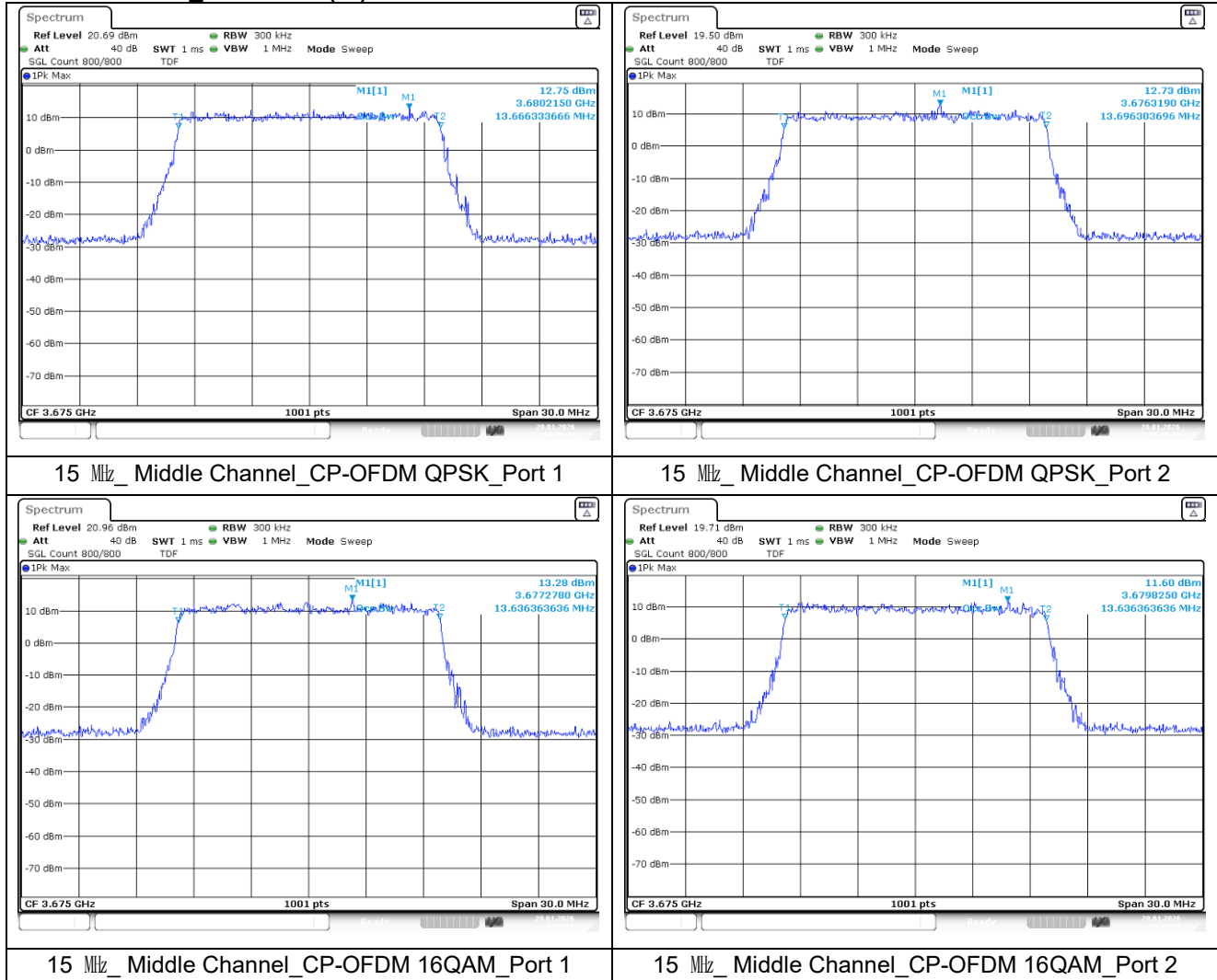
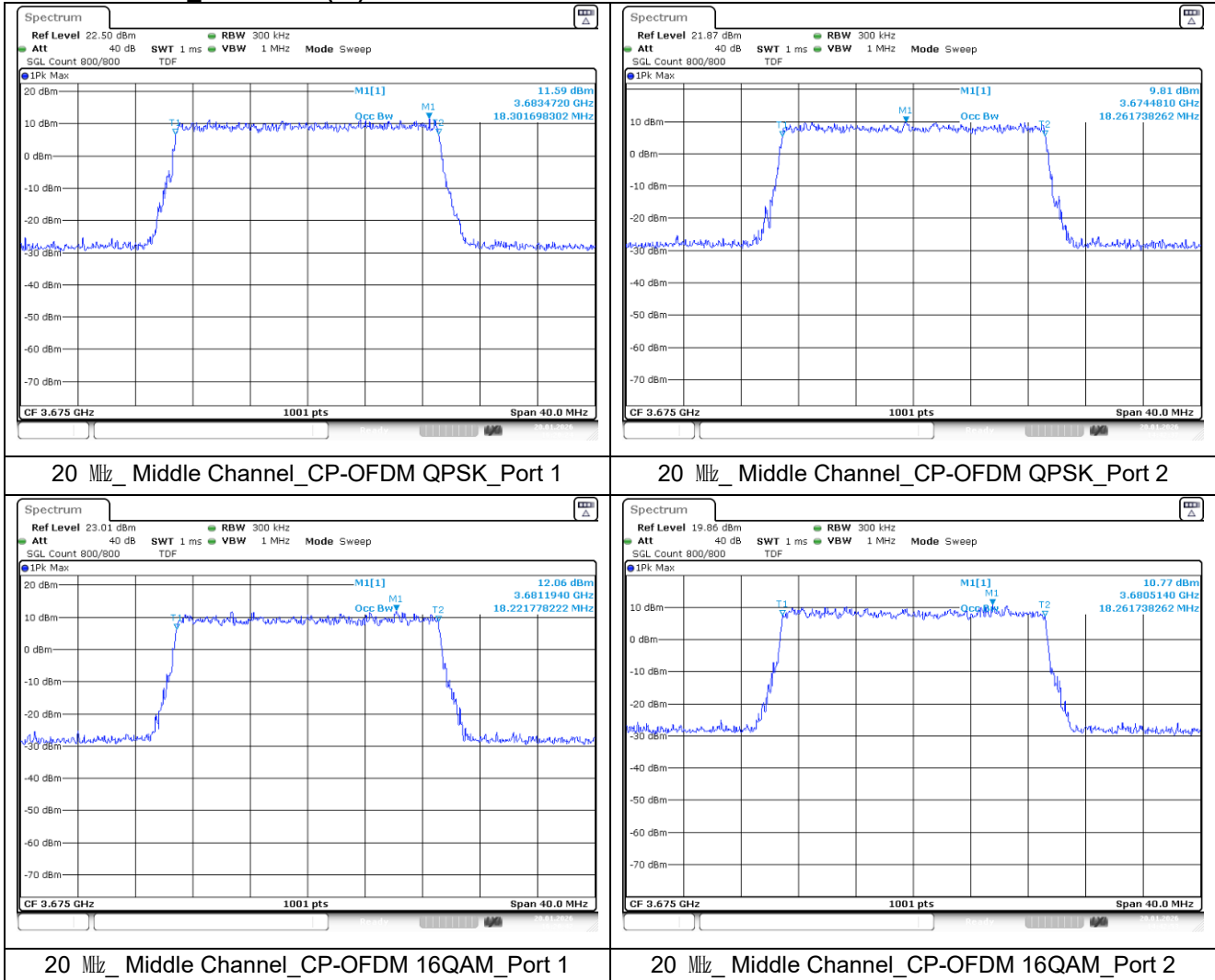


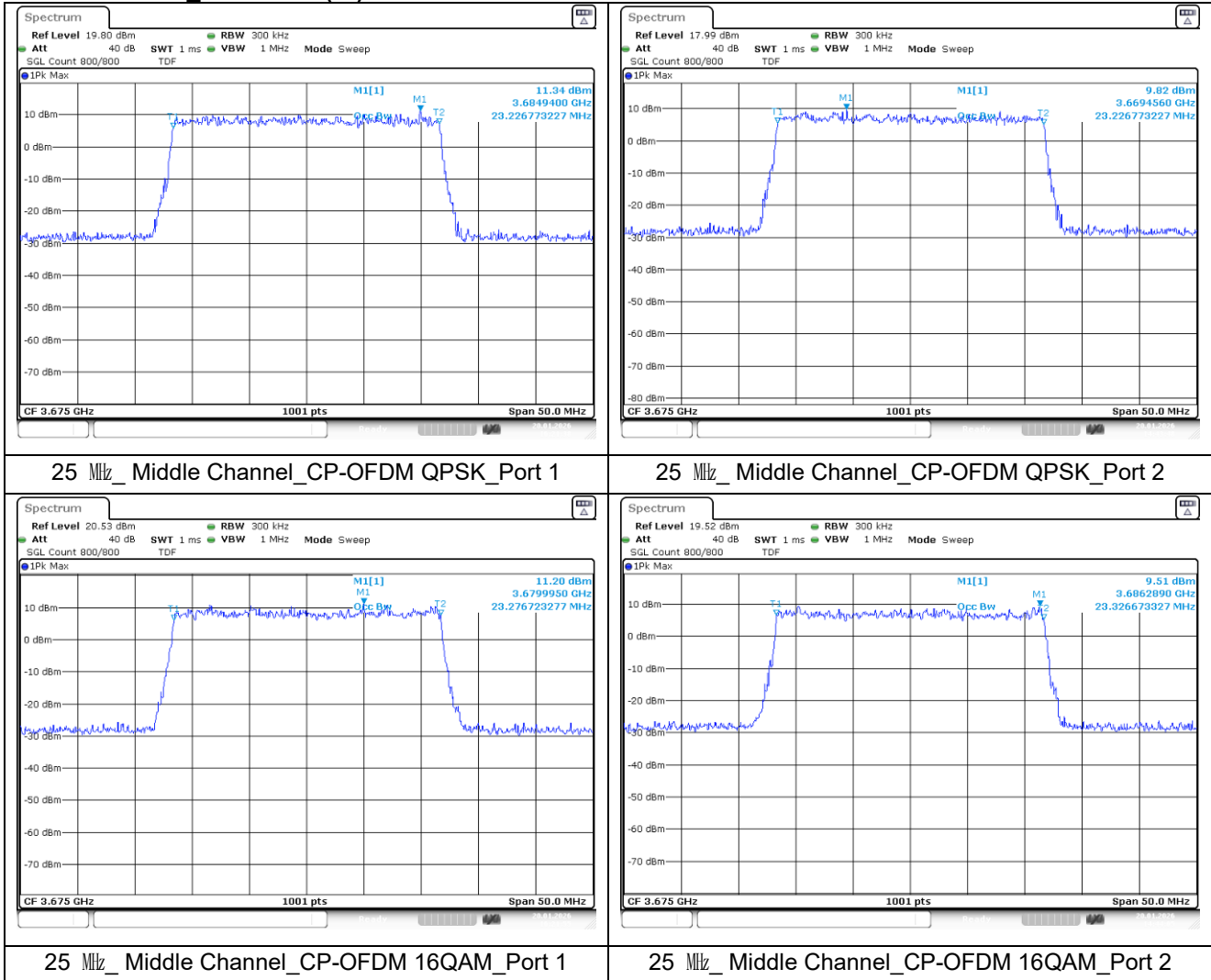
### NR band 77/78 Low Band (IC)



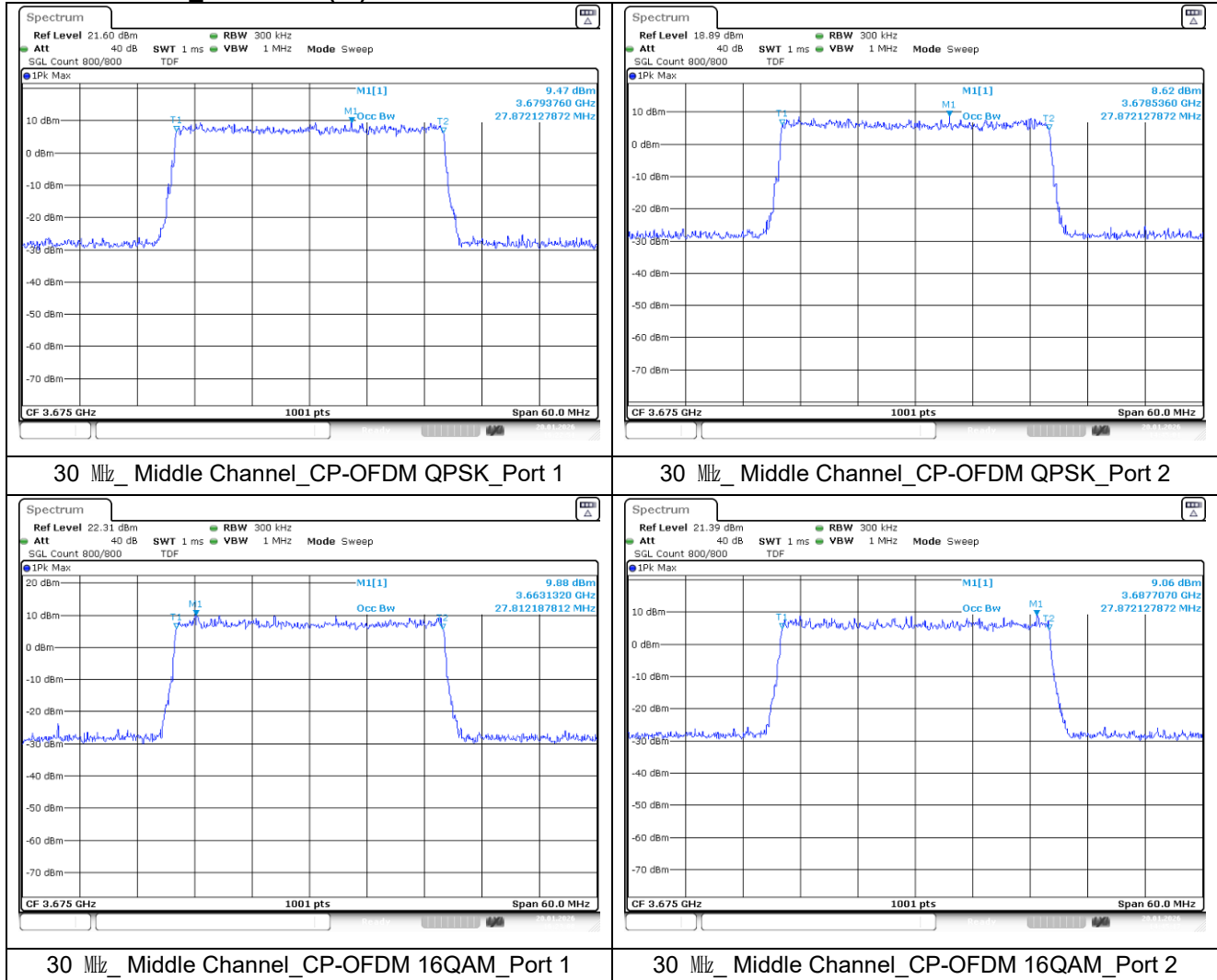
### NR band 77/78 Low Band (IC)



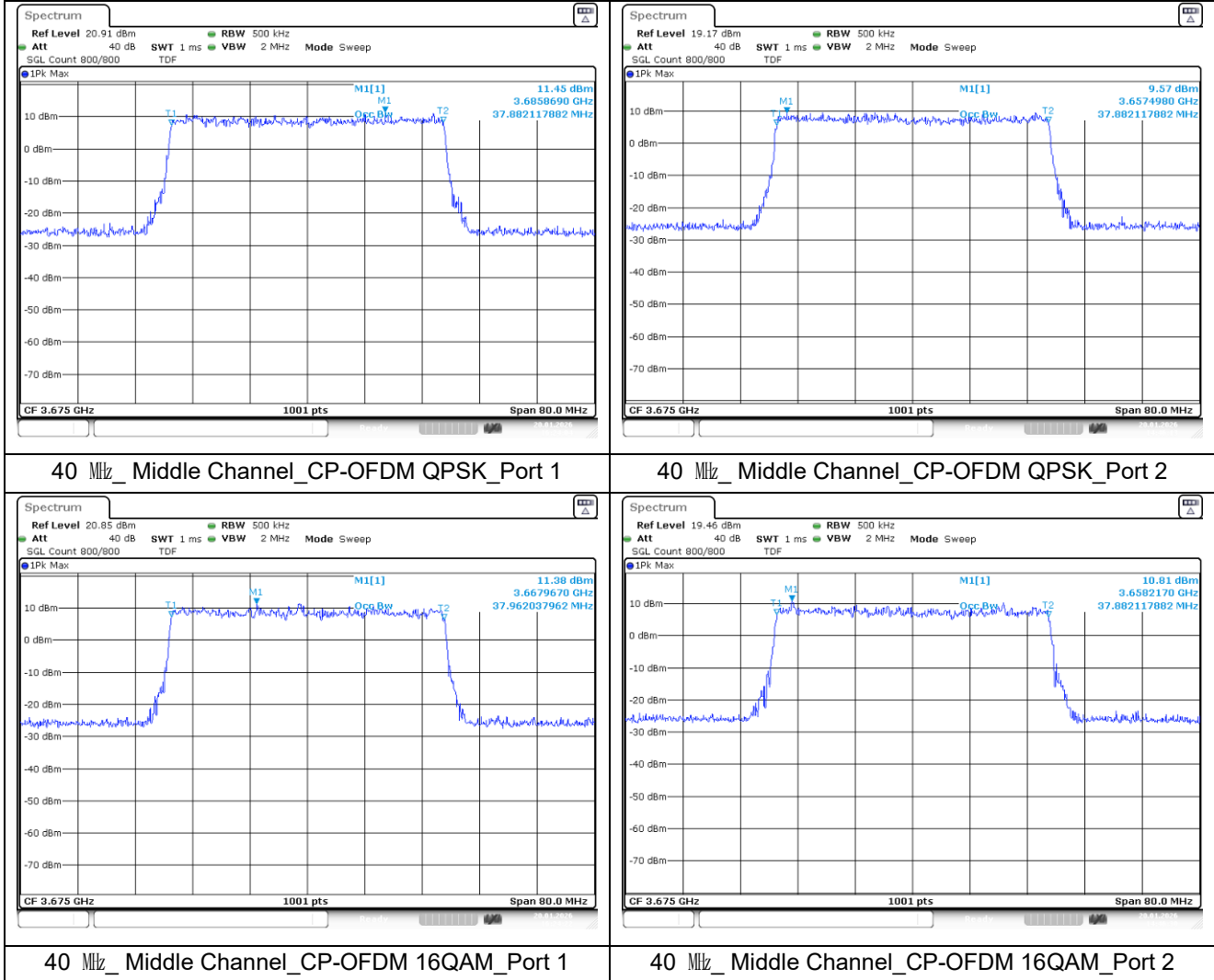
**NR band 77/78\_Low Band (IC)**



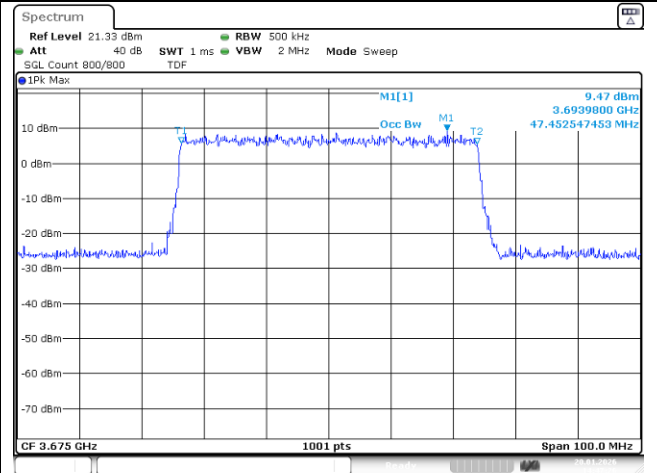
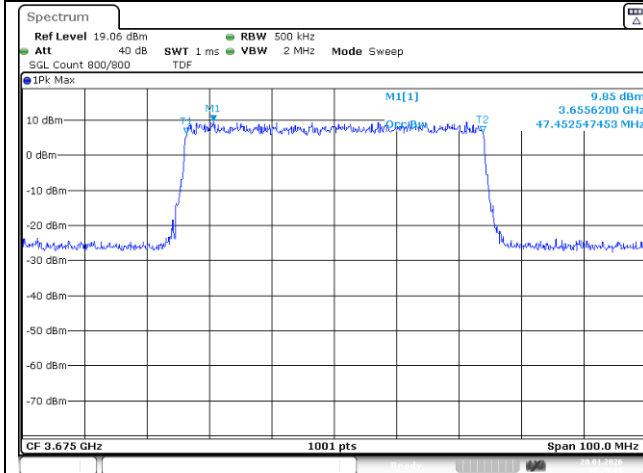
### NR band 77/78\_Low Band (IC)



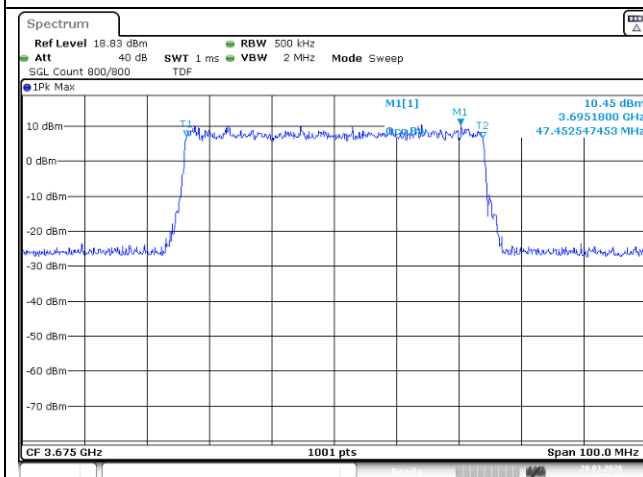
### NR band 77/78 Low Band (IC)



