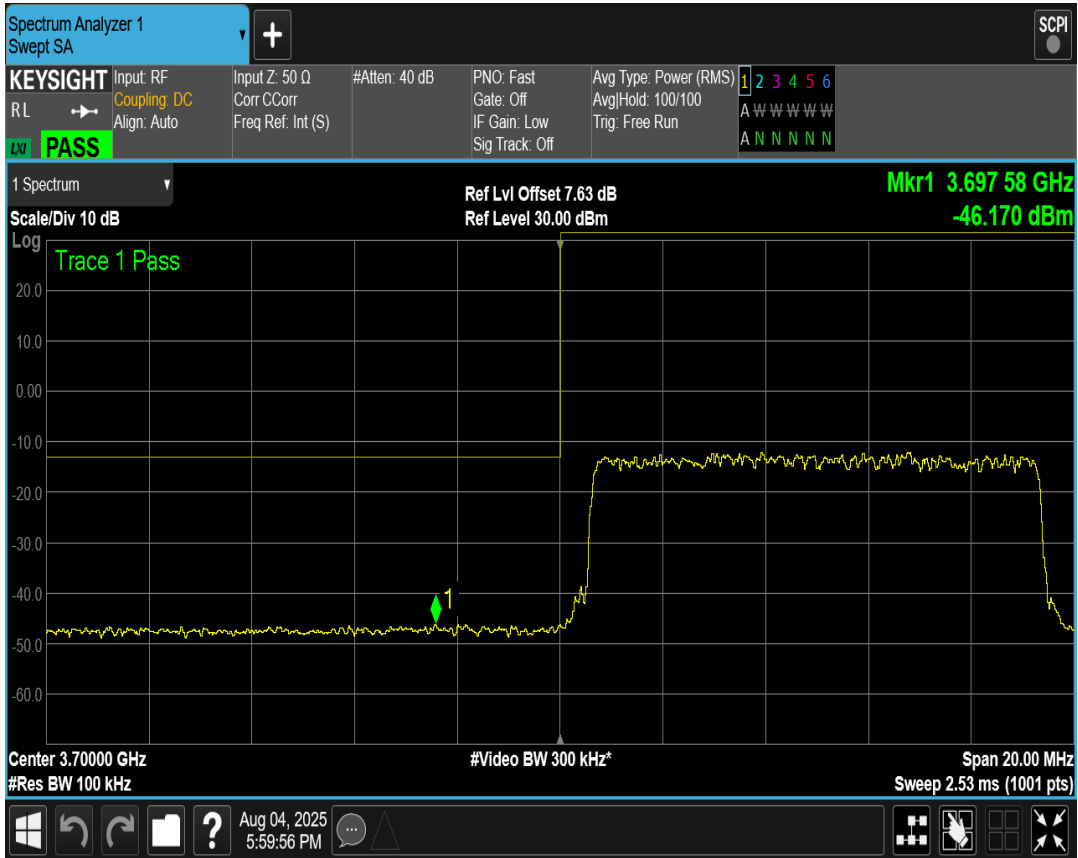
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



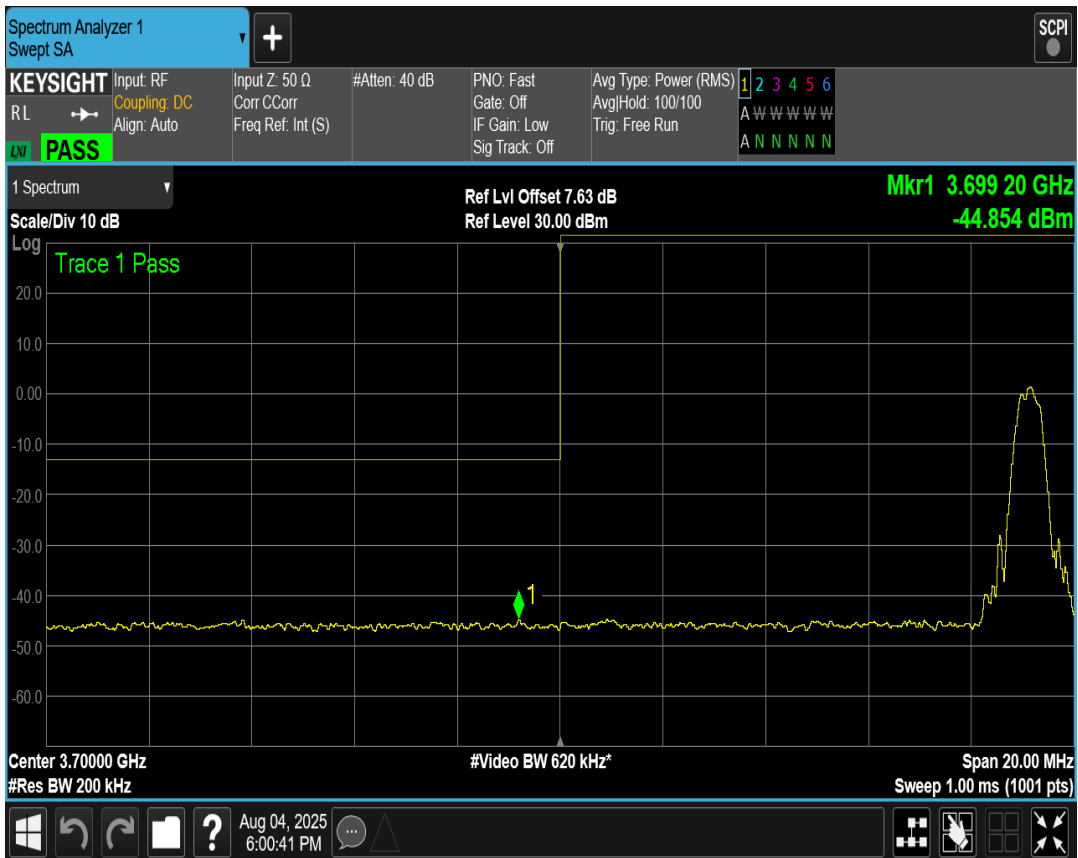
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1 @0*



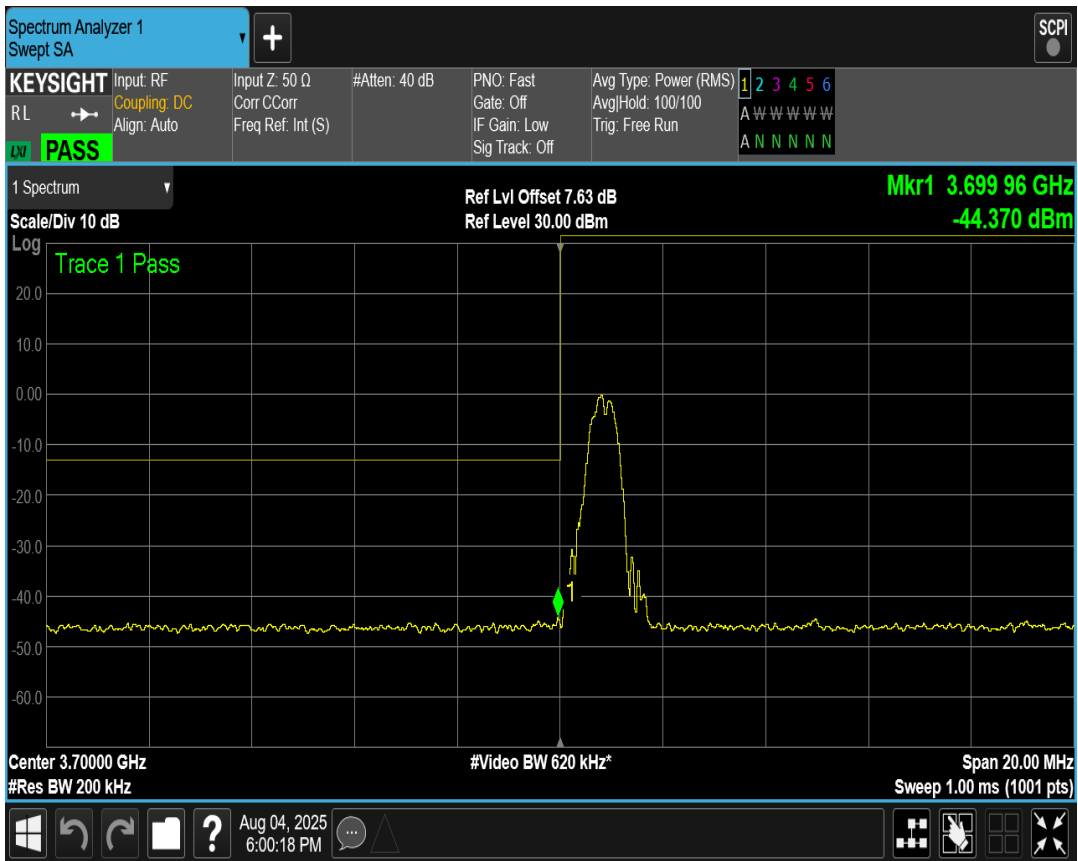
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24 @0*



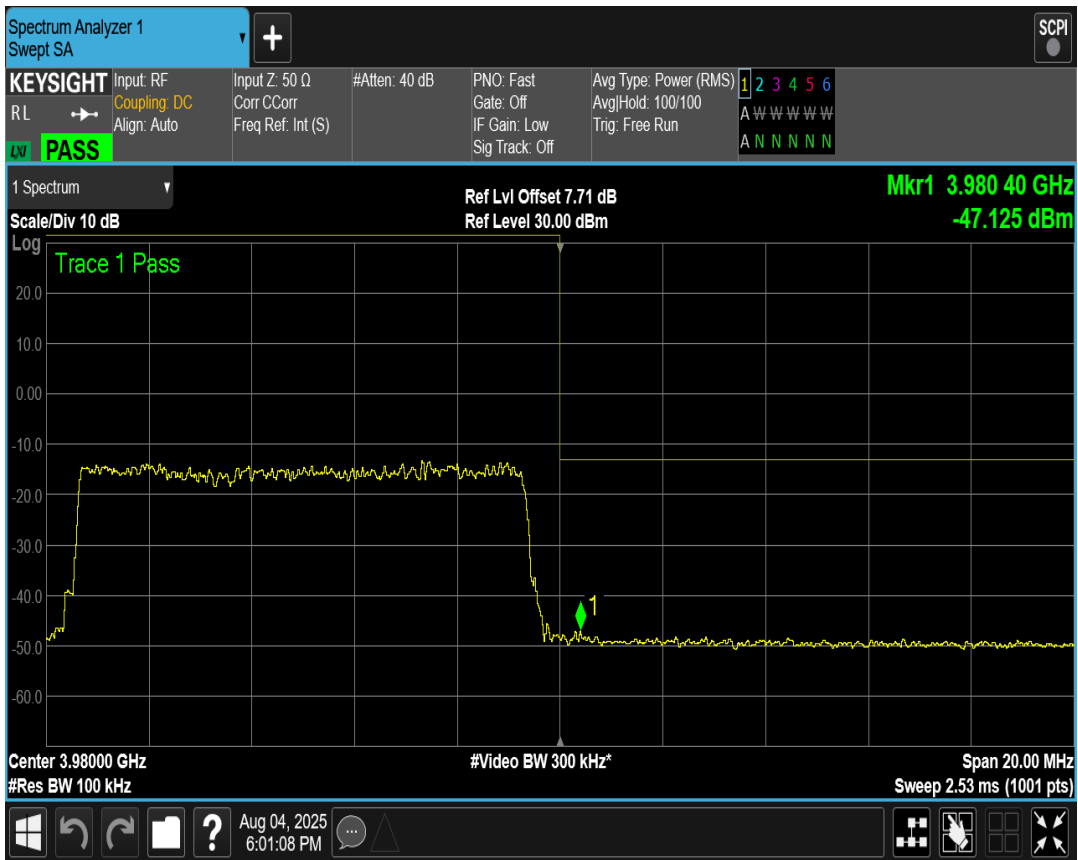
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1 @23*



