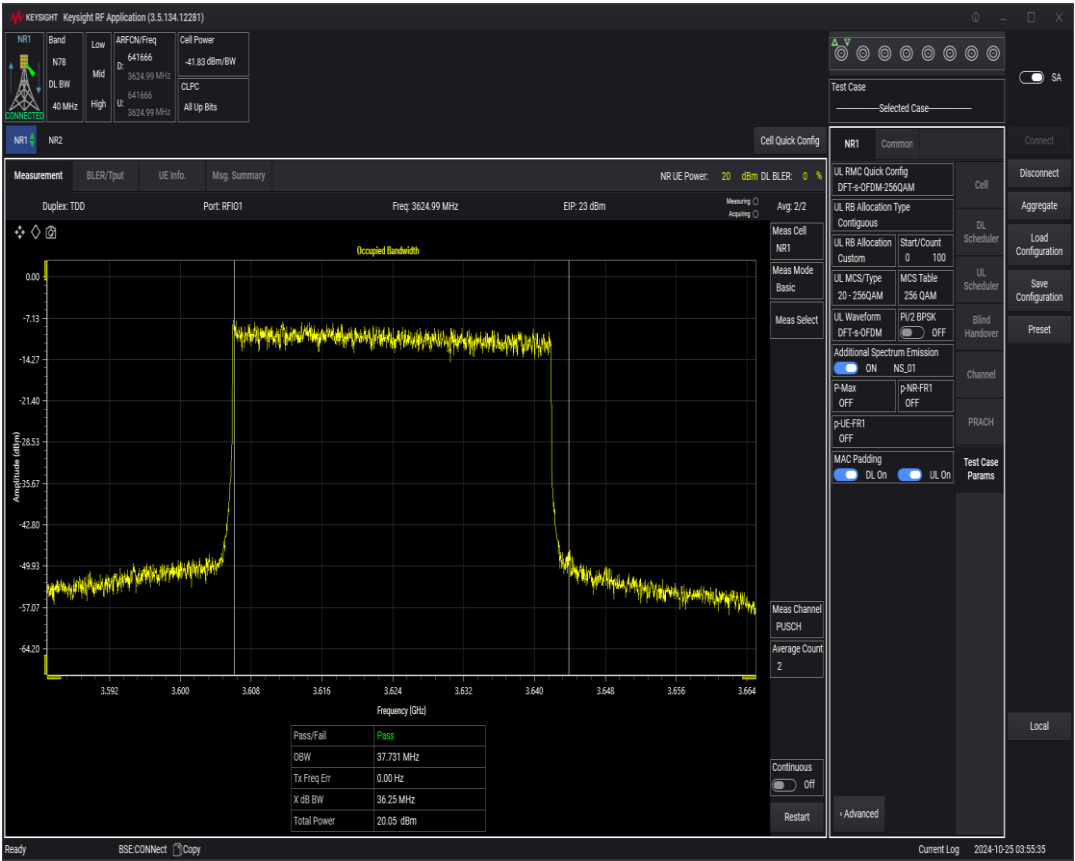
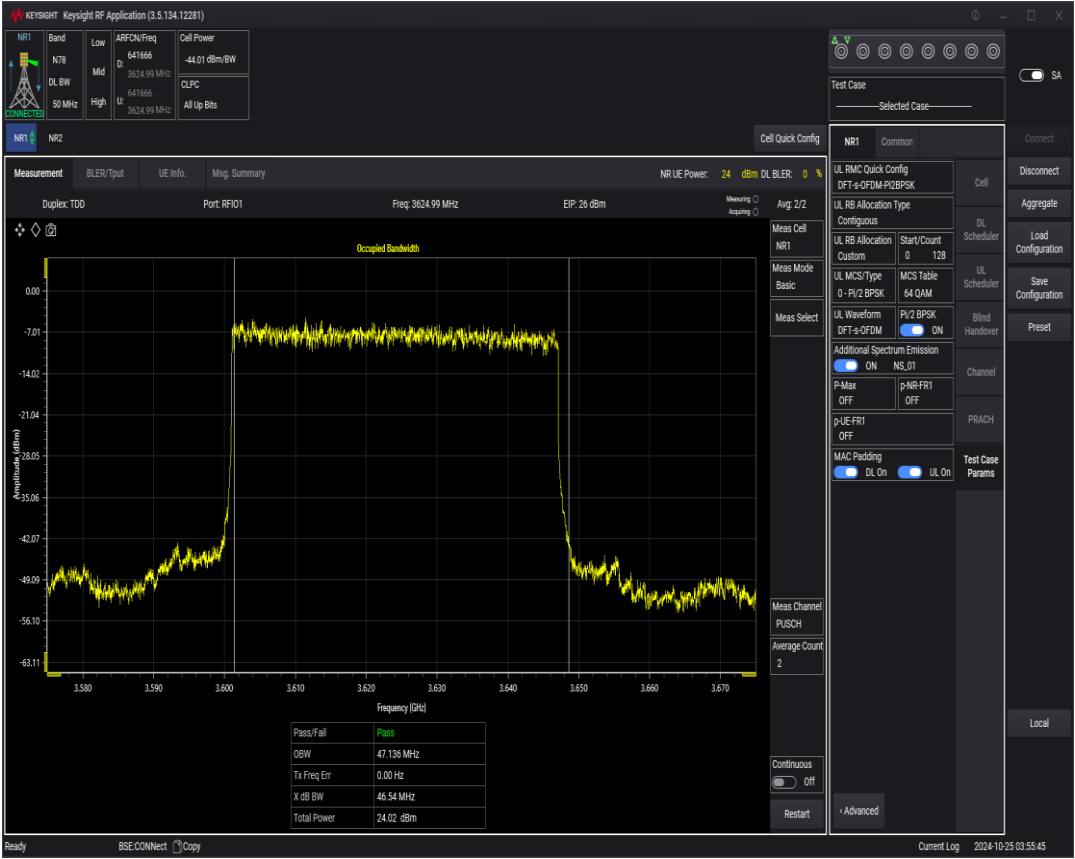
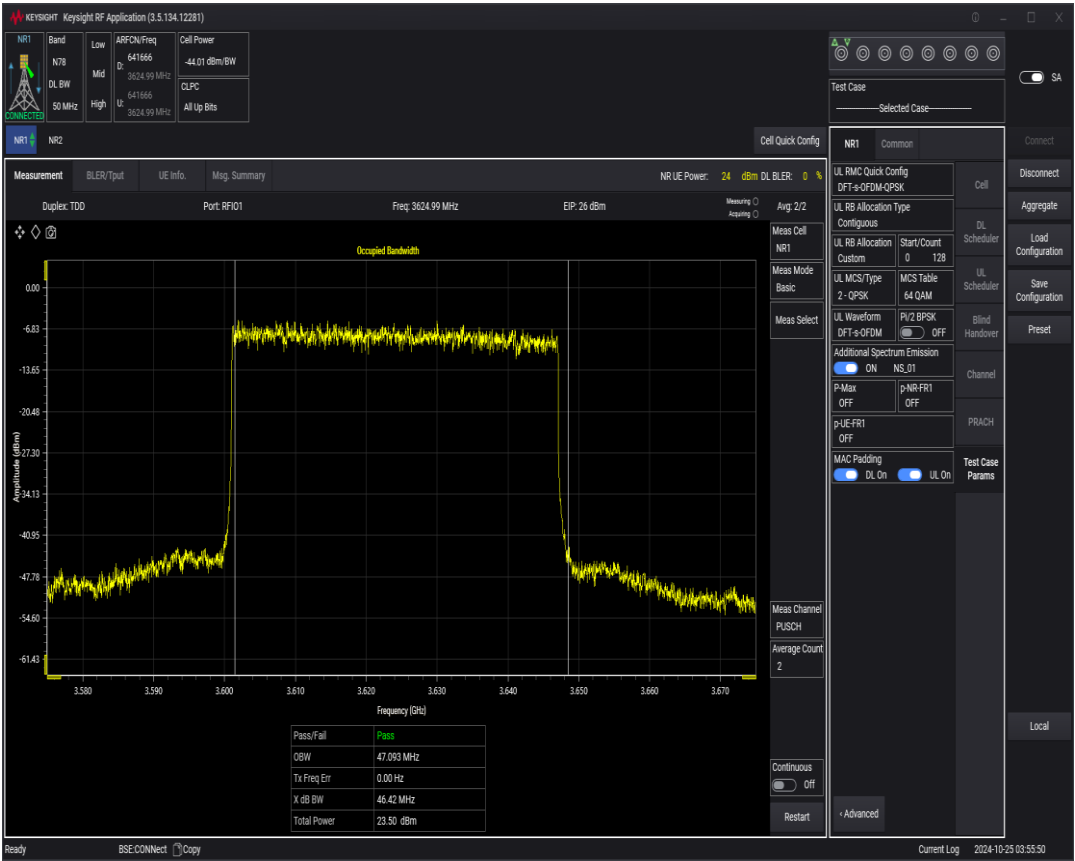




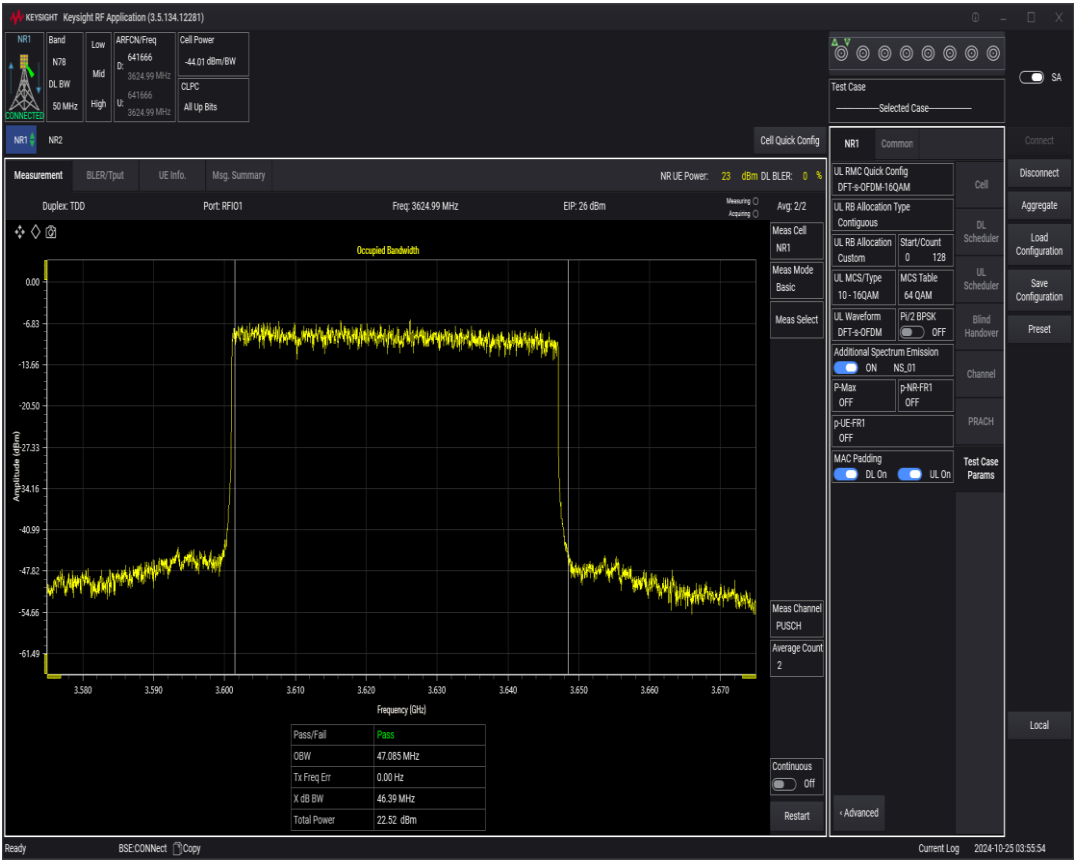
n78(3550-3700) SCS=30kHz DFT\_BPSK BW=50MHz Channel=641666 RB=128@0



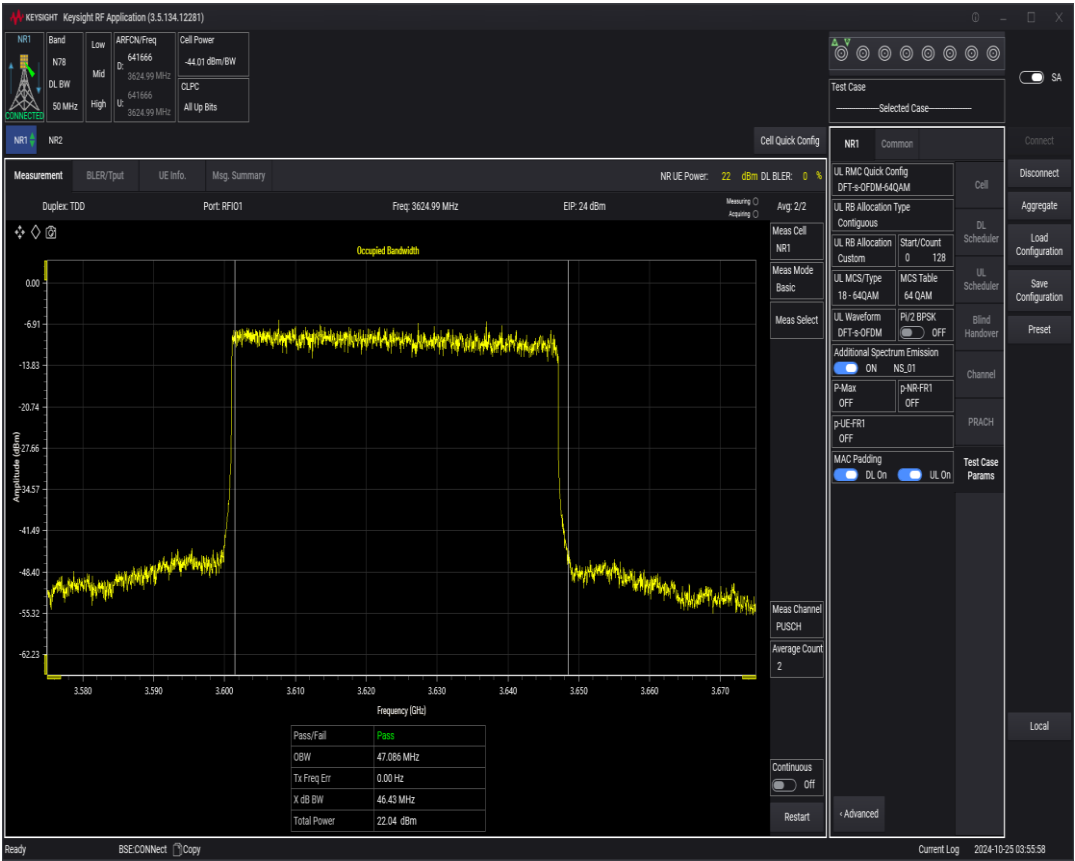
n78(3550-3700) SCS=30kHz DFT\_QPSK BW=50MHz Channel=641666 RB=128@0



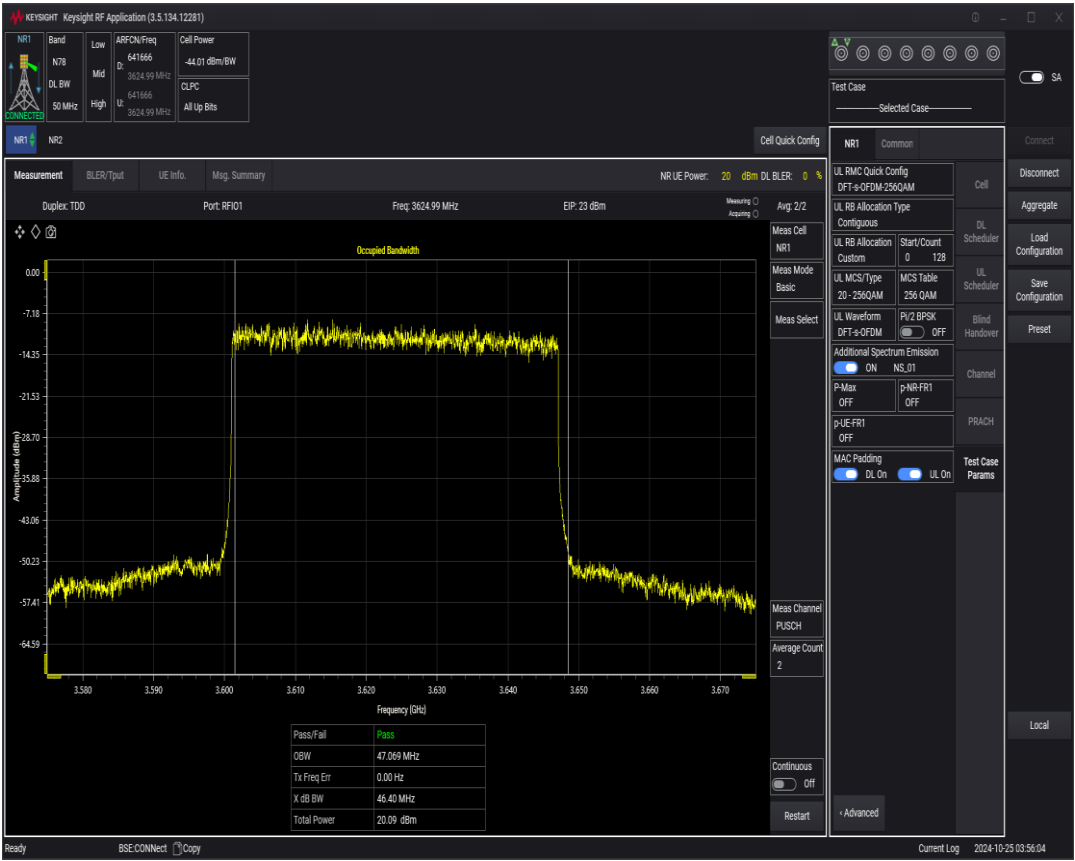
***n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=641666 RB=128@0***



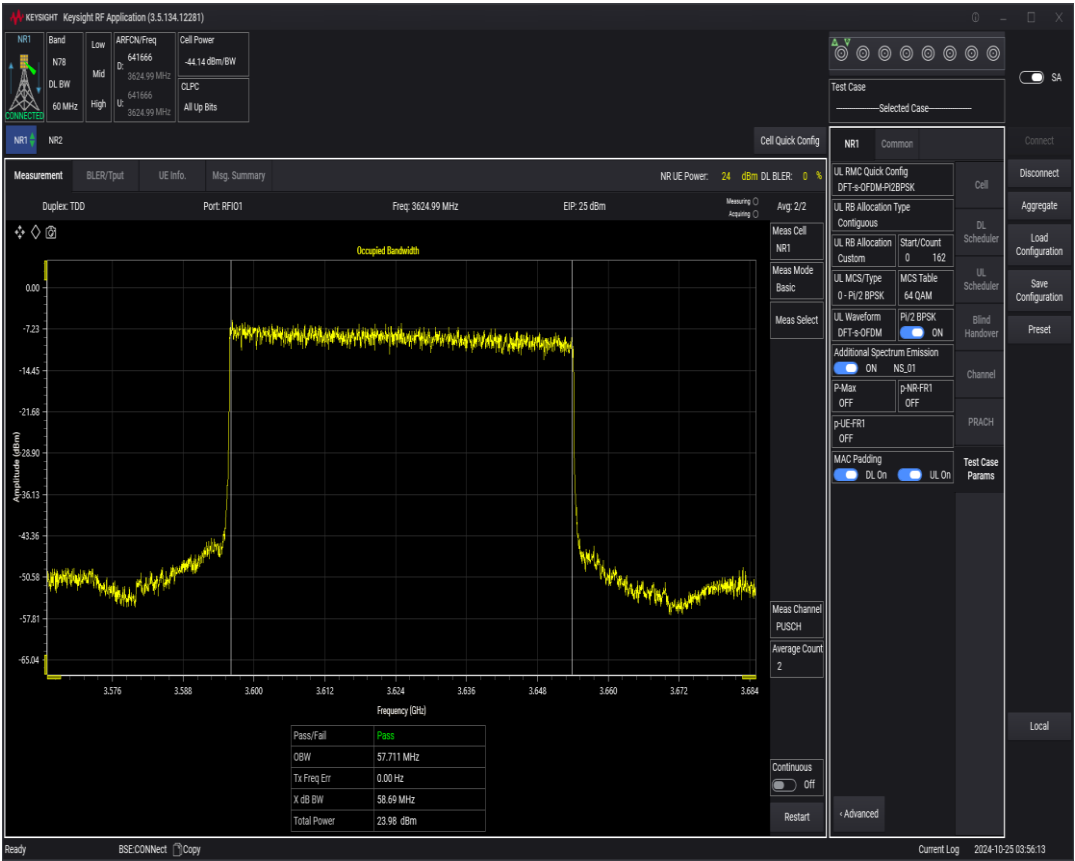
***n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=641666 RB=128@0***



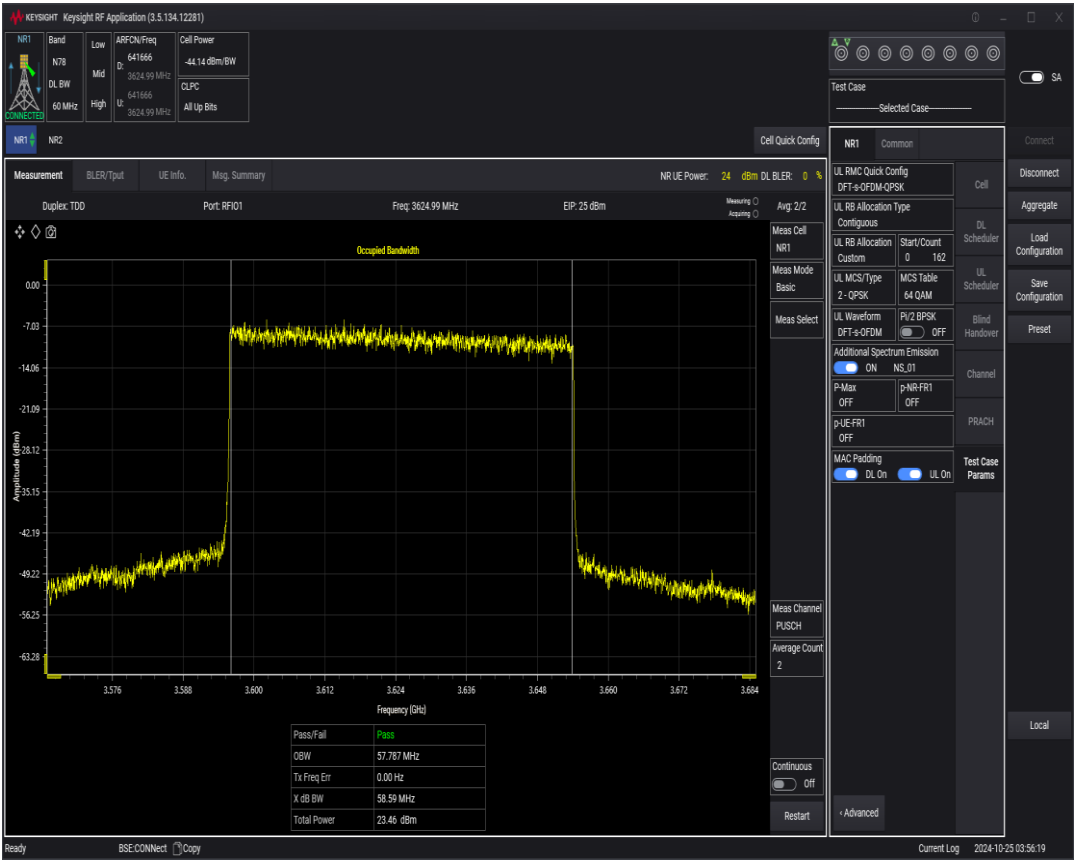
n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=641666 RB=128@0



