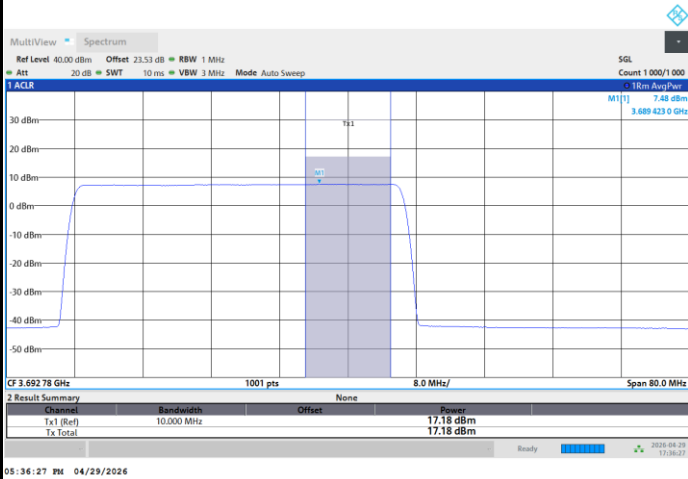


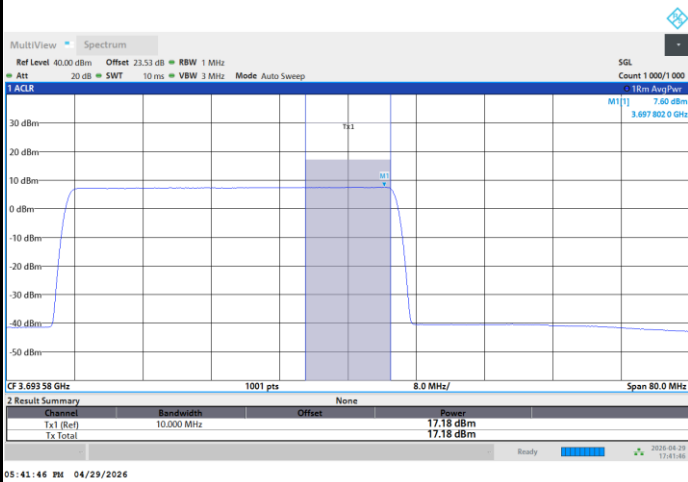


FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

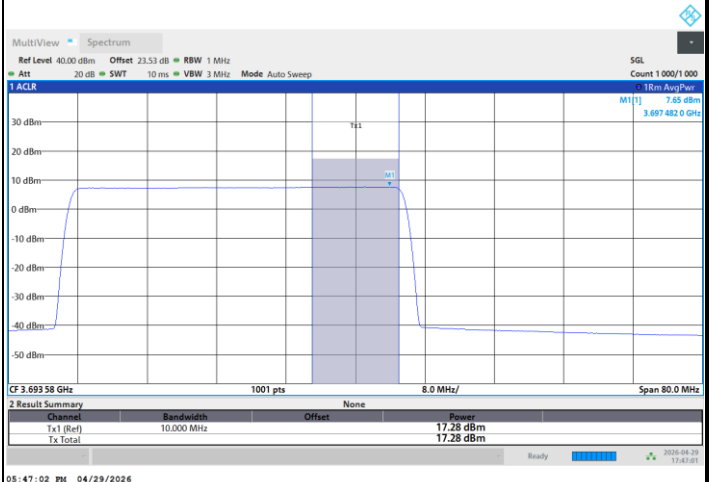
QPSK



64QAM



256QAM



## Power Spectral Density

| Mode      | FR1 n48 : Conducted PSD (dBm/MHz)<br><SISO> Lowest Channel |        |       |        |       |        |       |        |
|-----------|------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                                                      |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                                                       | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Lowest CH | 14.78                                                      | -      | 11.66 | -      | 9.83  | -      | 7.72  | -      |
| Mod.      | 64QAM                                                      | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Lowest CH | 15.00                                                      | 14.89  | 11.61 | 11.66  | 9.92  | 9.98   | 7.78  | 7.72   |

| Mode      | FR1 n48 : EIRP PSD (dBm/MHz)<br><MIMO 4TX> Lowest Channel |        |       |        |       |        |       |        |
|-----------|-----------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                                                     |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                                                      | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Lowest CH | 33.27                                                     | -      | 30.15 | -      | 28.32 | -      | 26.21 | -      |
| Mod.      | 64QAM                                                     | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Lowest CH | 33.49                                                     | 33.38  | 30.10 | 30.15  | 28.41 | 28.47  | 26.27 | 26.21  |
| Limit     | 37dBm/MHz                                                 |        |       |        |       |        |       |        |
| Result    | PASS                                                      |        |       |        |       |        |       |        |

### Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



| Mode      | FR1 n48 : Conducted PSD (dBm/MHz)<br><SISO> Middle Channel |        |       |        |       |        |       |        |
|-----------|------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                                                      |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                                                       | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Middle CH | 14.86                                                      | -      | 11.90 | -      | 9.97  | -      | 7.86  | -      |
| Mod.      | 64QAM                                                      | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 15.01                                                      | 14.97  | 11.87 | 11.90  | 10.06 | 10.16  | 7.90  | 7.86   |

| Mode      | FR1 n48 : EIRP PSD (dBm/MHz)<br><MIMO 4TX> Middle Channel |        |       |        |       |        |       |        |
|-----------|-----------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                                                     |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                                                      | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Middle CH | 33.35                                                     | -      | 30.39 | -      | 28.46 | -      | 26.35 | -      |
| Mod.      | 64QAM                                                     | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 33.50                                                     | 33.46  | 30.36 | 30.39  | 28.55 | 28.65  | 26.39 | 26.35  |
| Limit     | 37dBm/MHz                                                 |        |       |        |       |        |       |        |
| Result    | PASS                                                      |        |       |        |       |        |       |        |