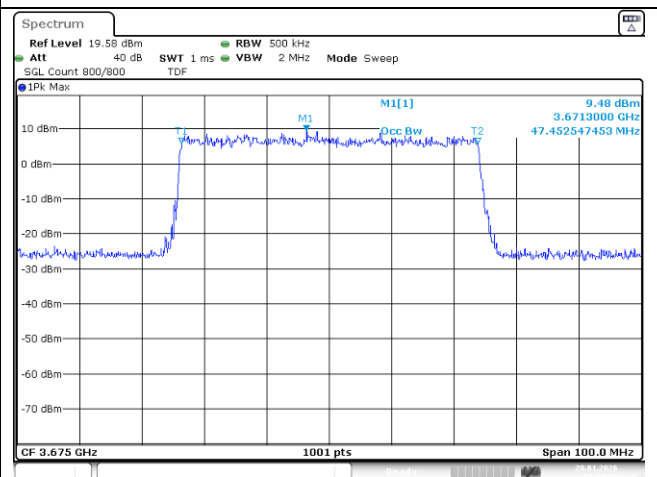
## NR band 77/78 Low Band (IC)



## 50 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



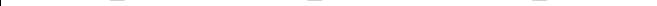
## 50 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



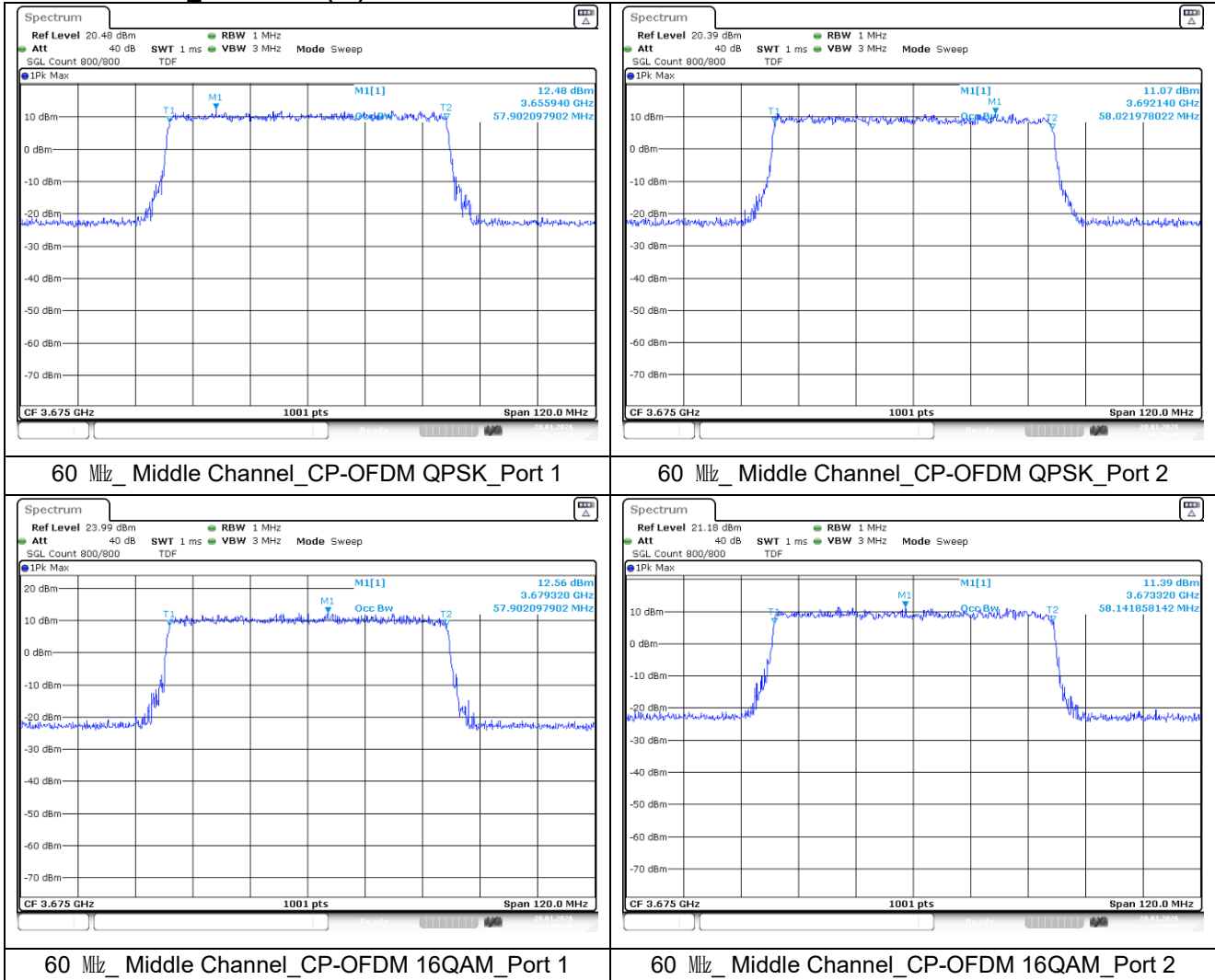
## 50 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



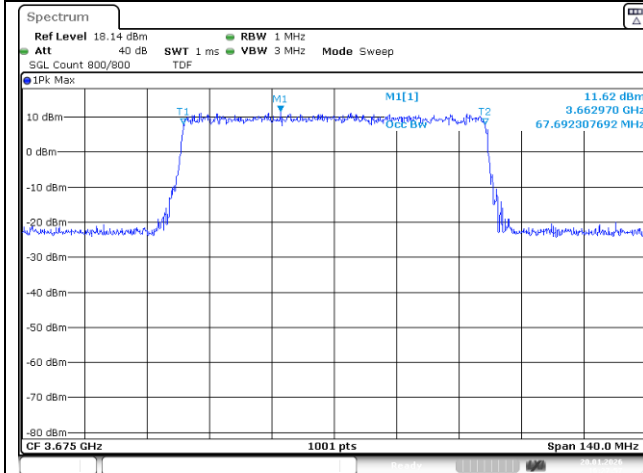
## 50 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



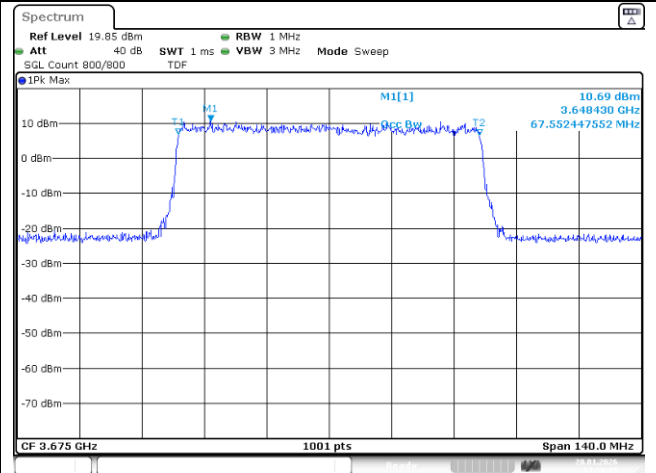
**NR band 77/78 Low Band (IC)**



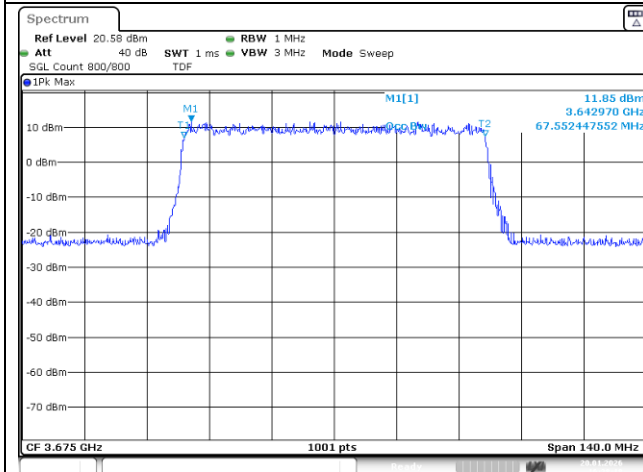
## NR band 77/78 Low Band (IC)



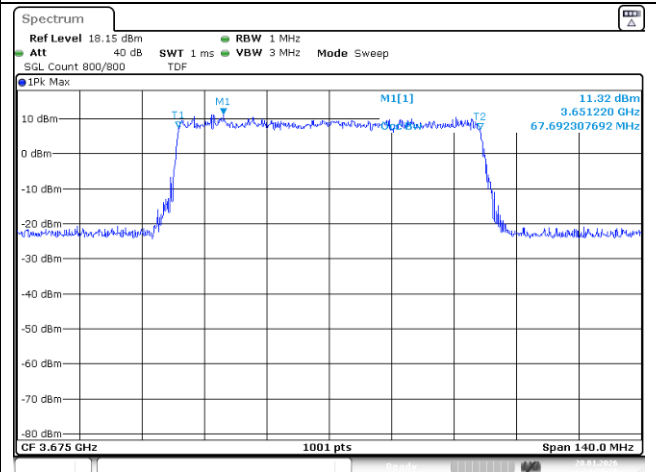
70 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



70 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2

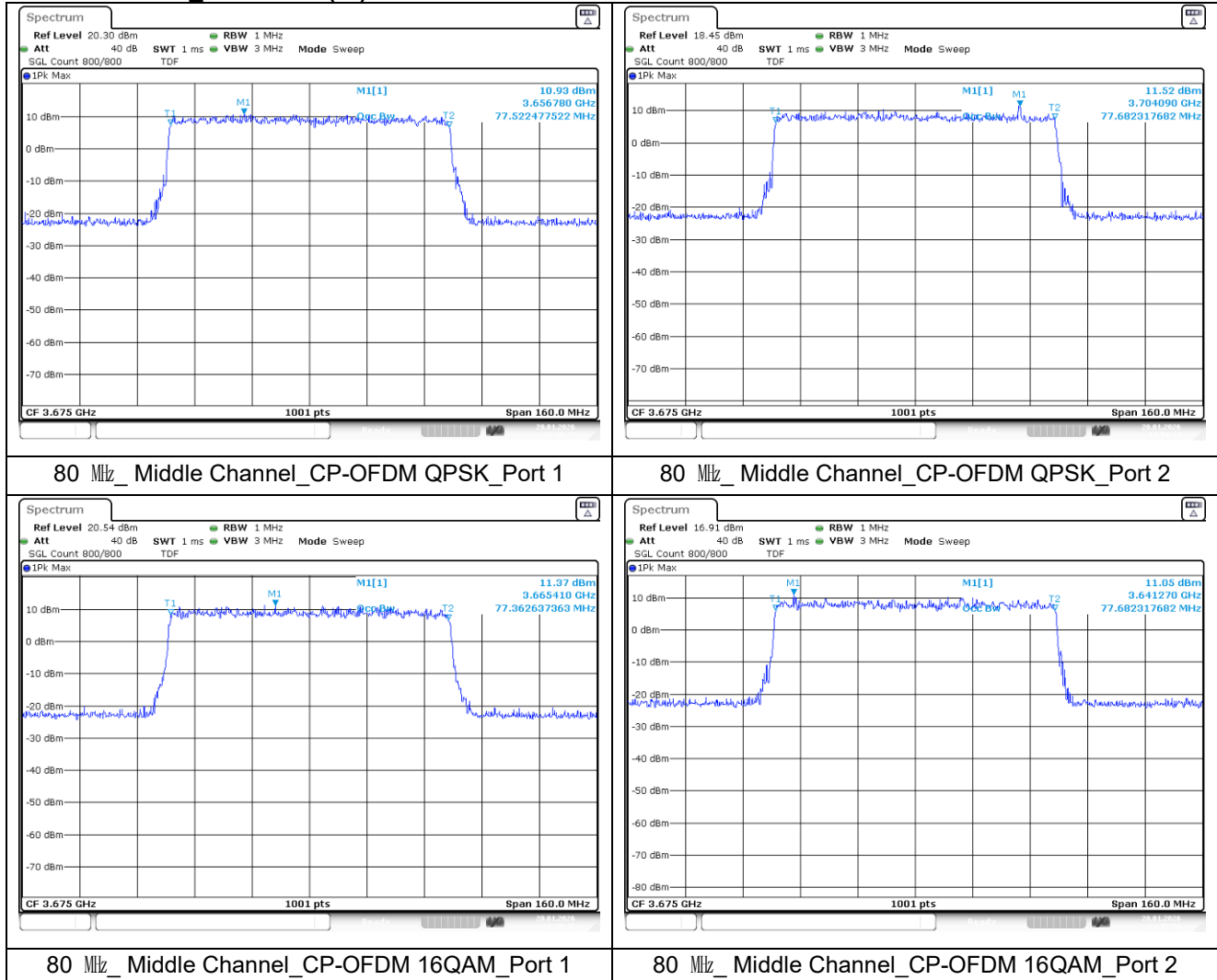


70 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1

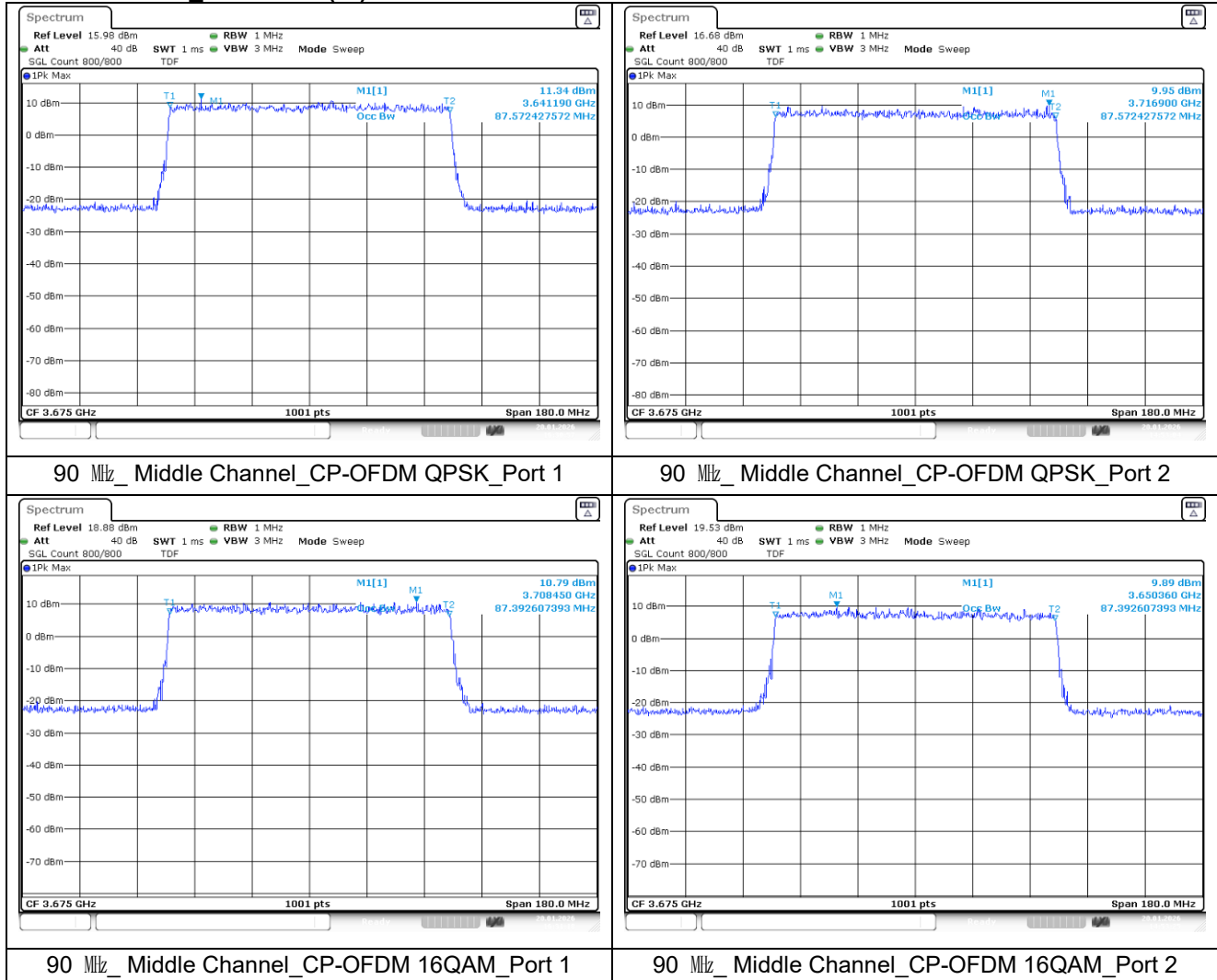


70 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2

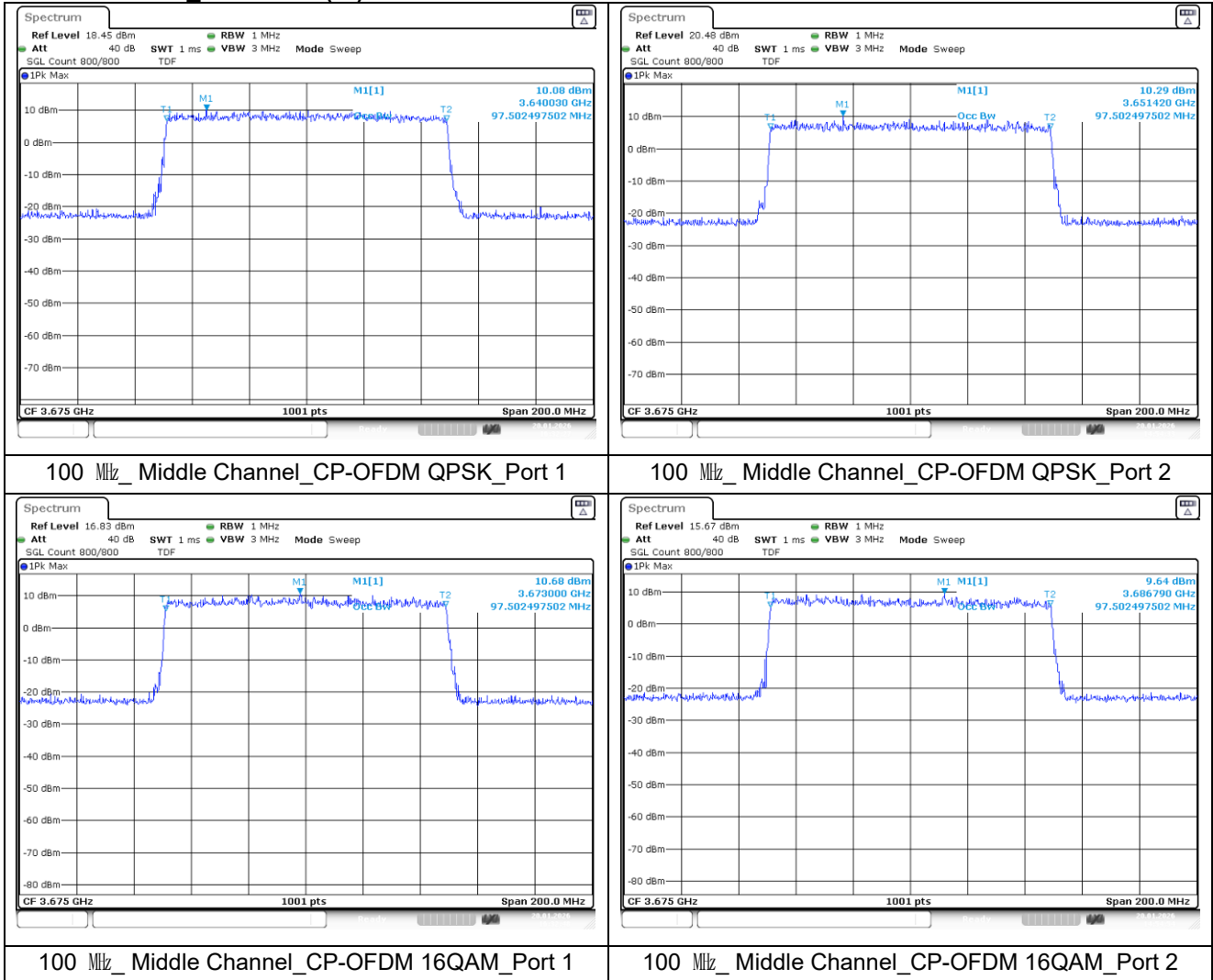
### NR band 77/78 Low Band (IC)



