



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



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0



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



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



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



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=656000 RB=50@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=656000 RB=75@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\_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\_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=20MHz Channel=656000 RB=50@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=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=80MHz Channel=656000 RB=216@0*



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



*n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@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=20MHz Channel=656000 RB=50@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=80MHz Channel=656000 RB=216@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=90MHz Channel=656000 RB=240@0





Ready

BSE.CONFIG[NR5G[Selected]].PMAX[STATE]

Copy

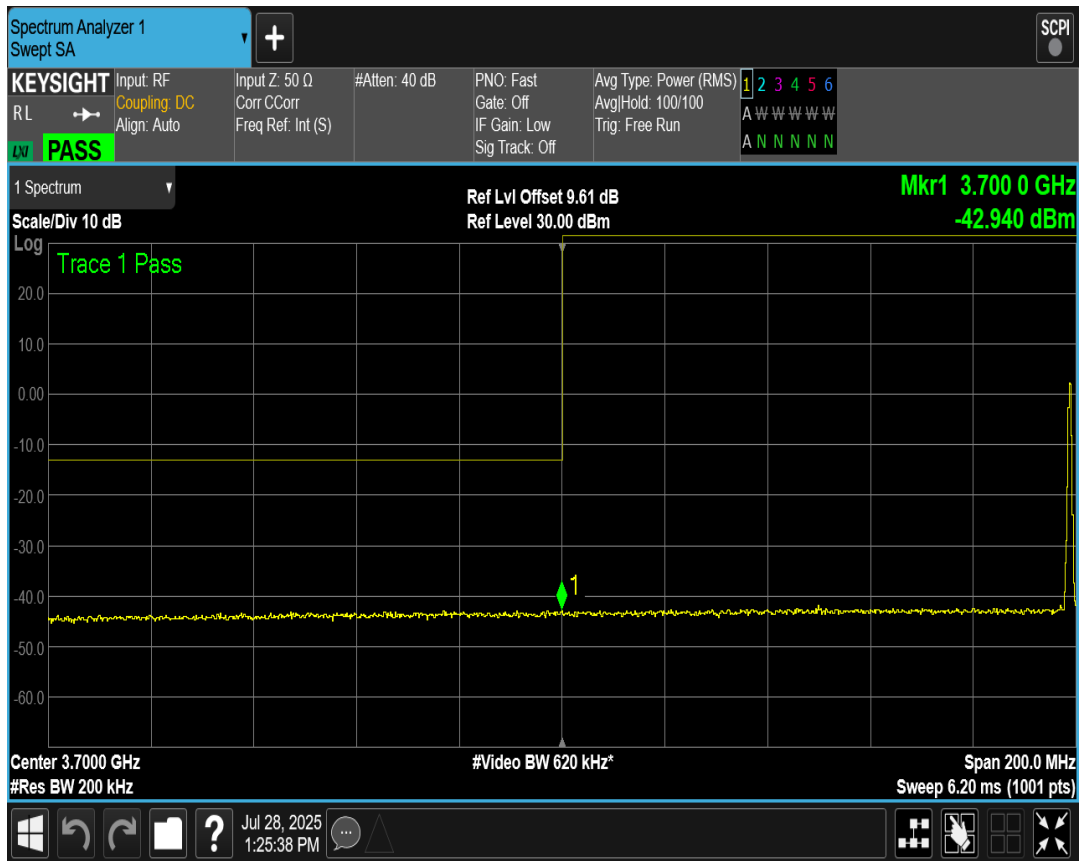
Current Log

2025-07-24 12:06:34

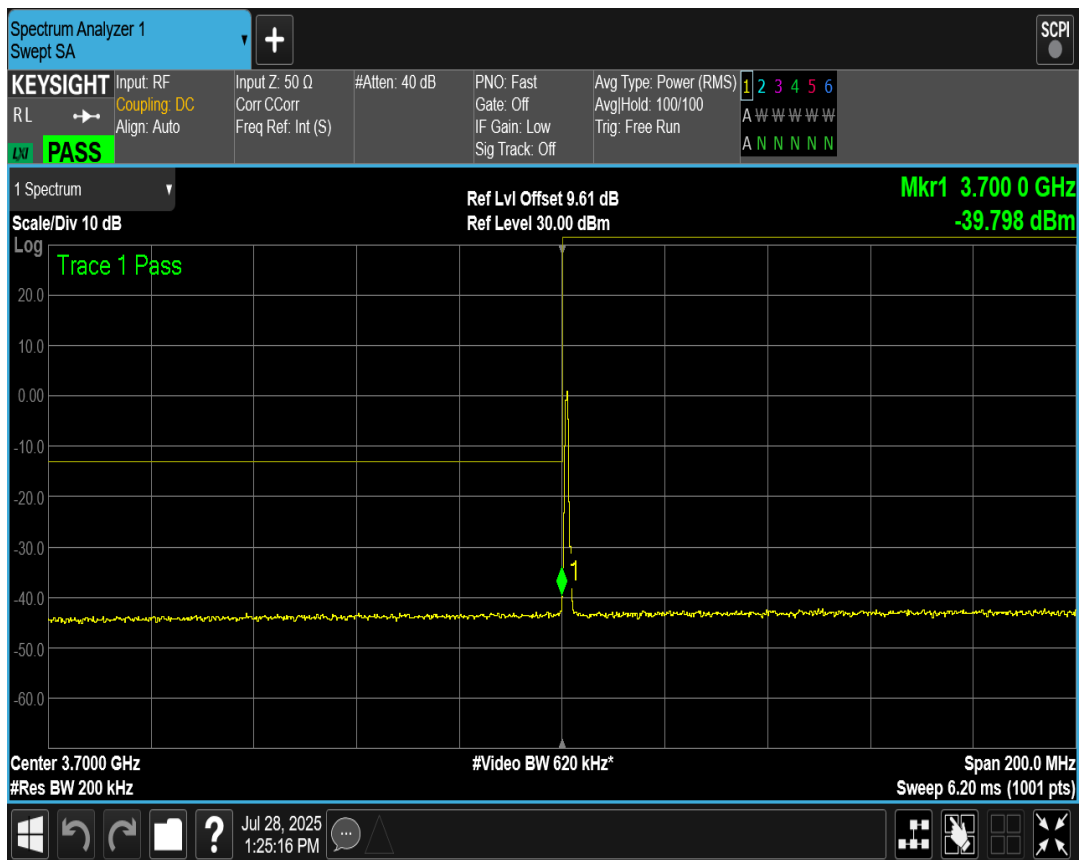
## 5 Band edge for NR FR1

| <i>Band</i>    | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| n77(3700-3980) | 30                   | 10                         | 647000                | 24@0                     | CP_QPSK           | 3691.54                        | -45.60                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 3699.98                        | -39.41                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 3697.30                        | -42.45                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 3980.12                        | -44.83                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 3985.16                        | -43.40                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 3980.00                        | -40.78                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 3695.20                        | -38.29                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 3699.00                        | -42.59                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 3698.70                        | -42.61                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 3996.80                        | -39.36                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 3983.00                        | -43.47                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 3980.00                        | -42.69                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 3700.00                        | -31.08                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 3700.00                        | -39.79                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 3700.00                        | -42.93                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 3980.00                        | -31.79                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 4002.20                        | -43.85                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 3980.00                        | -42.27                          | -13                    | PASS           |

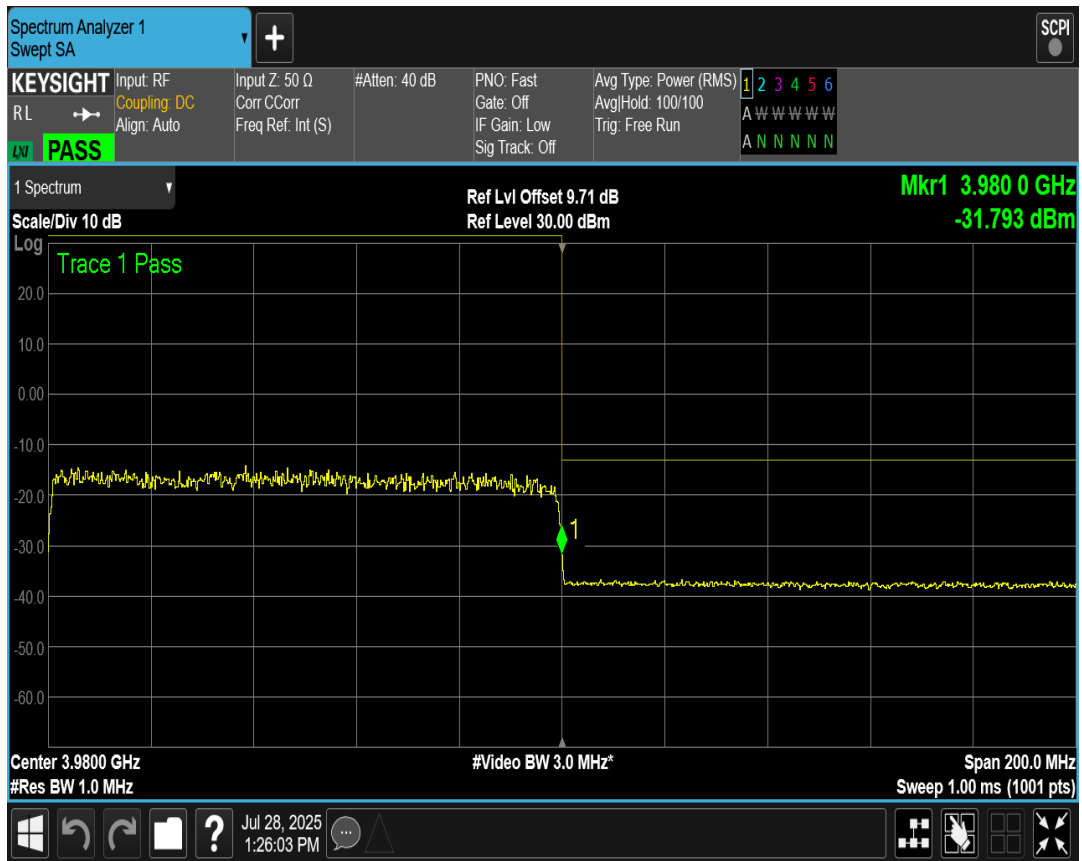
***n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272***



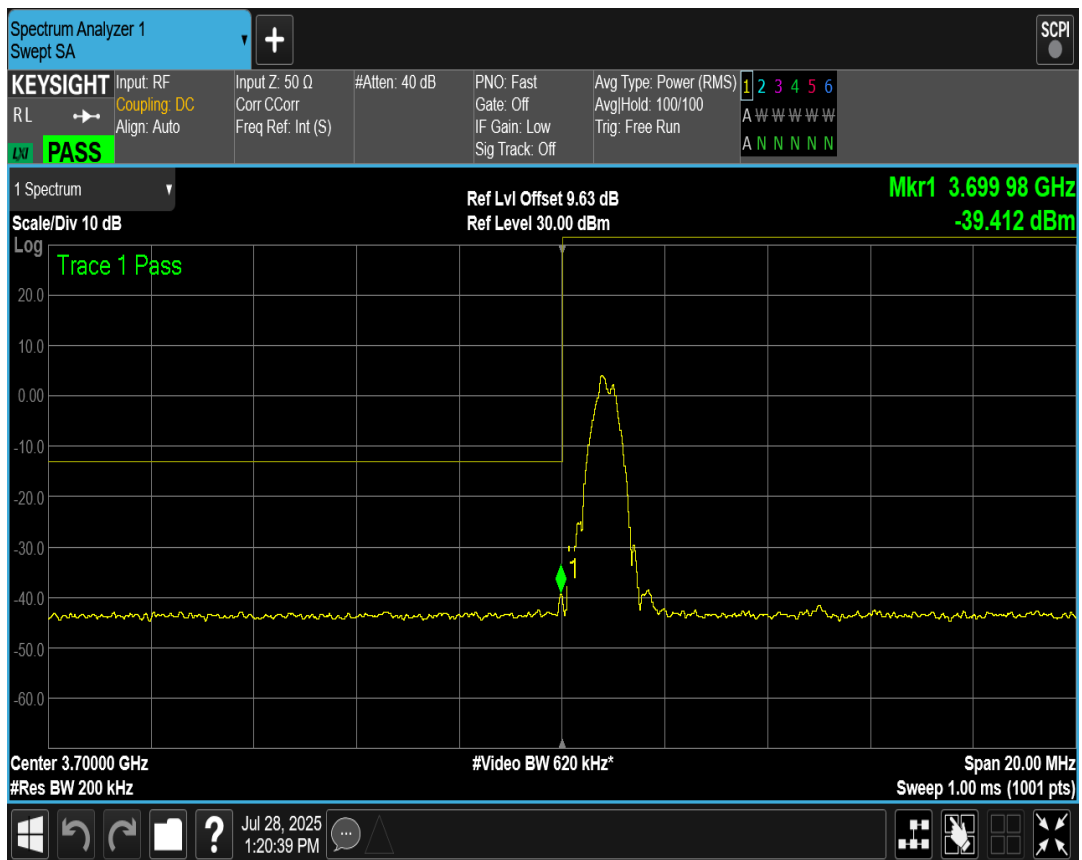
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0*