**Note**

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



| Mode       | FR1 n48 : Conducted PSD (dBm/MHz)<br><SISO> Highest Channel |        |       |        |       |        |       |        |
|------------|-------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW         | 10MHz                                                       |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.       | QPSK                                                        | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Highest CH | 14.13                                                       | -      | 11.53 | -      | 9.90  | -      | 7.58  | -      |
| Mod.       | 64QAM                                                       | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Highest CH | 14.50                                                       | 13.98  | 11.54 | 11.68  | 8.83  | 9.93   | 7.60  | 7.72   |

| Mode       | FR1 n48 : EIRP PSD (dBm/MHz)<br><MIMO 4TX> Highest Channel |        |       |        |       |        |       |        |
|------------|------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW         | 10MHz                                                      |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.       | QPSK                                                       | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Highest CH | 32.62                                                      | -      | 30.02 | -      | 28.39 | -      | 26.07 | -      |
| Mod.       | 64QAM                                                      | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Highest CH | 32.99                                                      | 32.47  | 30.03 | 30.17  | 27.32 | 28.42  | 26.09 | 26.21  |
| Limit      | 37dBm/MHz                                                  |        |       |        |       |        |       |        |
| Result     | PASS                                                       |        |       |        |       |        |       |        |

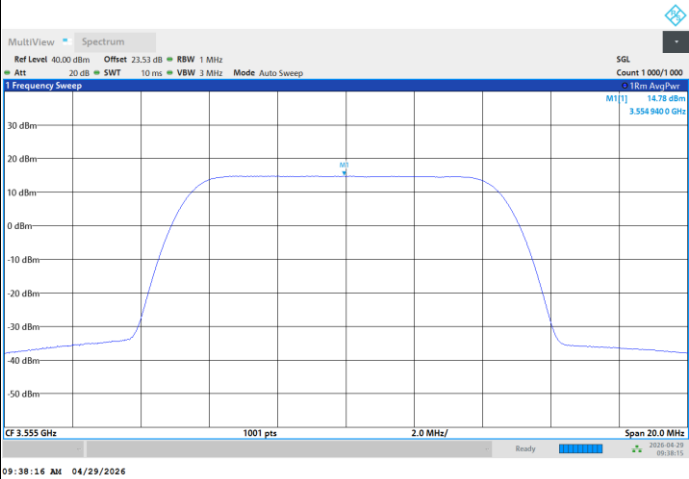
**Note**

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.

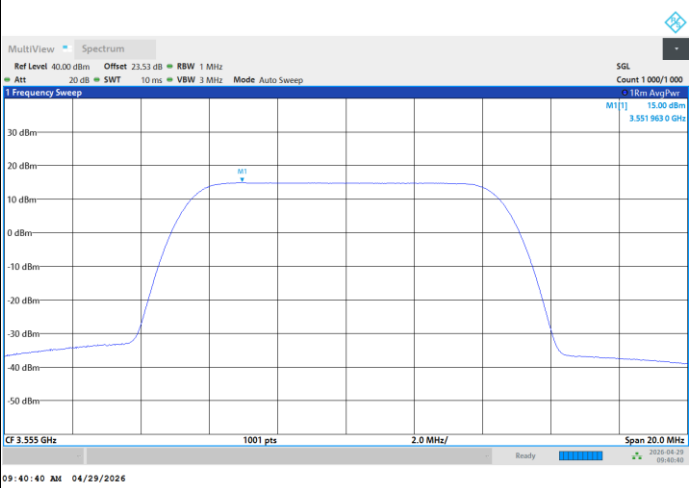


FR1 n48 / 10MHz / Lowest Channel / PSD

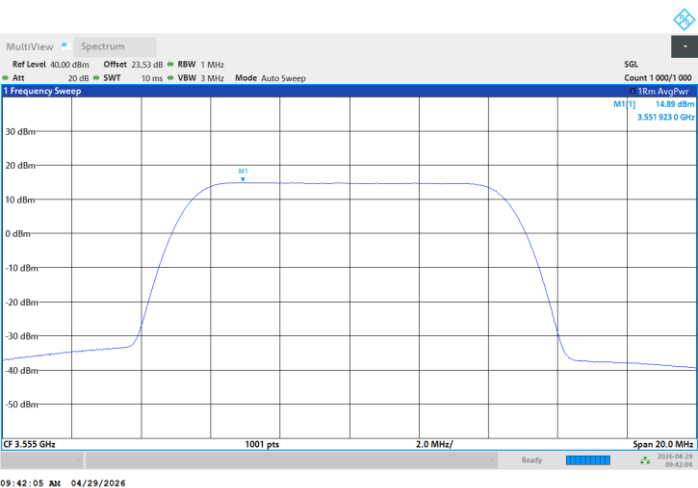
QPSK



64QAM



256QAM





MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz

Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

SGL Count 1 000/1 000

1 RBW Avg Off

M1[1] 14.48 dBm

3.621 973 0 GHz

Frequency Sweep

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

3.62499 GHz

1001 pts

2.0 MHz/

Span 20.0 MHz

Ready

2020-04-29 09:44:26

09:44:25 AM 04/29/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz  
 Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

