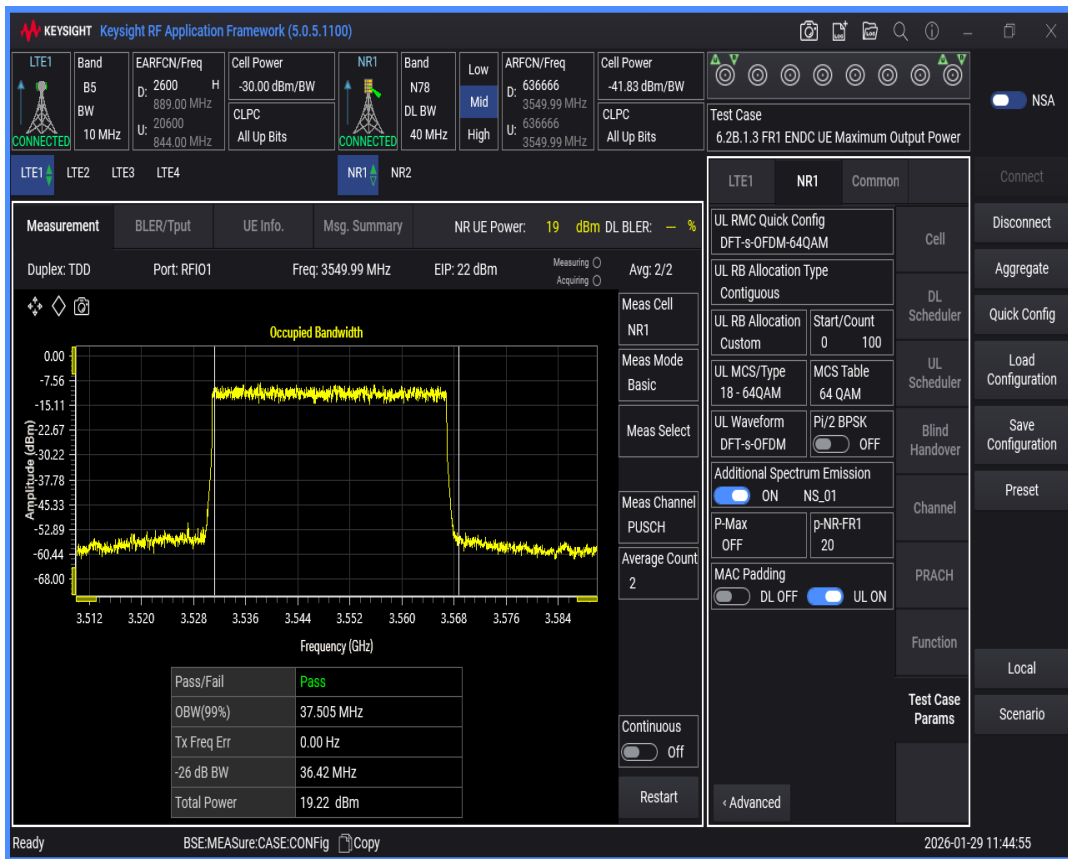
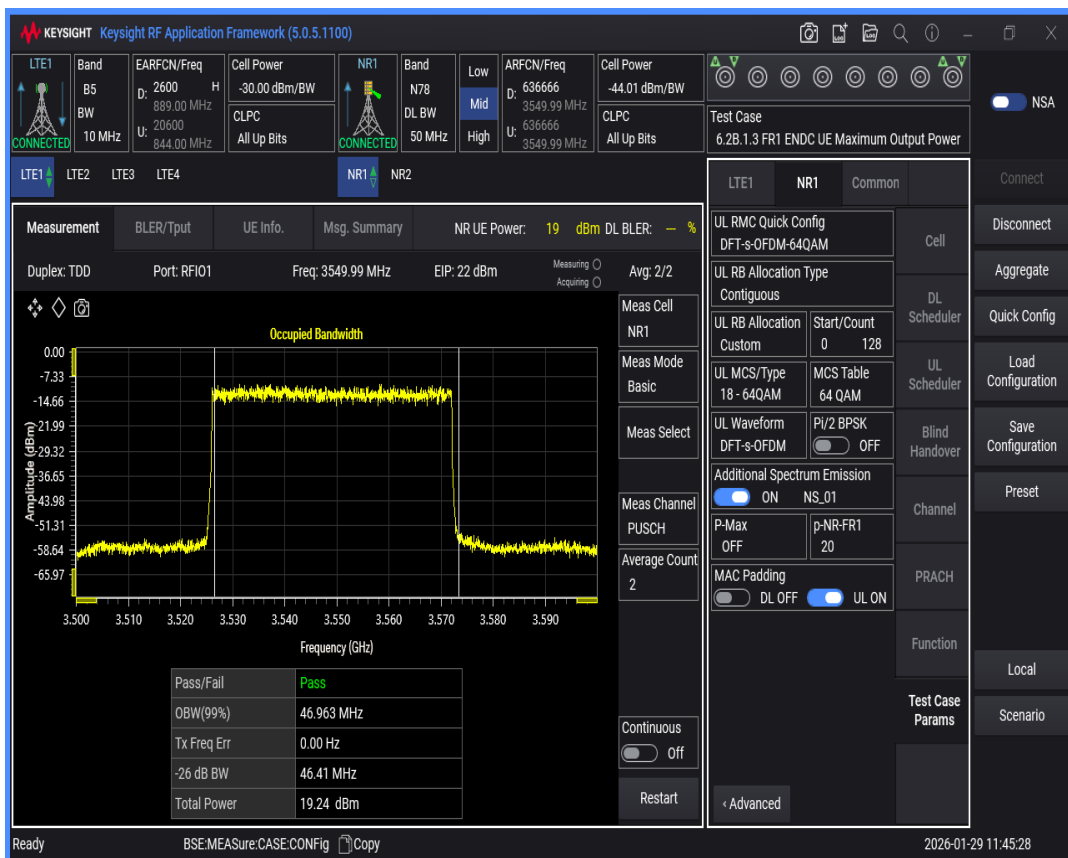




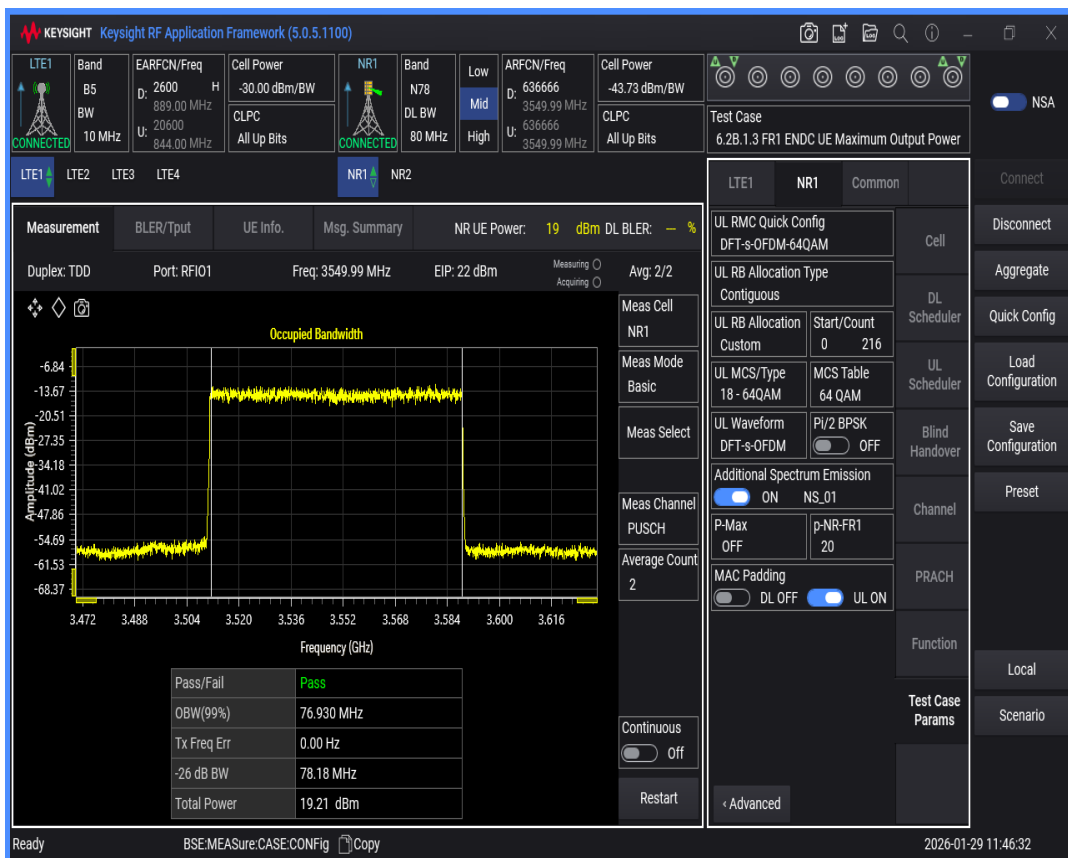
***n78 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=636666 RB=128@0***



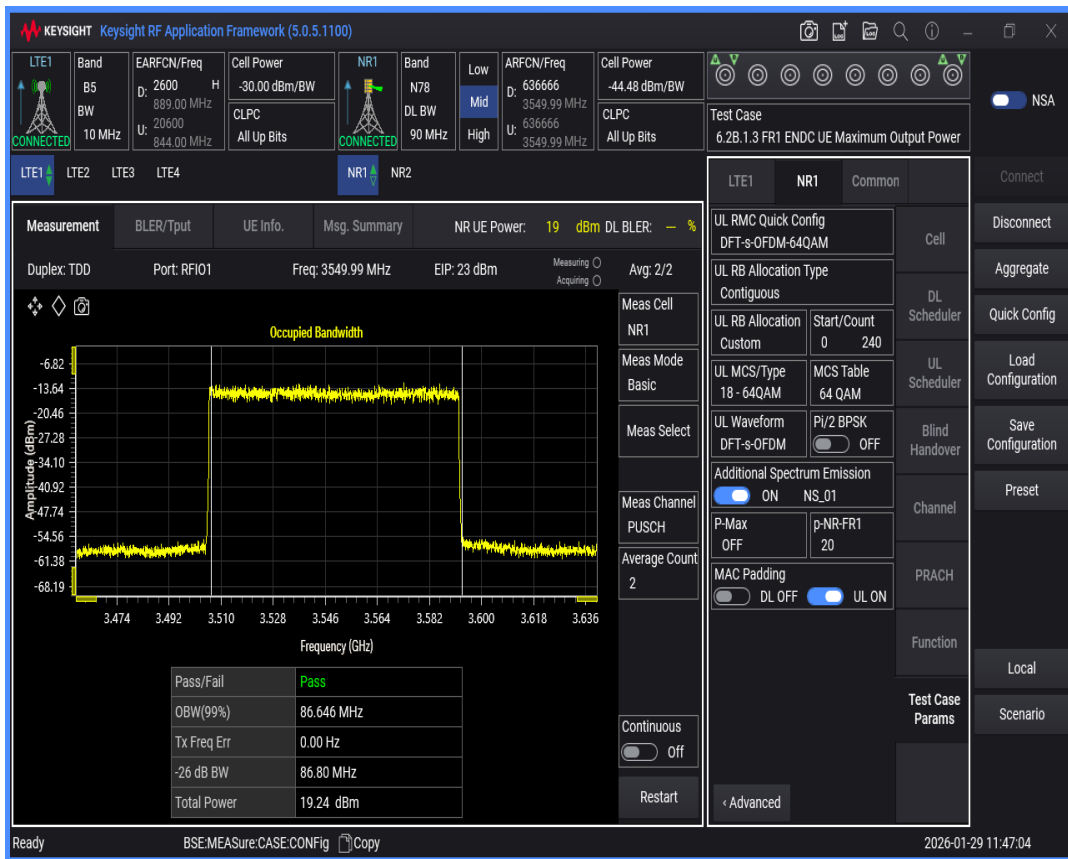
***n78 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=636666 RB=162@0***



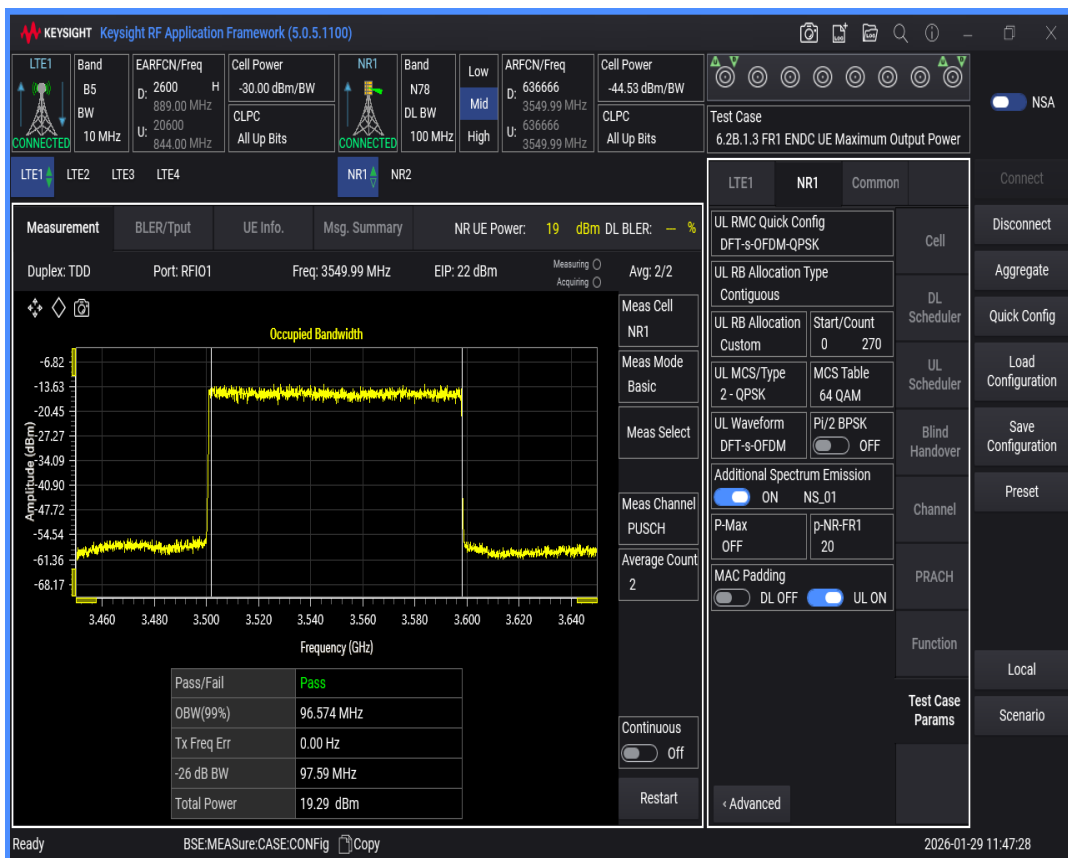
***n78 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=636666 RB=216@0***