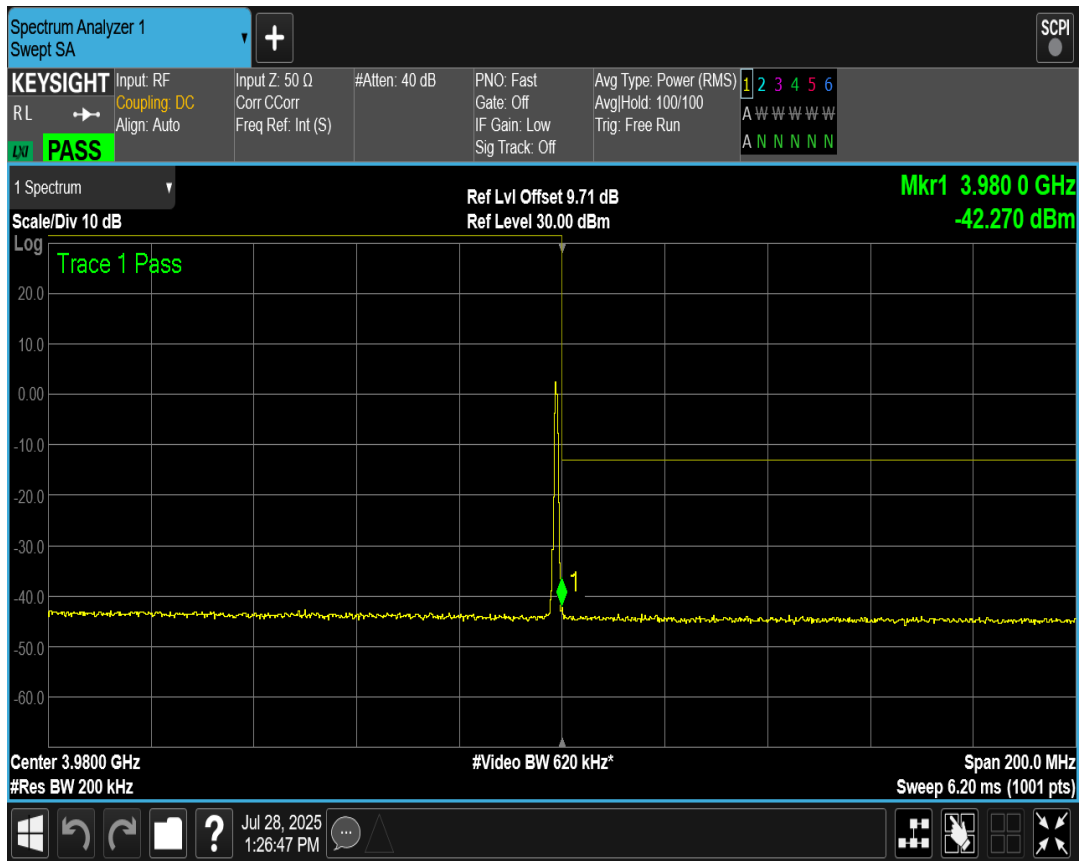
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



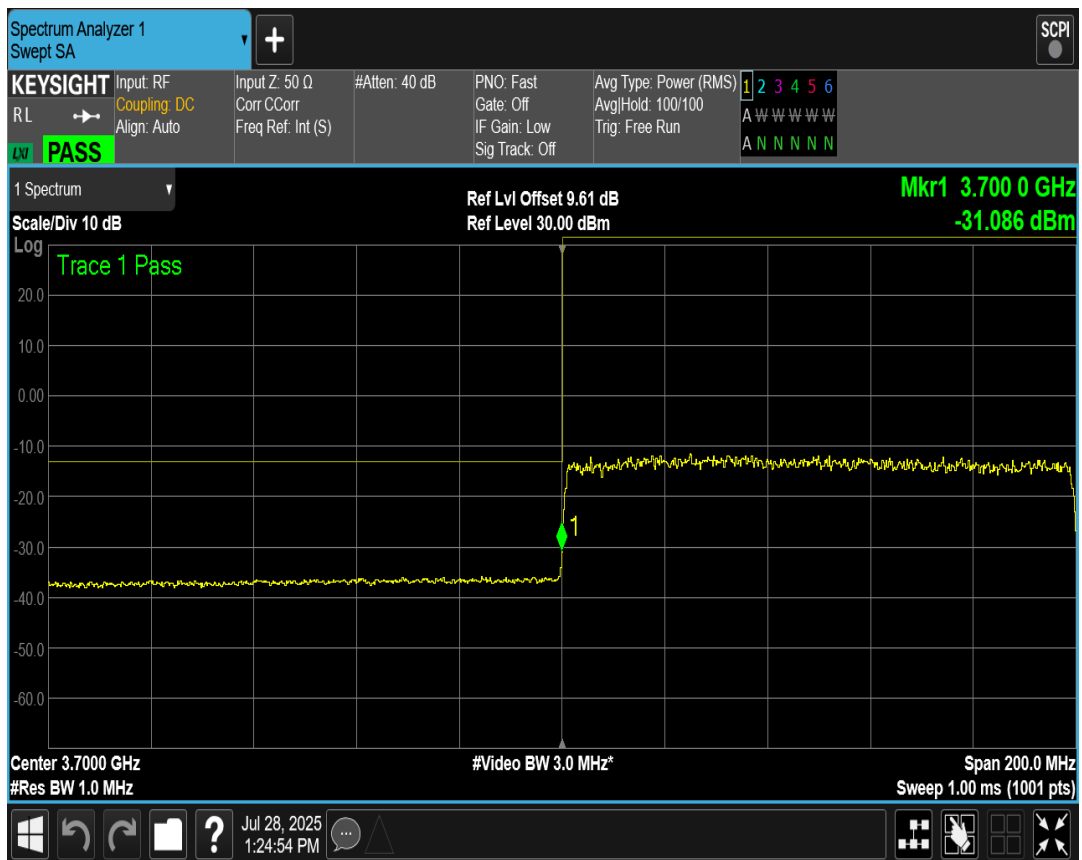
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



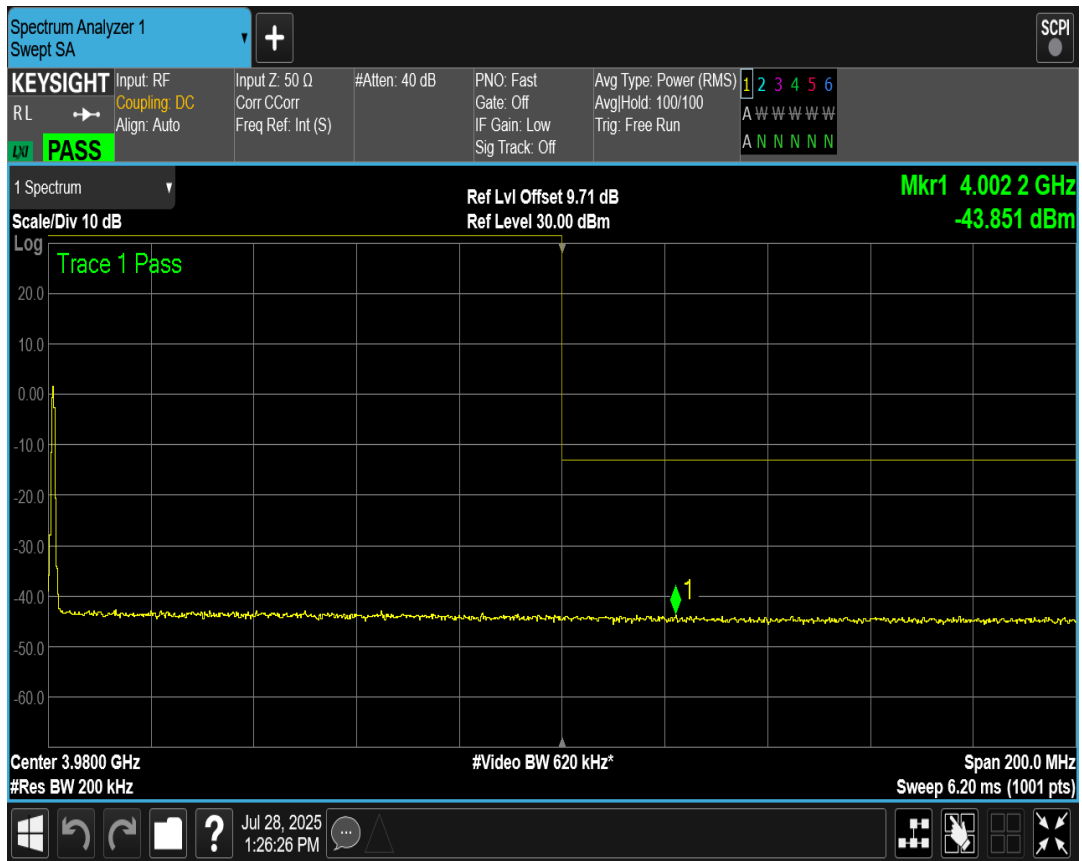
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



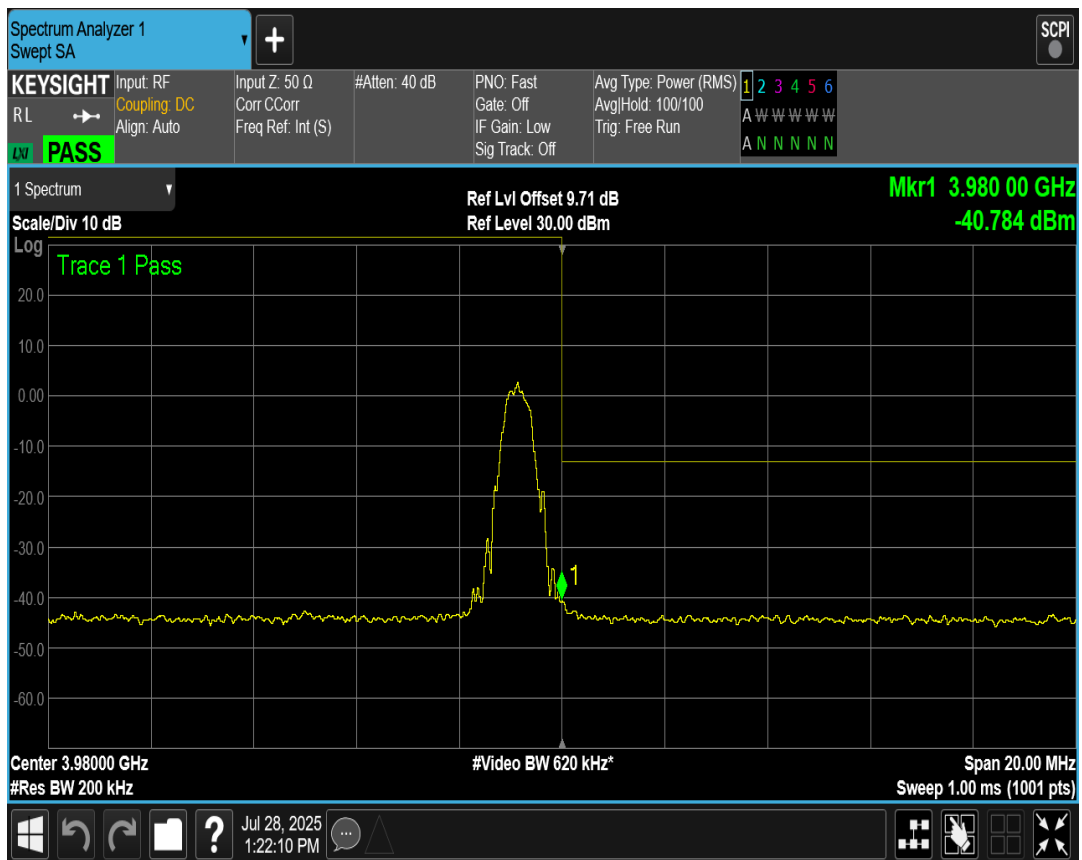
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0*