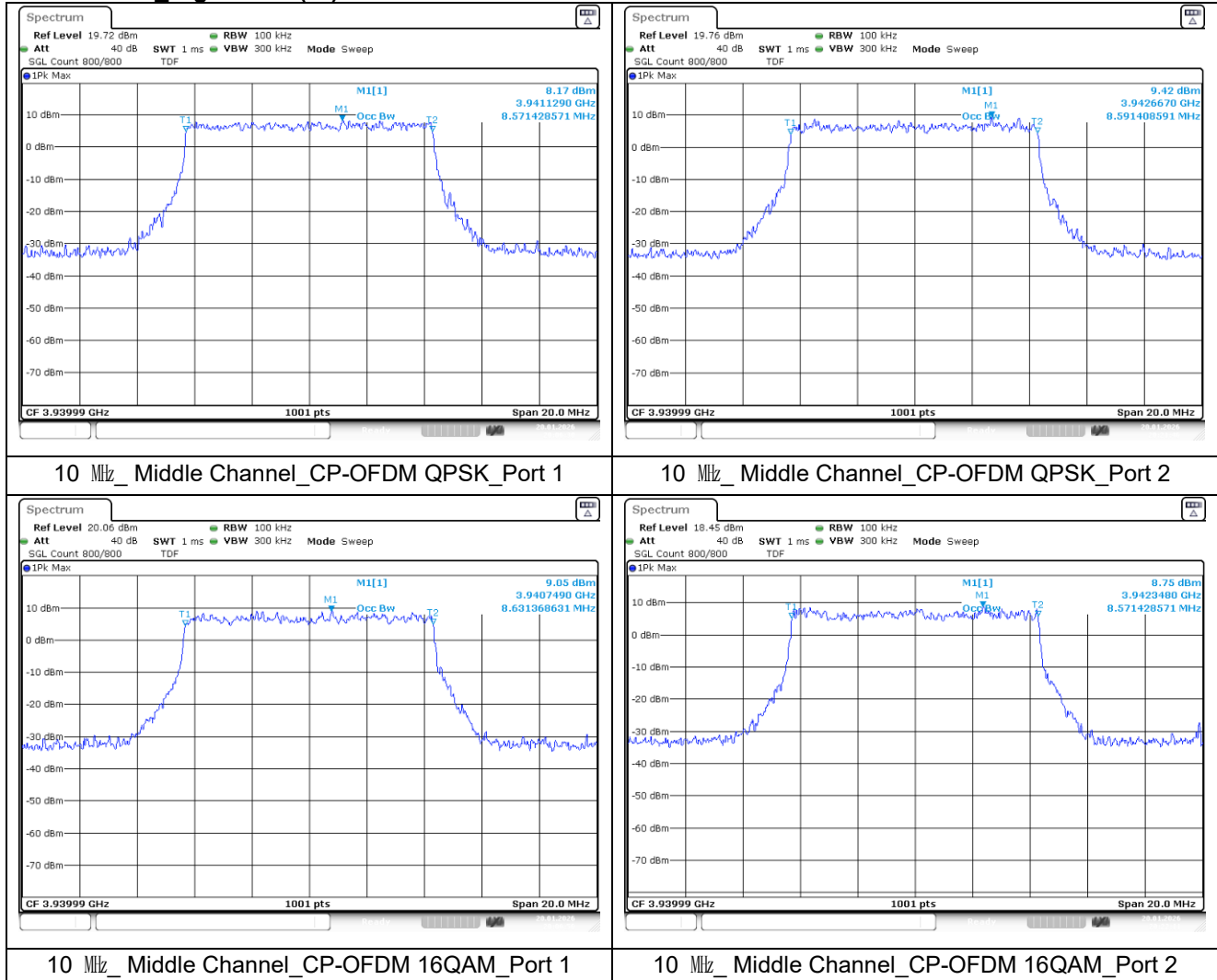
### NR band 77/78 Low Band (IC)



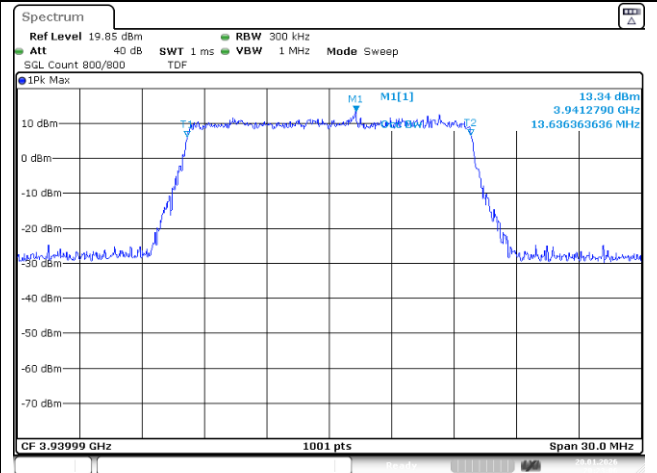
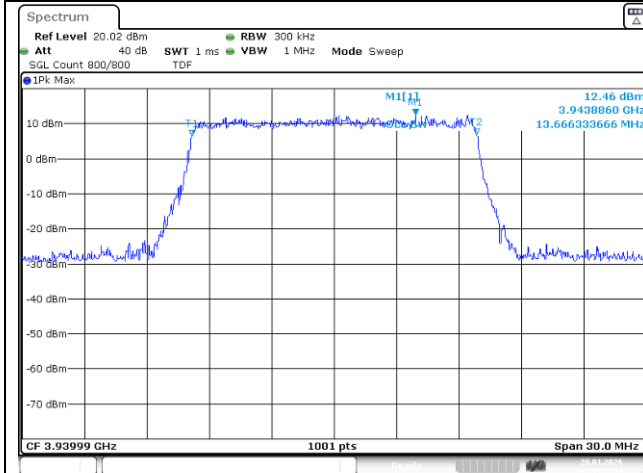
**NR band 77/78 Low Band (IC)**



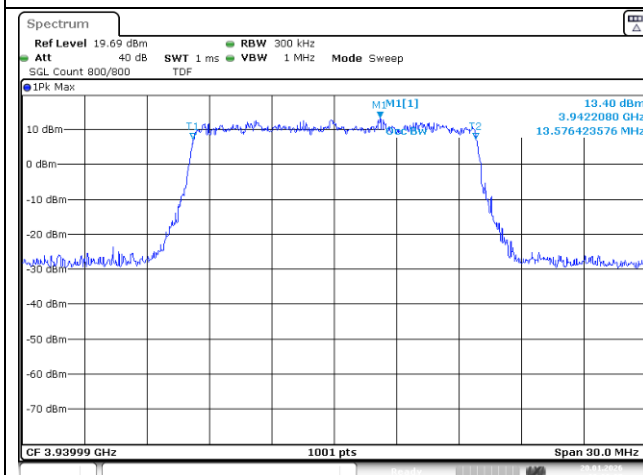
## NR band 77\_High Band (IC)



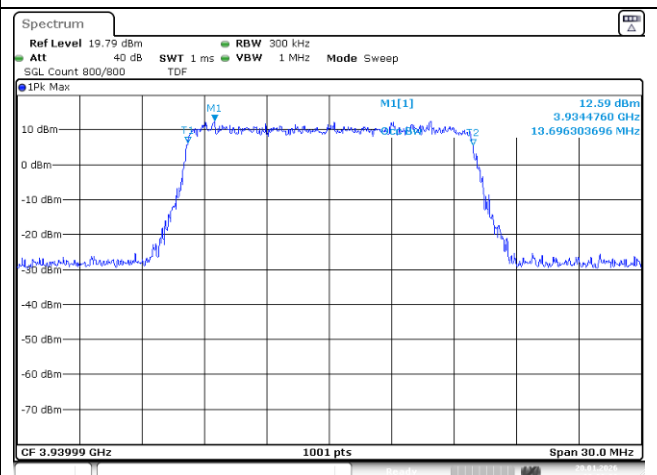
### NR band 77\_High Band (IC)



### 15 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



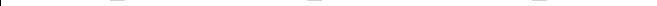
### 15 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



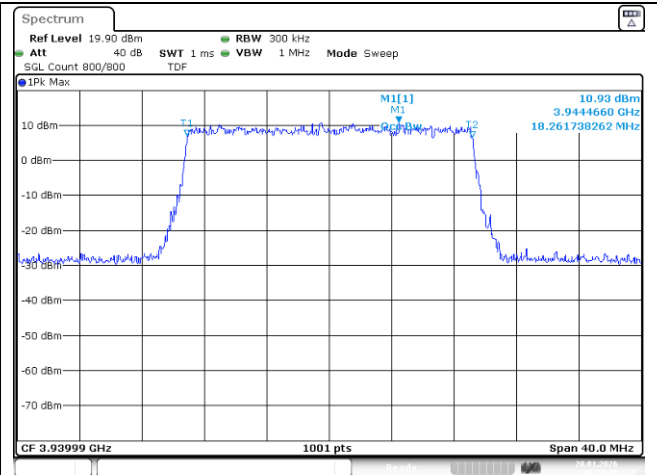
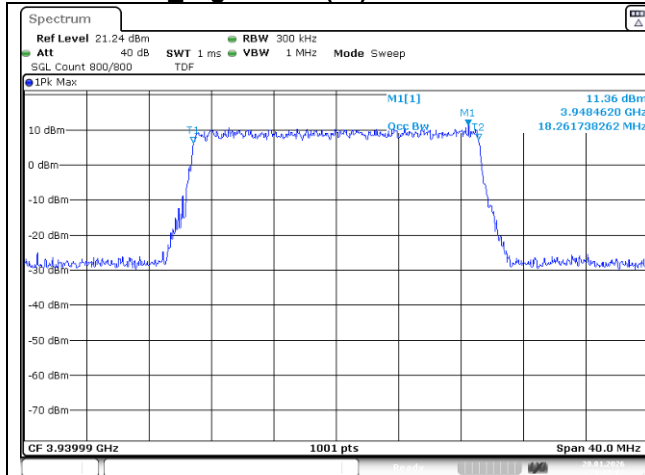
### 15 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



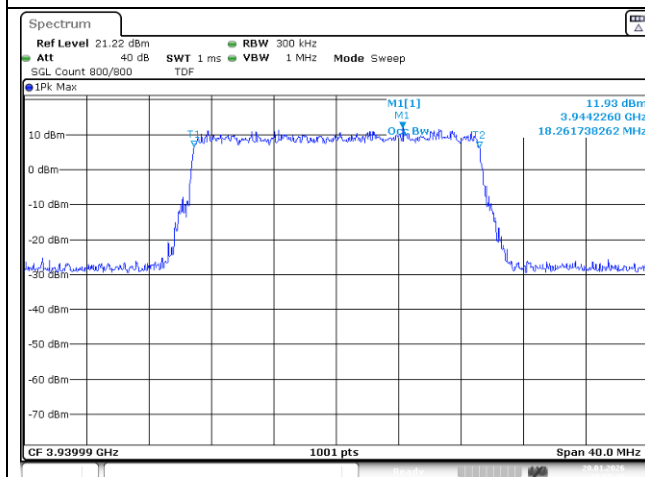
### 15 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



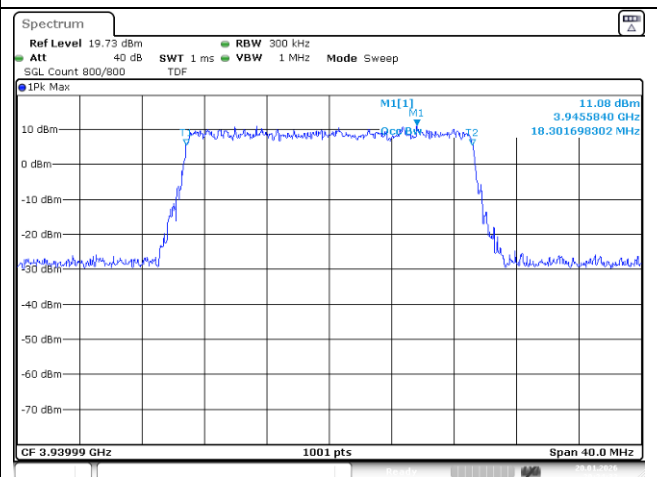
### NR band 77\_High Band (IC)



### 20 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



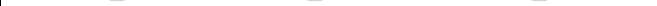
### 20 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



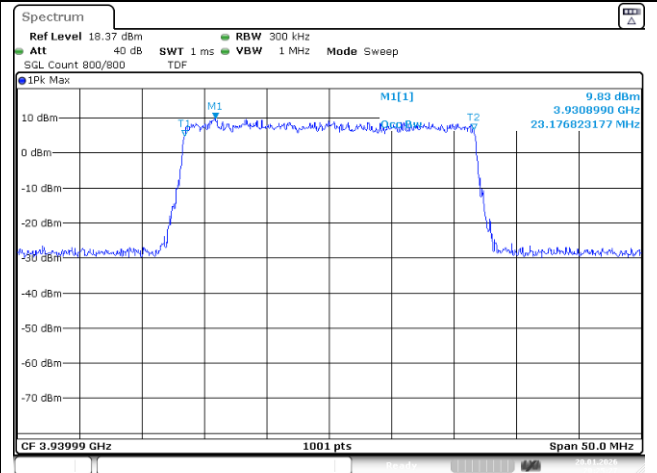
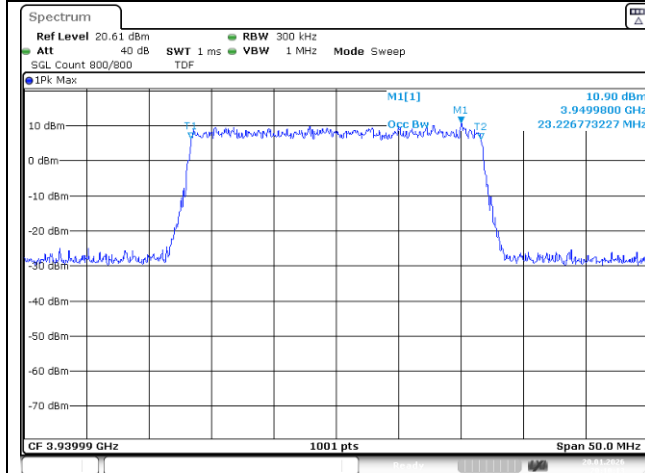
### 20 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



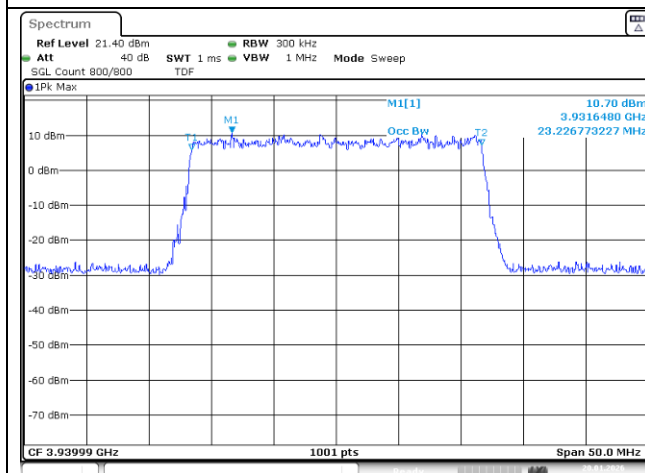
### 20 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



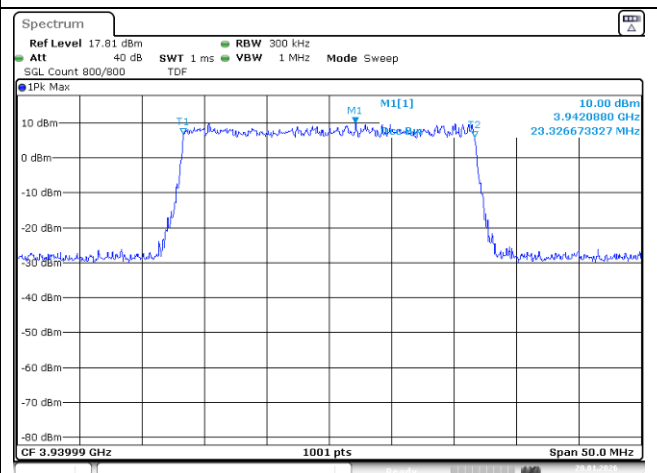
### NR band 77\_High Band (IC)



### 25 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



### 25 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



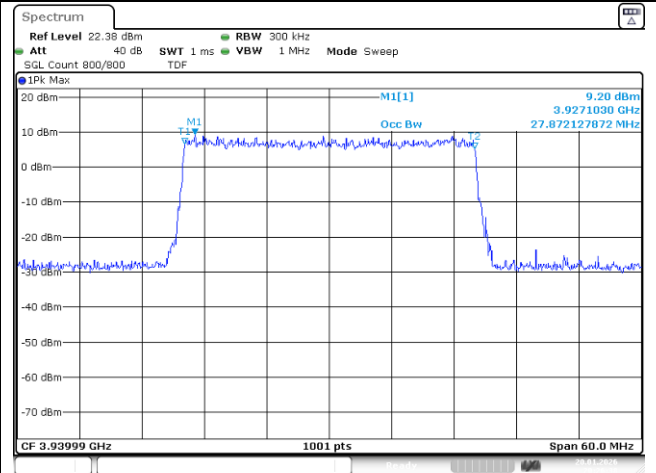
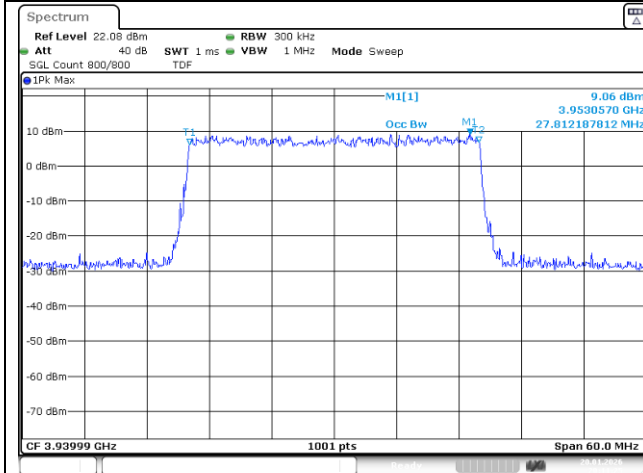
### 25 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



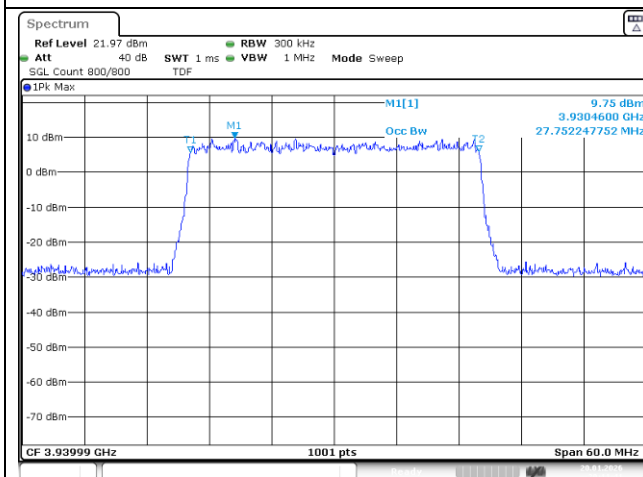
### 25 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



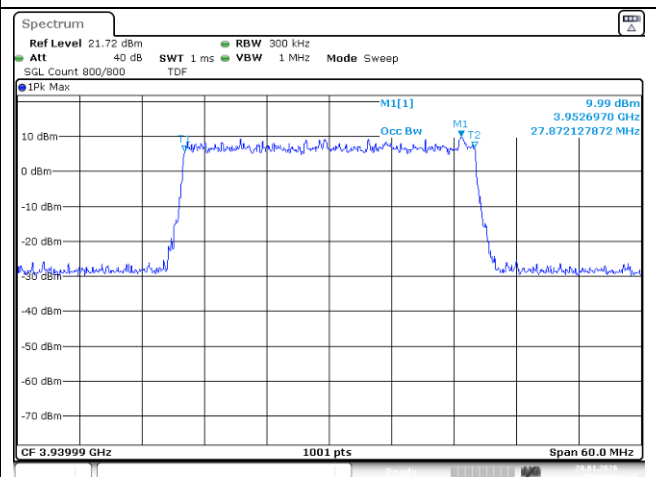
### NR band 77\_High Band (IC)



### 30 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



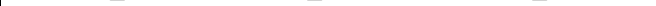
### 30 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



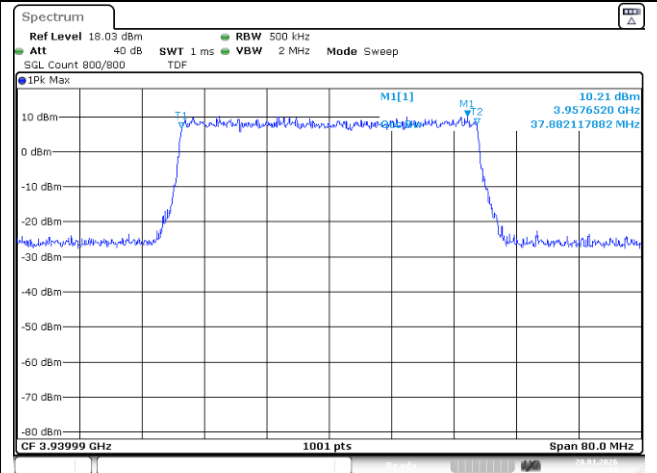
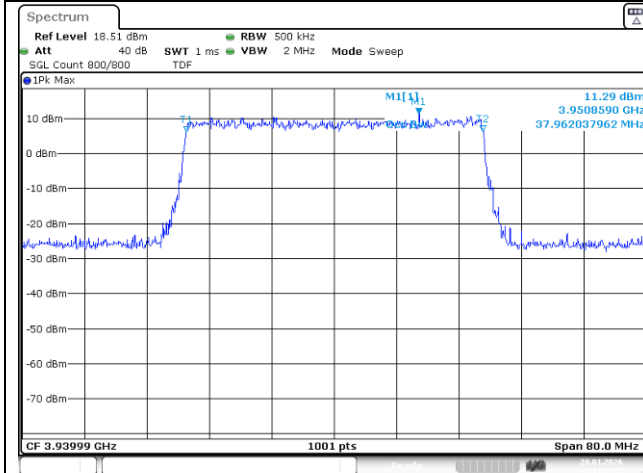
### 30 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