***n78 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=636666 RB=240@0***



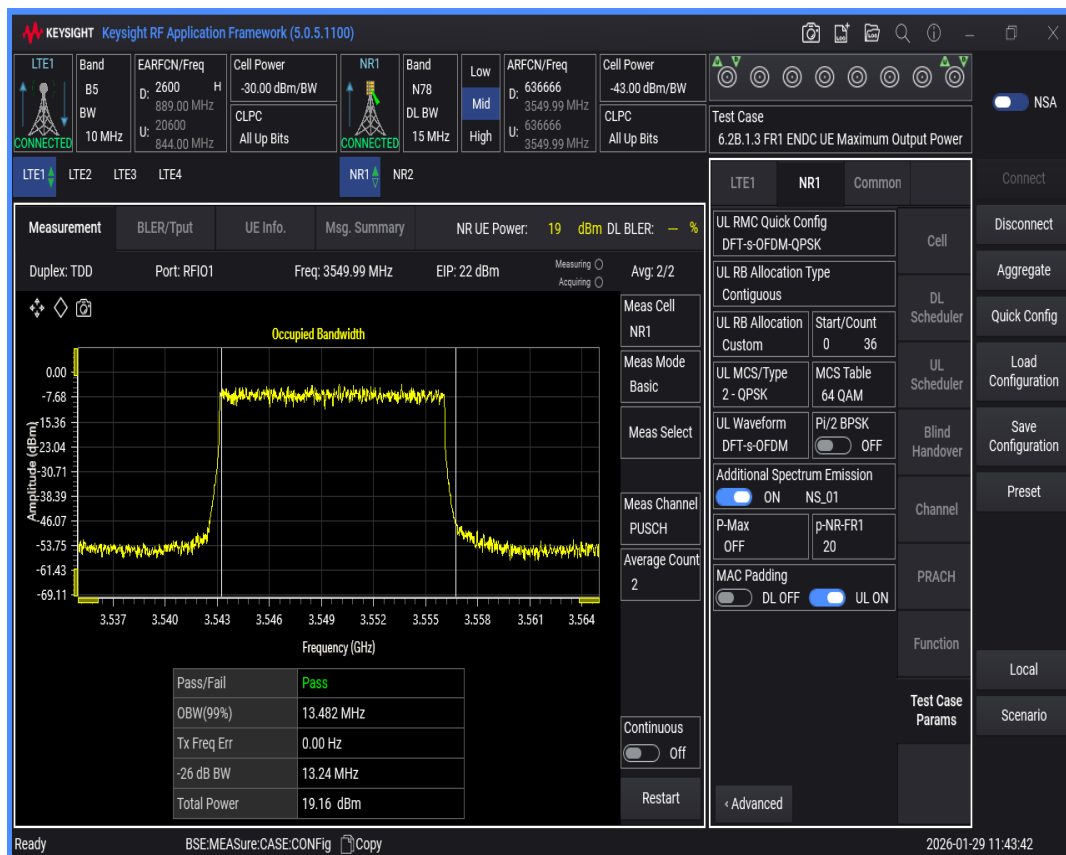
***n78 SCS=30kHz DFT\_QPSK BW=100MHz Channel=636666 RB=270@0***



***n78 SCS=30kHz DFT\_QPSK BW=10MHz Channel=636666 RB=24@0***



**n78 SCS=30kHz DFT\_QPSK BW=15MHz Channel=636666 RB=36@0**



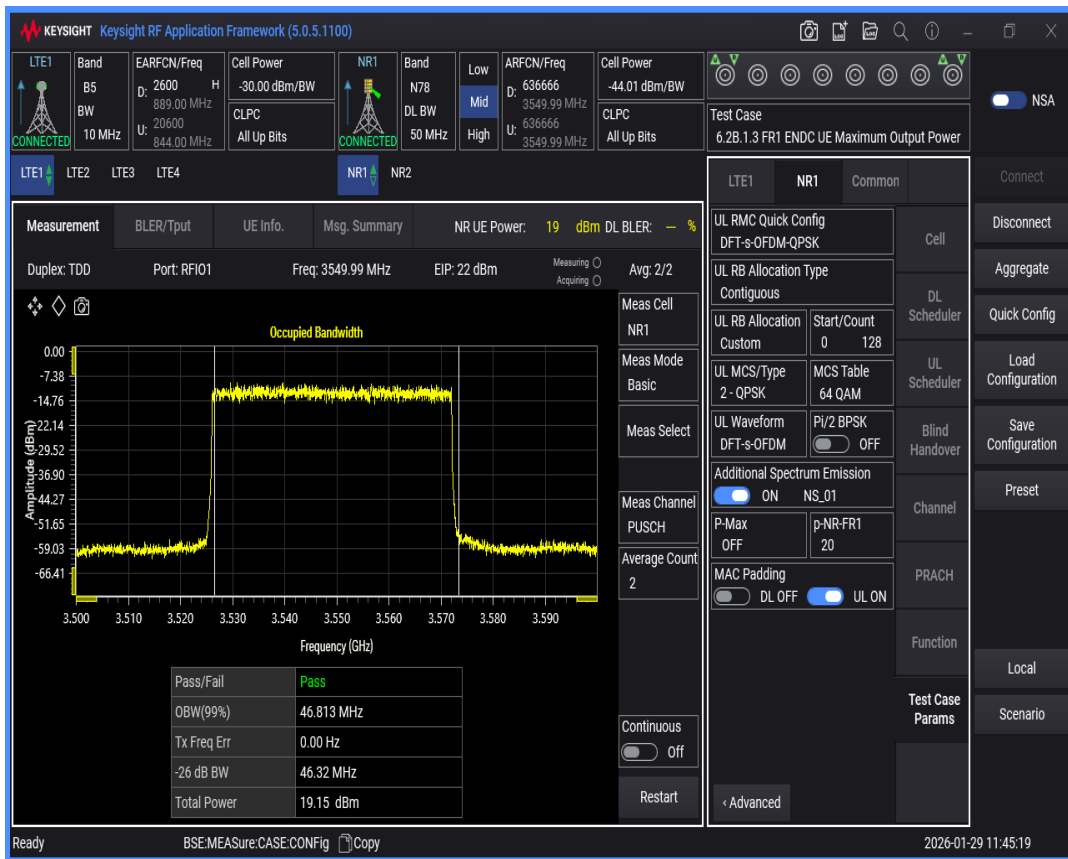
**n78 SCS=30kHz DFT\_QPSK BW=20MHz Channel=636666 RB=50@0**



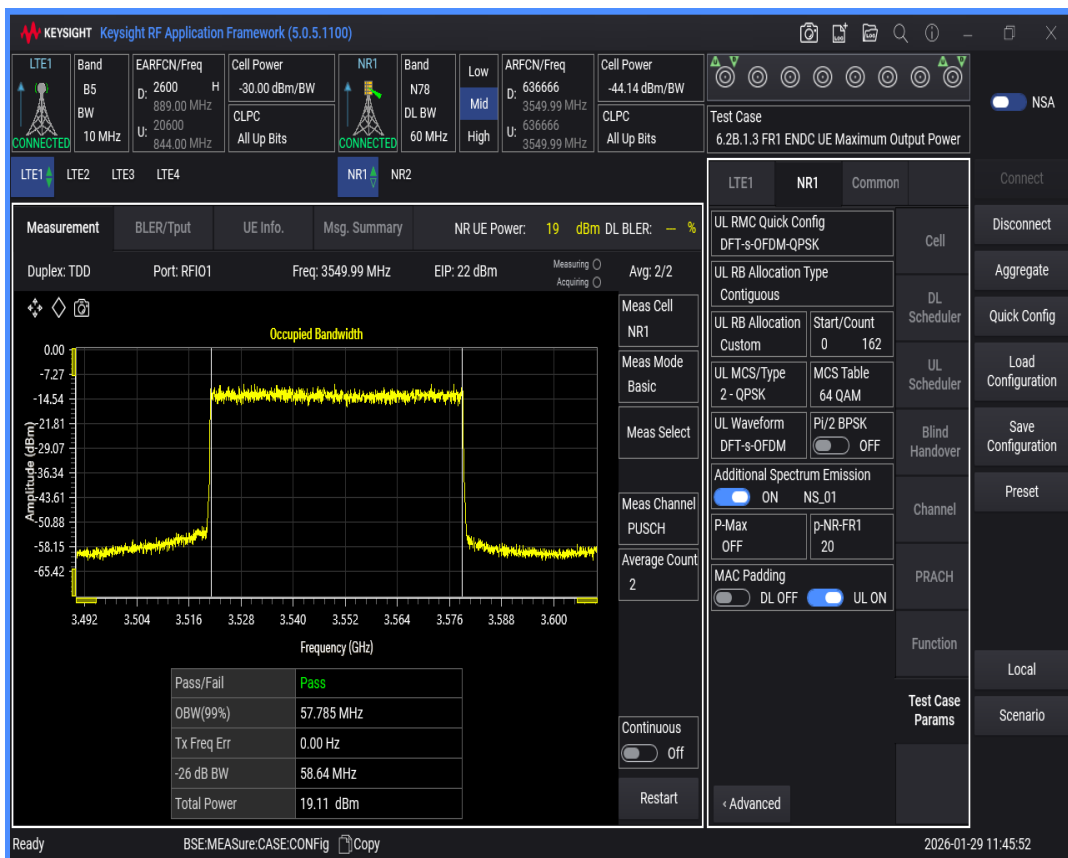
***n78 SCS=30kHz DFT\_QPSK BW=40MHz Channel=636666 RB=100@0***



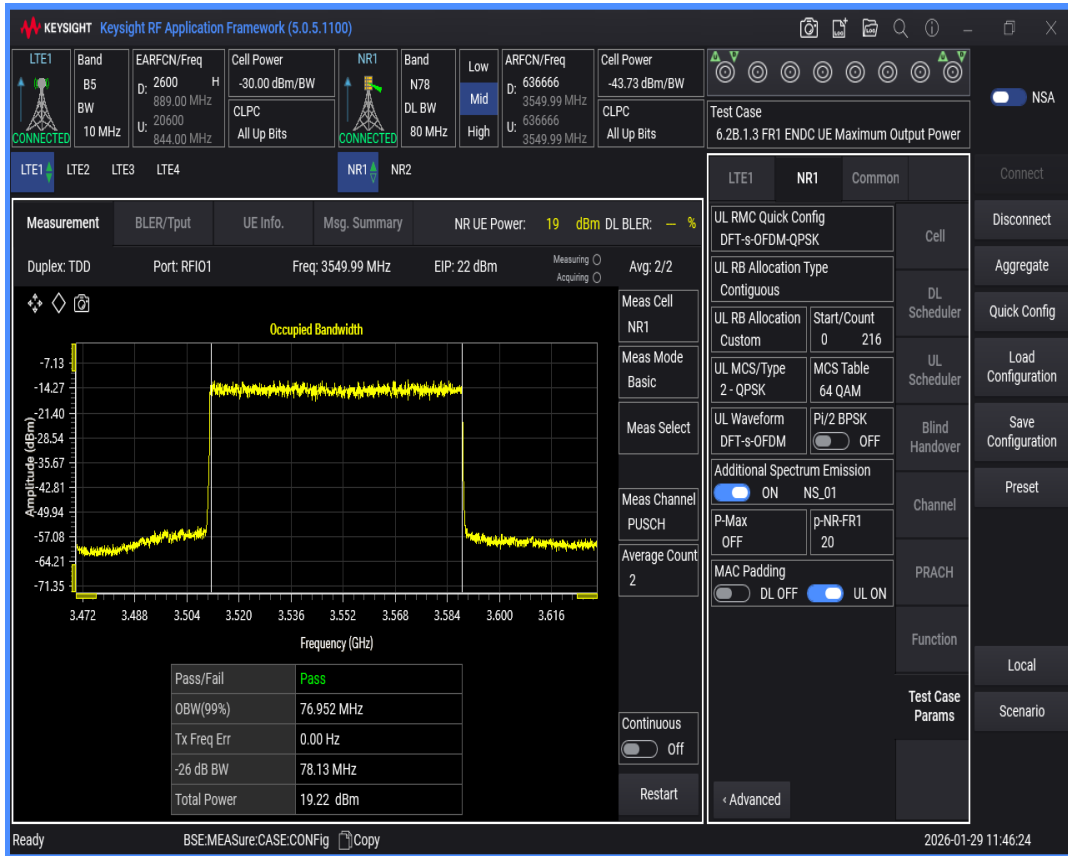
***n78 SCS=30kHz DFT\_QPSK BW=50MHz Channel=636666 RB=128@0***



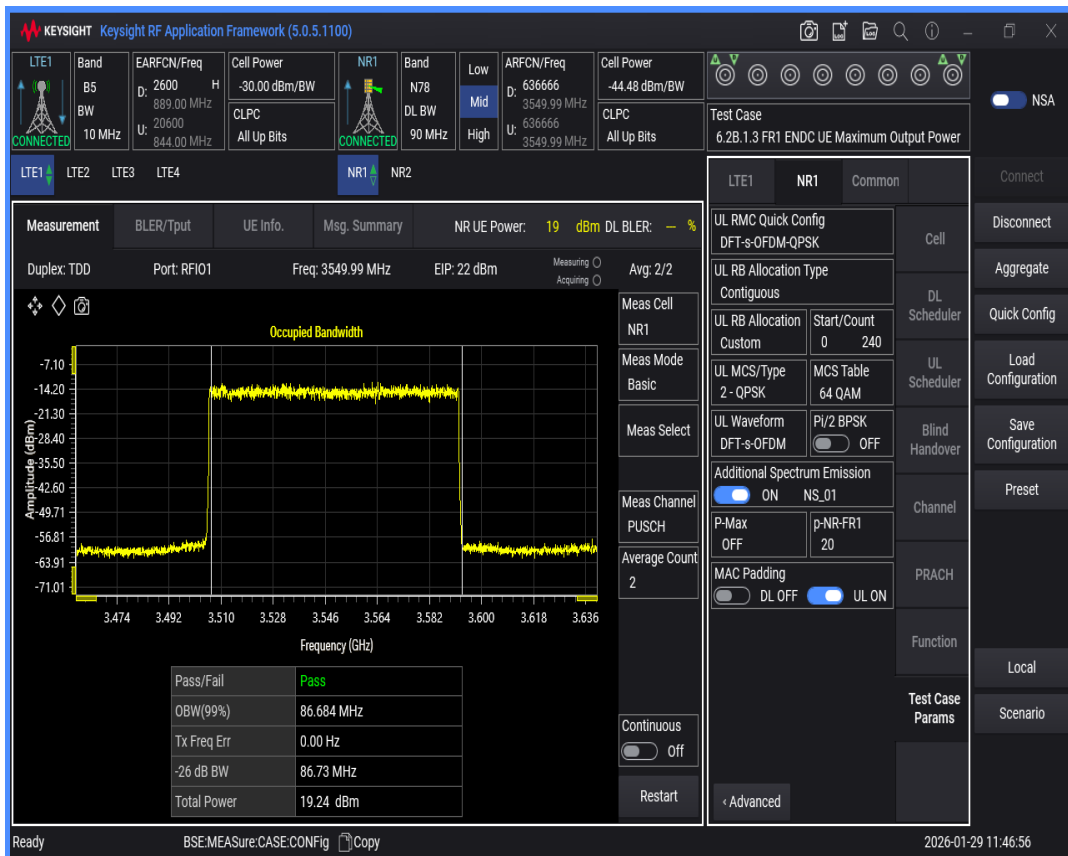
***n78 SCS=30kHz DFT\_QPSK BW=60MHz Channel=636666 RB=162@0***



