



*n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0*



*n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=656000 RB=36@0*



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=656000 RB=24@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=50MHz Channel=656000 RB=128@0*



*n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=100@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=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=90MHz Channel=656000 RB=240@0*



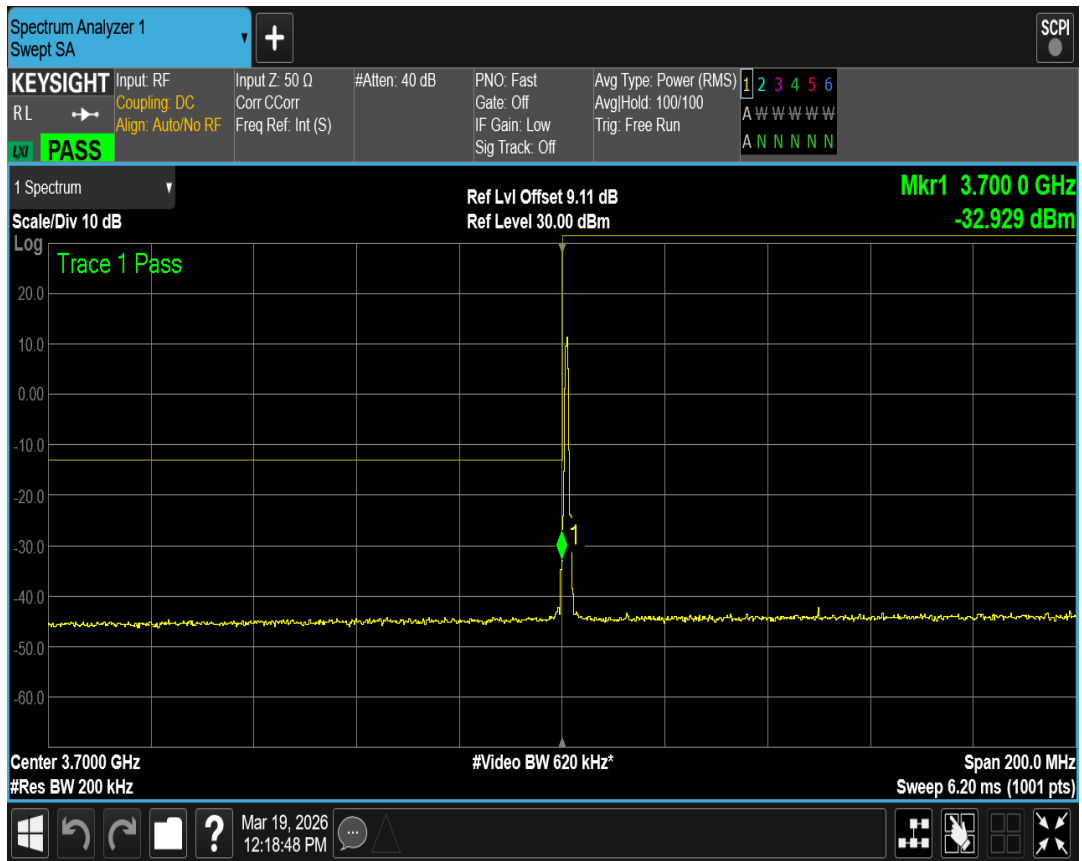
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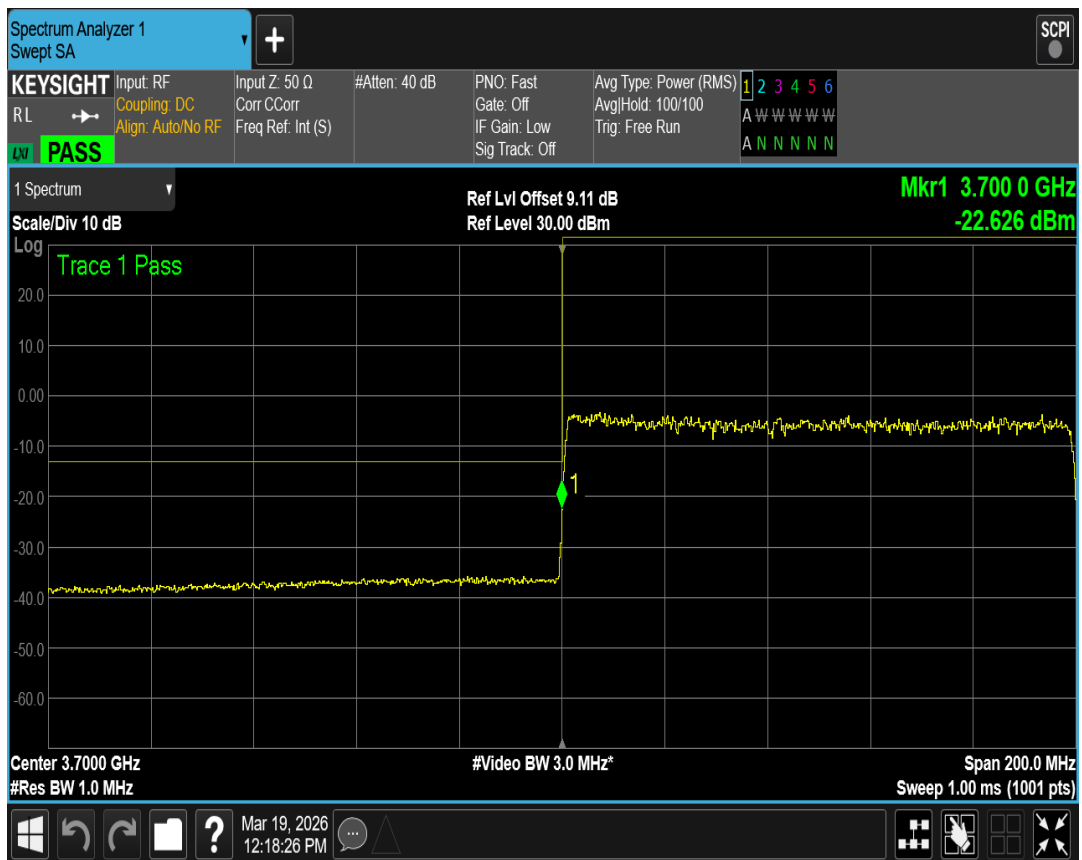
## 5 Band edge for NR FR1

| <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           | 3699.64                        | -43.90                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 3700.00                        | -33.39                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 3692.48                        | -43.33                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 3980.08                        | -36.00                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 3985.74                        | -44.25                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 3980.00                        | -33.07                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 3697.90                        | -38.13                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 3700.00                        | -42.83                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 3697.20                        | -43.78                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 3982.10                        | -33.36                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 3987.30                        | -44.56                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 3980.00                        | -38.52                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 3700.00                        | -22.62                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 3700.00                        | -32.92                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 3682.00                        | -43.79                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 3980.00                        | -22.80                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 3980.80                        | -44.64                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 3980.00                        | -37.89                          | -13                    | PASS           |

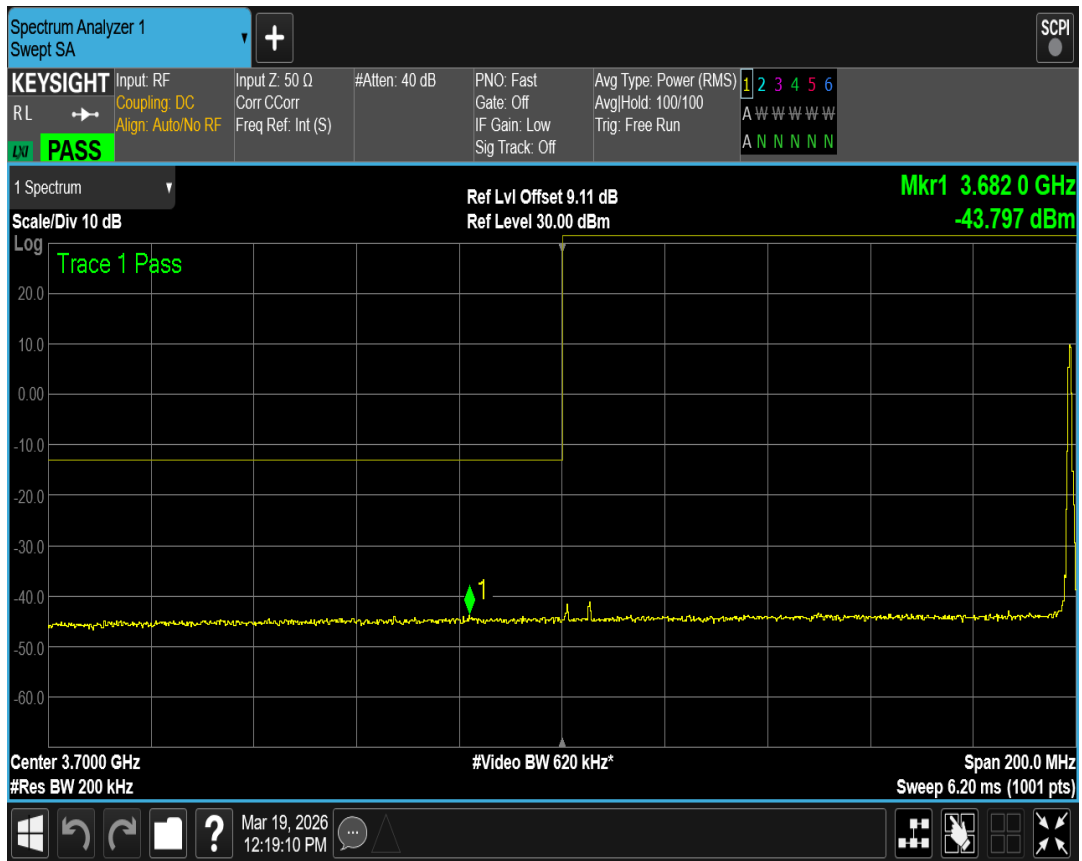
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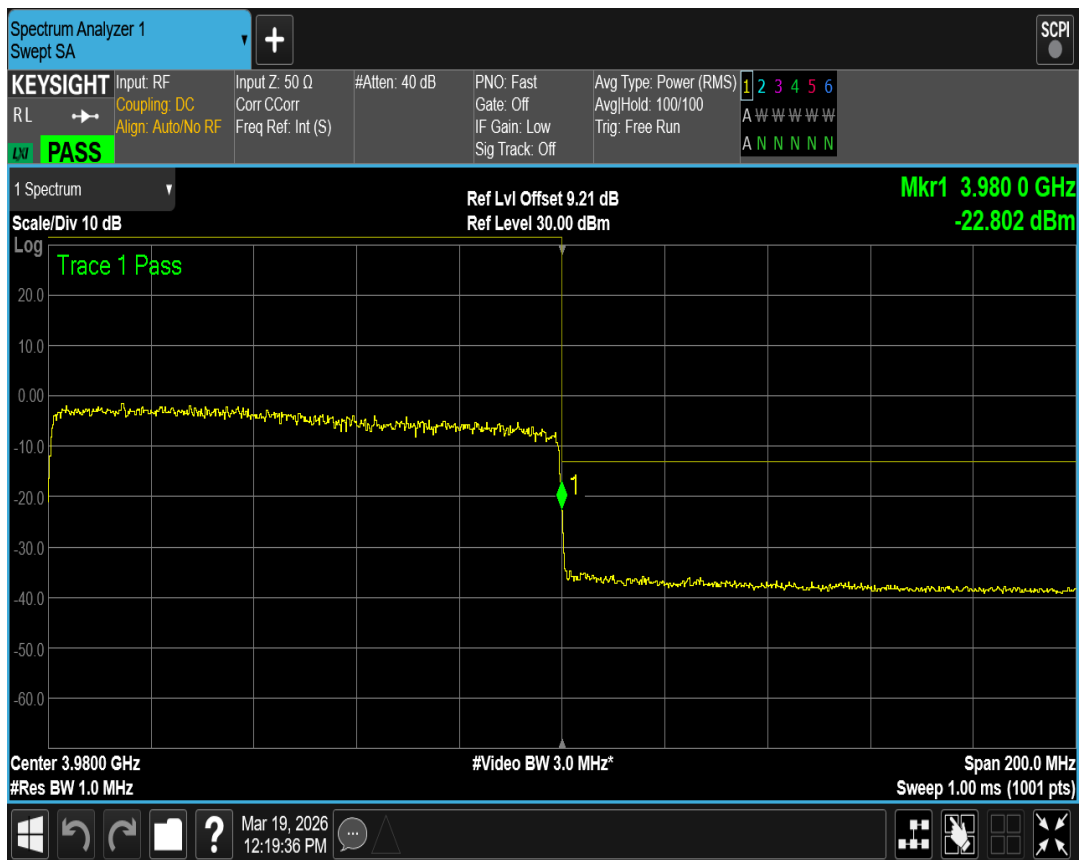
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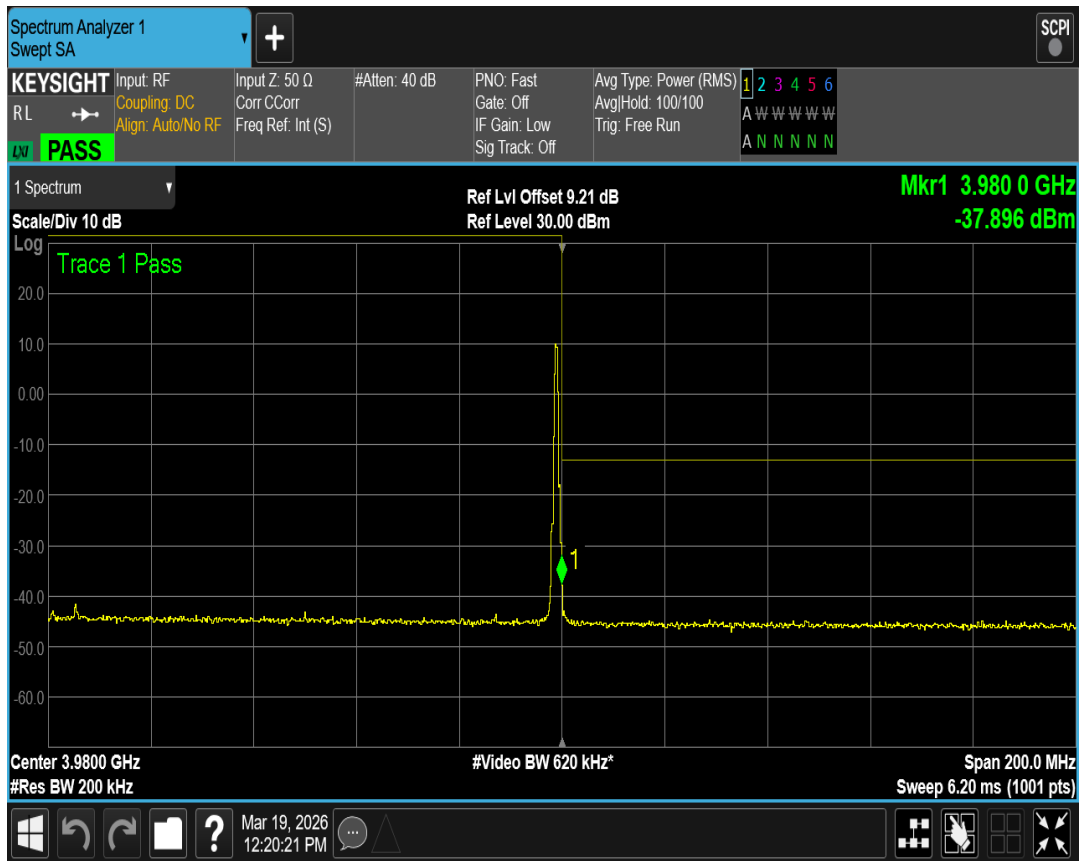
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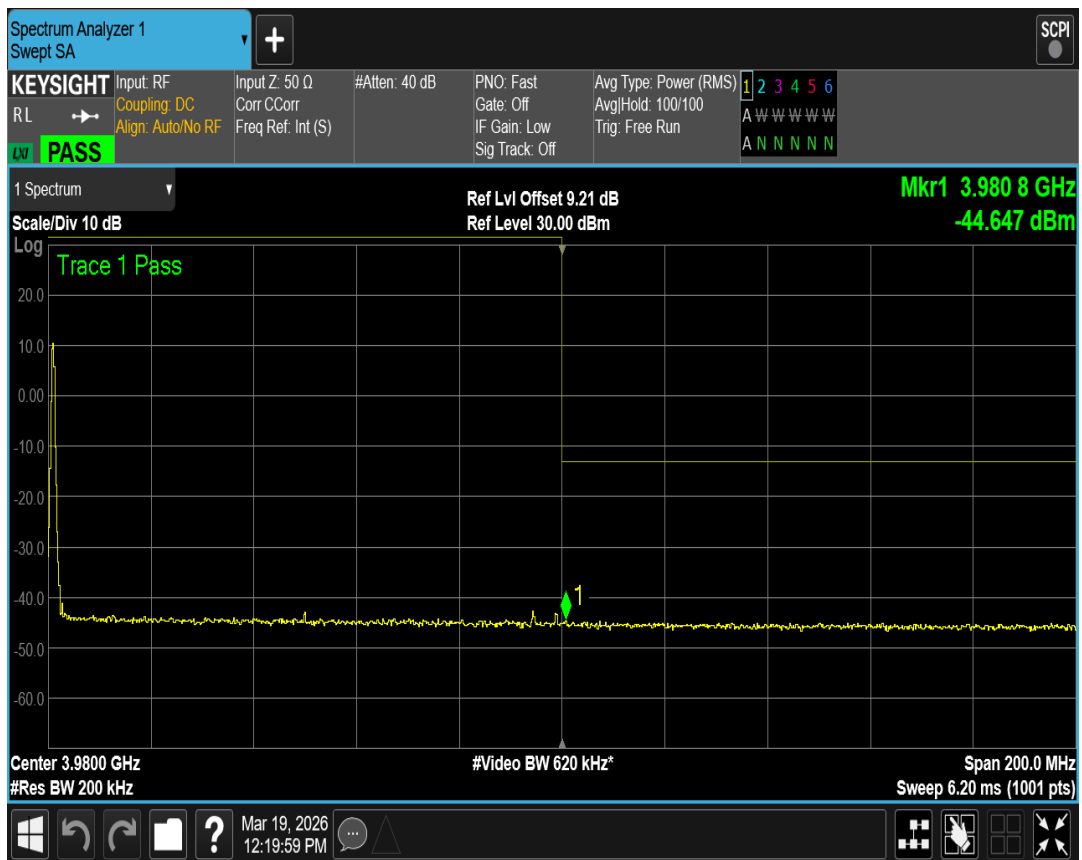
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