SGL  
 Count 1 000/1 000  
 1Rm Avg/Per  
 M1[1] 15.01 dBm  
 3.622 792 0 GHz

Frequency Sweep

30 dBm  
 20 dBm  
 10 dBm  
 0 dBm  
 -10 dBm  
 -20 dBm  
 -30 dBm  
 -40 dBm  
 -50 dBm

3.62499 GHz 1001 pts 2.0 MHz/ Span 20.0 MHz

Ready 09:47:12 04/29/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz

Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

SGL Count 1 000/1 000

• 10m Avg/Pwr

M1[1] 14.97 dBm

3.621 733 0 GHz

Frequency Sweep

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

CF 3.624 99 GHz

1001 pts

2.0 MHz/

Span 20.0 MHz

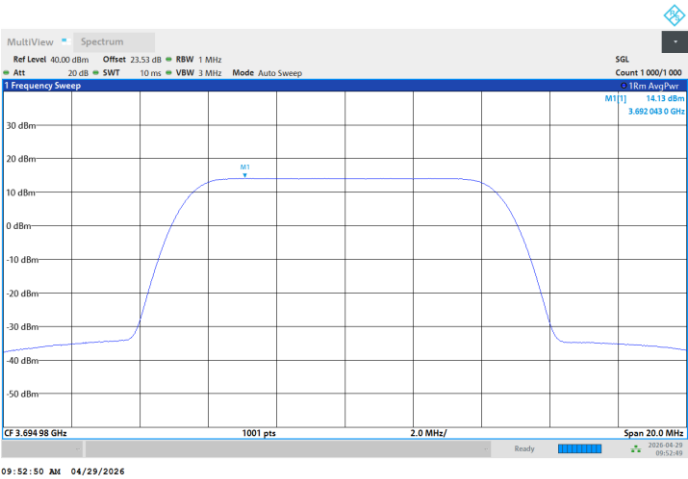
Ready

09:48:11 AM 04/29/2026

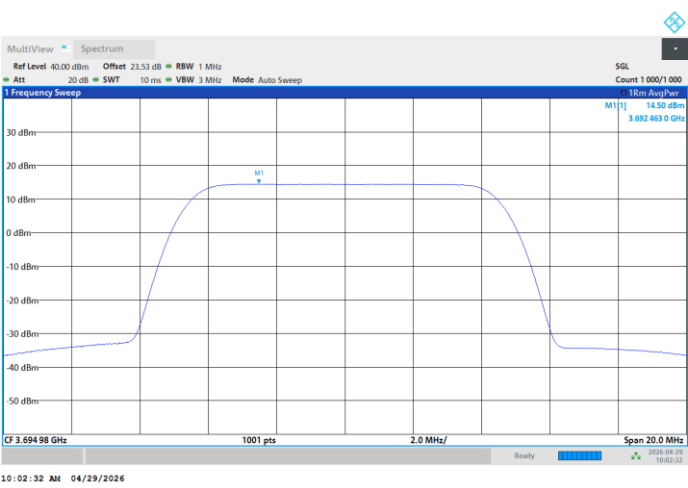


FR1 n48 / 10MHz / Highest Channel / PSD

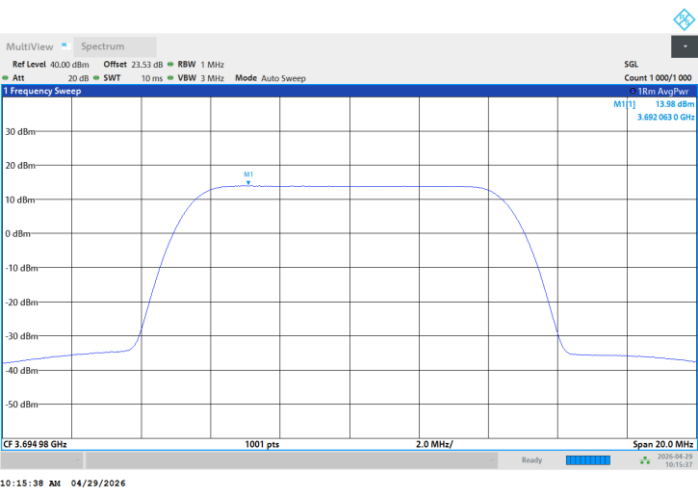
QPSK



64QAM



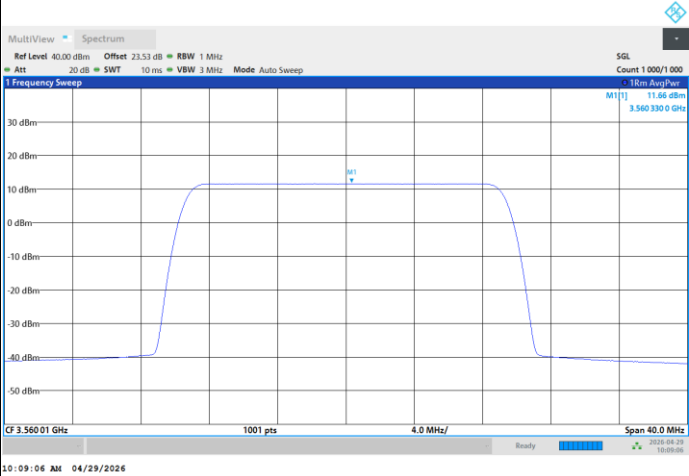
256QAM



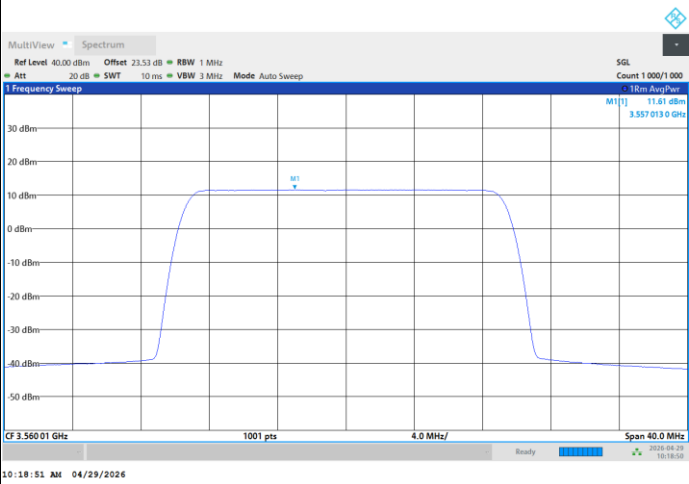


FR1 n48 / 20MHz / Lowest Channel / PSD

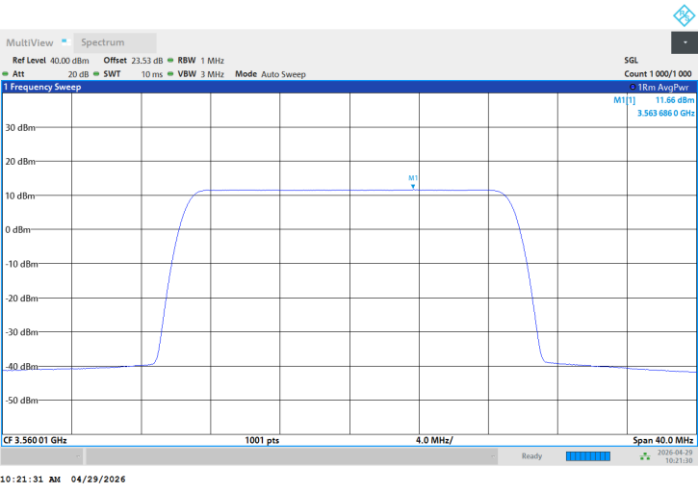
QPSK



64QAM



256QAM



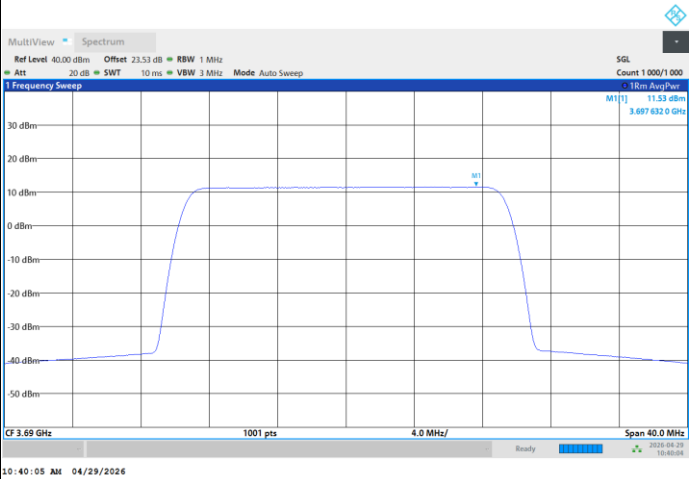


| FR1 n48 / 20MHz / Middle Channel / PSD                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QPSK                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                          |
| <p>The plot shows a frequency sweep from 3.62499 GHz to 3.6271140 GHz. The signal level is approximately 10 dBm. The plot includes a grid and various measurement parameters: Ref Level 40.00 dBm, Offset 23.53 dB, RBW 1 MHz, Att 20 dB, SWT 10 ms, VBW 3 MHz, Mode Auto Sweep, SGL, Count 1 000/1 000. The plot is titled 'Frequency Sweep' and 'M1[1] 11.90 dBm'.</p> |                                                                                                                                                                                                                                                                                                                                                                          |
| 64QAM                                                                                                                                                                                                                                                                                                                                                                    | 256QAM                                                                                                                                                                                                                                                                                                                                                                   |
| <p>The plot shows a frequency sweep from 3.62499 GHz to 3.6271880 GHz. The signal level is approximately 10 dBm. The plot includes a grid and various measurement parameters: Ref Level 40.00 dBm, Offset 23.53 dB, RBW 1 MHz, Att 20 dB, SWT 10 ms, VBW 3 MHz, Mode Auto Sweep, SGL, Count 1 000/1 000. The plot is titled 'Frequency Sweep' and 'M1[1] 11.87 dBm'.</p> | <p>The plot shows a frequency sweep from 3.62499 GHz to 3.6185560 GHz. The signal level is approximately 10 dBm. The plot includes a grid and various measurement parameters: Ref Level 40.00 dBm, Offset 23.53 dB, RBW 1 MHz, Att 20 dB, SWT 10 ms, VBW 3 MHz, Mode Auto Sweep, SGL, Count 1 000/1 000. The plot is titled 'Frequency Sweep' and 'M1[1] 11.50 dBm'.</p> |