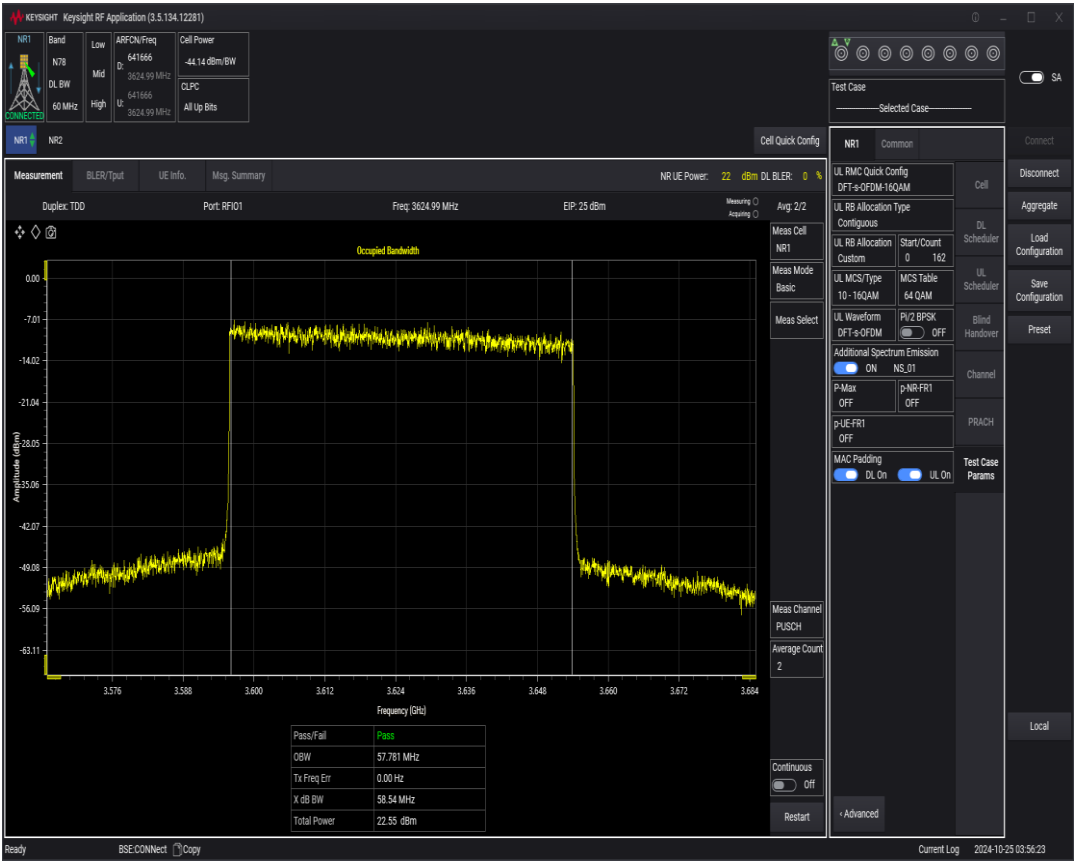
n78(3550-3700) SCS=30kHz DFT\_BPSK BW=60MHz Channel=641666 RB=162@0



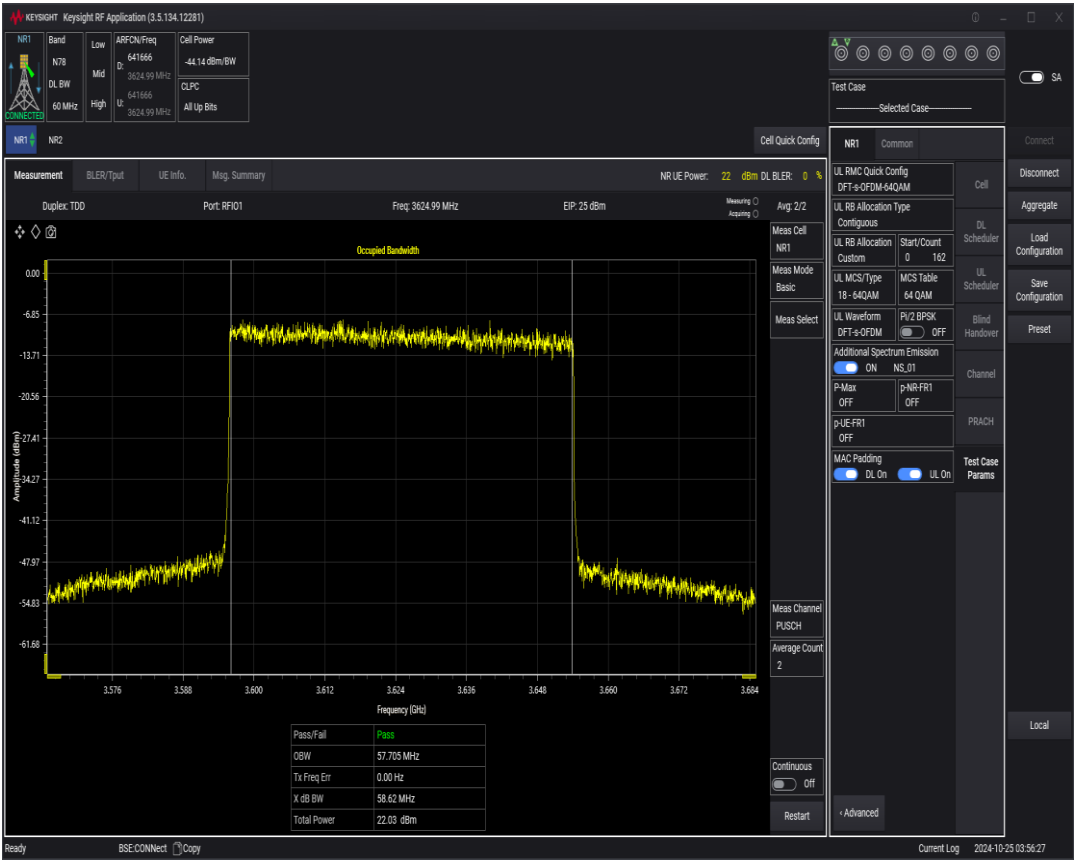
*n78(3550-3700) SCS=30kHz DFT\_QPSK BW=60MHz Channel=641666 RB=162@0*



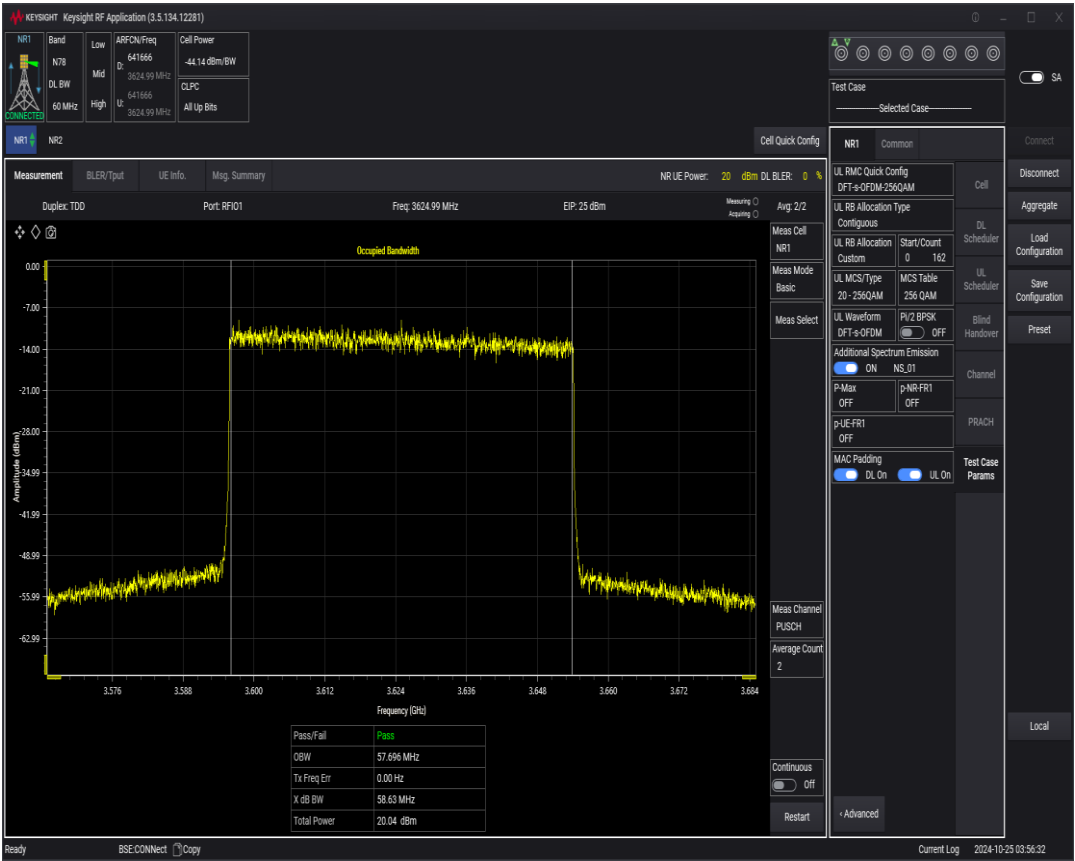
*n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=641666 RB=162@0*



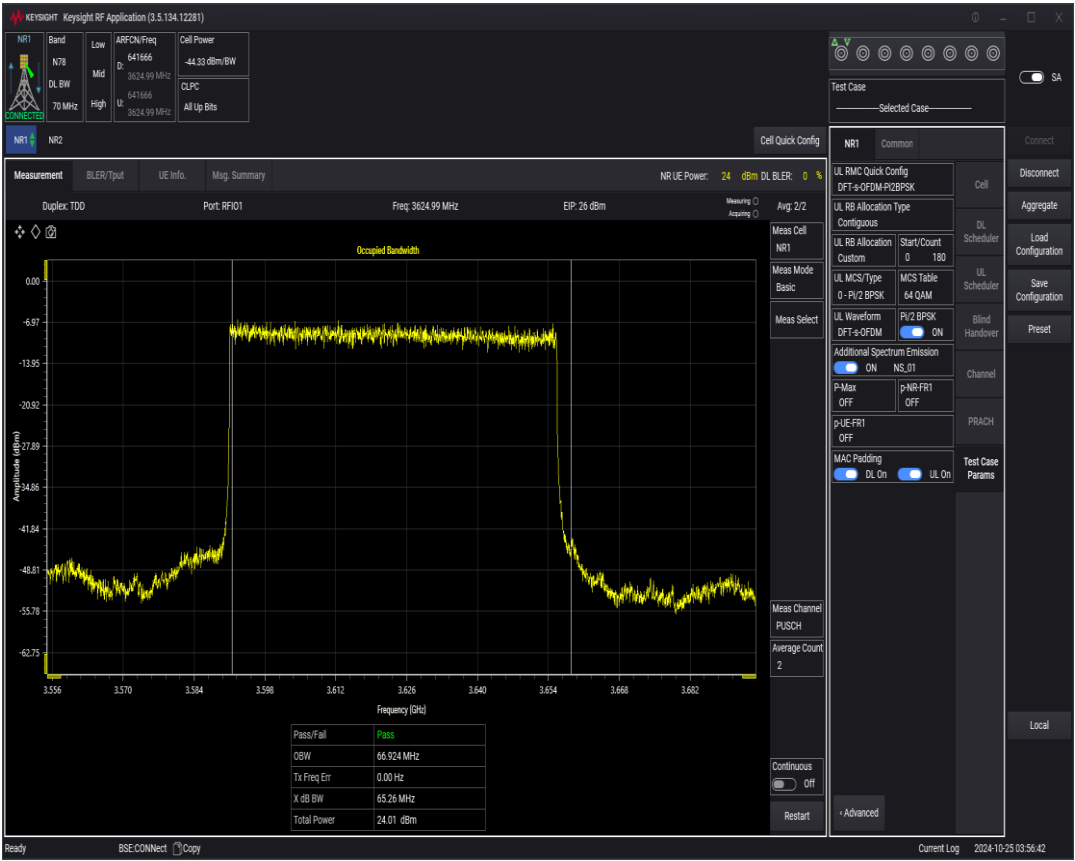
*n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=641666 RB=162@0*



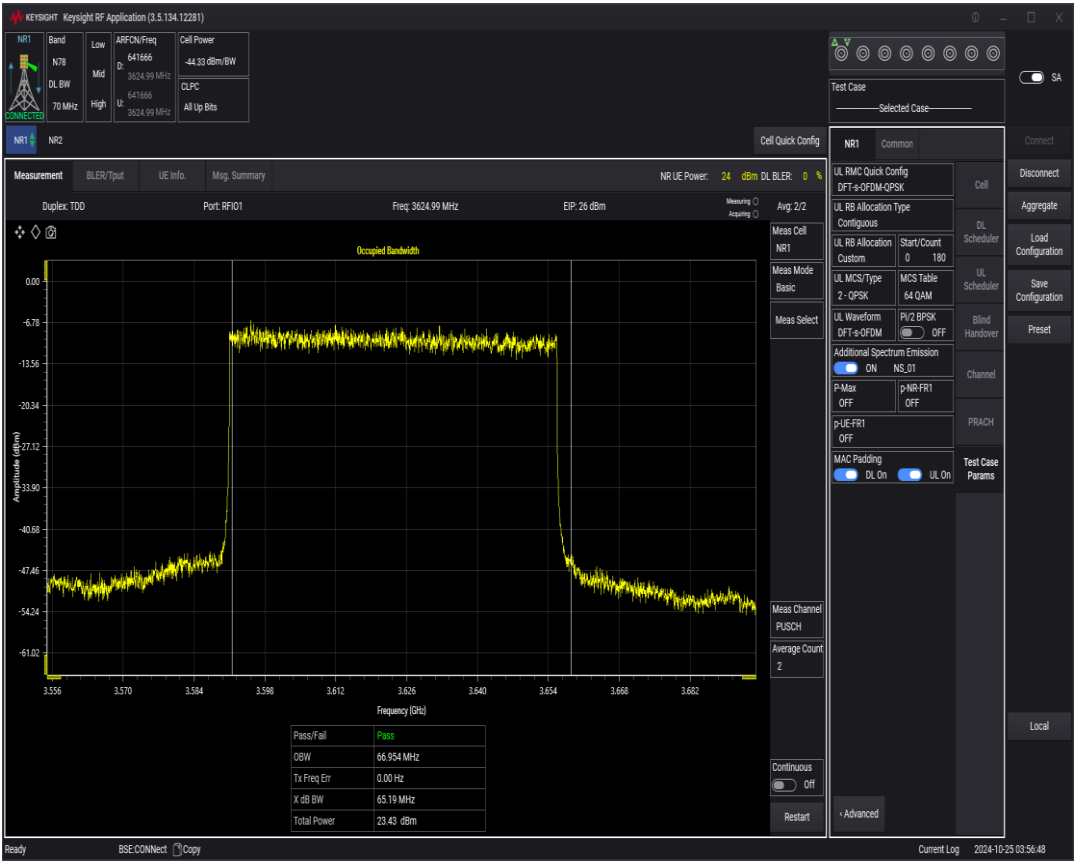
*n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=641666 RB=162@0*



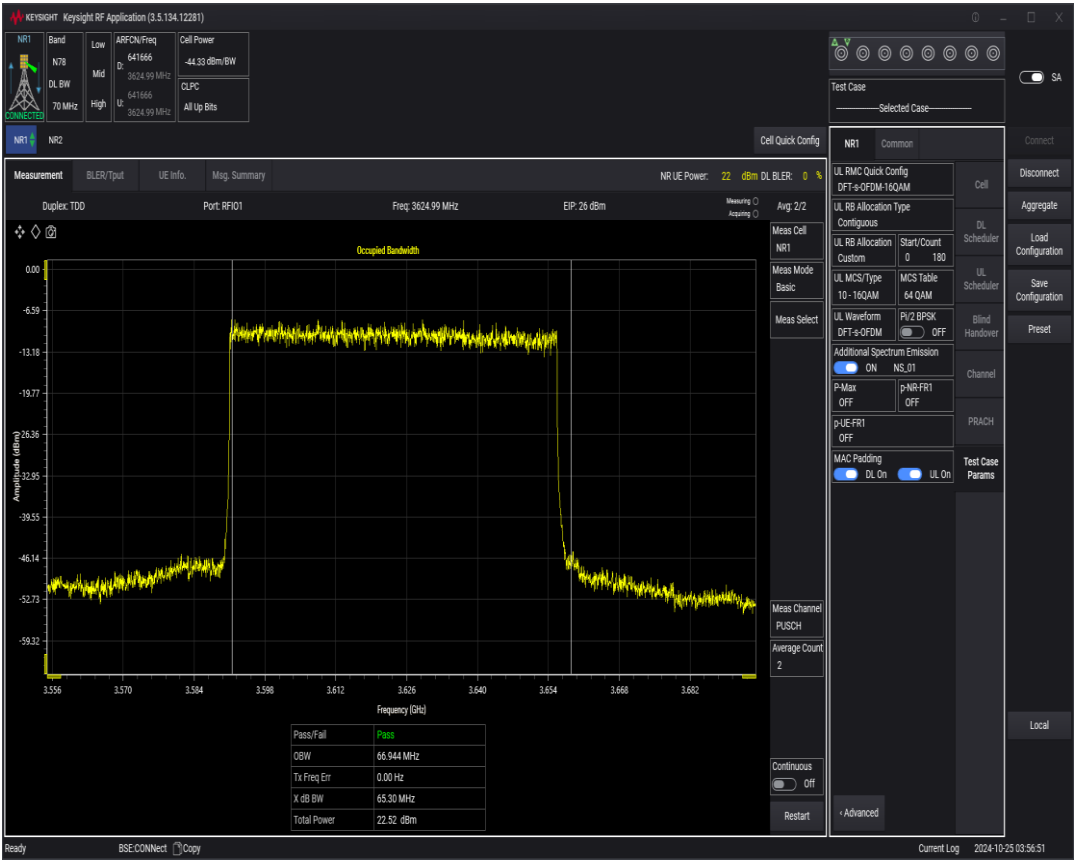
n78(3550-3700) SCS=30kHz DFT\_BPSK BW=70MHz Channel=641666 RB=180@0



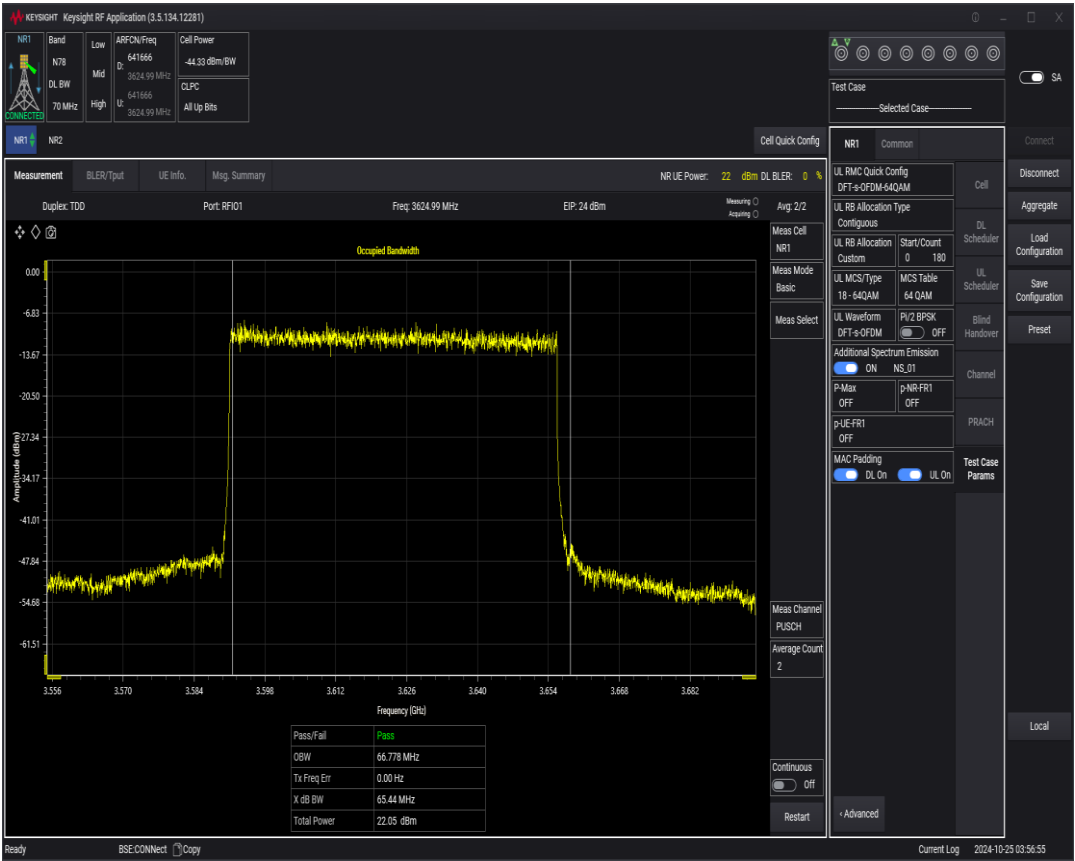
n78(3550-3700) SCS=30kHz DFT\_QPSK BW=70MHz Channel=641666 RB=180@0