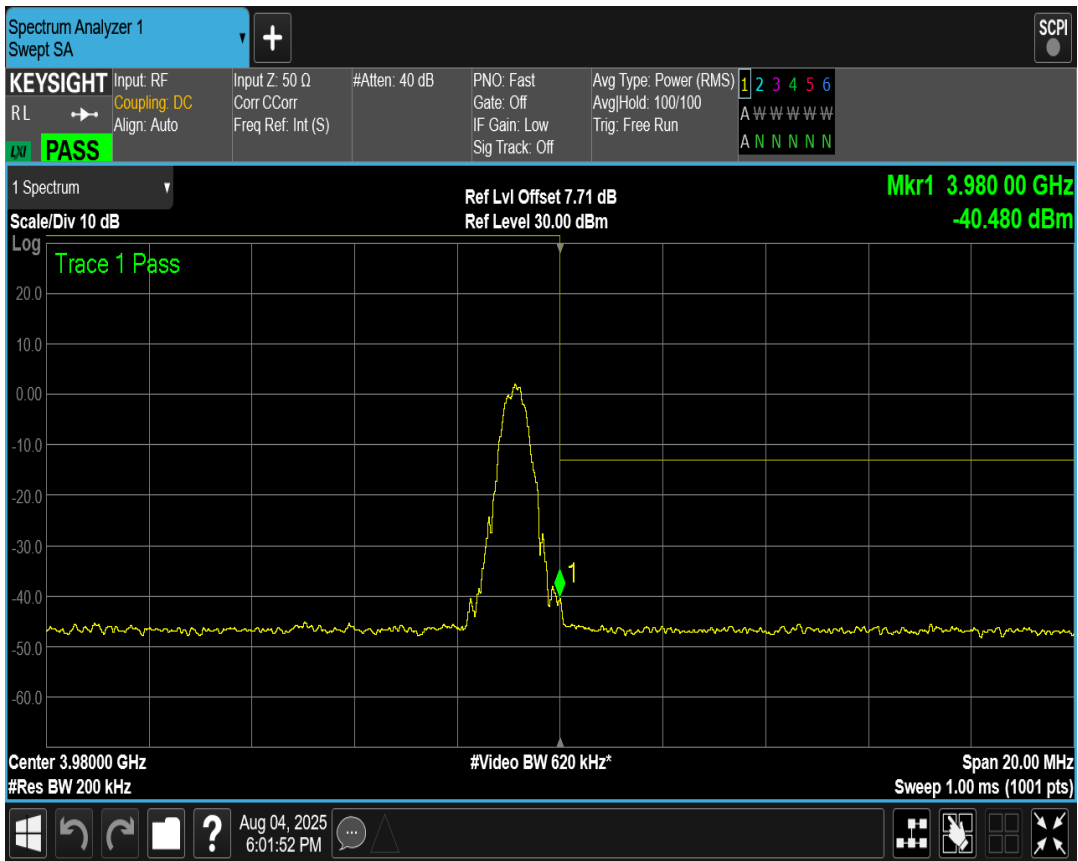
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1 @0*



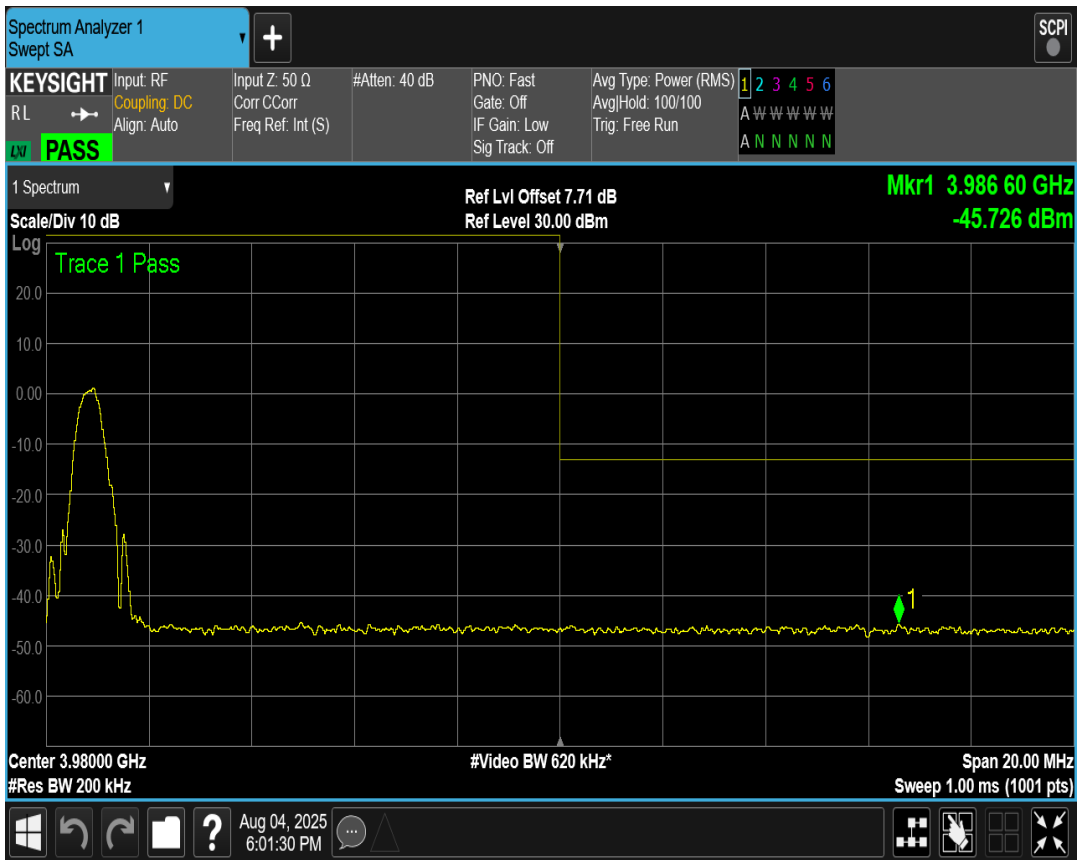
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24 @0*



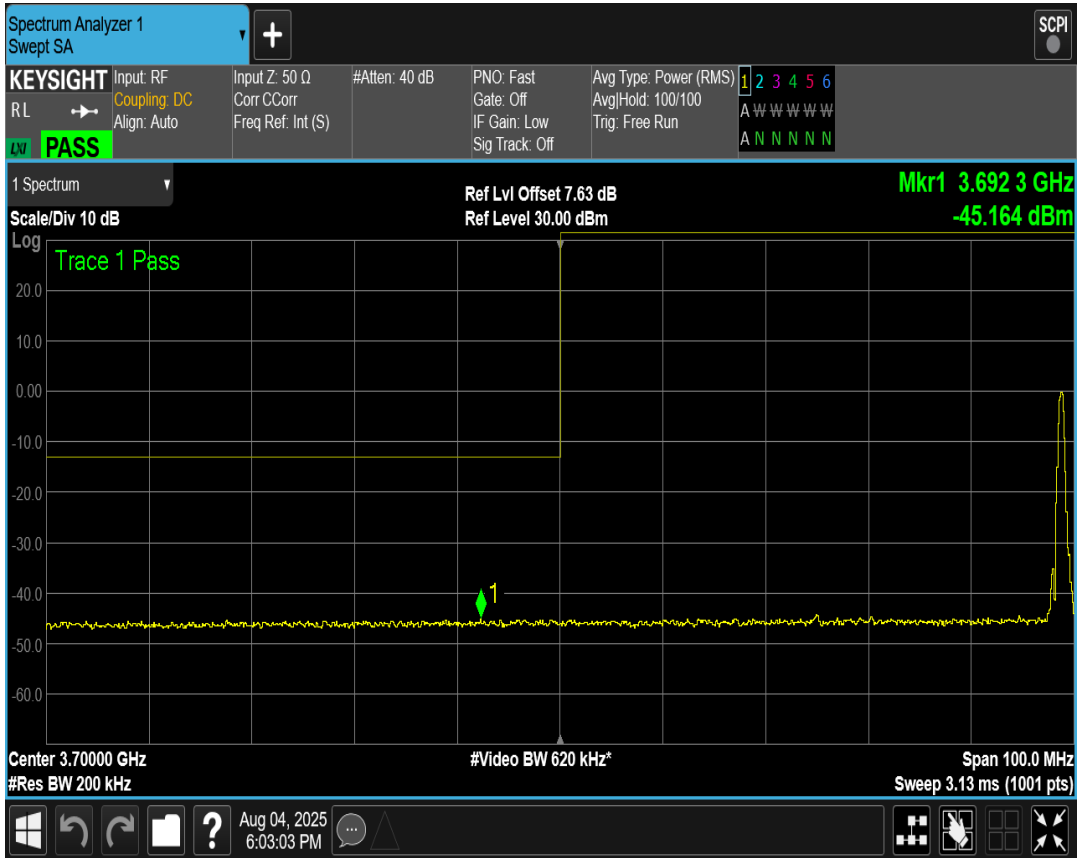
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1 @23*