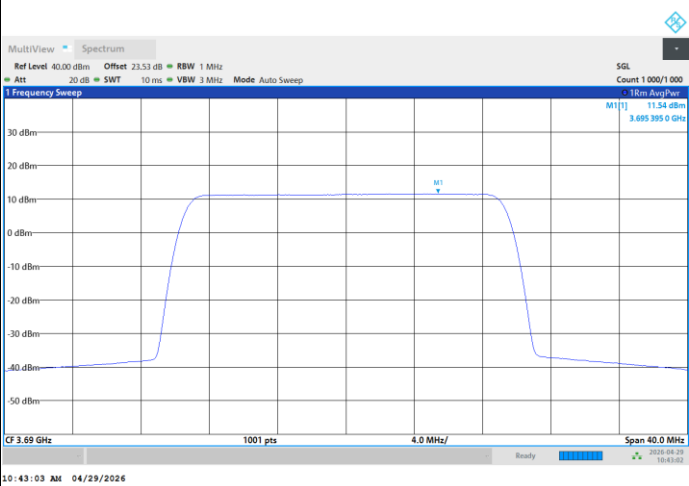


FR1 n48 / 20MHz / Highest Channel / PSD

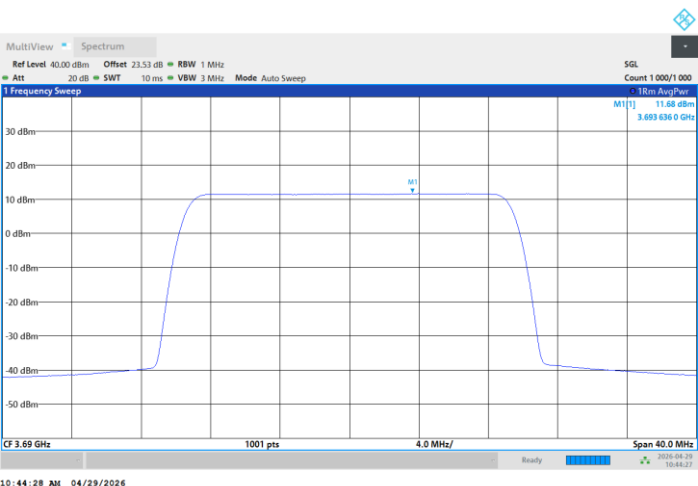
QPSK



64QAM



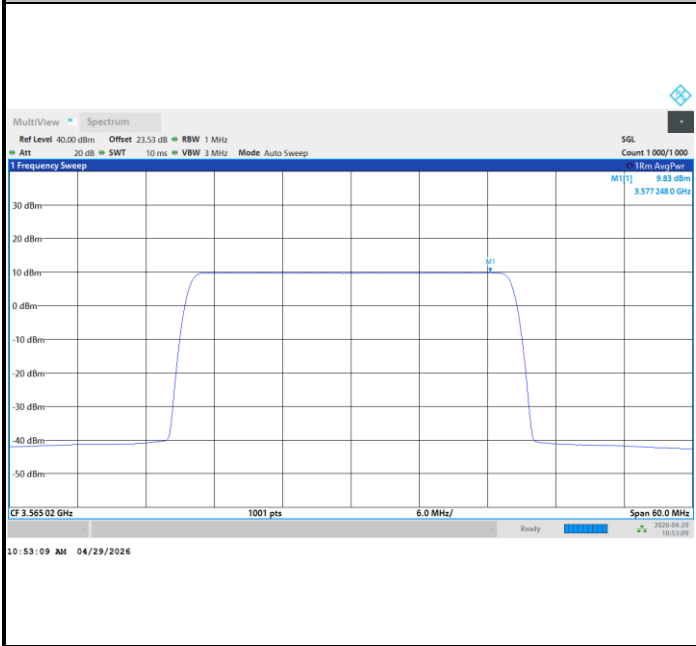
256QAM



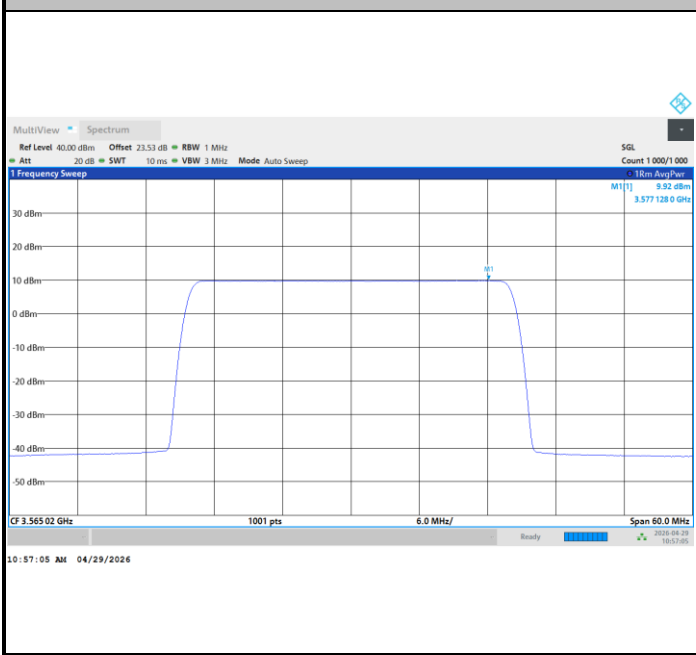


FR1 n48 / 30MHz / Lowest Channel / PSD