***n78 SCS=30kHz DFT\_QPSK BW=80MHz Channel=636666 RB=216@0***



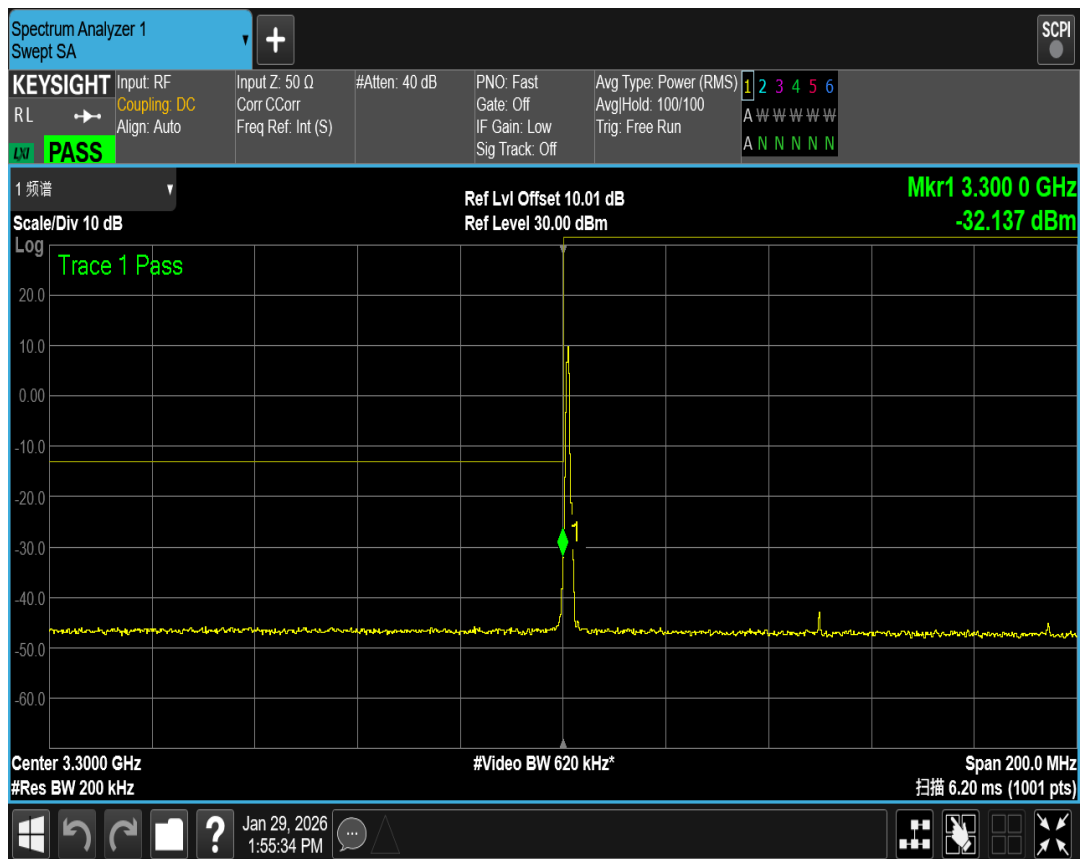
***n78 SCS=30kHz DFT\_QPSK BW=90MHz Channel=636666 RB=240@0***



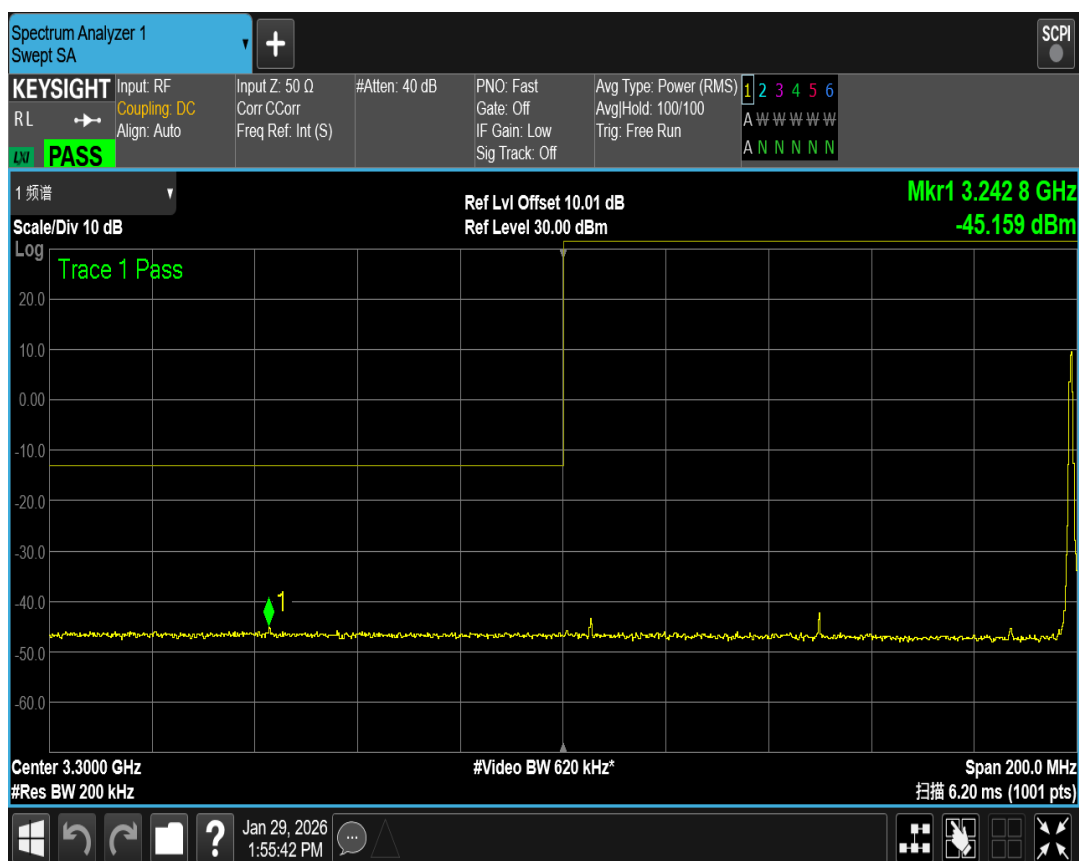
## 5 Band edge for EN-DC

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n78  | 30           | 10                 | 620334        | 24@0             | CP_QPSK    | 3295.02            | -48.74              | -13            | PASS    |
| n78  | 30           | 10                 | 620334        | 1@0              | CP_QPSK    | 3299.46            | -45.81              | -13            | PASS    |
| n78  | 30           | 10                 | 620334        | 1@23             | CP_QPSK    | 3296.48            | -46.05              | -13            | PASS    |
| n78  | 30           | 10                 | 653000        | 24@0             | CP_QPSK    | 3801.06            | -43.62              | -13            | PASS    |
| n78  | 30           | 10                 | 653000        | 1@0              | CP_QPSK    | 3802.84            | -41.29              | -13            | PASS    |
| n78  | 30           | 10                 | 653000        | 1@23             | CP_QPSK    | 3800.00            | -33.82              | -13            | PASS    |
| n78  | 30           | 50                 | 621668        | 133@0            | CP_QPSK    | 3281.40            | -39.90              | -13            | PASS    |
| n78  | 30           | 50                 | 621668        | 1@0              | CP_QPSK    | 3300.00            | -39.80              | -13            | PASS    |
| n78  | 30           | 50                 | 621668        | 1@132            | CP_QPSK    | 3287.70            | -45.82              | -13            | PASS    |
| n78  | 30           | 50                 | 651666        | 133@0            | CP_QPSK    | 3808.30            | -37.11              | -13            | PASS    |
| n78  | 30           | 50                 | 651666        | 1@0              | CP_QPSK    | 3806.50            | -41.57              | -13            | PASS    |
| n78  | 30           | 50                 | 651666        | 1@132            | CP_QPSK    | 3800.00            | -37.09              | -13            | PASS    |
| n78  | 30           | 100                | 623334        | 273@0            | CP_QPSK    | 3300.00            | -25.42              | -13            | PASS    |
| n78  | 30           | 100                | 623334        | 1@0              | CP_QPSK    | 3300.00            | -32.13              | -13            | PASS    |
| n78  | 30           | 100                | 623334        | 1@272            | CP_QPSK    | 3242.80            | -45.15              | -13            | PASS    |
| n78  | 30           | 100                | 650000        | 273@0            | CP_QPSK    | 3800.00            | -22.25              | -13            | PASS    |
| n78  | 30           | 100                | 650000        | 1@0              | CP_QPSK    | 3845.40            | -41.49              | -13            | PASS    |
| n78  | 30           | 100                | 650000        | 1@272            | CP_QPSK    | 3800.00            | -40.11              | -13            | PASS    |

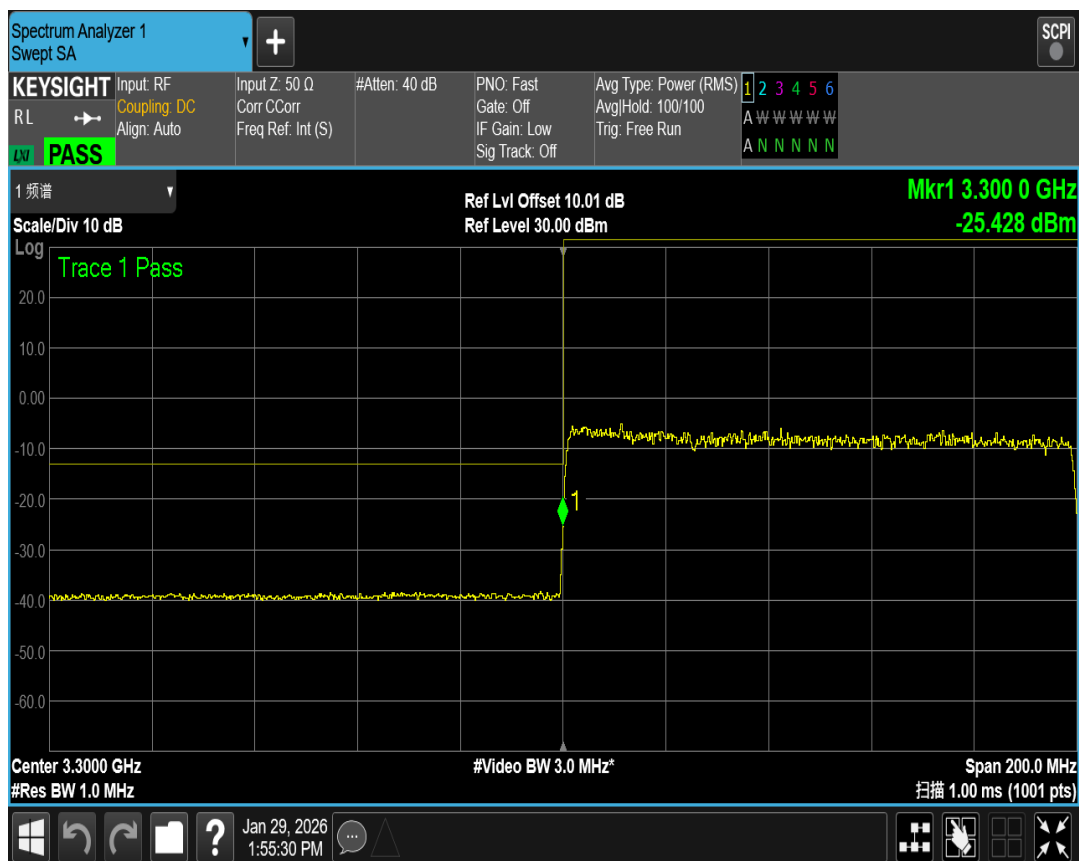
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=1@0



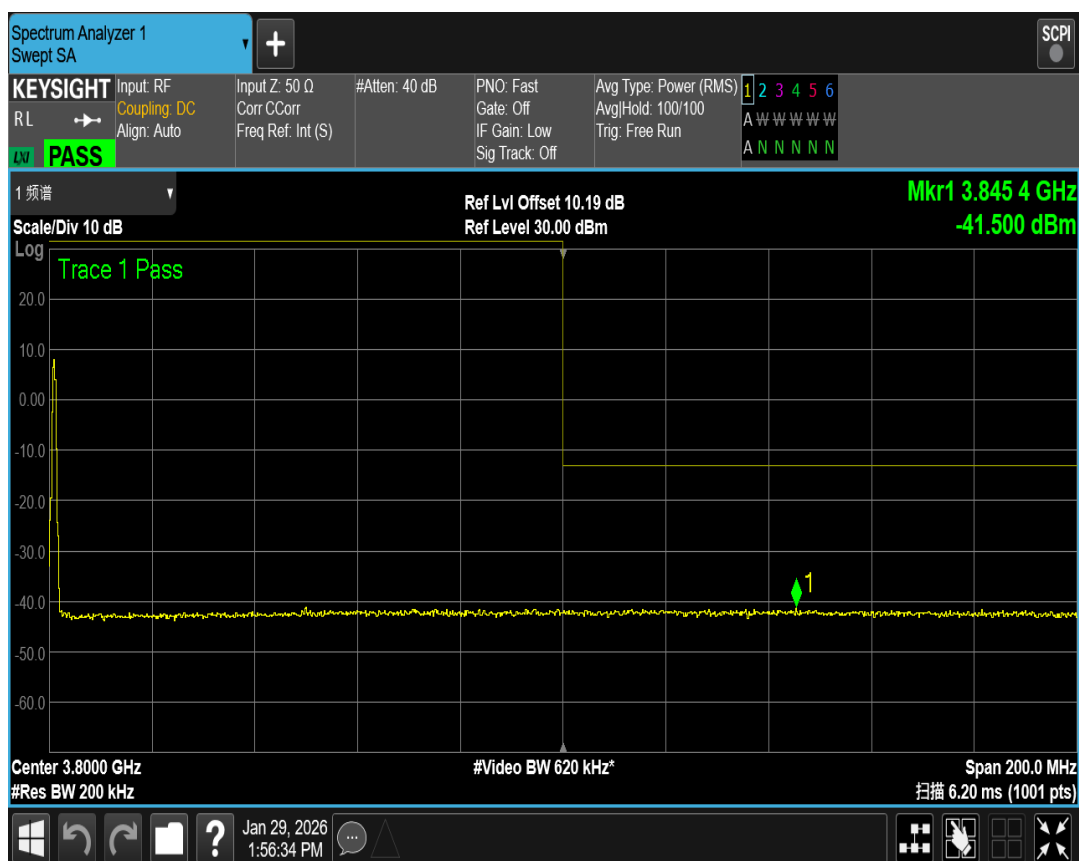
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=1@272