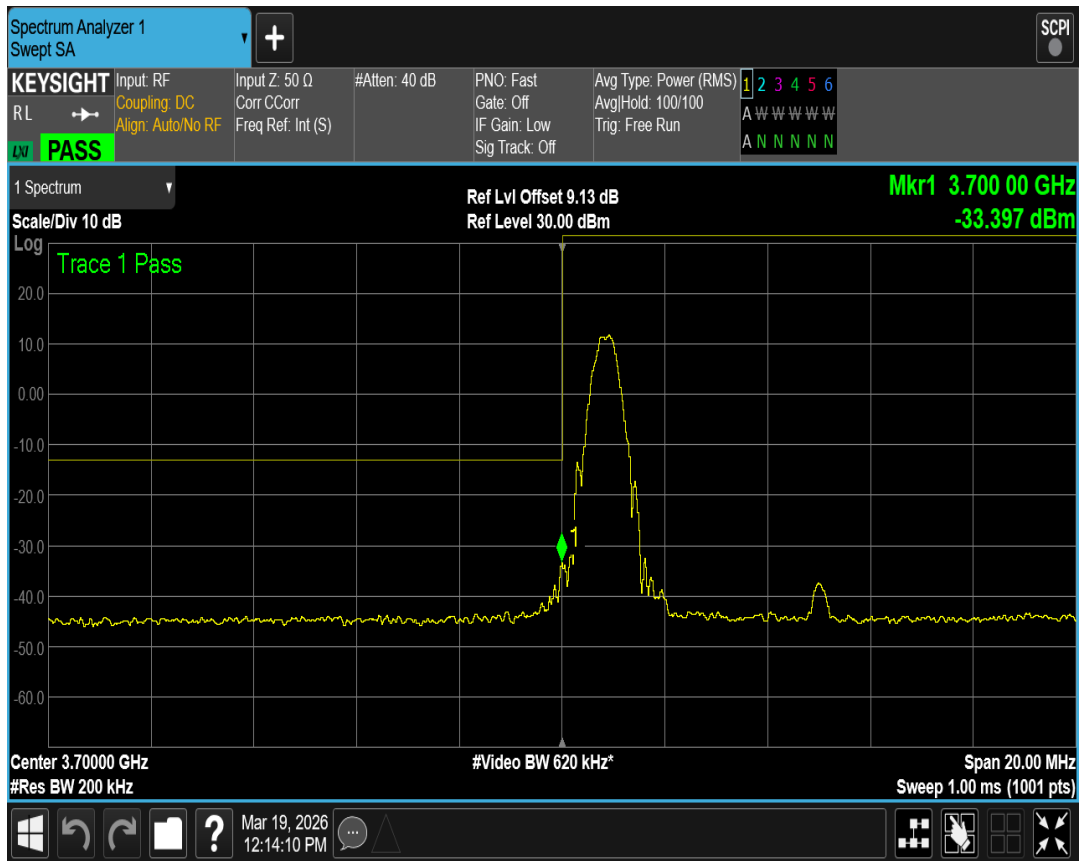
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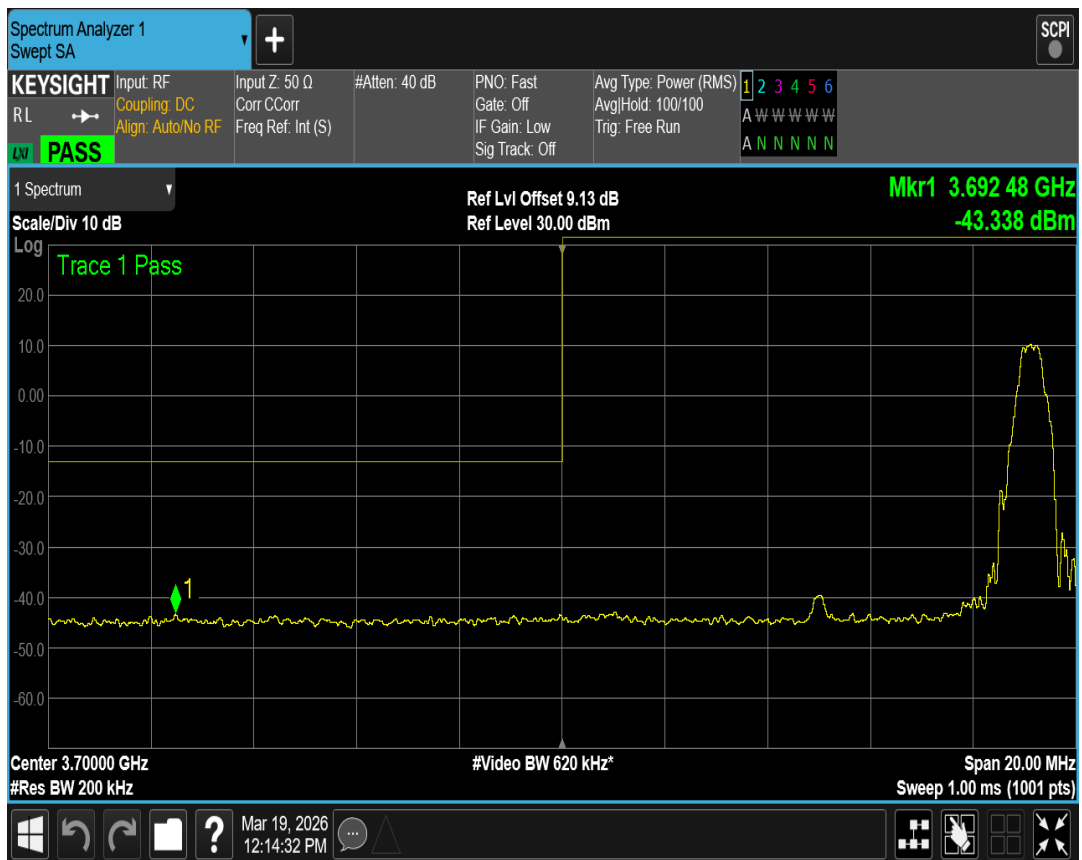
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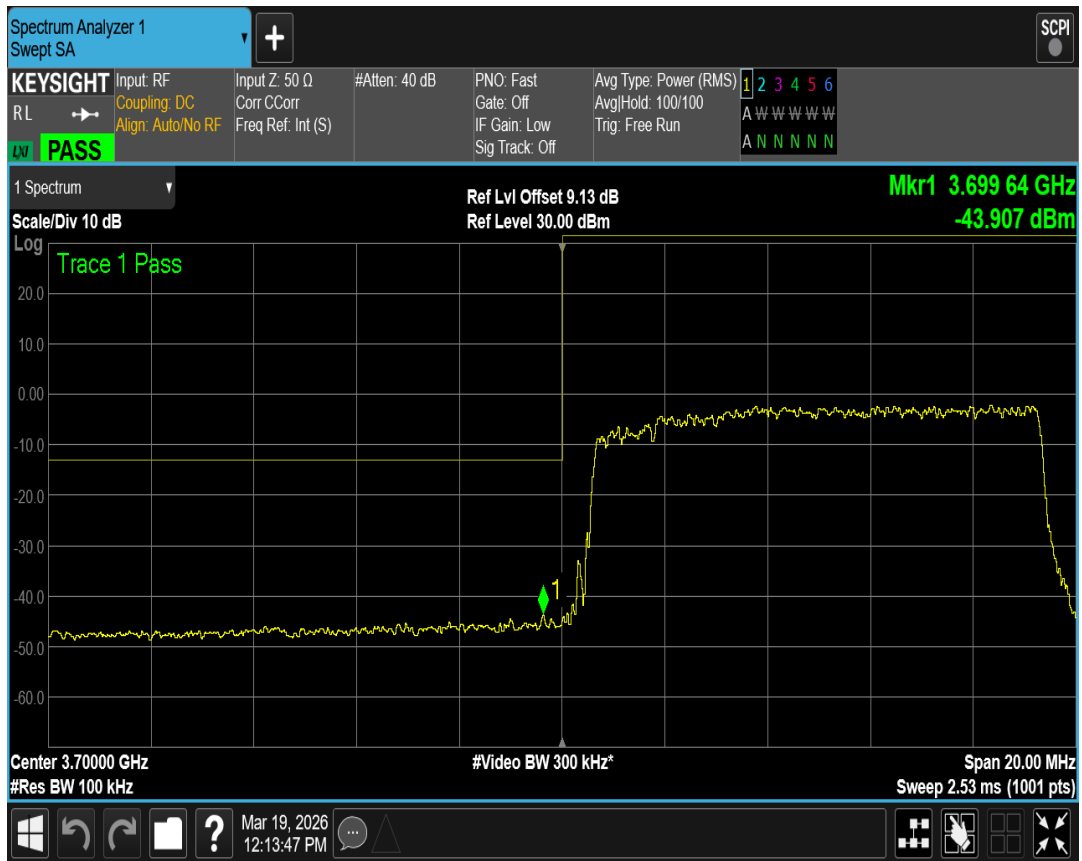
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