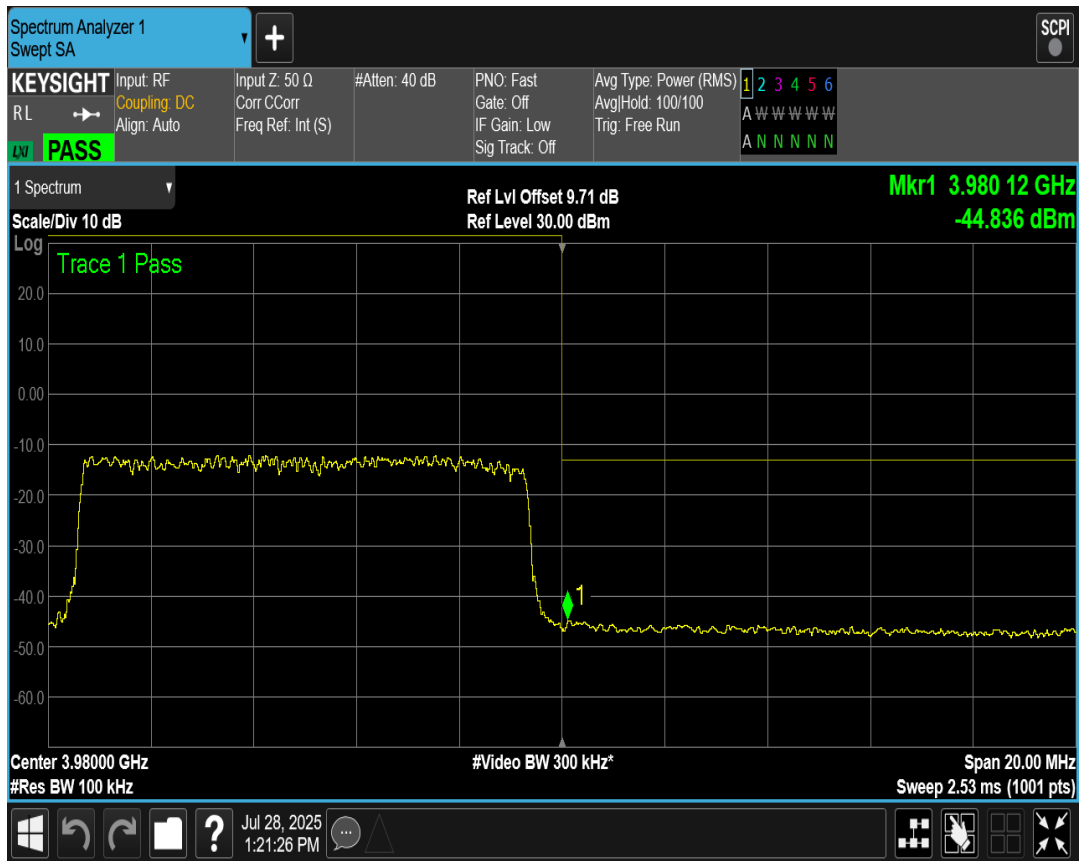
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0*



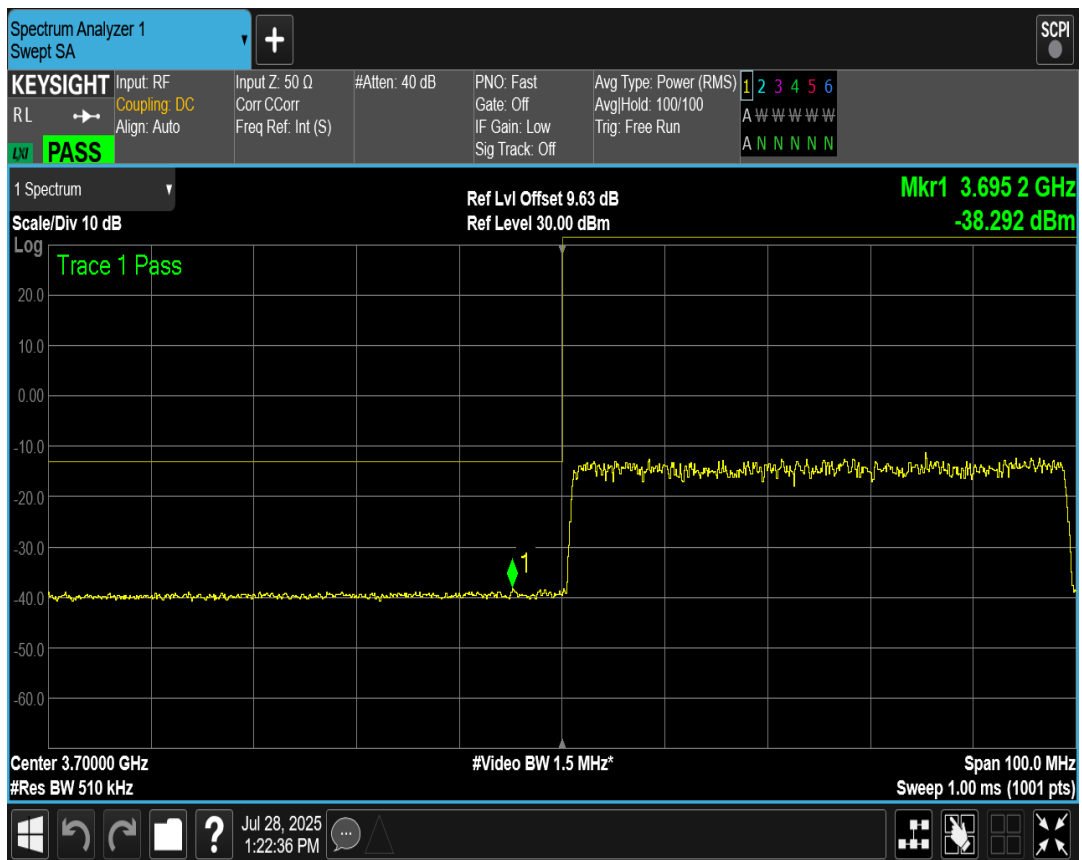
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23*