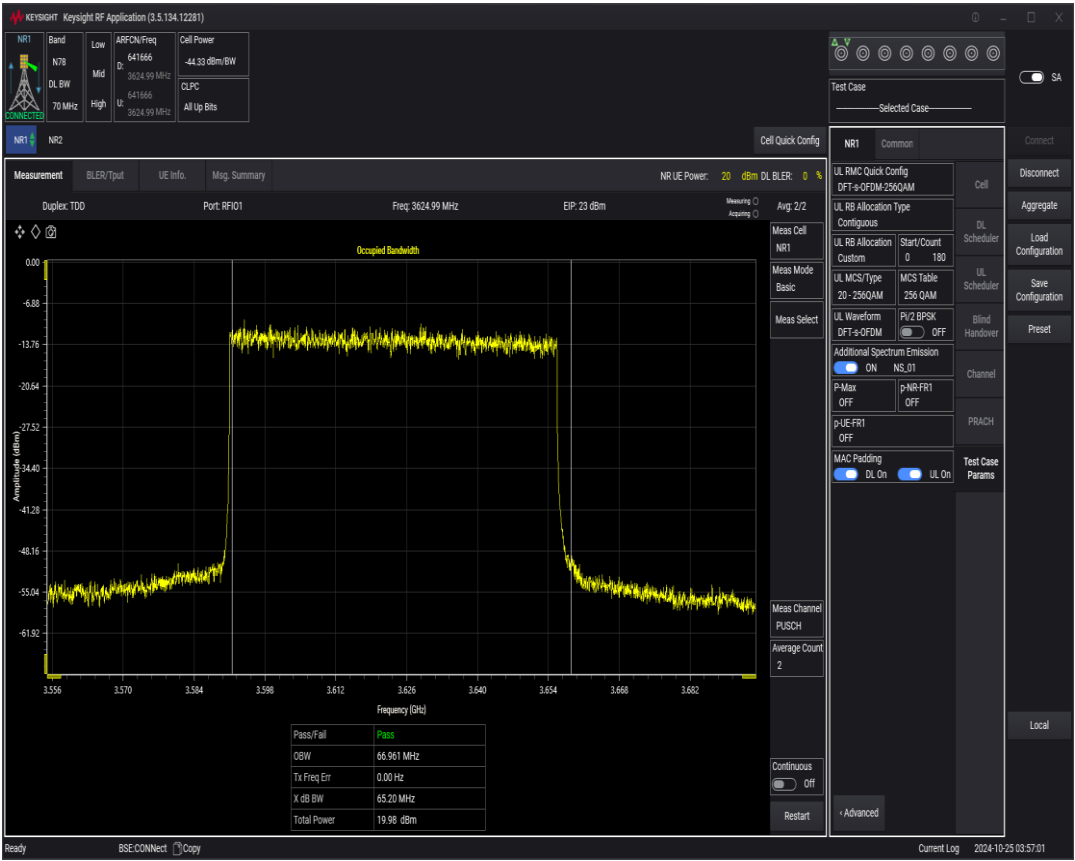
*n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=641666 RB=180@0*



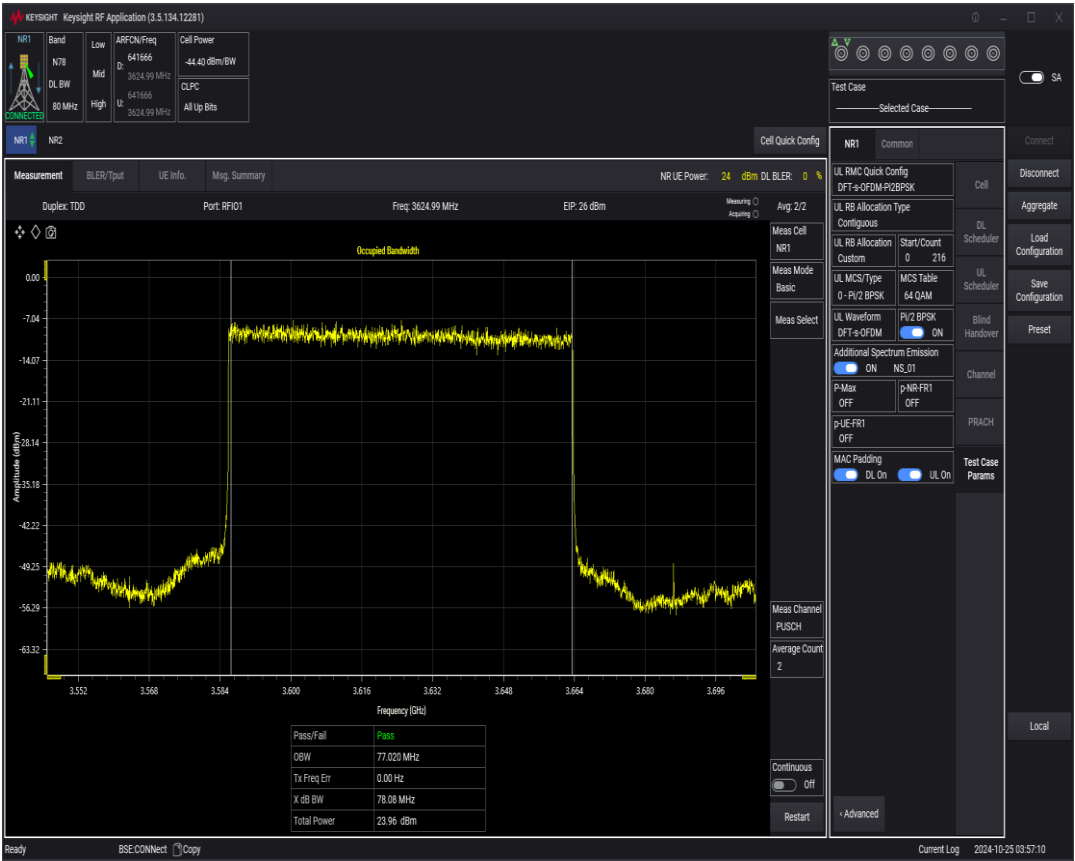
*n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=641666 RB=180@0*



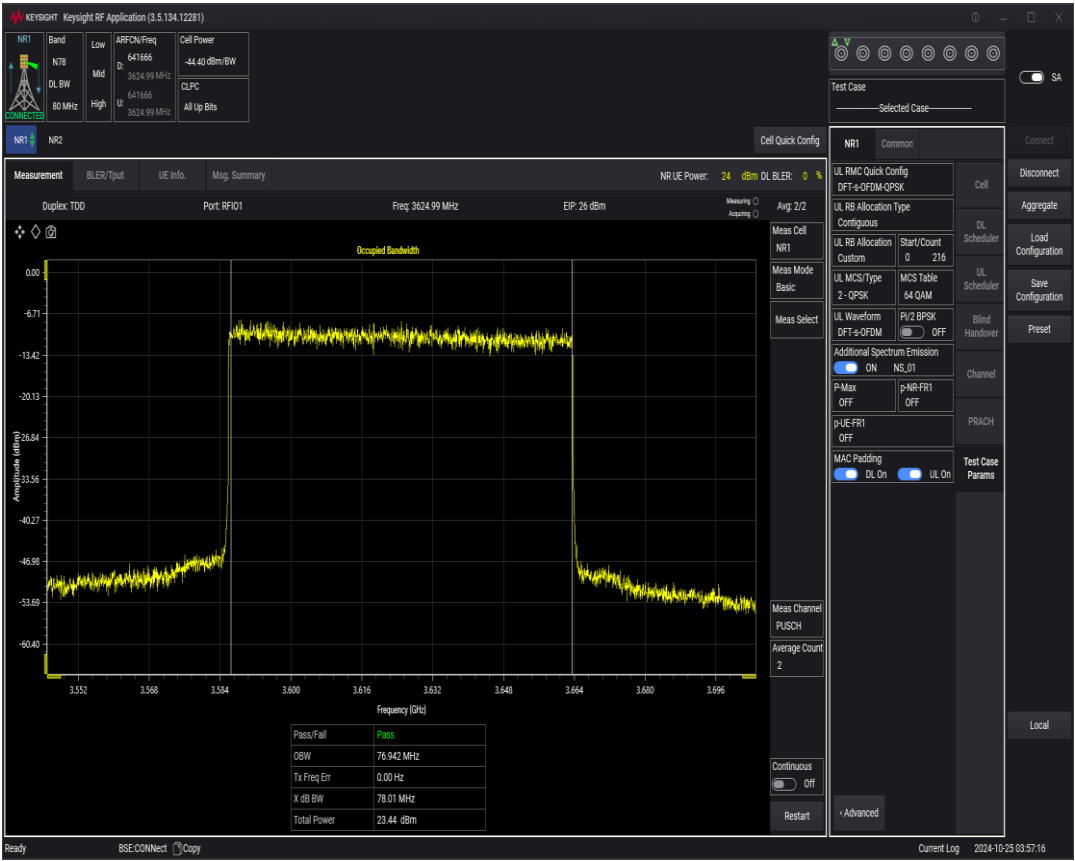
*n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=641666 RB=180@0*



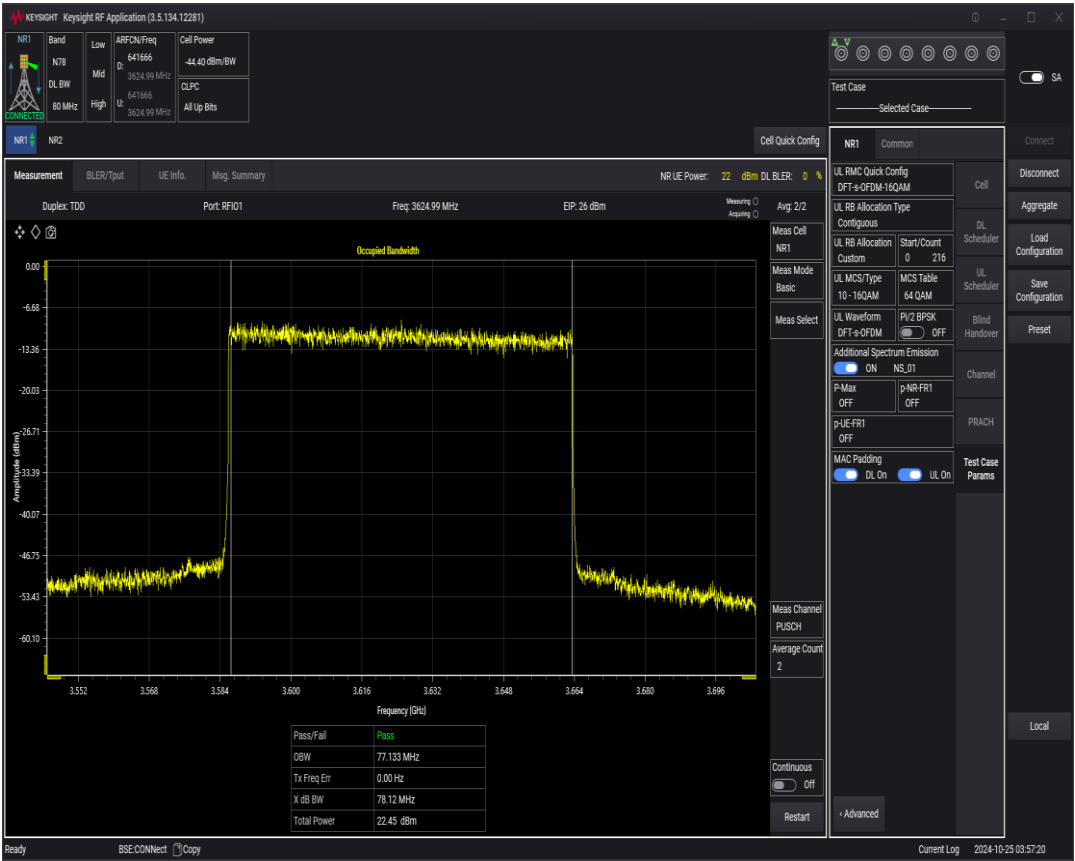
*n78(3550-3700) SCS=30kHz DFT\_BPSK BW=80MHz Channel=641666 RB=216@0*



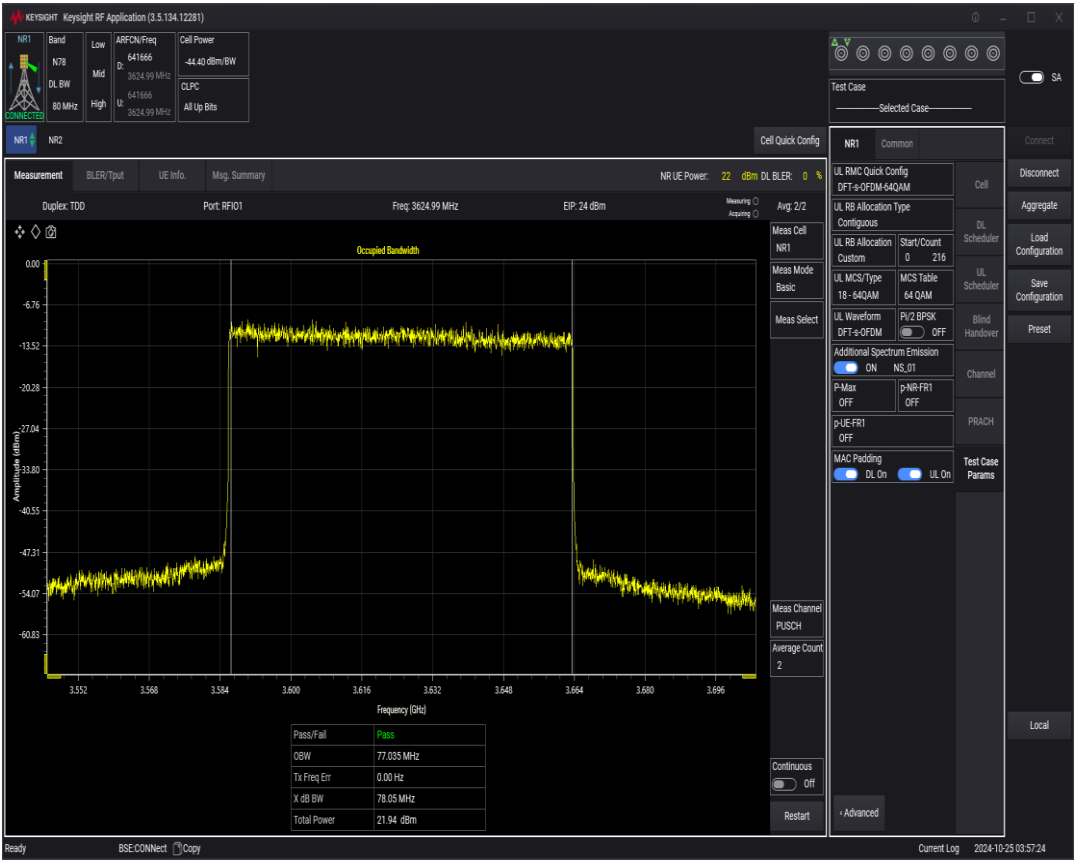
*n78(3550-3700) SCS=30kHz DFT\_QPSK BW=80MHz Channel=641666 RB=216@0*



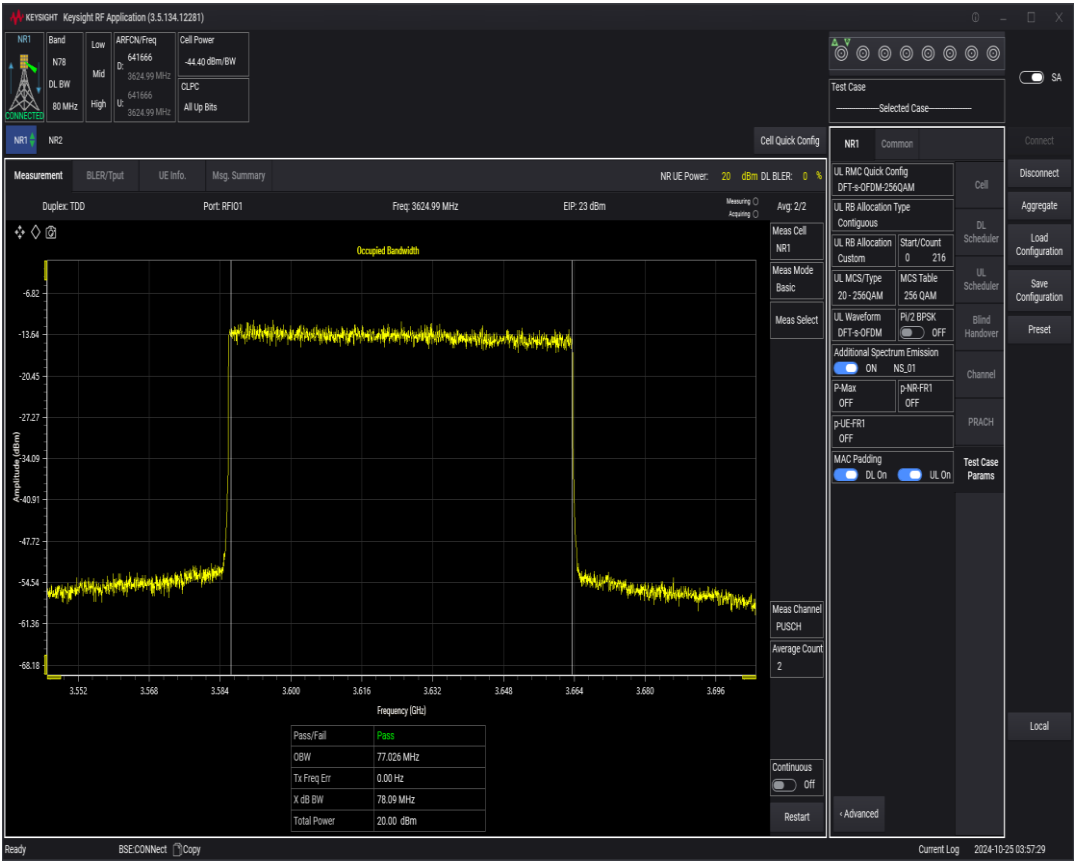
*n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=641666 RB=216@0*



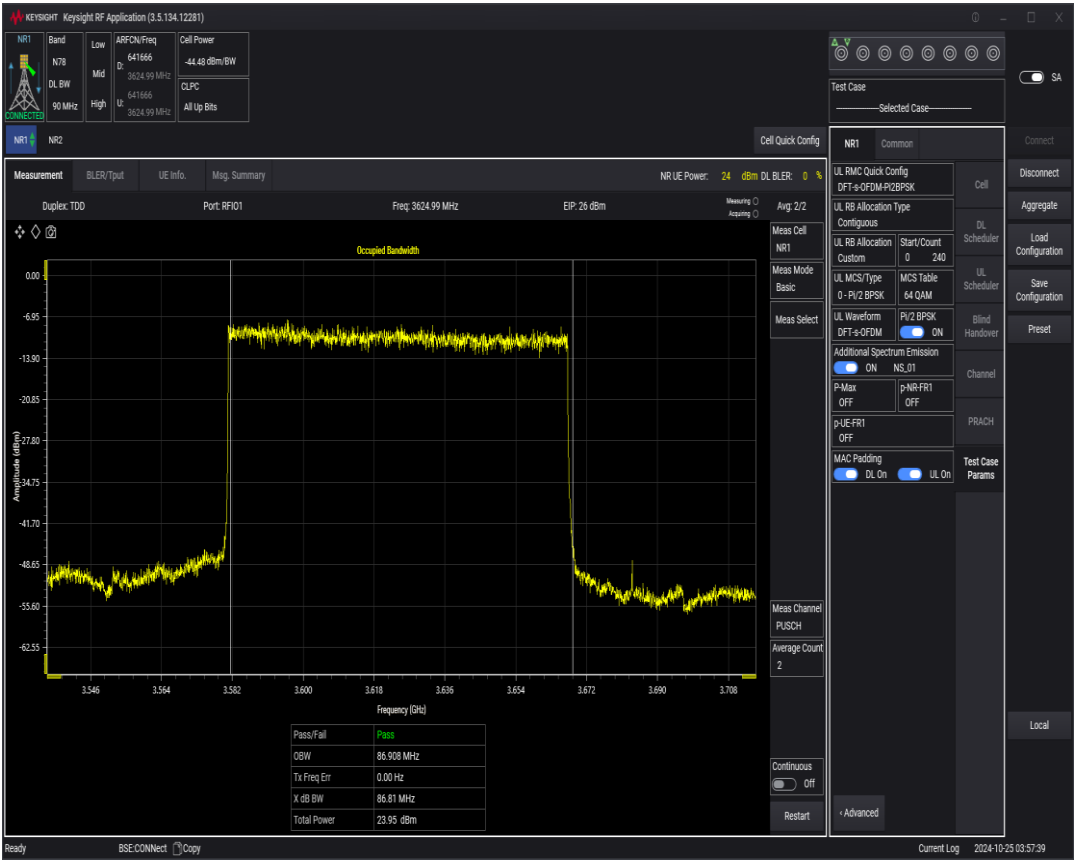
*n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=641666 RB=216@0*



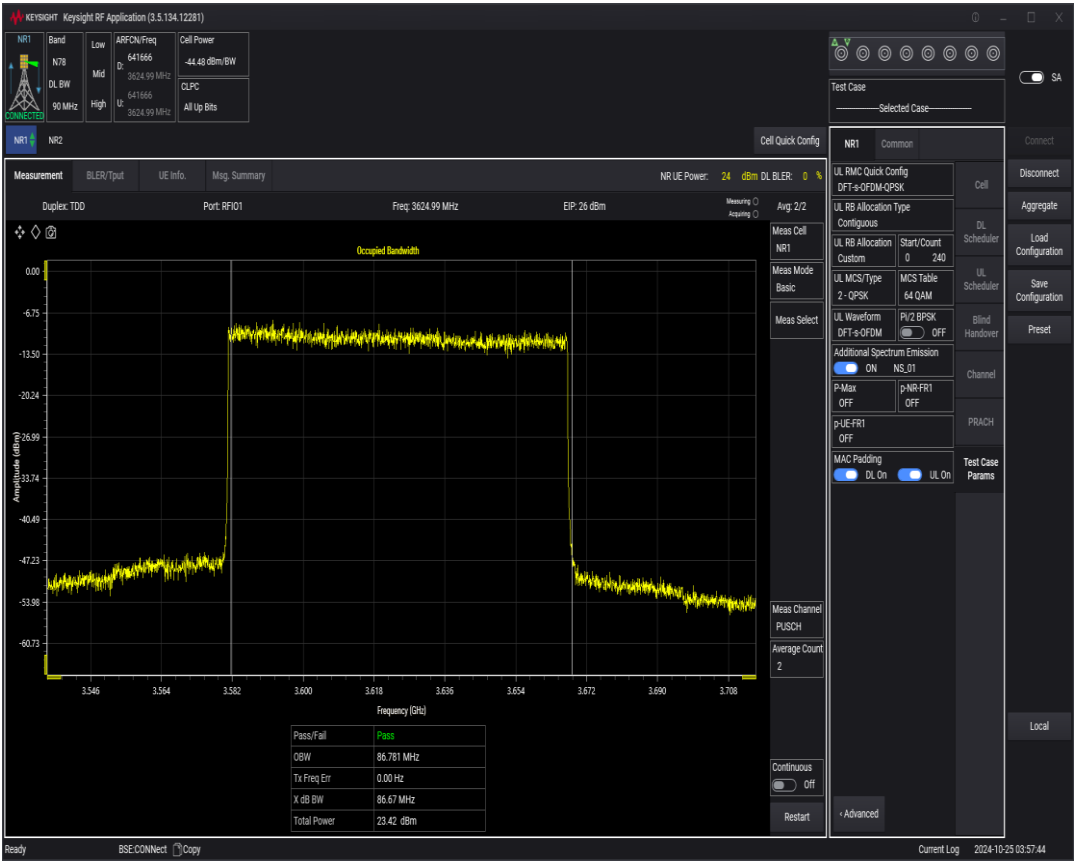
*n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=641666 RB=216@0*