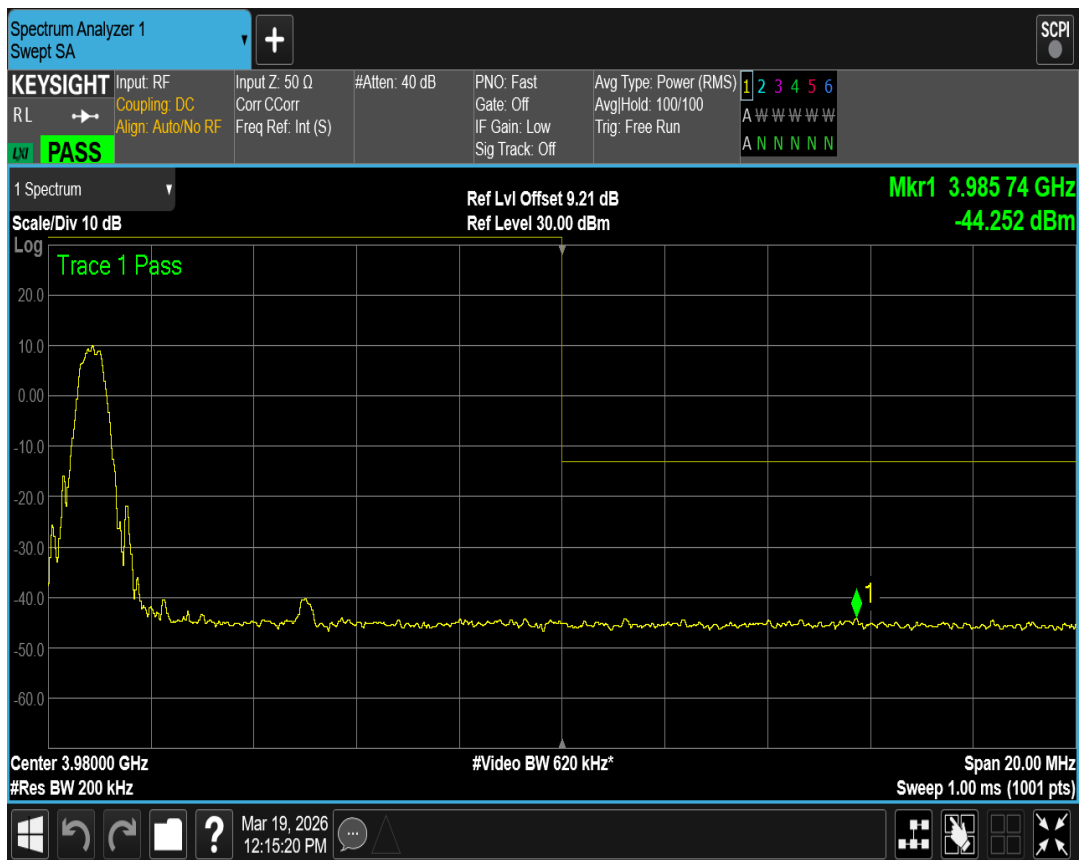
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*



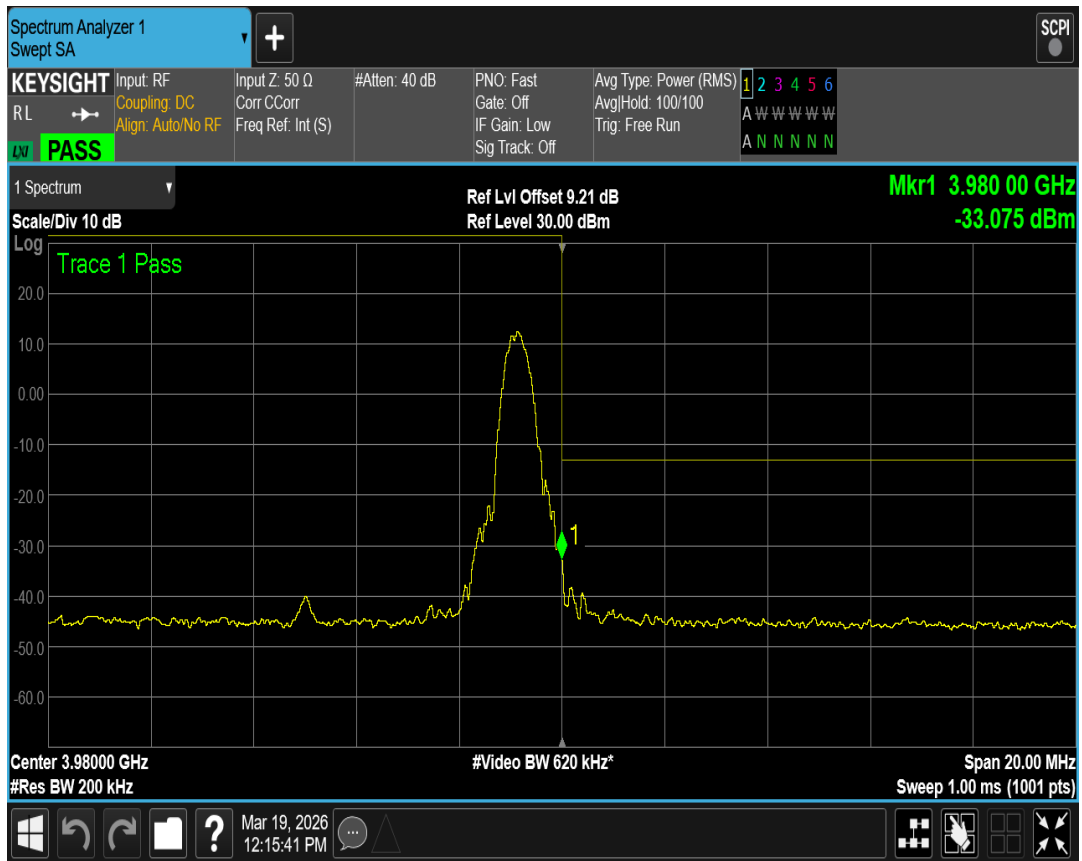
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*



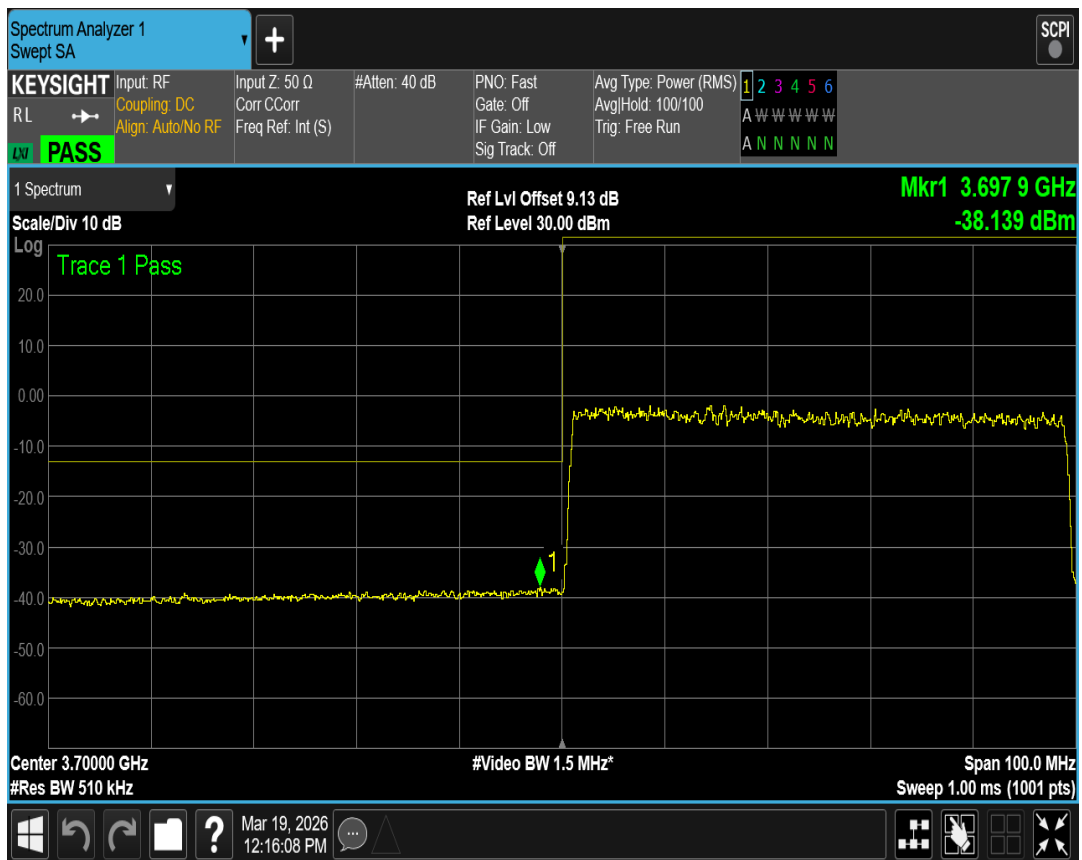
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*



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



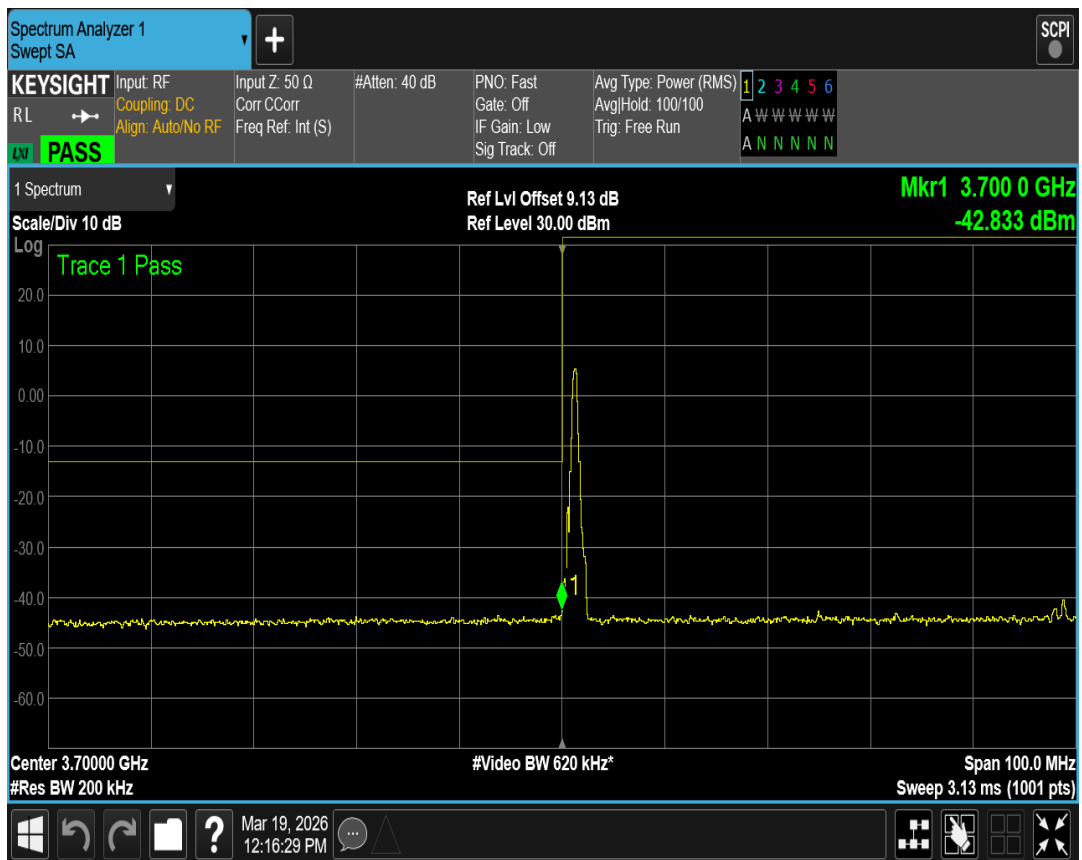
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*