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

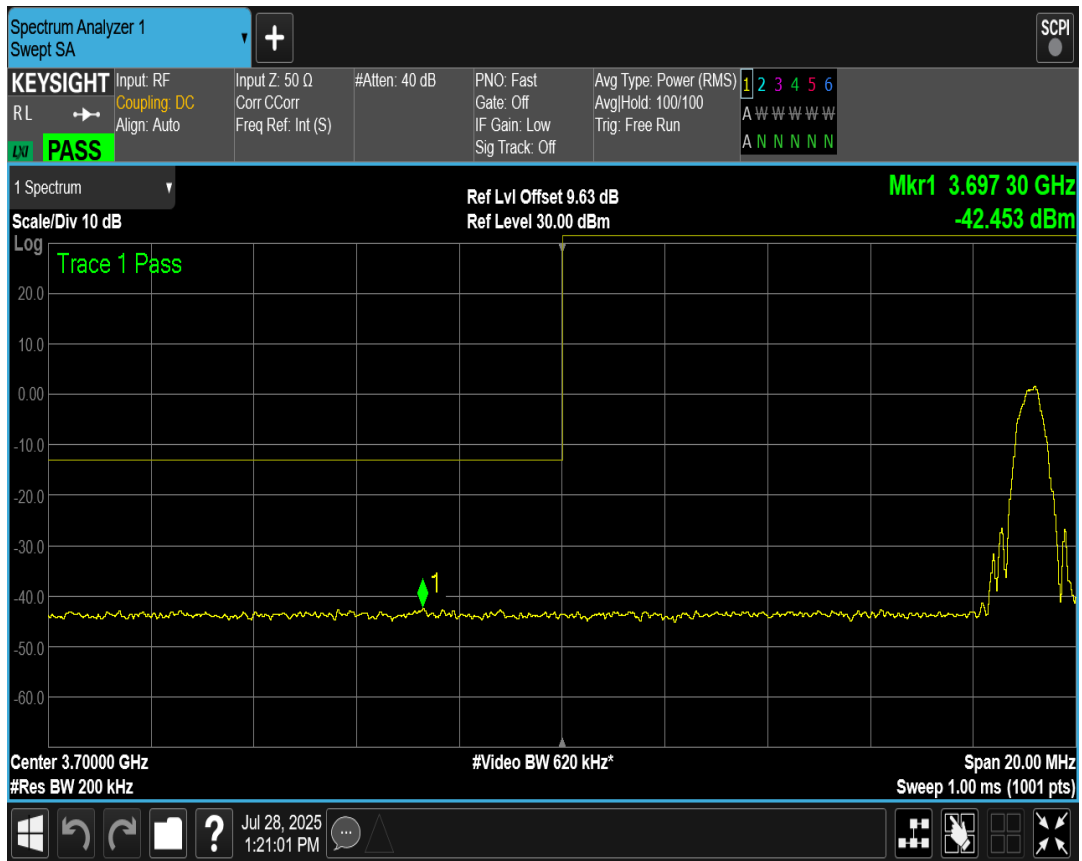


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*

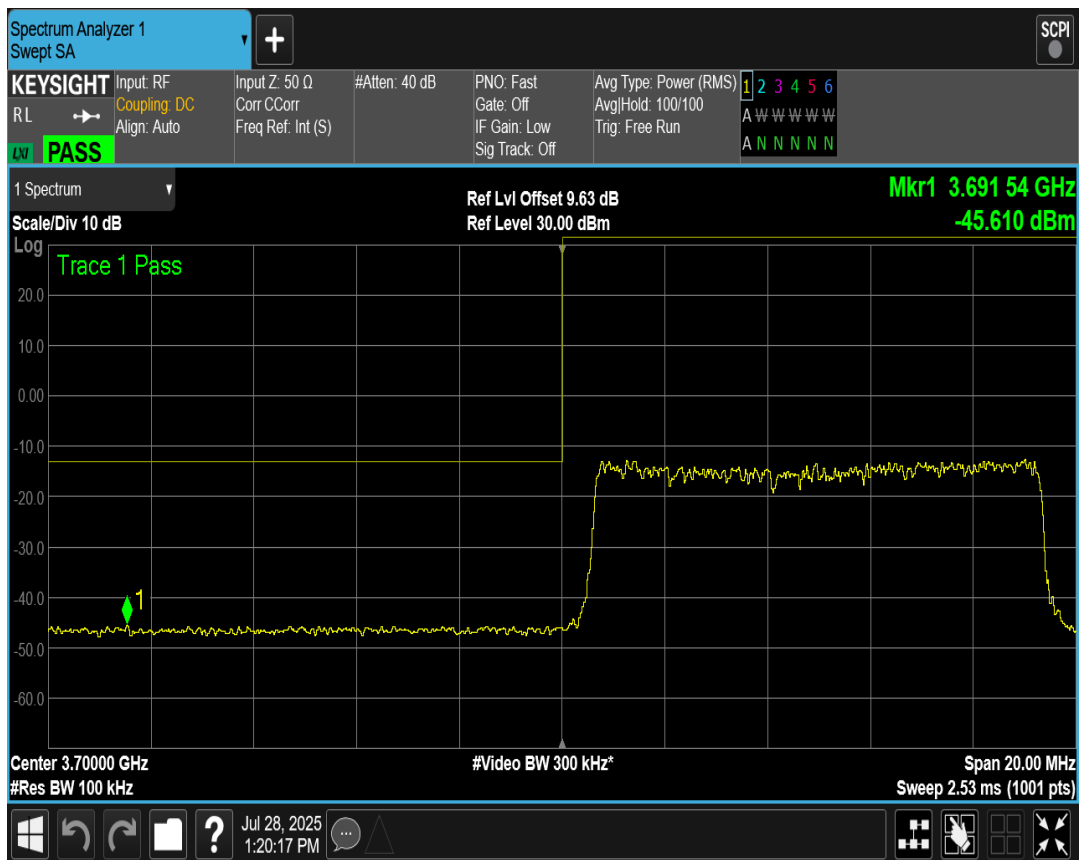


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*

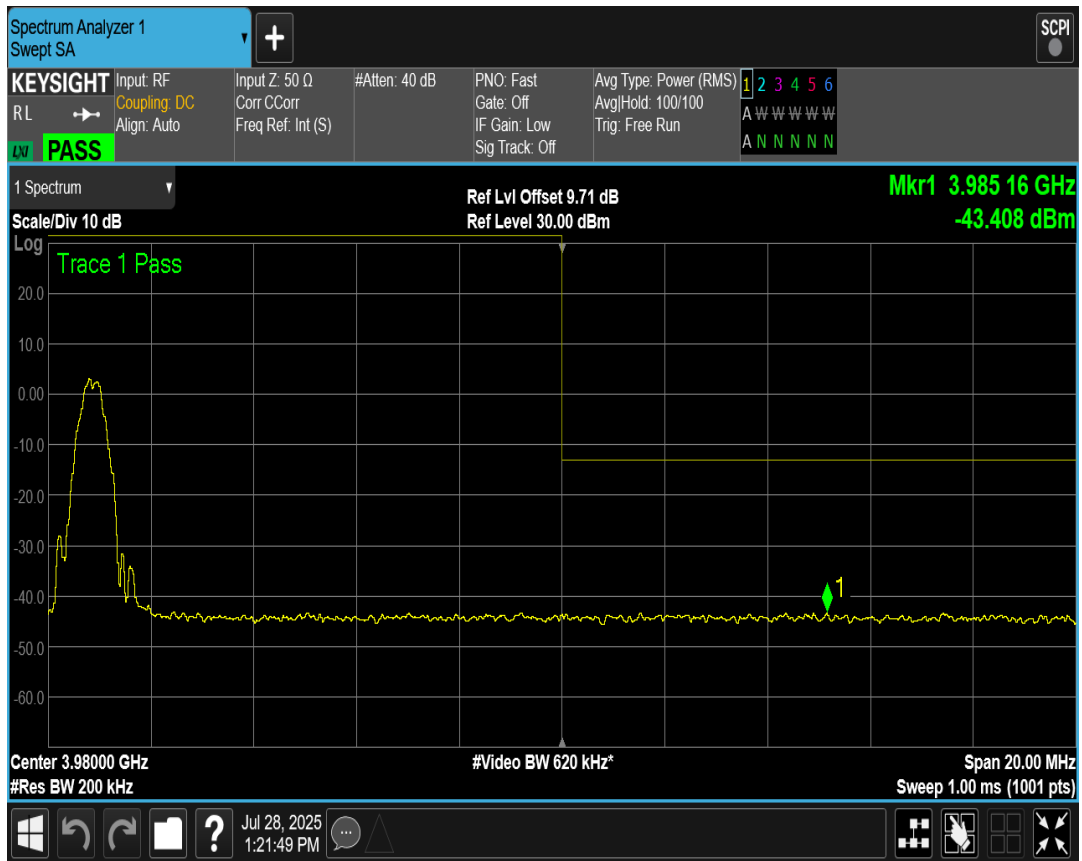




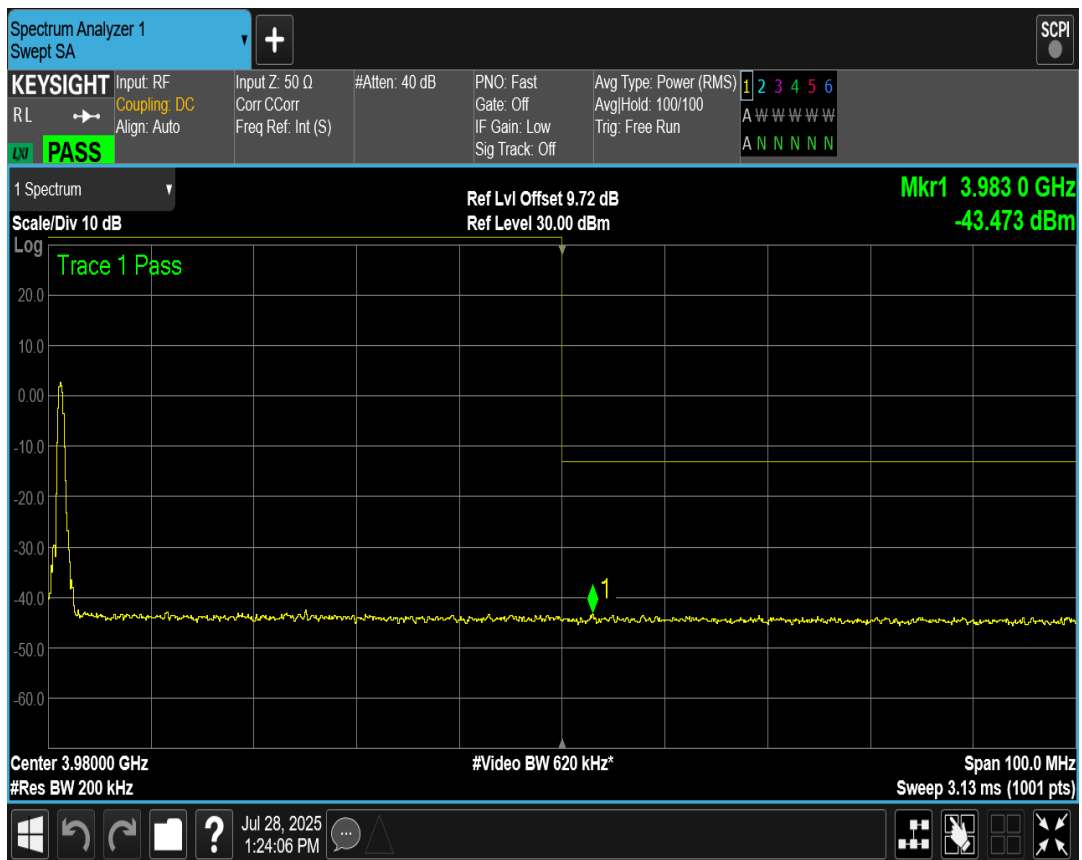
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*



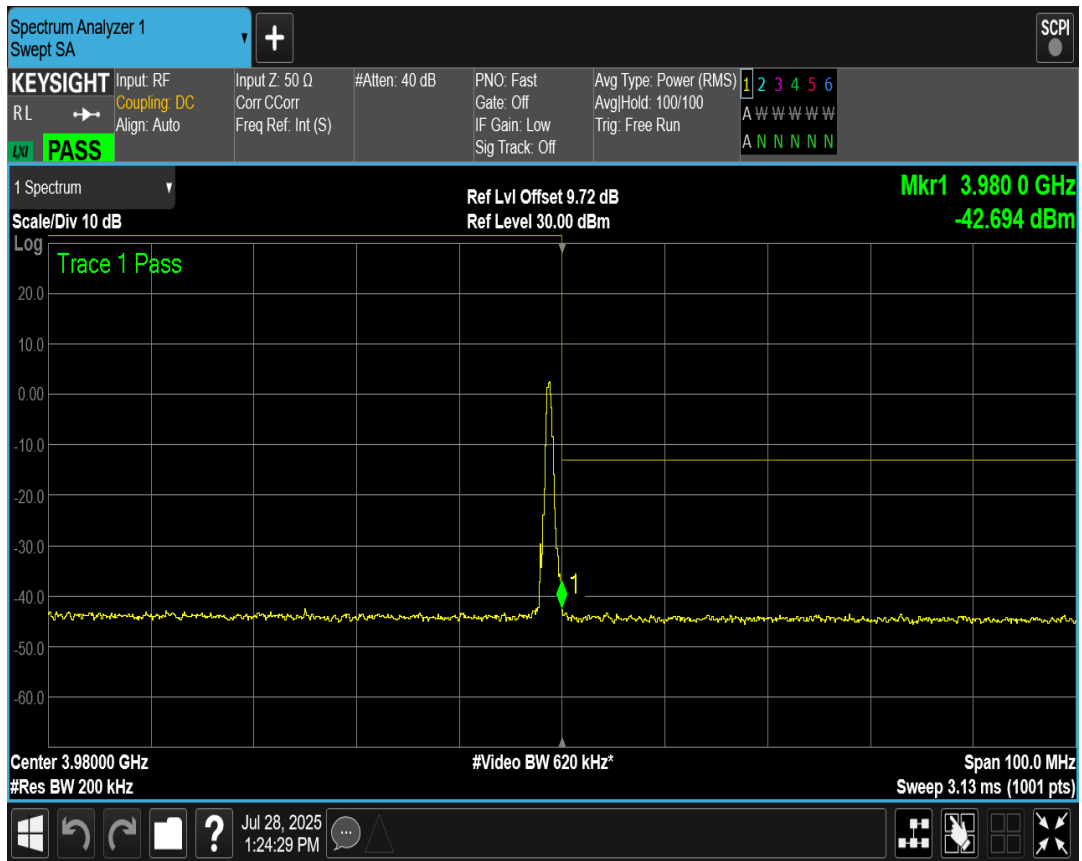
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*



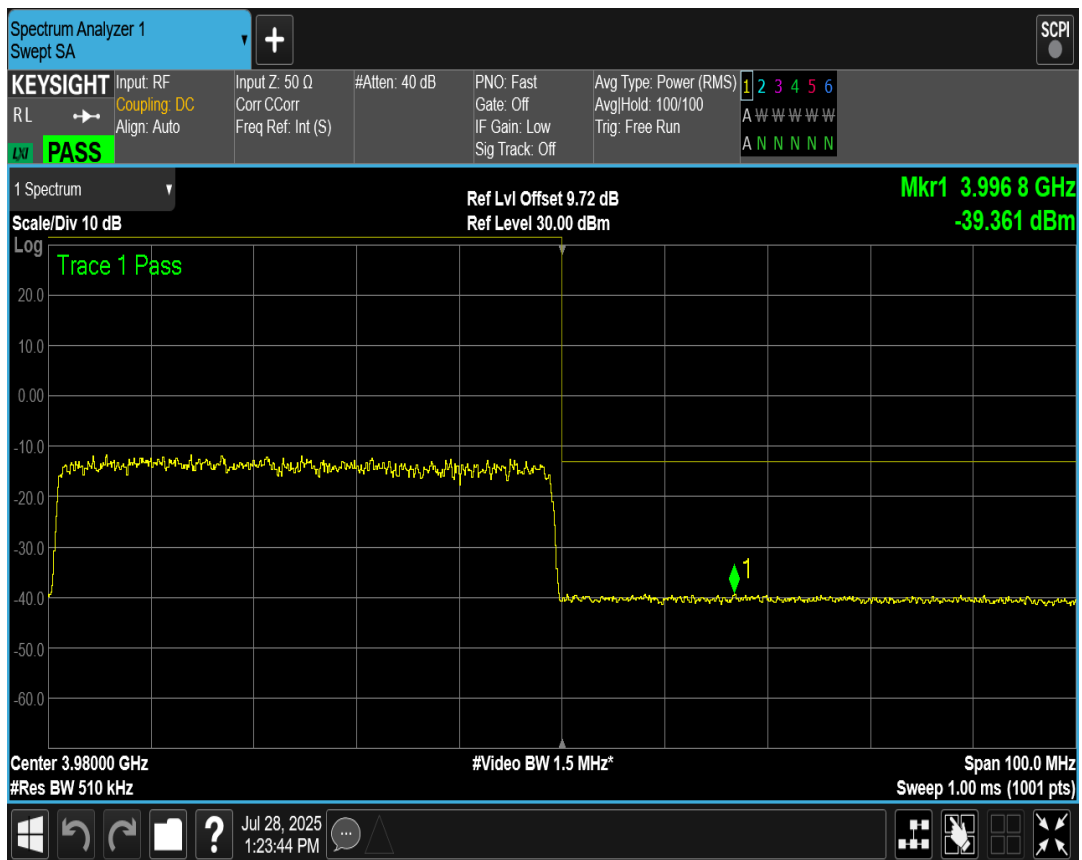
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0*



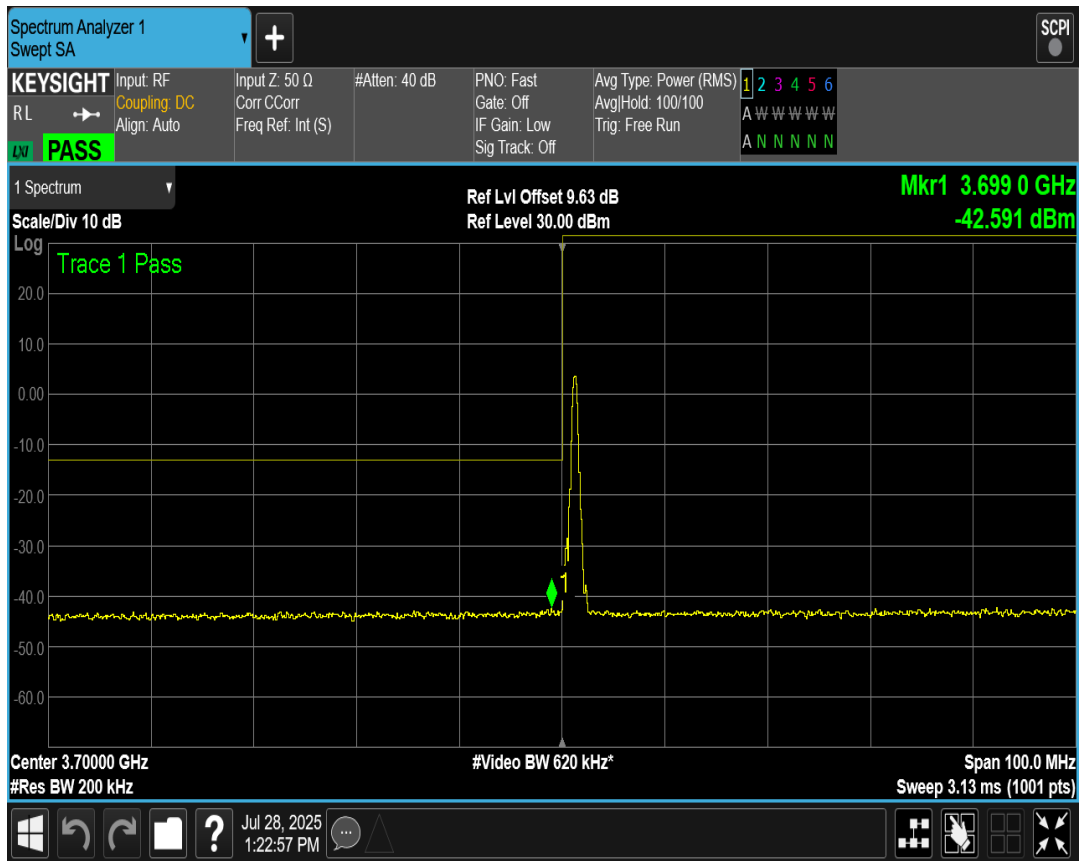
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@132*



