

## 1 Conducted output power for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Gain<br>(dBm) | EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|---------------|---------------|------------------------|---------|
| n78(3700-3800) | 30           | 70                 | 649000        | 90@45            | DFT_BPSK   | 25.57          | -0.7          | 24.87         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | DFT_BPSK   | 25.40          | -0.7          | 24.70         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | DFT_BPSK   | 25.40          | -0.7          | 24.70         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 90@45            | DFT_QPSK   | 25.59          | -0.7          | 24.89         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | DFT_QPSK   | 25.41          | -0.7          | 24.71         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | DFT_QPSK   | 25.30          | -0.7          | 24.60         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 90@45            | DFT_QAM16  | 24.55          | -0.7          | 23.85         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | DFT_QAM16  | 24.34          | -0.7          | 23.64         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | DFT_QAM16  | 24.37          | -0.7          | 23.67         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 90@45            | DFT_QAM64  | 23.13          | -0.7          | 22.43         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | DFT_QAM64  | 22.81          | -0.7          | 22.11         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | DFT_QAM64  | 22.88          | -0.7          | 22.18         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 90@45            | DFT_QAM256 | 21.10          | -0.7          | 20.40         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | DFT_QAM256 | 20.97          | -0.7          | 20.27         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | DFT_QAM256 | 20.98          | -0.7          | 20.28         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 95@47            | CP_QPSK    | 24.07          | -0.7          | 23.37         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | CP_QPSK    | 23.74          | -0.7          | 23.04         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | CP_QPSK    | 23.76          | -0.7          | 23.06         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 95@47            | CP_QAM16   | 23.51          | -0.7          | 22.81         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | CP_QAM16   | 23.41          | -0.7          | 22.71         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | CP_QAM16   | 23.71          | -0.7          | 23.01         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 95@47            | CP_QAM64   | 22.12          | -0.7          | 21.42         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | CP_QAM64   | 22.22          | -0.7          | 21.52         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | CP_QAM64   | 22.16          | -0.7          | 21.46         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 95@47            | CP_QAM256  | 19.08          | -0.7          | 18.38         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@1              | CP_QAM256  | 18.79          | -0.7          | 18.09         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@187            | CP_QAM256  | 18.90          | -0.7          | 18.20         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 90@45            | DFT_BPSK   | 25.54          | -0.7          | 24.84         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@1              | DFT_BPSK   | 25.60          | -0.7          | 24.90         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@187            | DFT_BPSK   | 25.44          | -0.7          | 24.74         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 90@45            | DFT_QPSK   | 25.54          | -0.7          | 24.84         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@1              | DFT_QPSK   | 25.52          | -0.7          | 24.82         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@187            | DFT_QPSK   | 25.33          | -0.7          | 24.63         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 90@45            | DFT_QAM16  | 24.52          | -0.7          | 23.82         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@1              | DFT_QAM16  | 24.56          | -0.7          | 23.86         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@187            | DFT_QAM16  | 24.41          | -0.7          | 23.71         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 90@45            | DFT_QAM64  | 23.01          | -0.7          | 22.31         | 33.01                  | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@1              | DFT_QAM64  | 23.14          | -0.7          | 22.44         | 33.01                  | PASS    |

|                |    |    |        |       |            |       |      |       |       |      |
|----------------|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | DFT_QAM64  | 22.89 | -0.7 | 22.19 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 90@45 | DFT_QAM256 | 21.06 | -0.7 | 20.36 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@1   | DFT_QAM256 | 21.22 | -0.7 | 20.52 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | DFT_QAM256 | 21.06 | -0.7 | 20.36 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 95@47 | CP_QPSK    | 24.01 | -0.7 | 23.31 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@1   | CP_QPSK    | 23.96 | -0.7 | 23.26 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | CP_QPSK    | 23.82 | -0.7 | 23.12 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 95@47 | CP_QAM16   | 23.44 | -0.7 | 22.74 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@1   | CP_QAM16   | 23.94 | -0.7 | 23.24 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | CP_QAM16   | 23.75 | -0.7 | 23.05 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 95@47 | CP_QAM64   | 22.06 | -0.7 | 21.36 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@1   | CP_QAM64   | 22.56 | -0.7 | 21.86 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | CP_QAM64   | 22.34 | -0.7 | 21.64 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 95@47 | CP_QAM256  | 19.05 | -0.7 | 18.35 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@1   | CP_QAM256  | 19.15 | -0.7 | 18.45 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 650000 | 1@187 | CP_QAM256  | 19.01 | -0.7 | 18.31 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 90@45 | DFT_BPSK   | 25.52 | -0.7 | 24.82 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | DFT_BPSK   | 25.51 | -0.7 | 24.81 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | DFT_BPSK   | 25.42 | -0.7 | 24.72 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 90@45 | DFT_QPSK   | 25.47 | -0.7 | 24.77 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | DFT_QPSK   | 25.40 | -0.7 | 24.70 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | DFT_QPSK   | 25.31 | -0.7 | 24.61 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 90@45 | DFT_QAM16  | 24.47 | -0.7 | 23.77 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | DFT_QAM16  | 24.44 | -0.7 | 23.74 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | DFT_QAM16  | 24.36 | -0.7 | 23.66 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 90@45 | DFT_QAM64  | 23.03 | -0.7 | 22.33 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | DFT_QAM64  | 22.92 | -0.7 | 22.22 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | DFT_QAM64  | 22.82 | -0.7 | 22.12 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 90@45 | DFT_QAM256 | 21.02 | -0.7 | 20.32 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | DFT_QAM256 | 21.19 | -0.7 | 20.49 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | DFT_QAM256 | 21.03 | -0.7 | 20.33 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 95@47 | CP_QPSK    | 24.04 | -0.7 | 23.34 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | CP_QPSK    | 23.86 | -0.7 | 23.16 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | CP_QPSK    | 23.77 | -0.7 | 23.07 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 95@47 | CP_QAM16   | 23.42 | -0.7 | 22.72 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | CP_QAM16   | 23.85 | -0.7 | 23.15 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | CP_QAM16   | 23.73 | -0.7 | 23.03 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 95@47 | CP_QAM64   | 22.01 | -0.7 | 21.31 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | CP_QAM64   | 22.45 | -0.7 | 21.75 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | CP_QAM64   | 22.11 | -0.7 | 21.41 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 95@47 | CP_QAM256  | 19.12 | -0.7 | 18.42 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@1   | CP_QAM256  | 19.00 | -0.7 | 18.30 | 33.01 | PASS |
| n78(3700-3800) | 30 | 70 | 651000 | 1@187 | CP_QAM256  | 18.86 | -0.7 | 18.16 | 33.01 | PASS |

## 2 Frequency stability for NR FR1

NT:

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|--------------------------------------|---------|
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 3.45          | -19.23     | -0.01        | Within authorized band for 5G NR n78 | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 3.85          | -22.96     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 4.40          | -16.60     | 0.00         |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 3.45          | -19.69     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 3.85          | -23.13     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 4.40          | -22.26     | -0.01        |                                      | PASS    |

Note: Only the worst case shown in the report.

NV:

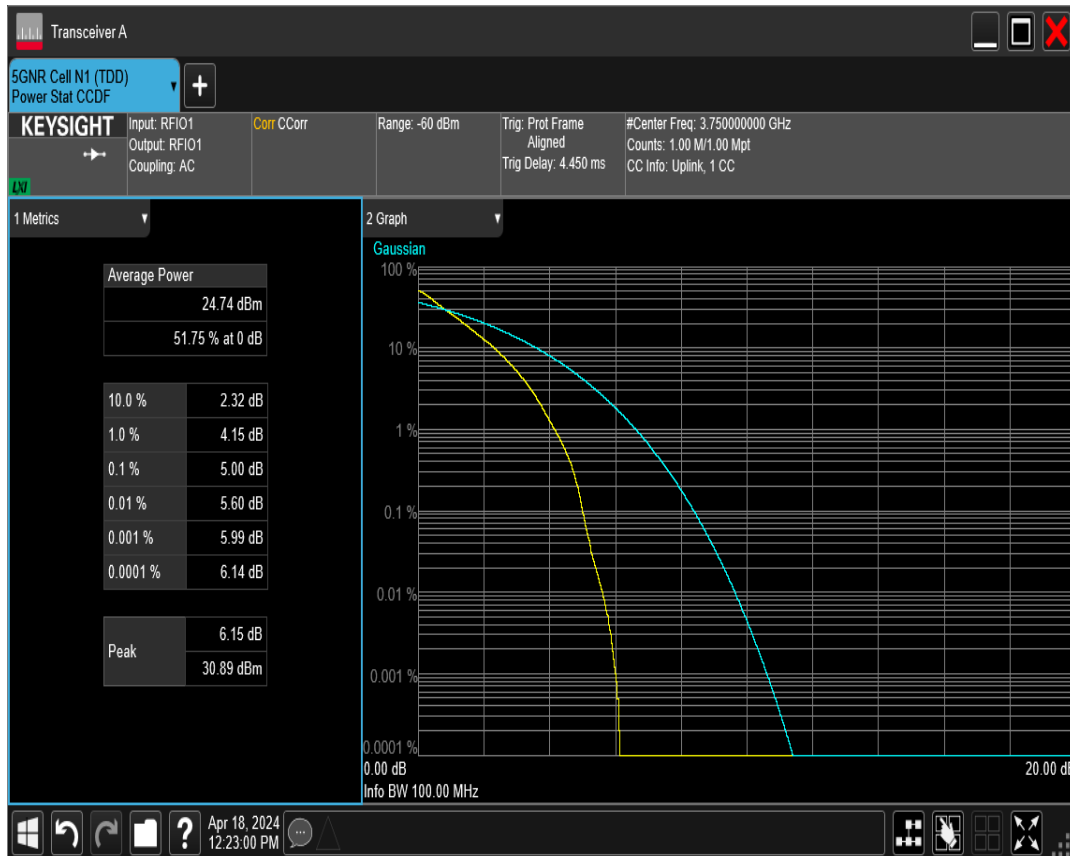
| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|--------------------------------------|---------|
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | -30           | -26.31     | -0.01        | Within authorized band for 5G NR n78 | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | -20           | -26.66     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | -10           | -23.34     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 0             | -20.64     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 10            | -23.52     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 20            | -24.55     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 30            | -25.2      | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 40            | -20.91     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_BPSK   | 50            | -22.41     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | -30           | -24.79     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | -20           | -20.92     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | -10           | -23.3      | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 0             | -21.76     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 10            | -23.66     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 20            | -21.45     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 30            | -22.91     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 40            | -26.39     | -0.01        |                                      | PASS    |
| n78(3700-3800) | 30        | 70              | 656000     | 90@45         | DFT_QPSK   | 50            | -26.08     | -0.01        |                                      | PASS    |

Note: Only the worst case shown in the report.

### 3 Peak-to-Average Ratio for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result<br>(dB) | high Limit<br>(dB) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------|
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_BPSK   | 5.00           | 13                 | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QPSK   | 5.99           | 13                 | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM16  | 6.77           | 13                 | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM64  | 6.97           | 13                 | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM256 | 7.13           | 13                 | PASS    |

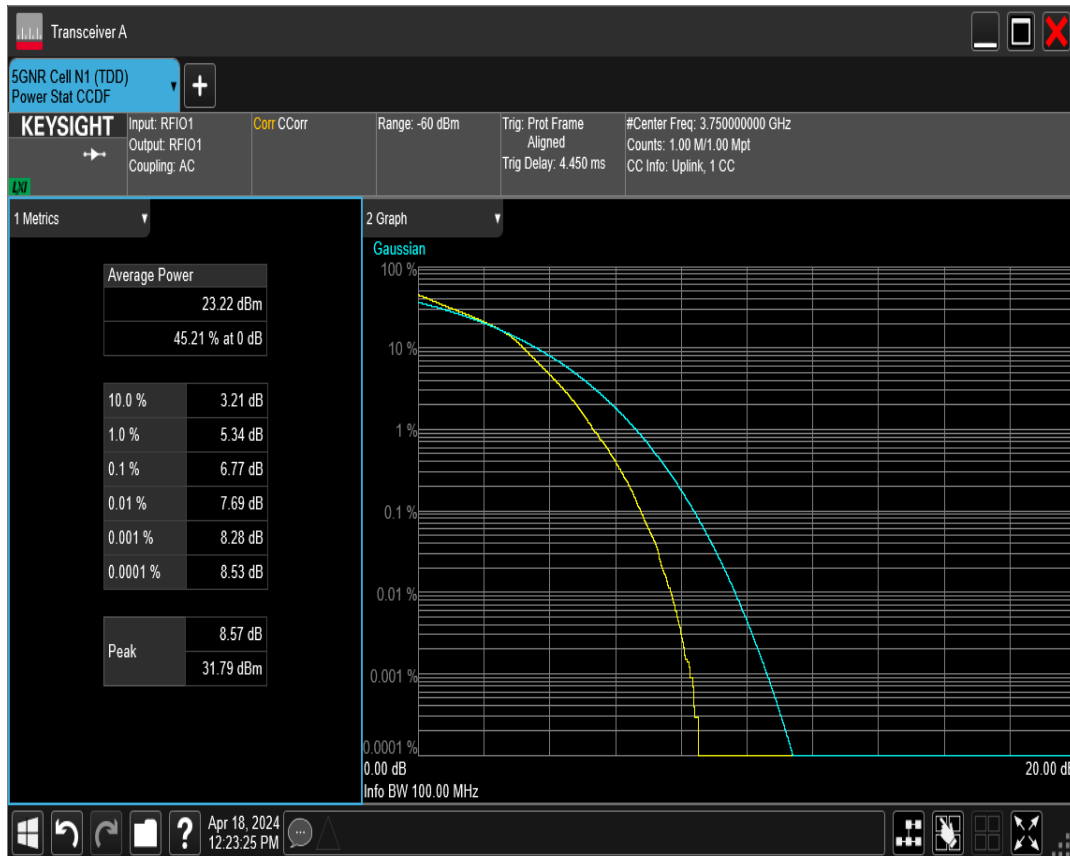
n78(3700-3800) SCS=30kHz DFT\_BPSK BW=70MHz Channel=650000 RB=180@0