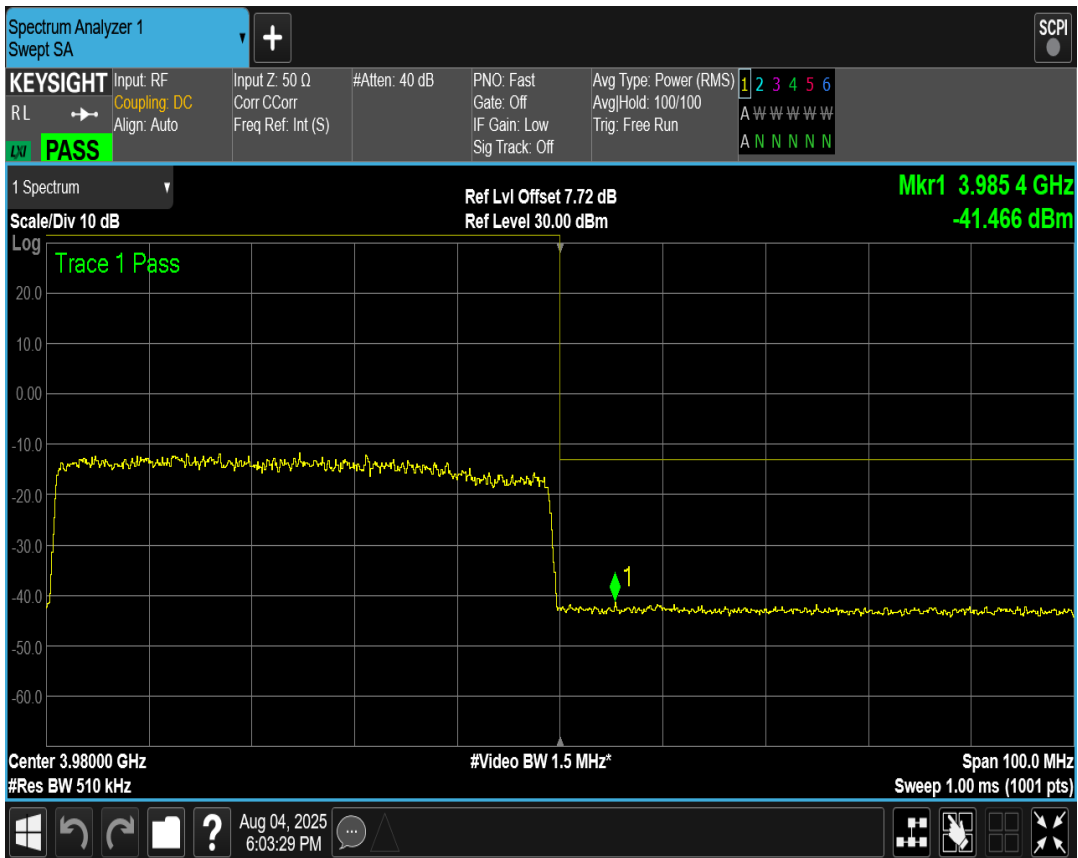
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1 @0*



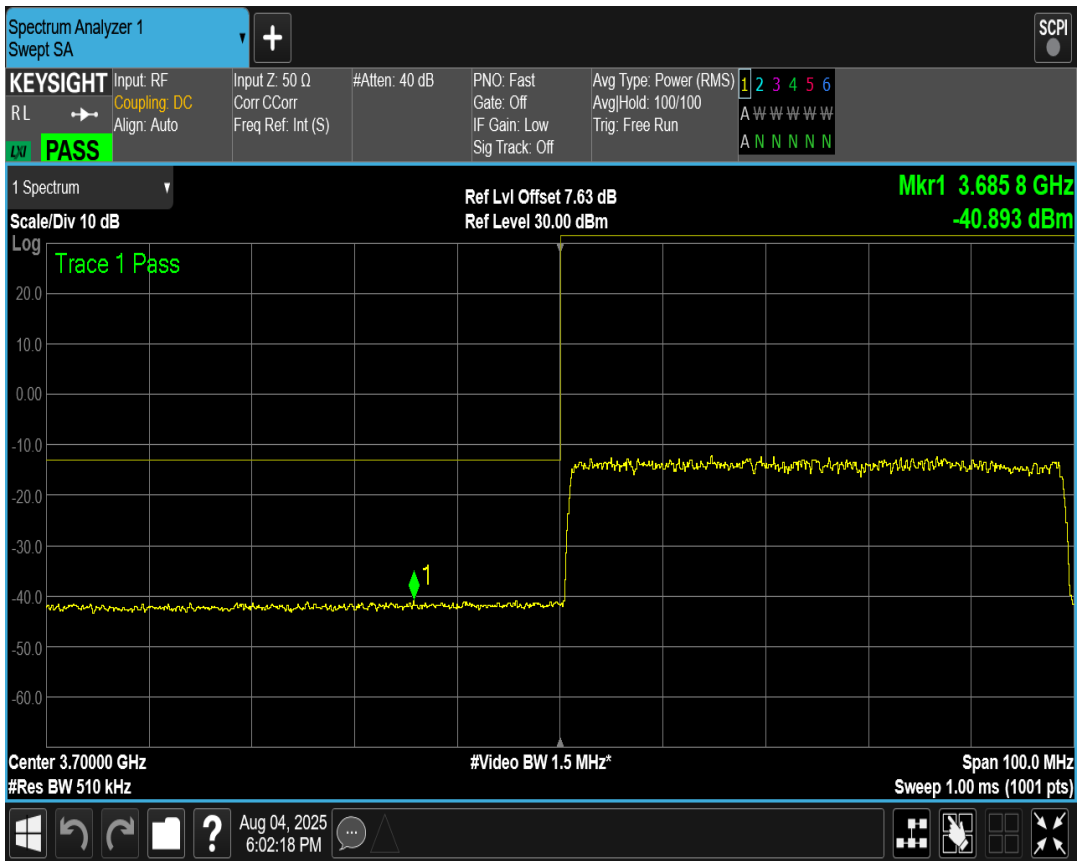
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1 @132*



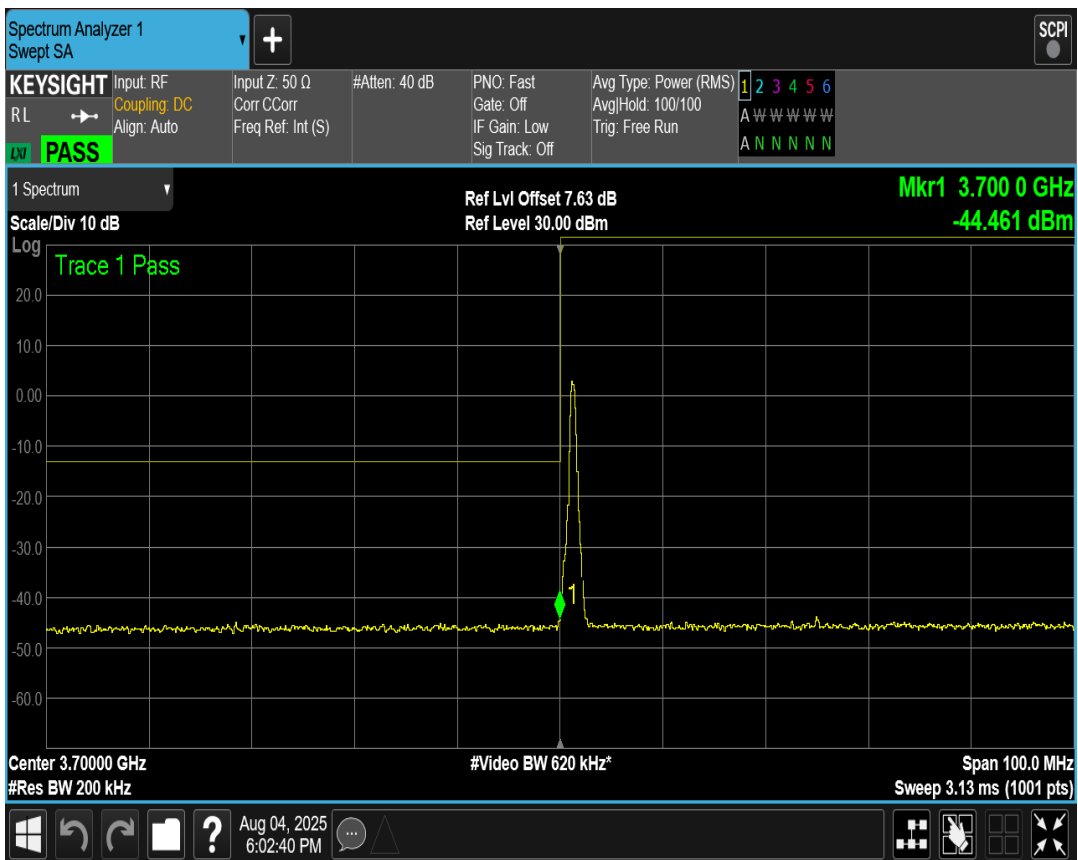
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=133 @0*