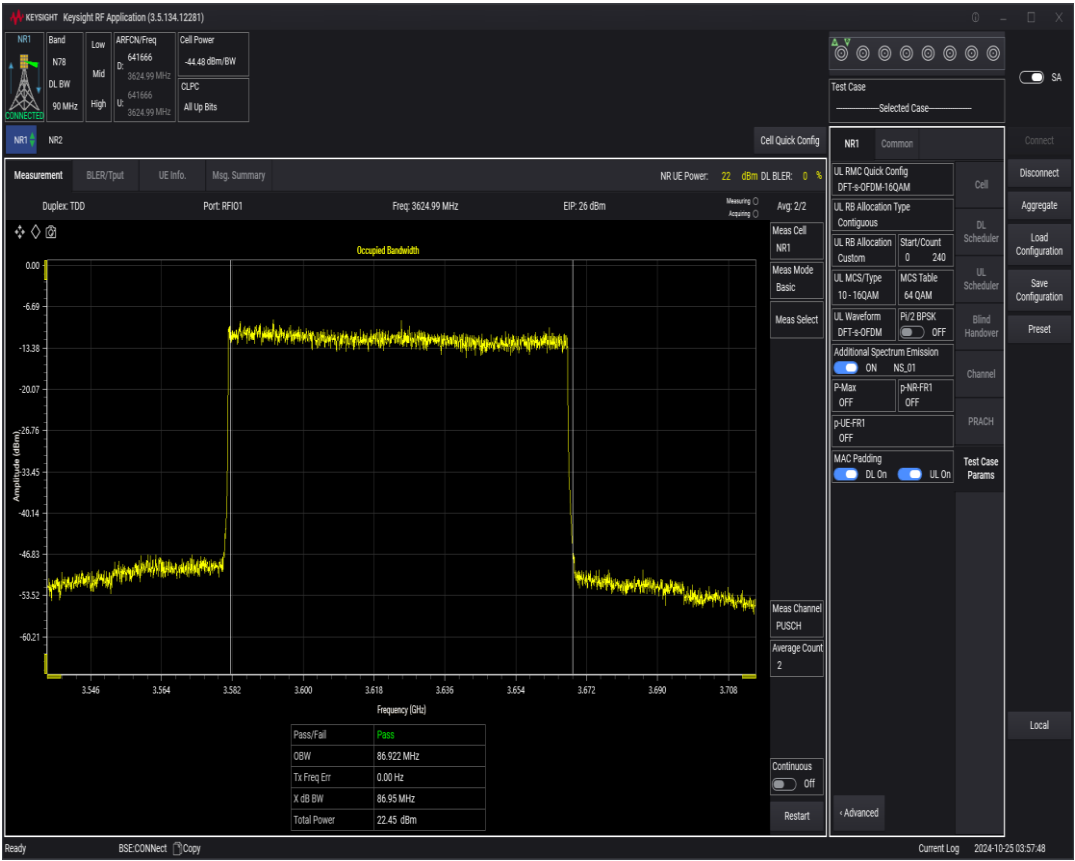
n78(3550-3700) SCS=30kHz DFT\_BPSK BW=90MHz Channel=641666 RB=240@0



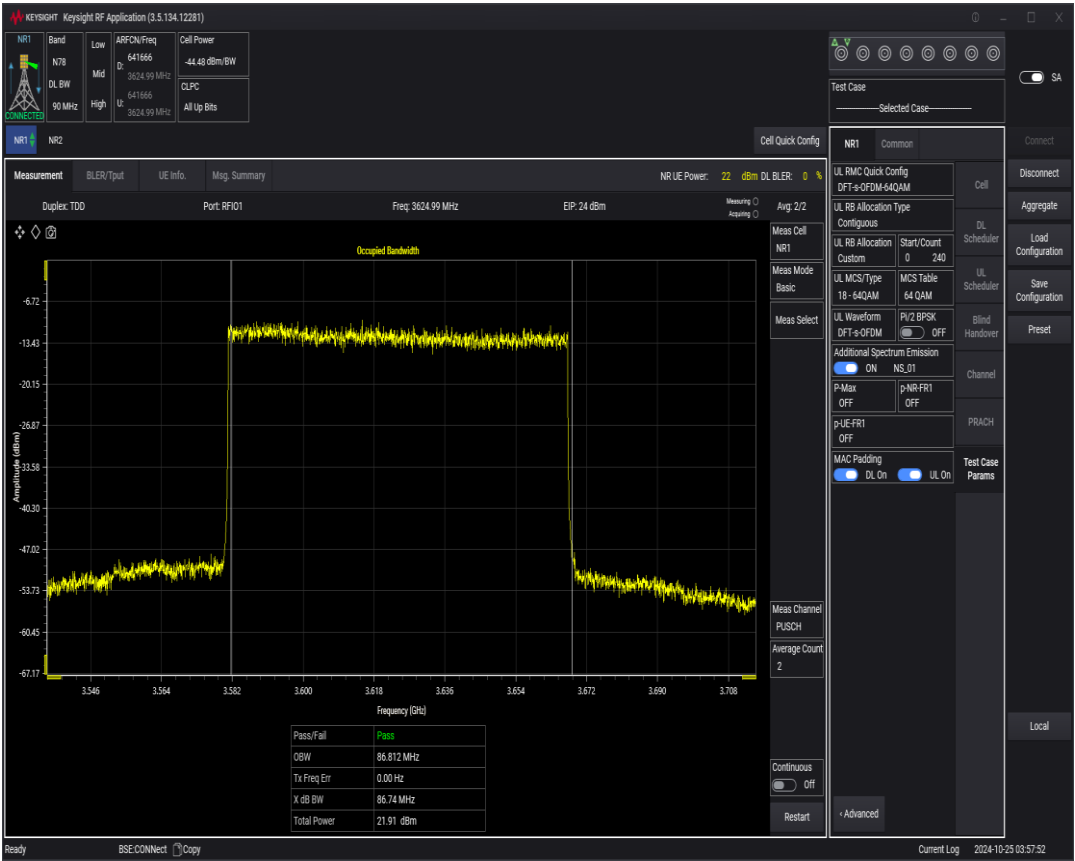
n78(3550-3700) SCS=30kHz DFT\_QPSK BW=90MHz Channel=641666 RB=240@0



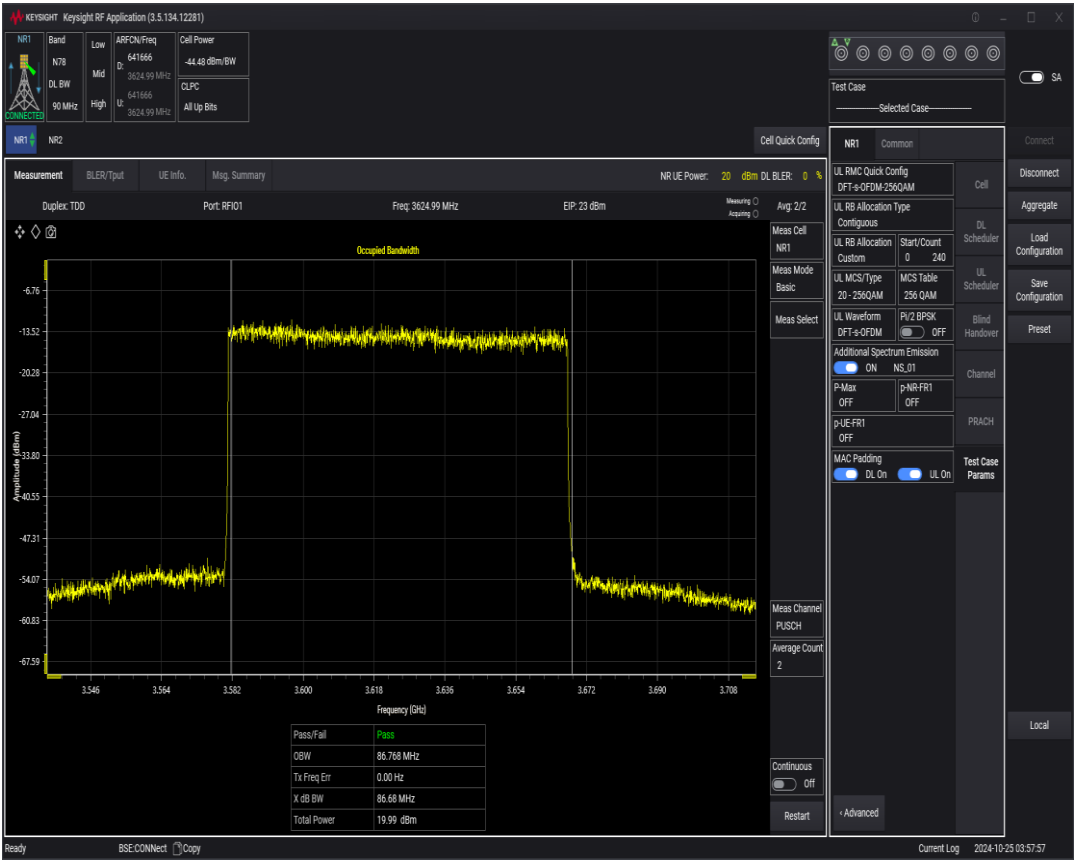
*n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=641666 RB=240@0*



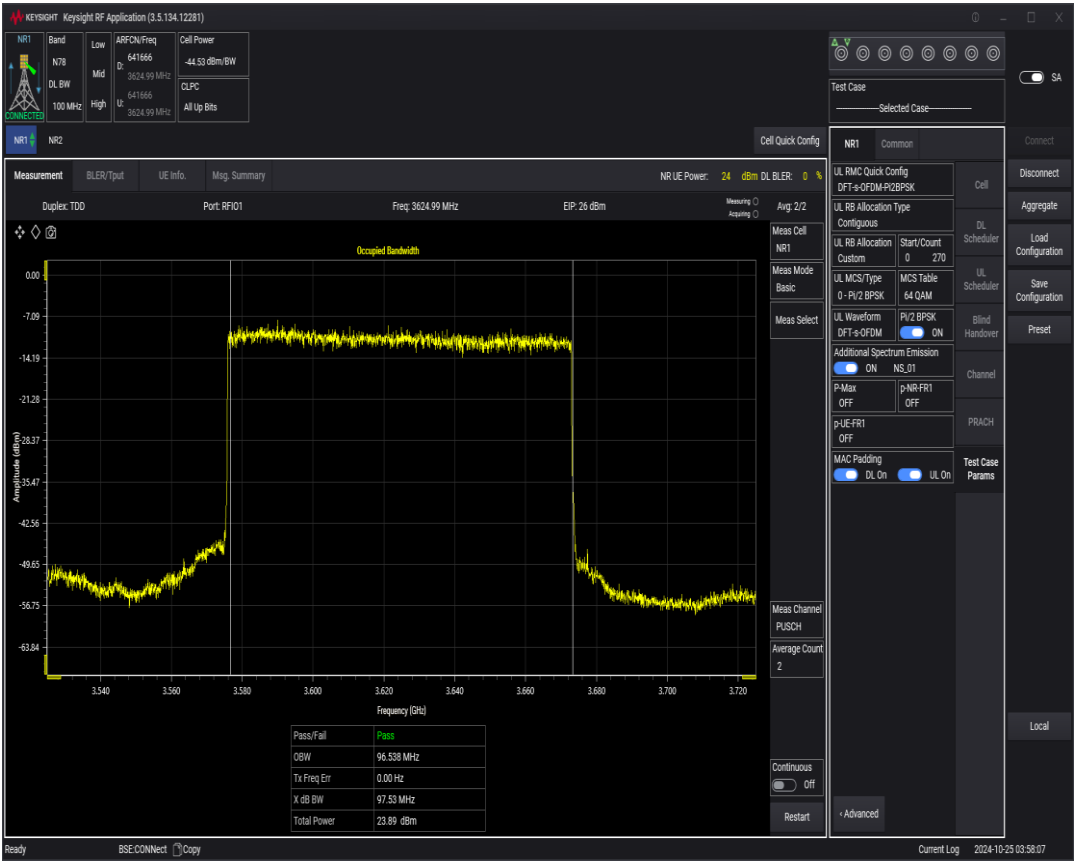
*n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=641666 RB=240@0*



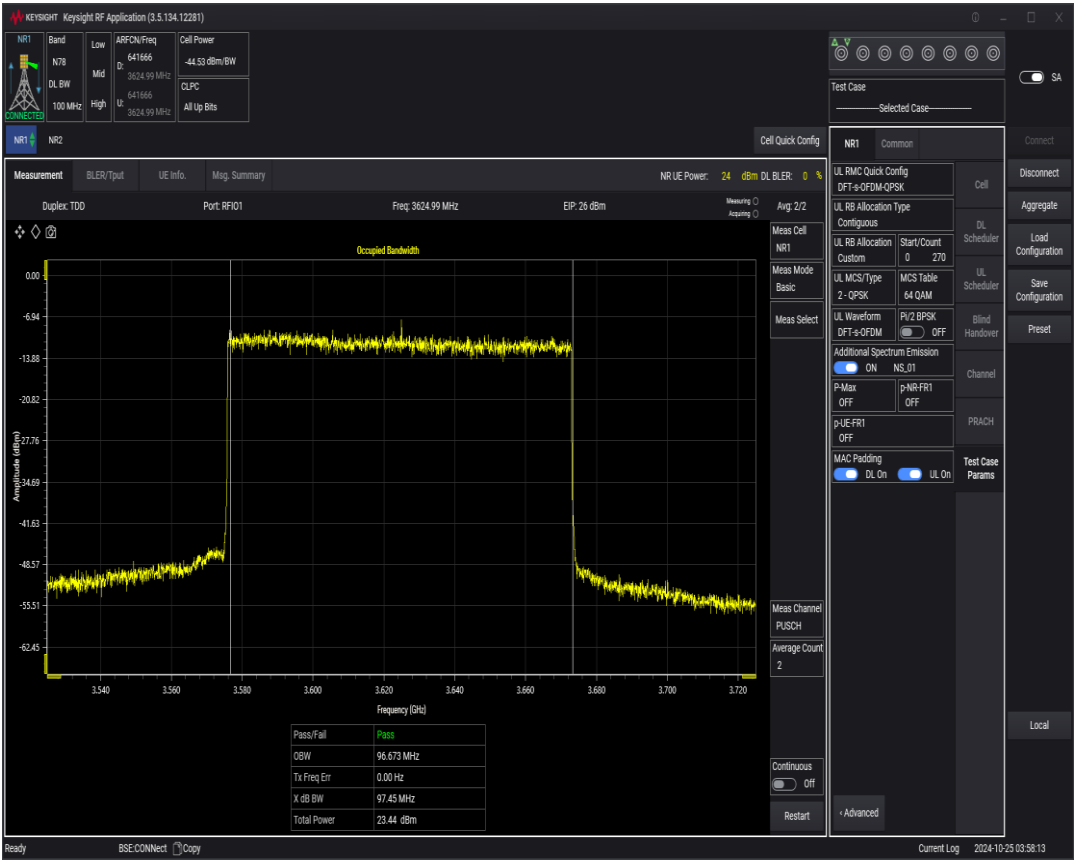
*n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=641666 RB=240@0*



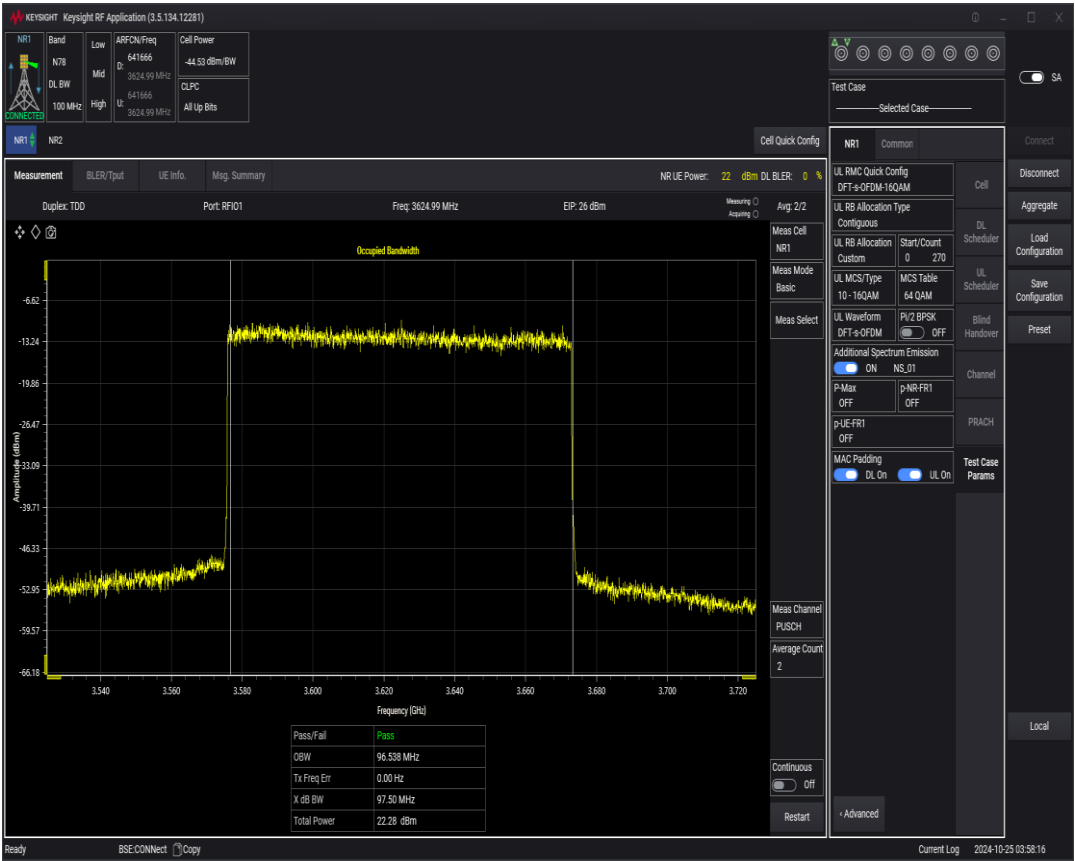
*n78(3550-3700) SCS=30kHz DFT\_BPSK BW=100MHz Channel=641666 RB=270@0*



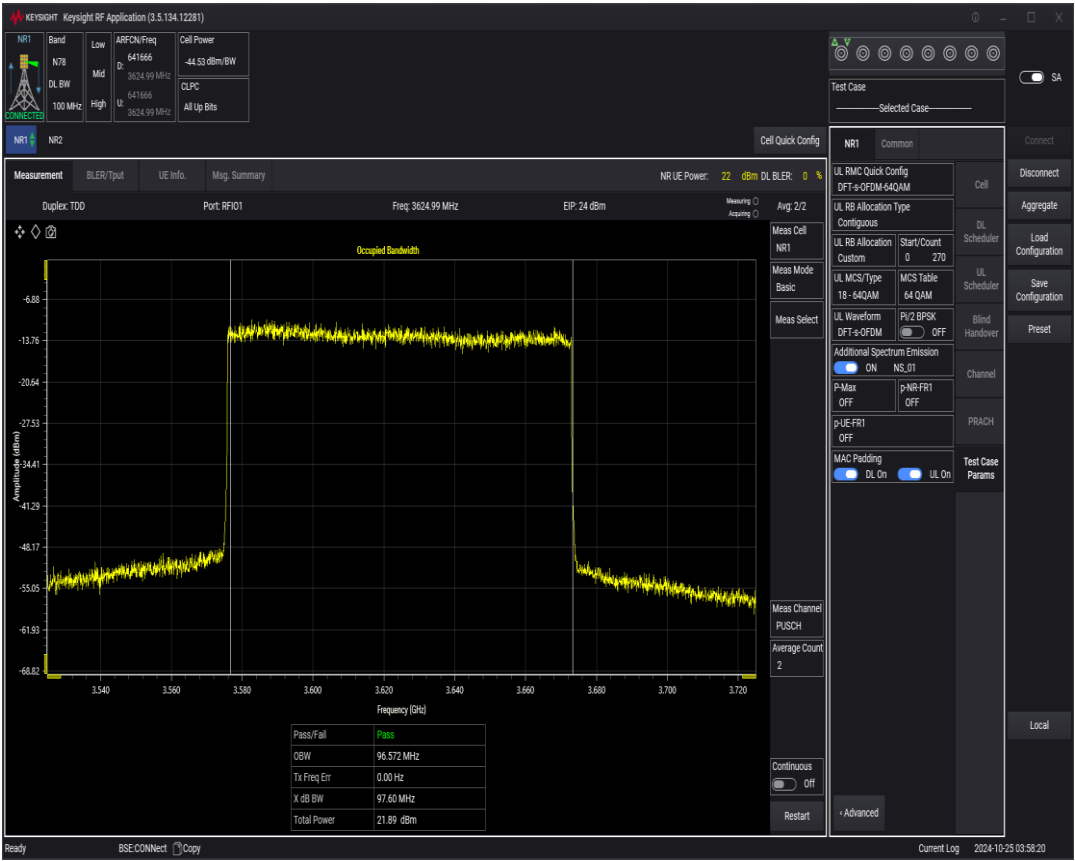
*n78(3550-3700) SCS=30kHz DFT\_QPSK BW=100MHz Channel=641666 RB=270@0*



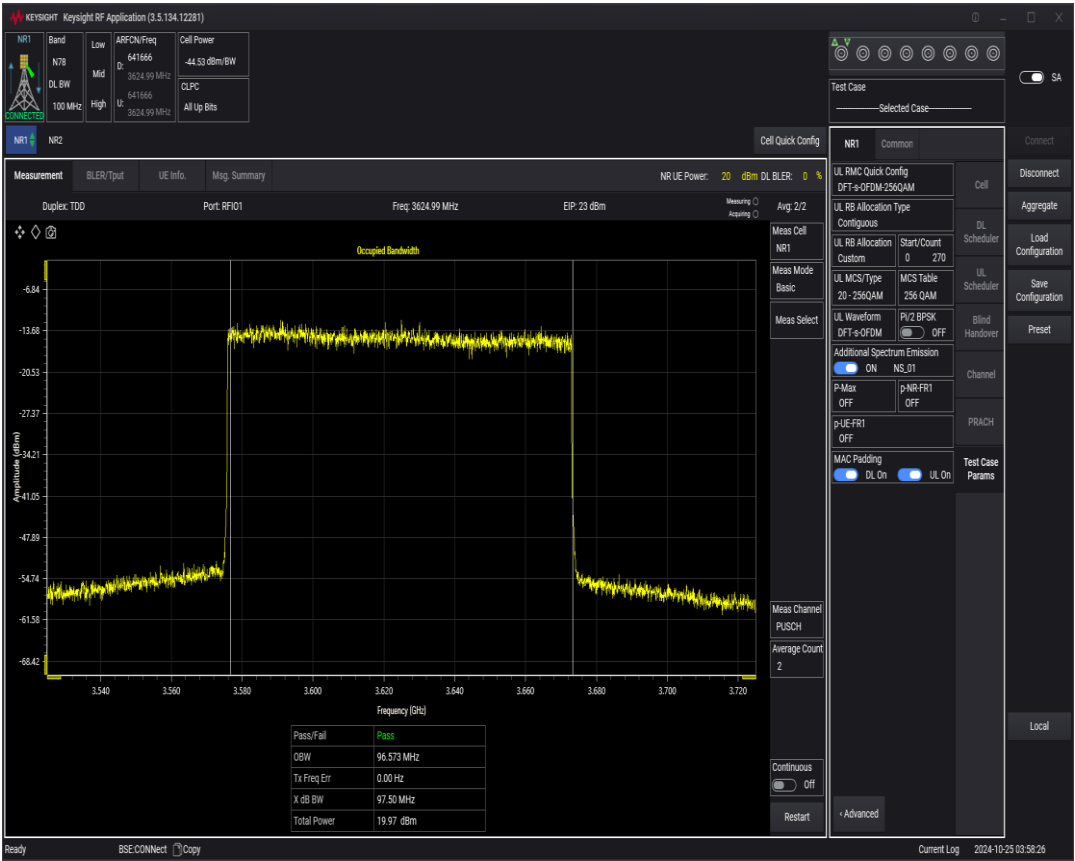
*n78(3550-3700) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=641666 RB=270@0*