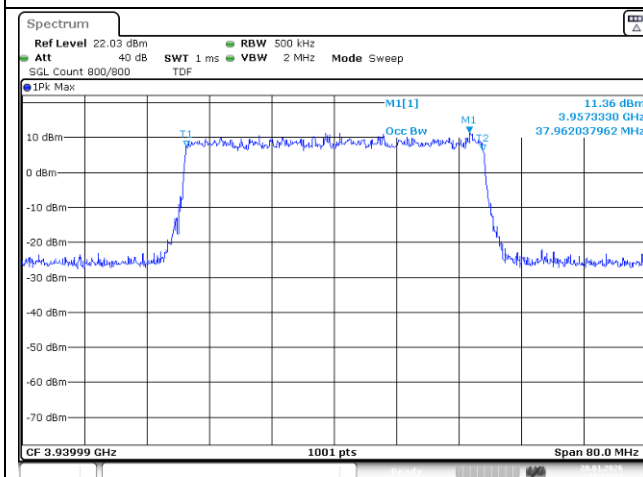
### 30 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



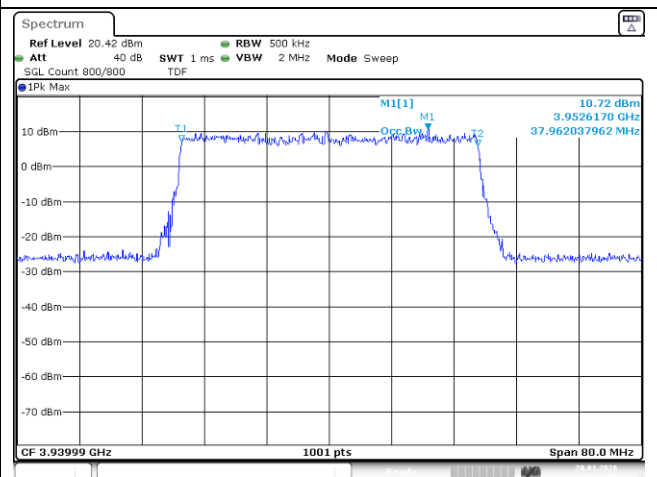
### NR band 77\_High Band (IC)



### 40 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



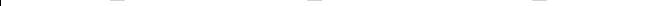
### 40 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



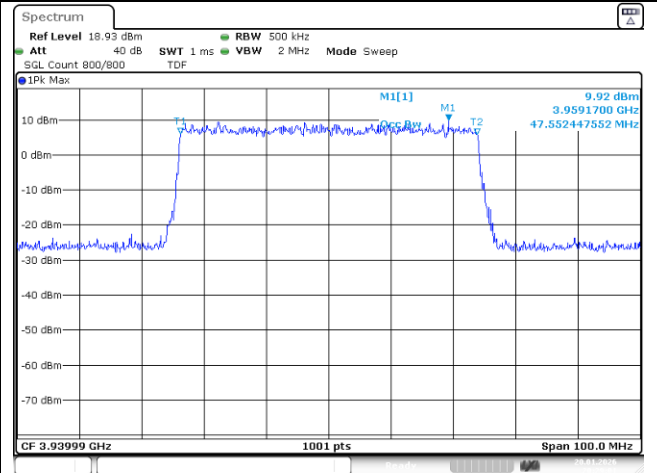
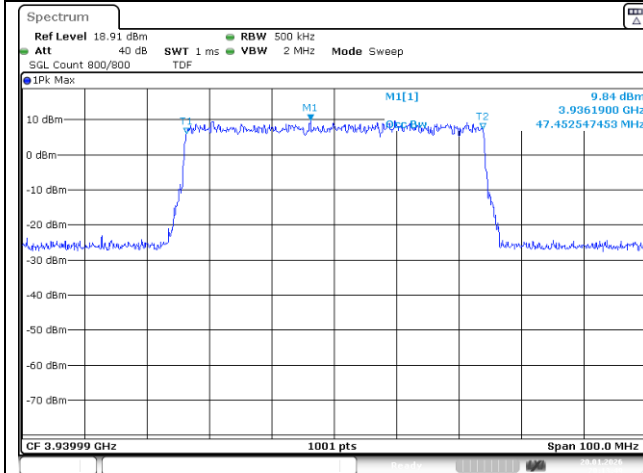
### 40 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



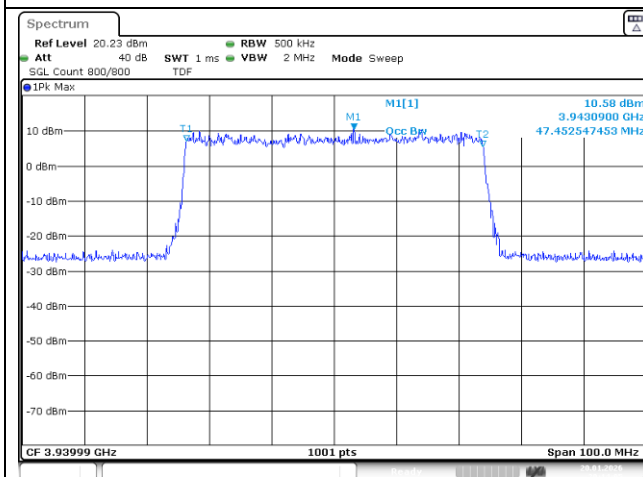
### 40 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



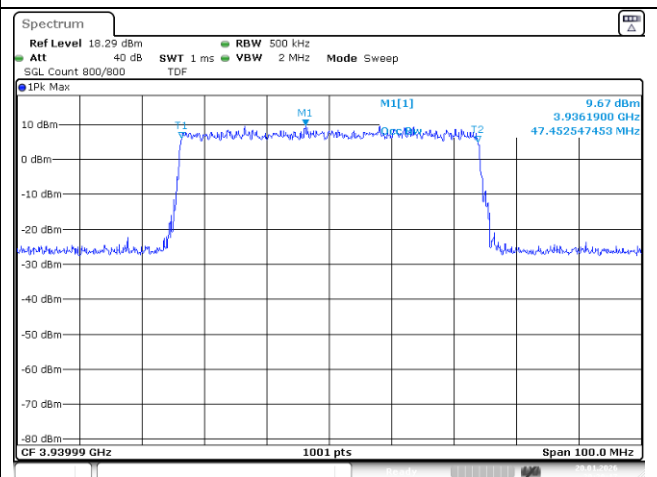
### NR band 77\_High Band (IC)



### 50 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



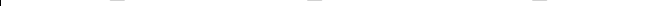
### 50 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



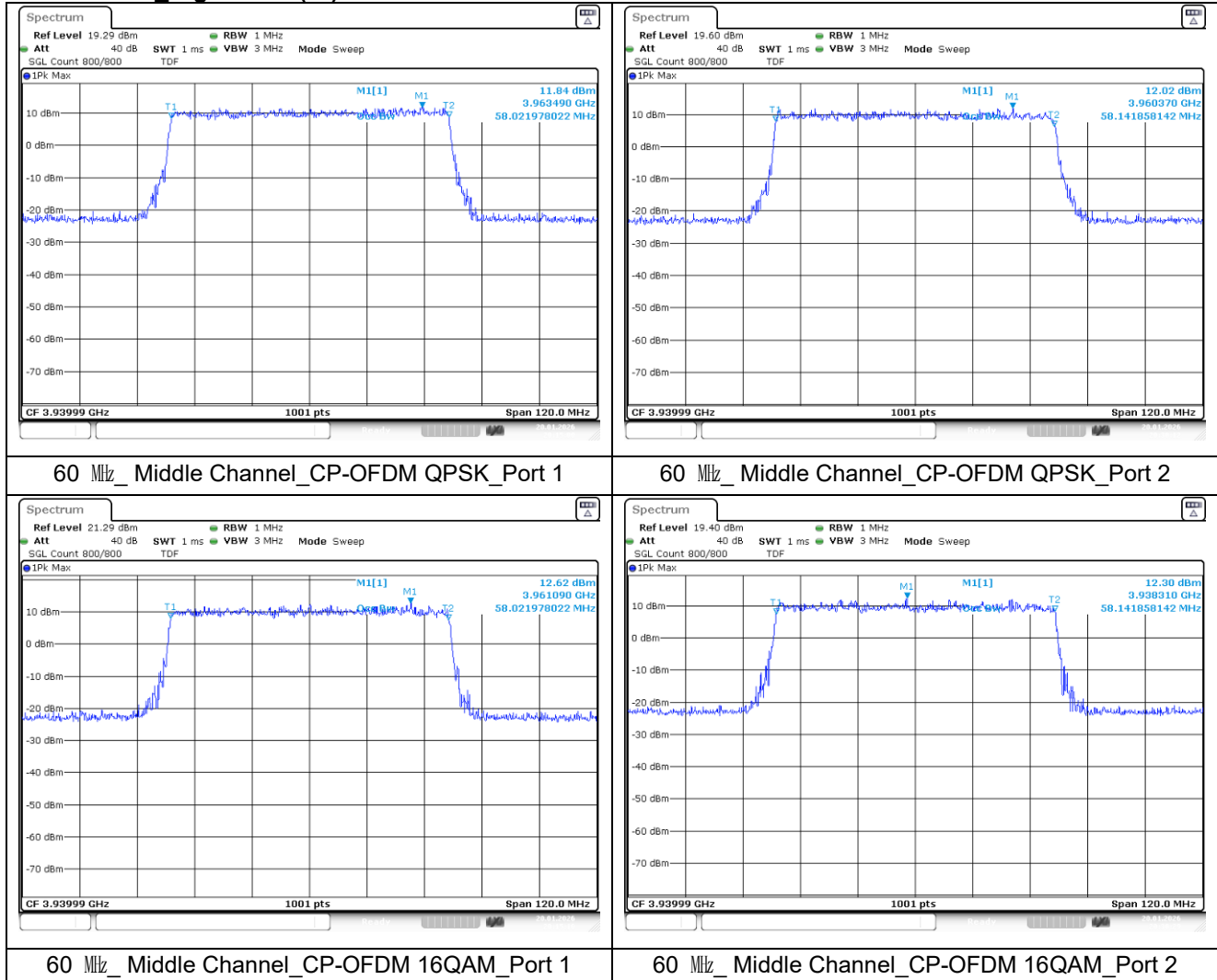
### 50 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



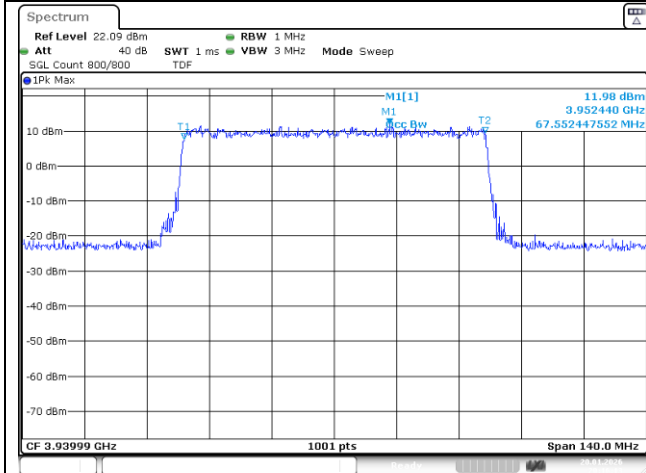
### 50 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



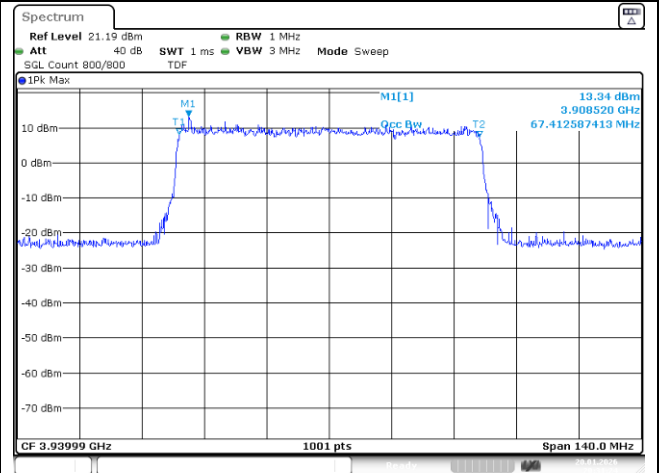
### NR band 77\_High Band (IC)



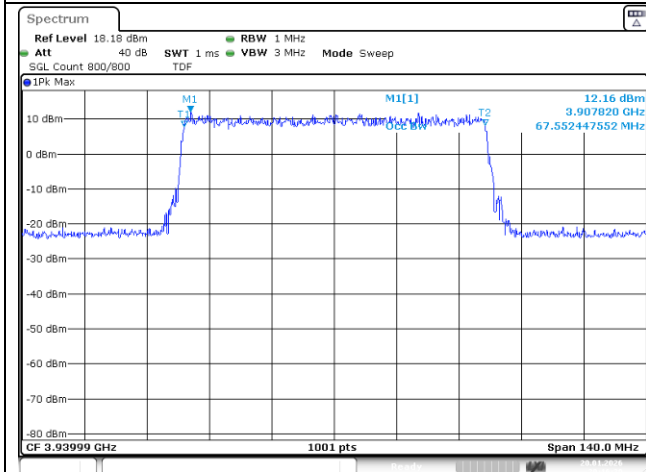
### NR band 77\_High Band (IC)



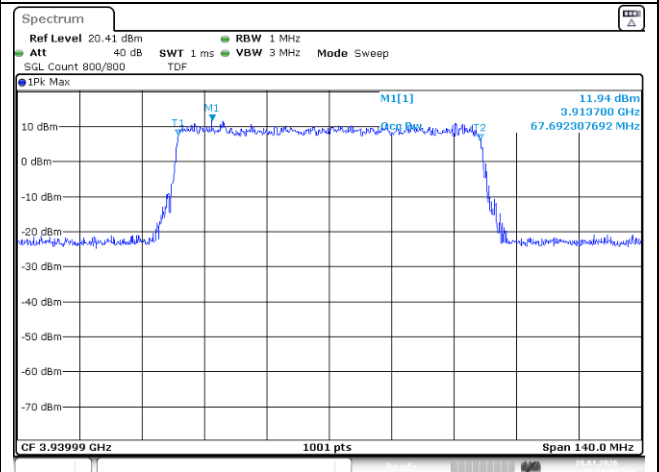
70 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



70 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2

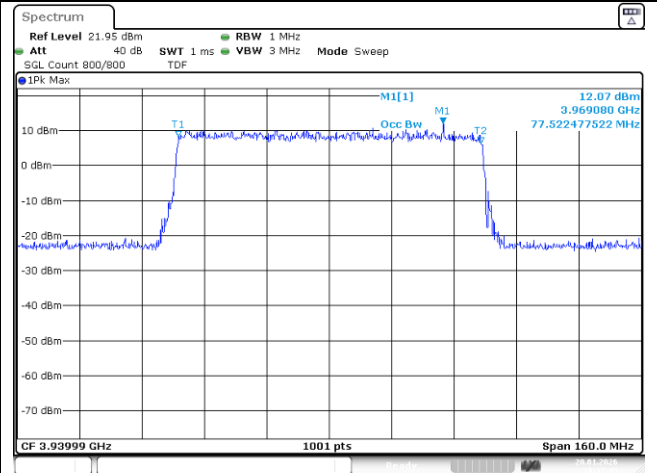
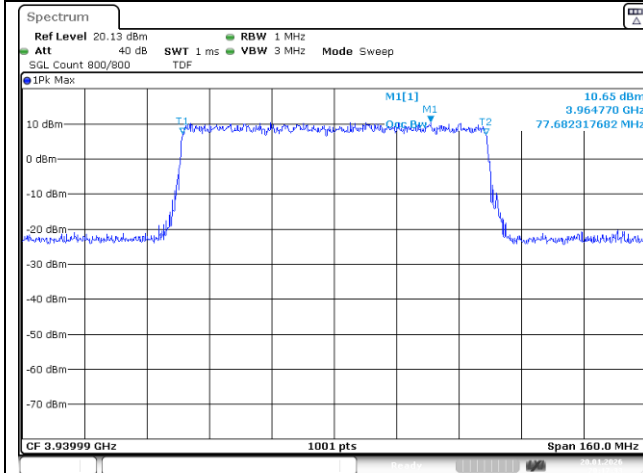


70 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1

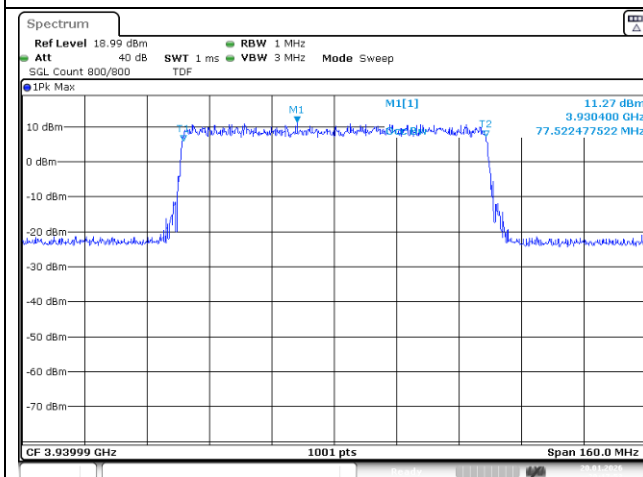


70 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2

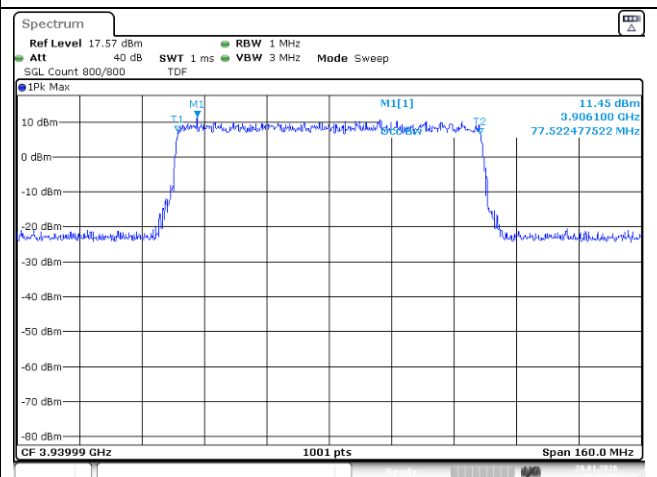
### NR band 77\_High Band (IC)



### 80 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 1



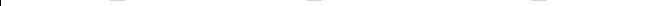
### 80 MHz\_Middle Channel\_CP-OFDM QPSK\_Port 2



### 80 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 1



### 80 MHz\_Middle Channel\_CP-OFDM 16QAM\_Port 2



## 5. Peak-Average Ratio

### 5.1. Limit

#### FCC

- §27.50(j)(4), Equipment employed must be authorized in accordance with the provisions of § 27.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (j)(5) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

- §27.50(k)(4), Equipment employed must be authorized in accordance with the provisions of § 27.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (k)(5) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

#### IC

##### - RSS-192 Issue 5

5.5, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission

##### - RSS-198 Issue 1

5.5, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission.

##### - RSS-199 Issue 4

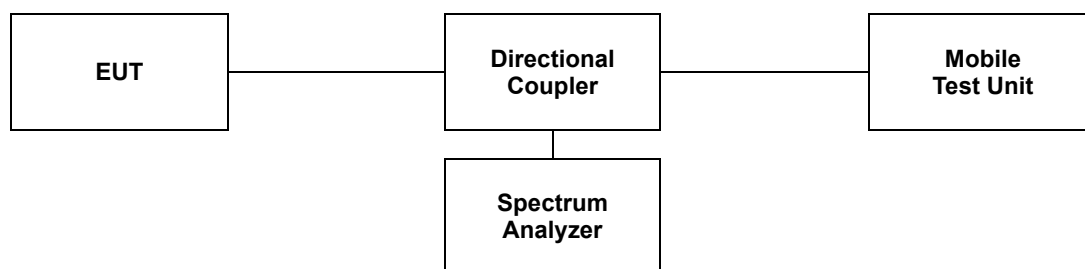
5.5, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

## 5.2. Test Procedure

The test follows section 5.2.3.4 of ANSI C63.26-2015.

See instrumentation-specific application literature for further guidance regarding use of the CCDF capability. The following guidelines are offered for performing a CCDF measurement.

- a. Set resolution/measurement bandwidth  $\geq$  OBW or specified reference bandwidth.
- b. Set the number of counts to a value that stabilizes the measured CCDF curve.
- c. Set the measurement interval as follows:
  - 1) For continuous transmissions, set to greater of  $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$  or 1 ms.
  - 2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
  - 3) If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- d. Record the maximum PAPR level associated with a probability of 0.1 %.
- e. The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.