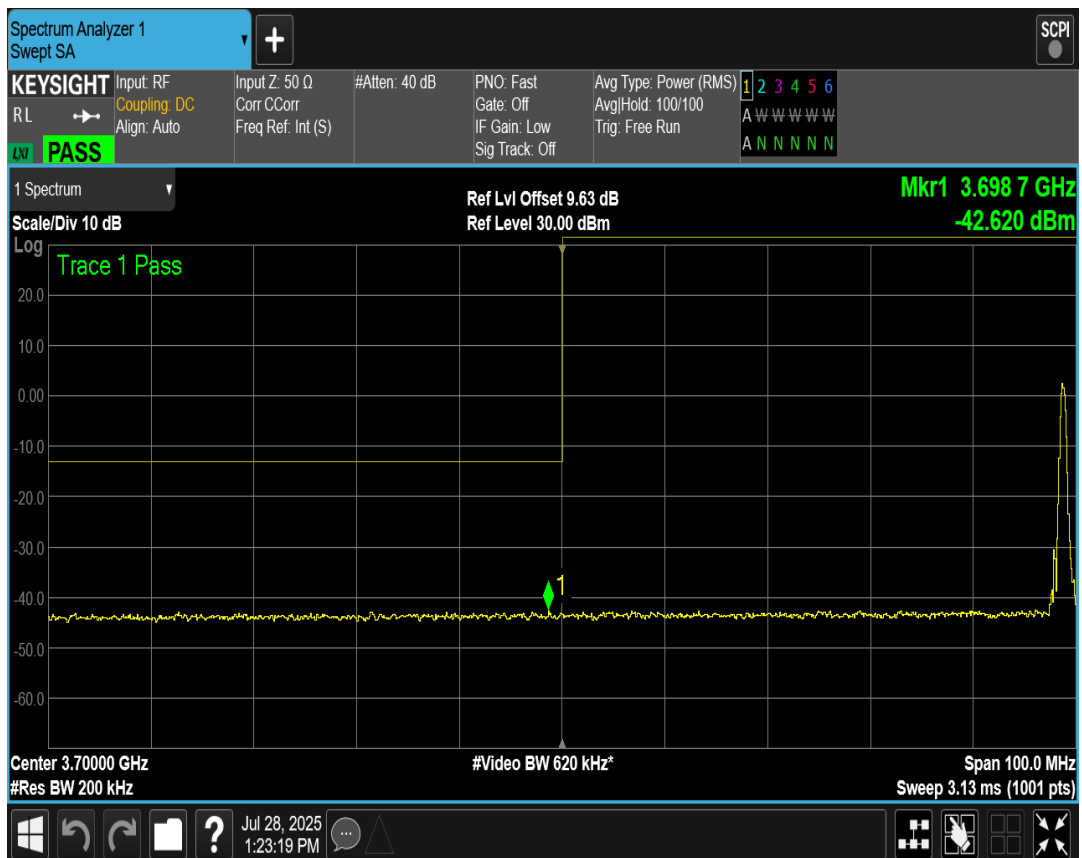
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=133@0*



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



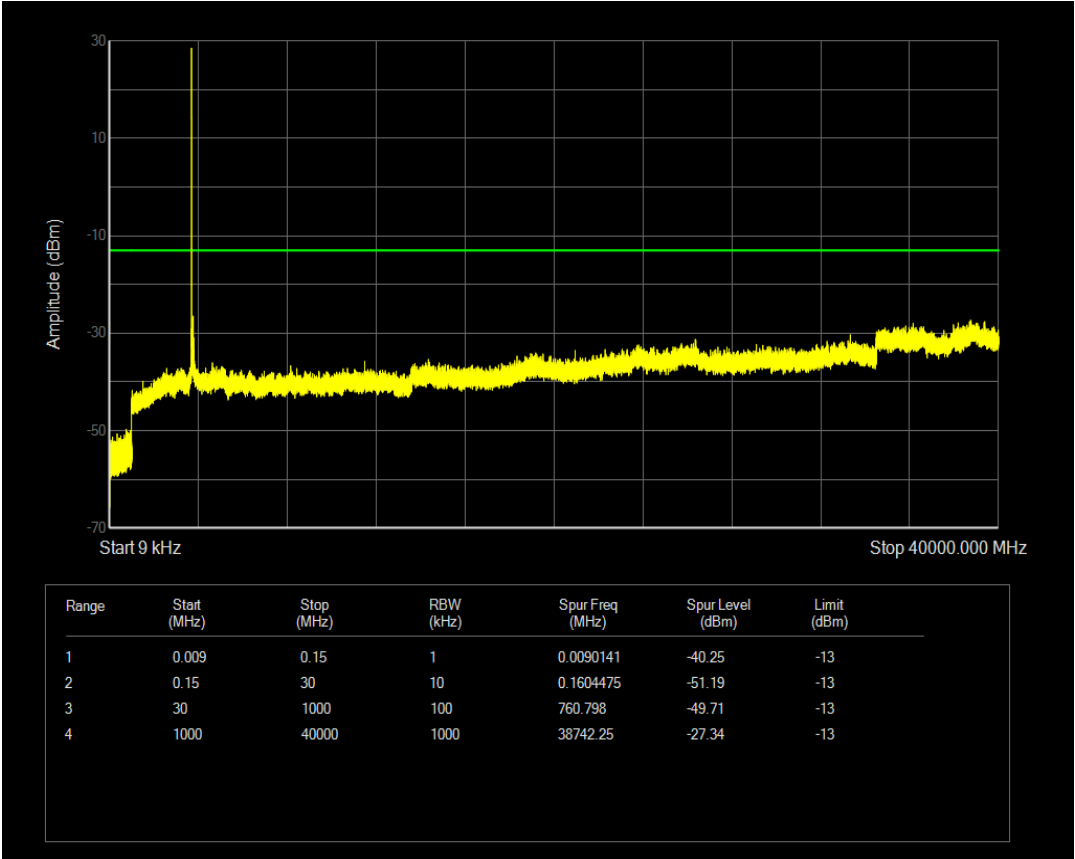
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@132*



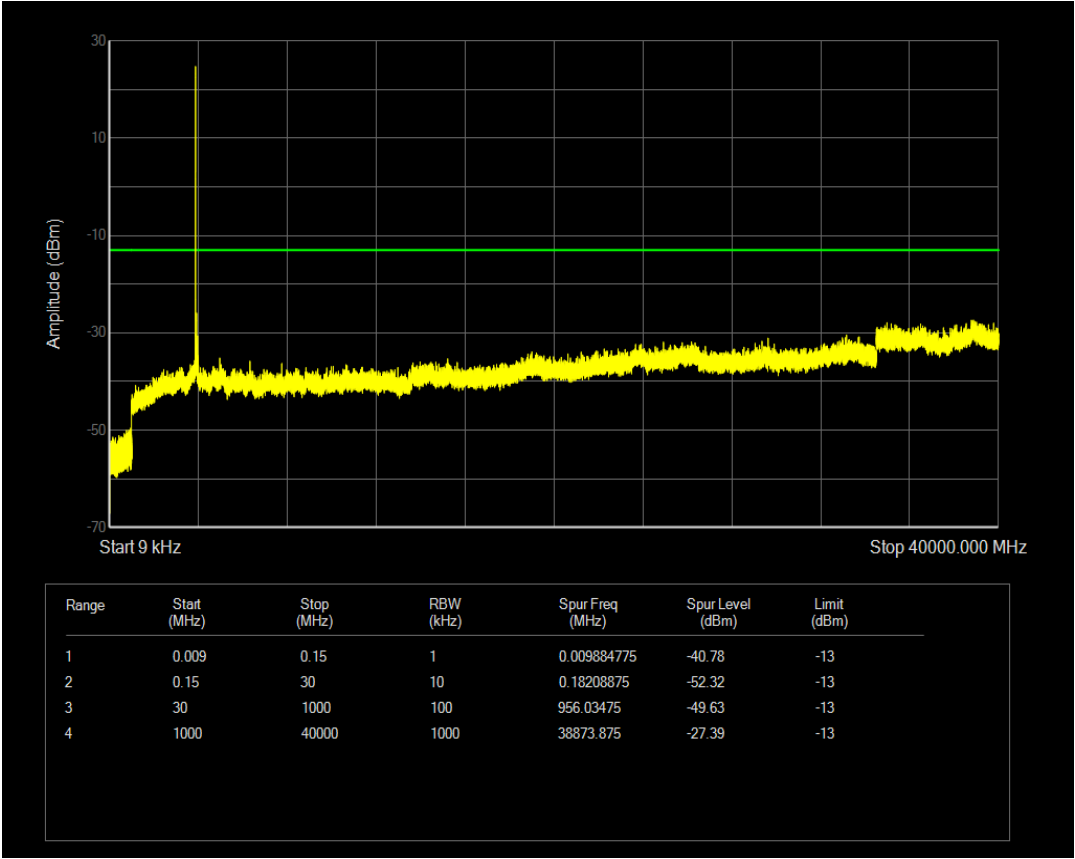
## 6 Out-of-band emissions for NR FR1

| <i>Band</i>    | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| n77(3700-3980) | 30                   | 10                         | 647000                | 24@0                     | CP_QPSK           | 39137.13                       | -26.46                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 38808.55                       | -26.05                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 38933.35                       | -26.38                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 39018.18                       | -26.92                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 38877.78                       | -27.09                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 38842.68                       | -27.52                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 38739.33                       | -27.07                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 38895.33                       | -26.81                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 38991.85                       | -27.02                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 38889.48                       | -27.36                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 38840.73                       | -26.98                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 38840.73                       | -27.05                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 39375.03                       | -27.34                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 38742.25                       | -27.34                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 38860.23                       | -26.66                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 38810.50                       | -26.78                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 38873.88                       | -27.39                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 38775.40                       | -27.26                          | -13                    | PASS           |

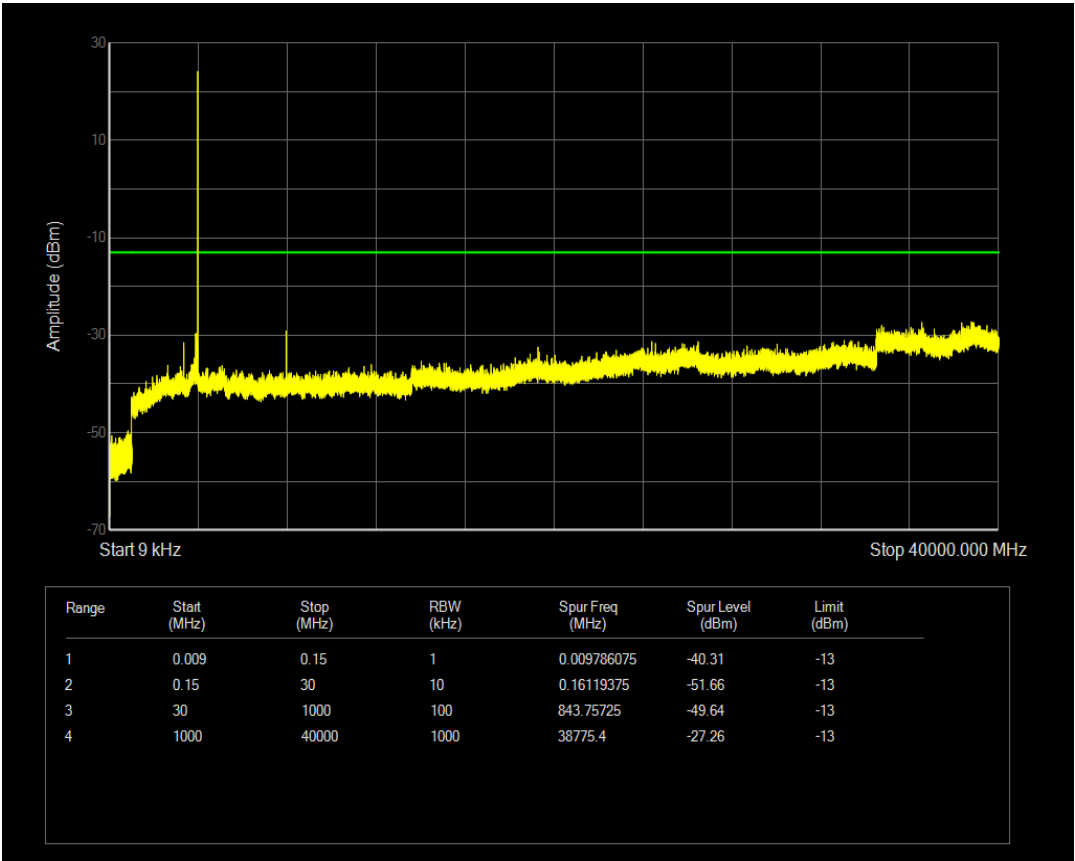
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0*



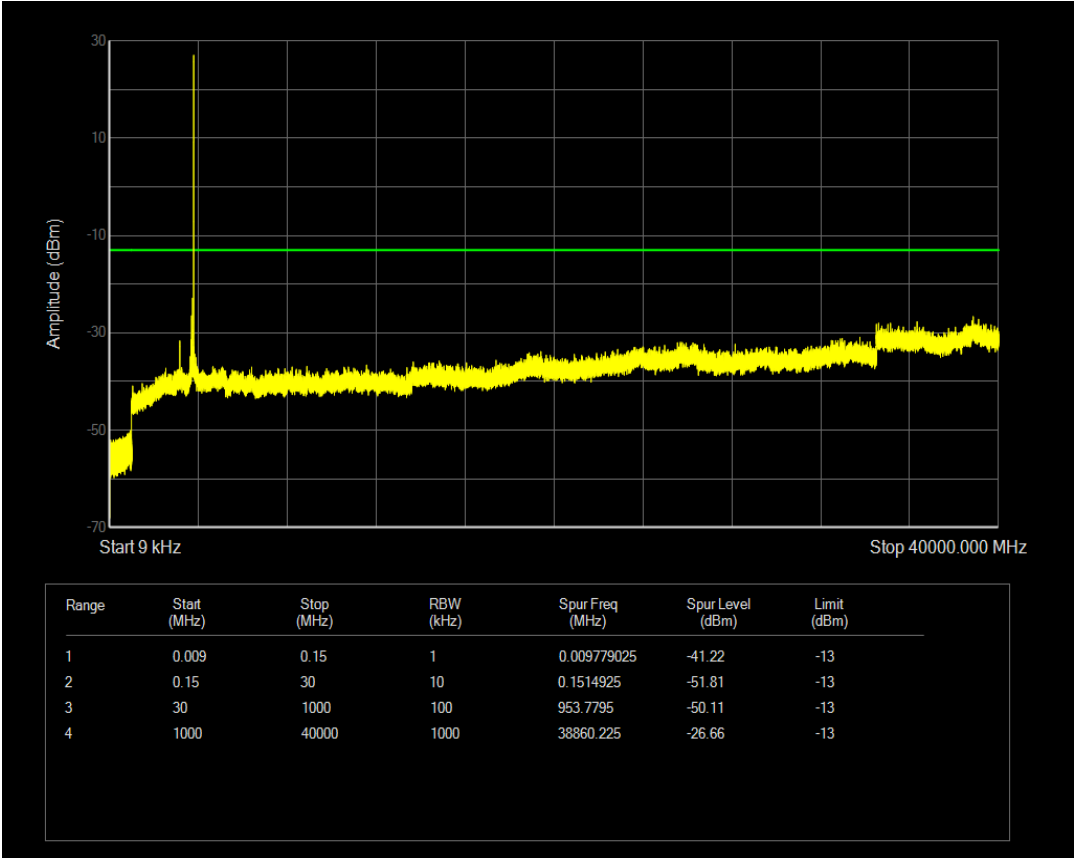
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0*