*n78(3550-3700) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=641666 RB=270@0*



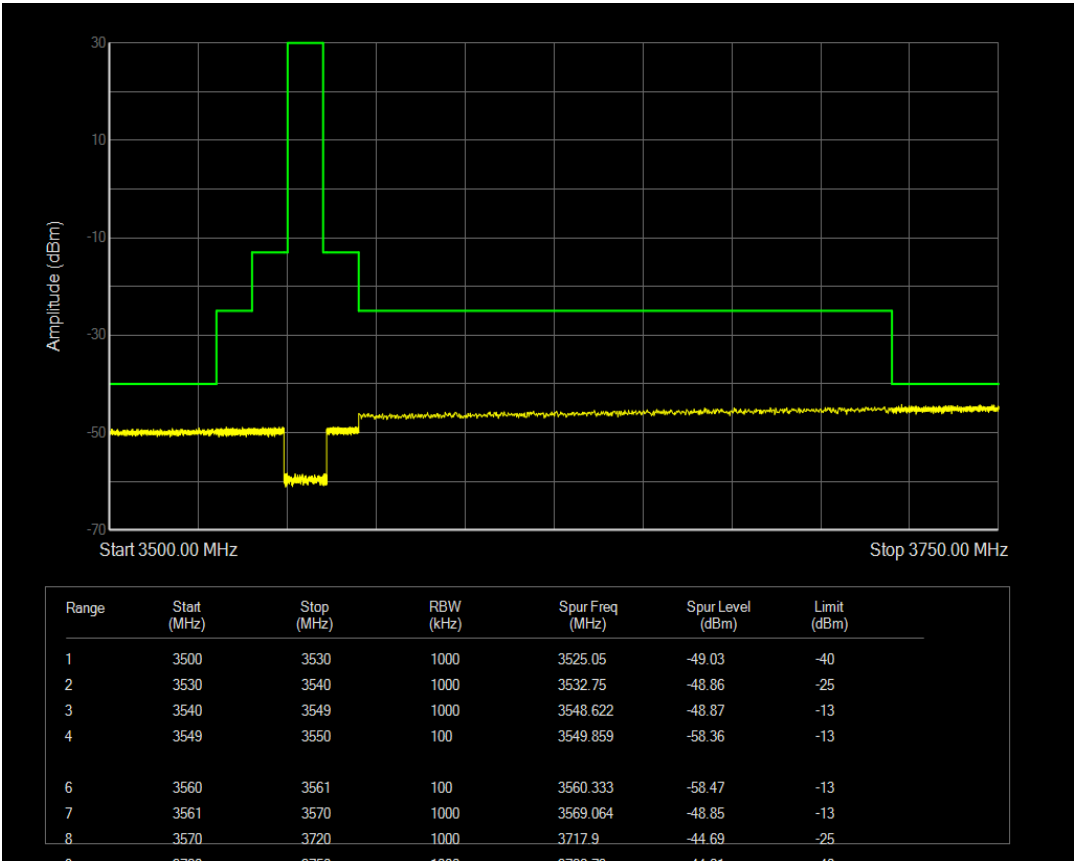
*n78(3550-3700) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=641666 RB=270@0*



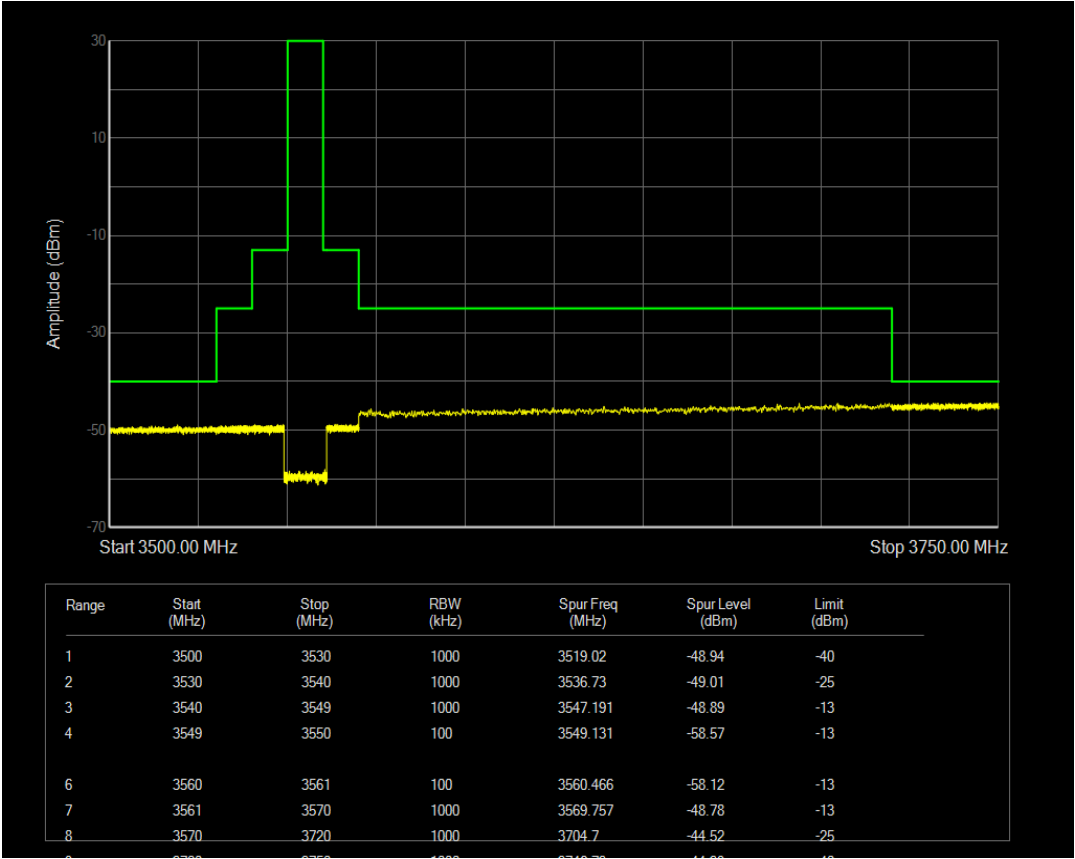
## 5 Band edge for NR FR1

| <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 Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|----------------------------|---------------------------------|------------------------|----------------|
| n78(3550-3700) | 30                   | 10                         | 637000                | 24@0                     | CP_QPSK           | 3746.73                    | -44.39                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 637000                | 1@0                      | CP_QPSK           | 3722.73                    | -44.21                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 637000                | 1@23                     | CP_QPSK           | 3736.11                    | -44.18                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 24@0                     | CP_QPSK           | 3748.86                    | -44.09                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 1@0                      | CP_QPSK           | 3746.28                    | -44.29                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 1@23                     | CP_QPSK           | 3745.68                    | -44.24                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 133@0                    | CP_QPSK           | 3746.10                    | -44.21                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 1@0                      | CP_QPSK           | 3749.76                    | -44.13                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 1@132                    | CP_QPSK           | 3738.36                    | -44.31                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 133@0                    | CP_QPSK           | 3723.03                    | -42.91                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 1@0                      | CP_QPSK           | 3746.04                    | -44.31                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 1@132                    | CP_QPSK           | 3722.37                    | -44.02                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 273@0                    | CP_QPSK           | 3737.70                    | -44.07                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 1@0                      | CP_QPSK           | 3724.08                    | -44.17                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 1@272                    | CP_QPSK           | 3746.97                    | -44.10                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 273@0                    | CP_QPSK           | 3724.59                    | -43.55                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 1@0                      | CP_QPSK           | 3747.00                    | -44.34                          | -40                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 1@272                    | CP_QPSK           | 3747.72                    | -44.05                          | -40                    | PASS           |

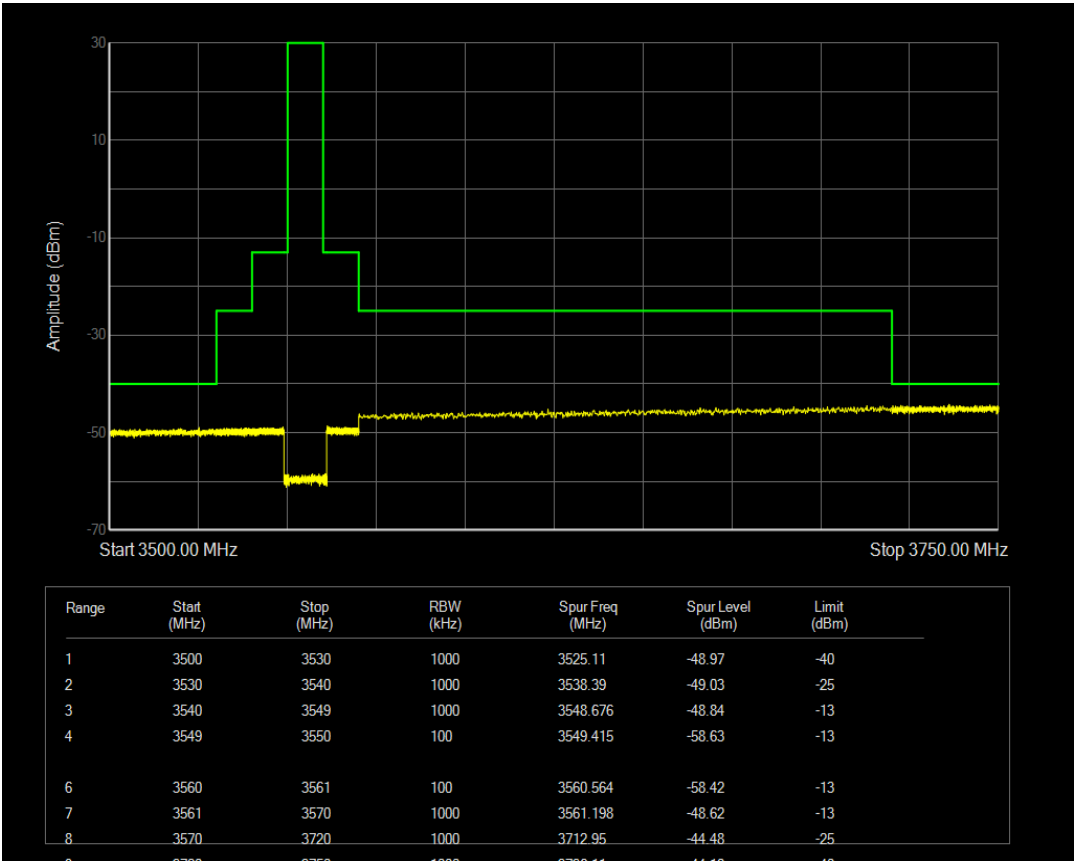
***n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=1@0***



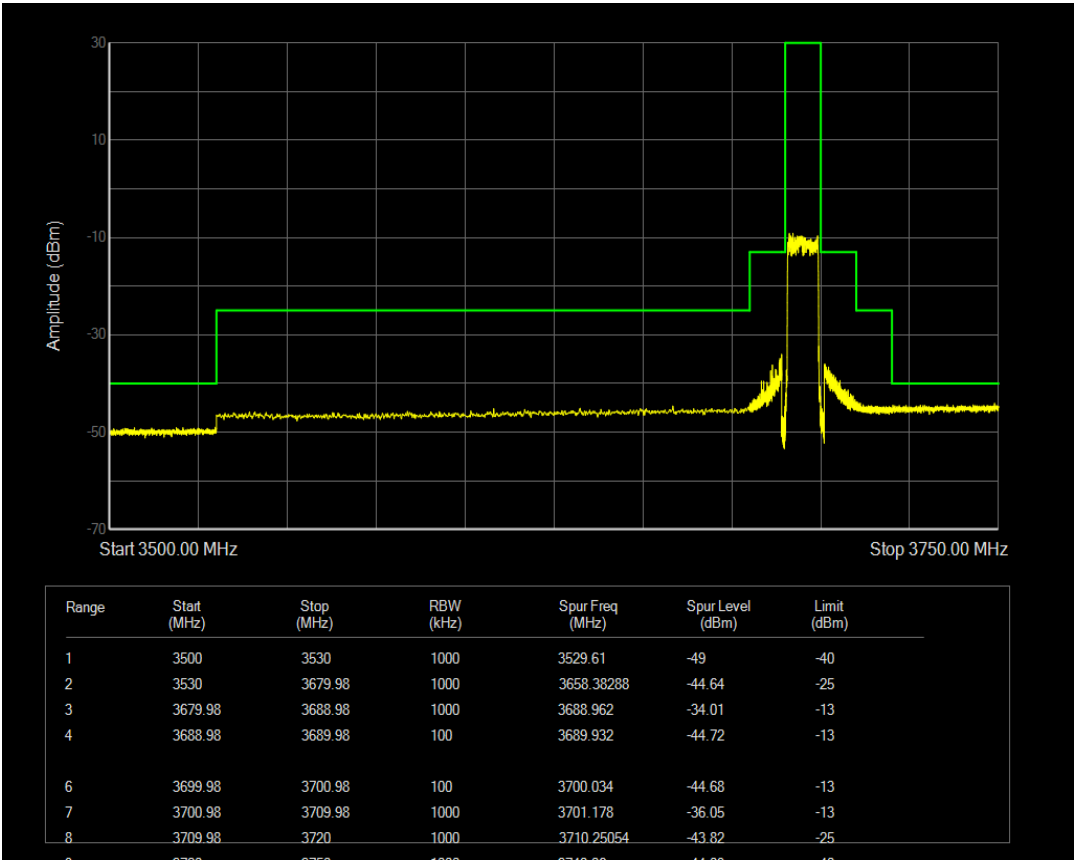
n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=24@0



n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=1@23



n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=24@0



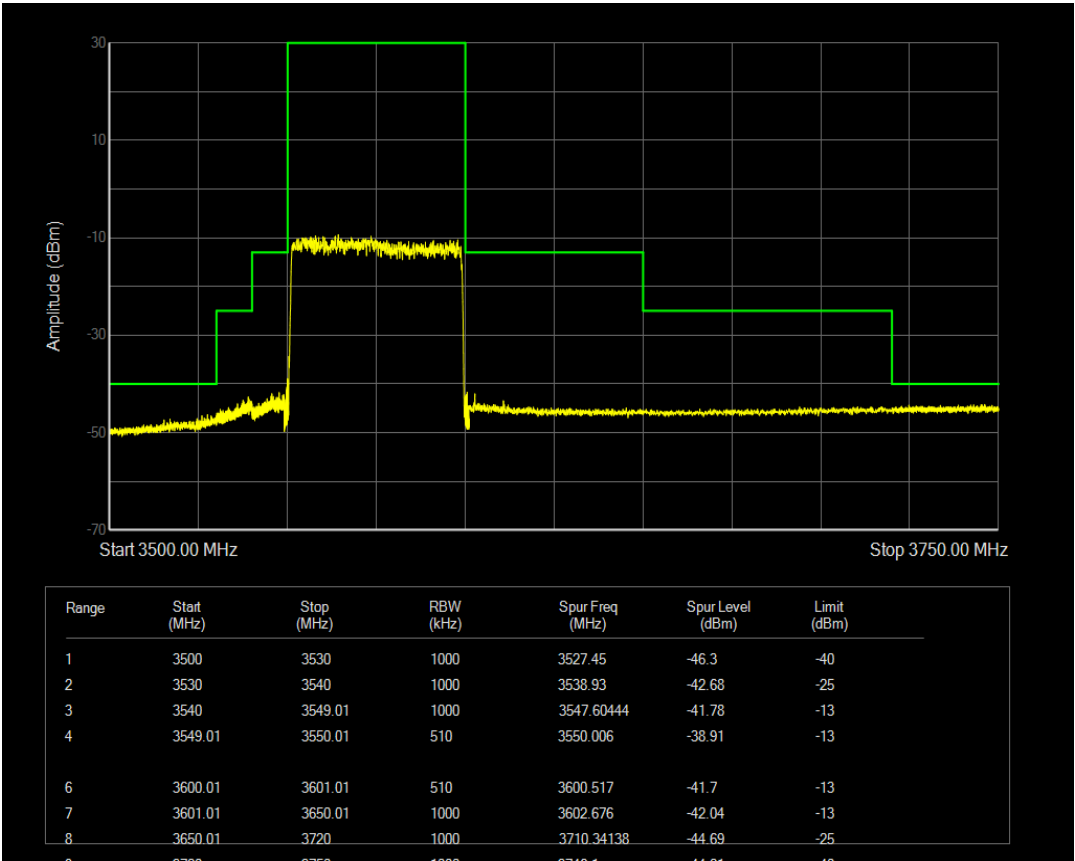
n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=1@0



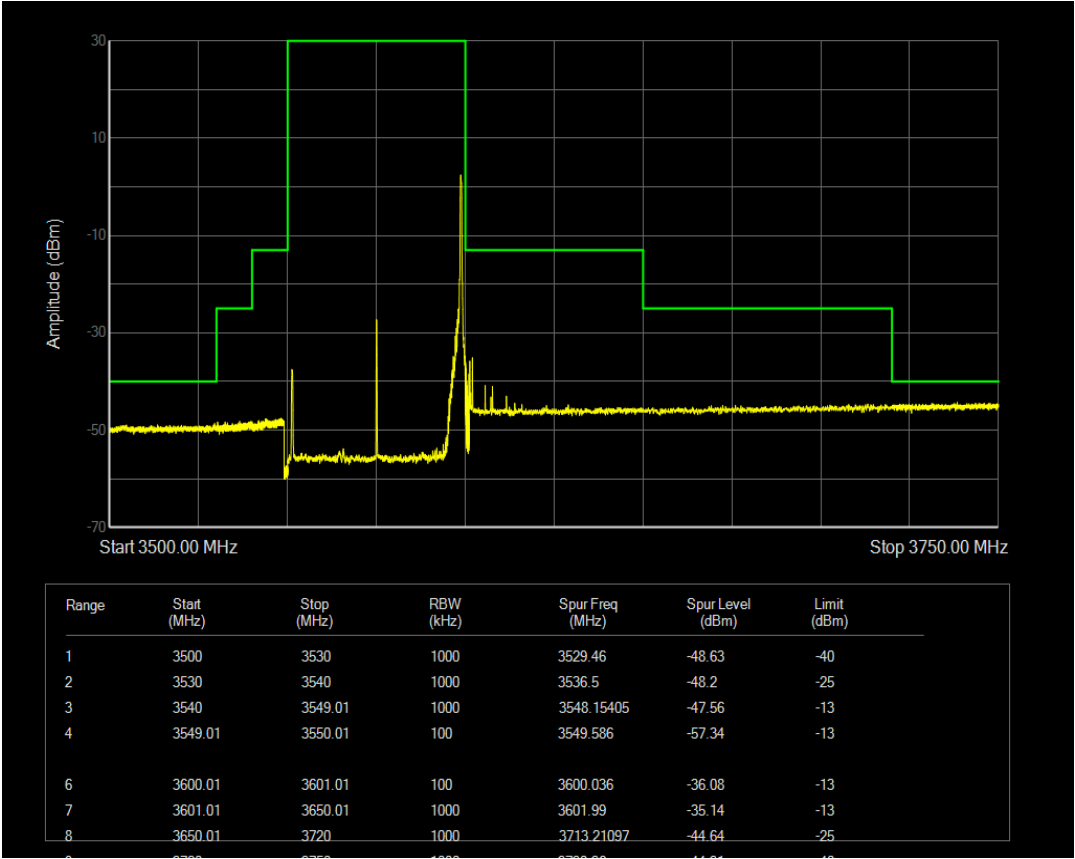
***n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=1@23***



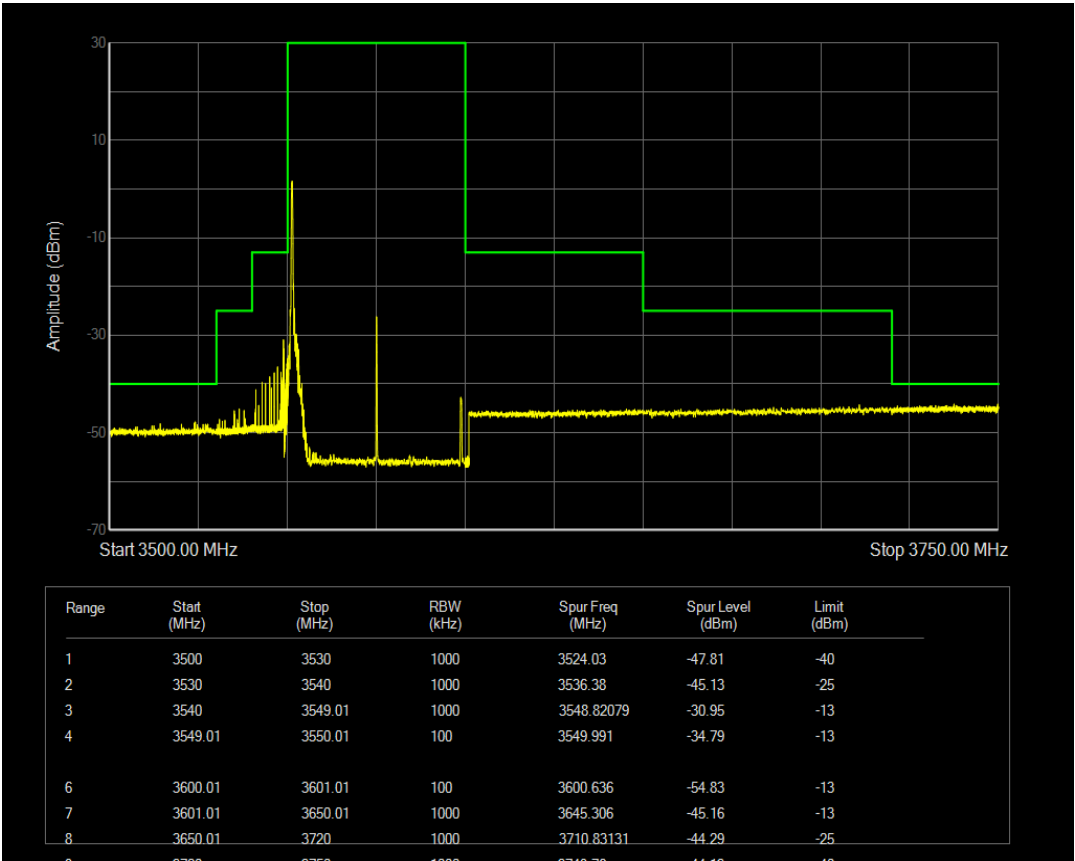
***n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=133@0***