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133 @0*

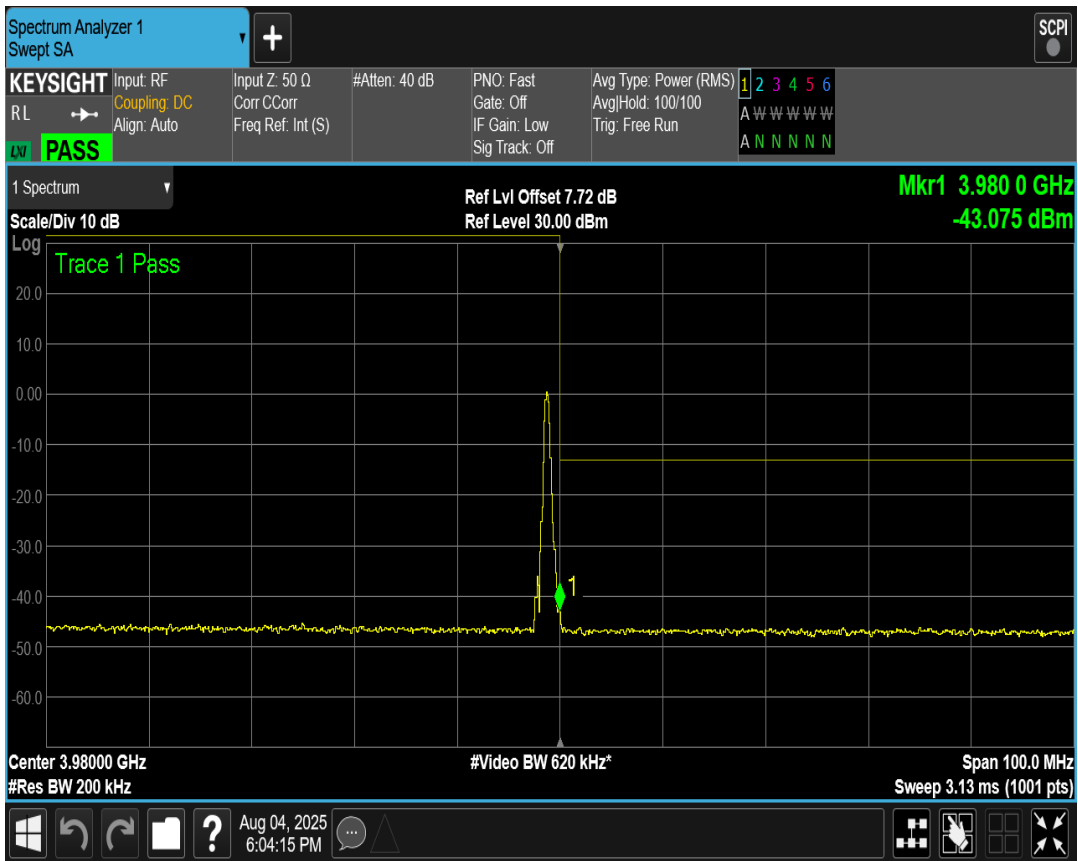


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1 @0*

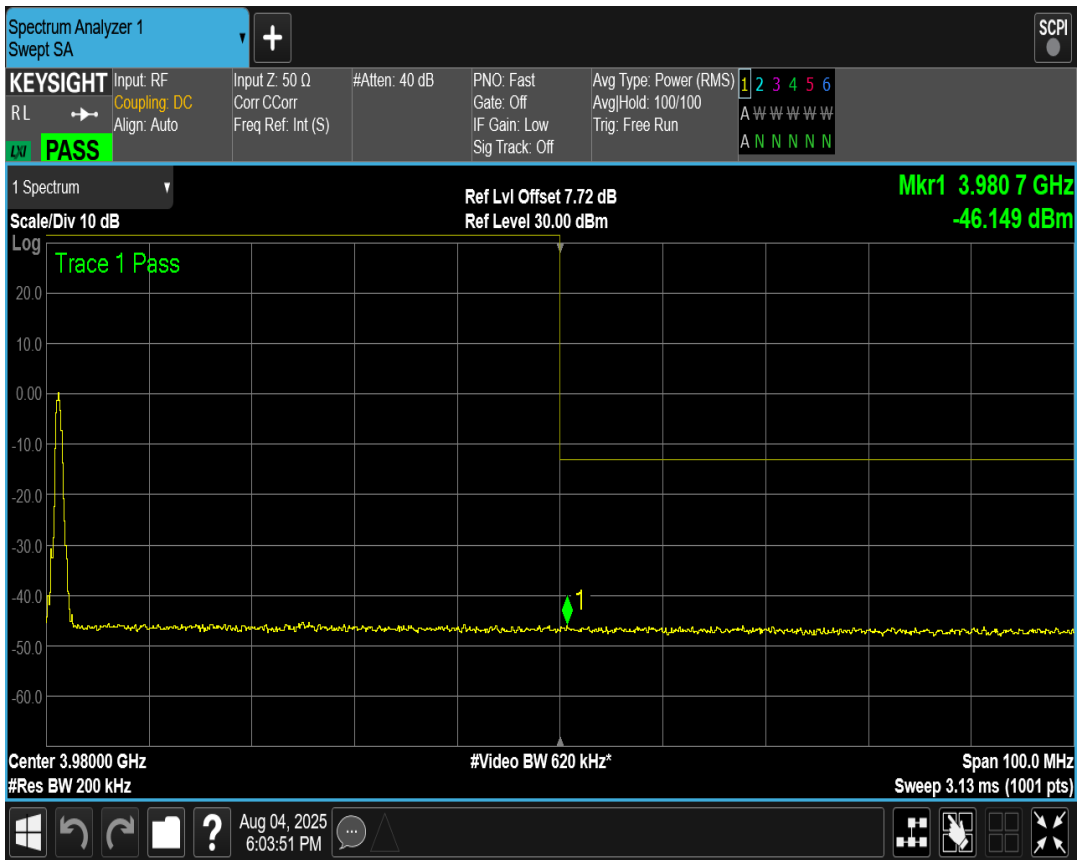


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1 @132*





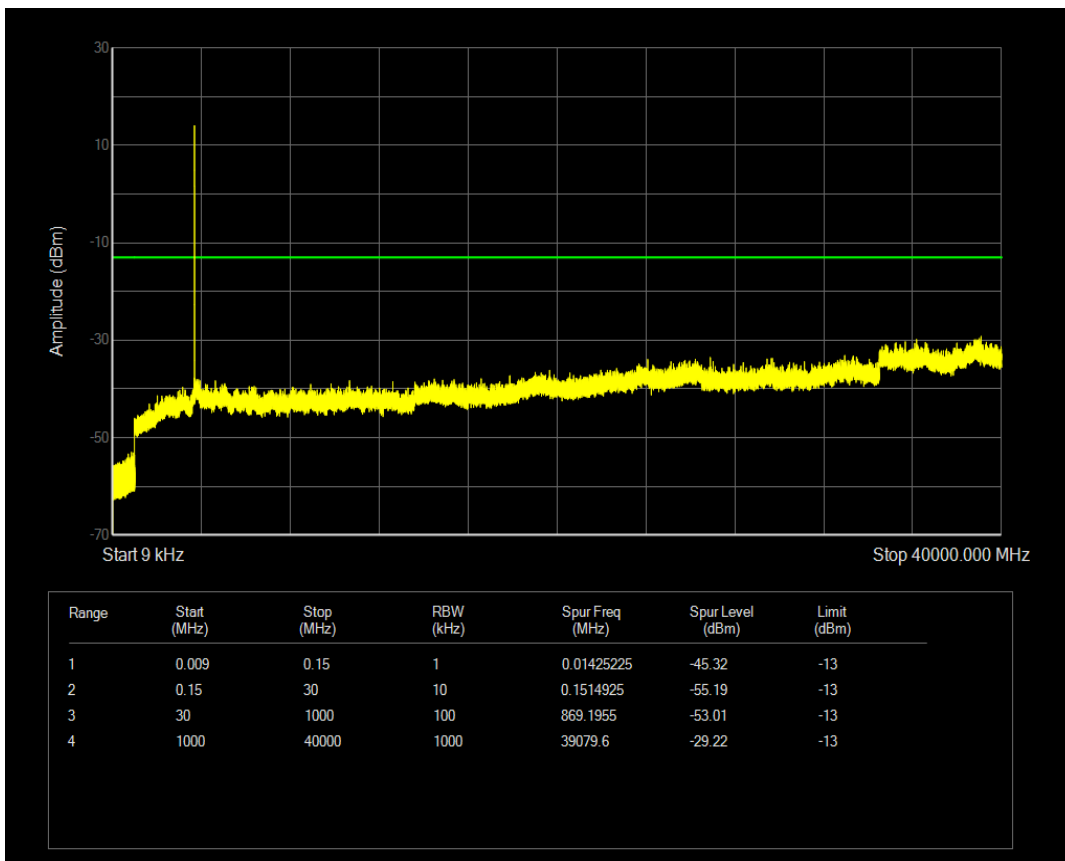
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1 @0*



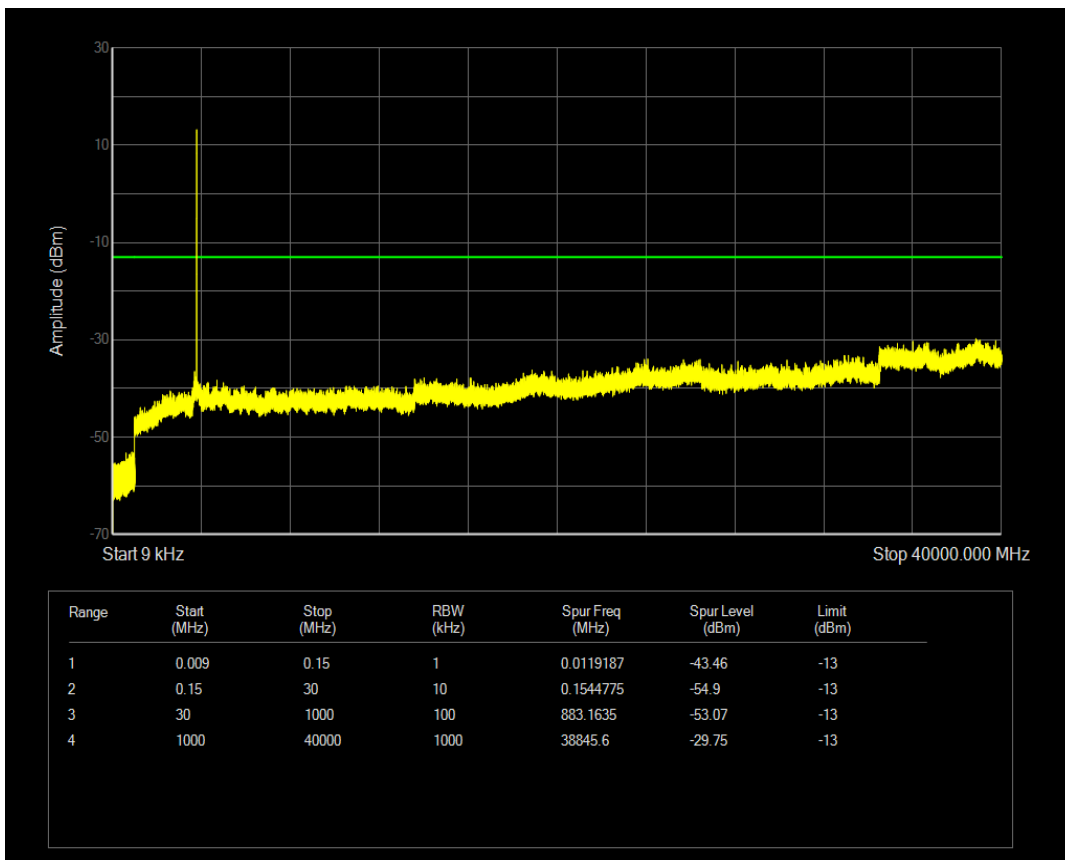
## 6 Out-of-band emissions for NR FR1

<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	38952.85	-28.45	-13	PASS
n77(3700-3980)	30	10	647000	1@0	CP_QPSK	38915.80	-29.61	-13	PASS
n77(3700-3980)	30	10	647000	1@23	CP_QPSK	38894.35	-29.70	-13	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	36622.60	-28.97	-13	PASS
n77(3700-3980)	30	10	665000	1@0	CP_QPSK	38736.40	-29.10	-13	PASS
n77(3700-3980)	30	10	665000	1@23	CP_QPSK	39779.65	-29.68	-13	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	39066.93	-29.52	-13	PASS
n77(3700-3980)	30	50	648334	1@0	CP_QPSK	38883.63	-28.75	-13	PASS
n77(3700-3980)	30	50	648334	1@132	CP_QPSK	39069.85	-29.55	-13	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	38829.03	-29.51	-13	PASS
n77(3700-3980)	30	50	663666	1@0	CP_QPSK	38915.80	-29.60	-13	PASS
n77(3700-3980)	30	50	663666	1@132	CP_QPSK	38863.15	-28.32	-13	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	38980.15	-29.60	-13	PASS
n77(3700-3980)	30	100	650000	1@0	CP_QPSK	39079.60	-29.22	-13	PASS
n77(3700-3980)	30	100	650000	1@272	CP_QPSK	38845.60	-29.75	-13	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	38815.38	-28.74	-13	PASS
n77(3700-3980)	30	100	662000	1@0	CP_QPSK	38909.95	-28.86	-13	PASS
n77(3700-3980)	30	100	662000	1@272	CP_QPSK	38846.58	-28.59	-13	PASS