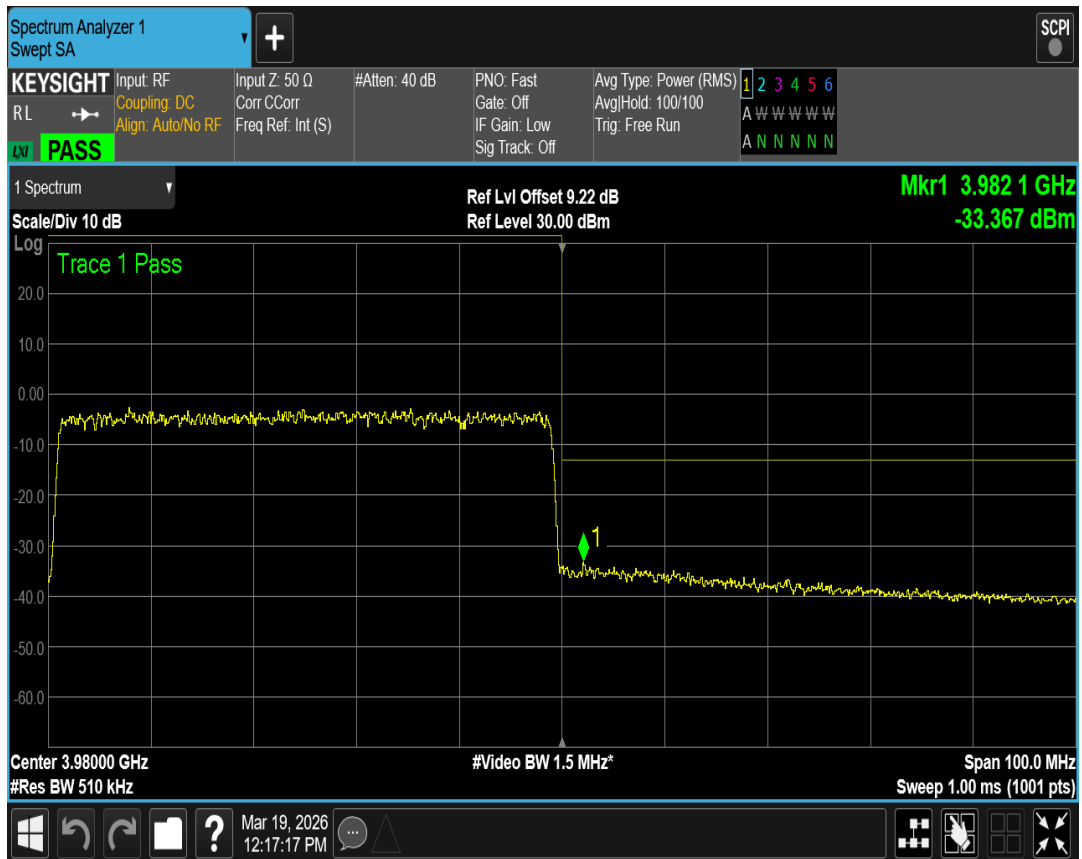
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0*



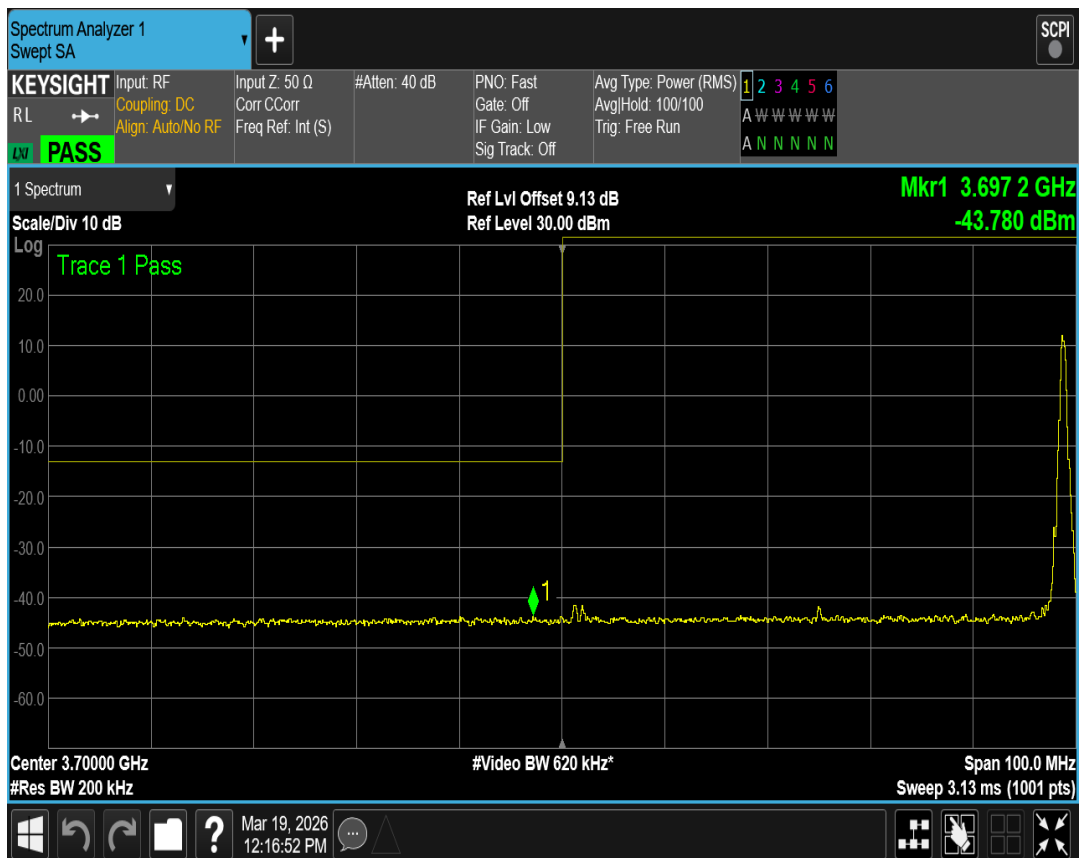
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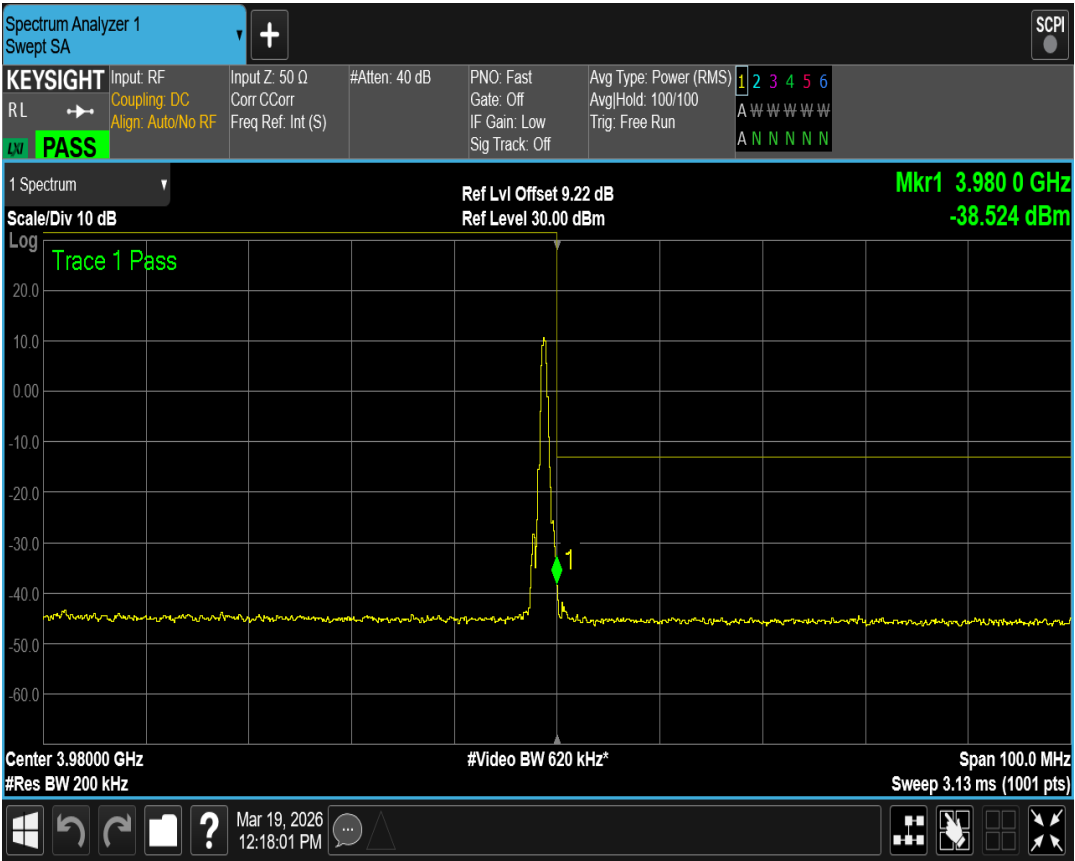
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=133@0*



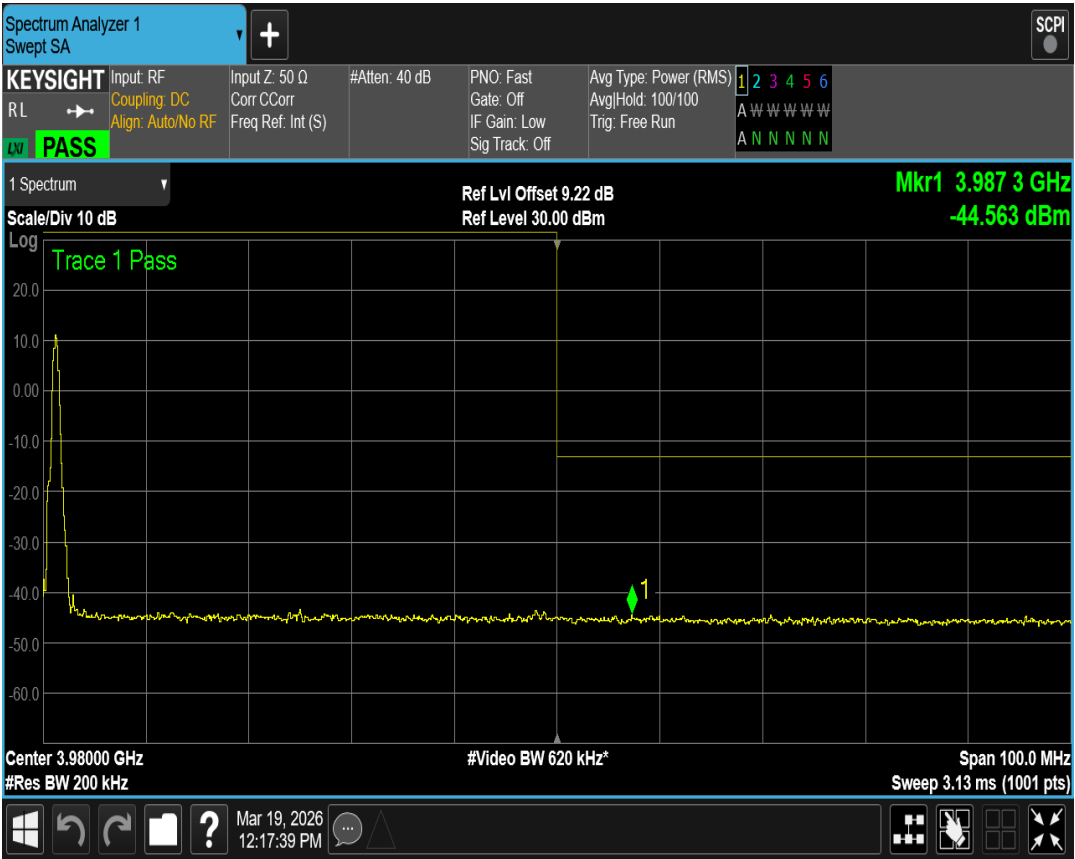
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@132*