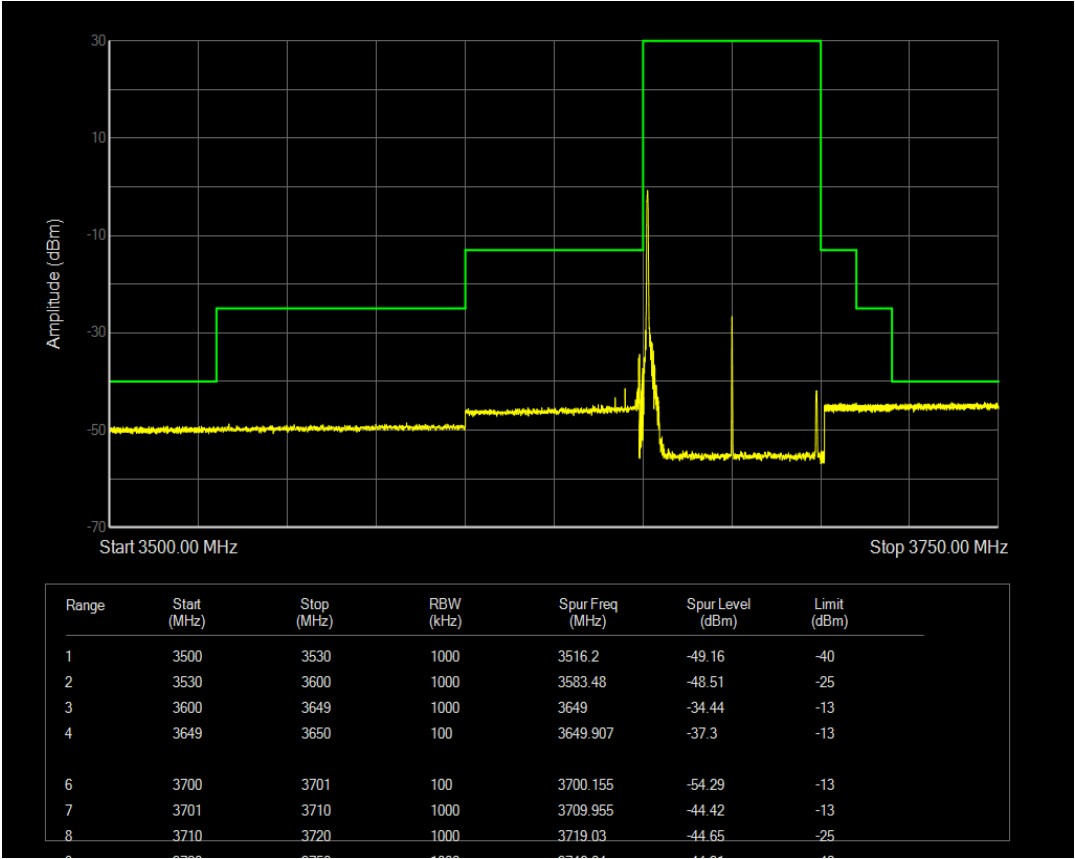
n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=1@132



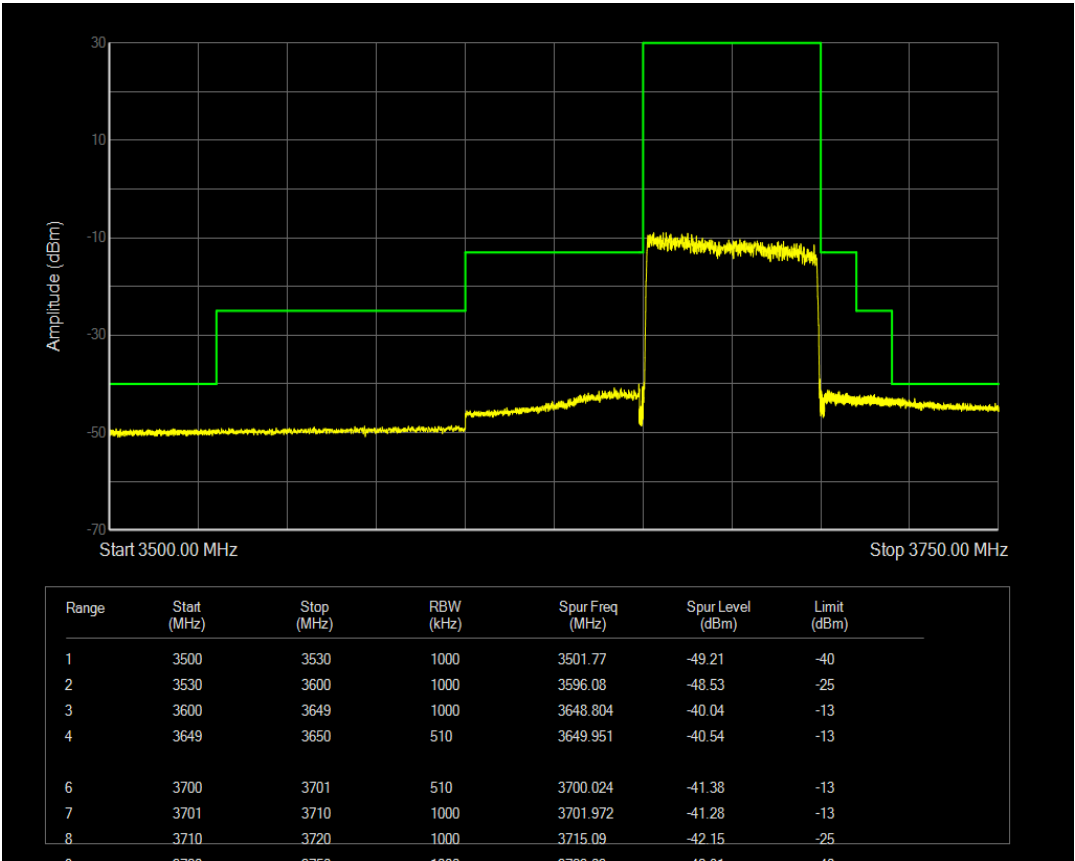
n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=1@0



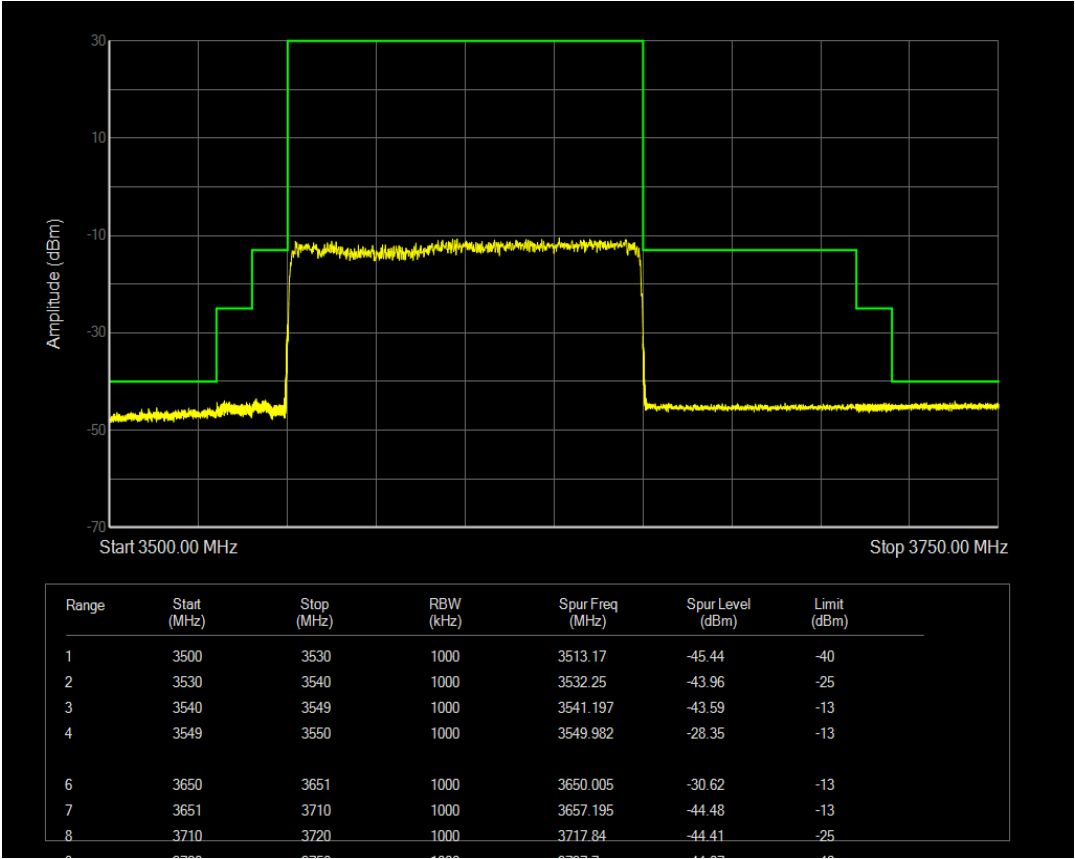
n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=1@0



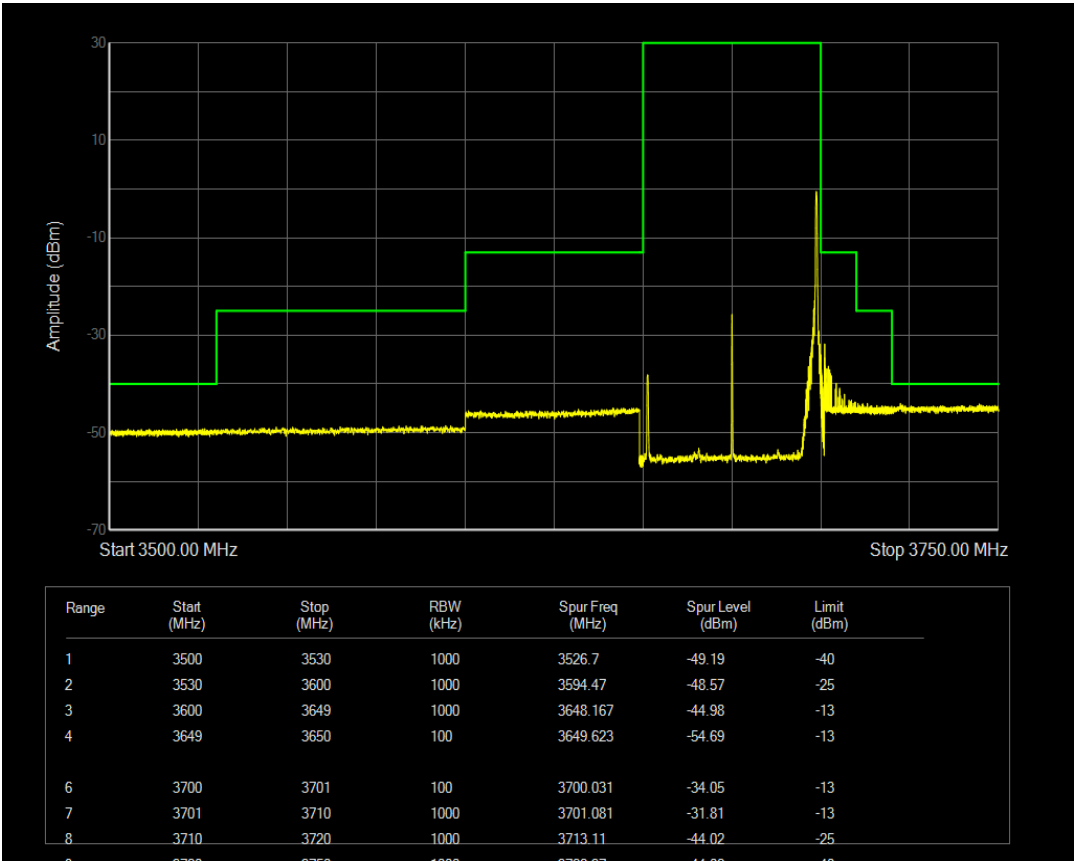
n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=133@0



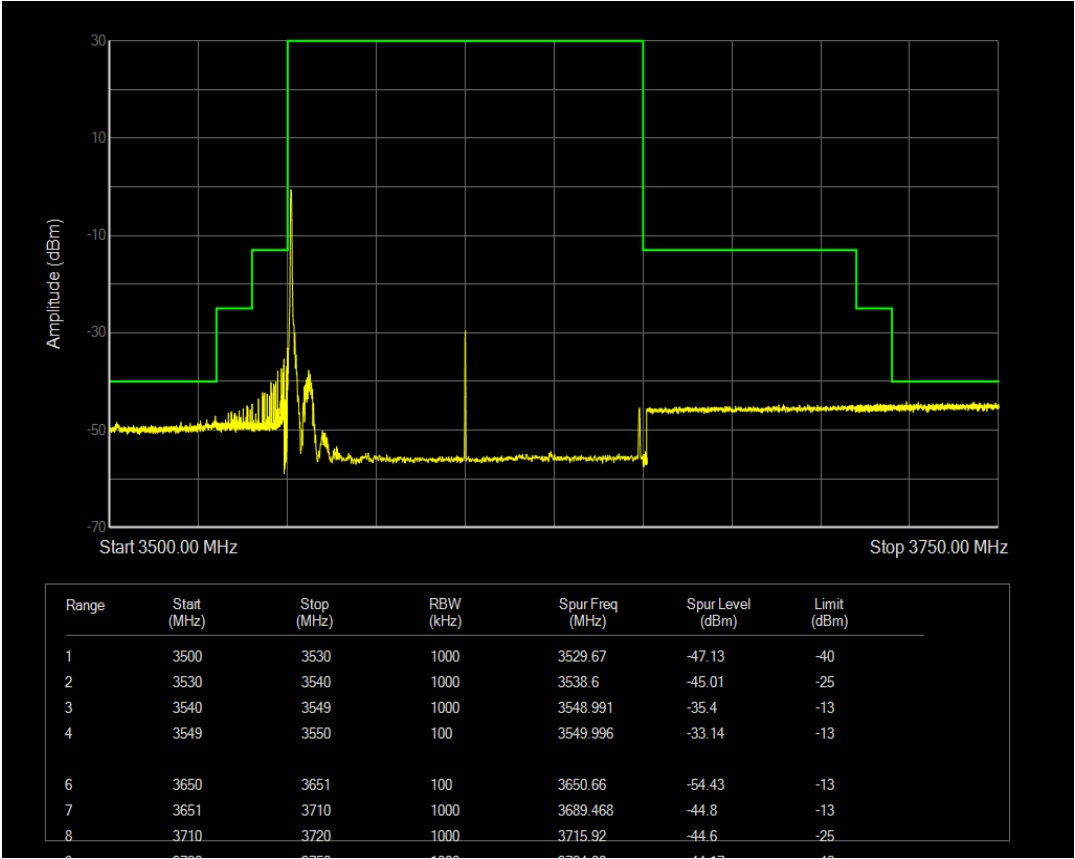
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=273@0*



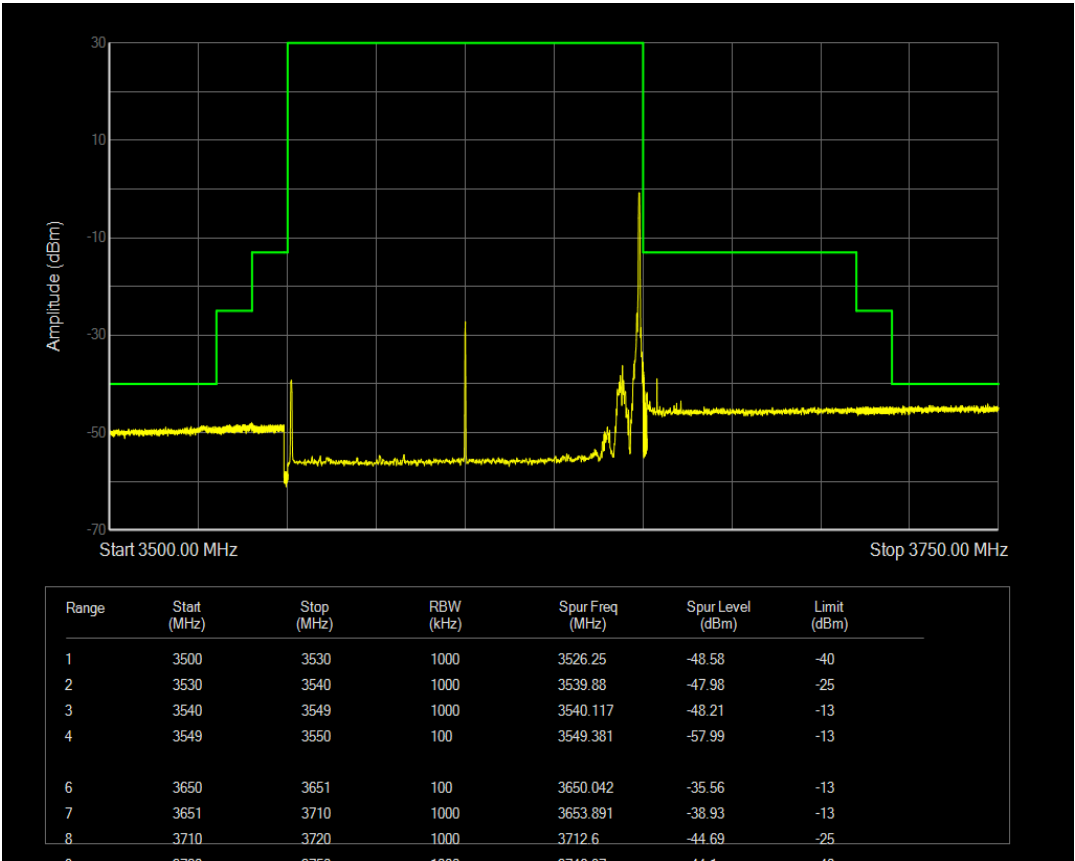
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=1@132*



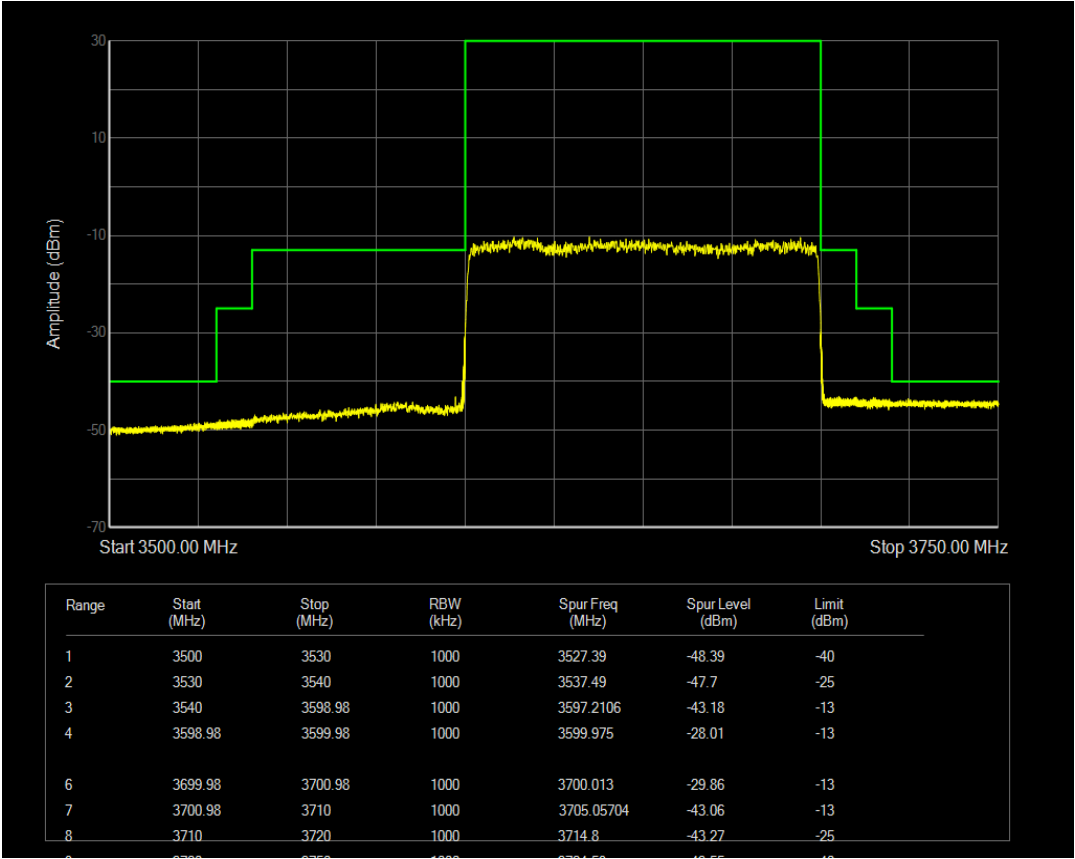
n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=1@0



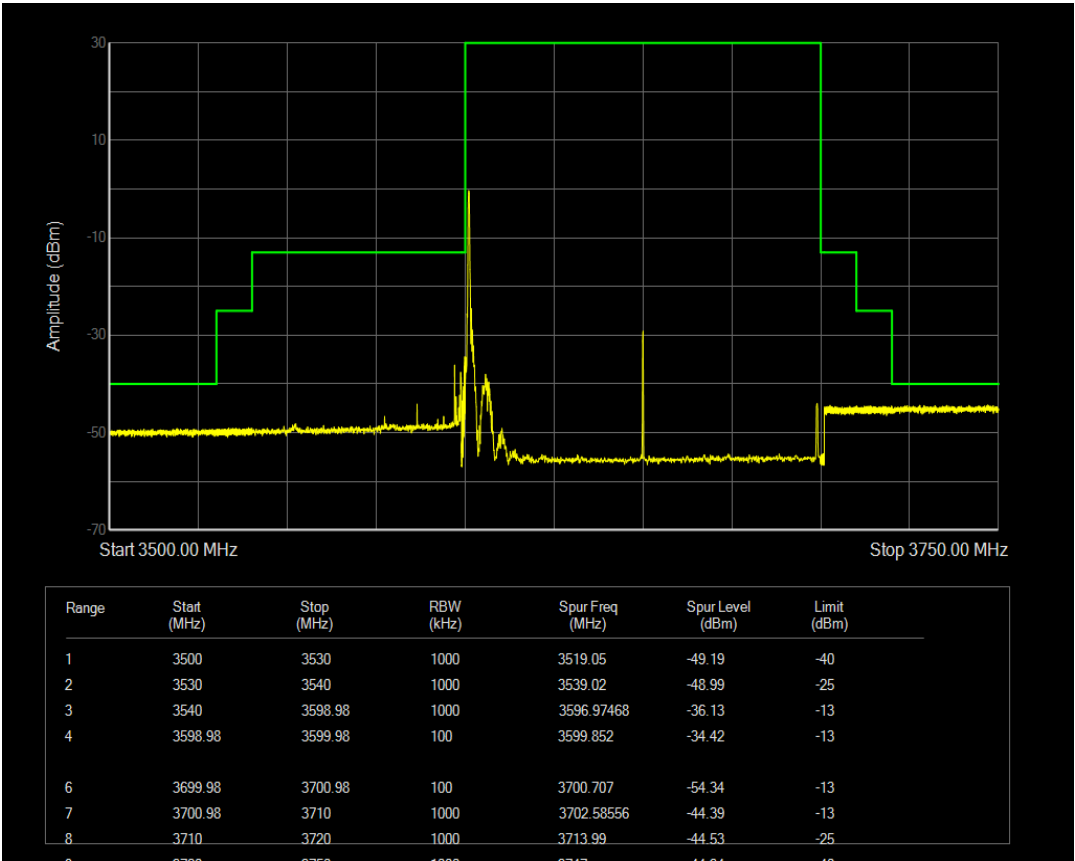
n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=1@272