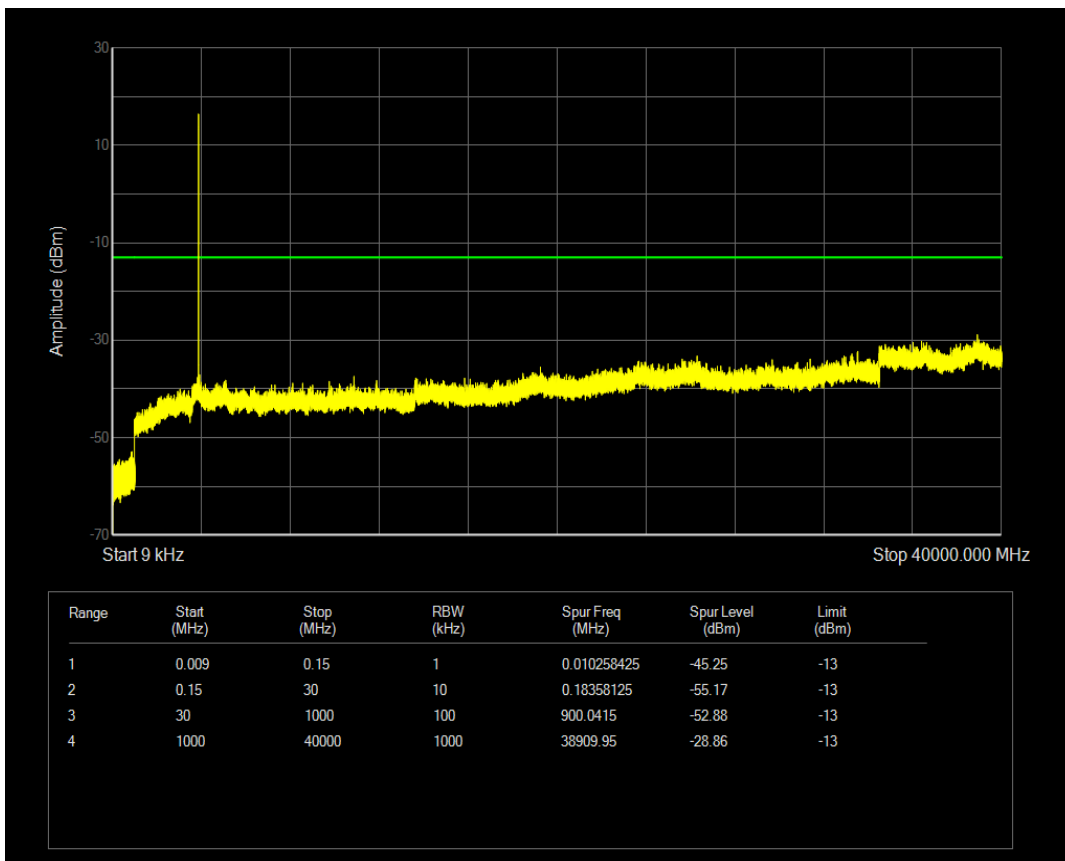
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0*



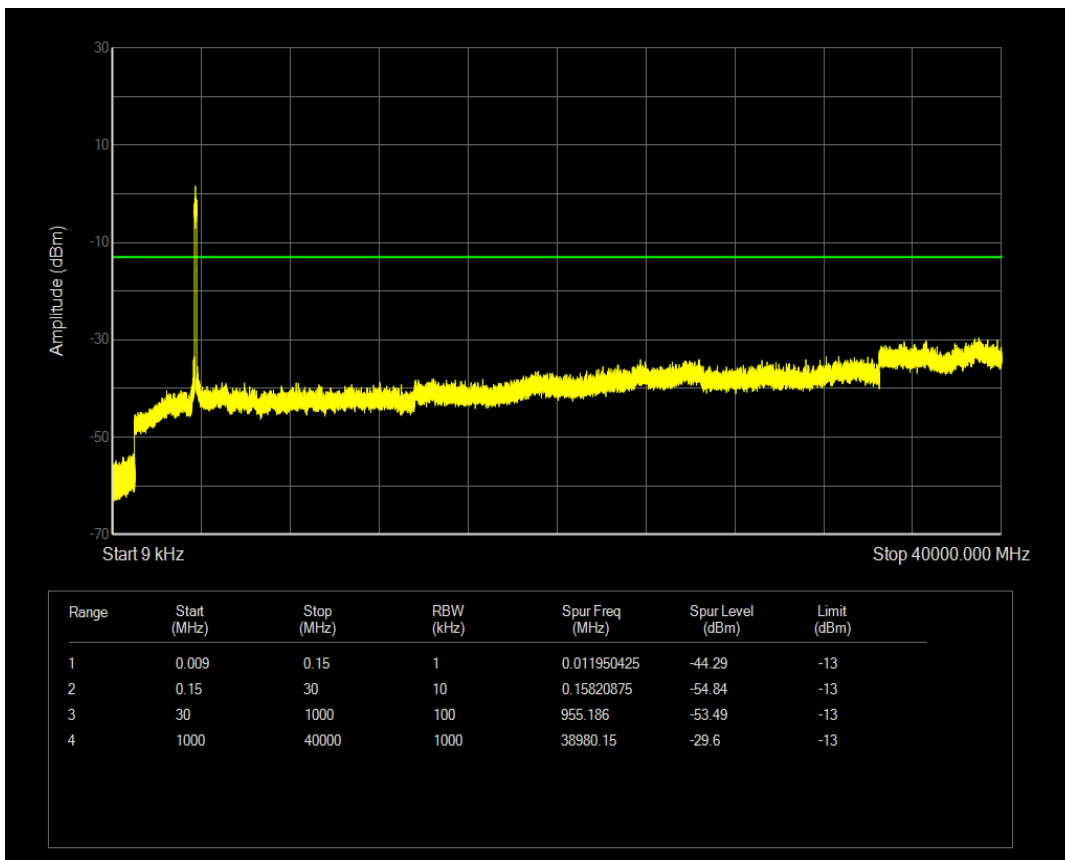
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272**



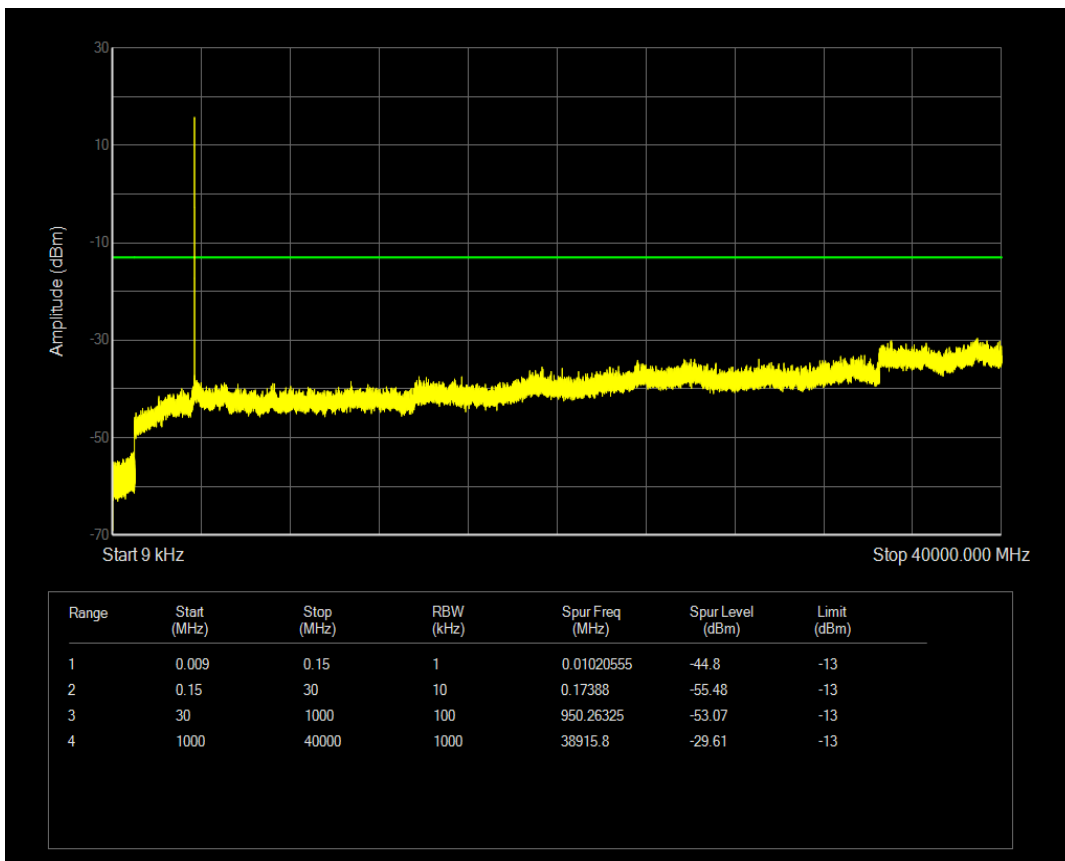
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0**



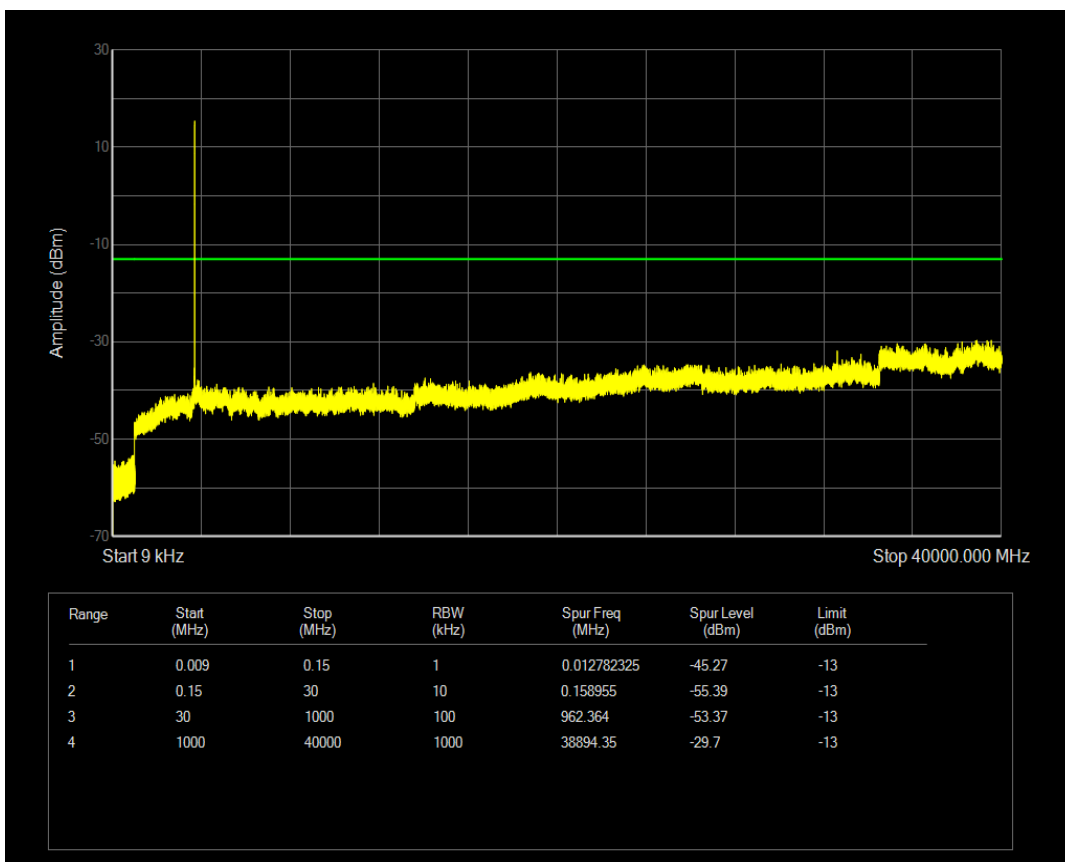
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0**