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



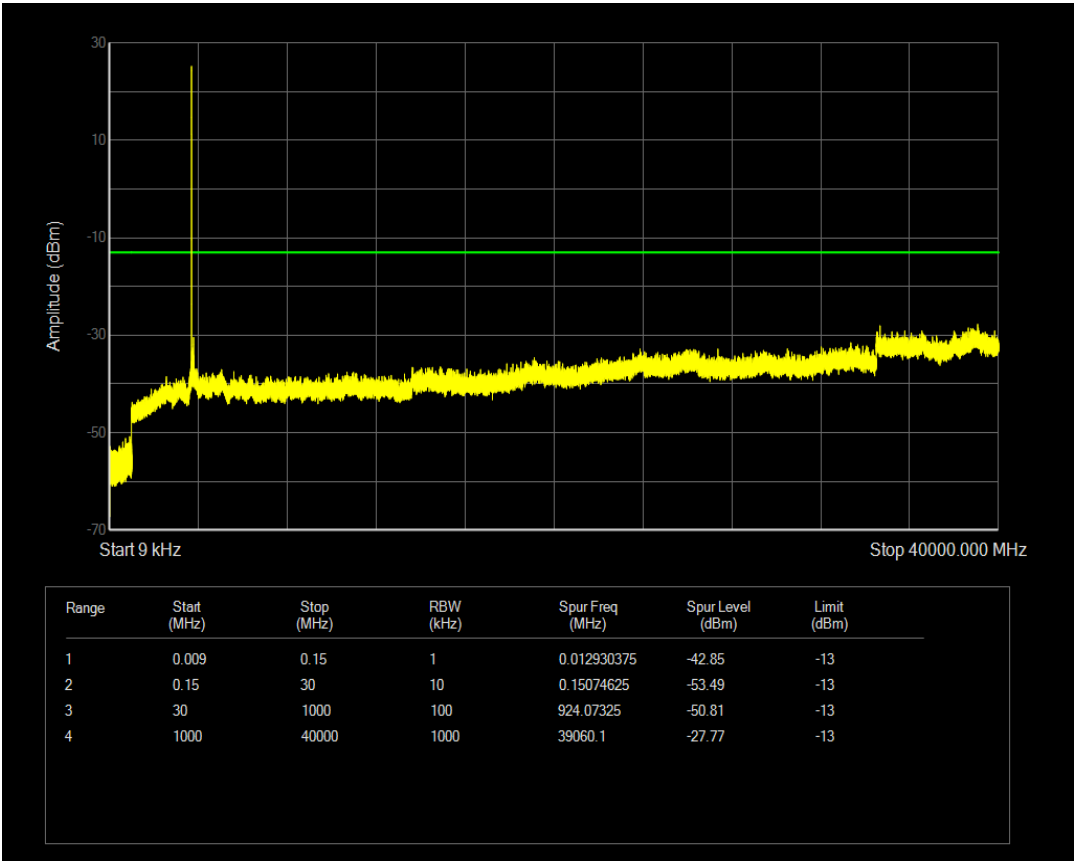
n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0



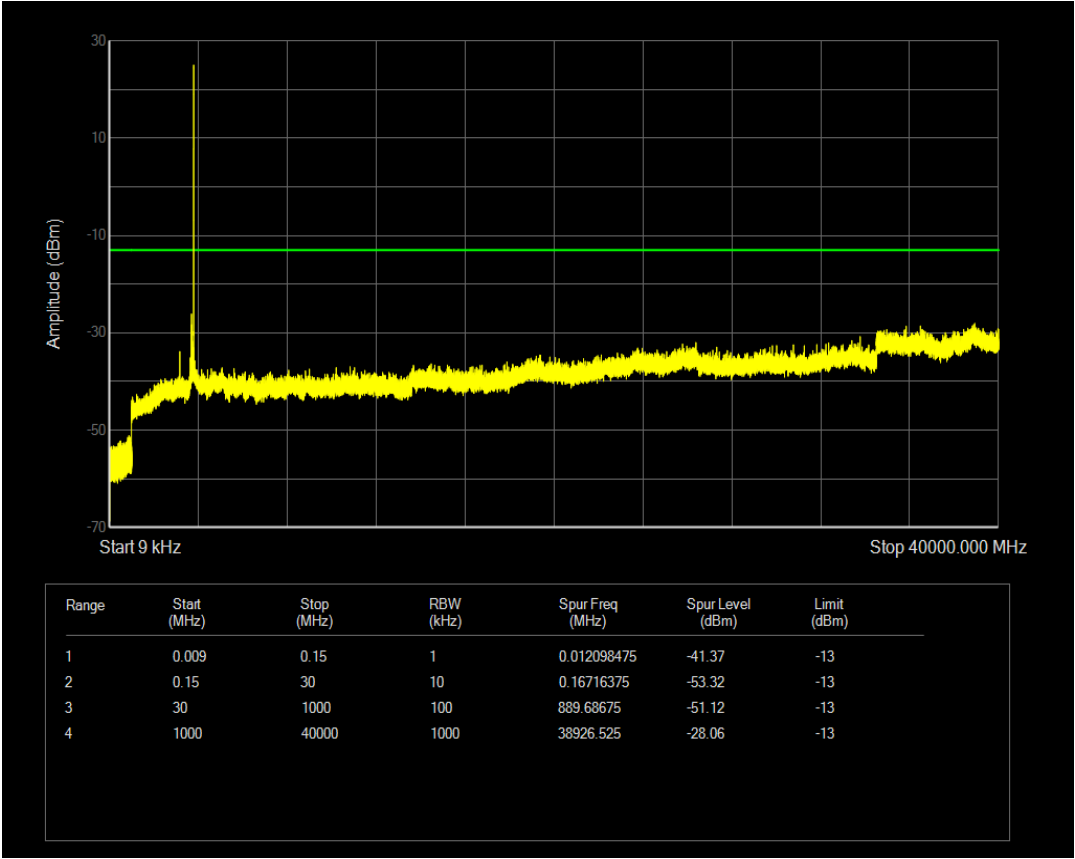
## 6 Out-of-band emissions for NR FR1

| <i>Band</i>    | <i>SCS<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           | 39096.18                       | -28.07                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 39116.65                       | -28.15                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 38841.70                       | -27.72                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 38855.35                       | -27.87                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 38835.85                       | -28.18                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 39054.25                       | -27.69                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 38919.70                       | -27.94                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 39047.43                       | -28.34                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 38615.50                       | -28.48                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 38739.33                       | -27.07                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 38572.60                       | -27.90                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 39374.05                       | -27.29                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 39481.30                       | -28.35                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 39060.10                       | -27.77                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 38926.53                       | -28.06                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 38767.60                       | -27.95                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 38814.40                       | -28.42                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 38768.58                       | -28.07                          | -13                    | PASS           |

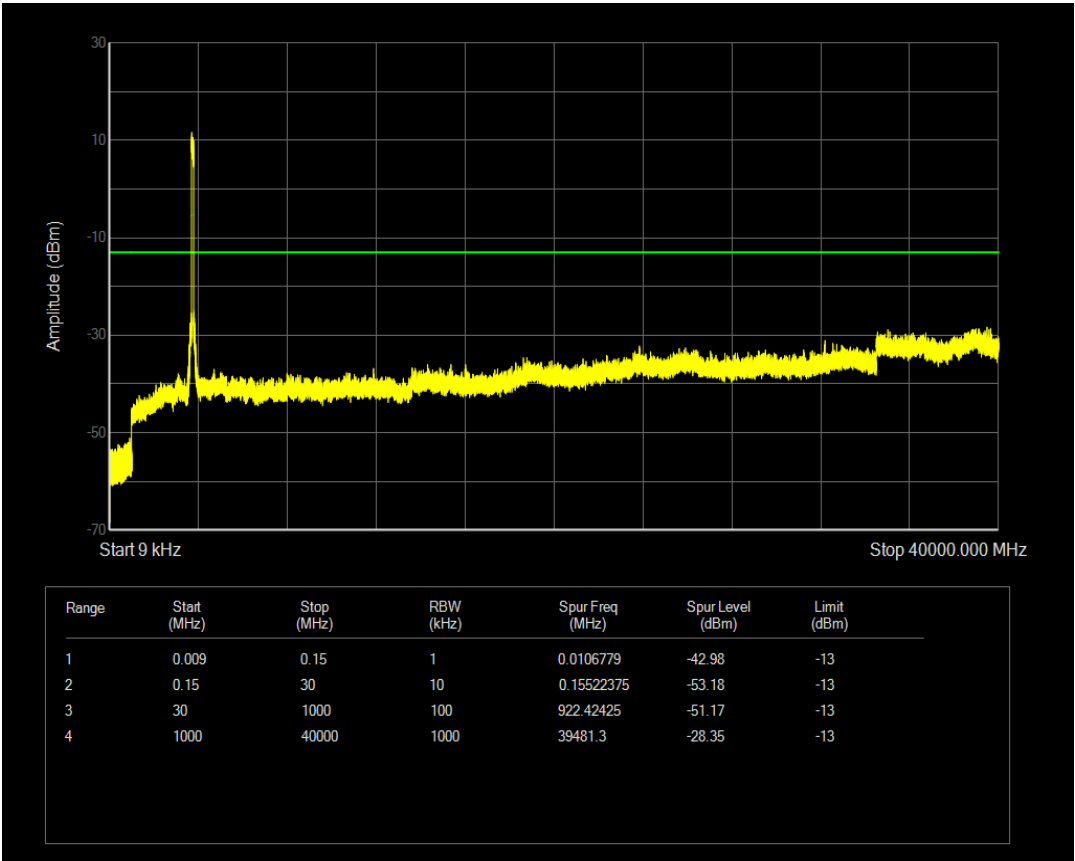
***n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0***



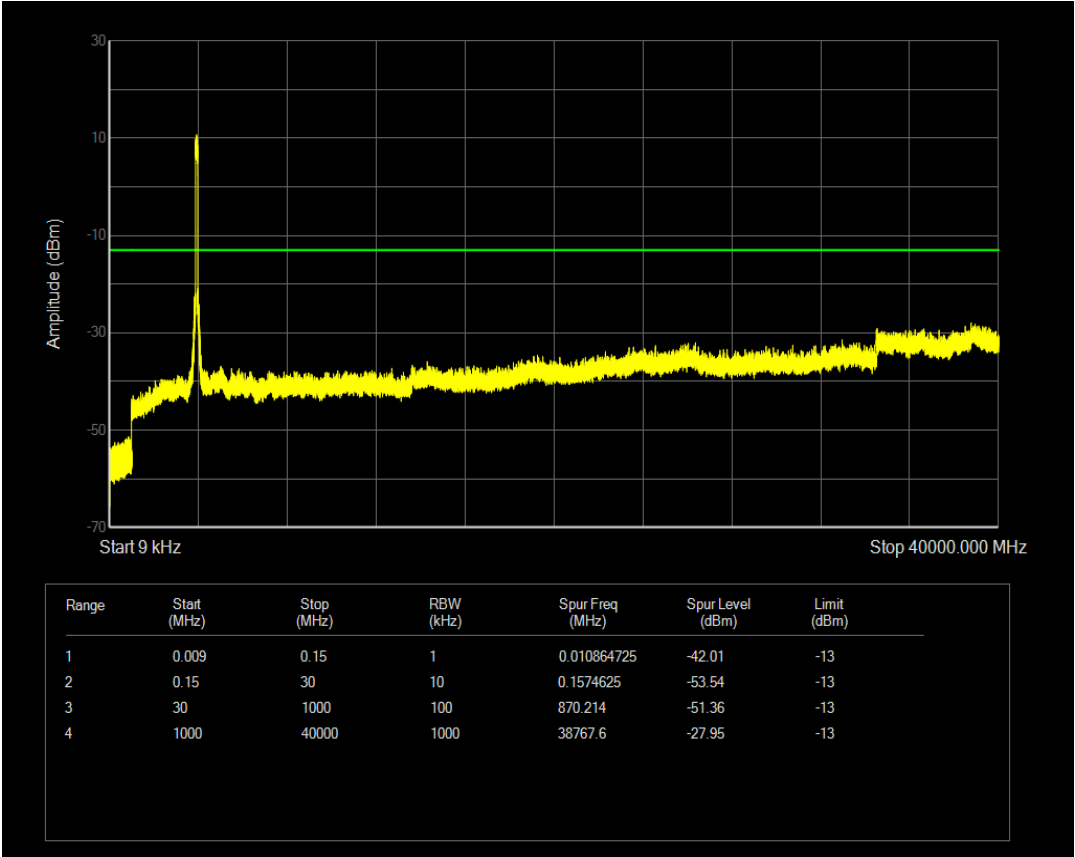
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272*