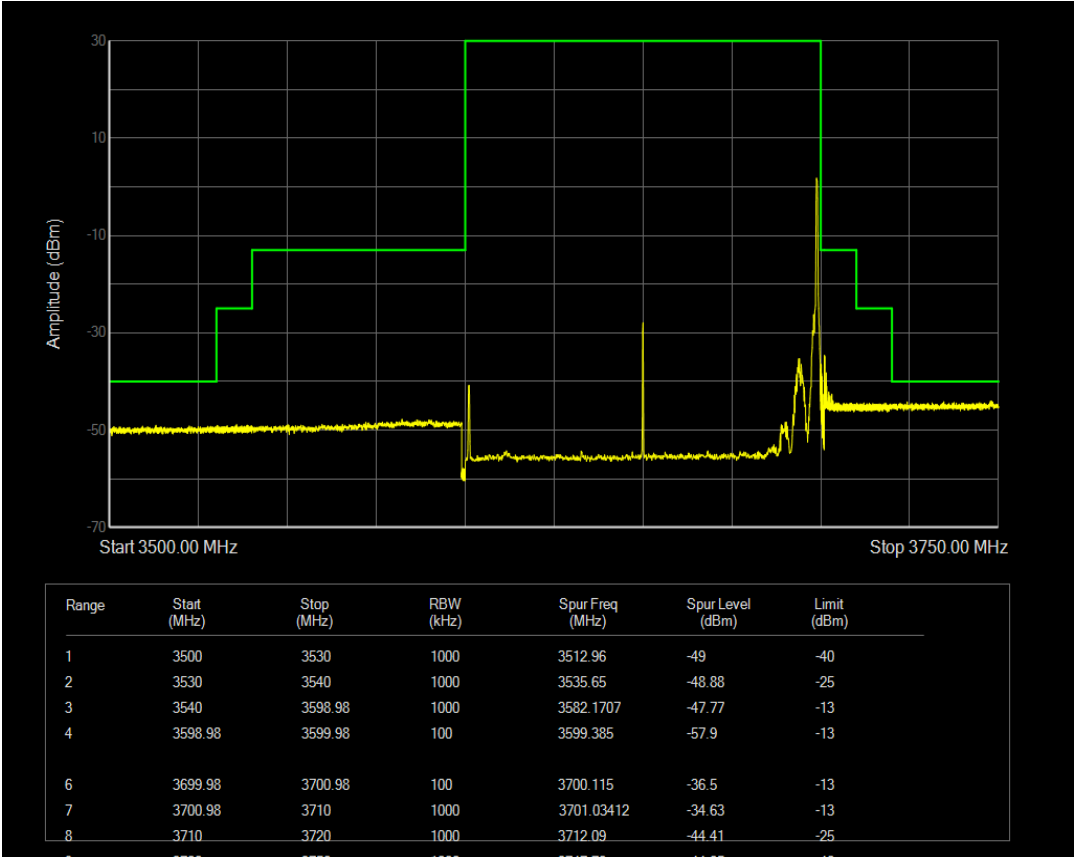
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=643332 RB=273@0*



*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=643332 RB=1@0*



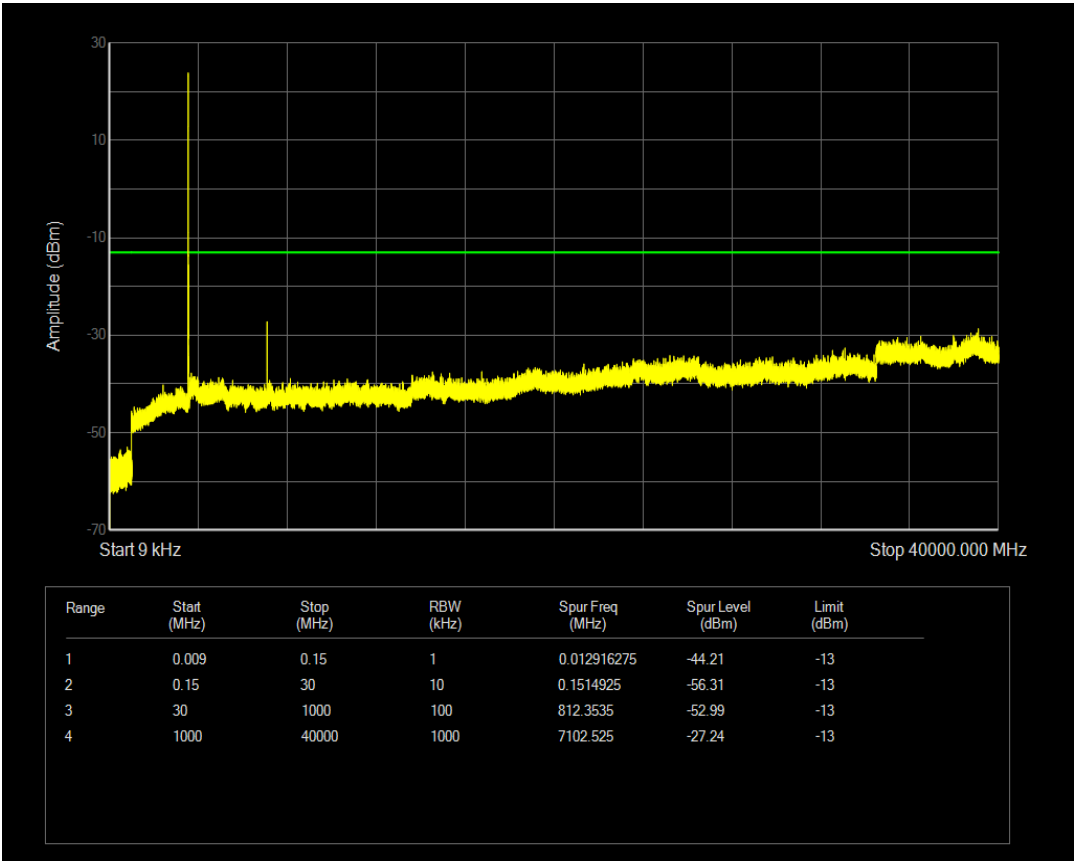
n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=643332 RB=1@272



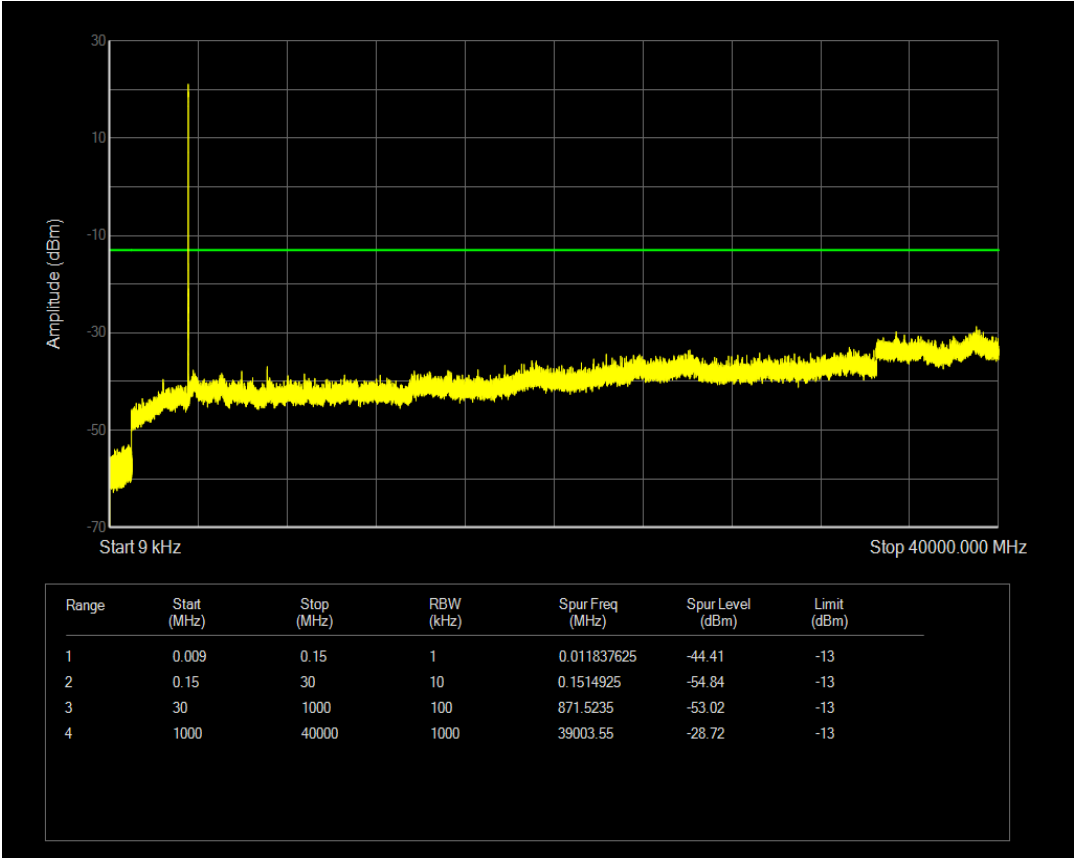
## 6 Out-of-band emissions for NR FR1

| <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 Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|----------------------------|---------------------------------|------------------------|----------------|
| n78(3550-3700) | 30                   | 10                         | 637000                | 24@0                     | CP_QPSK           | 39003.55                   | -28.72                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 637000                | 1@0                      | CP_QPSK           | 7102.53                    | -27.24                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 637000                | 1@23                     | CP_QPSK           | 38763.70                   | -29.47                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 24@0                     | CP_QPSK           | 38905.08                   | -27.91                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 1@0                      | CP_QPSK           | 39096.18                   | -29.57                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 10                         | 646332                | 1@23                     | CP_QPSK           | 38989.90                   | -29.46                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 133@0                    | CP_QPSK           | 36698.65                   | -28.94                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 1@0                      | CP_QPSK           | 38891.43                   | -28.49                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 638334                | 1@132                    | CP_QPSK           | 38862.18                   | -29.50                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 133@0                    | CP_QPSK           | 39388.68                   | -28.94                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 1@0                      | CP_QPSK           | 34587.78                   | -28.91                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 50                         | 645000                | 1@132                    | CP_QPSK           | 39002.58                   | -29.18                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 273@0                    | CP_QPSK           | 34742.80                   | -29.64                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 1@0                      | CP_QPSK           | 38894.35                   | -29.37                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 640000                | 1@272                    | CP_QPSK           | 35485.75                   | -29.58                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 273@0                    | CP_QPSK           | 38954.80                   | -28.94                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 1@0                      | CP_QPSK           | 39565.15                   | -28.38                          | -13                    | PASS           |
| n78(3550-3700) | 30                   | 100                        | 643332                | 1@272                    | CP_QPSK           | 36615.78                   | -29.12                          | -13                    | PASS           |

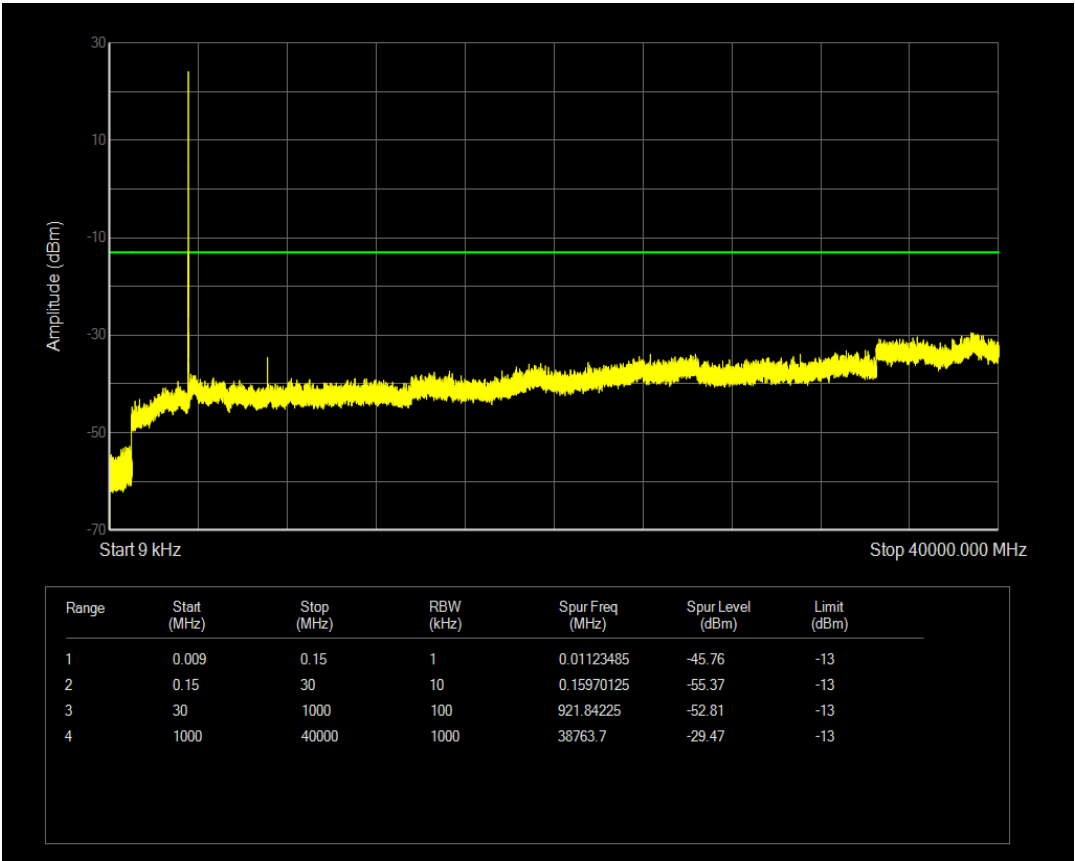
***n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=1@0***



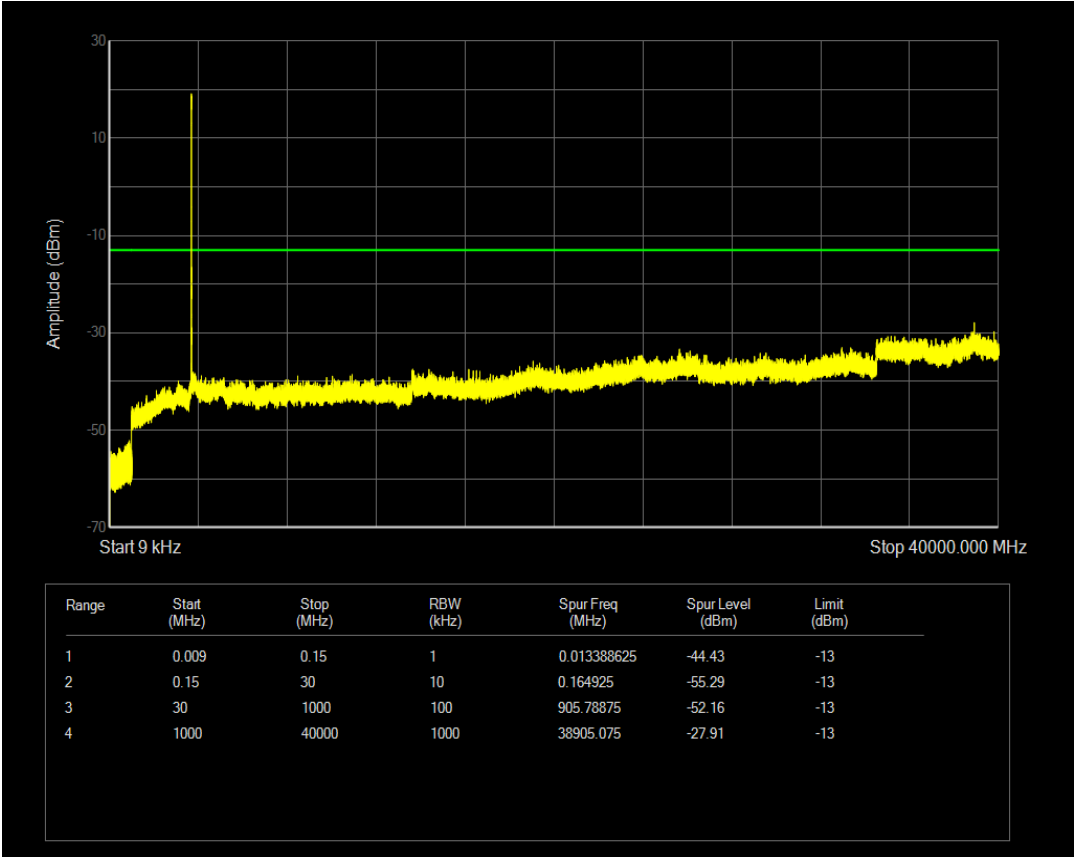
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=24@0*



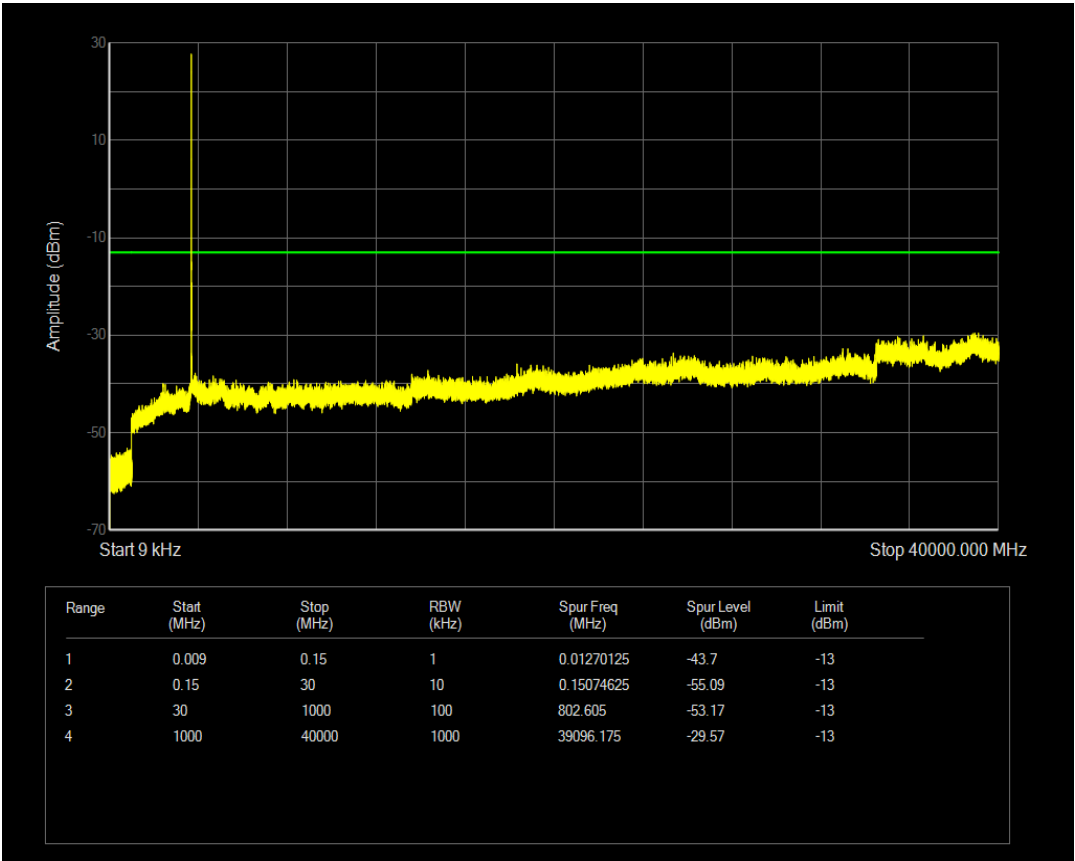
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=637000 RB=1@23*



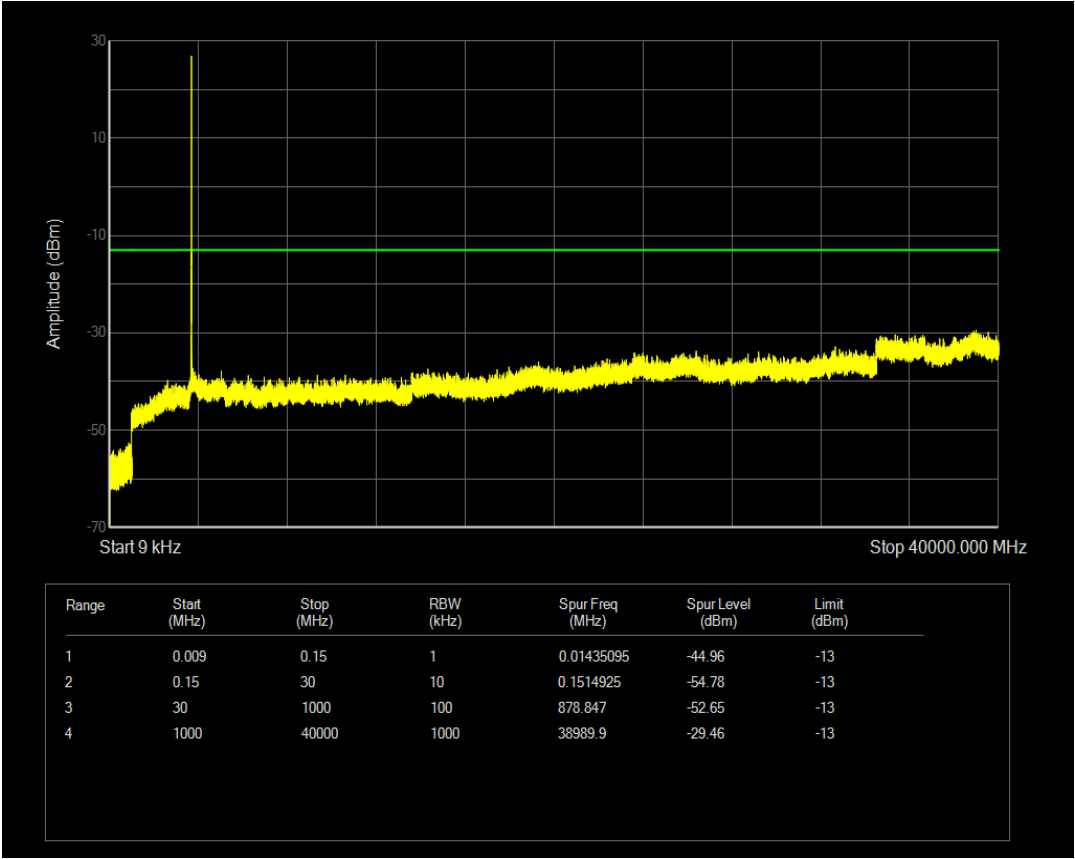
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=24@0*