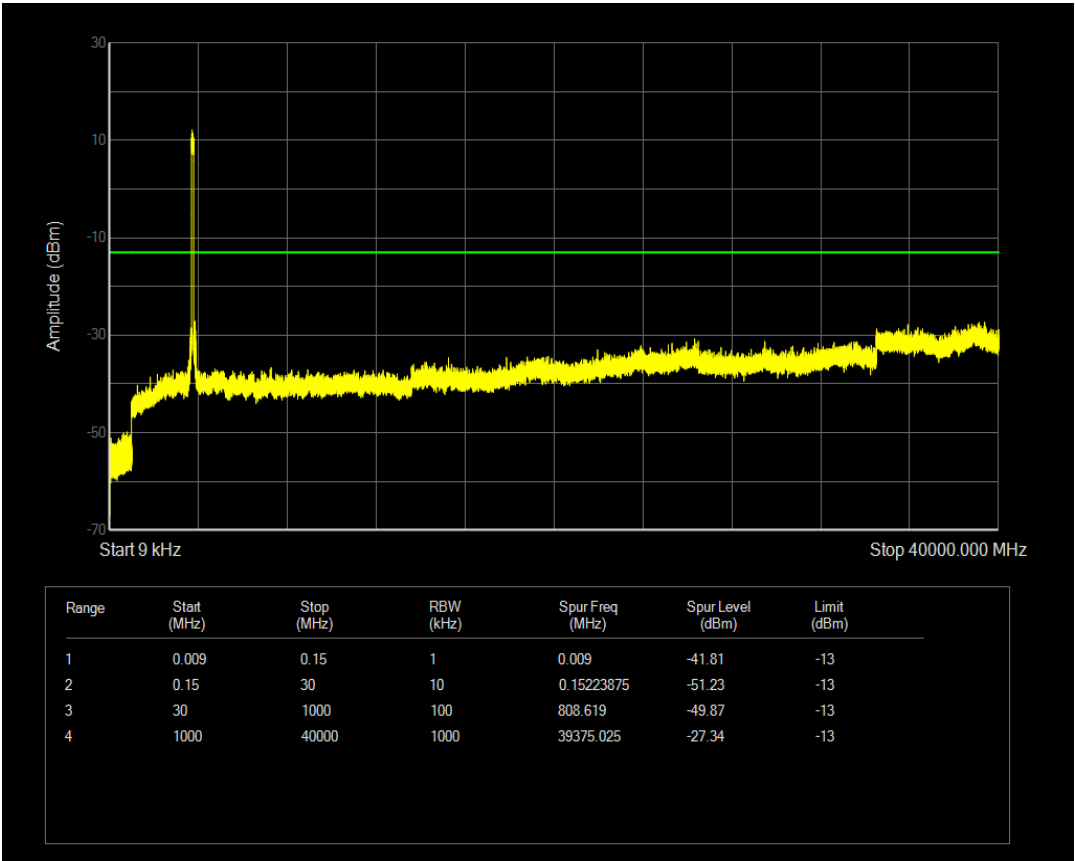
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



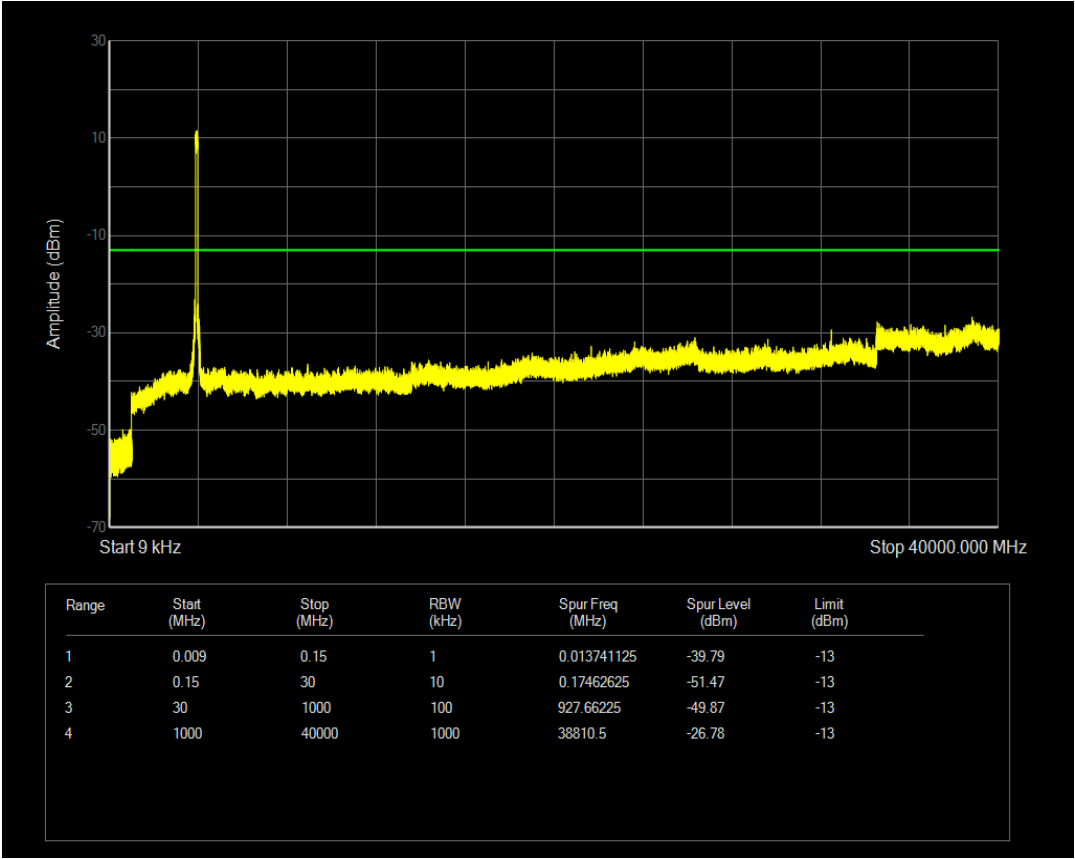
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272*