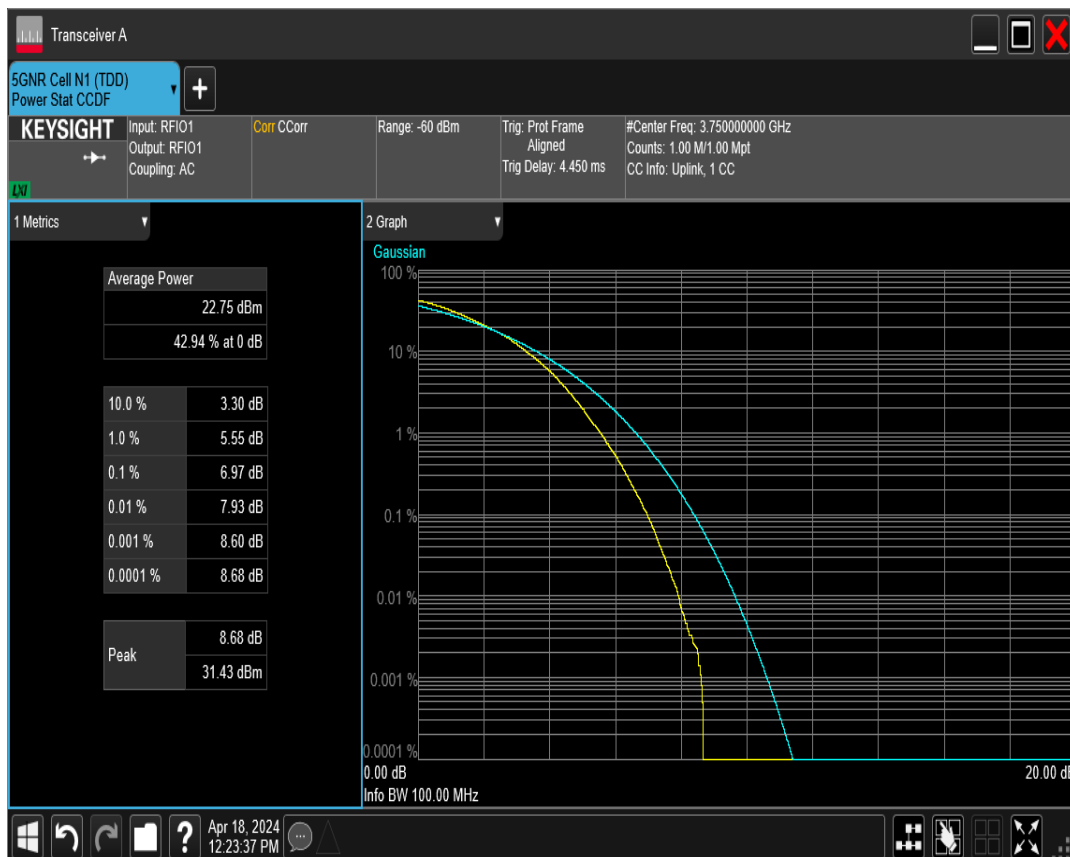
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=650000 RB=180@0



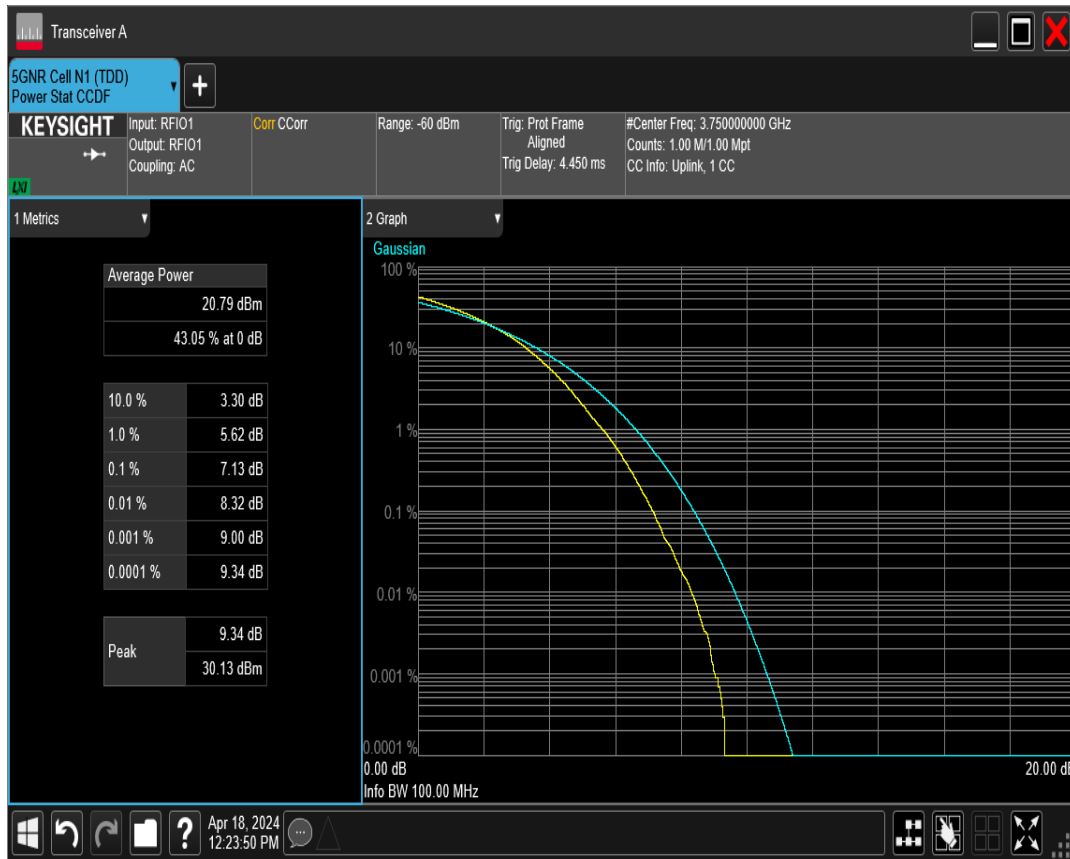
n78(3700-3800) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=650000 RB=180@0

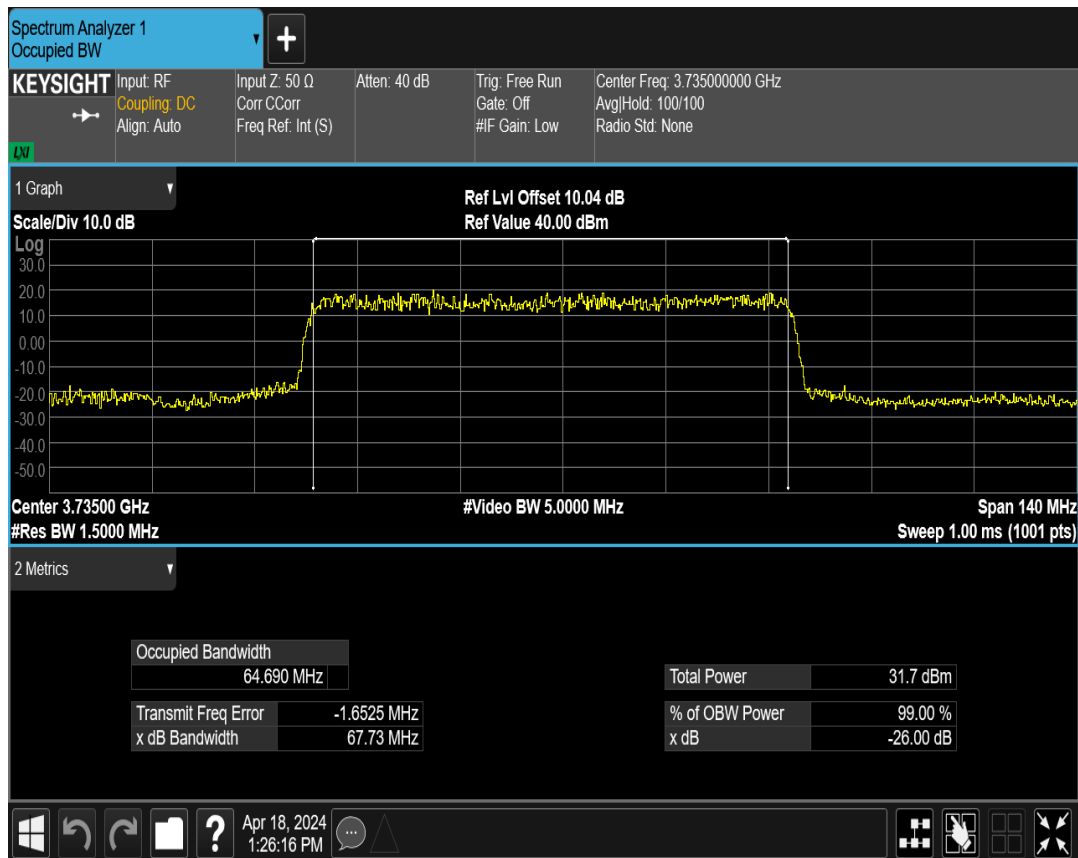


## 4 Occupied bandwidth for NR FR1

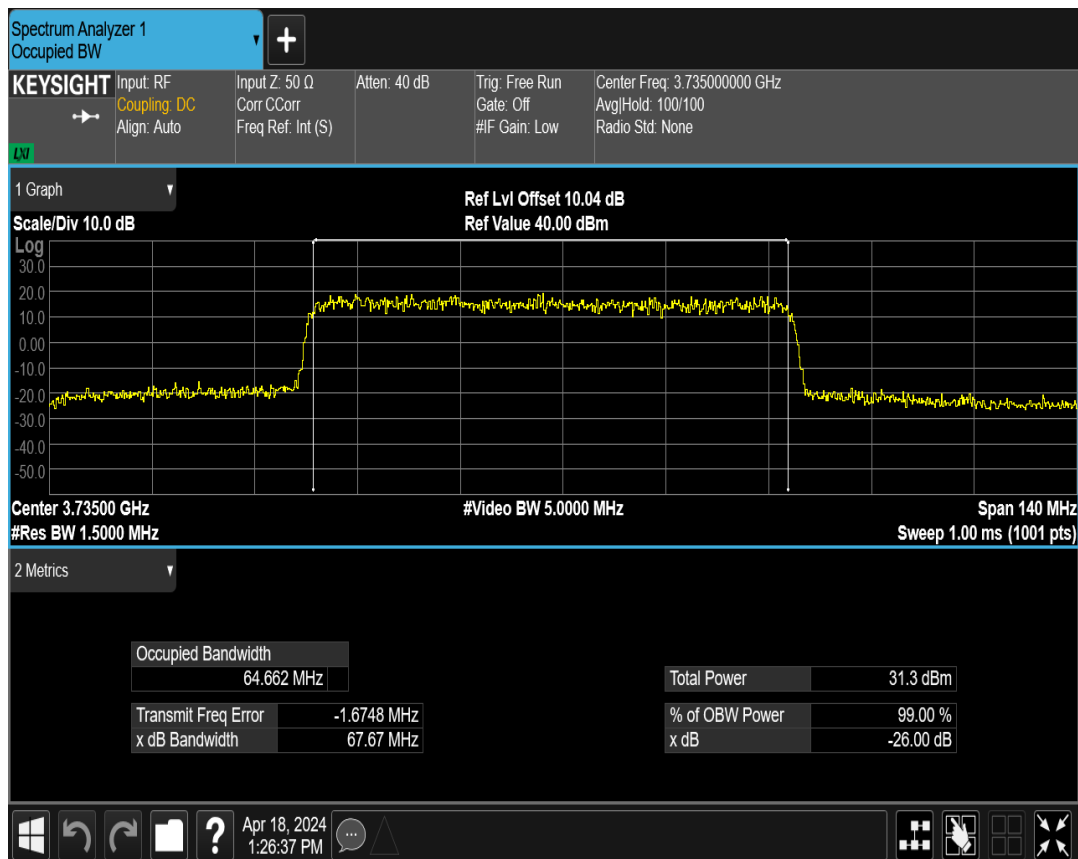
| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n78(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_BPSK   | 64.690           | 67.734             | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QPSK   | 64.662           | 67.673             | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QAM16  | 64.337           | 67.705             | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QAM64  | 64.670           | 67.973             | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QAM256 | 64.462           | 68.060             | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 189@0            | CP_QPSK    | 67.312           | 71.298             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_BPSK   | 64.444           | 68.030             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QPSK   | 64.314           | 67.850             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM16  | 64.255           | 67.863             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM64  | 64.422           | 67.624             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QAM256 | 64.330           | 67.323             | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 189@0            | CP_QPSK    | 67.275           | 71.076             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_BPSK   | 64.226           | 67.801             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QPSK   | 64.281           | 67.761             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QAM16  | 64.089           | 68.016             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QAM64  | 64.552           | 67.958             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QAM256 | 64.117           | 67.952             | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 189@0            | CP_QPSK    | 67.738           | 71.050             | PASS    |