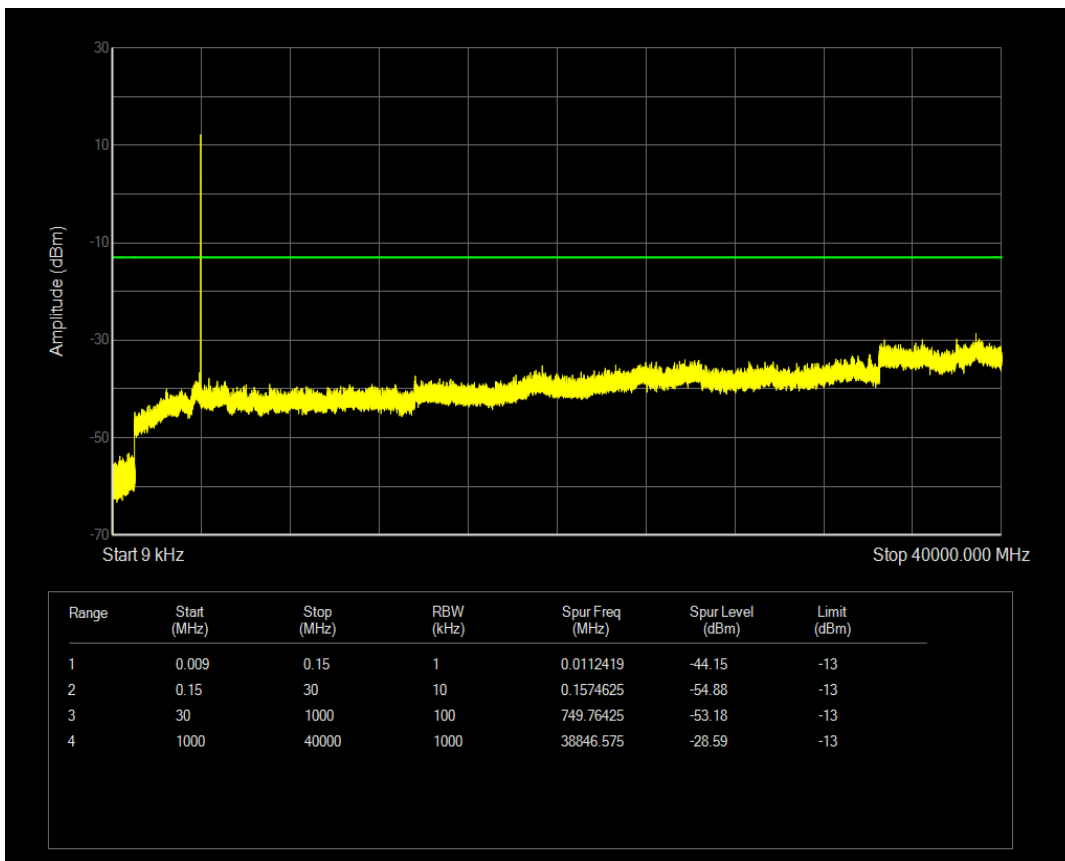
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0**



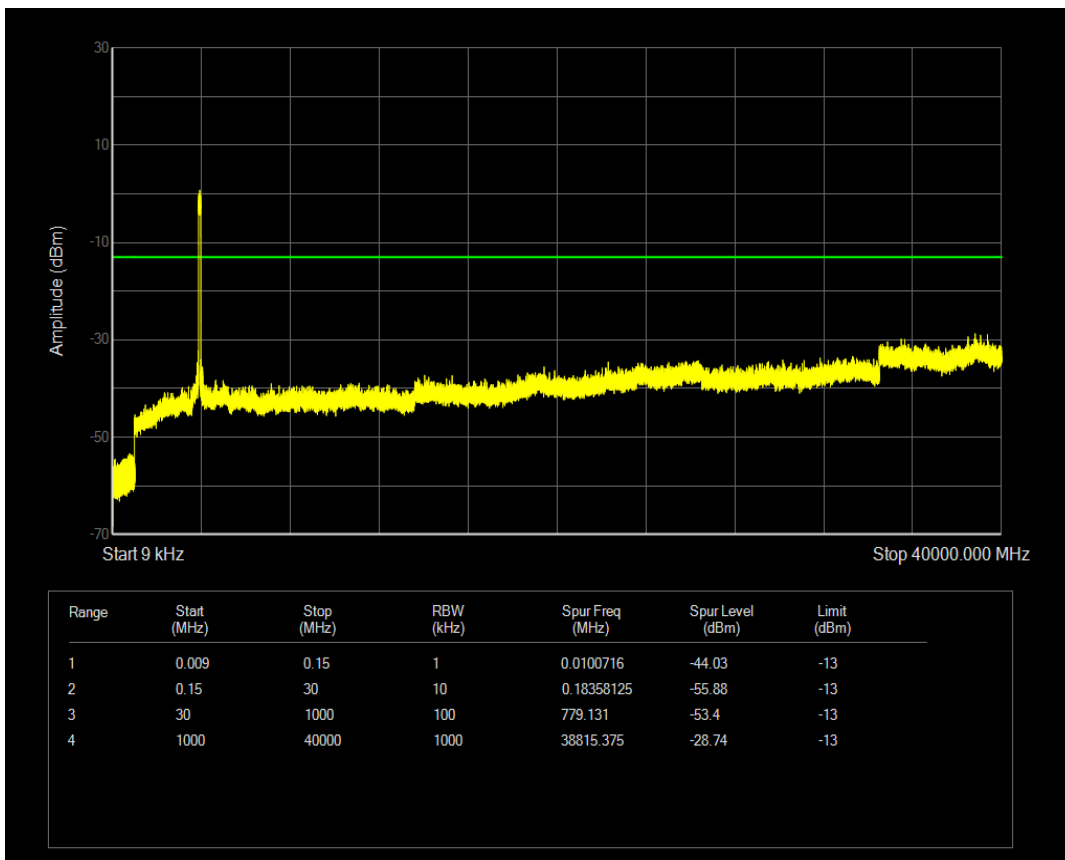
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1 @23**



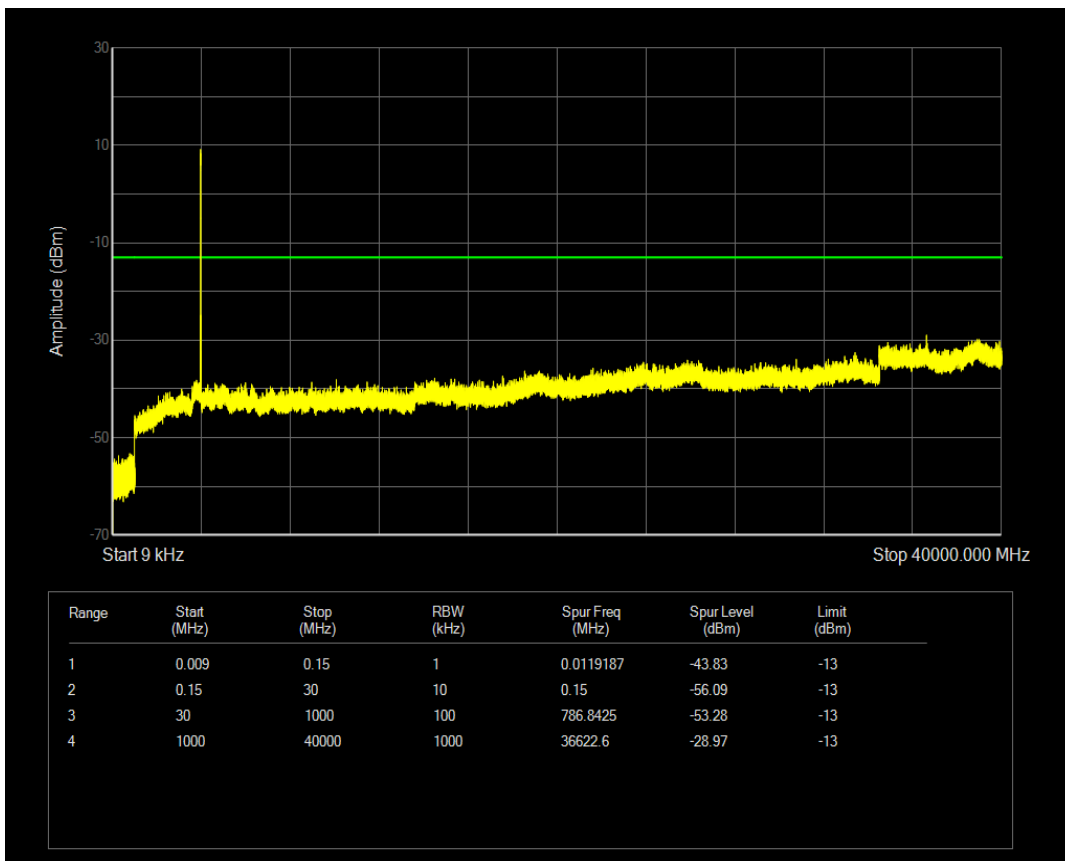
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1 @272**



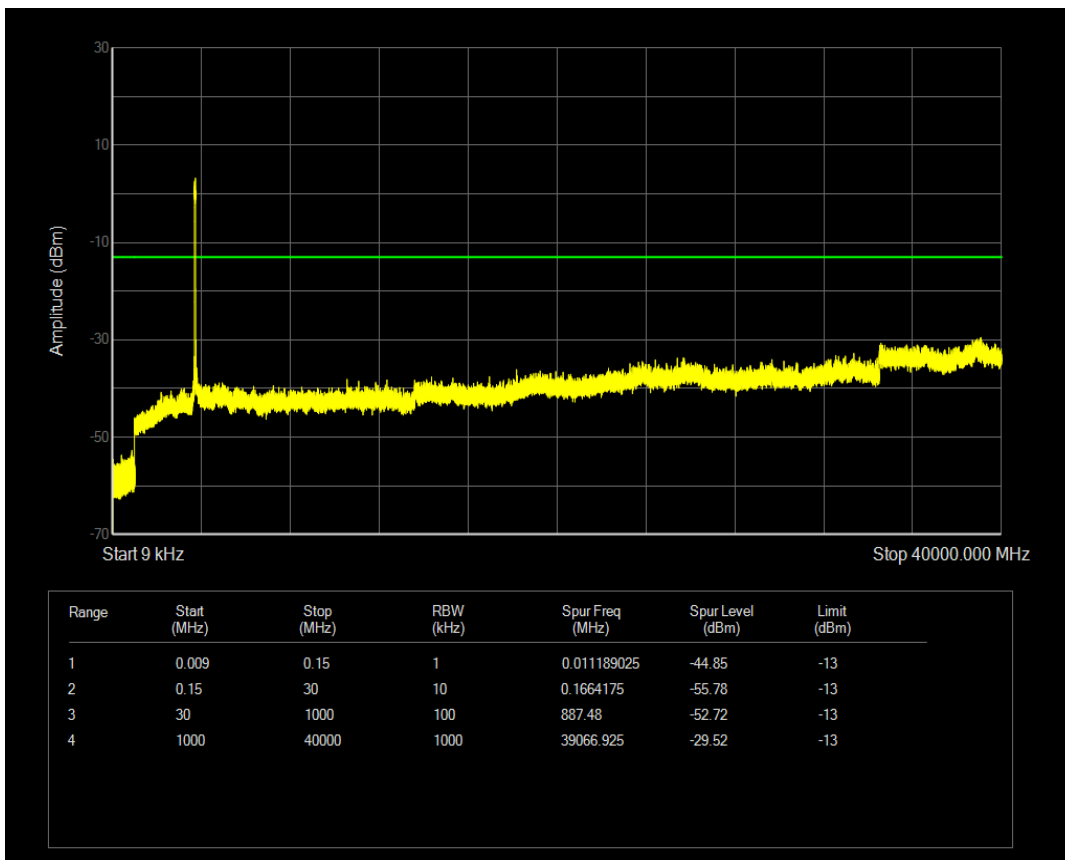
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0**