### 5.3 Test Results

Ambient temperature : (23 ± 1) °C  
 Relative humidity : 47 %

#### SISO

| Band        | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|-------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|             |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|             |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| 41<br>(FCC) | 30           | 10          | 2 501.01           | 4.54       | 5.92 | 6.52  | 6.54  | 7.14   | 7.96    | 7.96  | 8.36  | 8.74   |
|             |              |             | 2 592.99           | 4.58       | 5.92 | 6.60  | 6.78  | 7.06   | 7.86    | 8.06  | 8.10  | 8.90   |
|             |              |             | 2 685.00           | 4.36       | 5.52 | 6.42  | 6.28  | 6.86   | 7.28    | 7.42  | 7.76  | 8.60   |
|             |              | 15          | 2 503.50           | 4.42       | 5.80 | 6.48  | 6.62  | 6.90   | 7.96    | 8.10  | 8.40  | 9.10   |
|             |              |             | 2 592.99           | 4.52       | 5.86 | 6.44  | 6.66  | 7.02   | 7.86    | 7.90  | 8.10  | 9.02   |
|             |              |             | 2 682.48           | 4.24       | 5.32 | 6.12  | 6.38  | 6.82   | 7.04    | 7.00  | 7.38  | 8.92   |
|             |              | 20          | 2 506.02           | 4.70       | 5.68 | 6.52  | 6.74  | 6.84   | 7.94    | 8.32  | 8.44  | 8.98   |
|             |              |             | 2 592.99           | 4.72       | 5.92 | 6.84  | 6.80  | 7.00   | 7.88    | 8.20  | 8.36  | 9.14   |
|             |              |             | 2 679.99           | 4.36       | 5.32 | 6.24  | 6.44  | 6.80   | 7.28    | 7.40  | 7.56  | 9.02   |
|             |              | 25          | 2 508.51           | 4.72       | 5.86 | 6.68  | 6.98  | 6.94   | 8.28    | 8.22  | 8.36  | 9.16   |
|             |              |             | 2 592.99           | 4.80       | 5.86 | 6.68  | 7.06  | 7.00   | 8.12    | 8.20  | 8.40  | 9.08   |
|             |              |             | 2 677.50           | 4.46       | 5.42 | 6.26  | 6.50  | 6.82   | 7.20    | 7.34  | 7.54  | 8.84   |
|             |              | 30          | 2 511.00           | 4.74       | 5.68 | 6.54  | 6.86  | 6.86   | 8.02    | 8.08  | 8.24  | 8.96   |
|             |              |             | 2 592.99           | 4.78       | 5.78 | 6.52  | 6.98  | 7.14   | 7.86    | 8.02  | 8.30  | 9.06   |
|             |              |             | 2 674.98           | 4.30       | 5.12 | 5.96  | 6.24  | 6.74   | 7.02    | 6.88  | 7.26  | 8.58   |
|             |              | 35          | 2 513.51           | 4.92       | 5.98 | 6.68  | 7.06  | 7.10   | 8.50    | 8.34  | 8.40  | 8.94   |
|             |              |             | 2 592.99           | 4.90       | 6.12 | 6.70  | 6.90  | 7.22   | 8.42    | 8.38  | 8.46  | 8.86   |
|             |              |             | 2 672.49           | 4.60       | 5.66 | 6.30  | 6.72  | 6.82   | 7.66    | 7.66  | 7.88  | 8.78   |
|             |              | 40          | 2 516.01           | 4.72       | 5.76 | 6.40  | 6.76  | 6.96   | 8.08    | 8.12  | 8.40  | 8.70   |
|             |              |             | 2 592.99           | 4.66       | 5.92 | 6.44  | 6.86  | 6.88   | 8.06    | 8.00  | 8.28  | 8.84   |
|             |              |             | 2 670.00           | 4.32       | 5.34 | 6.02  | 6.34  | 6.74   | 7.20    | 7.20  | 7.52  | 8.66   |
|             |              | 45          | 2 518.52           | 4.82       | 5.72 | 6.46  | 6.86  | 6.96   | 8.12    | 8.16  | 8.38  | 8.94   |
|             |              |             | 2 592.99           | 4.74       | 5.84 | 6.52  | 6.88  | 7.04   | 8.14    | 8.16  | 8.28  | 9.00   |
|             |              |             | 2 667.49           | 4.46       | 5.34 | 6.14  | 6.52  | 6.88   | 7.22    | 7.22  | 7.60  | 8.82   |
|             |              | 50          | 2 521.02           | 5.08       | 5.66 | 6.46  | 6.72  | 6.80   | 8.00    | 8.08  | 8.14  | 8.82   |
|             |              |             | 2 592.99           | 4.80       | 5.70 | 6.42  | 6.72  | 6.96   | 7.94    | 7.96  | 8.12  | 9.00   |
|             |              |             | 2 664.99           | 4.42       | 5.14 | 5.96  | 6.30  | 6.72   | 7.04    | 7.04  | 7.38  | 8.72   |
|             |              | 60          | 2 526.00           | 4.60       | 5.62 | 6.44  | 6.64  | 6.84   | 8.06    | 8.14  | 8.28  | 8.82   |
|             |              |             | 2 592.99           | 4.56       | 5.72 | 6.42  | 6.74  | 6.92   | 7.96    | 8.02  | 8.20  | 8.84   |
|             |              |             | 2 659.98           | 4.22       | 5.28 | 6.10  | 6.32  | 6.74   | 7.26    | 7.28  | 7.54  | 8.70   |
|             |              | 70          | 2 531.01           | 4.74       | 5.62 | 6.38  | 6.64  | 6.92   | 8.14    | 8.24  | 8.38  | 8.88   |
|             |              |             | 2 592.99           | 4.66       | 5.72 | 6.40  | 6.68  | 6.96   | 7.98    | 8.02  | 8.20  | 8.98   |
|             |              |             | 2 655.00           | 4.26       | 5.40 | 6.10  | 6.40  | 6.80   | 7.48    | 7.38  | 7.78  | 8.78   |
|             |              | 80          | 2 536.02           | 4.86       | 5.70 | 6.40  | 6.62  | 6.74   | 8.20    | 8.24  | 8.32  | 8.82   |
|             |              |             | 2 592.99           | 5.16       | 5.68 | 6.40  | 6.70  | 6.88   | 8.02    | 8.10  | 8.26  | 8.90   |
|             |              |             | 2 649.99           | 4.86       | 5.48 | 6.24  | 6.52  | 6.76   | 7.56    | 7.62  | 7.78  | 8.82   |
|             |              | 90          | 2 541.00           | 4.88       | 5.66 | 6.40  | 6.70  | 6.76   | 8.26    | 8.22  | 8.38  | 8.80   |
|             |              |             | 2 592.99           | 4.82       | 5.68 | 6.38  | 6.68  | 6.96   | 7.88    | 7.92  | 8.18  | 8.94   |
|             |              |             | 2 644.98           | 4.42       | 5.38 | 6.26  | 6.52  | 6.82   | 7.54    | 7.46  | 7.76  | 8.76   |
|             |              | 100         | 2 546.01           | 4.66       | 5.66 | 6.42  | 6.66  | 6.86   | 8.30    | 8.22  | 8.34  | 8.86   |
|             |              |             | 2 592.99           | 5.20       | 5.66 | 6.40  | 6.74  | 6.94   | 7.96    | 7.90  | 8.16  | 8.96   |
|             |              |             | 2 640.00           | 5.44       | 5.64 | 6.20  | 6.56  | 6.88   | 7.64    | 7.56  | 7.78  | 8.70   |

| Band       | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|            |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|            |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| 41<br>(IC) | 30           | 10          | 2 505.00           | 4.60       | 5.84 | 6.46  | 6.66  | 6.88   | 8.00    | 8.12  | 8.36  | 9.00   |
|            |              |             | 2 595.00           | 4.46       | 6.00 | 6.64  | 6.86  | 7.24   | 7.86    | 8.00  | 8.24  | 8.86   |
|            |              |             | 2 685.00           | 4.36       | 5.52 | 6.42  | 6.28  | 6.86   | 7.28    | 7.42  | 7.76  | 8.60   |
|            |              | 15          | 2 507.50           | 4.42       | 5.78 | 6.26  | 6.54  | 7.06   | 8.00    | 7.96  | 8.38  | 8.70   |
|            |              |             | 2 595.00           | 4.56       | 5.74 | 6.42  | 6.52  | 7.12   | 7.78    | 7.94  | 8.14  | 9.08   |
|            |              |             | 2 682.48           | 4.24       | 5.32 | 6.12  | 6.38  | 6.82   | 7.04    | 7.00  | 7.38  | 8.92   |
|            |              | 20          | 2 510.01           | 4.50       | 5.68 | 6.74  | 6.82  | 6.96   | 7.96    | 8.22  | 8.38  | 8.92   |
|            |              |             | 2 595.00           | 4.48       | 5.64 | 6.80  | 6.70  | 6.92   | 7.96    | 8.08  | 8.28  | 9.24   |
|            |              |             | 2 679.99           | 4.36       | 5.32 | 6.24  | 6.44  | 6.80   | 7.28    | 7.40  | 7.56  | 9.02   |
|            |              | 25          | 2 512.50           | 4.66       | 5.90 | 6.72  | 6.96  | 6.98   | 8.14    | 8.24  | 8.28  | 8.98   |
|            |              |             | 2 595.00           | 4.70       | 5.80 | 6.76  | 7.04  | 7.16   | 8.10    | 8.12  | 8.18  | 9.16   |
|            |              |             | 2 677.50           | 4.46       | 5.42 | 6.26  | 6.50  | 6.82   | 7.20    | 7.34  | 7.54  | 8.84   |
|            |              | 30          | 2 515.02           | 4.80       | 5.70 | 6.46  | 6.78  | 6.82   | 8.02    | 7.96  | 8.24  | 8.88   |
|            |              |             | 2 595.00           | 4.76       | 5.66 | 6.52  | 6.92  | 7.06   | 7.92    | 7.88  | 8.34  | 9.12   |
|            |              |             | 2 674.98           | 4.30       | 5.12 | 5.96  | 6.24  | 6.74   | 7.02    | 6.88  | 7.26  | 8.58   |
|            |              | 35          | 2 517.51           | 4.86       | 5.96 | 6.60  | 7.14  | 7.12   | 8.38    | 8.44  | 8.34  | 9.00   |
|            |              |             | 2 595.00           | 4.86       | 6.00 | 6.76  | 6.96  | 6.96   | 8.44    | 8.36  | 8.40  | 9.06   |
|            |              |             | 2 672.49           | 4.60       | 5.66 | 6.30  | 6.72  | 6.82   | 7.66    | 7.66  | 7.88  | 8.78   |
|            |              | 40          | 2 520.00           | 4.74       | 5.86 | 6.46  | 6.70  | 6.90   | 8.08    | 8.06  | 8.40  | 8.82   |
|            |              |             | 2 595.00           | 4.74       | 5.90 | 6.56  | 6.82  | 6.90   | 8.04    | 8.06  | 8.24  | 8.96   |
|            |              |             | 2 670.00           | 4.32       | 5.34 | 6.02  | 6.34  | 6.74   | 7.20    | 7.20  | 7.52  | 8.66   |
|            |              | 45          | 2 522.51           | 4.82       | 5.70 | 6.56  | 6.82  | 6.98   | 8.18    | 8.14  | 8.30  | 9.04   |
|            |              |             | 2 595.00           | 4.78       | 5.82 | 6.52  | 6.96  | 7.14   | 8.10    | 8.14  | 8.32  | 9.08   |
|            |              |             | 2 667.49           | 4.46       | 5.34 | 6.14  | 6.52  | 6.88   | 7.22    | 7.22  | 7.60  | 8.82   |
|            |              | 50          | 2 525.01           | 4.98       | 5.68 | 6.38  | 6.74  | 6.88   | 7.98    | 8.08  | 8.16  | 8.84   |
|            |              |             | 2 595.00           | 4.80       | 5.68 | 6.34  | 6.76  | 6.92   | 7.80    | 7.88  | 8.08  | 9.04   |
|            |              |             | 2 664.99           | 4.42       | 5.14 | 5.96  | 6.30  | 6.72   | 7.04    | 7.04  | 7.38  | 8.72   |
|            |              | 60          | 2 530.02           | 4.56       | 5.72 | 6.42  | 6.66  | 6.80   | 8.08    | 8.02  | 8.20  | 8.76   |
|            |              |             | 2 595.00           | 4.56       | 5.66 | 6.48  | 6.64  | 6.92   | 7.88    | 7.96  | 8.12  | 8.84   |
|            |              |             | 2 659.98           | 4.22       | 5.28 | 6.10  | 6.32  | 6.74   | 7.26    | 7.28  | 7.54  | 8.70   |
|            |              | 70          | 2 535.00           | 4.72       | 5.62 | 6.42  | 6.64  | 6.90   | 8.24    | 8.24  | 8.34  | 8.90   |
|            |              |             | 2 595.00           | 4.70       | 5.68 | 6.46  | 6.70  | 6.94   | 7.92    | 7.98  | 8.24  | 8.88   |
|            |              |             | 2 655.00           | 4.26       | 5.40 | 6.10  | 6.40  | 6.80   | 7.48    | 7.38  | 7.78  | 8.78   |
|            |              | 80          | 2 540.01           | 4.90       | 5.64 | 6.42  | 6.66  | 6.78   | 8.24    | 8.22  | 8.40  | 9.00   |
|            |              |             | 2 595.00           | 5.10       | 5.76 | 6.44  | 6.70  | 6.90   | 8.06    | 8.06  | 8.12  | 8.88   |
|            |              |             | 2 649.99           | 4.86       | 5.48 | 6.24  | 6.52  | 6.76   | 7.56    | 7.62  | 7.78  | 8.82   |
|            |              | 90          | 2 545.02           | 4.90       | 5.68 | 6.44  | 6.58  | 6.84   | 8.24    | 8.20  | 8.40  | 8.86   |
|            |              |             | 2 595.00           | 4.82       | 5.66 | 6.40  | 6.68  | 6.96   | 7.90    | 7.92  | 8.14  | 8.96   |
|            |              |             | 2 644.98           | 4.42       | 5.38 | 6.26  | 6.52  | 6.82   | 7.54    | 7.46  | 7.76  | 8.76   |
|            |              | 100         | 2 550.00           | 4.70       | 5.66 | 6.44  | 6.66  | 6.86   | 8.28    | 8.18  | 8.32  | 8.92   |
|            |              |             | 2 595.00           | 5.22       | 5.66 | 6.42  | 6.66  | 6.94   | 7.90    | 7.94  | 8.14  | 8.90   |
|            |              |             | 2 640.00           | 5.44       | 5.64 | 6.20  | 6.56  | 6.88   | 7.64    | 7.56  | 7.78  | 8.70   |

| Band       | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|            |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|            |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| 48<br>(IC) | 30           | 10          | 3 555.00           | 4.80       | 5.96 | 6.52  | 6.70  | 6.98   | 8.36    | 8.44  | 8.44  | 8.26   |
|            |              |             | 3 624.99           | 4.58       | 5.82 | 6.70  | 6.48  | 6.90   | 8.46    | 8.56  | 8.38  | 8.46   |
|            |              |             | 3 694.98           | 4.64       | 6.06 | 6.74  | 6.48  | 6.80   | 8.42    | 8.56  | 8.40  | 8.60   |
|            |              | 15          | 3 557.52           | 4.54       | 6.04 | 6.56  | 6.50  | 6.62   | 8.34    | 8.70  | 8.40  | 8.38   |
|            |              |             | 3 624.99           | 4.64       | 6.12 | 6.24  | 6.72  | 6.62   | 8.58    | 8.64  | 8.50  | 8.14   |
|            |              |             | 3 692.49           | 4.56       | 6.00 | 6.64  | 6.54  | 6.64   | 8.28    | 8.74  | 8.56  | 8.42   |
|            |              | 20          | 3 560.01           | 4.86       | 6.10 | 6.84  | 6.96  | 6.72   | 8.30    | 8.74  | 8.58  | 8.64   |
|            |              |             | 3 624.99           | 4.74       | 6.16 | 6.90  | 6.66  | 6.64   | 8.38    | 8.76  | 8.62  | 8.46   |
|            |              |             | 3 690.00           | 4.62       | 5.96 | 6.62  | 6.76  | 6.56   | 8.42    | 8.86  | 8.58  | 8.68   |
|            |              | 30          | 3 565.02           | 4.92       | 5.84 | 6.56  | 6.80  | 6.58   | 8.54    | 8.62  | 8.62  | 8.46   |
|            |              |             | 3 624.99           | 4.80       | 5.78 | 6.56  | 6.88  | 6.72   | 8.68    | 8.66  | 8.54  | 8.52   |
|            |              |             | 3 684.99           | 4.86       | 5.94 | 6.60  | 6.86  | 6.52   | 8.56    | 8.60  | 8.64  | 8.38   |
|            |              | 40          | 3 570.00           | 4.74       | 5.88 | 6.44  | 6.78  | 6.64   | 8.52    | 8.46  | 8.50  | 8.26   |
|            |              |             | 3 624.99           | 4.76       | 6.08 | 6.52  | 6.70  | 6.68   | 8.50    | 8.56  | 8.44  | 8.44   |
|            |              |             | 3 679.98           | 4.78       | 5.94 | 6.44  | 6.70  | 6.68   | 8.54    | 8.52  | 8.58  | 8.24   |

| Band                        | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|-----------------------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|                             |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|                             |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| n77/78<br>Low Band<br>(FCC) | 30           | 10          | 3 455.01           | 4.80       | 5.84 | 6.60  | 6.88  | 6.94   | 8.50    | 8.68  | 8.52  | 8.20   |
|                             |              |             | 3 500.01           | 4.62       | 6.08 | 6.62  | 6.82  | 6.96   | 8.42    | 8.40  | 8.68  | 8.56   |
|                             |              |             | 3 544.98           | 4.80       | 5.94 | 6.78  | 6.80  | 6.72   | 8.36    | 8.54  | 8.64  | 8.36   |
|                             |              | 15          | 3 457.50           | 4.70       | 6.06 | 6.50  | 6.74  | 6.84   | 8.54    | 8.60  | 8.42  | 8.40   |
|                             |              |             | 3 500.01           | 4.72       | 6.02 | 6.56  | 6.76  | 6.80   | 8.42    | 8.46  | 8.38  | 8.66   |
|                             |              |             | 3 542.49           | 4.70       | 5.92 | 6.52  | 6.72  | 6.74   | 8.26    | 8.44  | 8.54  | 8.50   |
|                             |              | 20          | 3 460.02           | 4.82       | 6.14 | 6.64  | 6.64  | 6.72   | 8.38    | 8.68  | 8.62  | 8.40   |
|                             |              |             | 3 500.01           | 4.54       | 5.94 | 6.78  | 6.82  | 6.72   | 8.28    | 8.74  | 8.66  | 8.50   |
|                             |              |             | 3 540.00           | 4.72       | 5.94 | 6.74  | 6.88  | 6.66   | 8.40    | 8.74  | 8.50  | 8.72   |
|                             |              | 25          | 3 462.51           | 4.88       | 6.12 | 6.76  | 7.02  | 6.78   | 8.54    | 8.66  | 8.64  | 8.80   |
|                             |              |             | 3 500.01           | 5.02       | 6.06 | 6.62  | 6.96  | 6.66   | 8.46    | 8.64  | 8.50  | 8.78   |
|                             |              |             | 3 537.48           | 5.02       | 6.00 | 6.74  | 7.00  | 6.64   | 8.48    | 8.64  | 8.68  | 8.80   |
|                             |              | 30          | 3 465.00           | 4.86       | 6.00 | 6.64  | 6.90  | 6.68   | 8.56    | 8.58  | 8.44  | 8.42   |
|                             |              |             | 3 500.01           | 4.92       | 5.82 | 6.52  | 6.84  | 6.74   | 8.52    | 8.54  | 8.56  | 8.56   |
|                             |              |             | 3 534.99           | 4.84       | 5.90 | 6.62  | 6.76  | 6.56   | 8.50    | 8.48  | 8.58  | 8.64   |
|                             |              | 40          | 3 470.01           | 4.84       | 5.92 | 6.54  | 6.82  | 6.68   | 8.58    | 8.56  | 8.56  | 8.50   |
|                             |              |             | 3 500.01           | 4.84       | 5.96 | 6.58  | 6.78  | 6.72   | 8.26    | 8.38  | 8.58  | 8.34   |
|                             |              |             | 3 529.98           | 4.84       | 5.96 | 6.48  | 6.76  | 6.60   | 8.46    | 8.42  | 8.58  | 8.32   |
|                             |              | 50          | 3 475.02           | 4.96       | 5.86 | 6.44  | 6.72  | 6.64   | 8.50    | 8.60  | 8.42  | 8.60   |
|                             |              |             | 3 500.01           | 4.92       | 5.86 | 6.44  | 6.68  | 6.70   | 8.44    | 8.52  | 8.38  | 8.62   |
|                             |              |             | 3 525.00           | 4.90       | 5.80 | 6.44  | 6.66  | 6.68   | 8.50    | 8.54  | 8.30  | 8.52   |
|                             |              | 60          | 3 480.00           | 4.66       | 5.84 | 6.48  | 6.72  | 6.66   | 8.44    | 8.48  | 8.46  | 8.46   |
|                             |              |             | 3 500.01           | 4.68       | 5.82 | 6.44  | 6.70  | 6.64   | 8.52    | 8.46  | 8.44  | 8.54   |
|                             |              |             | 3 519.99           | 4.58       | 5.72 | 6.54  | 6.62  | 6.62   | 8.48    | 8.48  | 8.44  | 8.48   |
|                             |              | 70          | 3 485.01           | 4.80       | 5.82 | 6.46  | 6.62  | 6.68   | 8.54    | 8.58  | 8.54  | 8.64   |
|                             |              |             | 3 500.01           | 4.76       | 5.82 | 6.46  | 6.68  | 6.68   | 8.48    | 8.56  | 8.46  | 8.52   |
|                             |              |             | 3 514.98           | 4.74       | 5.80 | 6.46  | 6.68  | 6.58   | 8.40    | 8.46  | 8.48  | 8.64   |
|                             |              | 80          | 3 490.02           | 5.20       | 5.82 | 6.36  | 6.70  | 6.68   | 8.58    | 8.58  | 8.50  | 8.52   |
|                             |              |             | 3 500.01           | 5.18       | 5.78 | 6.40  | 6.68  | 6.62   | 8.56    | 8.50  | 8.46  | 8.60   |
|                             |              |             | 3 510.00           | 5.16       | 5.74 | 6.48  | 6.64  | 6.68   | 8.60    | 8.48  | 8.42  | 8.52   |
|                             |              | 90          | 3 495.00           | 4.90       | 5.86 | 6.40  | 6.76  | 6.66   | 8.50    | 8.52  | 8.58  | 8.52   |
|                             |              |             | 3 500.01           | 4.88       | 5.82 | 6.50  | 6.64  | 6.68   | 8.54    | 8.46  | 8.50  | 8.54   |
|                             |              |             | 3 504.99           | 4.90       | 5.86 | 6.44  | 6.60  | 6.66   | 8.54    | 8.46  | 8.52  | 8.52   |
|                             |              | 100         | 3 500.01           | 5.28       | 5.82 | 6.46  | 6.66  | 6.60   | 8.50    | 8.46  | 8.48  | 8.54   |