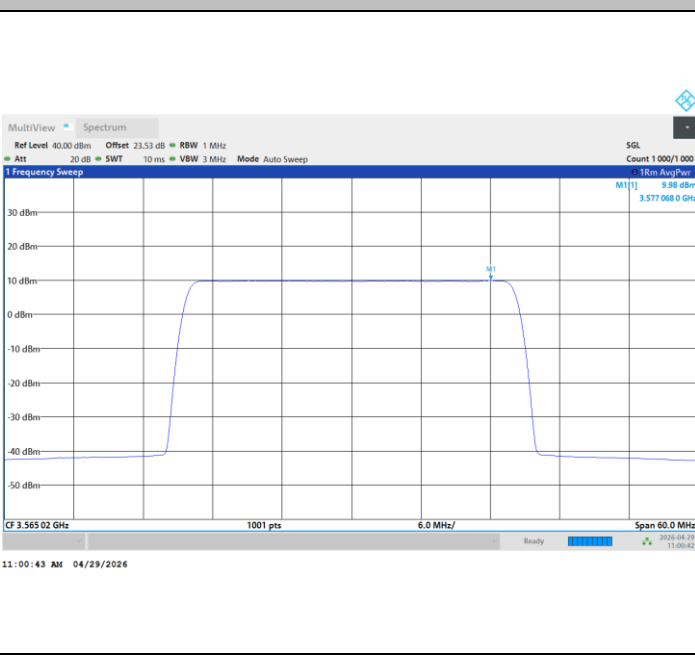
QPSK



64QAM



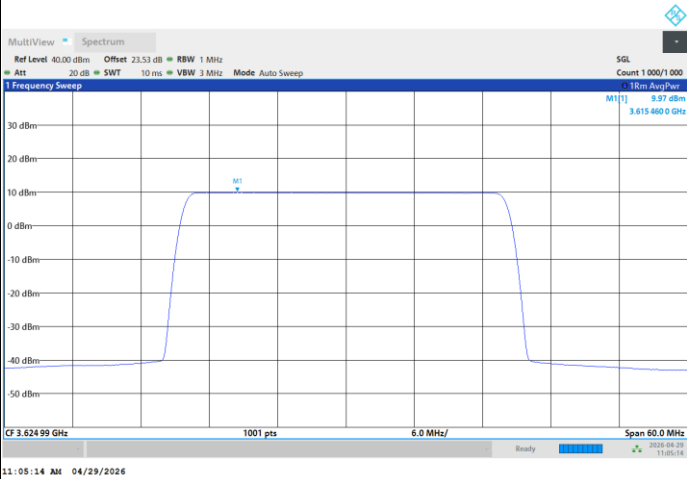
256QAM



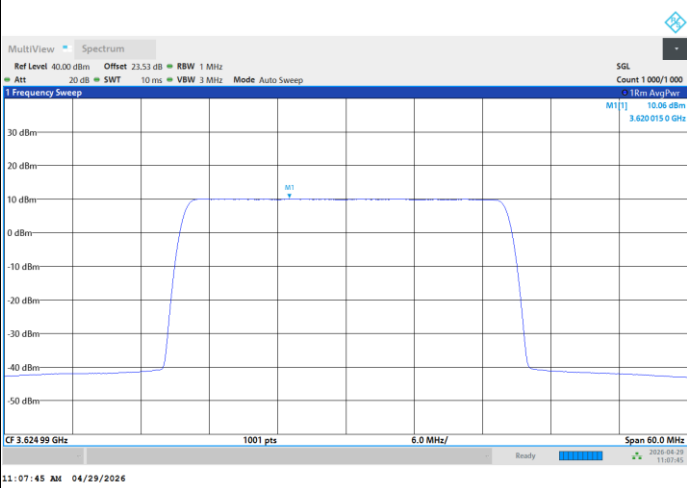


FR1 n48 / 30MHz / Middle Channel / PSD

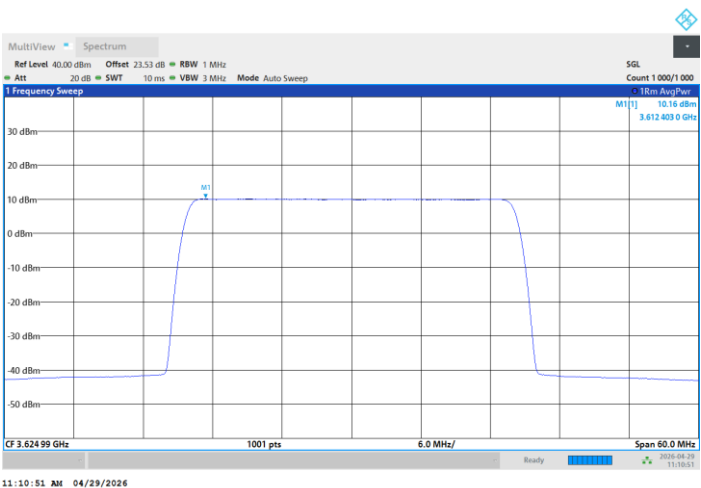
QPSK



64QAM



256QAM