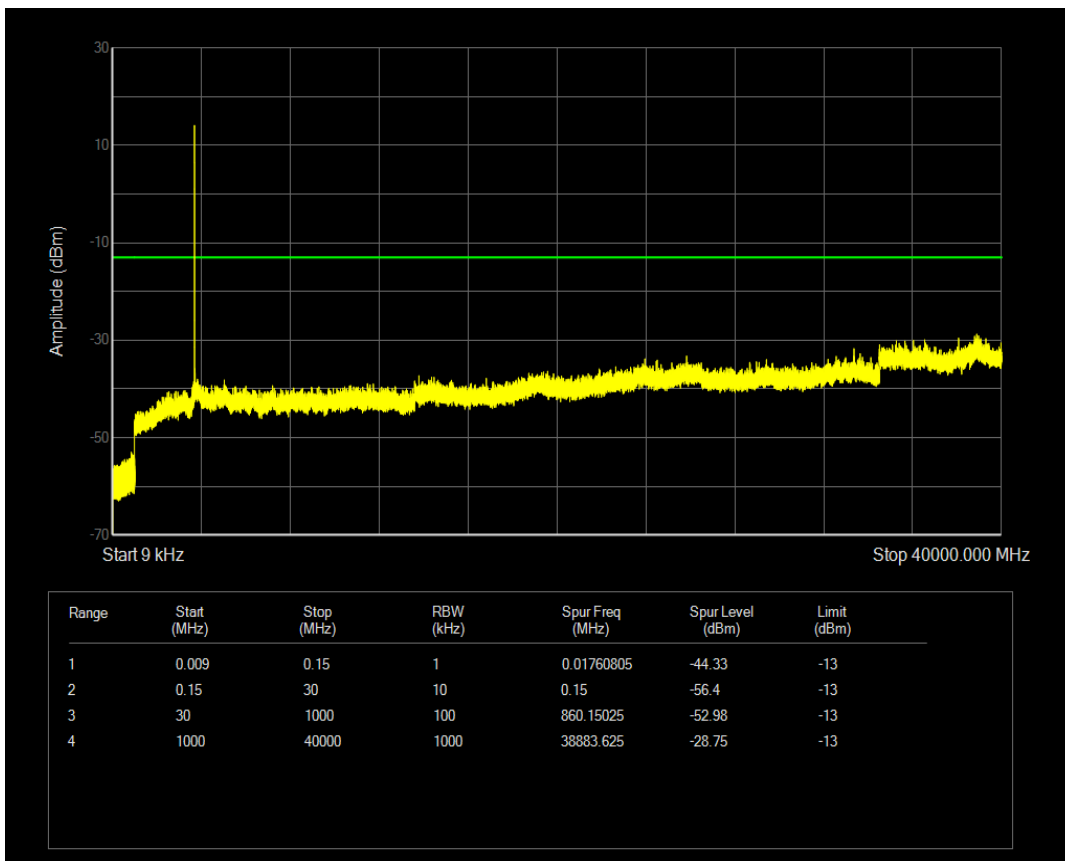
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0**



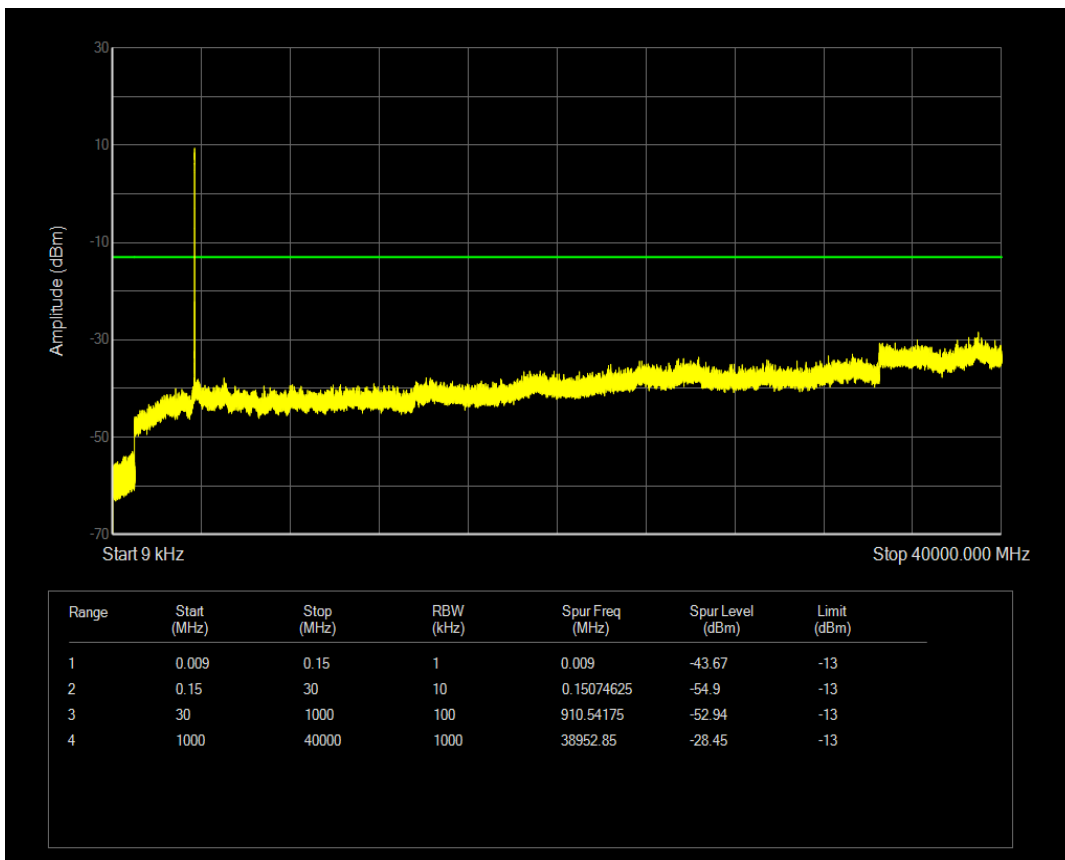
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133 @0*