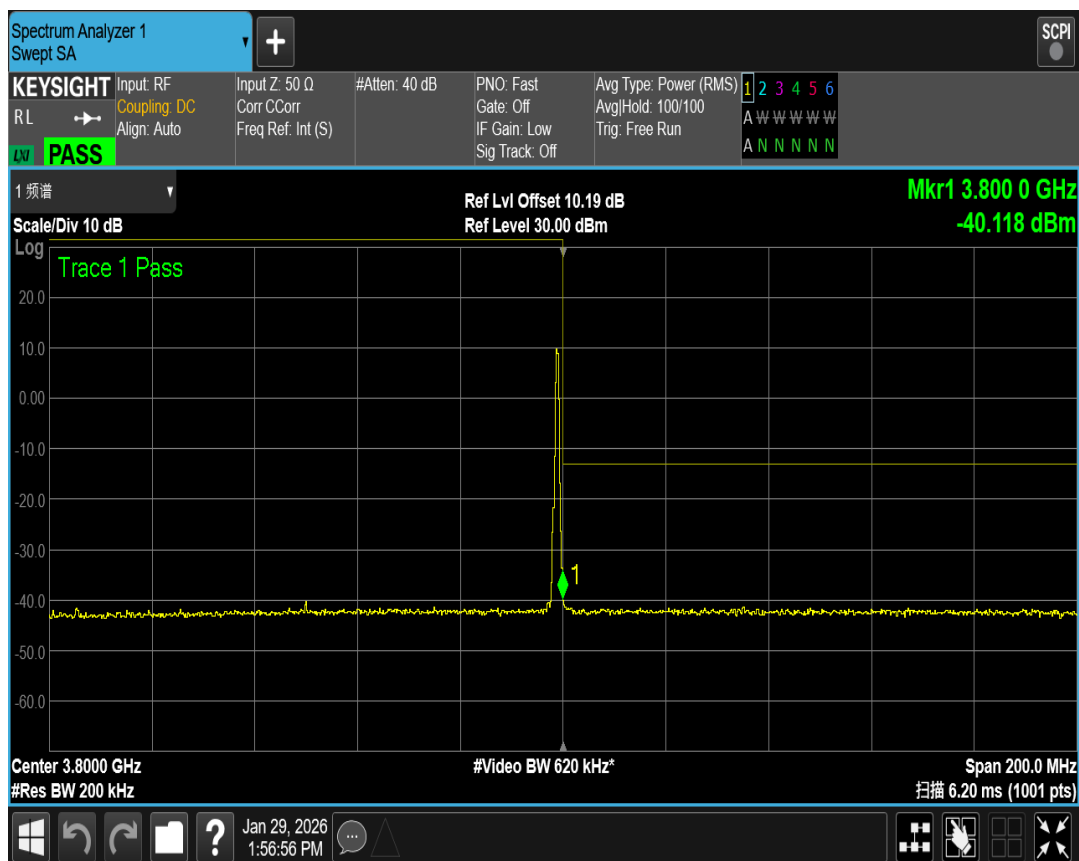
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=273@0



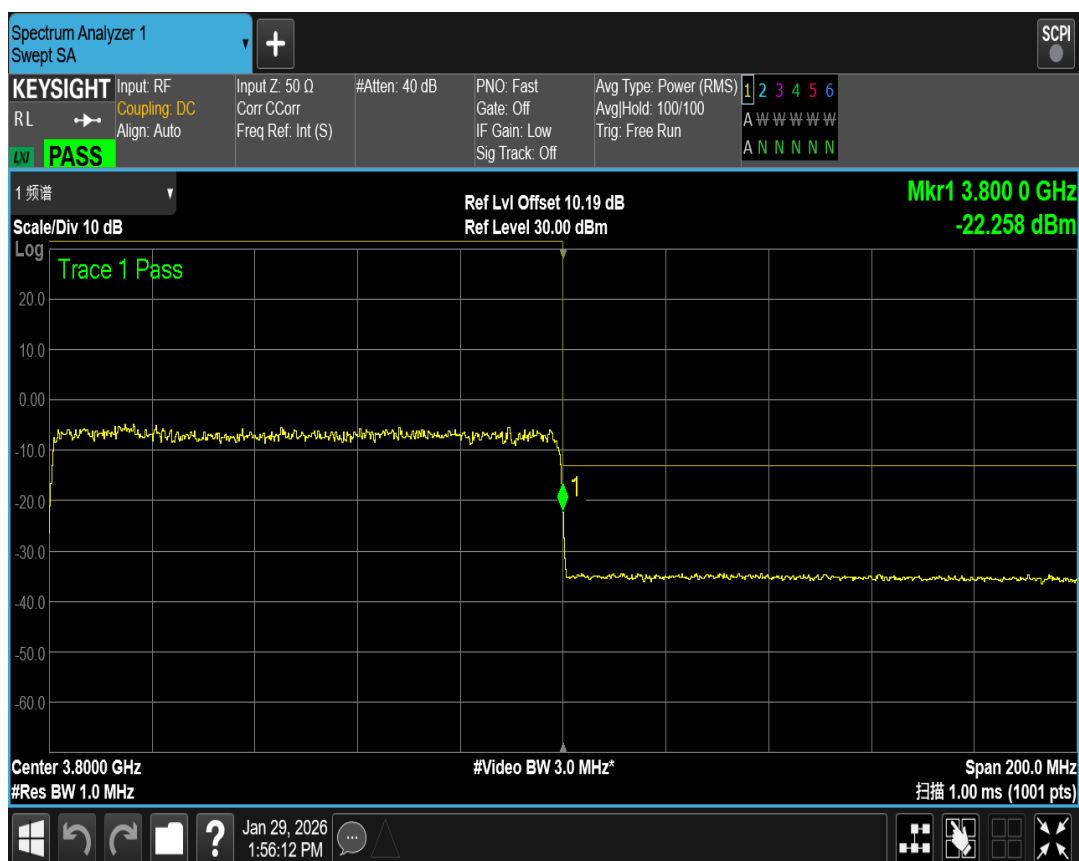
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0



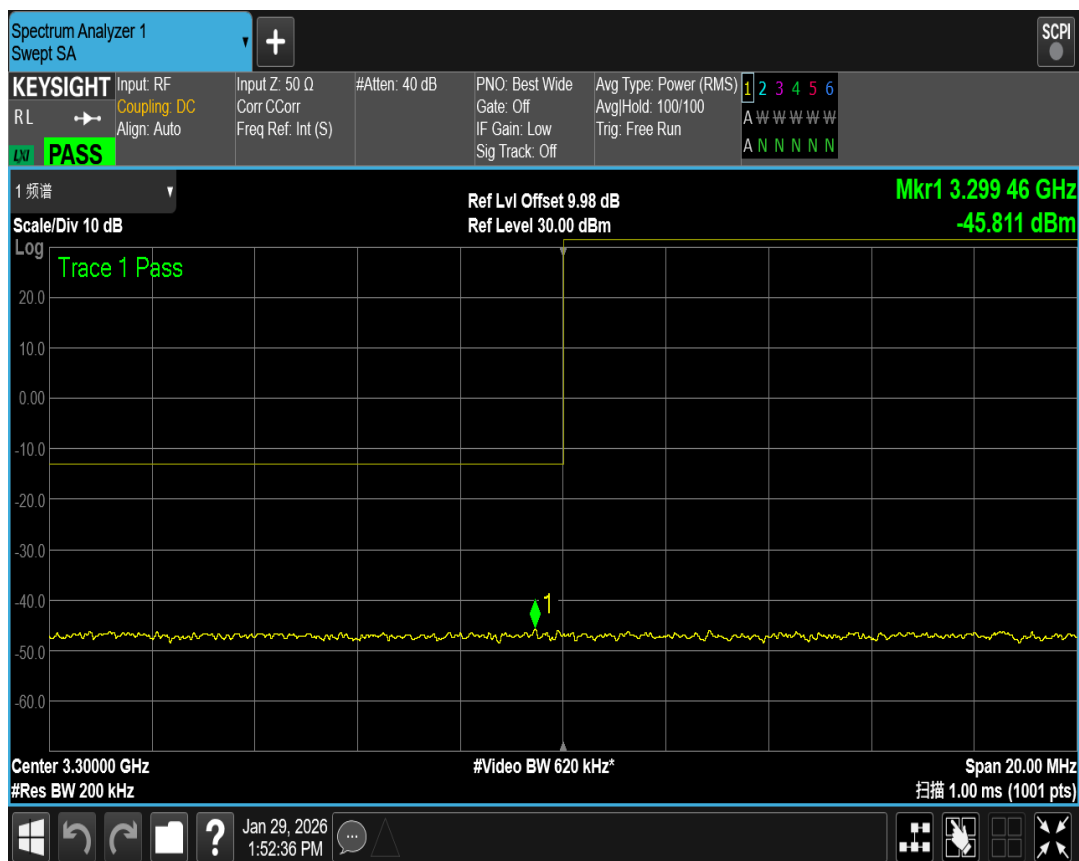
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272



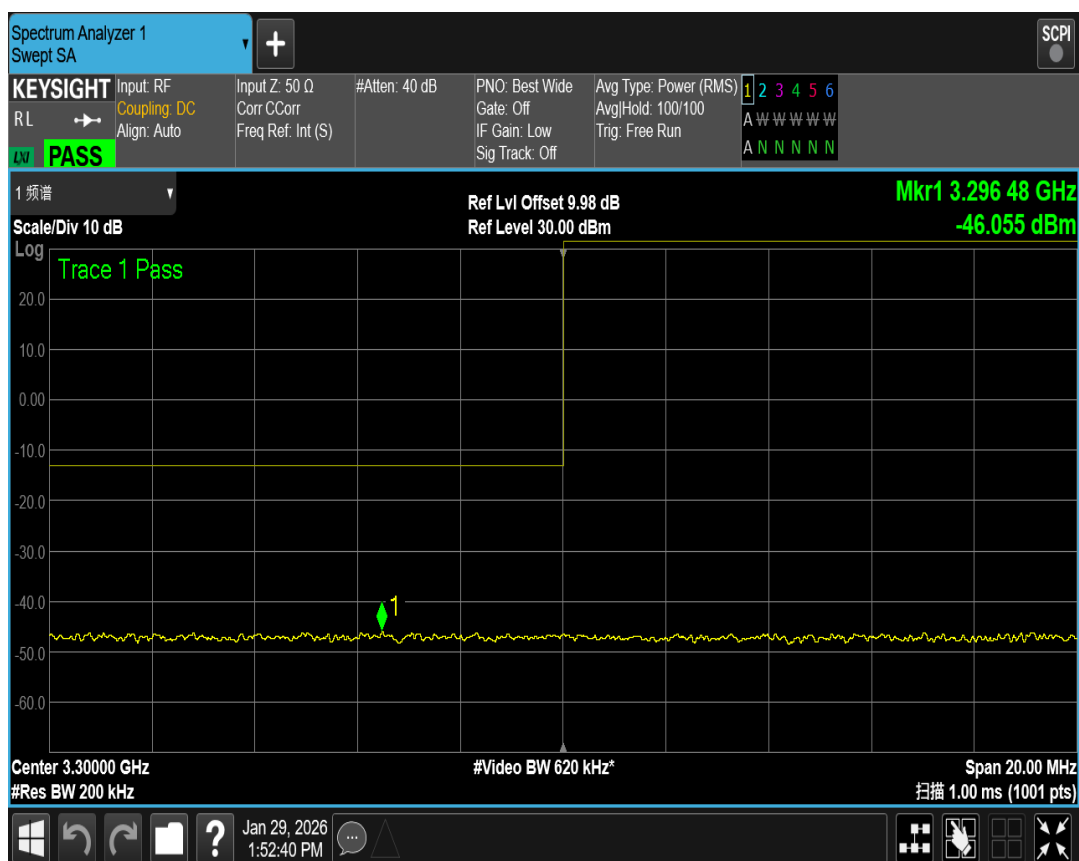
n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0



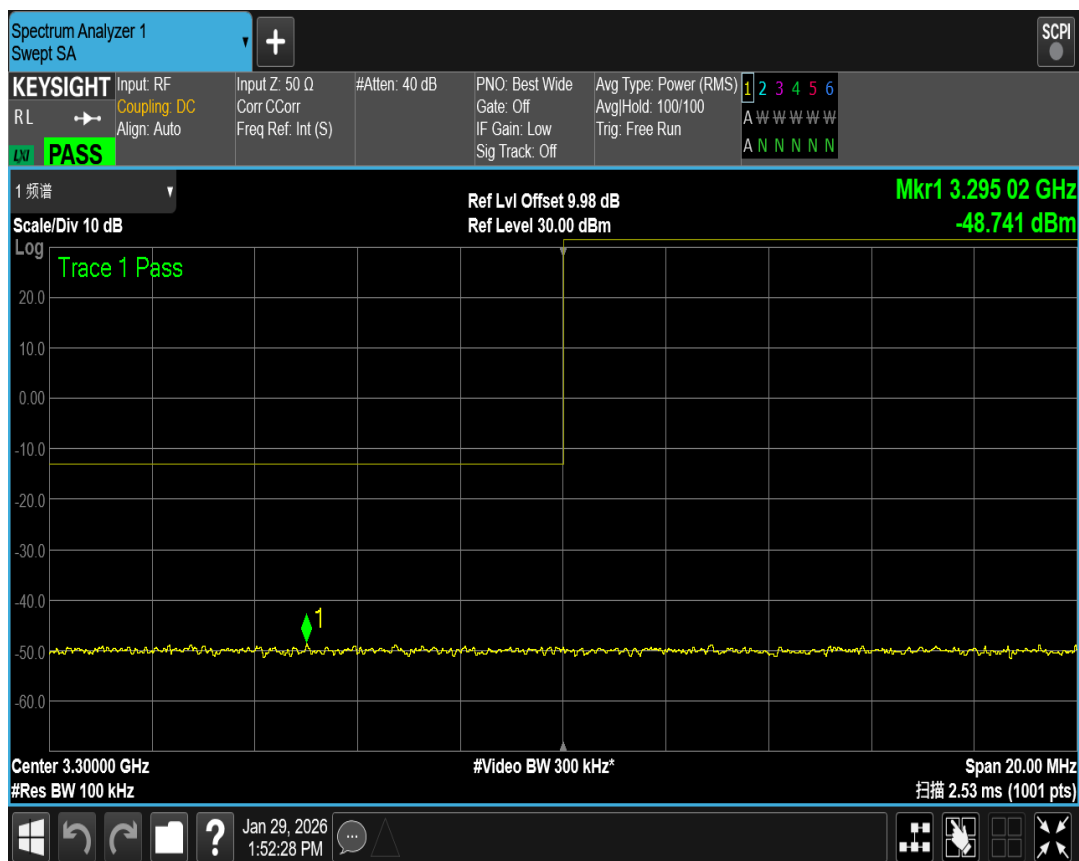
n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=1@0