| Band                         | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|------------------------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|                              |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|                              |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| n77/78<br>High Band<br>(FCC) | 30           | 10          | 3 705.00           | 4.72       | 6.14 | 6.64  | 6.70  | 6.68   | 8.44    | 8.50  | 8.72  | 8.56   |
|                              |              |             | 3 840.00           | 4.76       | 6.00 | 6.48  | 6.70  | 6.98   | 8.10    | 8.50  | 8.42  | 8.64   |
|                              |              |             | 3 975.00           | 4.60       | 5.82 | 6.72  | 6.64  | 6.78   | 8.04    | 8.38  | 8.44  | 8.56   |
|                              |              | 15          | 3 707.52           | 4.70       | 5.96 | 6.62  | 6.60  | 6.70   | 8.30    | 8.42  | 8.42  | 8.48   |
|                              |              |             | 3 840.00           | 4.60       | 5.84 | 6.44  | 6.50  | 6.78   | 8.12    | 8.30  | 8.32  | 8.74   |
|                              |              |             | 3 972.48           | 4.60       | 5.94 | 6.44  | 6.50  | 6.60   | 8.08    | 8.18  | 8.30  | 8.16   |
|                              |              | 20          | 3 710.01           | 4.84       | 6.06 | 6.62  | 6.64  | 6.68   | 8.36    | 8.66  | 8.48  | 8.84   |
|                              |              |             | 3 840.00           | 4.62       | 5.78 | 6.54  | 6.62  | 6.72   | 8.22    | 8.66  | 8.56  | 8.84   |
|                              |              |             | 3 969.99           | 4.68       | 5.70 | 6.60  | 6.70  | 6.62   | 8.14    | 8.68  | 8.48  | 8.72   |
|                              |              | 25          | 3 712.50           | 4.96       | 6.12 | 6.68  | 6.98  | 6.66   | 8.38    | 8.40  | 8.60  | 8.84   |
|                              |              |             | 3 840.00           | 4.86       | 6.02 | 6.68  | 6.90  | 6.74   | 8.50    | 8.56  | 8.60  | 8.80   |
|                              |              |             | 3 967.50           | 4.82       | 5.90 | 6.58  | 6.88  | 6.74   | 8.32    | 8.40  | 8.28  | 8.76   |
|                              |              | 30          | 3 715.02           | 4.80       | 5.82 | 6.48  | 6.80  | 6.62   | 8.38    | 8.44  | 8.46  | 8.50   |
|                              |              |             | 3 840.00           | 4.76       | 5.78 | 6.42  | 6.84  | 6.68   | 8.42    | 8.26  | 8.50  | 8.64   |
|                              |              |             | 3 964.98           | 4.72       | 5.58 | 6.34  | 6.66  | 6.64   | 8.16    | 8.30  | 8.38  | 8.44   |
|                              |              | 40          | 3 720.00           | 4.84       | 5.84 | 6.58  | 6.68  | 6.62   | 8.34    | 8.28  | 8.40  | 8.60   |
|                              |              |             | 3 840.00           | 4.78       | 5.72 | 6.48  | 6.74  | 6.82   | 8.30    | 8.34  | 8.48  | 8.64   |
|                              |              |             | 3 960.00           | 4.74       | 5.78 | 6.38  | 6.62  | 6.66   | 8.30    | 8.20  | 8.46  | 8.48   |
|                              |              | 50          | 3 725.01           | 5.80       | 5.76 | 6.42  | 6.60  | 6.66   | 8.26    | 8.38  | 8.26  | 8.58   |
|                              |              |             | 3 840.00           | 5.68       | 5.70 | 6.42  | 6.66  | 6.68   | 8.34    | 8.40  | 8.40  | 8.66   |
|                              |              |             | 3 954.99           | 5.62       | 5.68 | 6.36  | 6.58  | 6.60   | 8.18    | 8.32  | 8.20  | 8.38   |
|                              |              | 60          | 3 730.02           | 5.80       | 5.78 | 6.38  | 6.60  | 6.68   | 8.28    | 8.26  | 8.34  | 8.52   |
|                              |              |             | 3 840.00           | 5.72       | 5.74 | 6.46  | 6.62  | 6.70   | 8.36    | 8.50  | 8.42  | 8.52   |
|                              |              |             | 3 949.98           | 5.66       | 5.72 | 6.38  | 6.58  | 6.60   | 8.28    | 8.38  | 8.26  | 8.42   |
|                              |              | 70          | 3 735.00           | 5.76       | 5.78 | 6.40  | 6.60  | 6.66   | 8.36    | 8.32  | 8.34  | 8.58   |
|                              |              |             | 3 840.00           | 5.74       | 5.76 | 6.46  | 6.66  | 6.72   | 8.38    | 8.40  | 8.46  | 8.62   |
|                              |              |             | 3 945.00           | 5.68       | 5.72 | 6.40  | 6.58  | 6.66   | 8.40    | 8.28  | 8.38  | 8.58   |
|                              |              | 80          | 3 740.01           | 5.76       | 5.76 | 6.30  | 6.68  | 6.62   | 8.44    | 8.40  | 8.52  | 8.62   |
|                              |              |             | 3 840.00           | 5.66       | 5.76 | 6.44  | 6.64  | 6.58   | 8.46    | 8.48  | 8.54  | 8.82   |
|                              |              |             | 3 939.99           | 5.70       | 5.78 | 6.44  | 6.66  | 6.56   | 8.36    | 8.40  | 8.42  | 8.74   |
|                              |              | 90          | 3 745.02           | 5.74       | 5.70 | 6.38  | 6.56  | 5.74   | 8.24    | 8.28  | 8.38  | 8.44   |
|                              |              |             | 3 840.00           | 5.70       | 5.76 | 6.42  | 6.76  | 6.74   | 8.32    | 8.38  | 8.52  | 8.58   |
|                              |              |             | 3 934.98           | 5.76       | 5.74 | 6.42  | 6.66  | 6.66   | 8.26    | 8.30  | 8.40  | 8.48   |
|                              |              | 100         | 3 750.00           | 5.78       | 5.74 | 6.40  | 6.64  | 6.60   | 8.36    | 8.36  | 8.34  | 8.54   |
|                              |              |             | 3 840.00           | 5.70       | 5.68 | 6.44  | 6.70  | 6.72   | 8.44    | 8.34  | 8.46  | 8.60   |
|                              |              |             | 3 930.00           | 5.70       | 5.66 | 6.42  | 6.56  | 6.66   | 8.34    | 8.28  | 8.40  | 8.58   |

| Band                      | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|---------------------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|                           |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|                           |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| 77/78<br>Low Band<br>(IC) | 30           | 10          | 3 455.01           | 4.80       | 6.12 | 6.60  | 6.78  | 7.14   | 8.48    | 8.48  | 8.50  | 8.34   |
|                           |              |             | 3 675.00           | 4.74       | 6.16 | 6.66  | 6.64  | 6.98   | 8.28    | 8.44  | 8.42  | 8.62   |
|                           |              |             | 3 894.99           | 4.70       | 5.92 | 6.58  | 6.52  | 6.82   | 8.32    | 8.48  | 8.38  | 8.14   |
|                           |              | 15          | 3 457.50           | 4.70       | 6.00 | 6.62  | 6.74  | 6.74   | 8.36    | 8.38  | 8.50  | 8.64   |
|                           |              |             | 3 675.00           | 4.82       | 6.02 | 6.52  | 6.58  | 6.74   | 8.42    | 8.52  | 8.44  | 8.42   |
|                           |              |             | 3 892.50           | 4.58       | 6.00 | 6.26  | 6.72  | 6.78   | 8.20    | 8.42  | 8.46  | 8.74   |
|                           |              | 20          | 3 460.02           | 4.72       | 6.04 | 6.78  | 6.86  | 6.72   | 8.34    | 8.78  | 8.68  | 8.60   |
|                           |              |             | 3 675.00           | 4.60       | 5.92 | 6.50  | 6.74  | 6.74   | 8.20    | 8.82  | 8.58  | 8.72   |
|                           |              |             | 3 889.98           | 4.78       | 5.88 | 6.86  | 6.88  | 6.68   | 8.22    | 8.64  | 8.60  | 8.72   |
|                           |              | 25          | 3 462.51           | 5.06       | 6.24 | 6.82  | 7.04  | 6.68   | 8.52    | 8.70  | 8.48  | 8.76   |
|                           |              |             | 3 675.00           | 4.84       | 6.06 | 6.74  | 6.96  | 6.70   | 8.44    | 8.58  | 8.56  | 8.62   |
|                           |              |             | 3 887.49           | 4.92       | 5.90 | 6.74  | 6.94  | 6.92   | 8.48    | 8.62  | 8.40  | 8.88   |
|                           |              | 30          | 3 465.00           | 4.84       | 5.78 | 6.58  | 6.88  | 6.62   | 8.50    | 8.48  | 8.44  | 8.46   |
|                           |              |             | 3 675.00           | 4.92       | 5.86 | 6.62  | 6.92  | 6.66   | 8.36    | 8.48  | 8.58  | 8.64   |
|                           |              |             | 3 885.00           | 4.86       | 5.72 | 6.52  | 6.82  | 6.86   | 8.54    | 8.46  | 8.54  | 8.56   |
|                           |              | 40          | 3 470.01           | 4.82       | 5.94 | 6.58  | 6.84  | 6.80   | 8.60    | 8.48  | 8.64  | 8.32   |
|                           |              |             | 3 675.00           | 4.88       | 6.00 | 6.50  | 6.74  | 6.66   | 8.46    | 8.38  | 8.44  | 8.42   |
|                           |              |             | 3 879.99           | 4.78       | 5.94 | 6.40  | 6.78  | 6.72   | 8.24    | 8.42  | 8.54  | 8.46   |
|                           |              | 50          | 3 475.02           | 4.94       | 5.84 | 6.52  | 6.72  | 6.66   | 8.52    | 8.54  | 8.44  | 8.64   |
|                           |              |             | 3 675.00           | 4.96       | 5.80 | 6.44  | 6.68  | 6.66   | 8.40    | 8.52  | 8.36  | 8.60   |
|                           |              |             | 3 874.98           | 4.86       | 5.80 | 6.48  | 6.70  | 6.70   | 8.40    | 8.40  | 8.44  | 8.66   |
|                           |              | 60          | 3 480.00           | 4.64       | 5.84 | 6.48  | 6.72  | 6.64   | 8.42    | 8.50  | 8.56  | 8.42   |
|                           |              |             | 3 675.00           | 4.70       | 5.80 | 6.44  | 6.66  | 6.68   | 8.42    | 8.50  | 8.38  | 8.40   |
|                           |              |             | 3 870.00           | 4.58       | 5.78 | 6.40  | 6.64  | 6.70   | 8.38    | 8.42  | 8.48  | 8.54   |
|                           |              | 70          | 3 485.01           | 4.82       | 5.76 | 6.54  | 6.72  | 6.58   | 8.54    | 8.56  | 8.46  | 8.54   |
|                           |              |             | 3 675.00           | 4.80       | 5.80 | 6.48  | 6.66  | 6.70   | 8.48    | 8.46  | 8.42  | 8.64   |
|                           |              |             | 3 864.99           | 4.70       | 5.74 | 6.46  | 6.68  | 6.70   | 8.40    | 8.54  | 8.52  | 8.64   |
|                           |              | 80          | 3 490.02           | 5.24       | 5.84 | 6.34  | 6.68  | 6.64   | 8.58    | 8.50  | 8.54  | 8.56   |
|                           |              |             | 3 675.00           | 5.22       | 5.88 | 6.50  | 6.64  | 6.62   | 8.42    | 8.48  | 8.40  | 8.60   |
|                           |              |             | 3 859.98           | 5.14       | 5.74 | 6.38  | 6.60  | 6.62   | 8.34    | 8.48  | 8.54  | 8.48   |
|                           |              | 90          | 3 495.00           | 4.88       | 5.84 | 6.46  | 6.62  | 6.64   | 8.50    | 8.48  | 8.70  | 8.50   |
|                           |              |             | 3 675.00           | 4.90       | 5.82 | 6.46  | 6.60  | 6.68   | 8.42    | 8.44  | 8.44  | 8.52   |
|                           |              |             | 3 855.00           | 4.84       | 5.76 | 6.36  | 6.74  | 6.70   | 8.28    | 8.38  | 8.50  | 8.64   |
|                           |              | 100         | 3 500.01           | 5.28       | 5.84 | 6.44  | 6.72  | 6.62   | 8.48    | 8.44  | 8.44  | 8.58   |
|                           |              |             | 3 675.00           | 5.26       | 5.82 | 6.44  | 6.58  | 6.66   | 8.46    | 8.38  | 8.42  | 8.56   |
|                           |              |             | 3 849.99           | 5.14       | 5.70 | 6.46  | 6.60  | 6.64   | 8.50    | 8.34  | 8.46  | 8.64   |

| Band                    | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB)   |      |       |       |        |         |       |       |        |
|-------------------------|--------------|-------------|--------------------|------------|------|-------|-------|--------|---------|-------|-------|--------|
|                         |              |             |                    | DFT-S-OFDM |      |       |       |        | CP-OFDM |       |       |        |
|                         |              |             |                    | BPSK       | QPSK | 16QAM | 64QAM | 256QAM | QPSK    | 16QAM | 64QAM | 256QAM |
| 77<br>High Band<br>(IC) | 30           | 10          | 3 905.01           | 4.62       | 5.94 | 6.46  | 6.82  | 7.10   | 8.38    | 8.36  | 8.44  | 8.48   |
|                         |              |             | 3 939.99           | 4.58       | 6.02 | 6.68  | 6.74  | 7.02   | 8.30    | 8.36  | 8.64  | 8.42   |
|                         |              |             | 3 975.00           | 4.52       | 5.88 | 6.46  | 6.58  | 7.08   | 8.18    | 8.38  | 8.40  | 8.60   |
|                         |              | 15          | 3 907.50           | 4.56       | 5.92 | 6.64  | 6.50  | 6.66   | 8.14    | 8.48  | 8.50  | 8.70   |
|                         |              |             | 3 939.99           | 4.52       | 5.84 | 6.48  | 6.58  | 6.74   | 8.14    | 8.32  | 8.30  | 8.70   |
|                         |              |             | 3 972.48           | 4.50       | 5.76 | 6.48  | 6.46  | 6.66   | 8.08    | 8.26  | 8.34  | 8.46   |
|                         |              | 20          | 3 910.02           | 4.58       | 5.84 | 6.58  | 6.84  | 6.90   | 8.22    | 8.64  | 8.50  | 8.62   |
|                         |              |             | 3 939.99           | 4.68       | 5.80 | 6.50  | 6.70  | 6.76   | 8.18    | 8.66  | 8.46  | 8.70   |
|                         |              |             | 3 969.99           | 4.82       | 5.84 | 6.68  | 6.76  | 6.70   | 7.94    | 8.48  | 8.38  | 8.54   |
|                         |              | 25          | 3 912.51           | 4.72       | 5.98 | 6.62  | 6.94  | 6.72   | 8.40    | 8.64  | 8.60  | 8.70   |
|                         |              |             | 3 939.99           | 4.88       | 5.94 | 6.64  | 6.92  | 6.80   | 8.46    | 8.62  | 8.50  | 8.82   |
|                         |              |             | 3 967.50           | 4.70       | 5.92 | 6.56  | 6.78  | 6.72   | 8.30    | 8.36  | 8.52  | 8.66   |
|                         |              | 30          | 3 915.00           | 4.76       | 5.72 | 6.52  | 6.78  | 6.80   | 8.34    | 8.24  | 8.46  | 8.54   |
|                         |              |             | 3 939.99           | 4.82       | 5.64 | 6.46  | 6.80  | 6.60   | 8.44    | 8.16  | 8.44  | 8.52   |
|                         |              |             | 3 964.98           | 4.78       | 5.64 | 6.44  | 6.60  | 6.70   | 8.18    | 8.20  | 8.32  | 8.46   |
|                         |              | 40          | 3 920.01           | 4.86       | 5.88 | 6.46  | 6.70  | 6.70   | 8.44    | 8.28  | 8.52  | 8.56   |
|                         |              |             | 3 939.99           | 4.80       | 5.82 | 6.38  | 6.68  | 6.78   | 8.40    | 8.34  | 8.32  | 8.36   |
|                         |              |             | 3 960.00           | 4.72       | 5.70 | 6.46  | 6.62  | 6.62   | 8.30    | 8.16  | 8.26  | 8.42   |
|                         |              | 50          | 3 925.02           | 4.86       | 5.74 | 6.44  | 6.66  | 6.66   | 8.28    | 8.38  | 8.34  | 8.64   |
|                         |              |             | 3 939.99           | 4.80       | 5.74 | 6.40  | 6.62  | 6.60   | 8.26    | 8.34  | 8.28  | 8.46   |
|                         |              |             | 3 954.99           | 4.76       | 5.68 | 6.36  | 6.60  | 6.58   | 8.22    | 8.22  | 8.22  | 8.48   |
|                         |              | 60          | 3 930.00           | 4.60       | 5.64 | 6.40  | 6.62  | 6.64   | 8.28    | 8.36  | 8.30  | 8.54   |
|                         |              |             | 3 939.99           | 4.60       | 5.74 | 6.38  | 6.64  | 6.64   | 8.28    | 8.28  | 8.38  | 8.46   |
|                         |              |             | 3 949.98           | 4.54       | 5.64 | 6.38  | 6.64  | 6.58   | 8.28    | 8.34  | 8.34  | 8.44   |
|                         |              | 70          | 3 935.01           | 4.68       | 5.68 | 6.42  | 6.66  | 6.70   | 8.38    | 8.34  | 8.48  | 8.54   |
|                         |              |             | 3 939.99           | 4.68       | 5.70 | 6.44  | 6.58  | 6.68   | 8.28    | 8.40  | 8.44  | 8.56   |
|                         |              |             | 3 945.00           | 4.68       | 5.68 | 6.42  | 6.68  | 6.70   | 8.34    | 8.40  | 8.42  | 8.54   |
|                         |              | 80          | 3 939.99           | 5.10       | 5.78 | 6.44  | 6.64  | 6.56   | 8.34    | 8.34  | 8.38  | 8.56   |