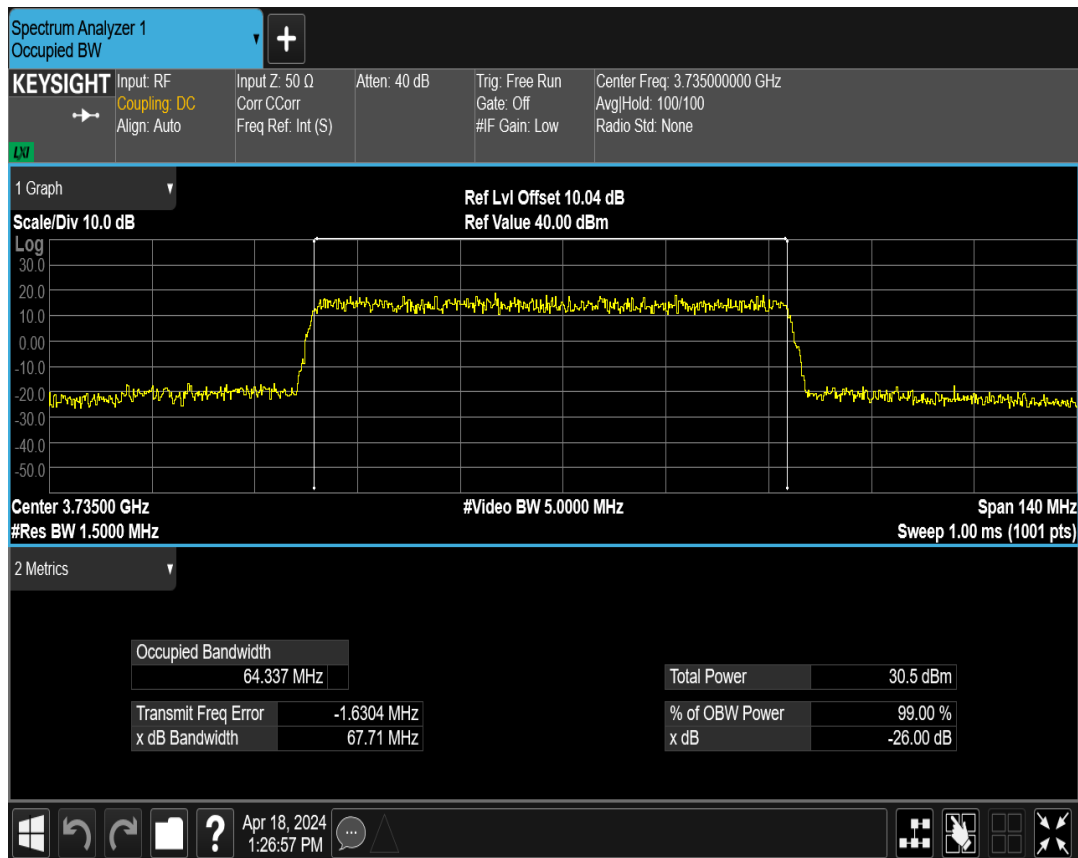
n78(3700-3800) SCS=30kHz DFT\_BPSK BW=70MHz Channel=649000 RB=180@0



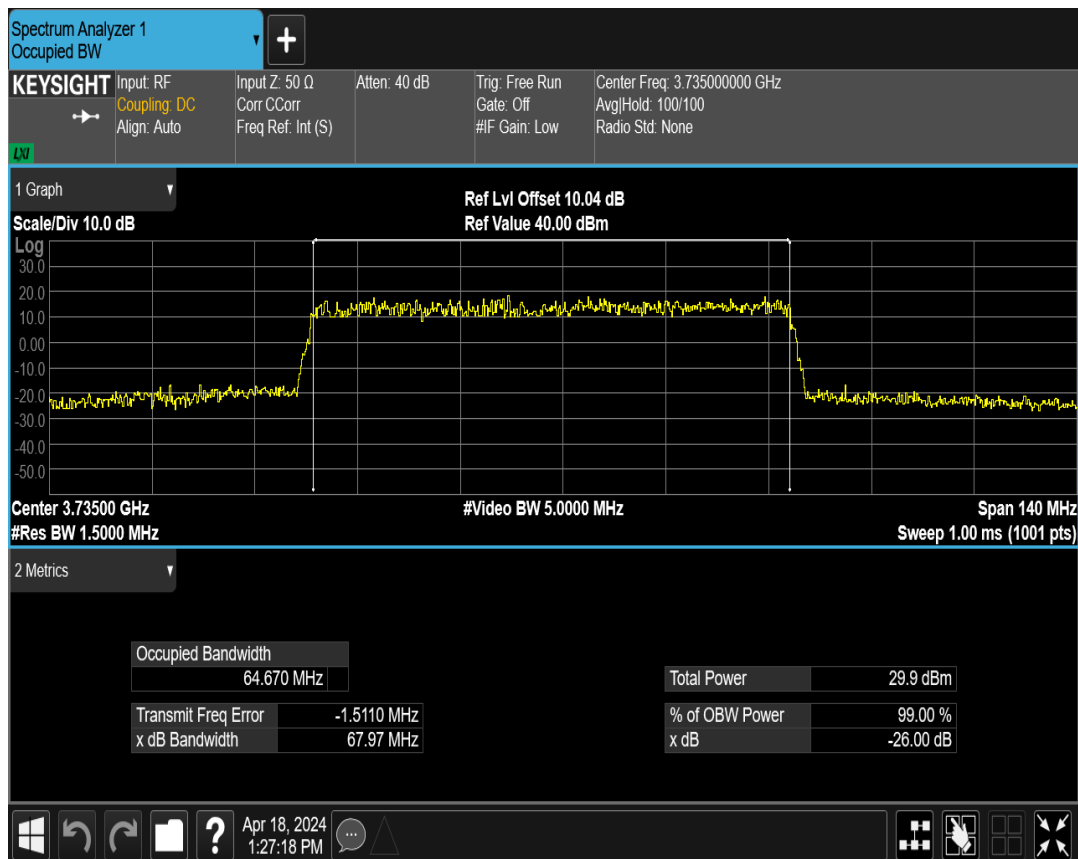
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=180@0



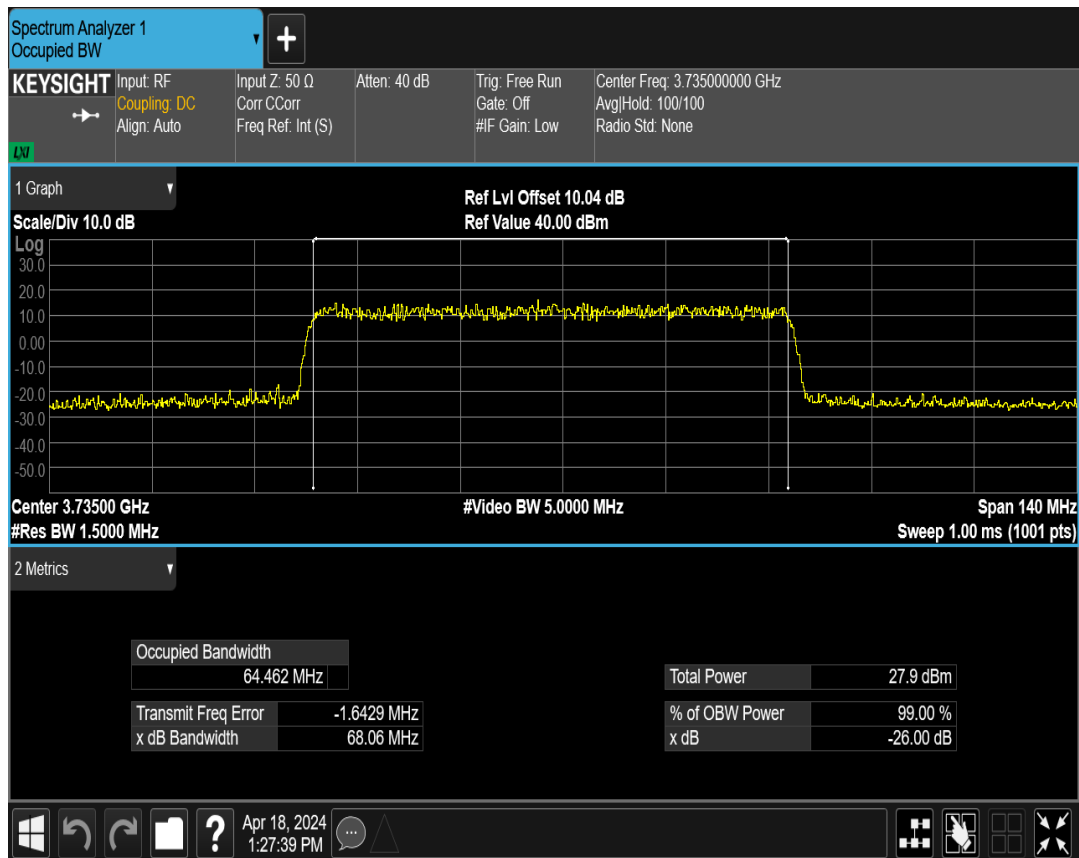
n78(3700-3800) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=649000 RB=180@0



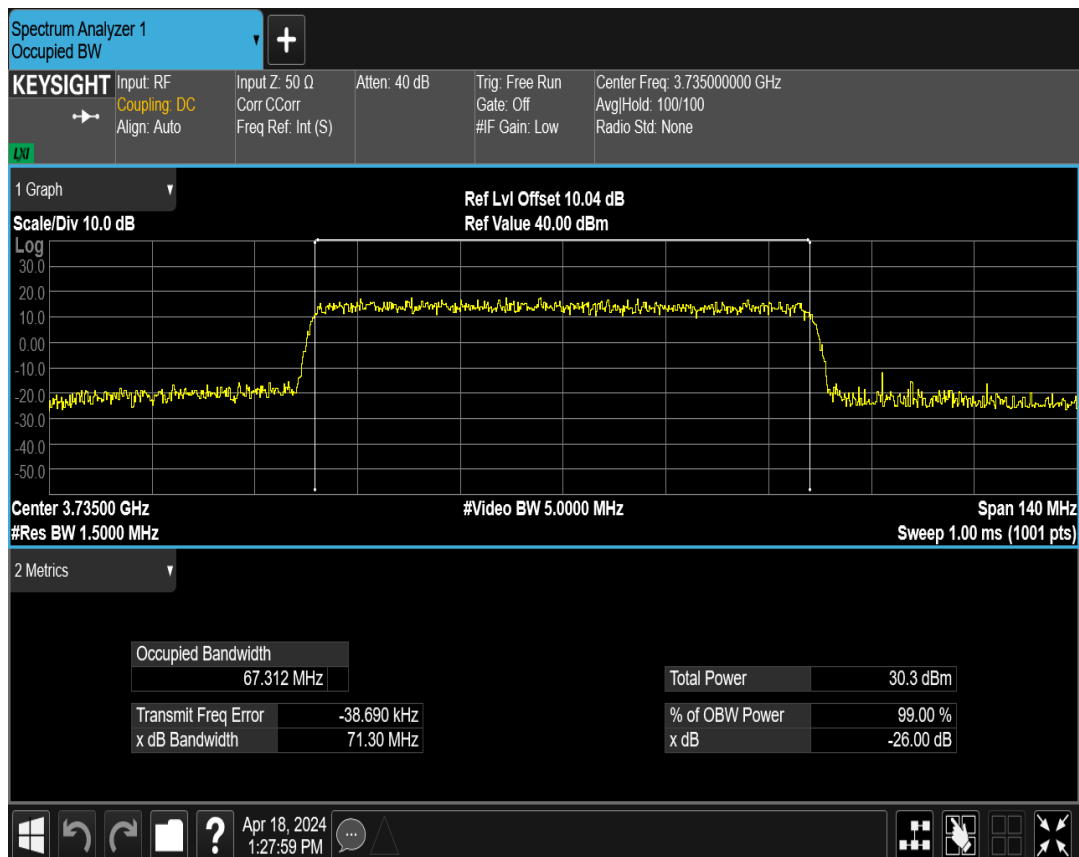
n78(3700-3800) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=649000 RB=180@0



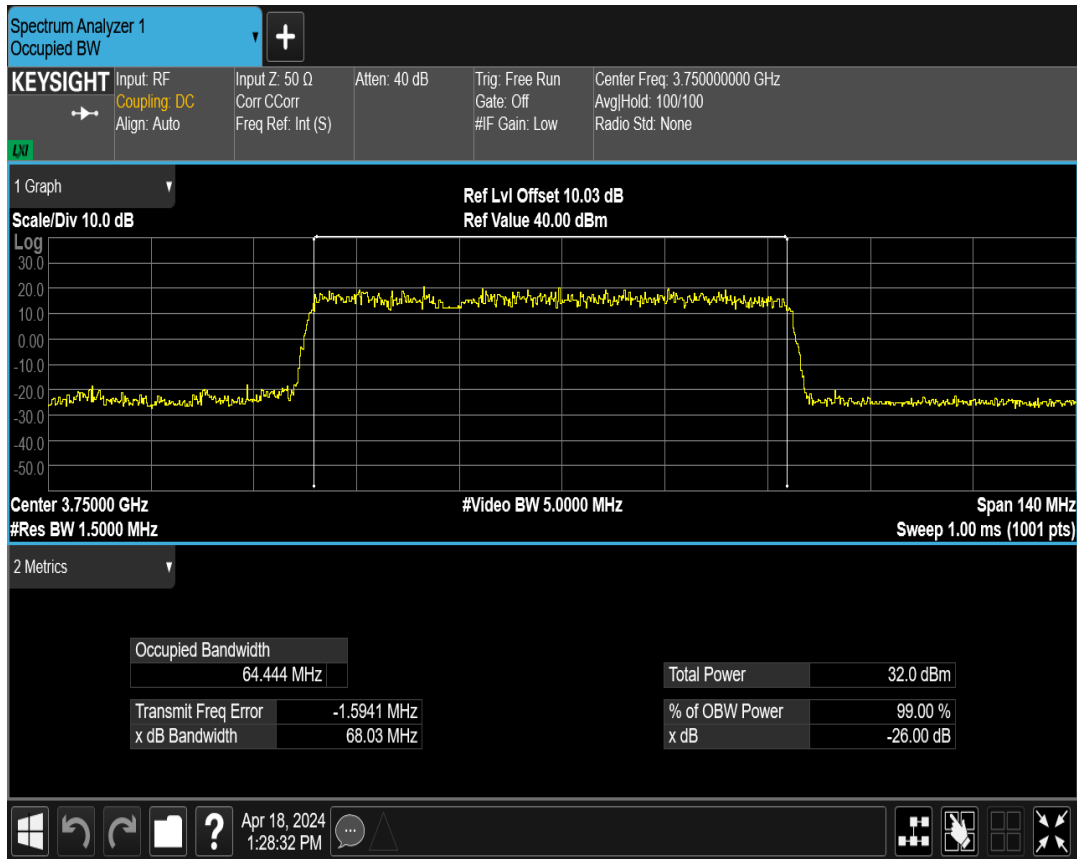
n78(3700-3800) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=649000 RB=180@0