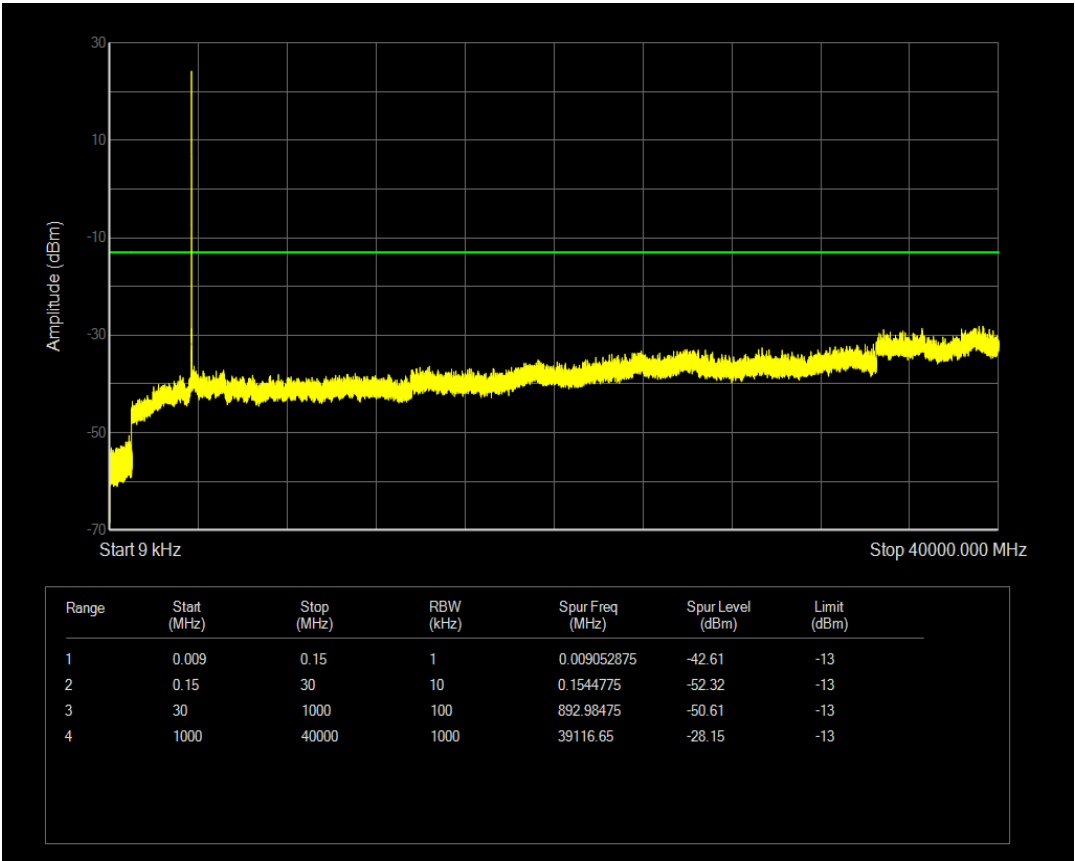
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0*



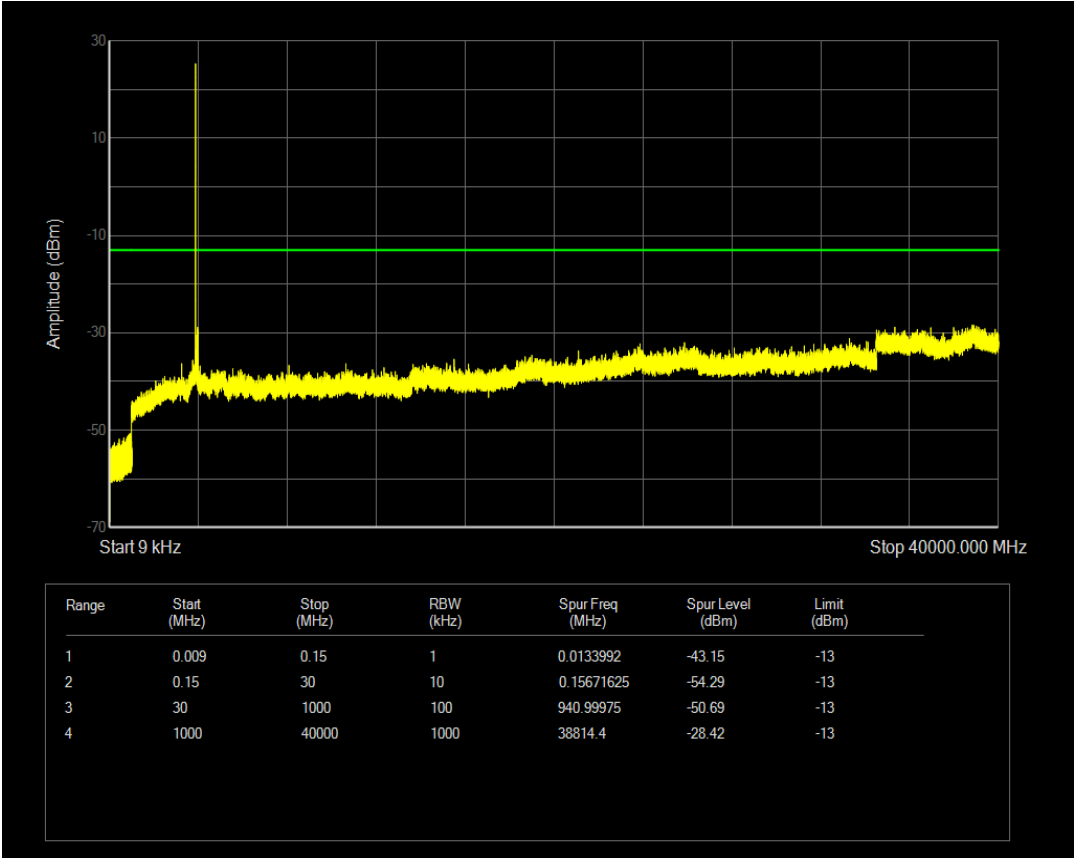
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



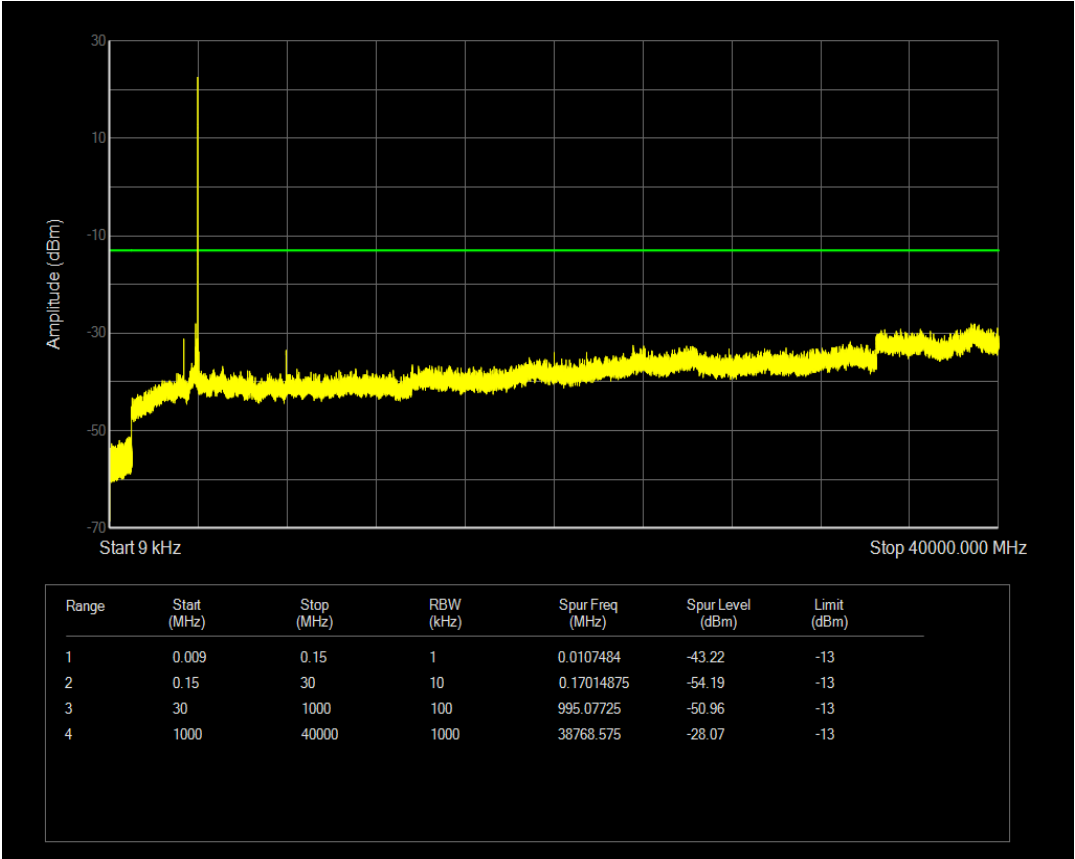
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



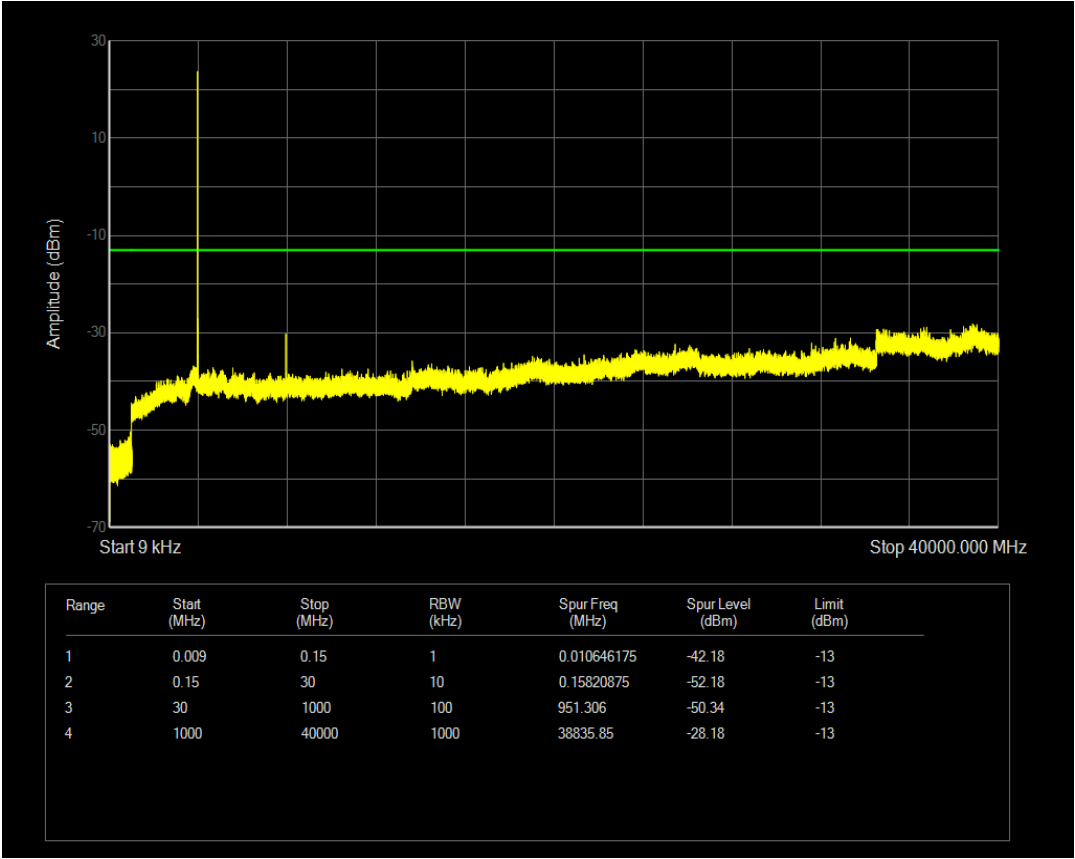
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0*