**MIMO**

| Band          | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB) |       |       |        |        |       |       |        |
|---------------|--------------|-------------|--------------------|----------|-------|-------|--------|--------|-------|-------|--------|
|               |              |             |                    | Port 1   |       |       |        | Port 2 |       |       |        |
|               |              |             |                    | QPSK     | 16QAM | 64QAM | 256QAM | QPSK   | 16QAM | 64QAM | 256QAM |
| NR 48<br>(IC) | 30           | 10          | 3 555.00           | 8.32     | 8.42  | 8.24  | 8.32   | 8.36   | 8.44  | 8.48  | 8.88   |
|               |              |             | 3 624.99           | 8.46     | 8.46  | 8.06  | 8.04   | 8.28   | 8.36  | 8.34  | 8.40   |
|               |              |             | 3 694.98           | 8.50     | 8.54  | 8.04  | 8.16   | 8.38   | 8.34  | 8.46  | 8.48   |
|               |              | 15          | 3 557.52           | 8.26     | 8.44  | 8.34  | 8.28   | 8.56   | 8.64  | 8.54  | 8.54   |
|               |              |             | 3 624.99           | 8.36     | 8.28  | 8.26  | 8.58   | 8.62   | 8.42  | 8.56  | 8.44   |
|               |              |             | 3 692.49           | 8.22     | 8.14  | 8.28  | 8.40   | 8.68   | 8.30  | 8.50  | 8.44   |
|               |              | 20          | 3 560.01           | 8.32     | 8.40  | 8.20  | 8.58   | 8.68   | 8.70  | 8.50  | 8.58   |
|               |              |             | 3 624.99           | 8.32     | 8.38  | 8.26  | 8.62   | 8.56   | 8.64  | 8.56  | 8.58   |
|               |              |             | 3 690.00           | 8.22     | 8.46  | 8.24  | 8.62   | 8.60   | 8.62  | 8.28  | 8.54   |
|               |              | 30          | 3 565.02           | 8.46     | 8.56  | 8.52  | 8.40   | 8.56   | 8.42  | 8.44  | 8.38   |
|               |              |             | 3 624.99           | 8.66     | 8.60  | 8.66  | 8.30   | 8.62   | 8.34  | 8.24  | 8.32   |
|               |              |             | 3 684.99           | 8.68     | 8.44  | 8.60  | 8.36   | 8.88   | 8.54  | 8.32  | 8.32   |
|               |              | 40          | 3 570.00           | 8.44     | 8.60  | 8.42  | 8.36   | 8.52   | 8.50  | 8.24  | 8.42   |
|               |              |             | 3 624.99           | 8.32     | 8.62  | 8.44  | 8.30   | 8.60   | 8.56  | 8.24  | 8.20   |
|               |              |             | 3 679.98           | 8.30     | 8.46  | 8.46  | 8.30   | 8.42   | 8.46  | 8.12  | 8.16   |

| Band                       | SCS (kHz) | BW (MHz) | Frequency (MHz) | PAR (dB) |       |       |        |        |       |       |        |
|----------------------------|-----------|----------|-----------------|----------|-------|-------|--------|--------|-------|-------|--------|
|                            |           |          |                 | Port 1   |       |       |        | Port 2 |       |       |        |
|                            |           |          |                 | QPSK     | 16QAM | 64QAM | 256QAM | QPSK   | 16QAM | 64QAM | 256QAM |
| 77/78<br>Low Band<br>(FCC) | 30        | 10       | 3 455.01        | 8.52     | 8.66  | 8.14  | 8.28   | 8.60   | 8.54  | 8.58  | 8.76   |
|                            |           |          | 3 500.01        | 8.48     | 8.72  | 8.40  | 8.28   | 8.54   | 8.40  | 8.64  | 8.44   |
|                            |           |          | 3 544.98        | 8.10     | 8.80  | 8.16  | 8.02   | 8.56   | 8.32  | 8.52  | 8.94   |
|                            |           | 15       | 3 457.50        | 8.30     | 8.46  | 8.10  | 8.56   | 8.36   | 8.44  | 8.70  | 8.56   |
|                            |           |          | 3 500.01        | 8.16     | 8.60  | 8.22  | 8.24   | 8.60   | 8.58  | 8.56  | 8.50   |
|                            |           |          | 3 542.49        | 8.22     | 8.48  | 8.36  | 8.32   | 8.48   | 8.54  | 8.56  | 8.68   |
|                            |           | 20       | 3 460.02        | 8.40     | 8.38  | 8.10  | 8.64   | 8.58   | 8.74  | 8.42  | 8.70   |
|                            |           |          | 3 500.01        | 8.16     | 8.48  | 8.32  | 8.82   | 8.58   | 8.66  | 8.64  | 8.86   |
|                            |           |          | 3 540.00        | 8.42     | 8.50  | 8.22  | 8.76   | 8.60   | 8.66  | 8.34  | 8.82   |
|                            |           | 25       | 3 462.51        | 8.68     | 8.46  | 8.40  | 8.64   | 8.58   | 8.70  | 8.82  | 8.48   |
|                            |           |          | 3 500.01        | 8.62     | 8.42  | 8.42  | 8.58   | 8.46   | 8.68  | 8.76  | 8.68   |
|                            |           |          | 3 537.48        | 8.68     | 8.44  | 8.70  | 8.66   | 8.58   | 8.54  | 8.72  | 8.60   |
|                            |           | 30       | 3 465.00        | 8.64     | 8.66  | 8.72  | 8.54   | 8.88   | 8.40  | 8.48  | 8.52   |
|                            |           |          | 3 500.01        | 8.70     | 8.64  | 8.84  | 8.58   | 8.72   | 8.46  | 8.24  | 8.62   |
|                            |           |          | 3 534.99        | 8.78     | 8.68  | 8.78  | 8.64   | 8.76   | 8.58  | 8.46  | 8.58   |
|                            |           | 40       | 3 470.01        | 8.52     | 8.48  | 8.44  | 8.42   | 8.58   | 8.66  | 8.32  | 8.32   |
|                            |           |          | 3 500.01        | 8.60     | 8.54  | 8.48  | 8.44   | 8.44   | 8.50  | 8.32  | 8.26   |
|                            |           |          | 3 529.98        | 8.50     | 8.66  | 8.48  | 8.42   | 8.46   | 8.42  | 8.46  | 8.38   |
|                            |           | 50       | 3 475.02        | 8.60     | 8.58  | 8.56  | 8.52   | 8.44   | 8.54  | 8.58  | 8.44   |
|                            |           |          | 3 500.01        | 8.66     | 8.54  | 8.48  | 8.44   | 8.52   | 8.58  | 8.58  | 8.42   |
|                            |           |          | 3 525.00        | 8.62     | 8.64  | 8.62  | 8.52   | 8.48   | 8.54  | 8.60  | 8.46   |
|                            |           | 60       | 3 480.00        | 8.42     | 8.68  | 8.50  | 8.32   | 8.50   | 8.38  | 8.56  | 8.32   |
|                            |           |          | 3 500.01        | 8.48     | 8.60  | 8.38  | 8.34   | 8.42   | 8.40  | 8.62  | 8.36   |
|                            |           |          | 3 519.99        | 8.48     | 8.68  | 8.52  | 8.32   | 8.48   | 8.46  | 8.58  | 8.46   |
|                            |           | 70       | 3 485.01        | 8.54     | 8.50  | 8.56  | 8.44   | 8.50   | 8.58  | 8.58  | 8.36   |
|                            |           |          | 3 500.01        | 8.56     | 8.54  | 8.64  | 8.46   | 8.56   | 8.56  | 8.50  | 8.46   |
|                            |           |          | 3 514.98        | 8.66     | 8.60  | 8.50  | 8.48   | 8.54   | 8.62  | 8.36  | 8.40   |
|                            |           | 80       | 3 490.02        | 8.54     | 8.44  | 8.60  | 8.48   | 8.60   | 8.54  | 8.52  | 8.34   |
|                            |           |          | 3 500.01        | 8.52     | 8.46  | 8.40  | 8.48   | 8.60   | 8.54  | 8.52  | 8.44   |
|                            |           |          | 3 510.00        | 8.52     | 8.58  | 8.54  | 8.40   | 8.66   | 8.52  | 8.56  | 8.38   |
|                            |           | 90       | 3 495.00        | 8.56     | 8.54  | 8.52  | 8.48   | 8.46   | 8.56  | 8.48  | 8.34   |
|                            |           |          | 3 500.01        | 8.54     | 8.50  | 8.46  | 8.40   | 8.52   | 8.54  | 8.46  | 8.36   |
|                            |           |          | 3 504.99        | 8.60     | 8.54  | 8.56  | 8.46   | 8.48   | 8.62  | 8.44  | 8.36   |
|                            |           | 100      | 3 500.01        | 8.56     | 8.72  | 8.38  | 8.56   | 8.58   | 8.60  | 8.56  | 8.40   |

| Band                        | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB) |       |       |        |        |       |       |        |
|-----------------------------|--------------|-------------|--------------------|----------|-------|-------|--------|--------|-------|-------|--------|
|                             |              |             |                    | Port 1   |       |       |        | Port 2 |       |       |        |
|                             |              |             |                    | QPSK     | 16QAM | 64QAM | 256QAM | QPSK   | 16QAM | 64QAM | 256QAM |
| 77/78<br>High Band<br>(FCC) | 30           | 10          | 3 705.00           | 8.26     | 8.46  | 8.30  | 8.14   | 8.50   | 8.56  | 8.58  | 8.70   |
|                             |              |             | 3 840.00           | 8.50     | 8.68  | 8.50  | 8.50   | 8.46   | 8.42  | 8.58  | 9.28   |
|                             |              |             | 3 975.00           | 8.10     | 8.54  | 8.22  | 8.44   | 8.30   | 8.14  | 8.62  | 9.12   |
|                             |              | 15          | 3 707.52           | 8.44     | 8.26  | 8.22  | 8.66   | 8.66   | 8.42  | 8.58  | 8.58   |
|                             |              |             | 3 840.00           | 8.44     | 8.70  | 8.36  | 8.82   | 8.44   | 8.36  | 8.70  | 8.84   |
|                             |              |             | 3 972.48           | 8.24     | 8.12  | 8.28  | 8.70   | 8.50   | 8.48  | 8.58  | 8.68   |
|                             |              | 20          | 3 710.01           | 8.30     | 8.38  | 8.20  | 8.58   | 8.62   | 8.62  | 8.68  | 8.74   |
|                             |              |             | 3 840.00           | 8.46     | 8.68  | 8.50  | 9.14   | 8.70   | 8.72  | 8.56  | 8.84   |
|                             |              |             | 3 969.99           | 8.44     | 8.38  | 8.32  | 8.98   | 8.50   | 8.60  | 8.58  | 9.06   |
|                             |              | 25          | 3 712.50           | 8.56     | 8.46  | 8.50  | 8.54   | 8.50   | 8.56  | 8.72  | 8.62   |
|                             |              |             | 3 840.00           | 8.74     | 8.74  | 8.72  | 8.82   | 8.60   | 8.60  | 8.86  | 8.78   |
|                             |              |             | 3 967.50           | 8.62     | 8.40  | 8.64  | 8.72   | 8.50   | 8.56  | 8.74  | 8.84   |
|                             |              | 30          | 3 715.02           | 8.34     | 8.56  | 8.78  | 8.54   | 8.74   | 8.44  | 8.44  | 8.44   |
|                             |              |             | 3 840.00           | 8.74     | 8.72  | 8.86  | 8.78   | 8.82   | 8.50  | 8.62  | 8.94   |
|                             |              |             | 3 964.98           | 8.56     | 8.48  | 8.60  | 8.68   | 8.56   | 8.36  | 8.28  | 8.76   |
|                             |              | 40          | 3 720.00           | 8.38     | 8.56  | 8.36  | 8.48   | 8.40   | 8.42  | 8.42  | 8.32   |
|                             |              |             | 3 840.00           | 8.60     | 8.76  | 8.64  | 8.68   | 8.62   | 8.54  | 8.48  | 8.56   |
|                             |              |             | 3 960.00           | 8.38     | 8.50  | 8.44  | 8.56   | 8.50   | 8.40  | 8.40  | 8.46   |
|                             |              | 50          | 3 725.01           | 8.44     | 8.46  | 8.42  | 8.46   | 8.50   | 8.44  | 8.54  | 8.50   |
|                             |              |             | 3 840.00           | 8.62     | 8.62  | 8.74  | 8.82   | 8.48   | 8.52  | 8.62  | 8.78   |
|                             |              |             | 3 954.99           | 8.44     | 8.46  | 8.62  | 8.72   | 8.36   | 8.42  | 8.44  | 8.58   |
|                             |              | 60          | 3 730.02           | 8.44     | 8.52  | 8.44  | 8.26   | 8.40   | 8.40  | 8.56  | 8.32   |
|                             |              |             | 3 840.00           | 8.58     | 8.76  | 8.68  | 8.70   | 8.46   | 8.44  | 8.64  | 8.64   |
|                             |              |             | 3 949.98           | 8.38     | 8.48  | 8.44  | 8.62   | 8.42   | 8.34  | 8.58  | 8.48   |
|                             |              | 70          | 3 735.00           | 8.54     | 8.44  | 8.50  | 8.40   | 8.62   | 8.56  | 8.36  | 8.38   |
|                             |              |             | 3 840.00           | 8.54     | 8.58  | 8.78  | 8.82   | 8.62   | 8.58  | 8.44  | 8.66   |
|                             |              |             | 3 945.00           | 8.52     | 8.54  | 8.72  | 8.54   | 8.48   | 8.56  | 8.40  | 8.56   |
|                             |              | 80          | 3 740.01           | 8.42     | 8.52  | 8.46  | 8.34   | 8.56   | 8.56  | 8.56  | 8.42   |
|                             |              |             | 3 840.00           | 8.60     | 8.66  | 8.62  | 8.76   | 8.64   | 8.58  | 8.52  | 8.60   |
|                             |              |             | 3 939.99           | 8.48     | 8.42  | 8.60  | 8.66   | 8.50   | 8.54  | 8.54  | 8.58   |
|                             |              | 90          | 3 745.02           | 8.46     | 8.44  | 8.40  | 8.42   | 8.42   | 8.44  | 8.44  | 8.36   |
|                             |              |             | 3 840.00           | 8.66     | 8.58  | 8.70  | 8.68   | 8.52   | 8.54  | 8.50  | 8.64   |
|                             |              |             | 3 934.98           | 8.54     | 8.48  | 8.58  | 8.62   | 8.46   | 8.60  | 8.50  | 8.58   |
|                             |              | 100         | 3 750.00           | 8.60     | 8.56  | 8.34  | 8.62   | 8.50   | 8.42  | 8.46  | 8.48   |
|                             |              |             | 3 840.00           | 8.74     | 8.74  | 8.66  | 8.84   | 8.56   | 8.52  | 8.52  | 8.70   |
|                             |              |             | 3 930.00           | 8.60     | 8.64  | 8.44  | 8.82   | 8.44   | 8.52  | 8.54  | 8.58   |

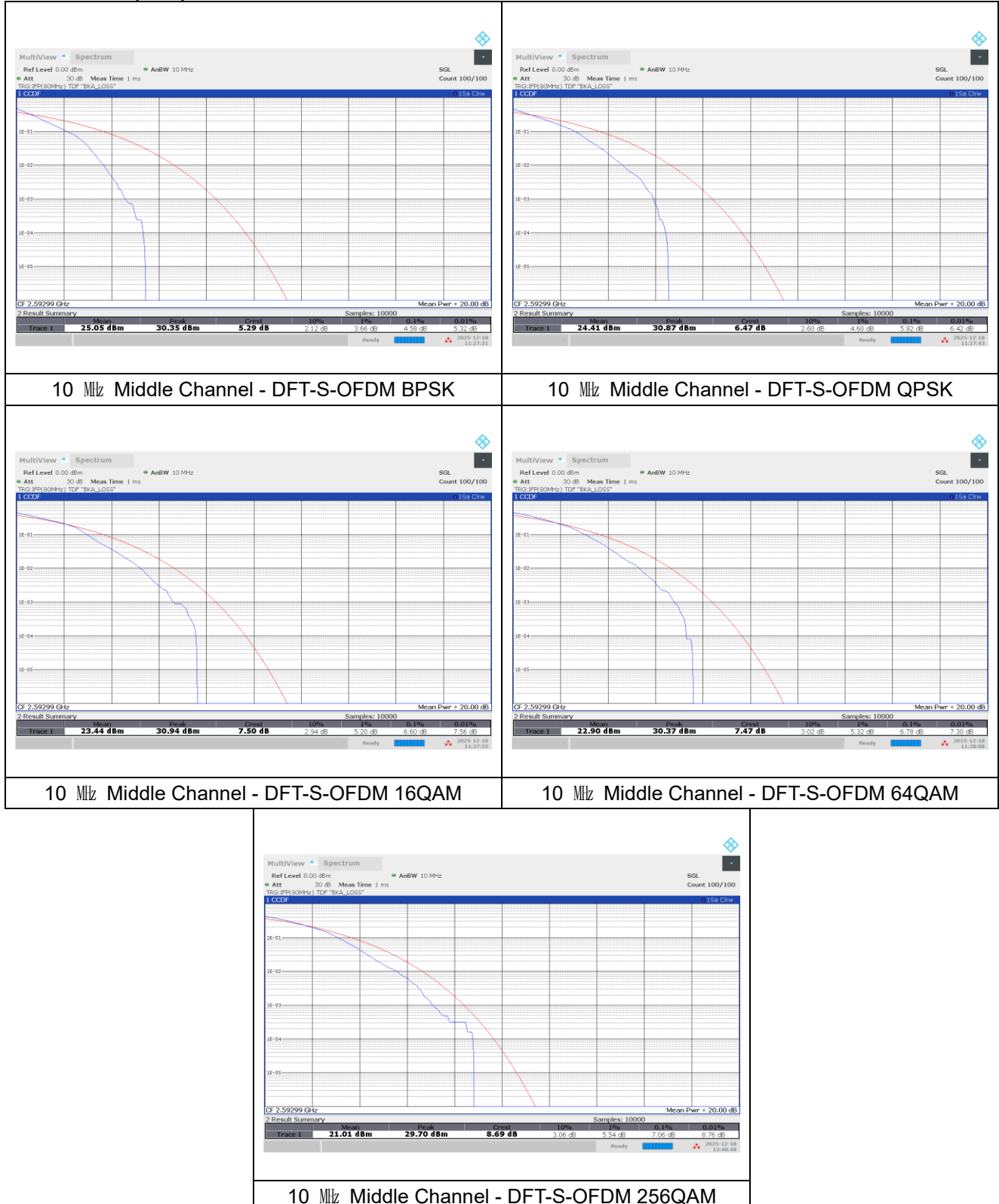
| Band                      | SCS (kHz) | BW (MHz) | Frequency (MHz) | PAR (dB) |       |       |        |        |       |       |        |
|---------------------------|-----------|----------|-----------------|----------|-------|-------|--------|--------|-------|-------|--------|
|                           |           |          |                 | Port 1   |       |       |        | Port 2 |       |       |        |
|                           |           |          |                 | QPSK     | 16QAM | 64QAM | 256QAM | QPSK   | 16QAM | 64QAM | 256QAM |
| 77/78<br>Low Band<br>(IC) | 30        | 10       | 3 455.01        | 8.52     | 8.66  | 8.14  | 8.28   | 8.60   | 8.54  | 8.58  | 8.76   |
|                           |           |          | 3 675.00        | 8.48     | 8.52  | 8.28  | 8.46   | 8.32   | 8.14  | 8.52  | 8.56   |
|                           |           |          | 3 894.99        | 8.18     | 8.66  | 8.42  | 8.64   | 8.38   | 8.46  | 8.76  | 8.74   |
|                           |           | 15       | 3 457.50        | 8.30     | 8.46  | 8.10  | 8.56   | 8.36   | 8.44  | 8.70  | 8.56   |
|                           |           |          | 3 675.00        | 8.52     | 8.12  | 8.32  | 8.38   | 8.62   | 8.48  | 8.54  | 8.50   |
|                           |           |          | 3 892.50        | 8.24     | 8.58  | 8.54  | 8.58   | 8.48   | 8.50  | 8.56  | 8.68   |
|                           |           | 20       | 3 460.02        | 8.40     | 8.38  | 8.10  | 8.64   | 8.58   | 8.74  | 8.42  | 8.70   |
|                           |           |          | 3 675.00        | 8.32     | 8.38  | 8.36  | 8.76   | 8.76   | 8.74  | 8.58  | 8.62   |
|                           |           |          | 3 889.98        | 8.36     | 8.44  | 8.32  | 8.98   | 8.66   | 8.74  | 8.58  | 9.00   |
|                           |           | 25       | 3 462.51        | 8.68     | 8.46  | 8.40  | 8.64   | 8.58   | 8.70  | 8.82  | 8.48   |
|                           |           |          | 3 675.00        | 8.76     | 8.38  | 8.64  | 8.56   | 8.64   | 8.64  | 8.88  | 8.74   |
|                           |           |          | 3 887.49        | 8.68     | 8.52  | 8.58  | 8.80   | 8.64   | 8.78  | 8.80  | 8.88   |
|                           |           | 30       | 3 465.00        | 8.64     | 8.66  | 8.72  | 8.54   | 8.88   | 8.40  | 8.48  | 8.52   |
|                           |           |          | 3 675.00        | 8.42     | 8.50  | 8.60  | 8.54   | 8.86   | 8.42  | 8.34  | 8.60   |
|                           |           |          | 3 885.00        | 8.62     | 8.58  | 8.80  | 8.70   | 8.72   | 8.38  | 8.42  | 8.84   |
|                           |           | 40       | 3 470.01        | 8.52     | 8.48  | 8.44  | 8.42   | 8.58   | 8.66  | 8.32  | 8.32   |
|                           |           |          | 3 675.00        | 8.40     | 8.56  | 8.46  | 8.38   | 8.56   | 8.48  | 8.36  | 8.46   |
|                           |           |          | 3 879.99        | 8.56     | 8.52  | 8.58  | 8.66   | 8.58   | 8.72  | 8.44  | 8.58   |
|                           |           | 50       | 3 475.02        | 8.60     | 8.58  | 8.56  | 8.52   | 8.44   | 8.54  | 8.58  | 8.44   |
|                           |           |          | 3 675.00        | 8.56     | 8.54  | 8.52  | 8.50   | 8.50   | 8.52  | 8.60  | 8.38   |
|                           |           |          | 3 874.98        | 8.50     | 8.60  | 8.62  | 8.78   | 8.46   | 8.62  | 8.62  | 8.76   |
|                           |           | 60       | 3 480.00        | 8.42     | 8.68  | 8.50  | 8.32   | 8.50   | 8.38  | 8.56  | 8.32   |
|                           |           |          | 3 675.00        | 8.36     | 8.52  | 8.34  | 8.32   | 8.62   | 8.38  | 8.66  | 8.48   |
|                           |           |          | 3 870.00        | 8.48     | 8.60  | 8.60  | 8.68   | 8.62   | 8.40  | 8.62  | 8.56   |
|                           |           | 70       | 3 485.01        | 8.54     | 8.50  | 8.56  | 8.44   | 8.50   | 8.58  | 8.58  | 8.36   |
|                           |           |          | 3 675.00        | 8.54     | 8.56  | 8.66  | 8.44   | 8.56   | 8.56  | 8.56  | 8.32   |
|                           |           |          | 3 864.99        | 8.62     | 8.58  | 8.78  | 8.72   | 8.52   | 8.70  | 8.48  | 8.56   |
|                           |           | 80       | 3 490.02        | 8.54     | 8.44  | 8.60  | 8.48   | 8.60   | 8.54  | 8.52  | 8.34   |
|                           |           |          | 3 675.00        | 8.50     | 8.50  | 8.52  | 8.44   | 8.58   | 8.58  | 8.56  | 8.40   |
|                           |           |          | 3 859.98        | 8.66     | 8.60  | 8.62  | 8.60   | 8.62   | 8.60  | 8.56  | 8.60   |
|                           |           | 90       | 3 495.00        | 8.56     | 8.54  | 8.52  | 8.48   | 8.46   | 8.56  | 8.48  | 8.34   |
|                           |           |          | 3 675.00        | 8.46     | 8.52  | 8.50  | 8.40   | 8.56   | 8.56  | 8.46  | 8.38   |
|                           |           |          | 3 855.00        | 8.64     | 8.66  | 8.62  | 8.70   | 8.54   | 8.62  | 8.56  | 8.74   |
|                           |           | 100      | 3 500.01        | 8.56     | 8.72  | 8.38  | 8.56   | 8.58   | 8.60  | 8.56  | 8.40   |
|                           |           |          | 3 675.00        | 8.60     | 8.58  | 8.38  | 8.66   | 8.60   | 8.64  | 8.50  | 8.48   |
|                           |           |          | 3 849.99        | 8.76     | 8.76  | 8.54  | 8.78   | 8.48   | 8.56  | 8.58  | 8.62   |