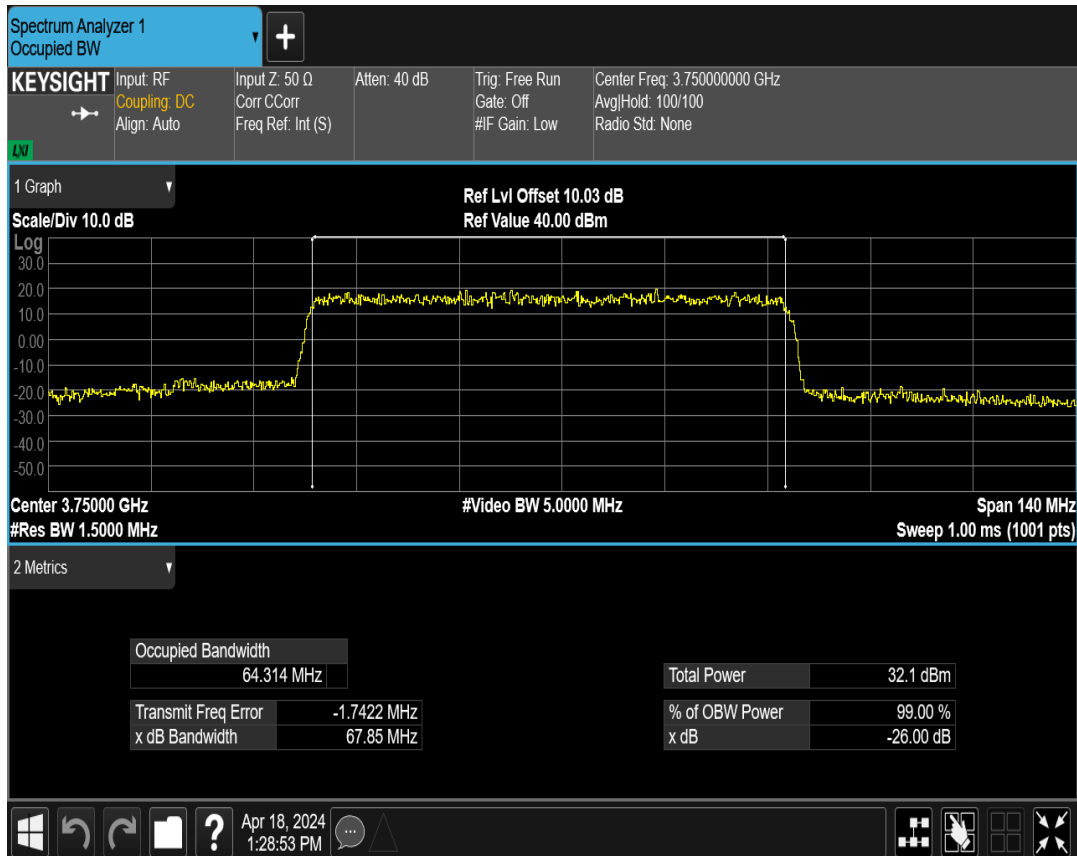
n78(3700-3800) SCS=30kHz CP\_QPSK BW=70MHz Channel=649000 RB=189@0



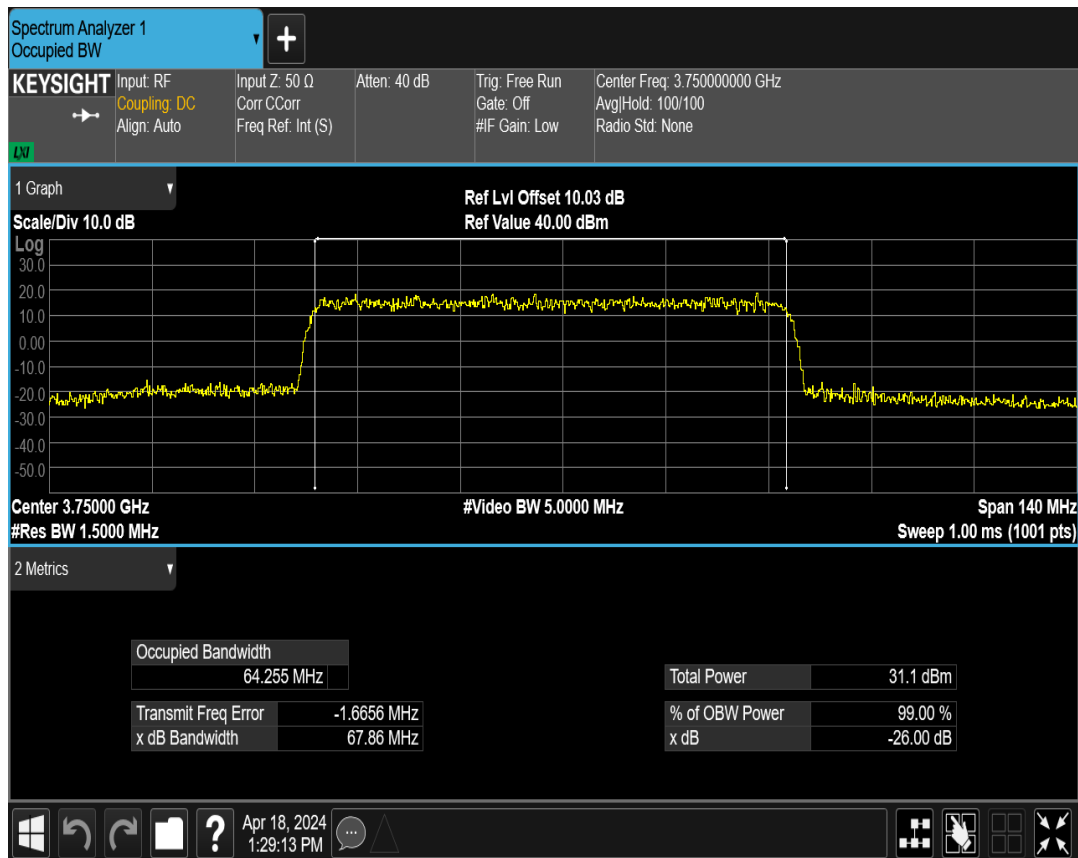
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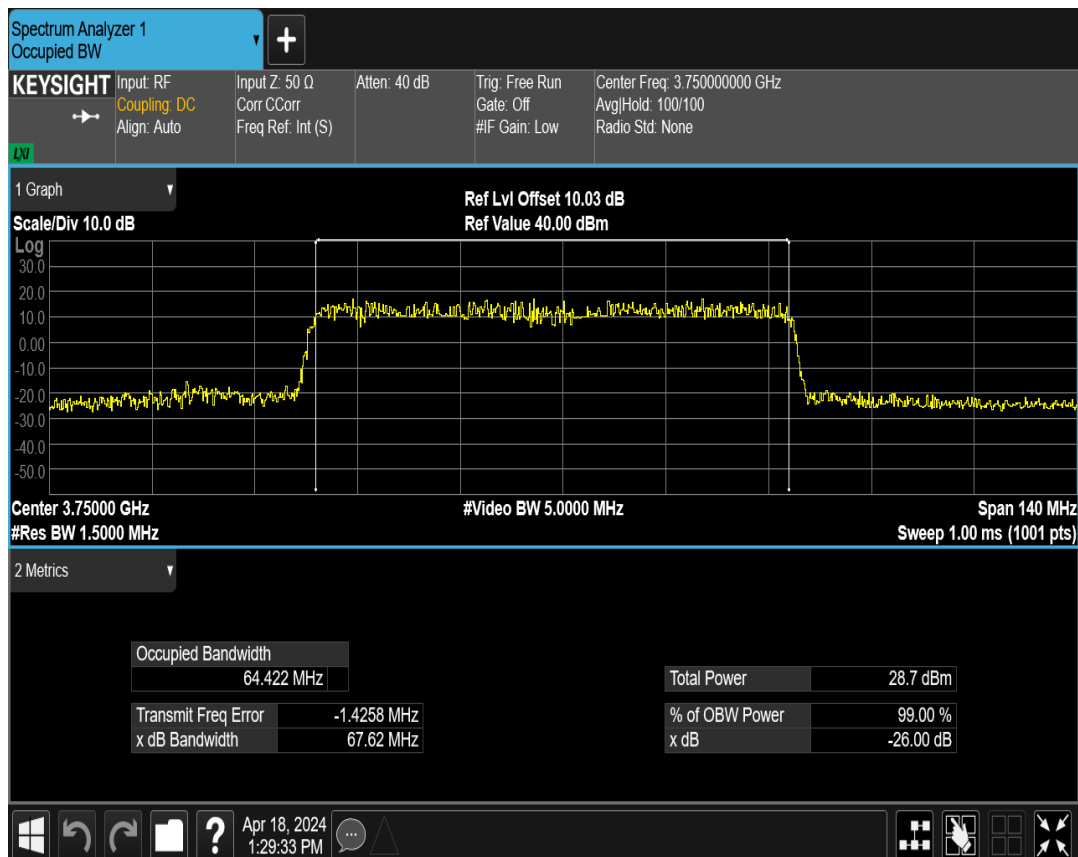
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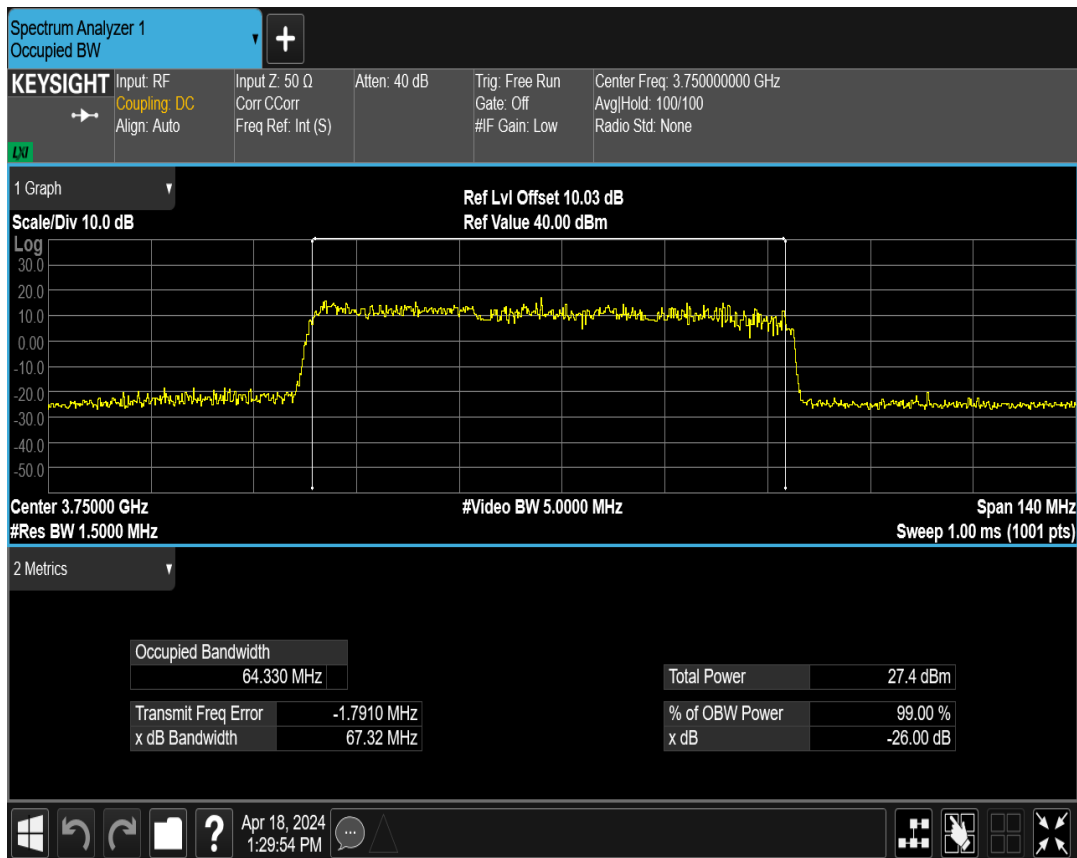
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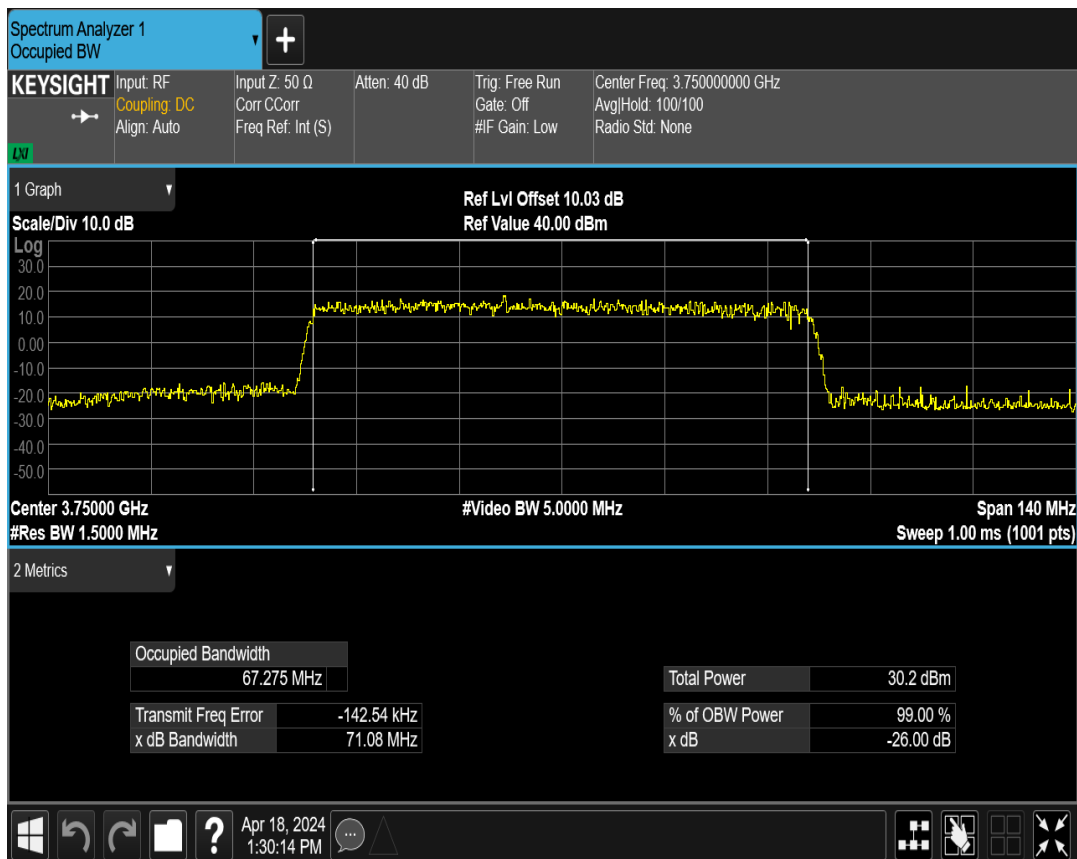
n78(3700-3800) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=650000 RB=180@0