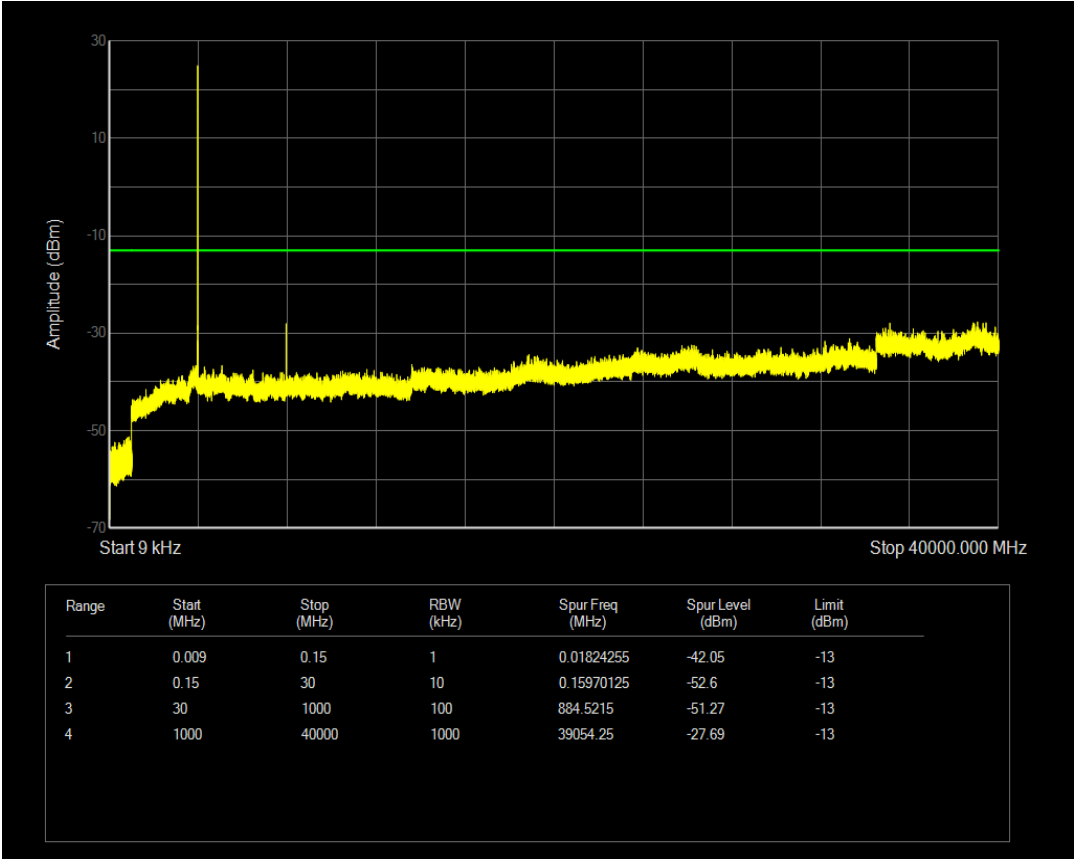
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



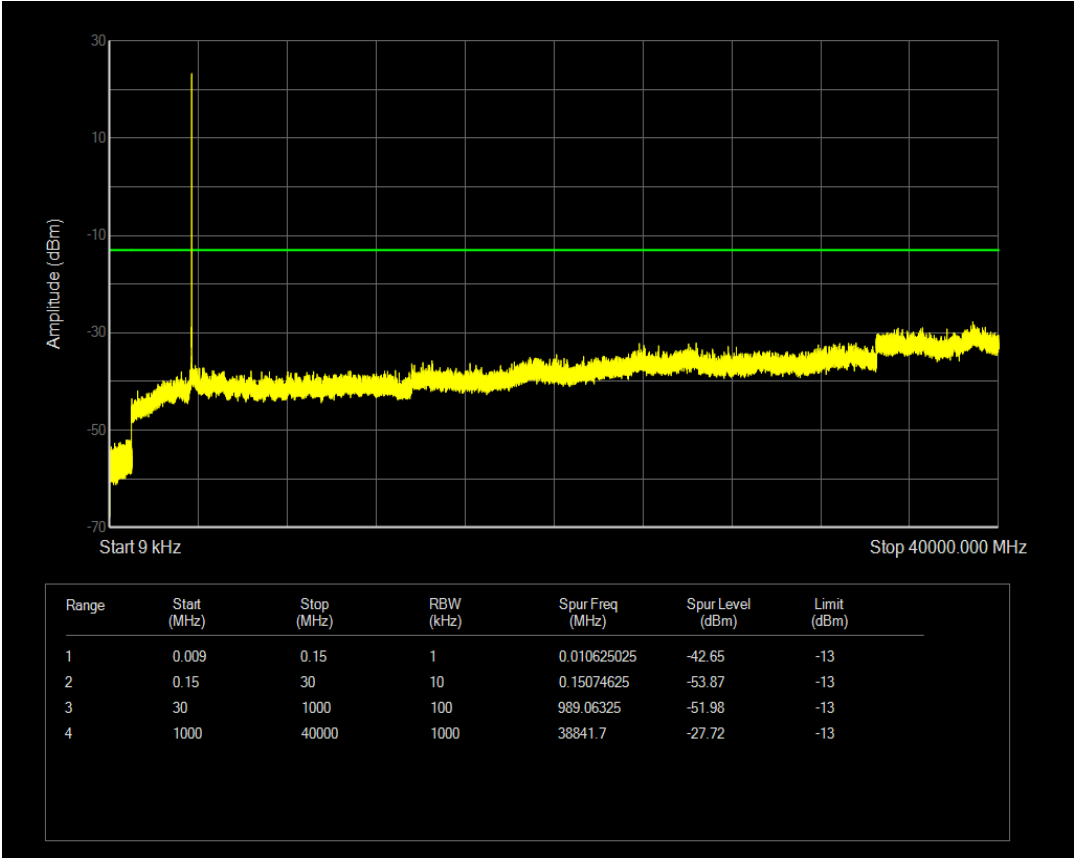
n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0



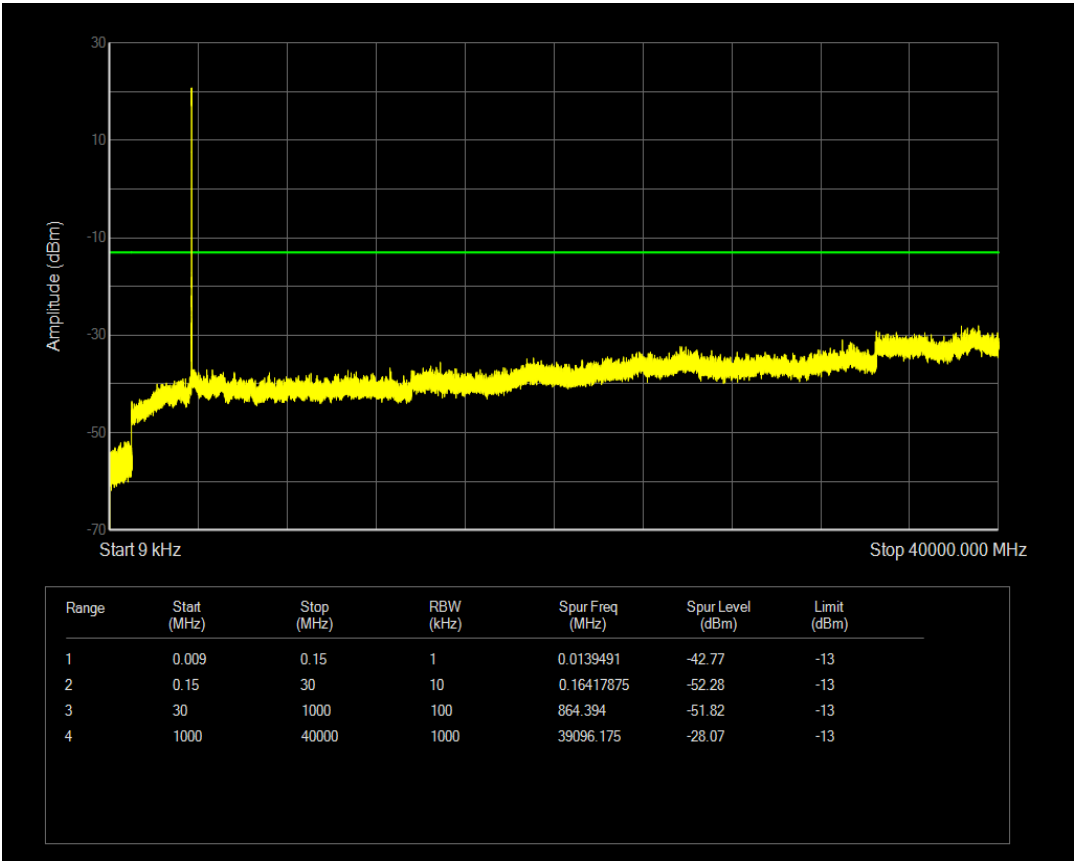
n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23



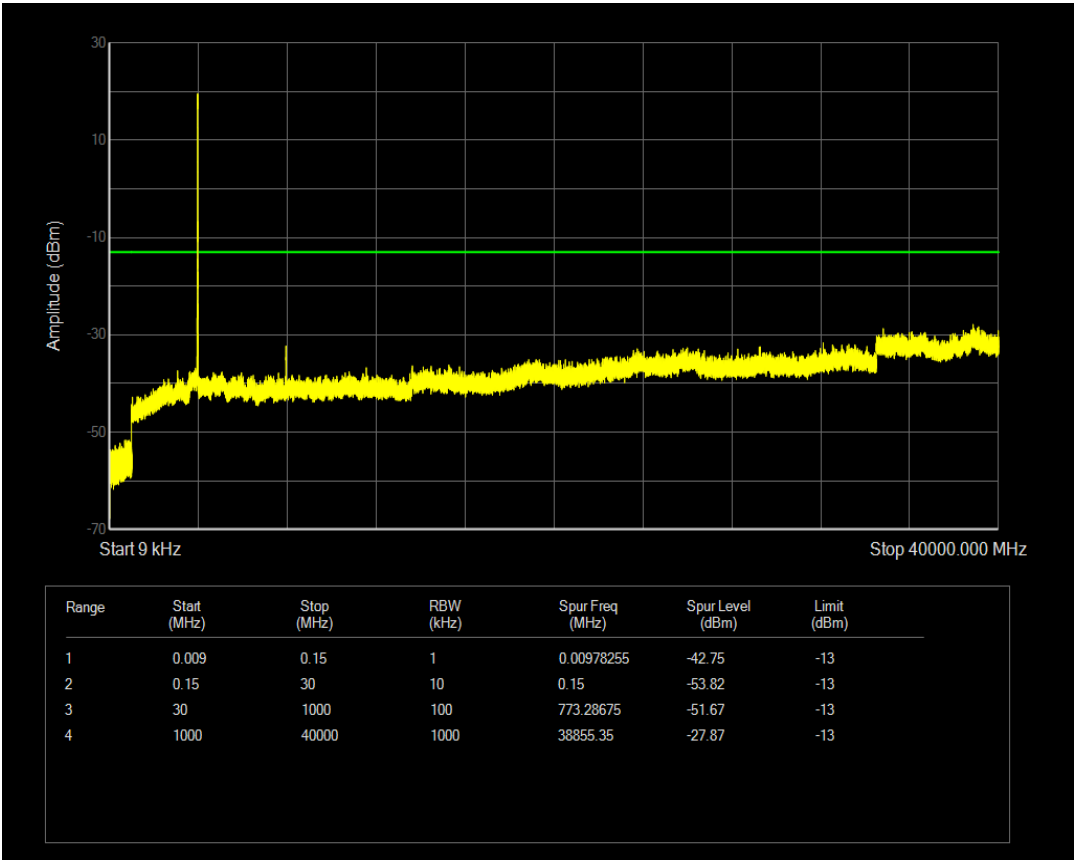
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*



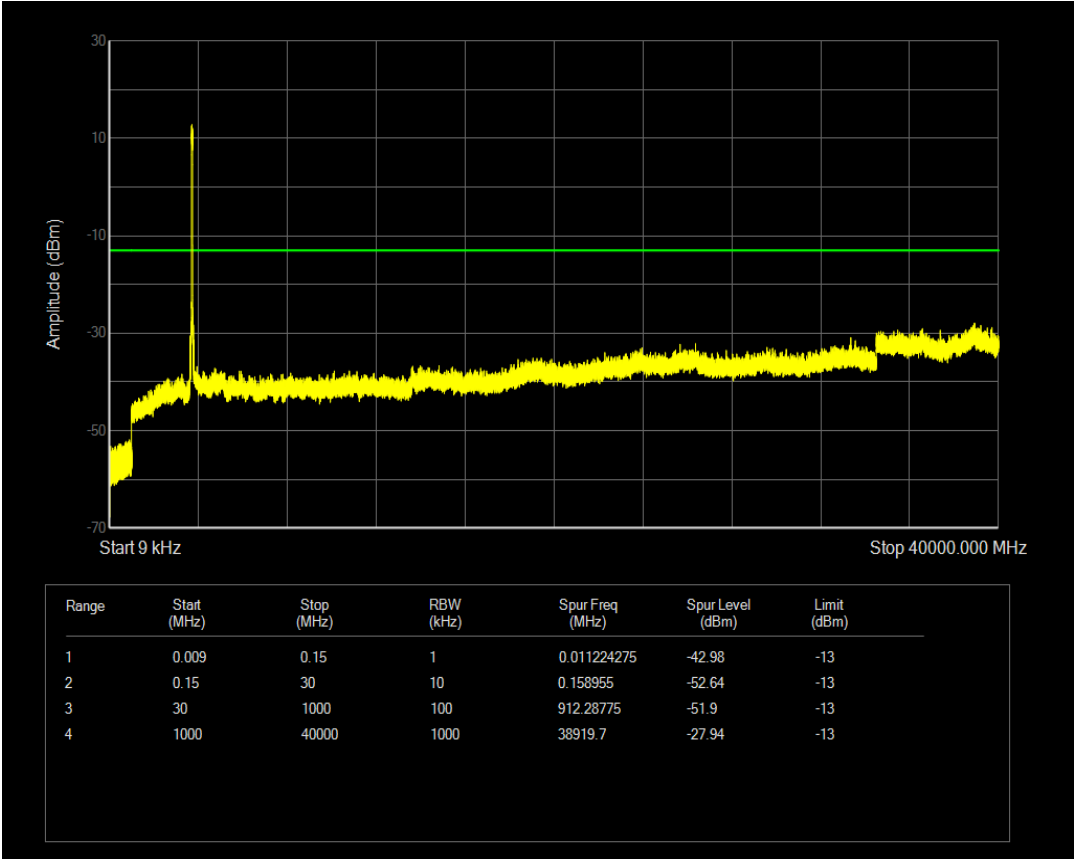
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*