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

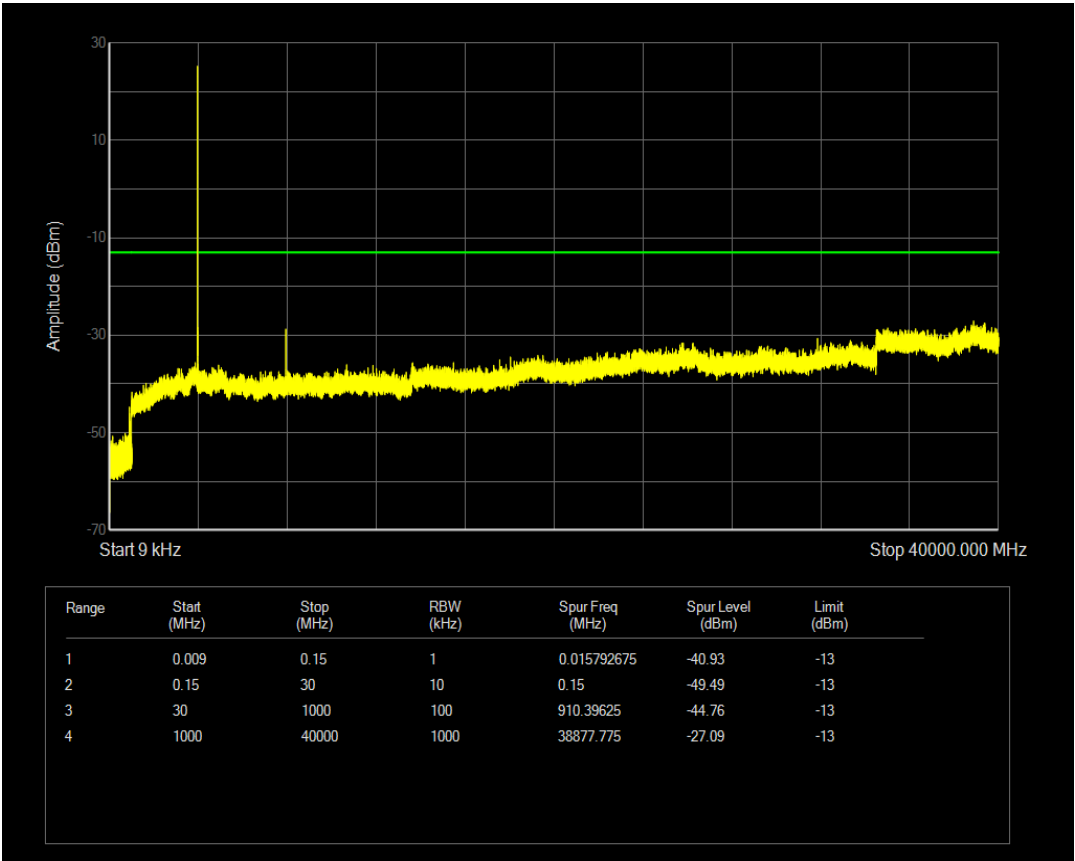


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*

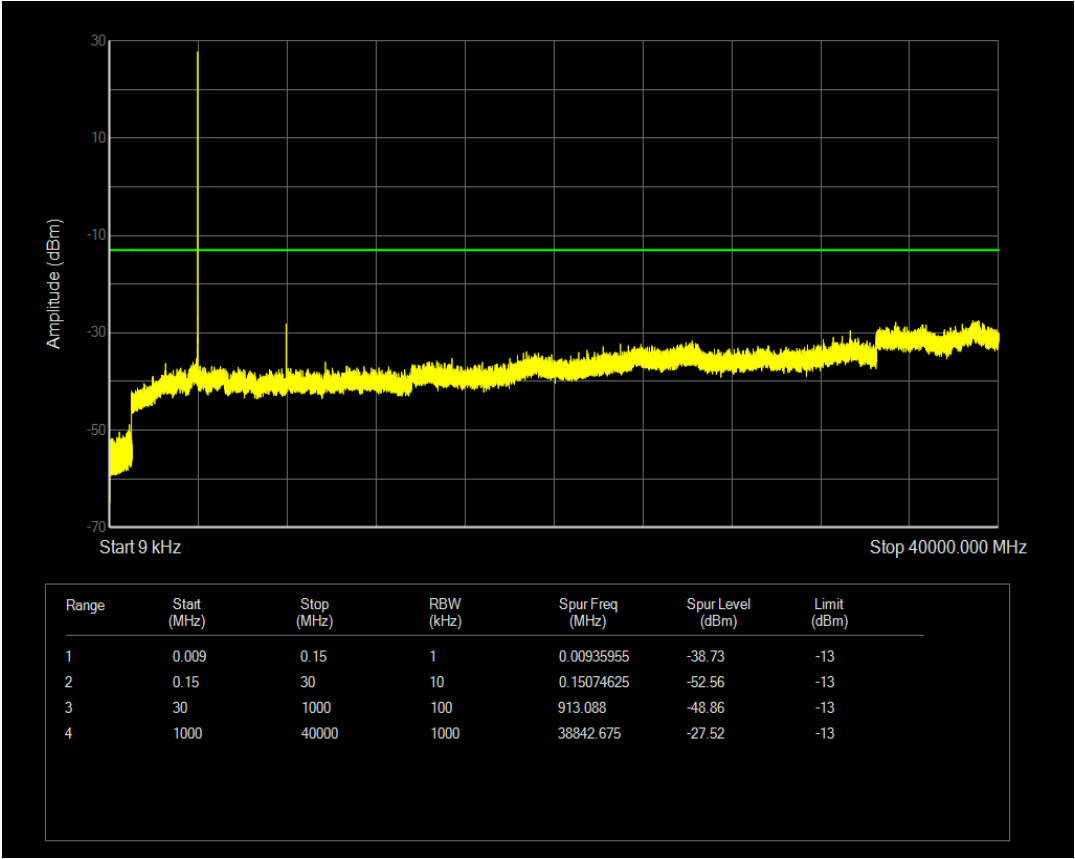


*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*

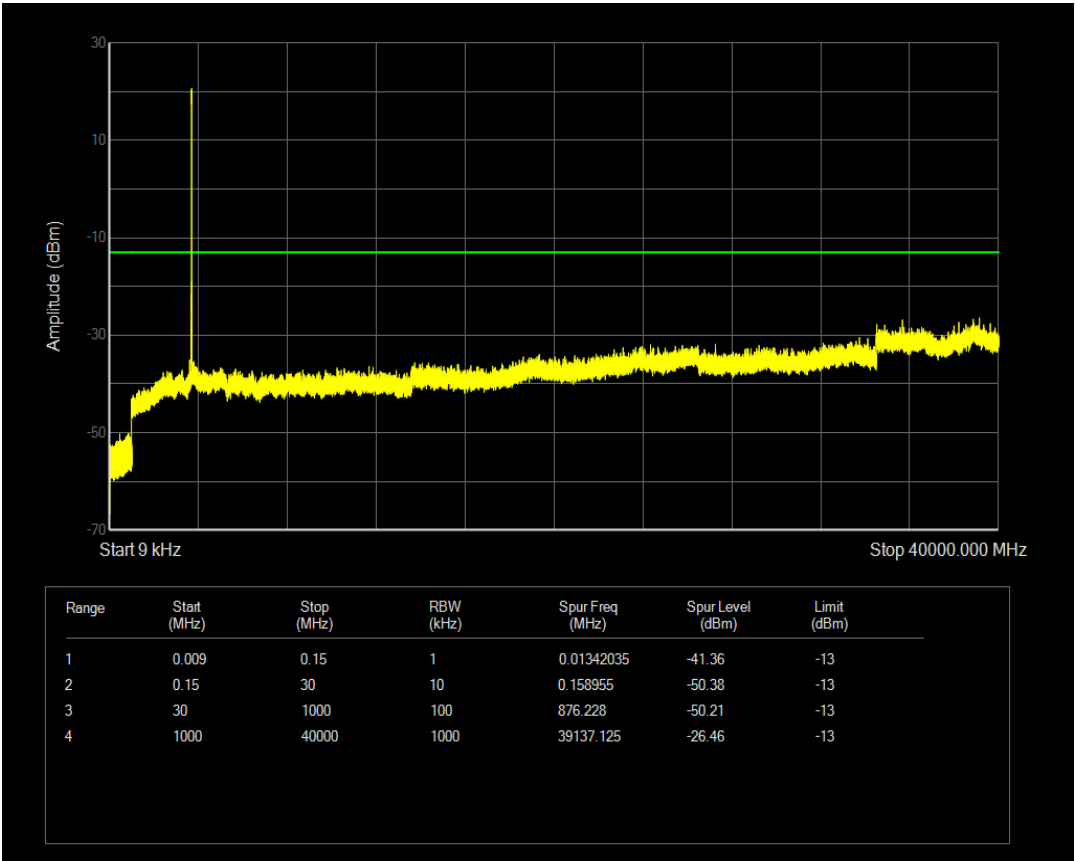




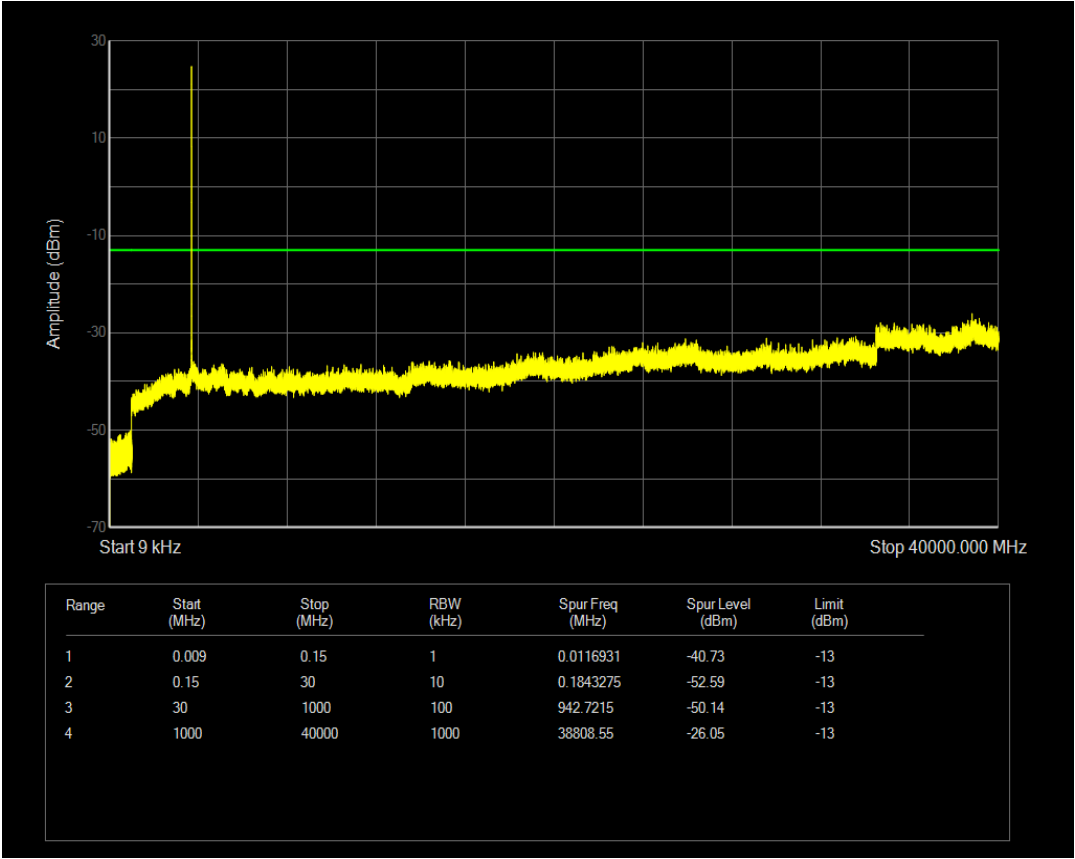
n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23



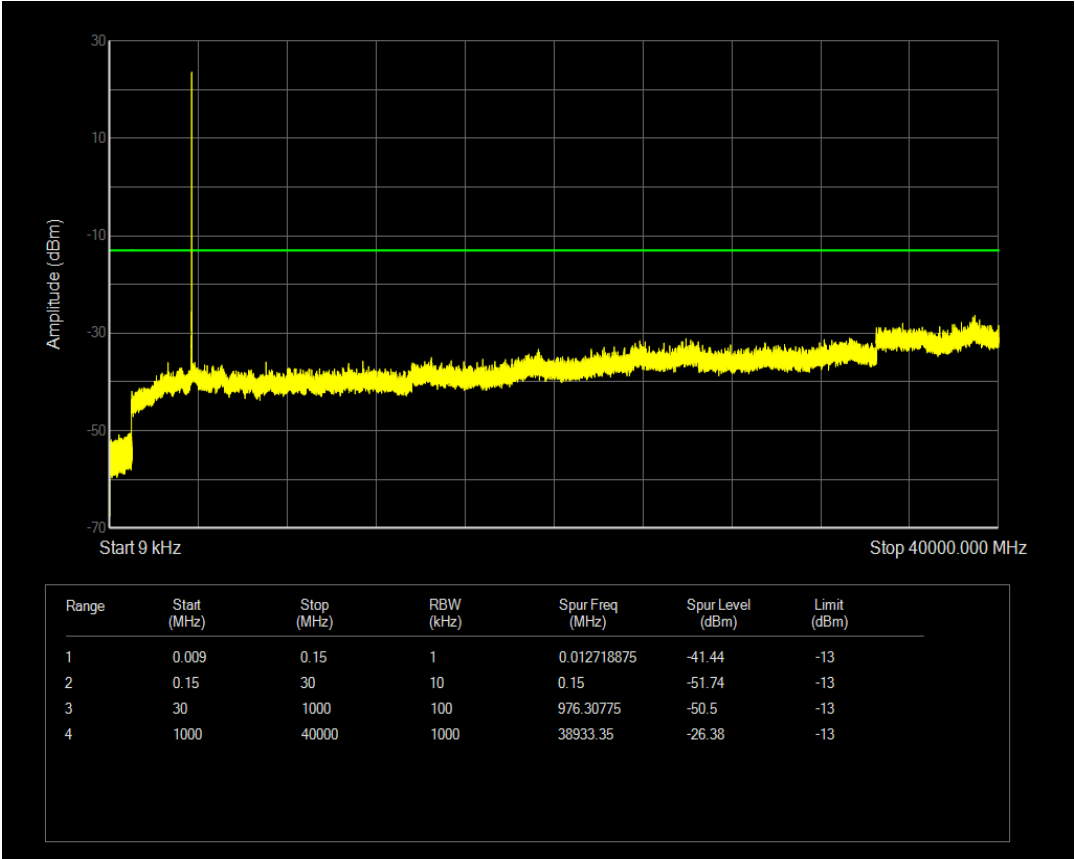
n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0



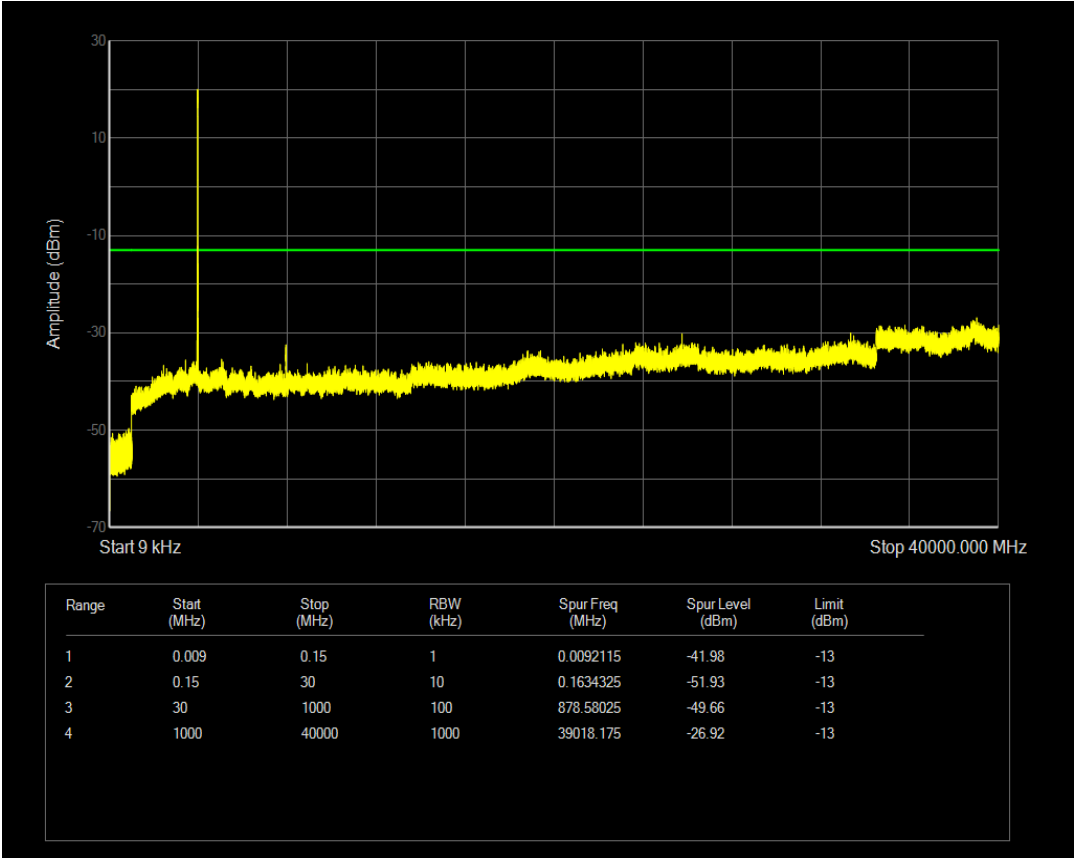
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



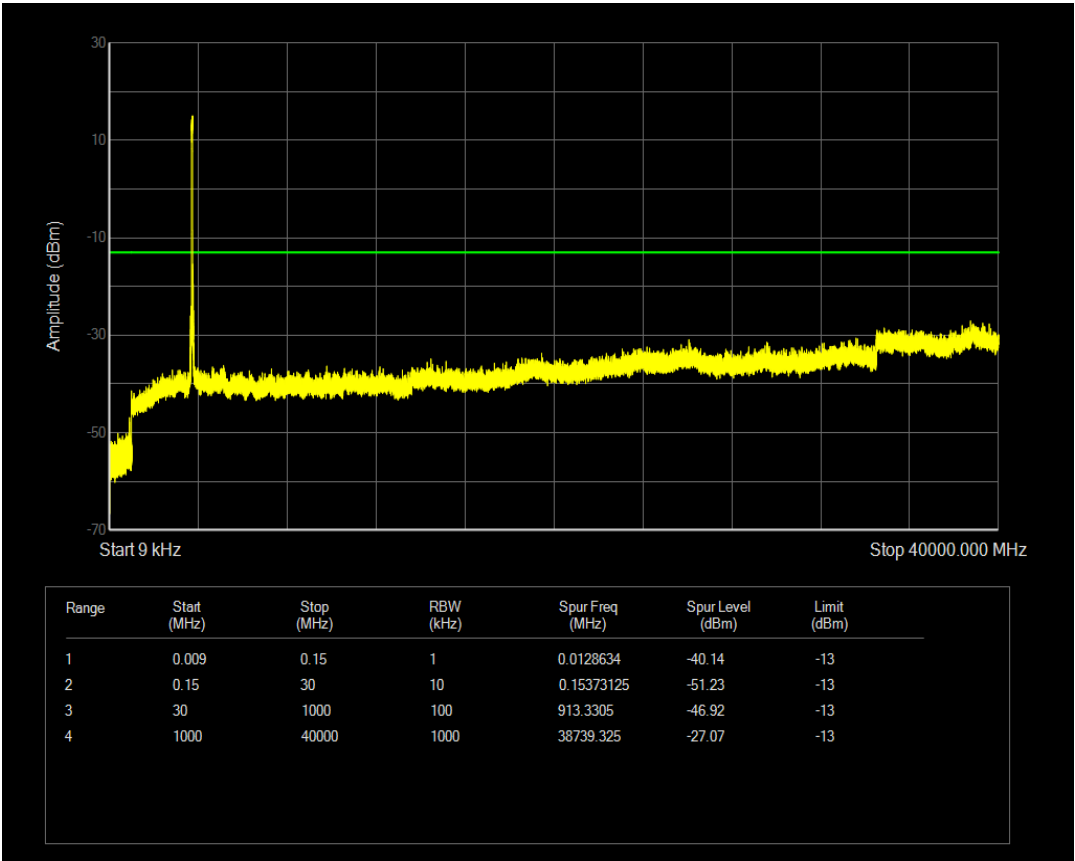
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*