n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=1@23



n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=24@0



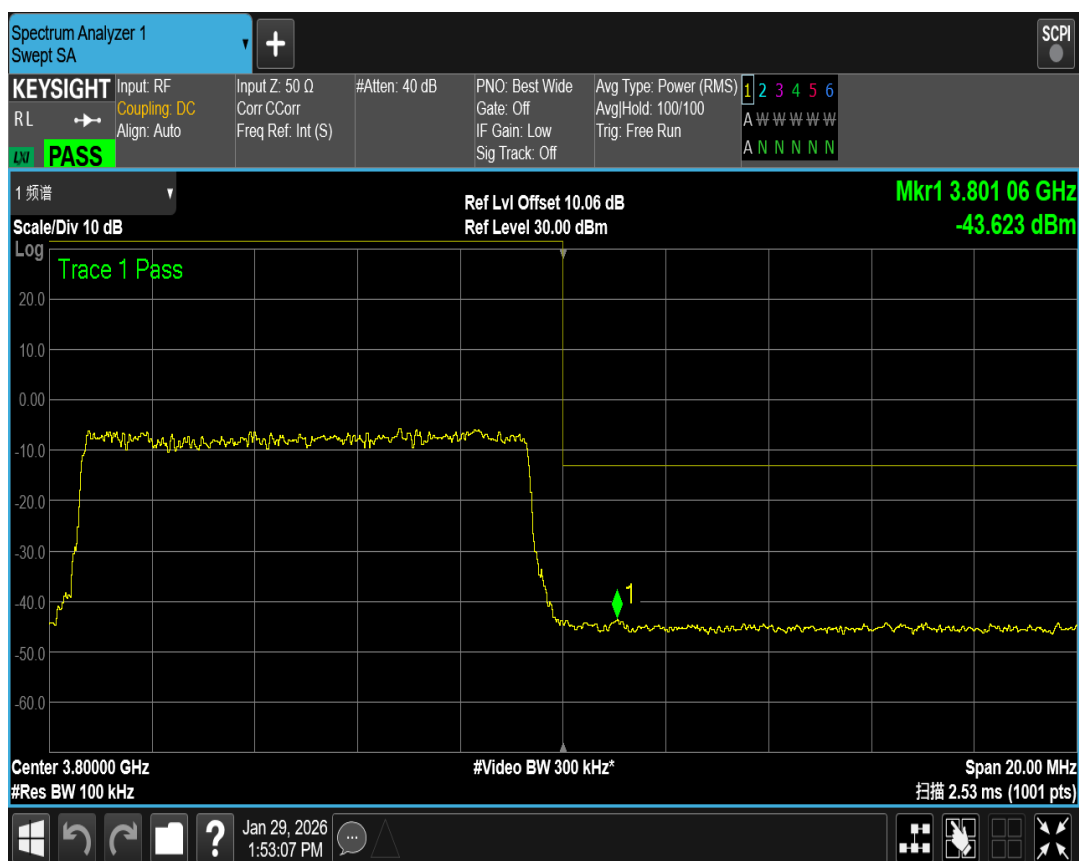
n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=1@0



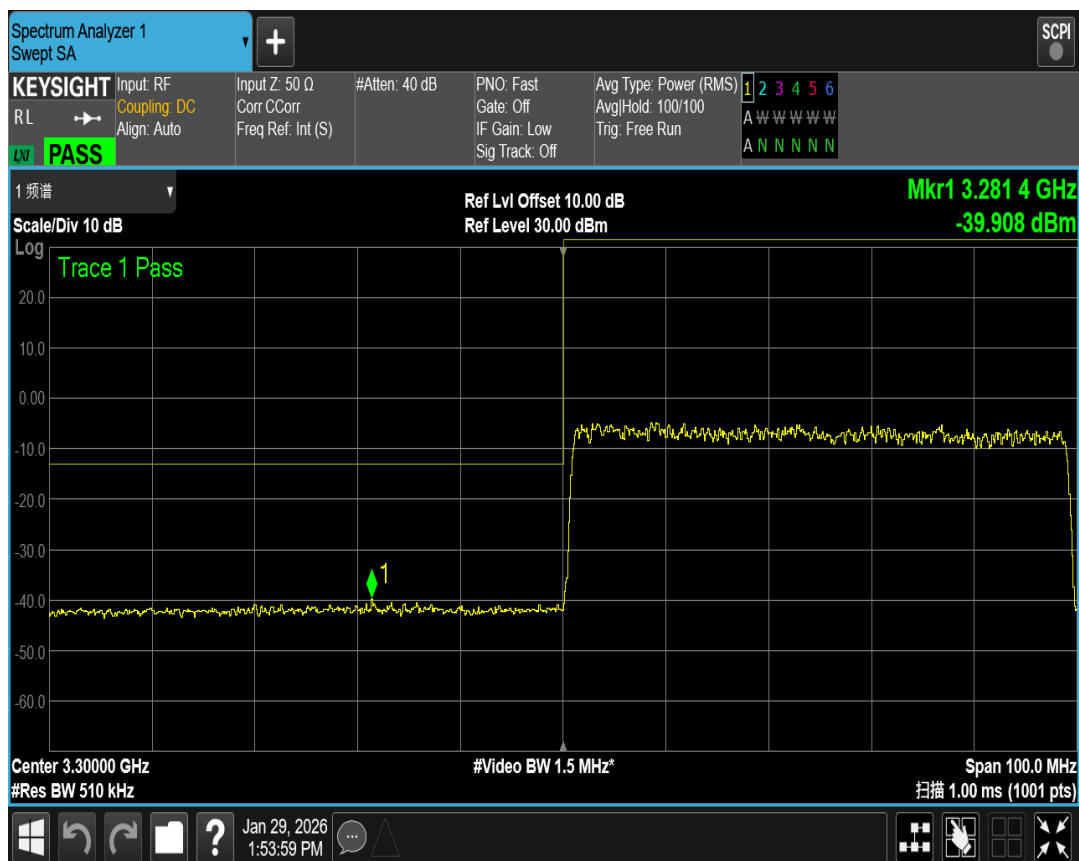
n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=1@23



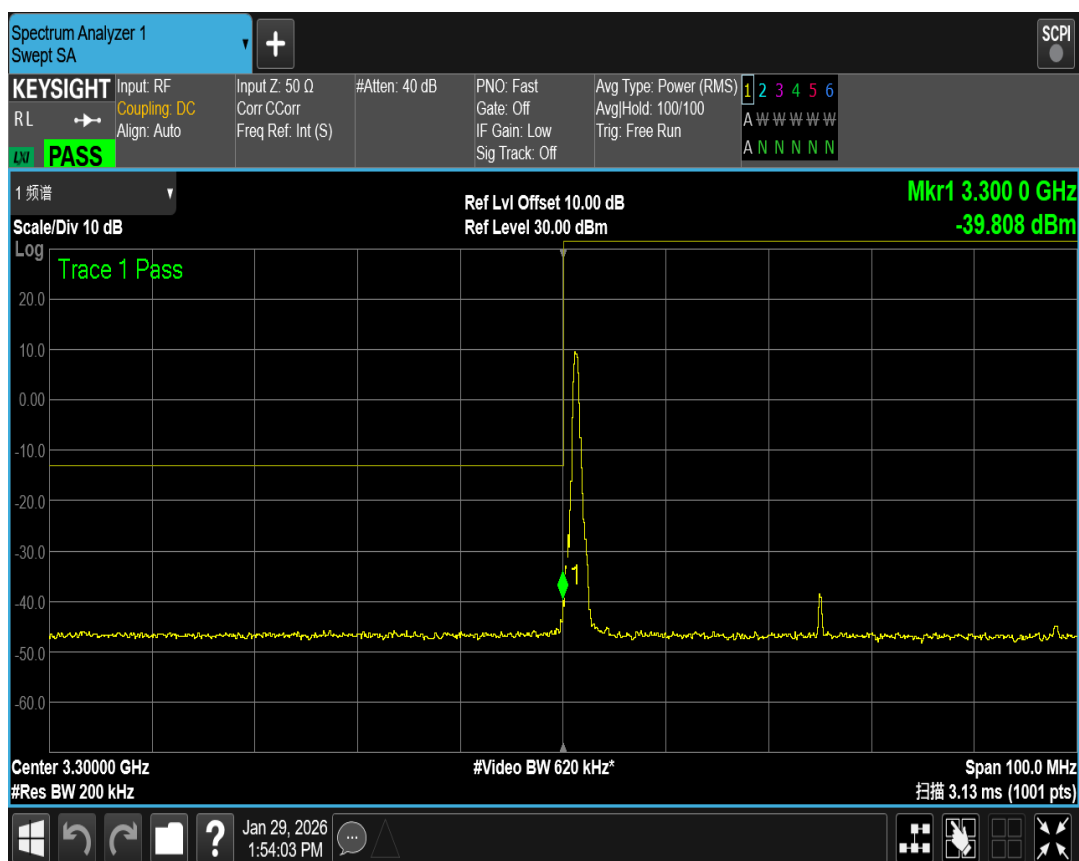
n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=24@0



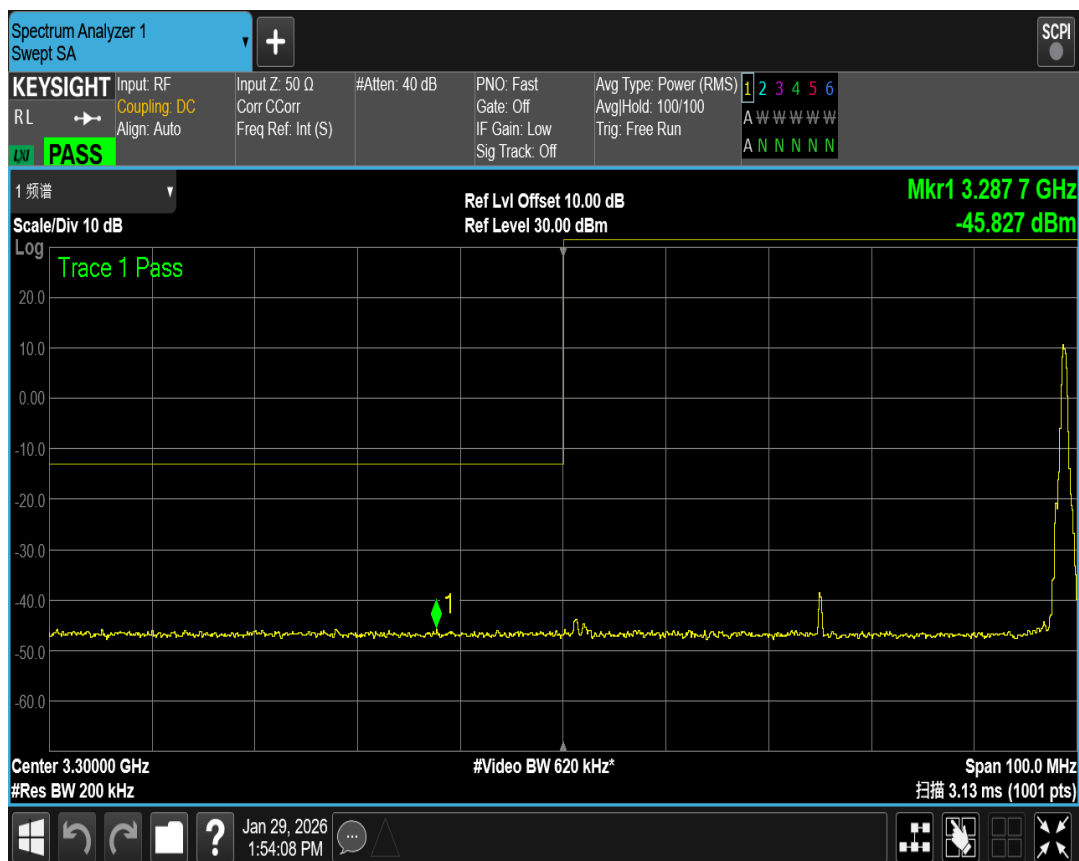
n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=133@0



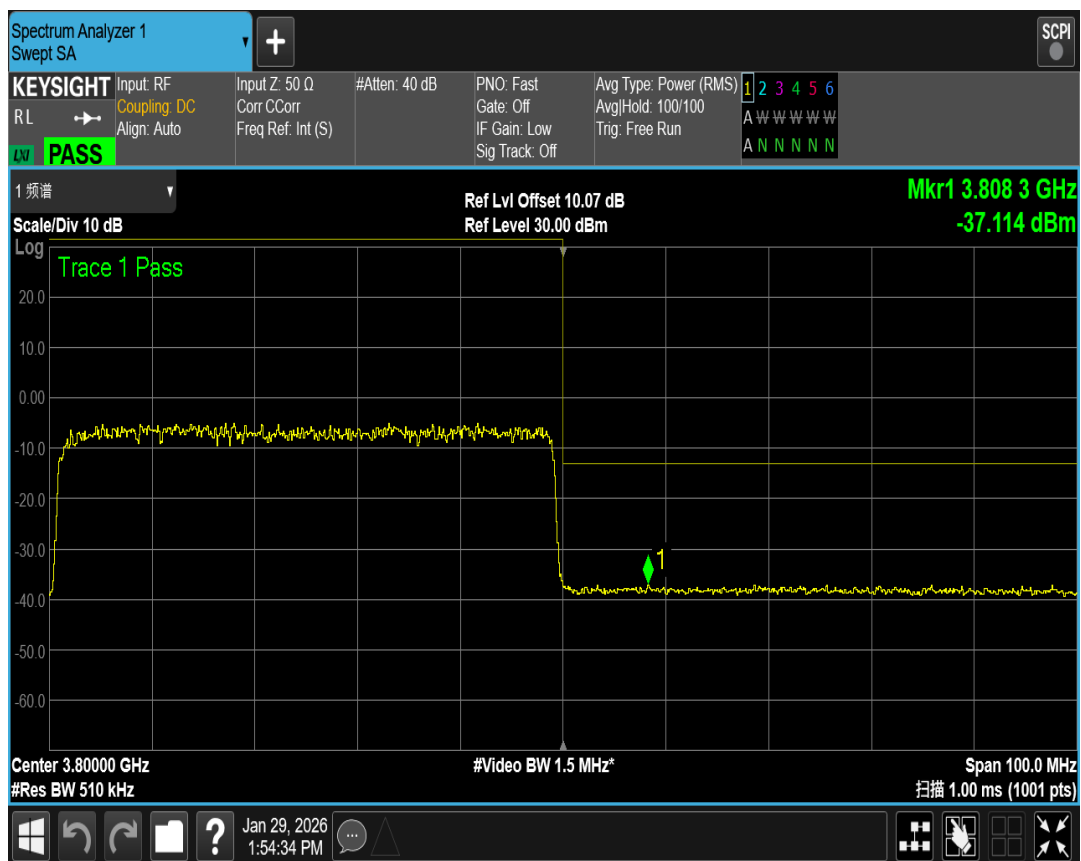
n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=1@0