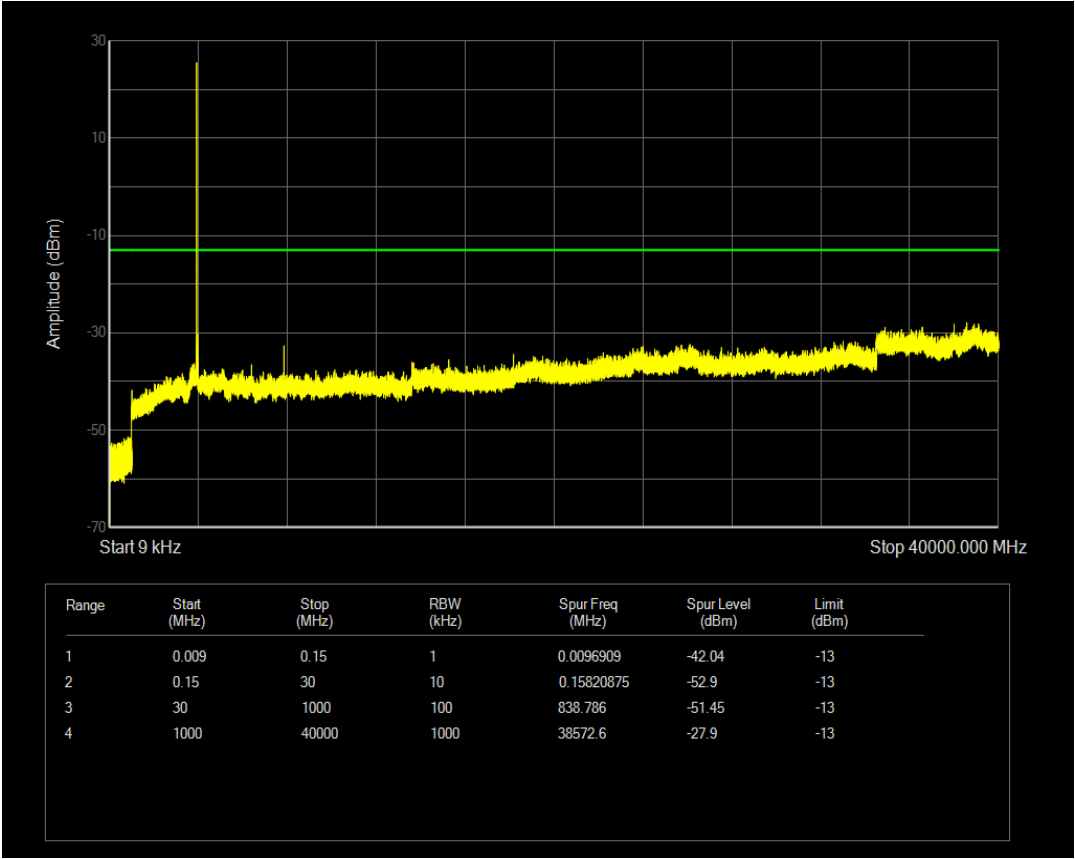
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0*



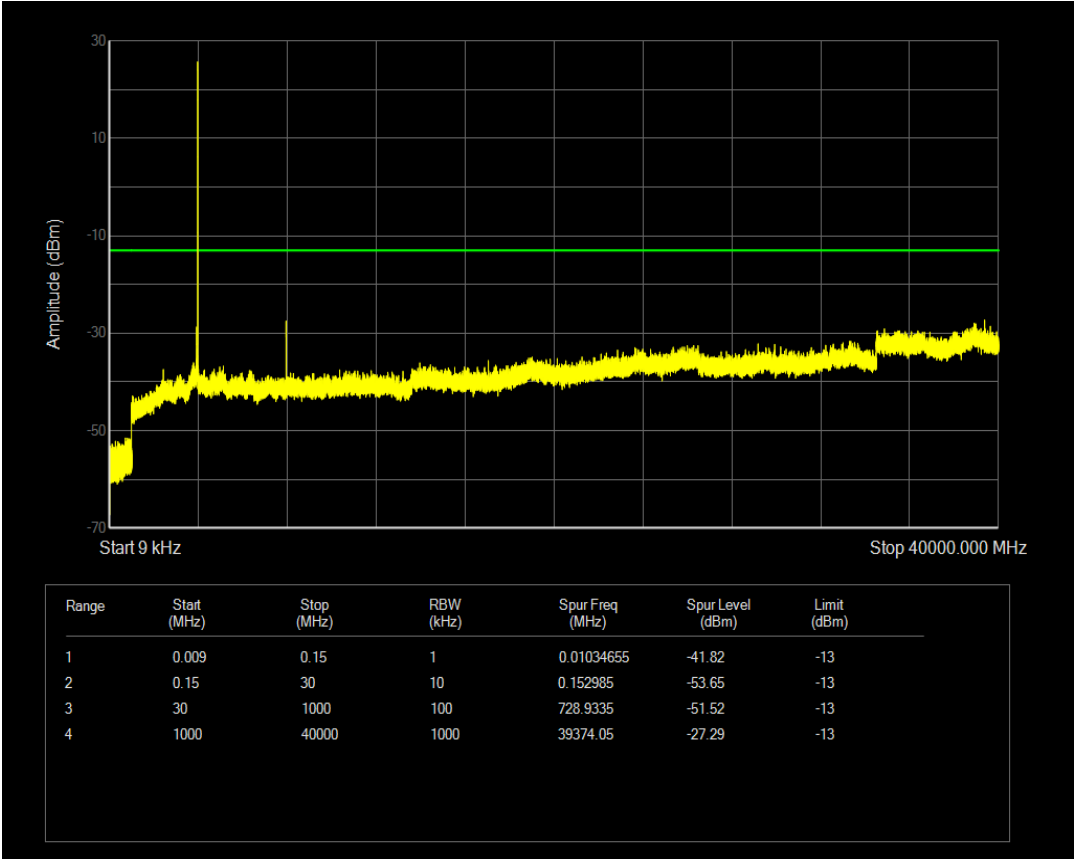
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*



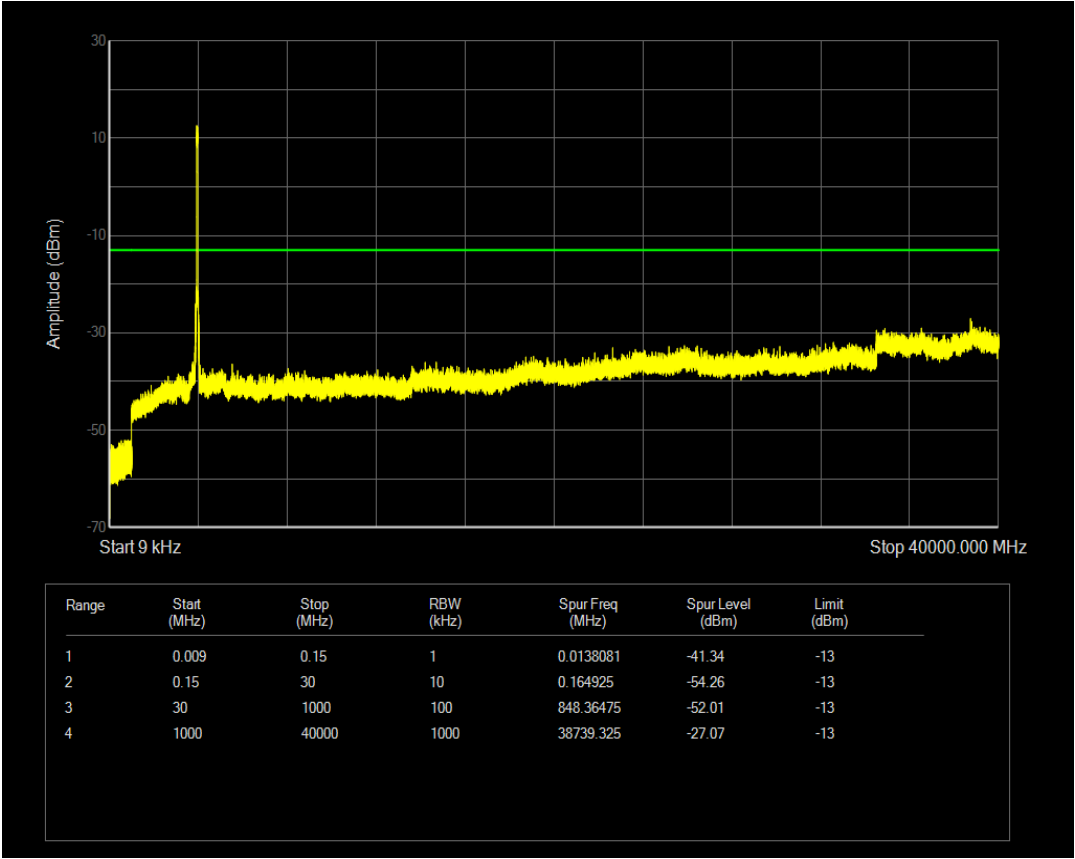
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0*



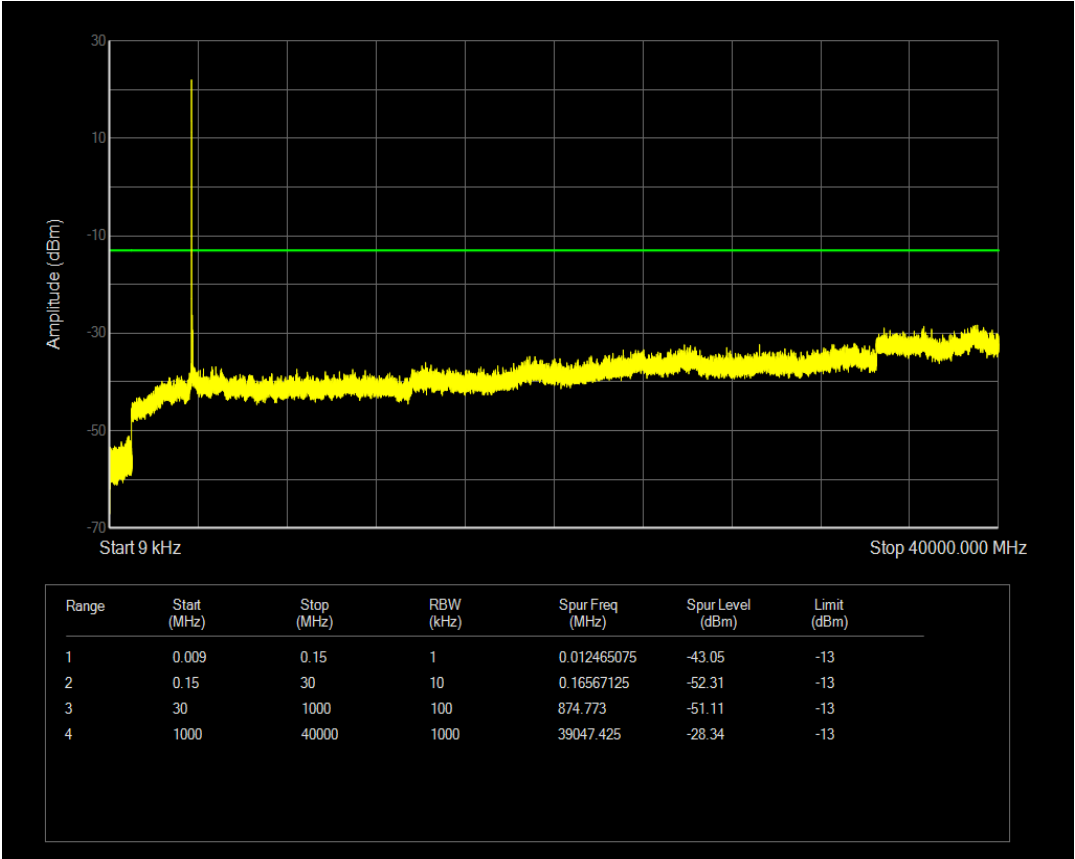
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@132*



*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*