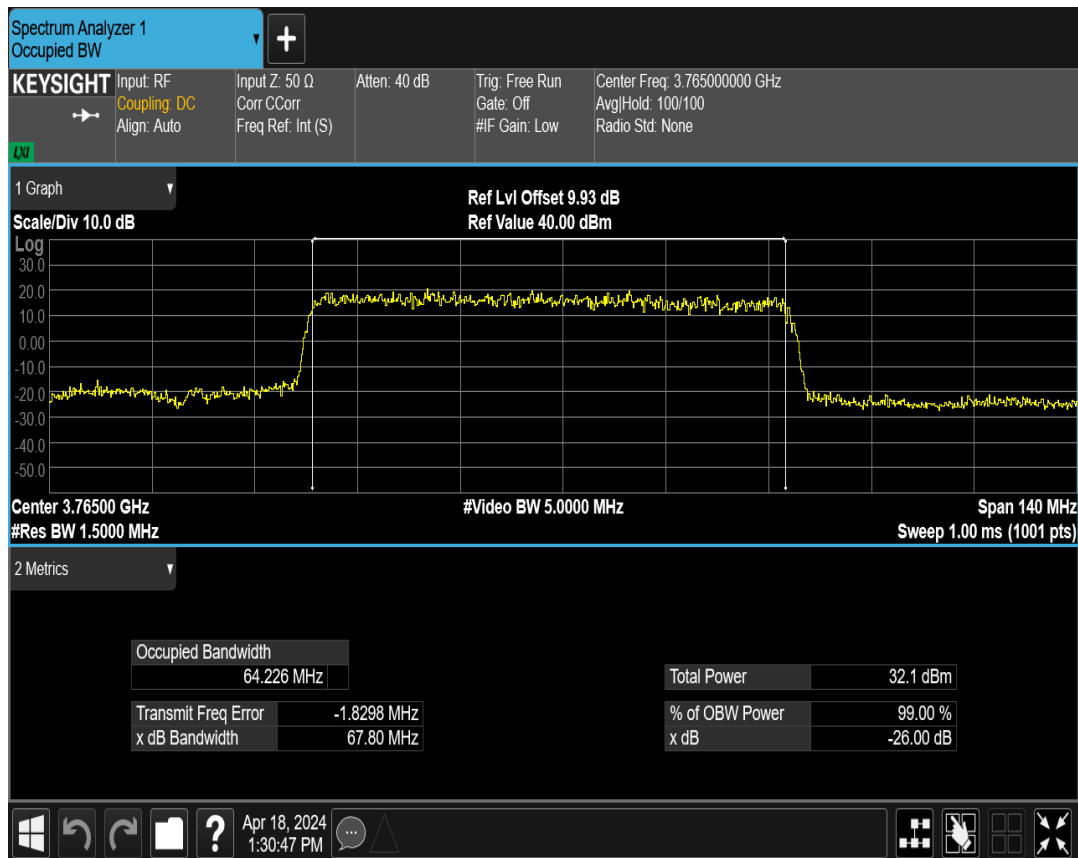
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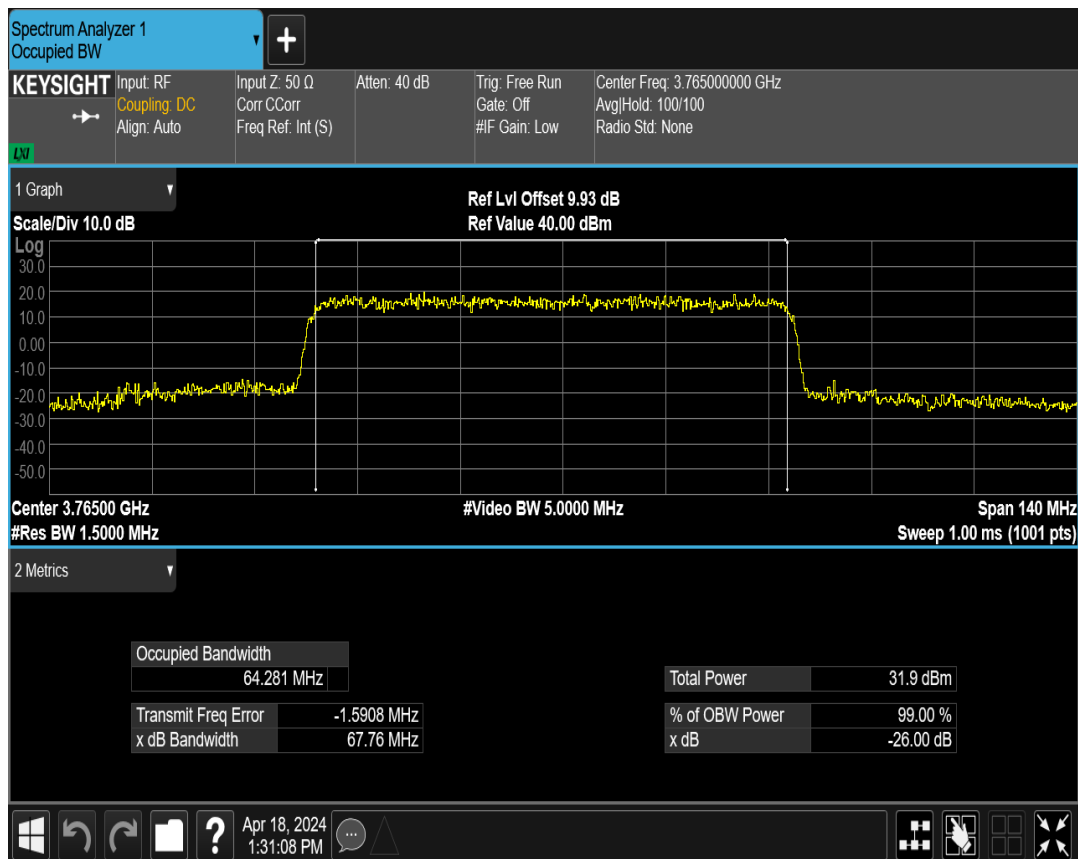
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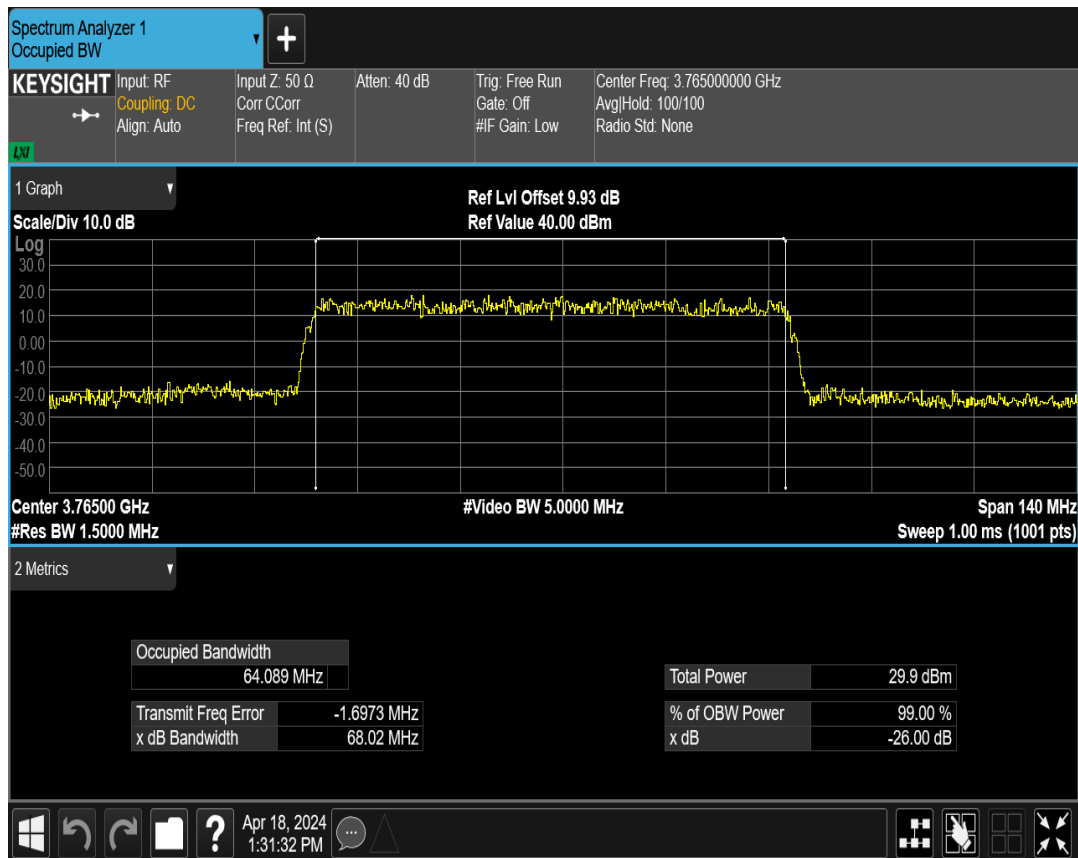
n78(3700-3800) SCS=30kHz DFT\_BPSK BW=70MHz Channel=651000 RB=180@0



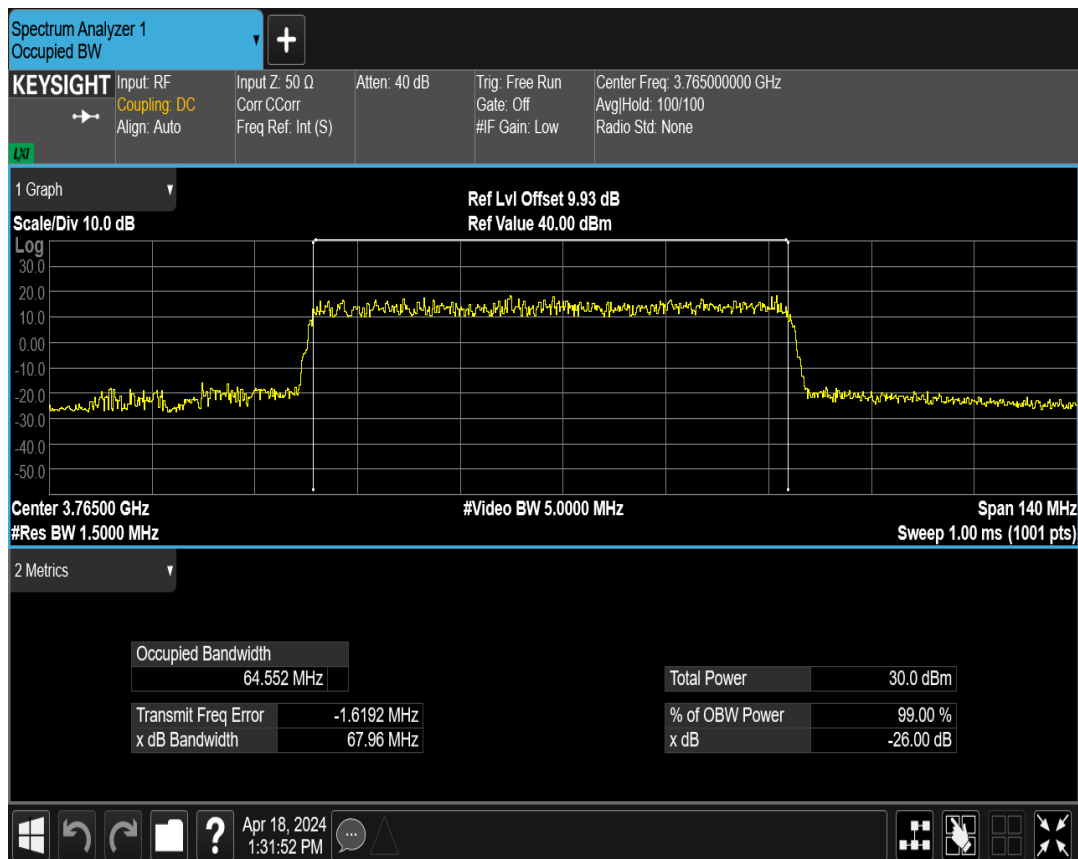
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=651000 RB=180@0