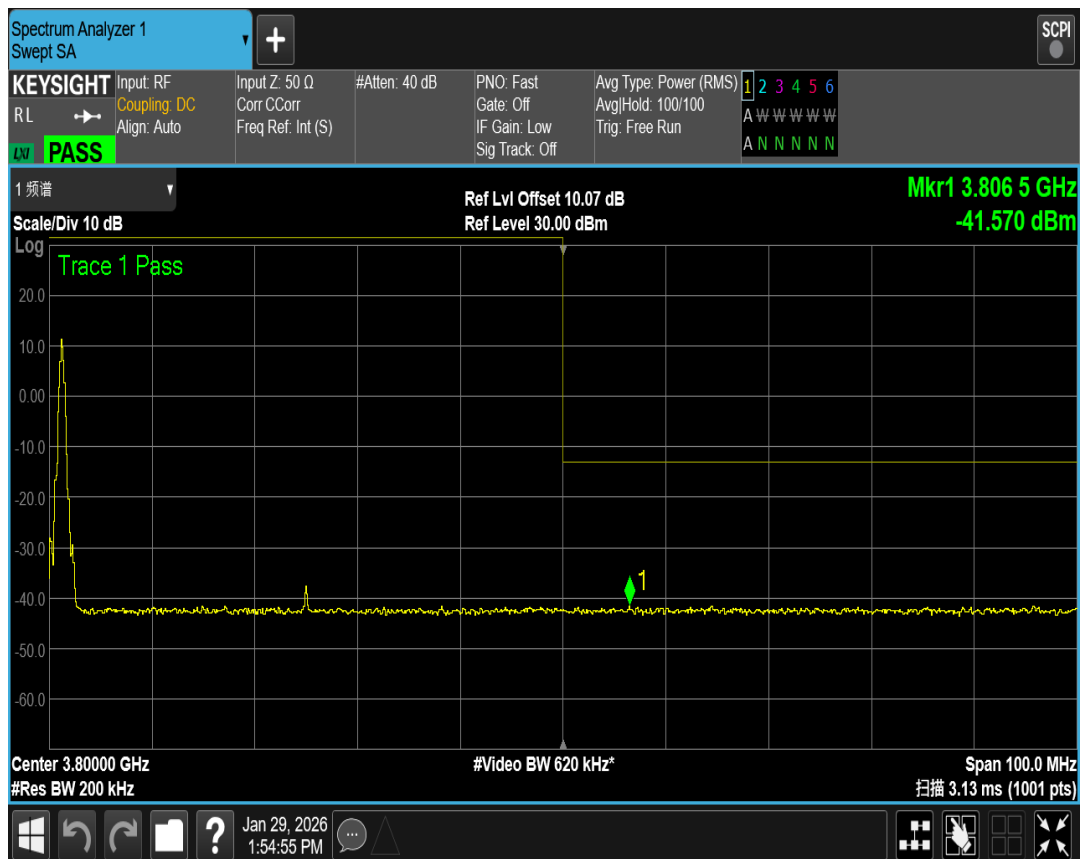
n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=1@132



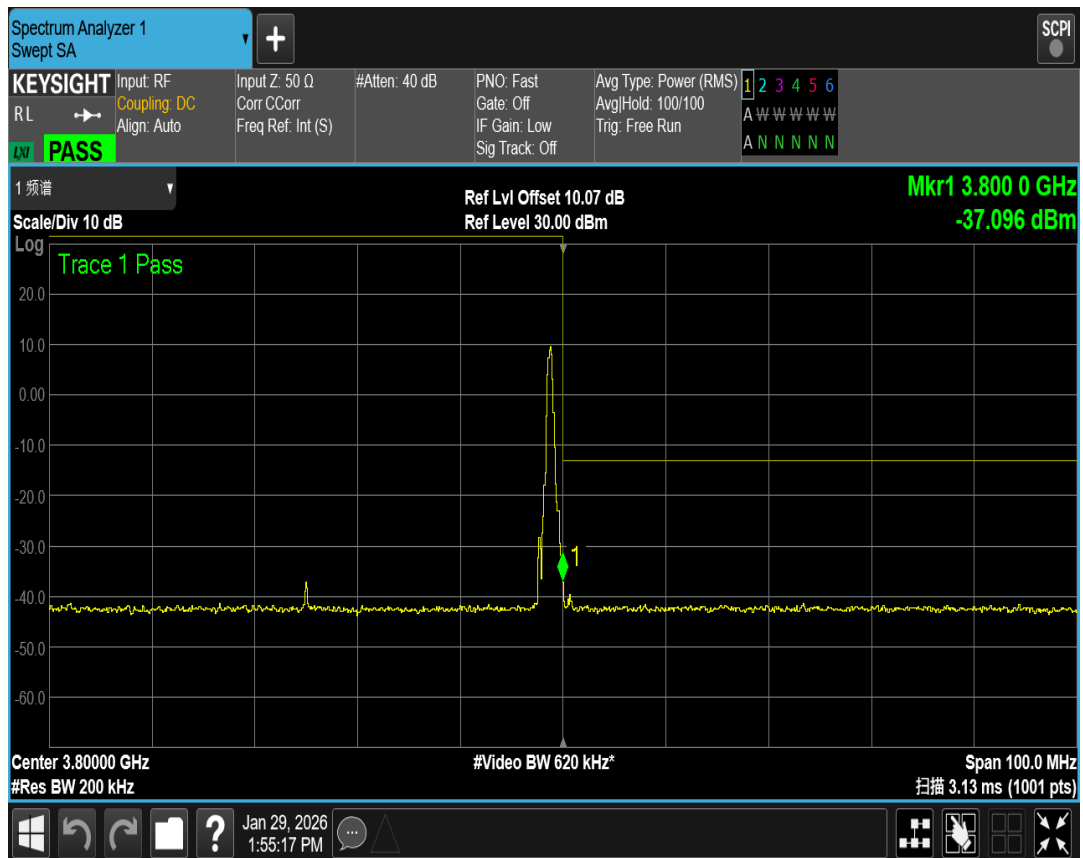
n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=133@0



n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=1@0



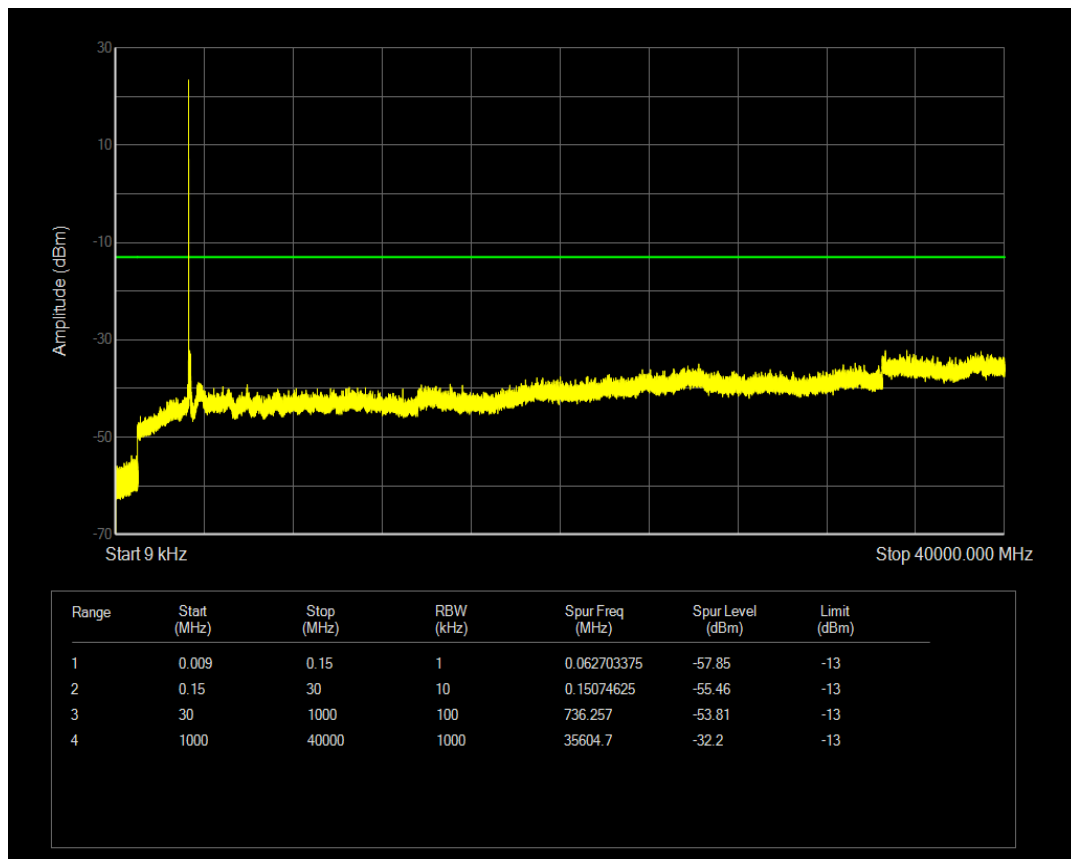
n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=1@132



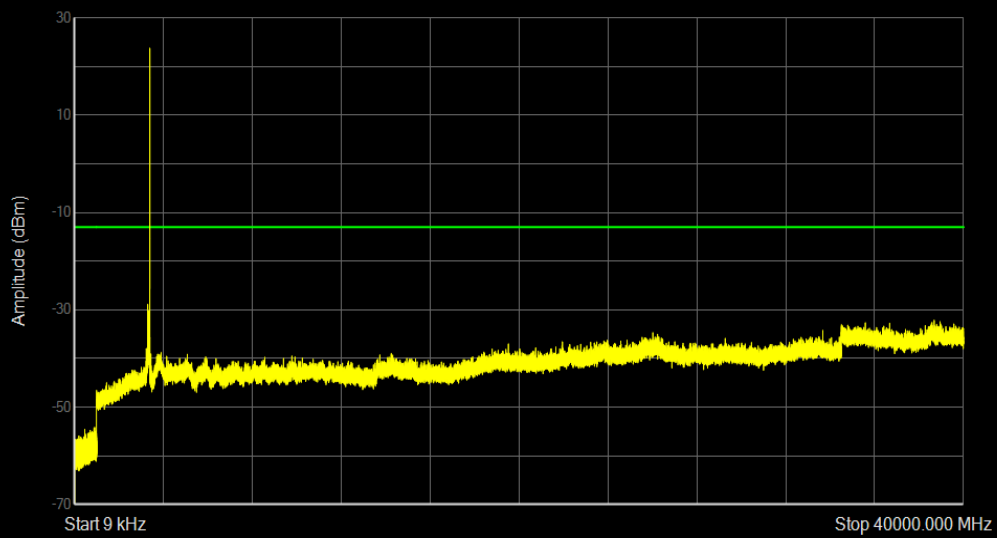
## 6 Out-of-band emissions for EN-DC

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n78  | 30        | 10              | 620334     | 24@0          | CP_QPSK    | 38778.33        | -31.58           | -13         | PASS    |
| n78  | 30        | 10              | 620334     | 1@0           | CP_QPSK    | 38989.90        | -32.32           | -13         | PASS    |
| n78  | 30        | 10              | 620334     | 1@23          | CP_QPSK    | 38943.10        | -31.85           | -13         | PASS    |
| n78  | 30        | 10              | 653000     | 24@0          | CP_QPSK    | 38912.88        | -32.28           | -13         | PASS    |
| n78  | 30        | 10              | 653000     | 1@0           | CP_QPSK    | 35469.18        | -31.77           | -13         | PASS    |
| n78  | 30        | 10              | 653000     | 1@23          | CP_QPSK    | 38695.45        | -31.94           | -13         | PASS    |
| n78  | 30        | 50              | 621668     | 133@0         | CP_QPSK    | 39853.75        | -32.35           | -13         | PASS    |
| n78  | 30        | 50              | 621668     | 1@0           | CP_QPSK    | 35948.88        | -32.62           | -13         | PASS    |
| n78  | 30        | 50              | 621668     | 1@132         | CP_QPSK    | 34568.28        | -32.24           | -13         | PASS    |
| n78  | 30        | 50              | 651666     | 133@0         | CP_QPSK    | 38540.43        | -32.50           | -13         | PASS    |
| n78  | 30        | 50              | 651666     | 1@0           | CP_QPSK    | 39869.35        | -32.00           | -13         | PASS    |
| n78  | 30        | 50              | 651666     | 1@132         | CP_QPSK    | 35462.35        | -32.30           | -13         | PASS    |
| n78  | 30        | 100             | 623334     | 273@0         | CP_QPSK    | 38594.05        | -32.67           | -13         | PASS    |
| n78  | 30        | 100             | 623334     | 1@0           | CP_QPSK    | 35604.70        | -32.20           | -13         | PASS    |
| n78  | 30        | 100             | 623334     | 1@272         | CP_QPSK    | 38675.95        | -32.15           | -13         | PASS    |
| n78  | 30        | 100             | 650000     | 273@0         | CP_QPSK    | 36653.80        | -32.20           | -13         | PASS    |
| n78  | 30        | 100             | 650000     | 1@0           | CP_QPSK    | 38588.20        | -32.11           | -13         | PASS    |
| n78  | 30        | 100             | 650000     | 1@272         | CP_QPSK    | 38964.55        | -32.25           | -13         | PASS    |