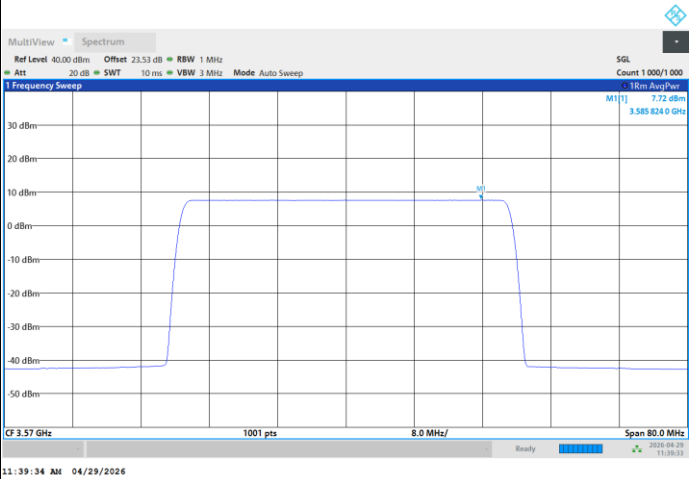




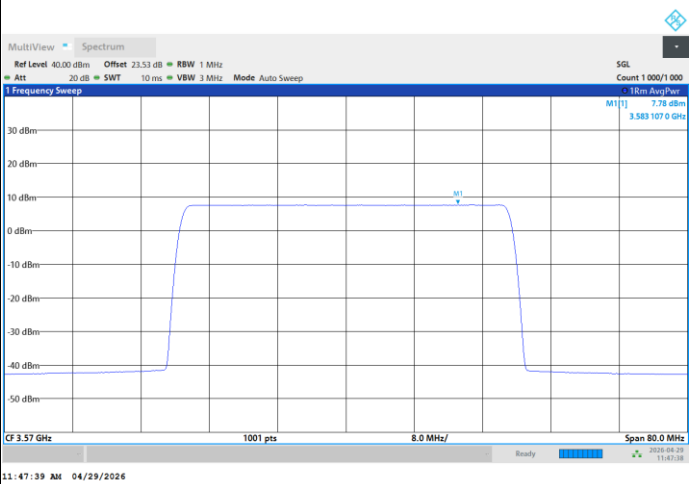


FR1 n48 / 40MHz / Lowest Channel / PSD

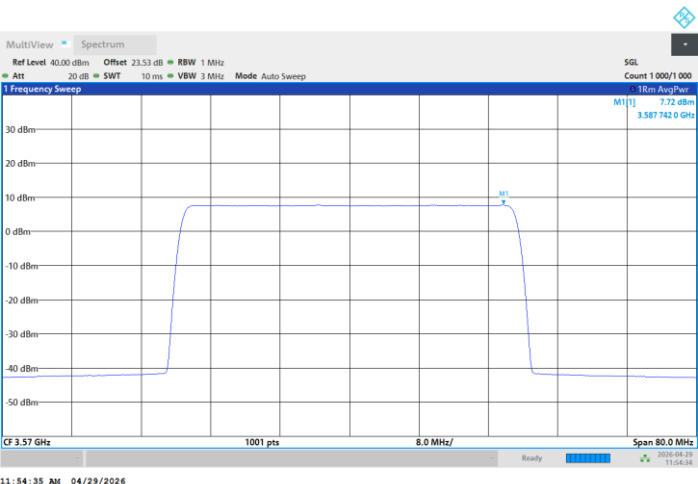
QPSK



64QAM



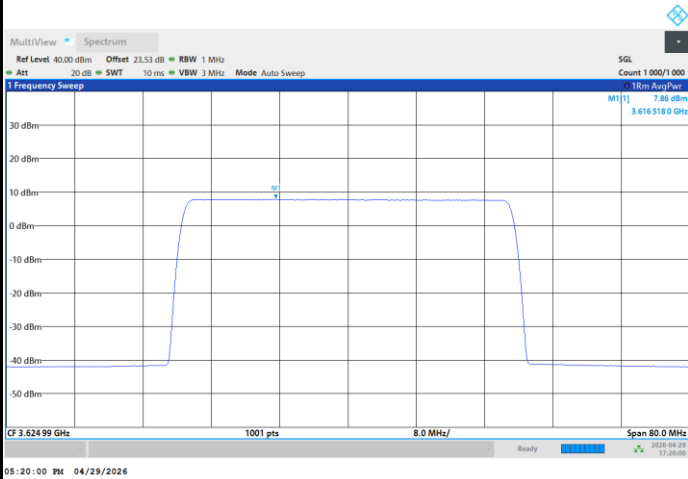
256QAM



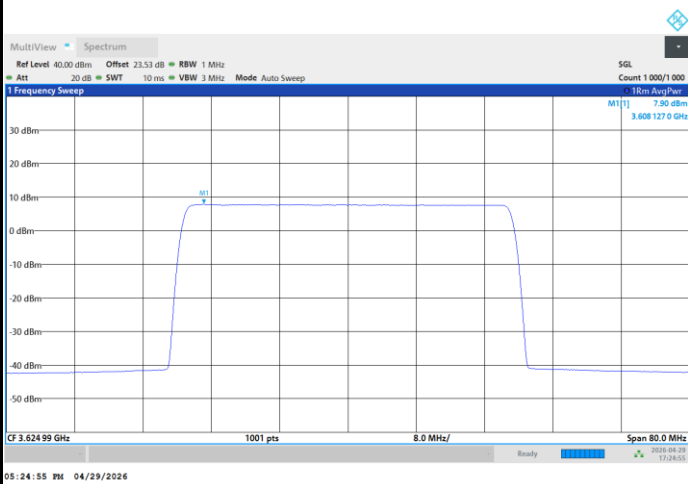