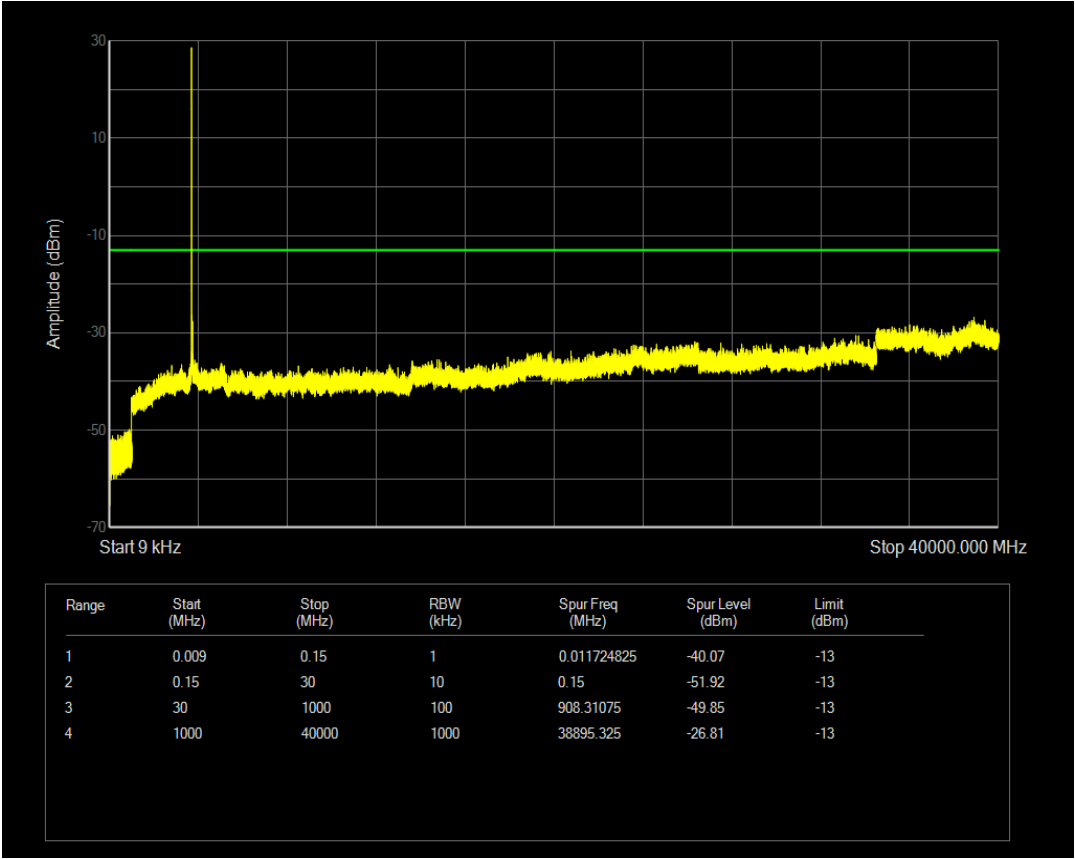
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0*



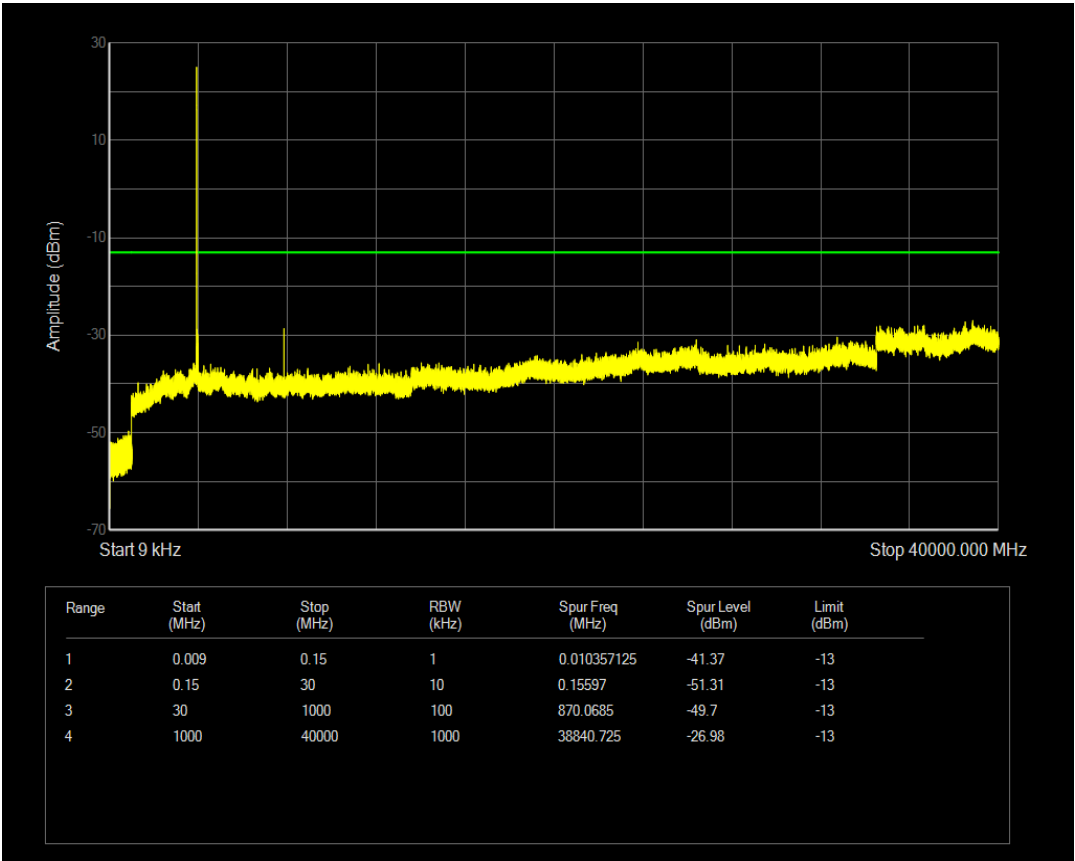
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*



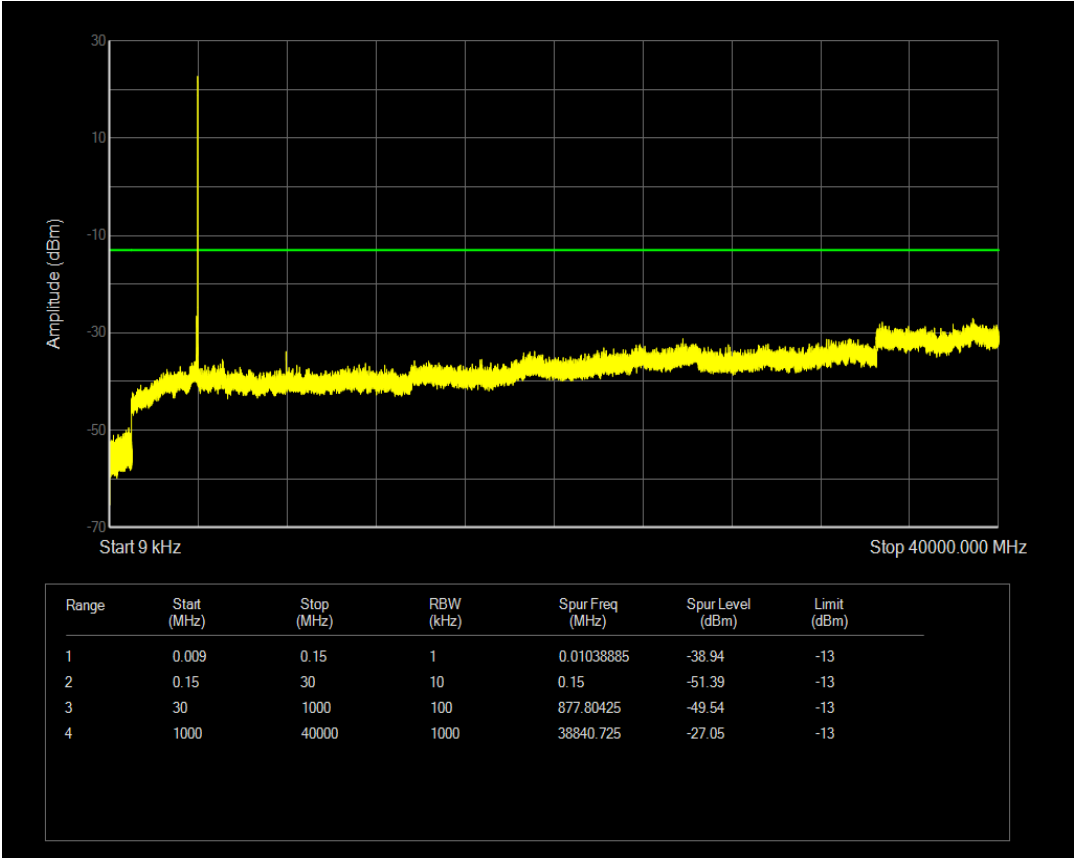
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@0*



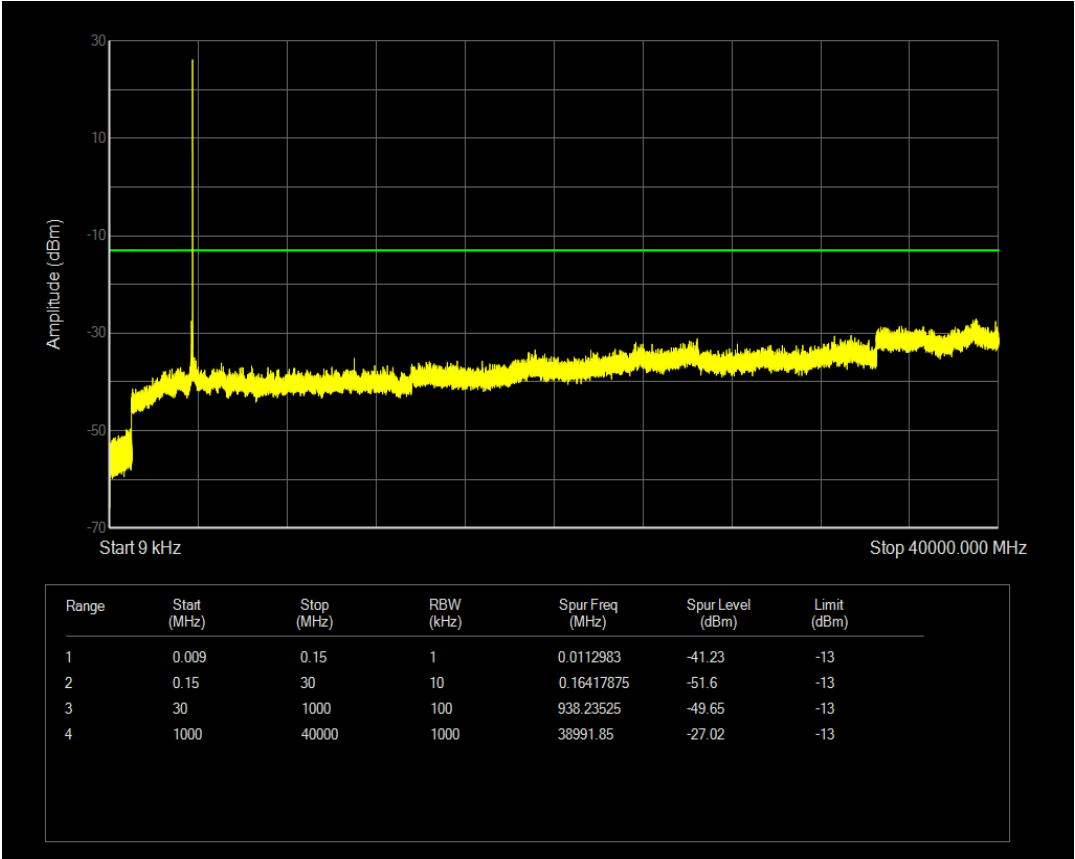
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0*



*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