n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=1@0

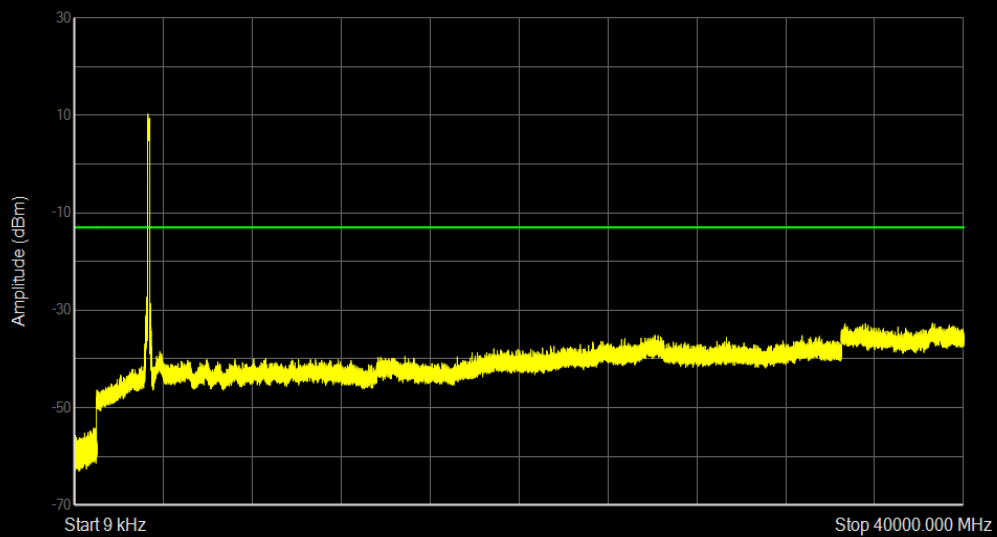


*n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=1@272*



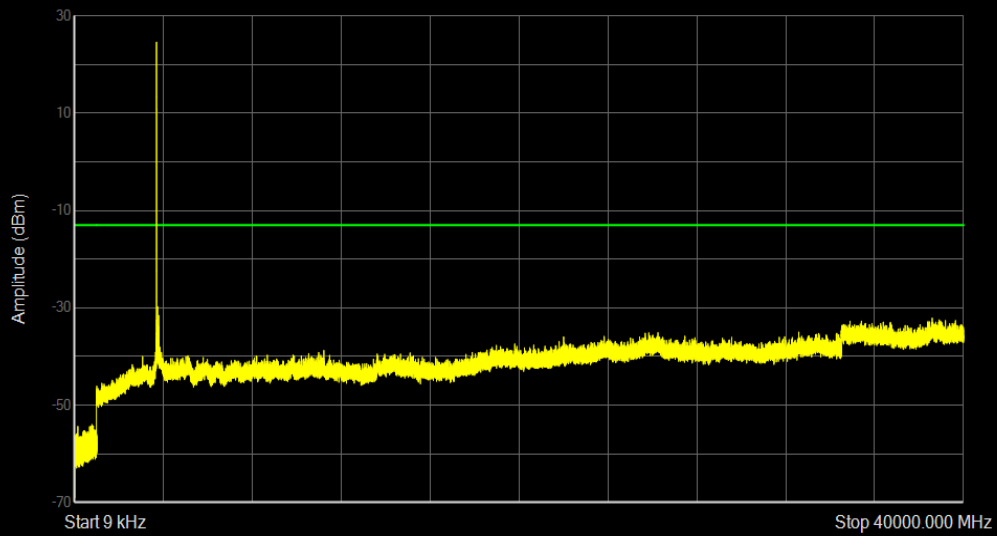
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0628479       | -57.56           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15671625      | -56.88           | -13         |
| 3     | 30          | 1000       | 100       | 922.4485        | -54.18           | -13         |
| 4     | 1000        | 40000      | 1000      | 38675.95        | -32.15           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=623334 RB=273@0*



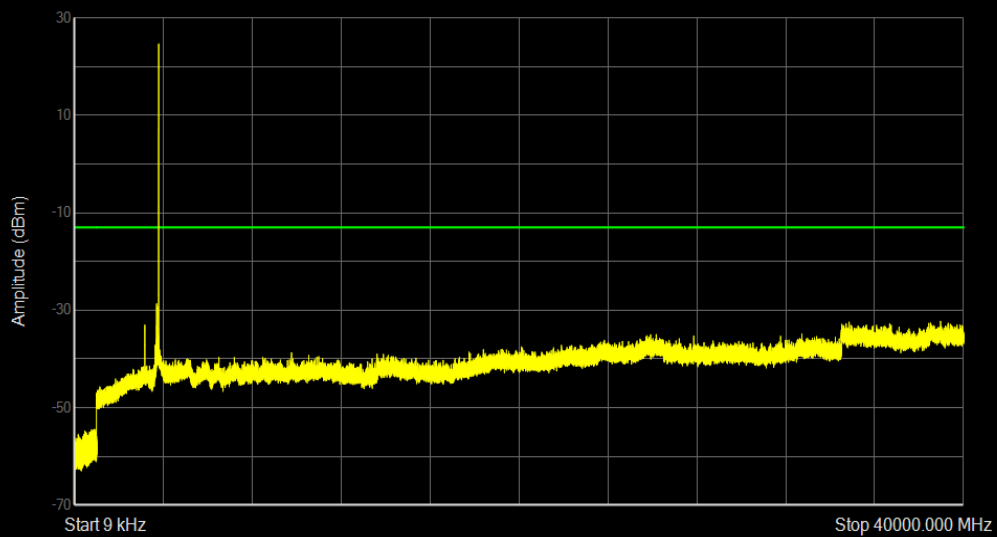
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0626505       | -58.09           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -56.21           | -13         |
| 3     | 30          | 1000       | 100       | 875.33075       | -54.2            | -13         |
| 4     | 1000        | 40000      | 1000      | 38594.05        | -32.67           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0*



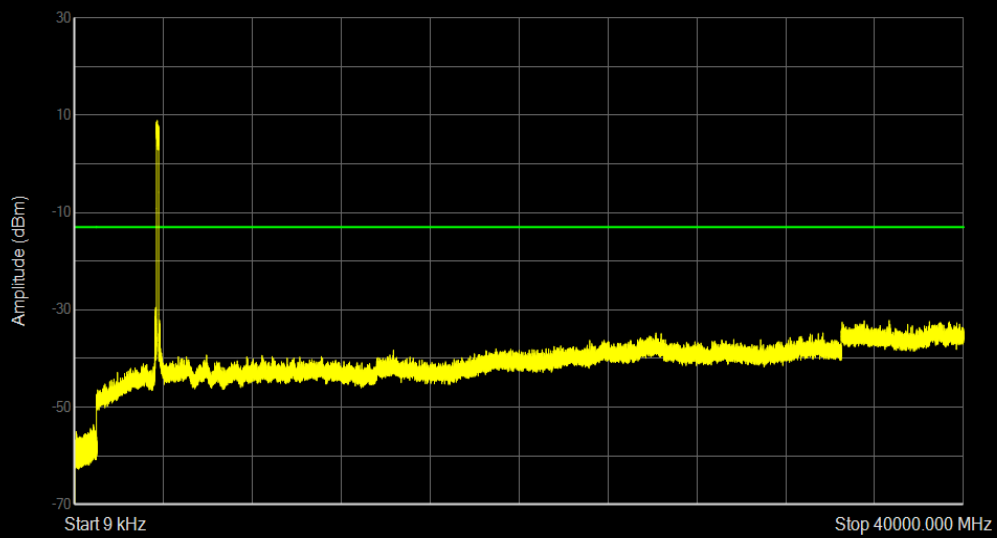
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.06296775      | -58.21           | -13         |
| 2     | 0.15        | 30         | 10        | 0.158955        | -55.37           | -13         |
| 3     | 30          | 1000       | 100       | 797.87625       | -53.98           | -13         |
| 4     | 1000        | 40000      | 1000      | 38588.2         | -32.11           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272*



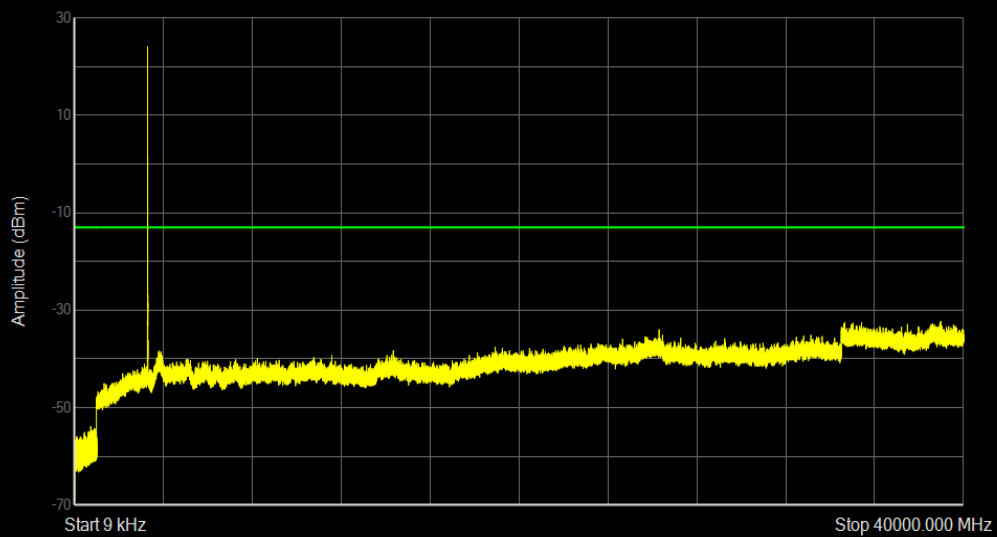
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062654025     | -58.13           | -13         |
| 2     | 0.15        | 30         | 10        | 0.158955        | -55.12           | -13         |
| 3     | 30          | 1000       | 100       | 906.88          | -54.47           | -13         |
| 4     | 1000        | 40000      | 1000      | 38964.55        | -32.25           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0*

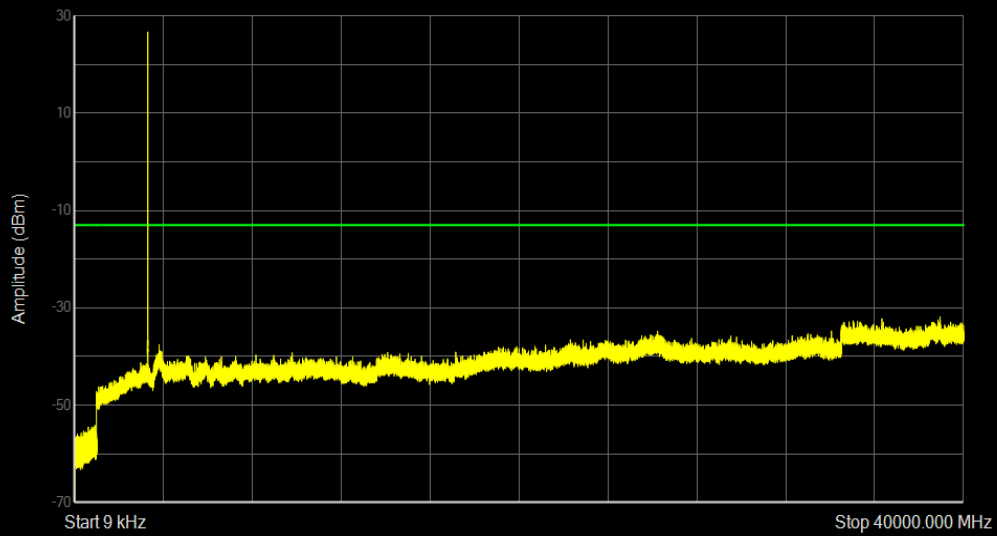


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062823225     | -57.99           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16194         | -54.07           | -13         |
| 3     | 30          | 1000       | 100       | 863.8605        | -53.59           | -13         |
| 4     | 1000        | 40000      | 1000      | 36653.8         | -32.2            | -13         |

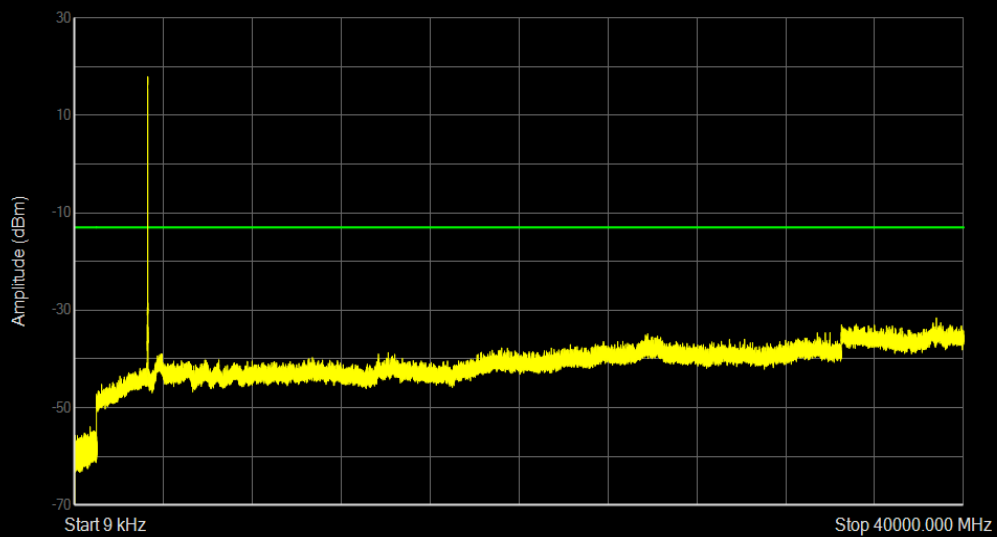
*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=1@0*



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0626505       | -57.42           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1514925       | -53.62           | -13         |
| 3     | 30          | 1000       | 100       | 746.07825       | -53.85           | -13         |
| 4     | 1000        | 40000      | 1000      | 38989.9         | -32.32           | -13         |

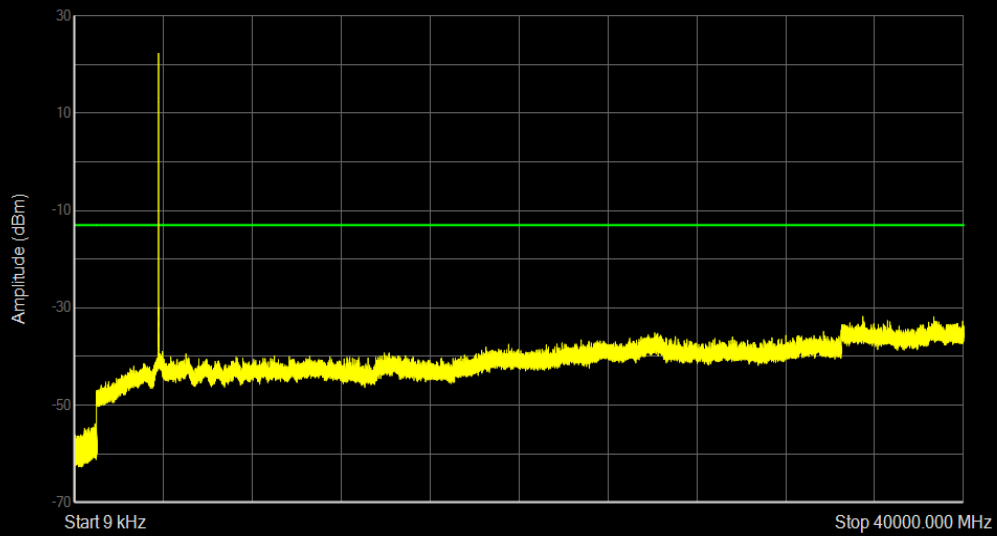
*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=1@23*

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062505975     | -57.61           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15373125      | -55.09           | -13         |
| 3     | 30          | 1000       | 100       | 934.816         | -54.18           | -13         |
| 4     | 1000        | 40000      | 1000      | 38943.1         | -31.85           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=620334 RB=24@0*