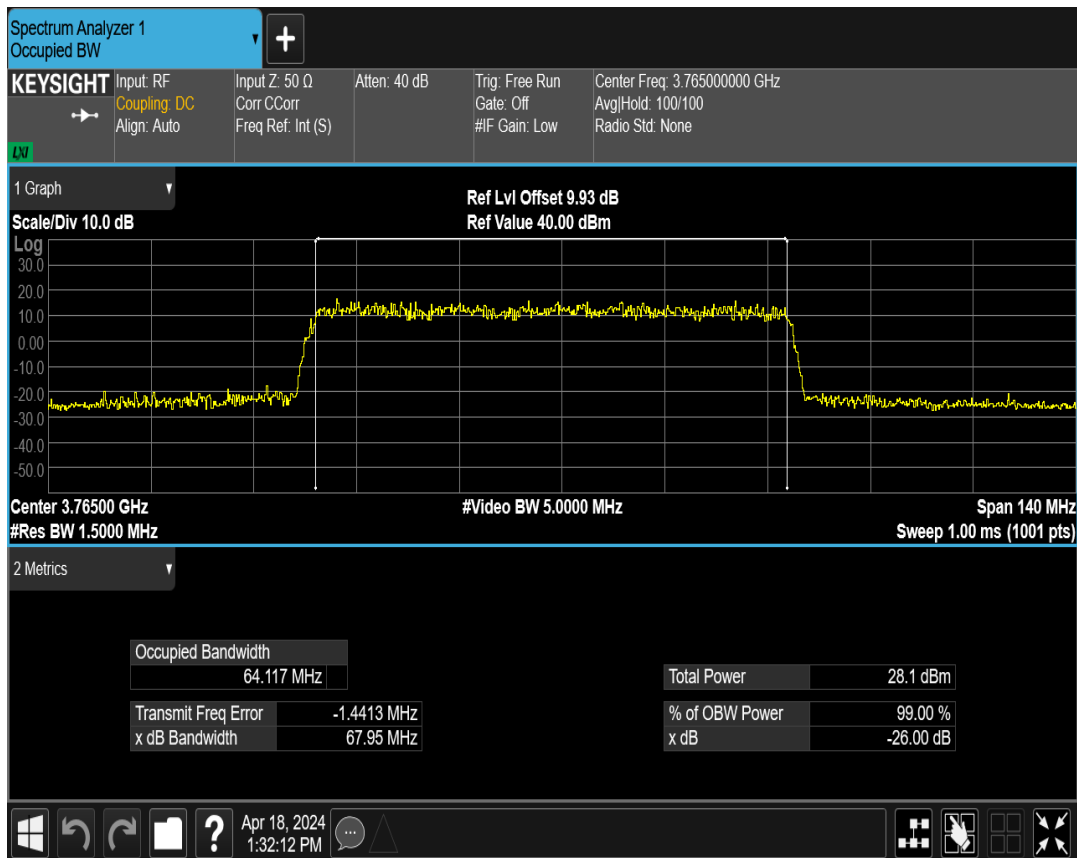


n78(3700-3800) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=651000 RB=180@0

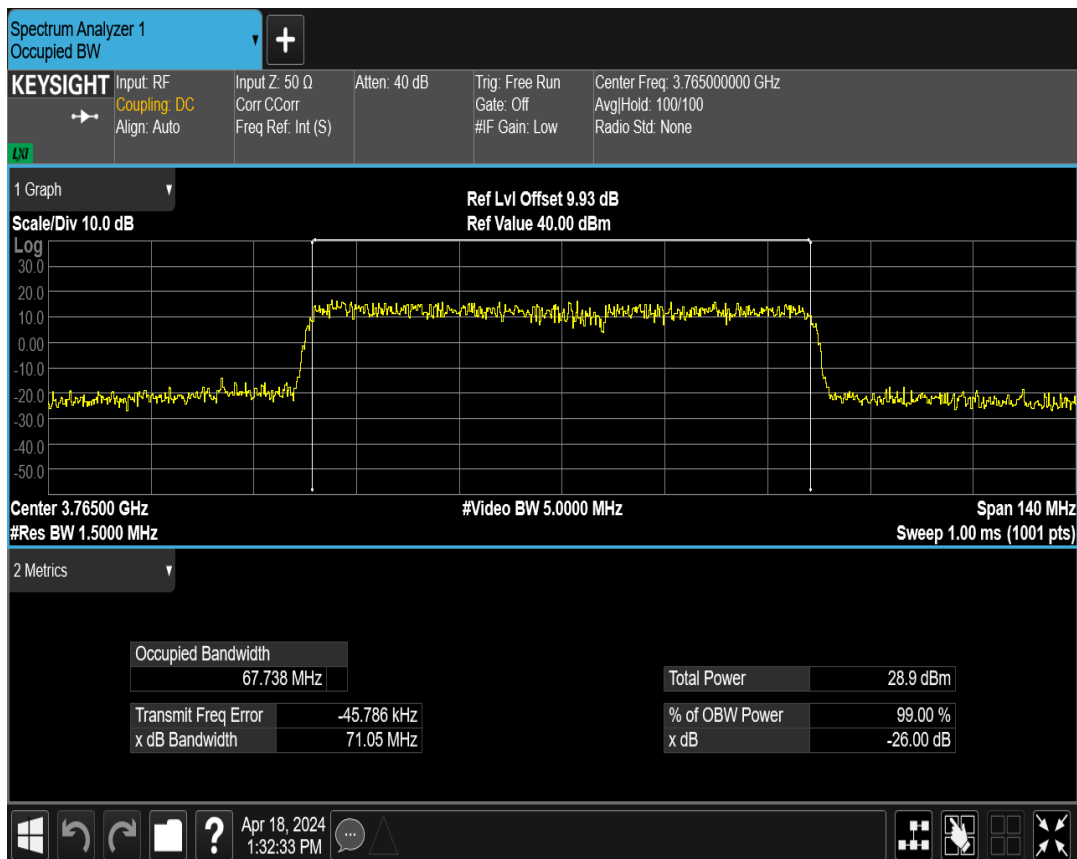




n78(3700-3800) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=651000 RB=180@0



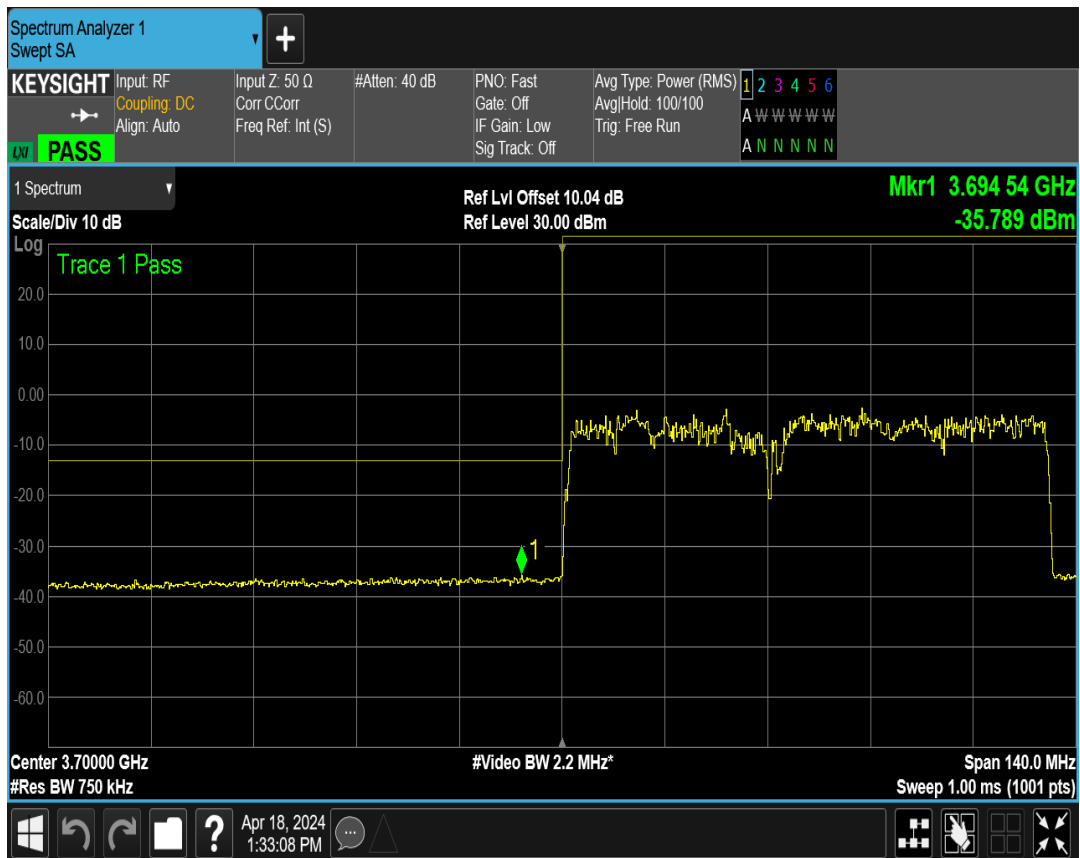
n78(3700-3800) SCS=30kHz CP\_QPSK BW=70MHz Channel=651000 RB=189@0



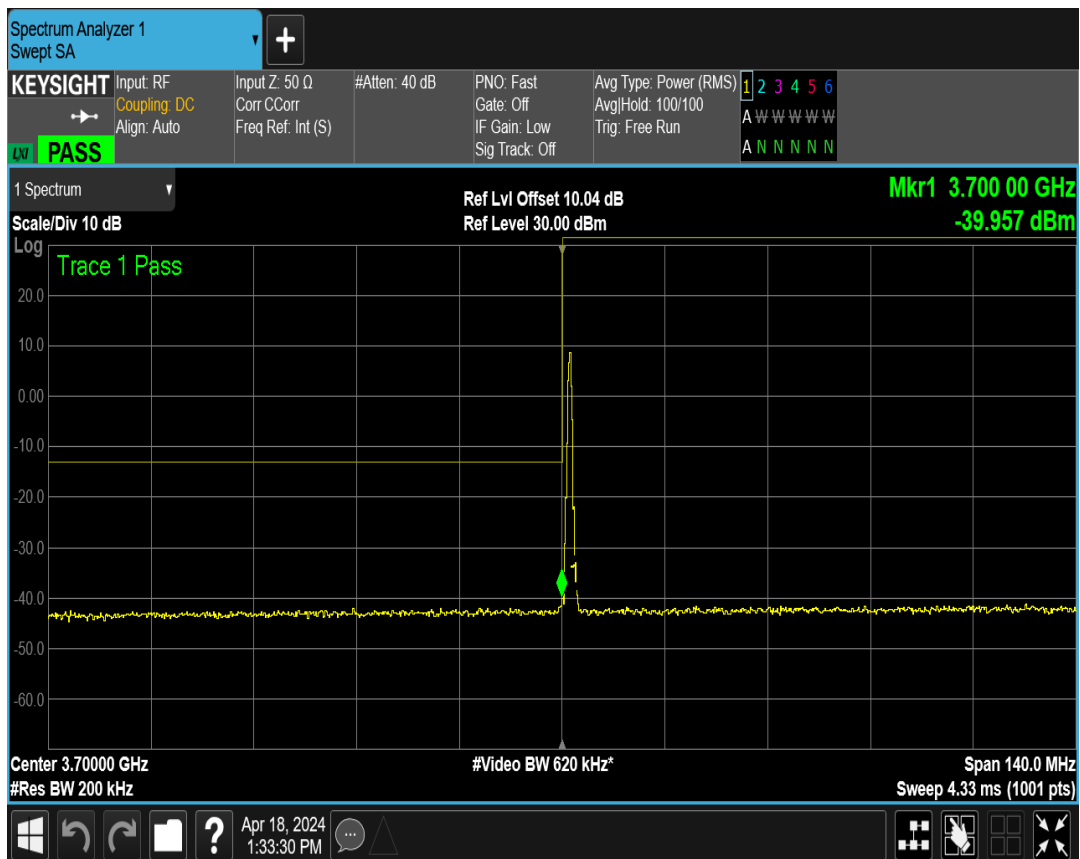
## 5 Band edge for NR FR1

| 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(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QPSK   | 3694.54            | -35.79              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@0              | DFT_QPSK   | 3700.00            | -39.96              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QPSK   | 3806.16            | -34.98              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 1@188            | DFT_QPSK   | 3800.00            | -41.34              | -13            | PASS    |

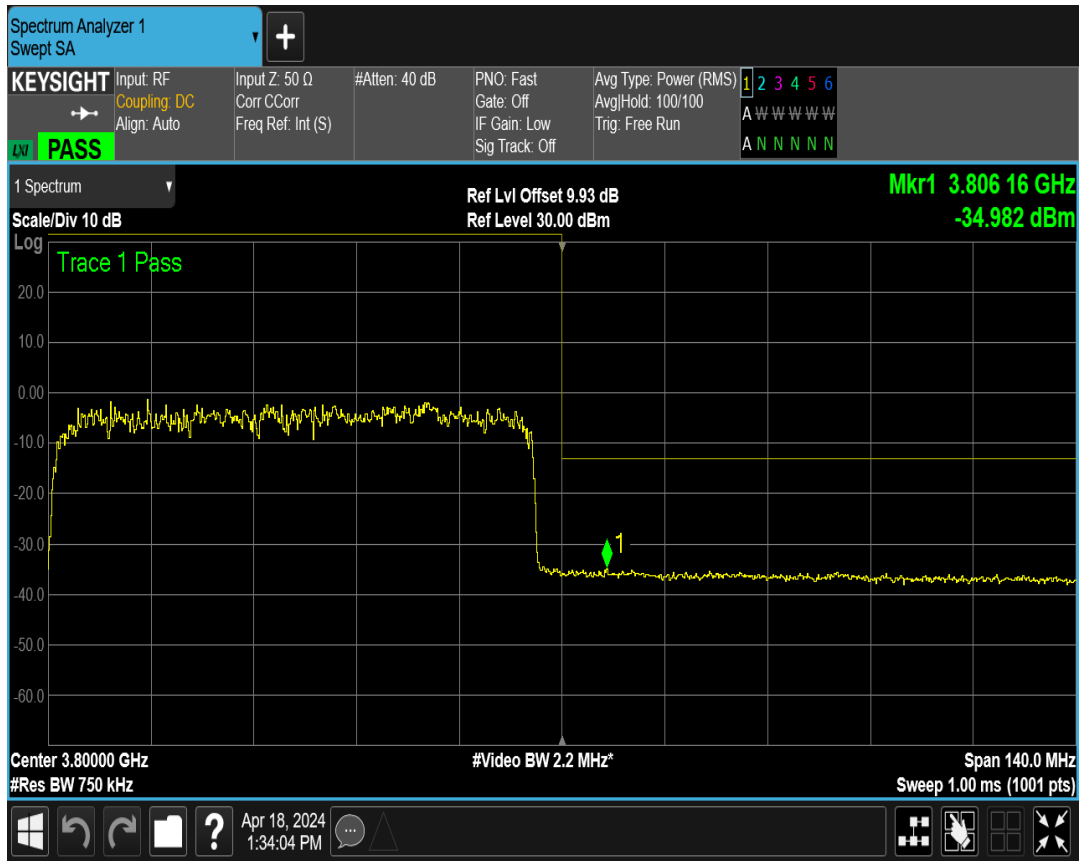
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=180@0