| Band                    | SCS<br>(kHz) | BW<br>(MHz) | Frequency<br>(MHz) | PAR (dB) |       |       |        |        |       |       |        |
|-------------------------|--------------|-------------|--------------------|----------|-------|-------|--------|--------|-------|-------|--------|
|                         |              |             |                    | Port 1   |       |       |        | Port 2 |       |       |        |
|                         |              |             |                    | QPSK     | 16QAM | 64QAM | 256QAM | QPSK   | 16QAM | 64QAM | 256QAM |
| 77<br>High Band<br>(IC) | 30           | 10          | 3 905.01           | 8.34     | 8.68  | 8.40  | 8.42   | 8.34   | 8.60  | 8.56  | 9.14   |
|                         |              |             | 3 939.99           | 8.64     | 8.52  | 8.42  | 8.32   | 8.64   | 8.40  | 8.44  | 8.60   |
|                         |              |             | 3 975.00           | 8.10     | 8.54  | 8.22  | 8.44   | 8.30   | 8.14  | 8.62  | 9.12   |
|                         |              | 15          | 3 907.50           | 8.42     | 8.72  | 8.46  | 8.70   | 8.64   | 8.66  | 8.74  | 8.70   |
|                         |              |             | 3 939.99           | 8.34     | 8.46  | 8.38  | 8.48   | 8.52   | 8.54  | 8.62  | 8.68   |
|                         |              |             | 3 972.48           | 8.24     | 8.12  | 8.28  | 8.70   | 8.50   | 8.48  | 8.58  | 8.68   |
|                         |              | 20          | 3 910.02           | 8.44     | 8.54  | 8.54  | 9.18   | 8.54   | 8.70  | 8.72  | 9.00   |
|                         |              |             | 3 939.99           | 8.38     | 8.46  | 8.40  | 9.08   | 8.64   | 8.62  | 8.64  | 9.04   |
|                         |              |             | 3 969.99           | 8.44     | 8.38  | 8.32  | 8.98   | 8.50   | 8.60  | 8.58  | 9.06   |
|                         |              | 25          | 3 912.51           | 8.74     | 8.54  | 8.68  | 8.68   | 8.60   | 8.60  | 8.82  | 8.84   |
|                         |              |             | 3 939.99           | 8.56     | 8.50  | 8.60  | 8.84   | 8.50   | 8.58  | 8.72  | 8.96   |
|                         |              |             | 3 967.50           | 8.62     | 8.40  | 8.64  | 8.72   | 8.50   | 8.56  | 8.74  | 8.84   |
|                         |              | 30          | 3 915.00           | 8.48     | 8.62  | 8.74  | 8.86   | 8.84   | 8.46  | 8.64  | 8.86   |
|                         |              |             | 3 939.99           | 8.60     | 8.62  | 8.68  | 8.80   | 8.68   | 8.52  | 8.46  | 8.66   |
|                         |              |             | 3 964.98           | 8.56     | 8.48  | 8.60  | 8.68   | 8.56   | 8.36  | 8.28  | 8.76   |
|                         |              | 40          | 3 920.01           | 8.50     | 8.52  | 8.58  | 8.60   | 8.44   | 8.52  | 8.56  | 8.46   |
|                         |              |             | 3 939.99           | 8.42     | 8.62  | 8.32  | 8.70   | 8.60   | 8.56  | 8.50  | 8.64   |
|                         |              |             | 3 960.00           | 8.38     | 8.50  | 8.44  | 8.56   | 8.50   | 8.40  | 8.40  | 8.46   |
|                         |              | 50          | 3 925.02           | 8.46     | 8.56  | 8.56  | 8.72   | 8.42   | 8.48  | 8.52  | 8.74   |
|                         |              |             | 3 939.99           | 8.48     | 8.48  | 8.52  | 8.70   | 8.38   | 8.38  | 8.50  | 8.54   |
|                         |              |             | 3 954.99           | 8.44     | 8.46  | 8.62  | 8.72   | 8.36   | 8.42  | 8.44  | 8.58   |
|                         |              | 60          | 3 930.00           | 8.40     | 8.54  | 8.58  | 8.62   | 8.48   | 8.32  | 8.52  | 8.52   |
|                         |              |             | 3 939.99           | 8.38     | 8.54  | 8.46  | 8.64   | 8.44   | 8.42  | 8.50  | 8.52   |
|                         |              |             | 3 949.98           | 8.38     | 8.48  | 8.44  | 8.62   | 8.42   | 8.34  | 8.58  | 8.48   |
|                         |              | 70          | 3 935.01           | 8.42     | 8.44  | 8.64  | 8.72   | 8.50   | 8.48  | 8.46  | 8.74   |
|                         |              |             | 3 939.99           | 8.48     | 8.48  | 8.66  | 8.62   | 8.56   | 8.56  | 8.38  | 8.64   |
|                         |              |             | 3 945.00           | 8.52     | 8.54  | 8.72  | 8.62   | 8.48   | 8.56  | 8.40  | 8.56   |
|                         |              | 80          | 3 939.99           | 8.48     | 8.42  | 8.60  | 8.66   | 8.50   | 8.54  | 8.54  | 8.58   |

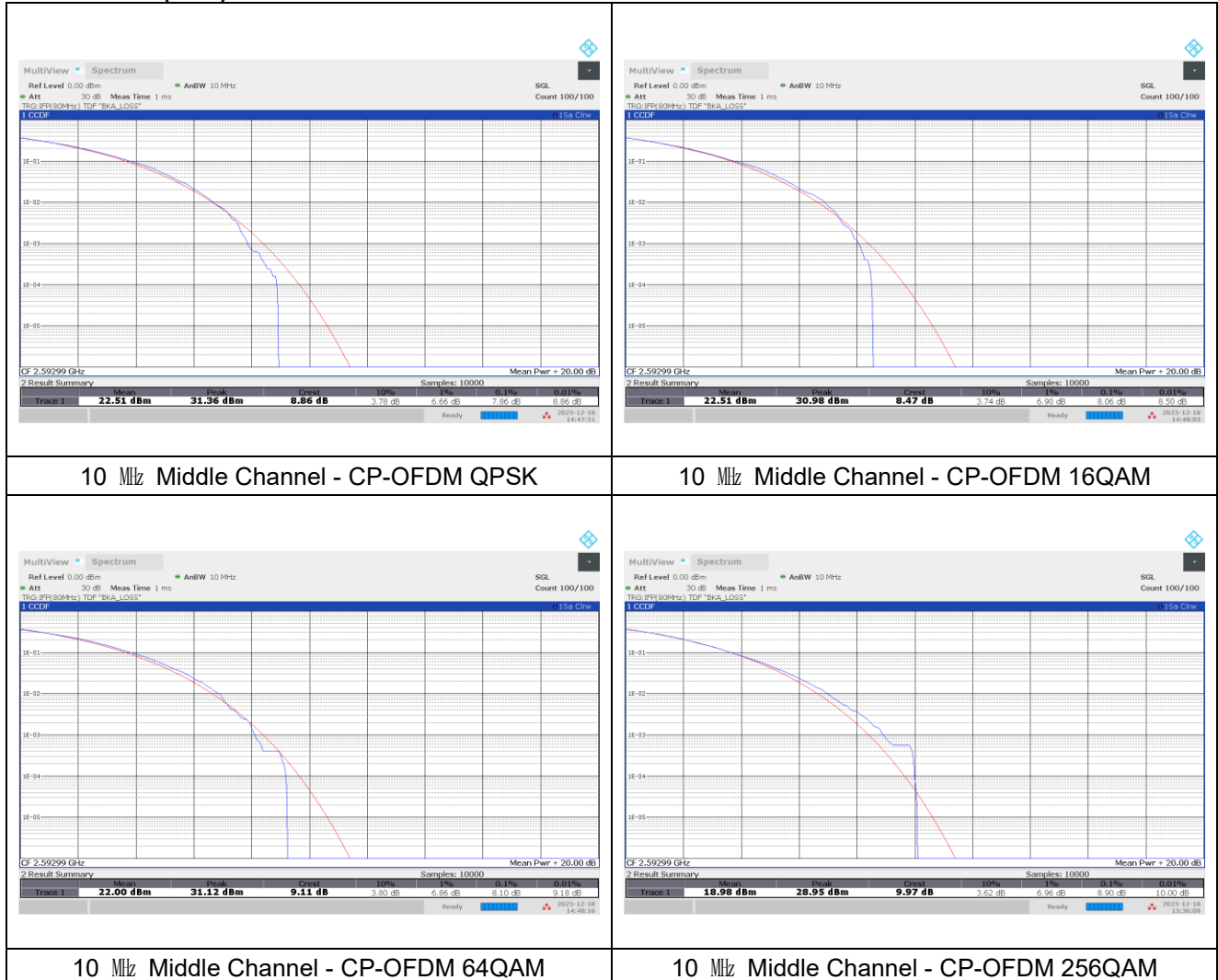
## - Test plots

### SISO

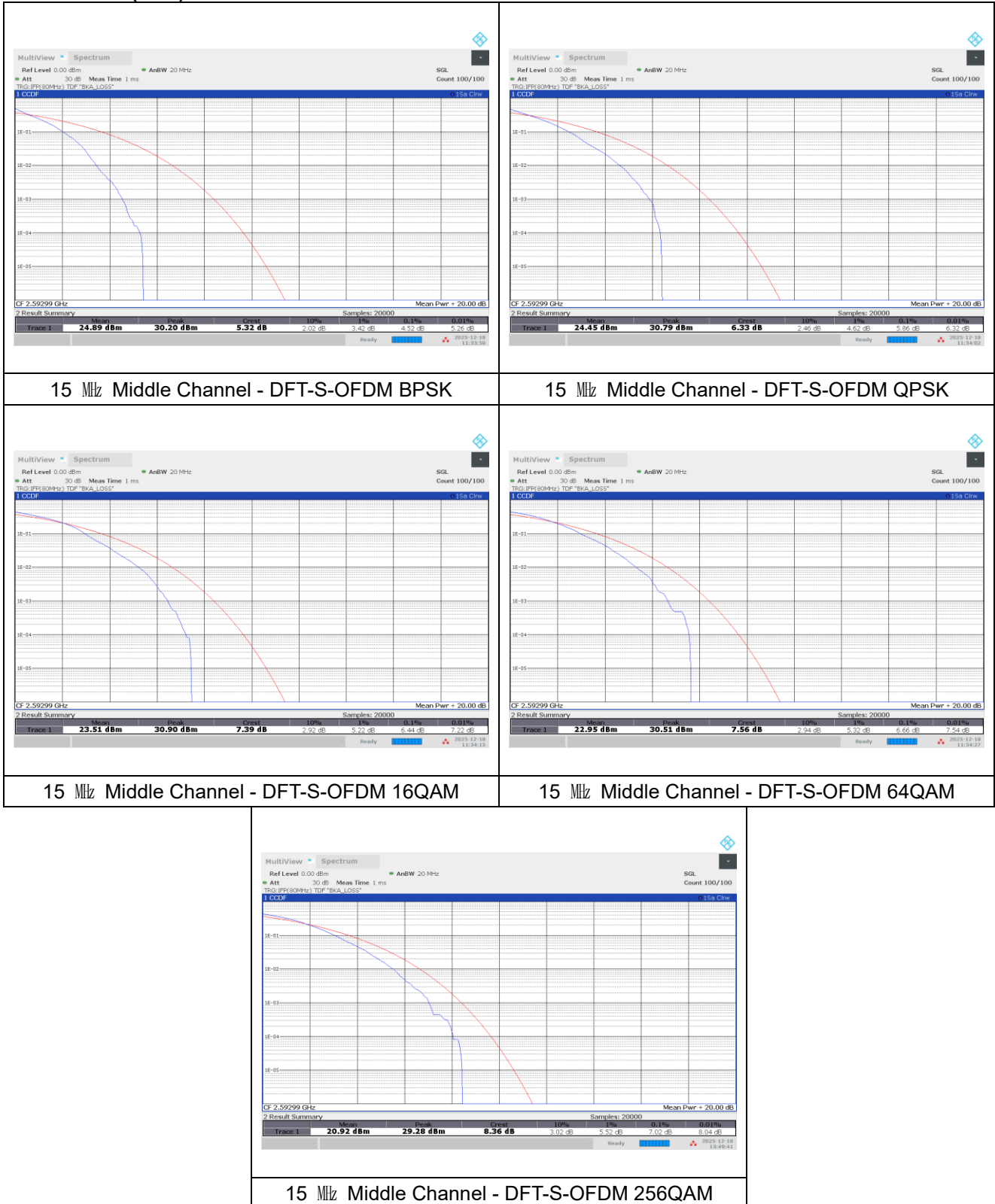
#### NR band 41 (FCC)



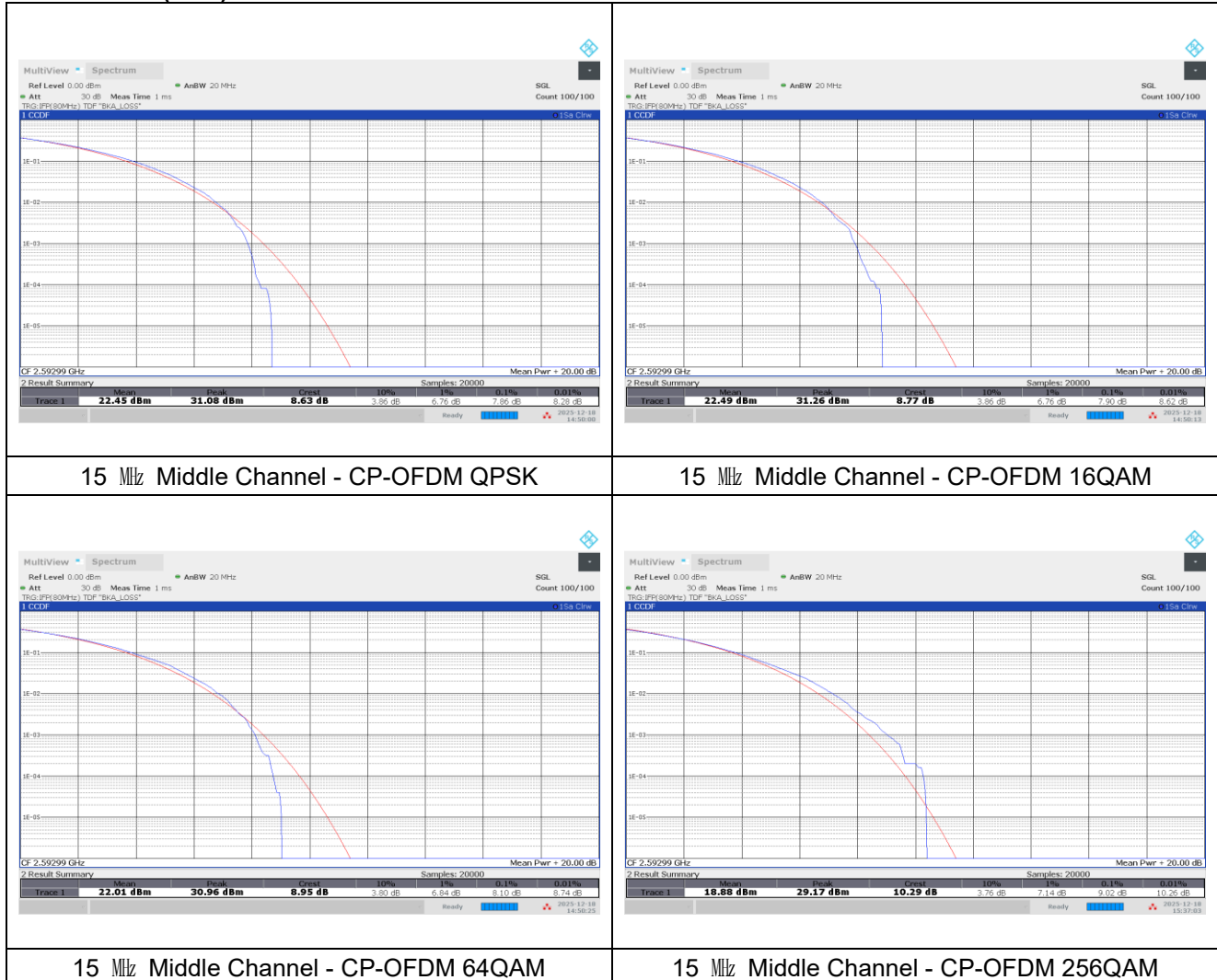
## NR band 41 (FCC)



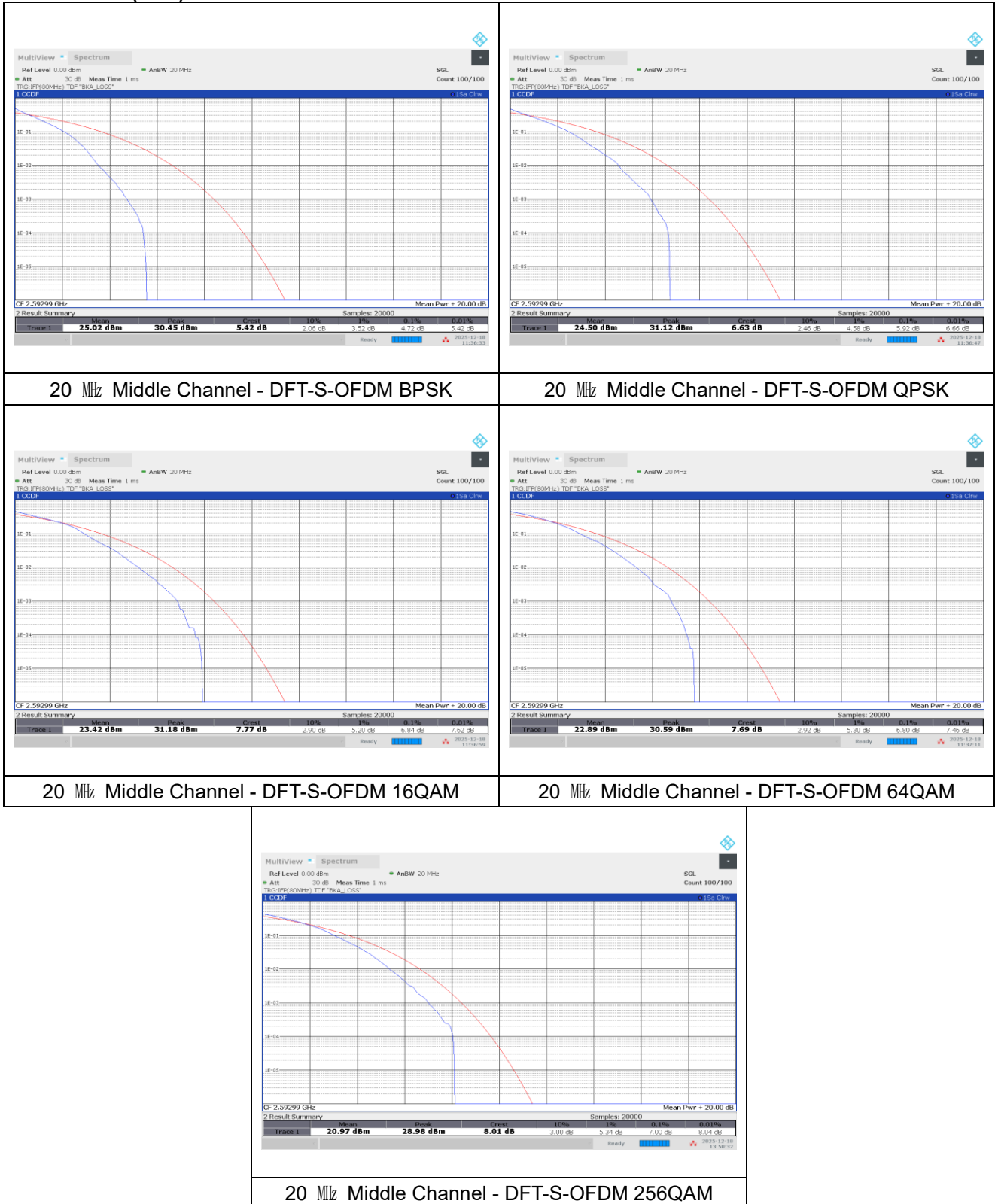
## NR band 41 (FCC)



## NR band 41 (FCC)



## NR band 41 (FCC)



## NR band 41 (FCC)