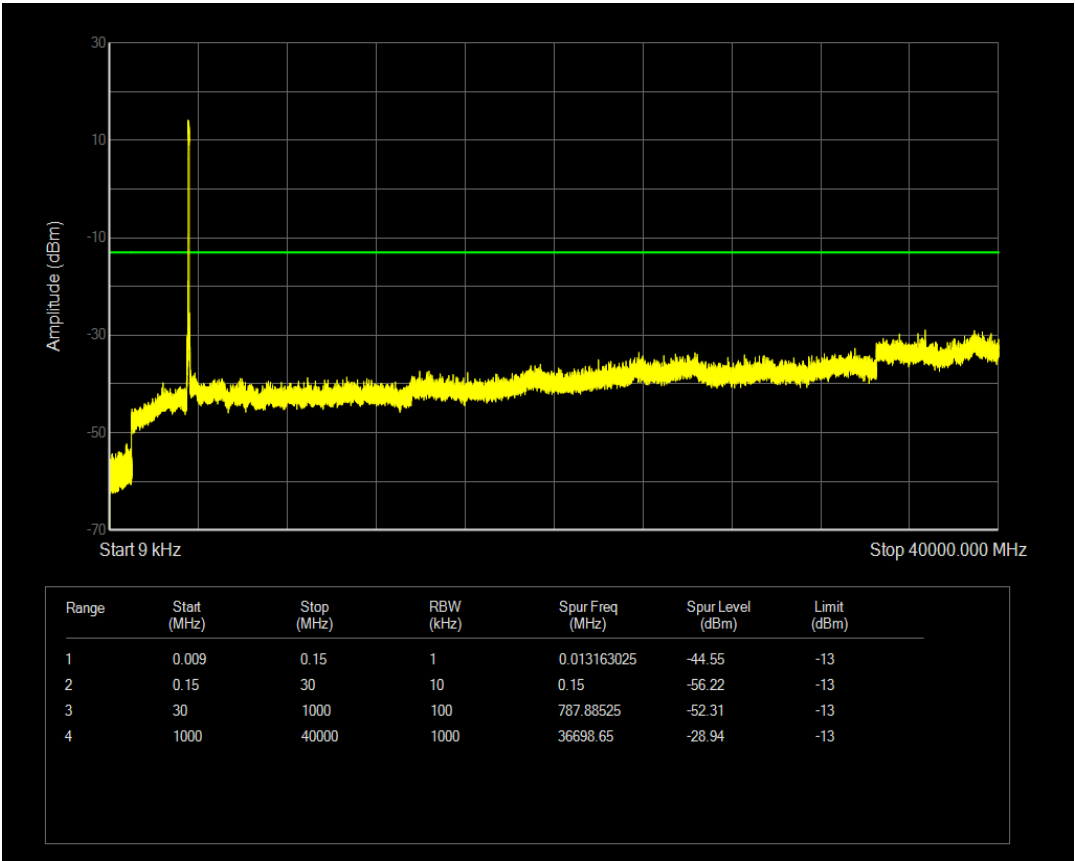
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=1@0*



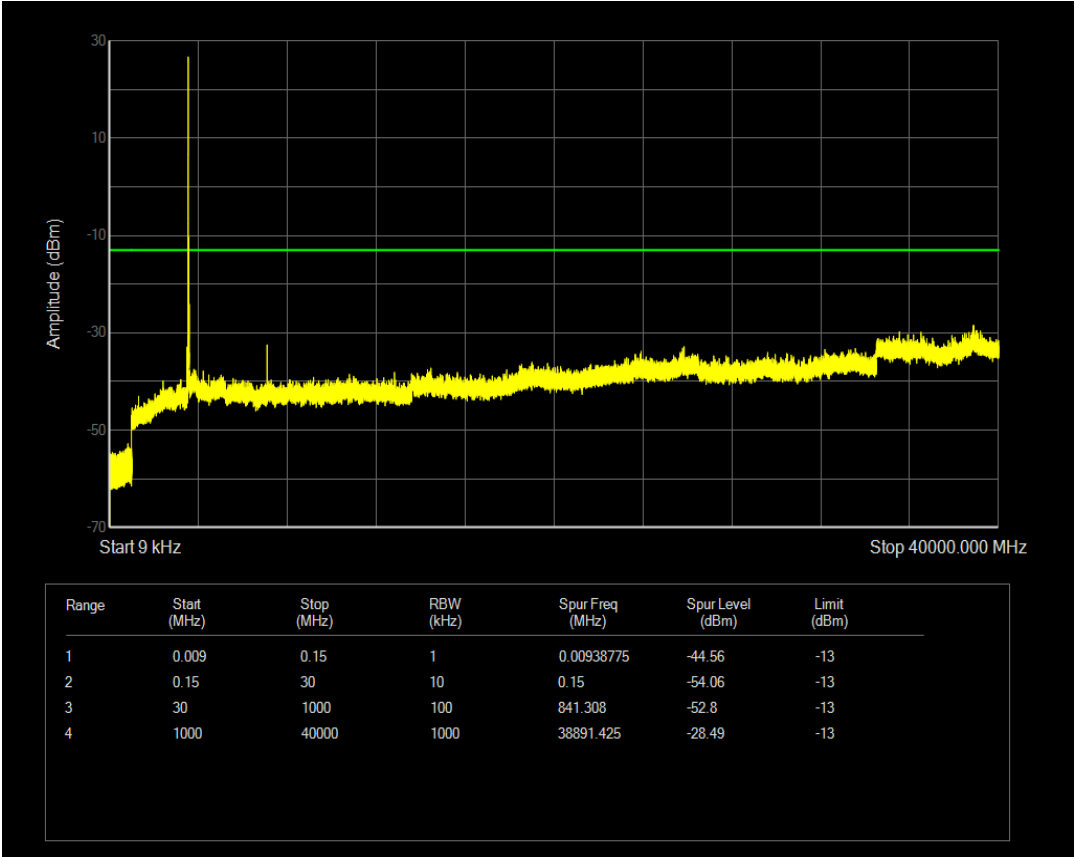
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=10MHz Channel=646332 RB=1@23*



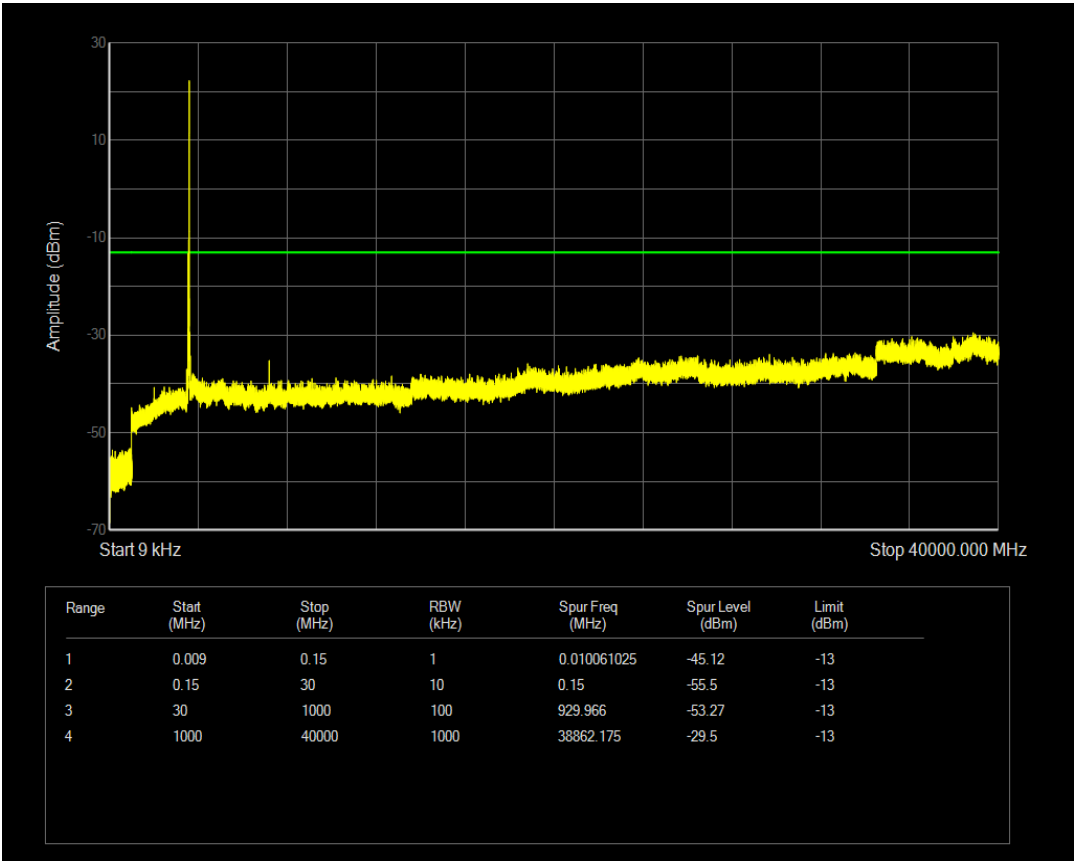
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=133@0*



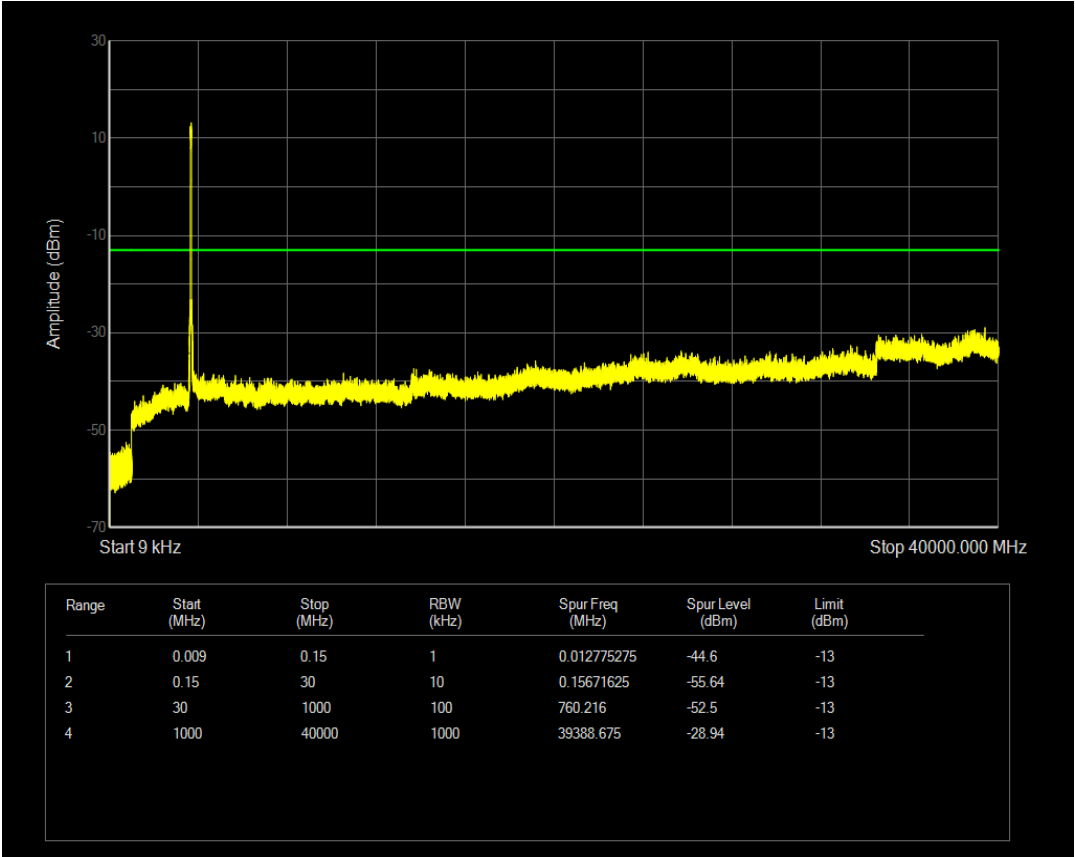
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=1@0*



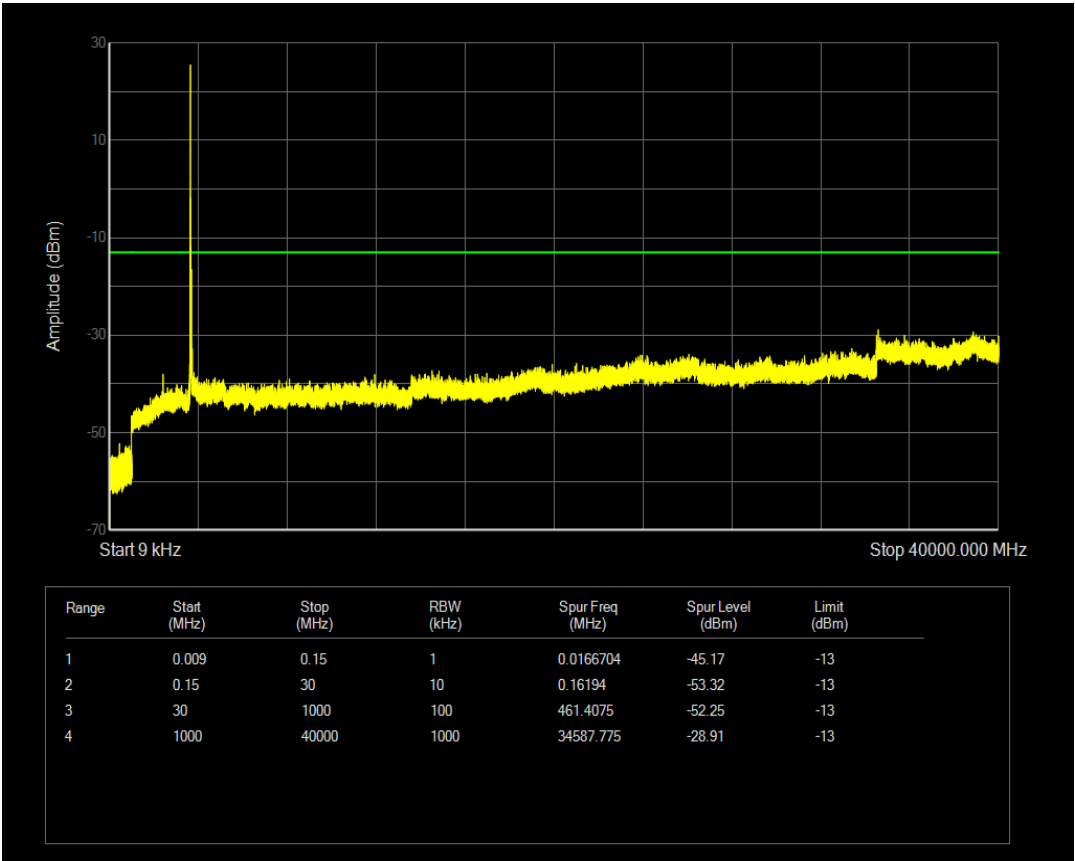
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=638334 RB=1@132*



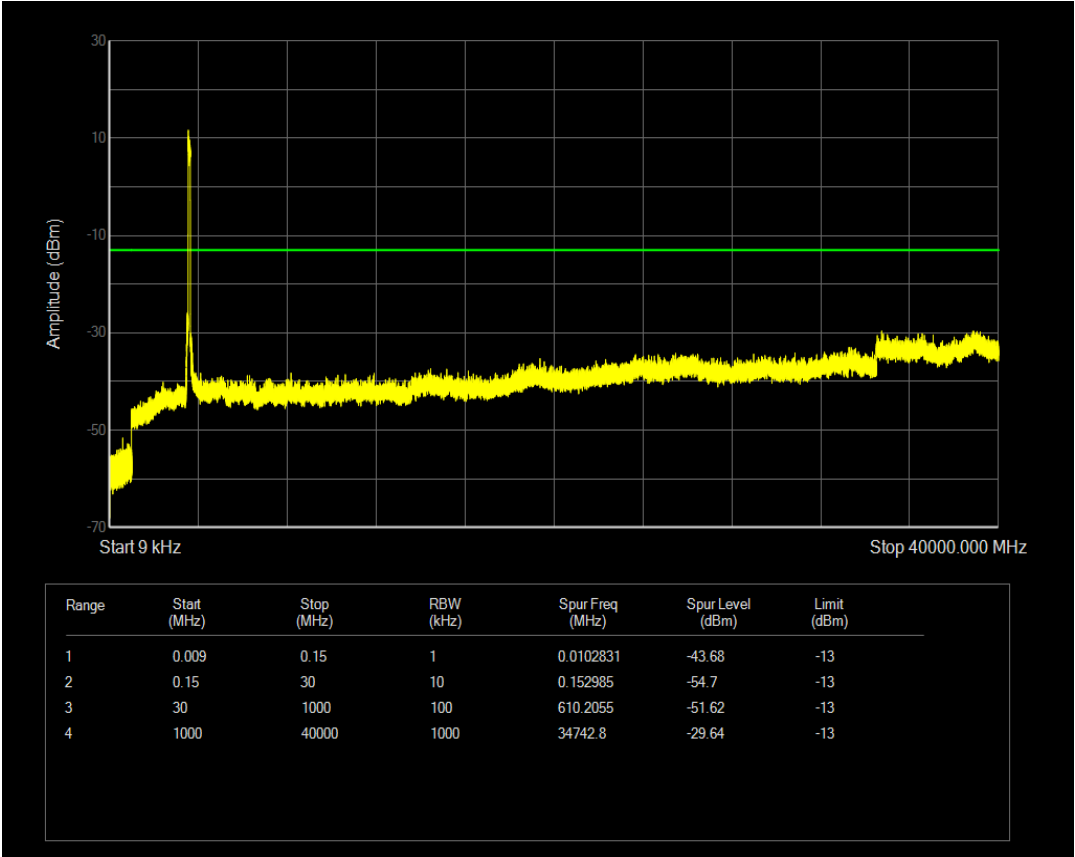
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=133@0*



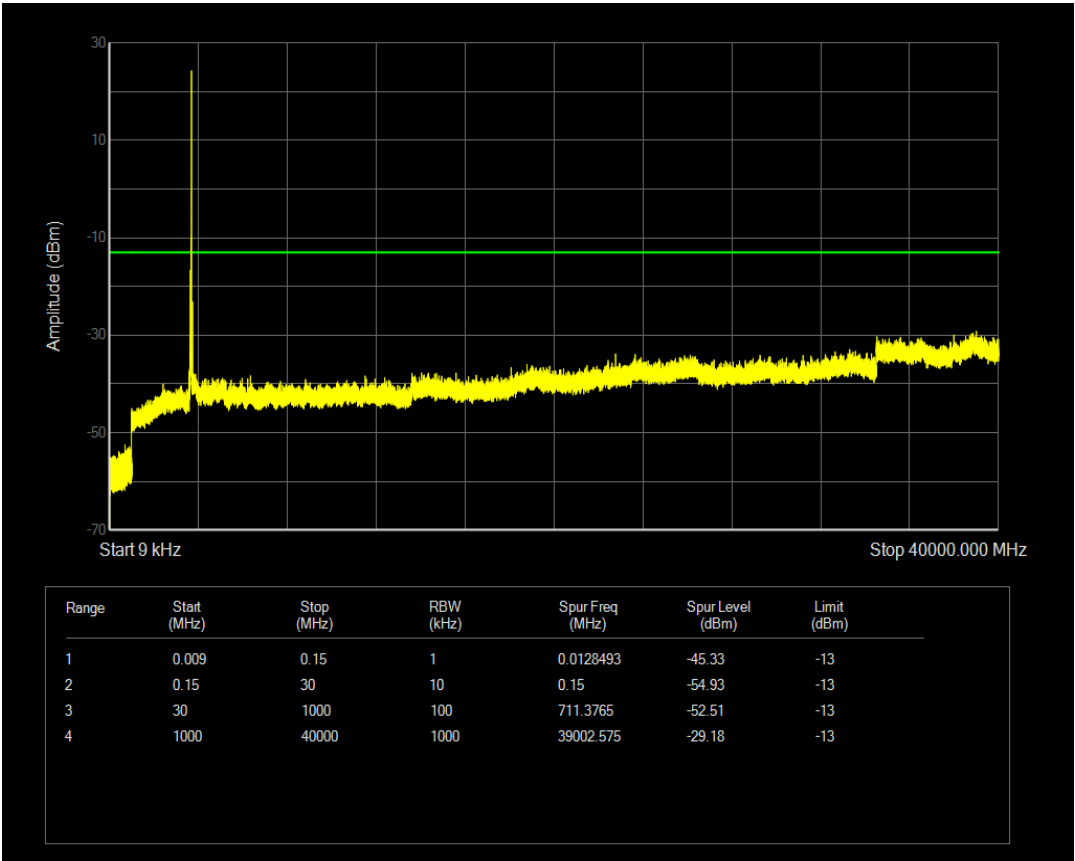
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=1@0*



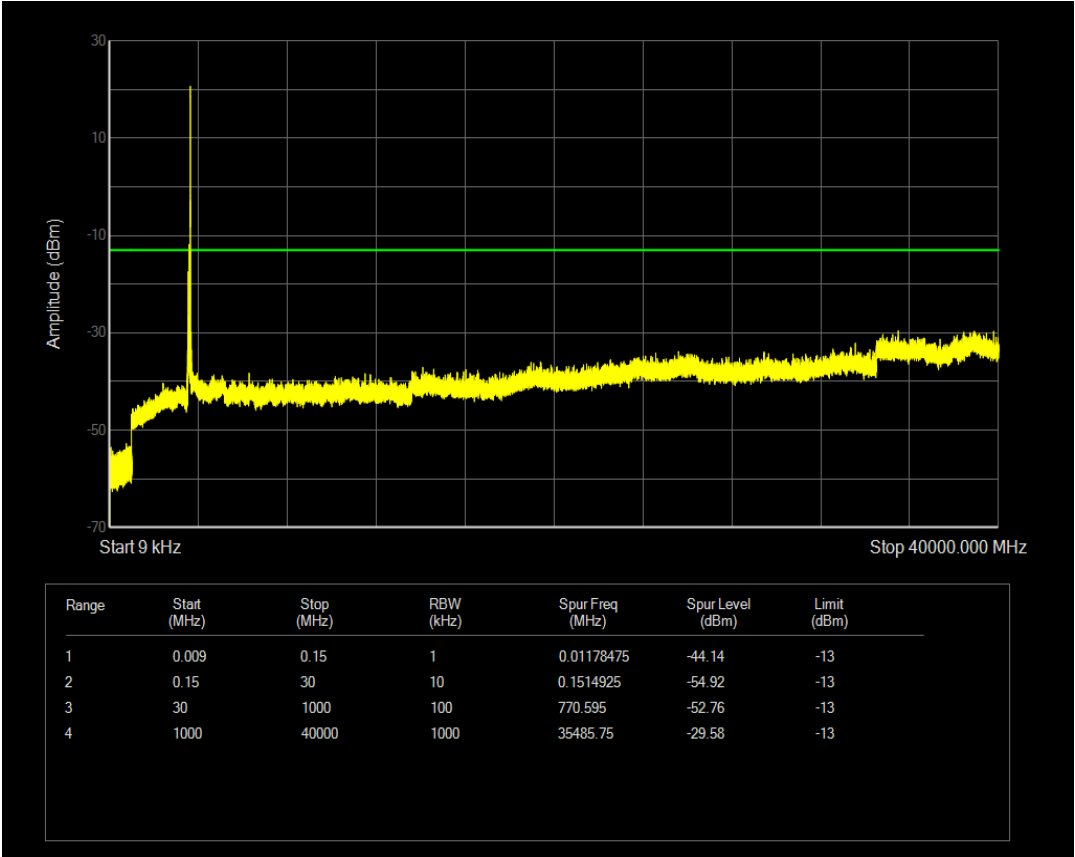
*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=273@0*



*n78(3550-3700) SCS=30kHz CP\_QPSK BW=50MHz Channel=645000 RB=1@132*



*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=1@272*



*n78(3550-3700) SCS=30kHz CP\_QPSK BW=100MHz Channel=640000 RB=1@0*