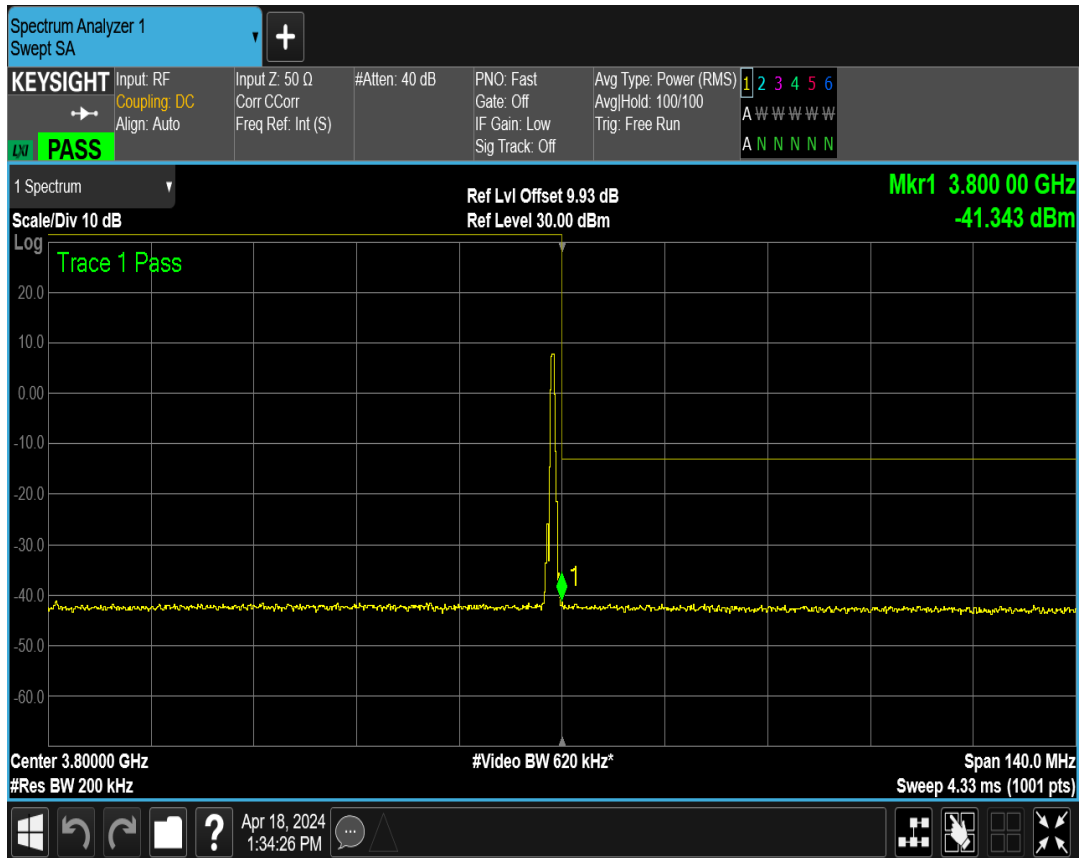
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=1@0



n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=180@0



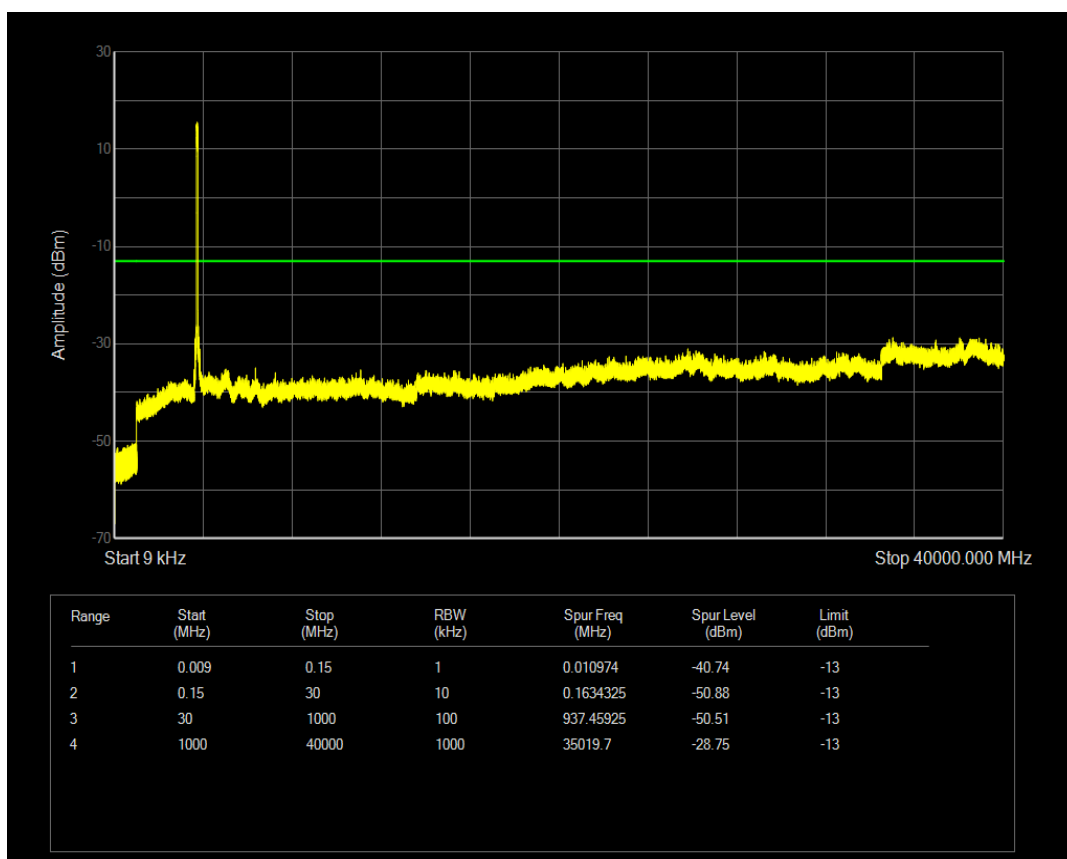
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=1@188



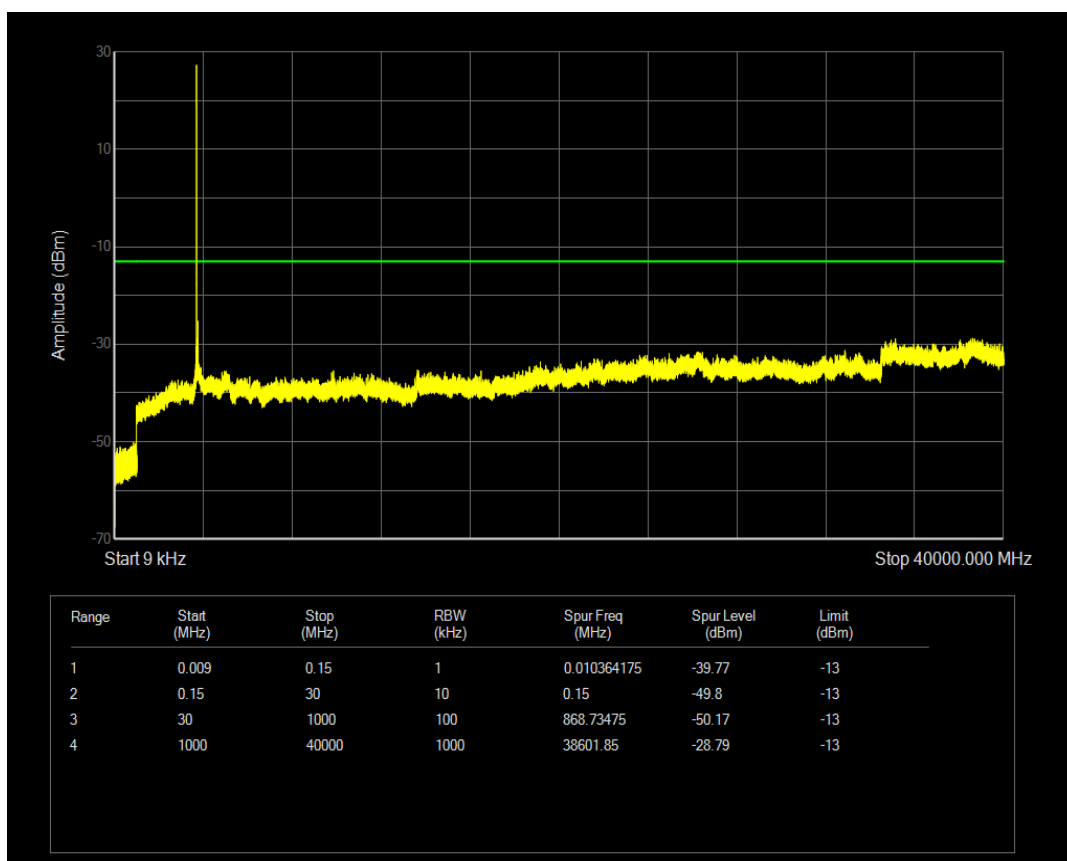
## 6 Out-of-band emissions for NR FR1

| 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(3700-3800) | 30           | 70                 | 649000        | 180@0            | DFT_QPSK   | 35019.70           | -28.75              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@0              | DFT_QPSK   | 38601.85           | -28.79              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 649000        | 1@188            | DFT_QPSK   | 39018.18           | -28.23              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 180@0            | DFT_QPSK   | 35611.53           | -28.39              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@0              | DFT_QPSK   | 38572.60           | -28.56              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 650000        | 1@188            | DFT_QPSK   | 38721.78           | -28.05              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 180@0            | DFT_QPSK   | 38736.40           | -27.98              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 1@0              | DFT_QPSK   | 35041.15           | -28.35              | -13            | PASS    |
| n78(3700-3800) | 30           | 70                 | 651000        | 1@188            | DFT_QPSK   | 38821.23           | -28.81              | -13            | PASS    |

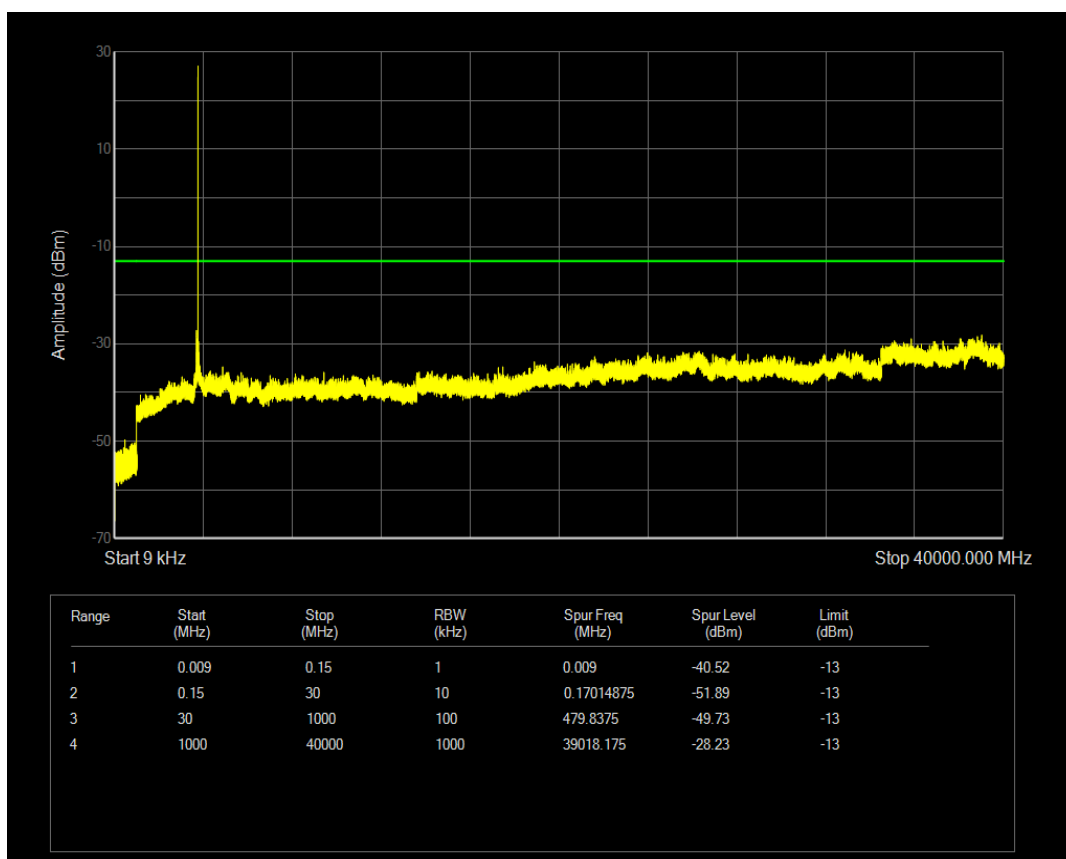
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=180@0