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1 @0*

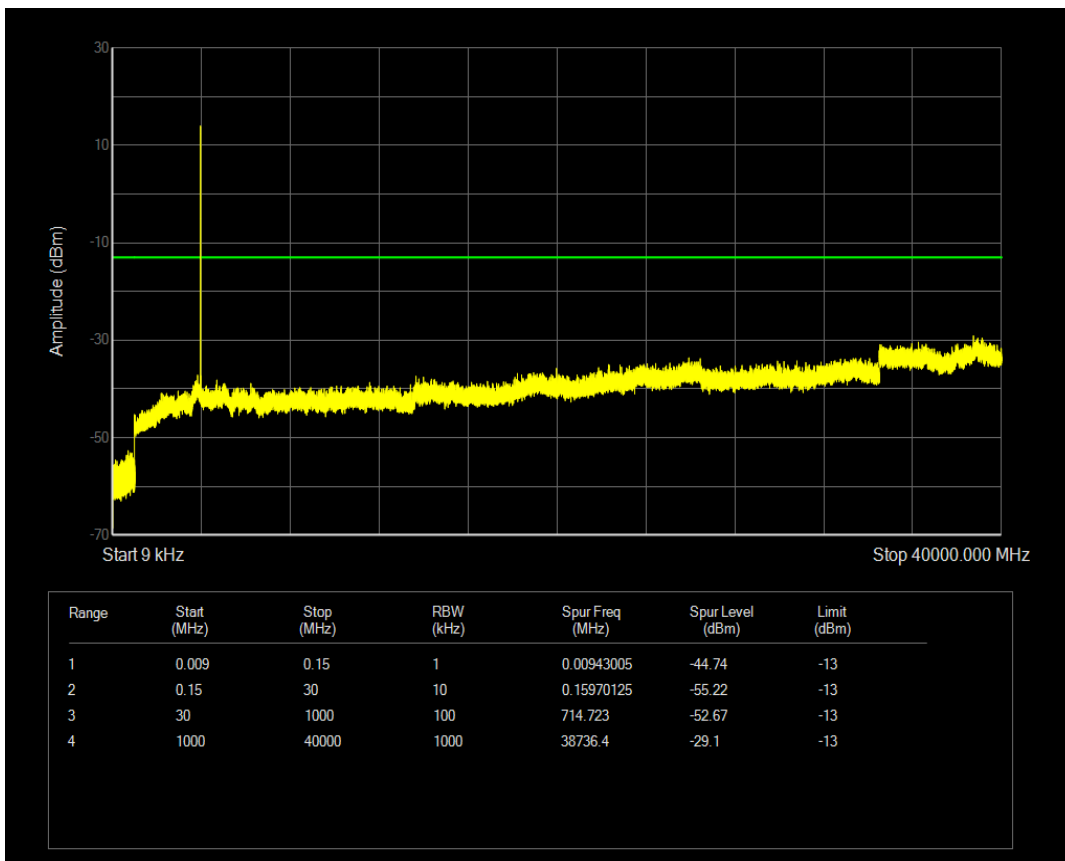


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*

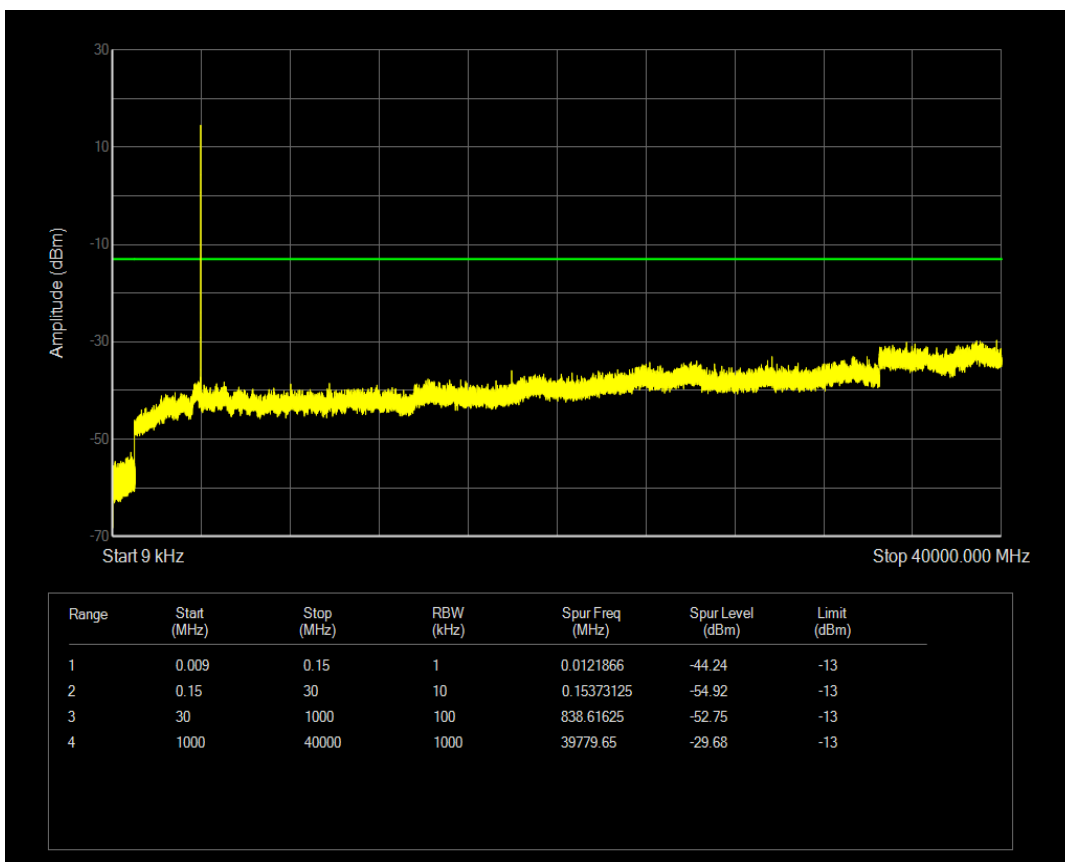


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*

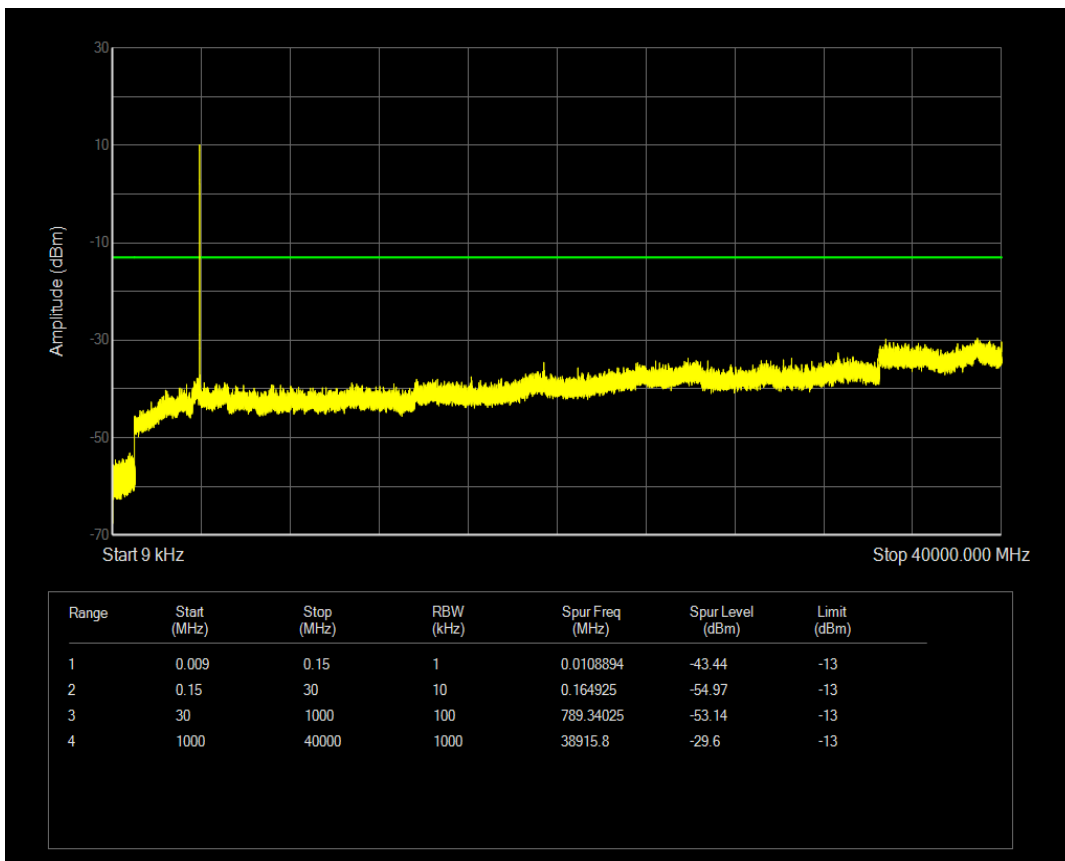




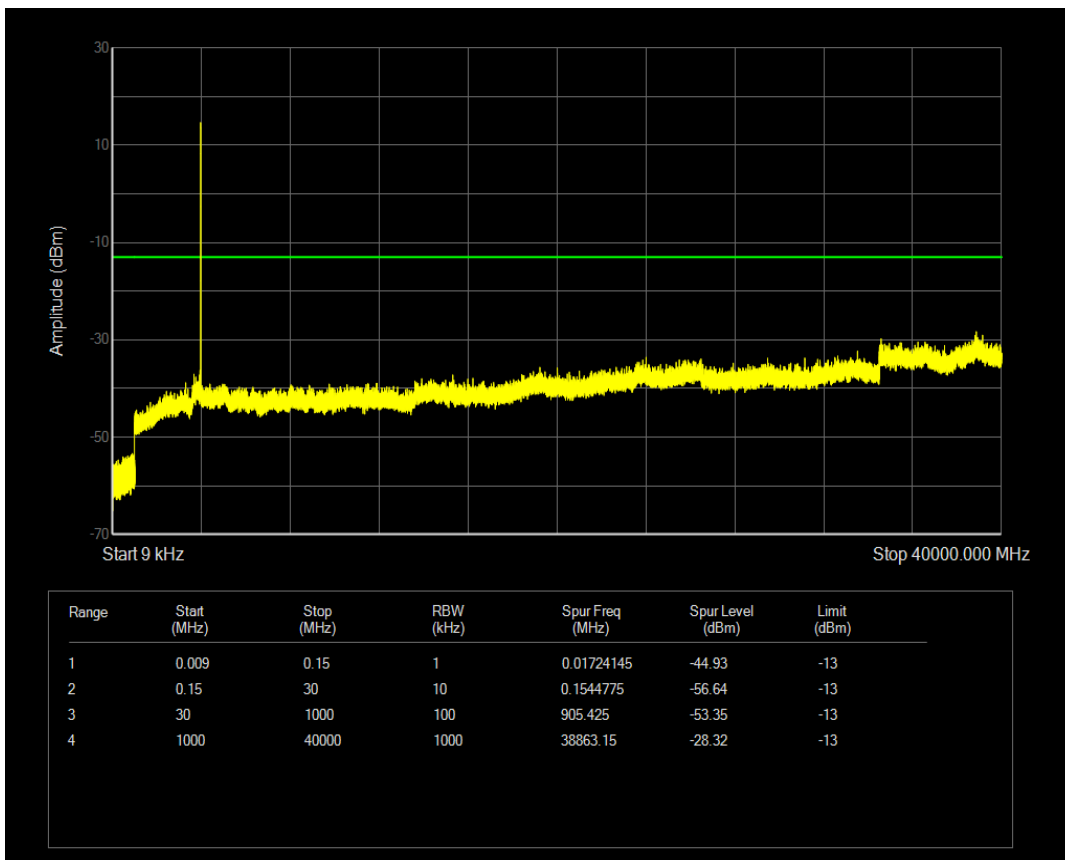
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23**



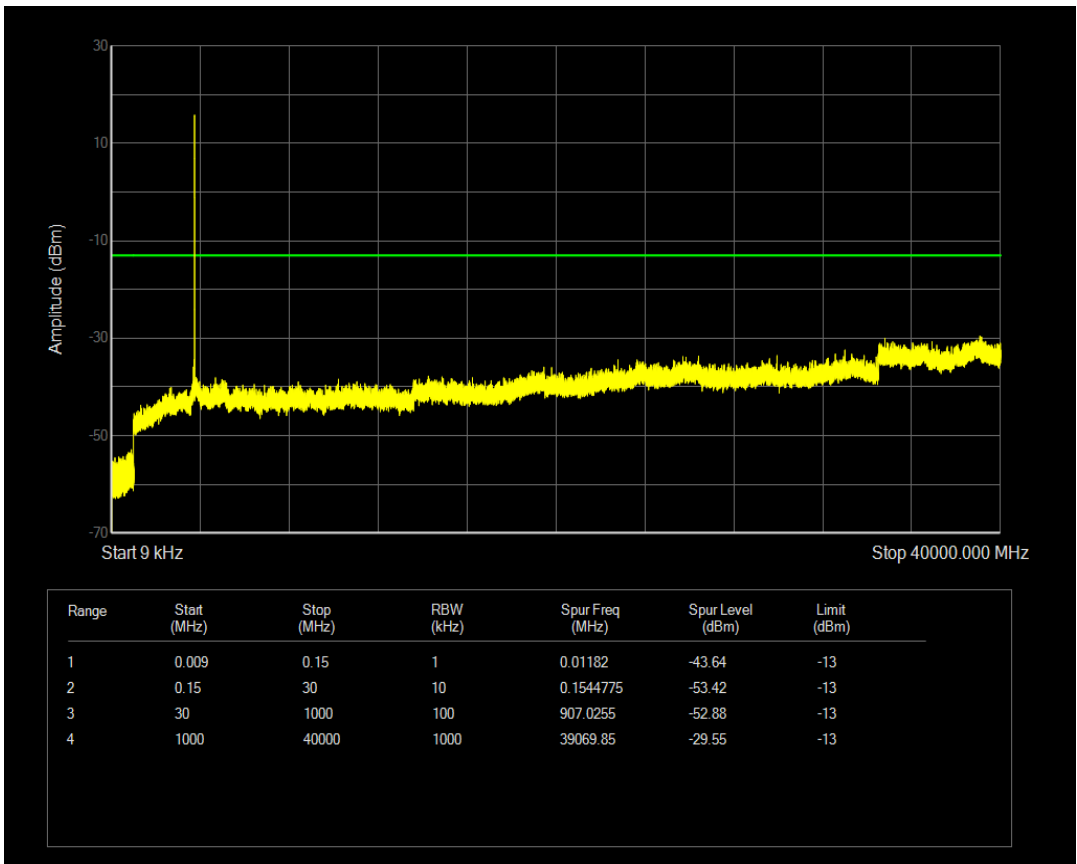
**n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0**



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1 @132*



*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*