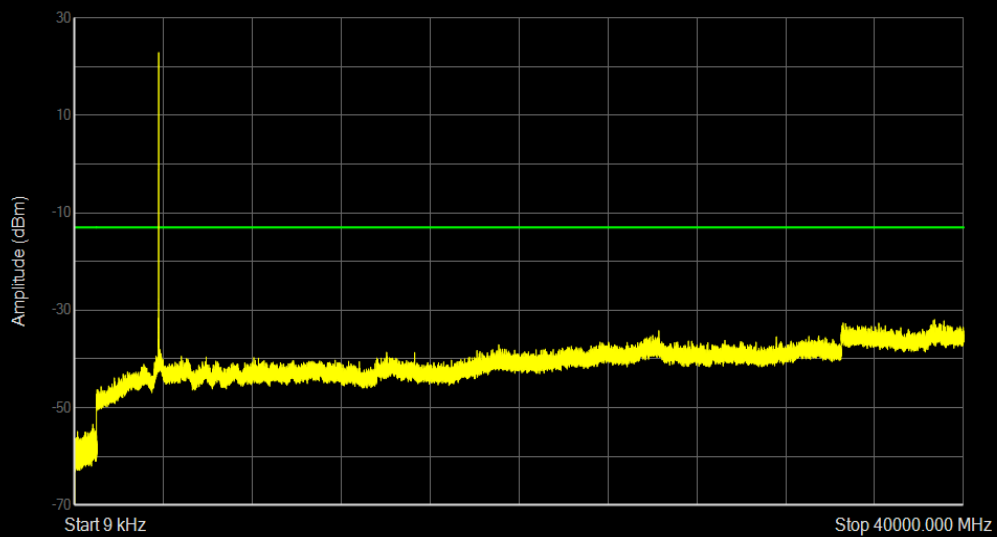
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062879625     | -57.78           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15373125      | -55.83           | -13         |
| 3     | 30          | 1000       | 100       | 715.499         | -53.94           | -13         |
| 4     | 1000        | 40000      | 1000      | 38778.325       | -31.58           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=1@0*



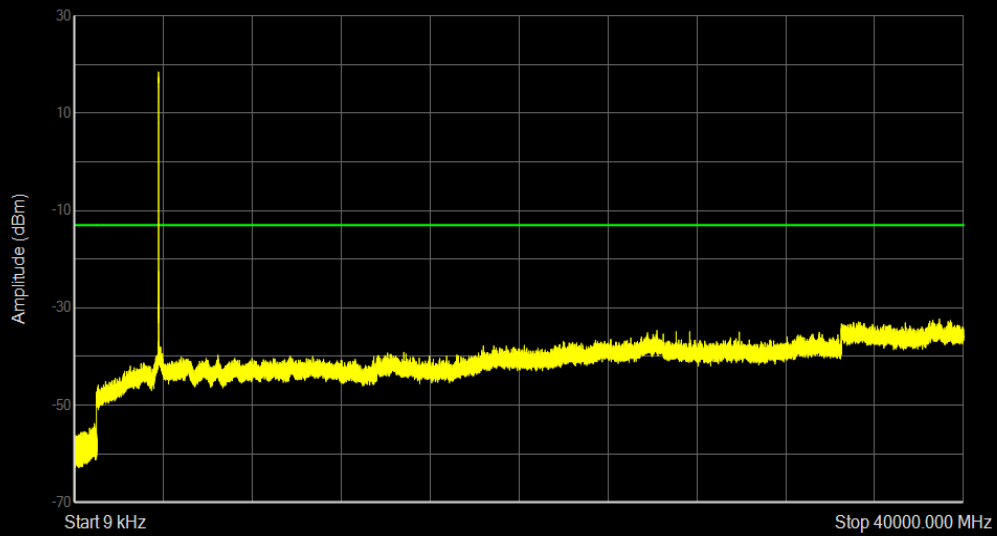
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.06254475      | -58.23           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -53.76           | -13         |
| 3     | 30          | 1000       | 100       | 934.01575       | -53.84           | -13         |
| 4     | 1000        | 40000      | 1000      | 35469.175       | -31.77           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=1@23*



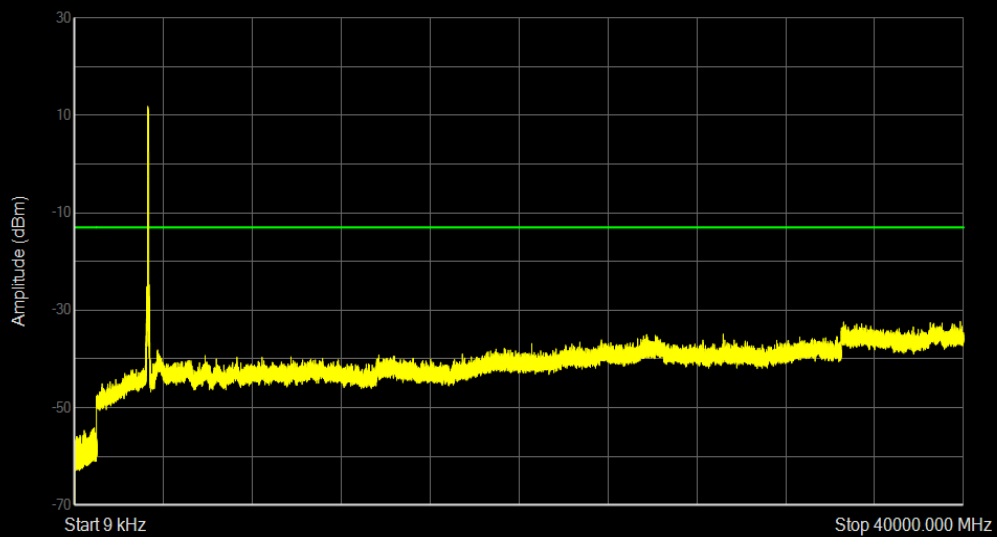
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062569425     | -57.85           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -52.88           | -13         |
| 3     | 30          | 1000       | 100       | 838.3495        | -53.46           | -13         |
| 4     | 1000        | 40000      | 1000      | 38695.45        | -31.94           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=10MHz Channel=653000 RB=24@0*



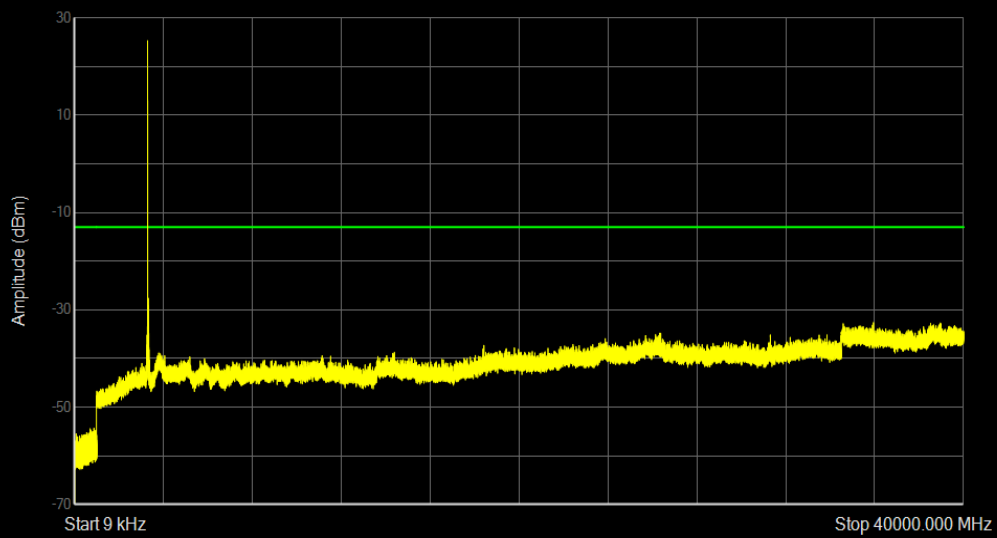
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0627915       | -58.21           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1694025       | -54.19           | -13         |
| 3     | 30          | 1000       | 100       | 905.134         | -53.76           | -13         |
| 4     | 1000        | 40000      | 1000      | 38912.875       | -32.28           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=133@0*



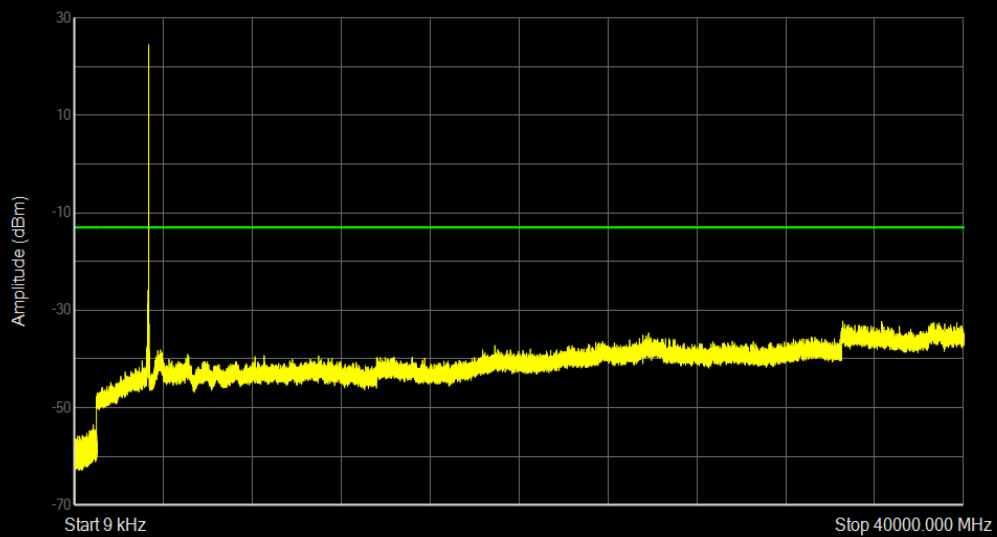
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0627069       | -57.84           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16417875      | -54.58           | -13         |
| 3     | 30          | 1000       | 100       | 905.3765        | -54.14           | -13         |
| 4     | 1000        | 40000      | 1000      | 39853.75        | -32.35           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=1@0*



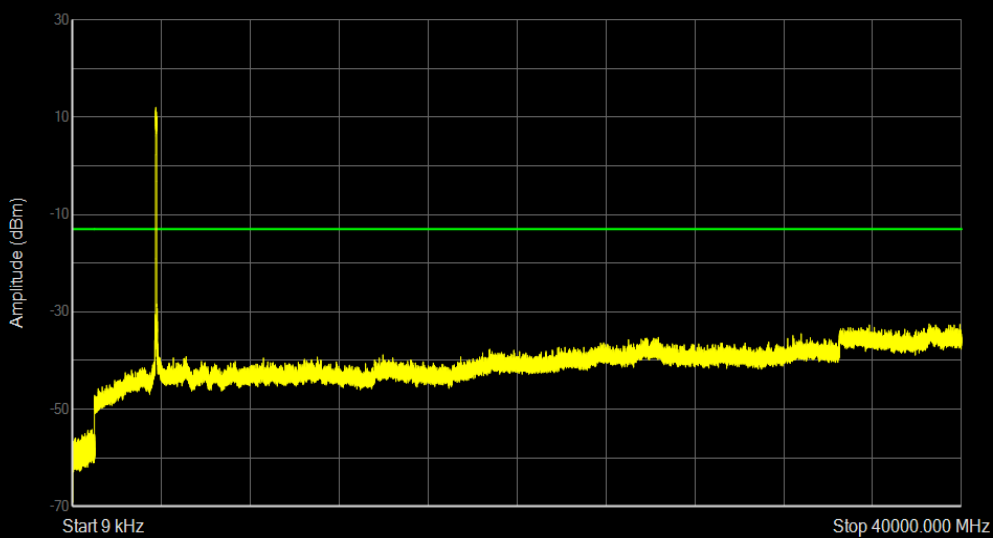
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0626505       | -57.89           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16716375      | -55.26           | -13         |
| 3     | 30          | 1000       | 100       | 884.279         | -54.39           | -13         |
| 4     | 1000        | 40000      | 1000      | 35948.875       | -32.62           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=621668 RB=1@132*



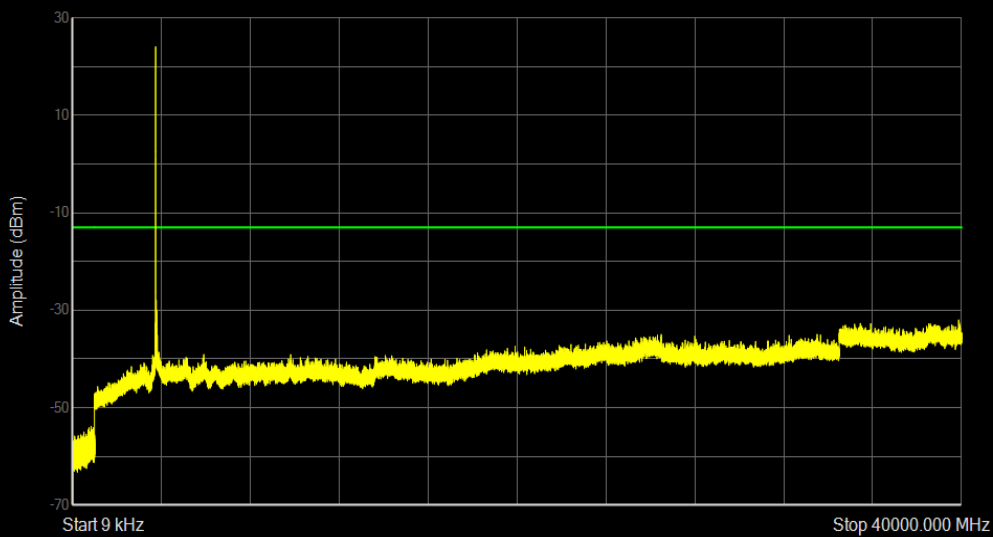
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062745675     | -57.68           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15074625      | -54.77           | -13         |
| 3     | 30          | 1000       | 100       | 856.17325       | -53.5            | -13         |
| 4     | 1000        | 40000      | 1000      | 34568.275       | -32.24           | -13         |

*n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=133@0*



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.062724525     | -57.2            | -13         |
| 2     | 0.15        | 30         | 10        | 0.152985        | -55.42           | -13         |
| 3     | 30          | 1000       | 100       | 894.561         | -54.23           | -13         |
| 4     | 1000        | 40000      | 1000      | 38540.425       | -32.5            | -13         |

*n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=1@0*



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.06292545      | -57.84           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1544775       | -55.52           | -13         |
| 3     | 30          | 1000       | 100       | 851.42025       | -53.82           | -13         |
| 4     | 1000        | 40000      | 1000      | 39869.35        | -32              | -13         |

n78 SCS=30kHz CP\_QPSK BW=50MHz Channel=651666 RB=1@132