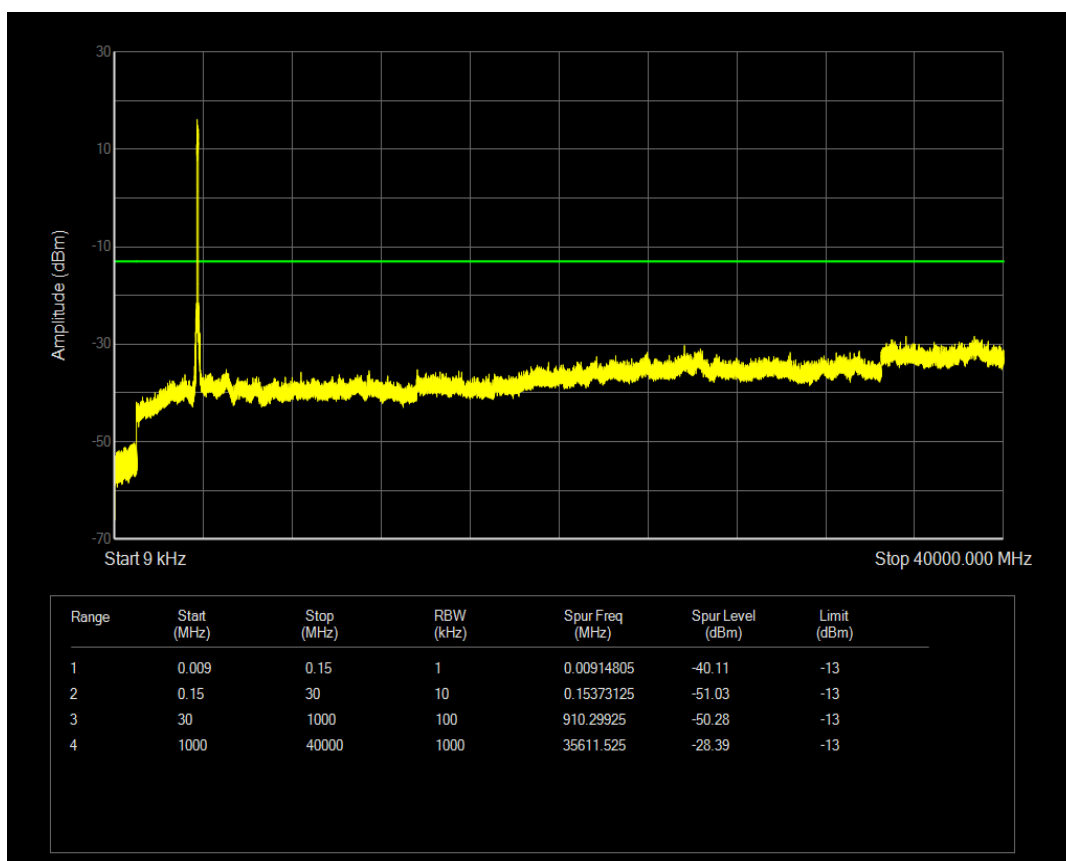
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=1@0



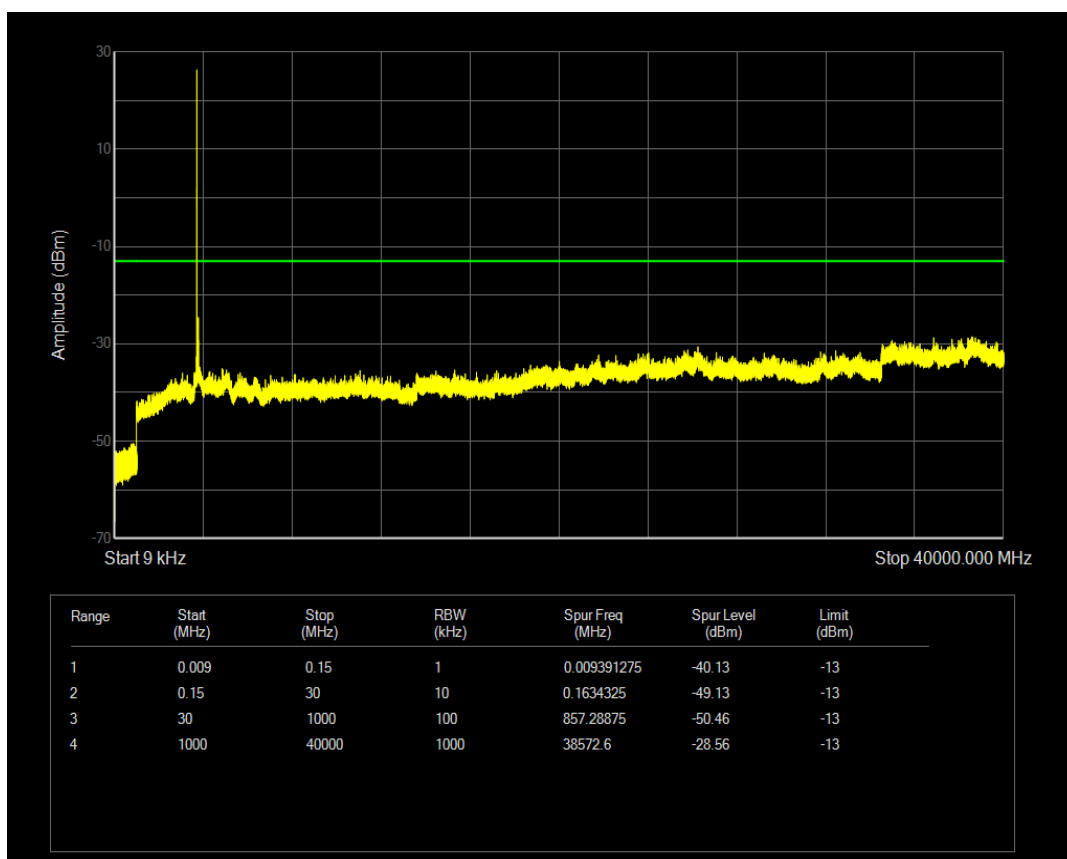
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=649000 RB=1@188



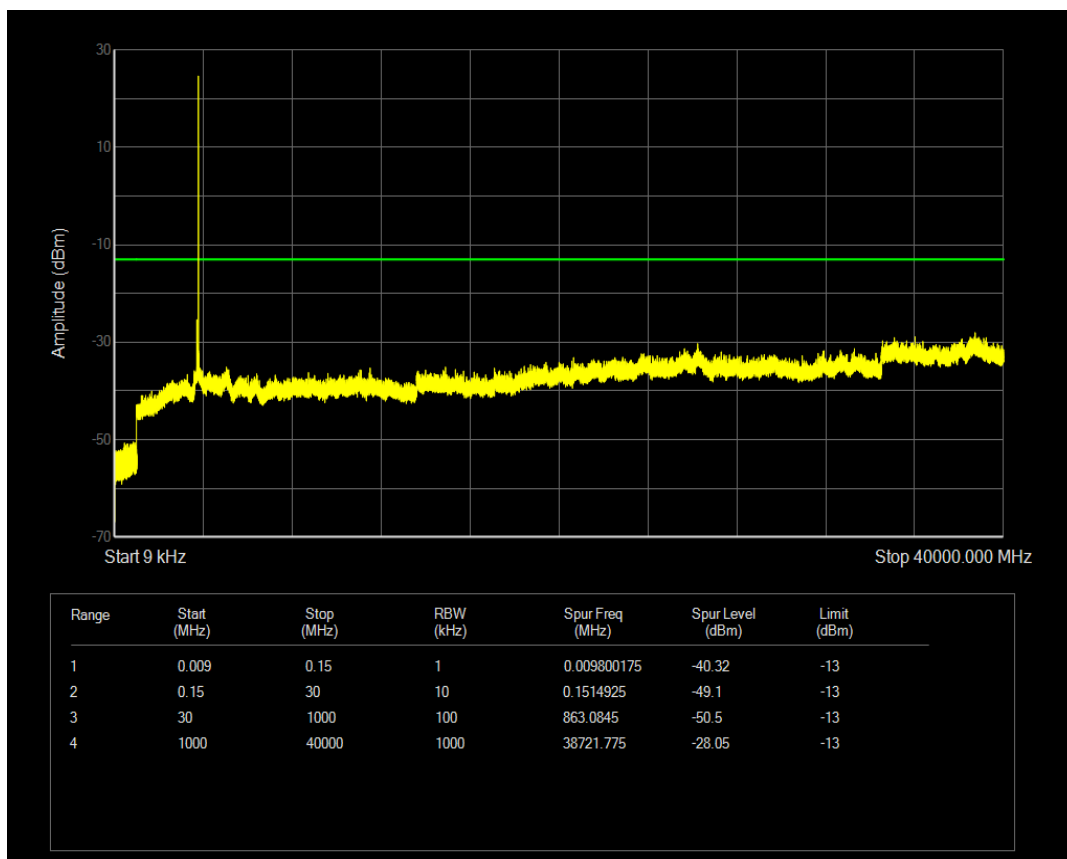
n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=650000 RB=1@0

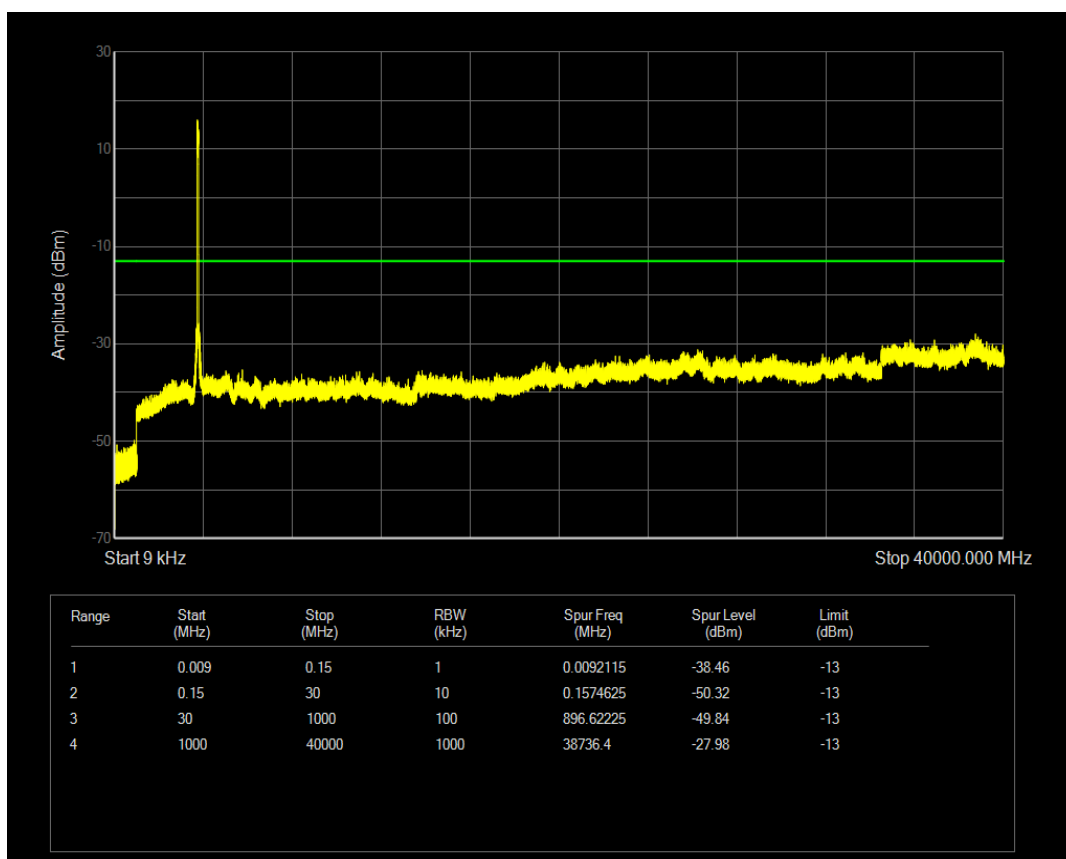


n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=650000 RB=1@188

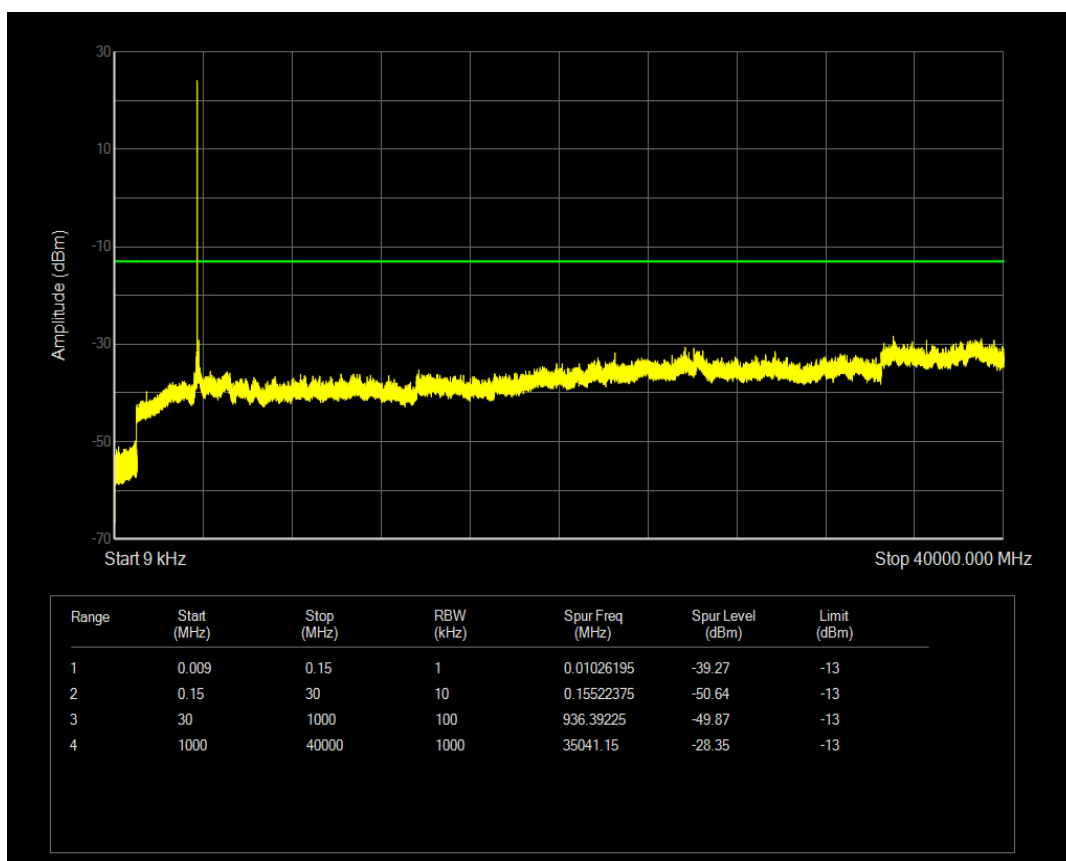




n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=1@0



n78(3700-3800) SCS=30kHz DFT\_QPSK BW=70MHz Channel=651000 RB=1@188