FR1 n48 / 40MHz / Middle Channel / PSD

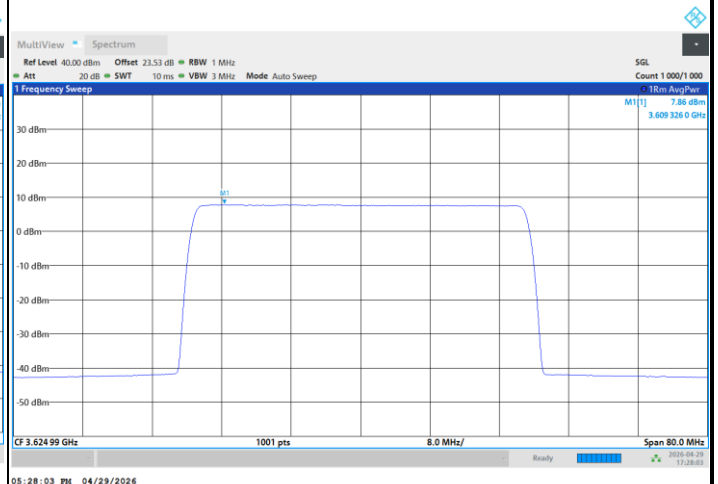
QPSK



64QAM



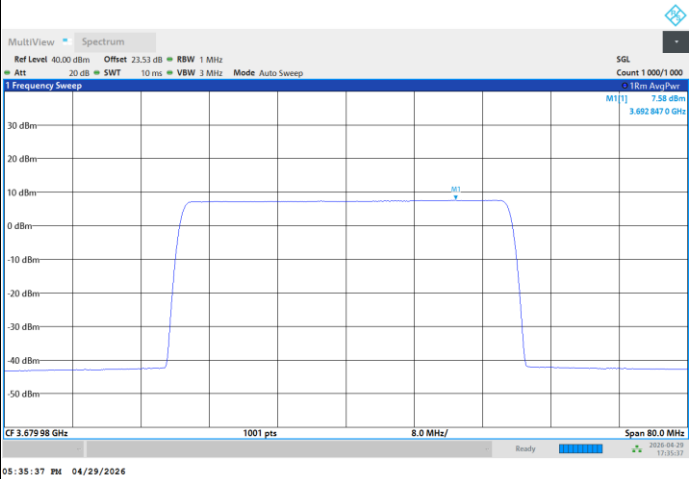
256QAM



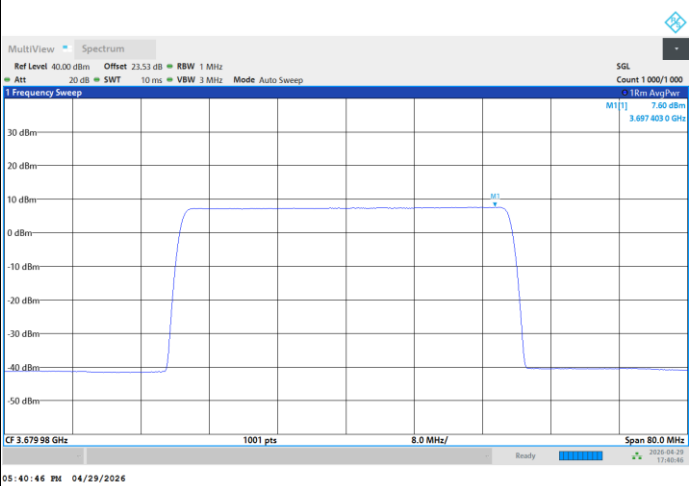


FR1 n48 / 40MHz / Highest Channel / PSD

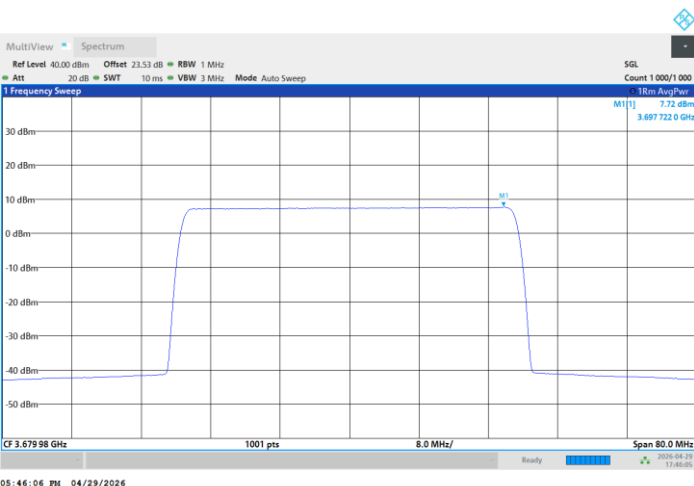
QPSK



64QAM



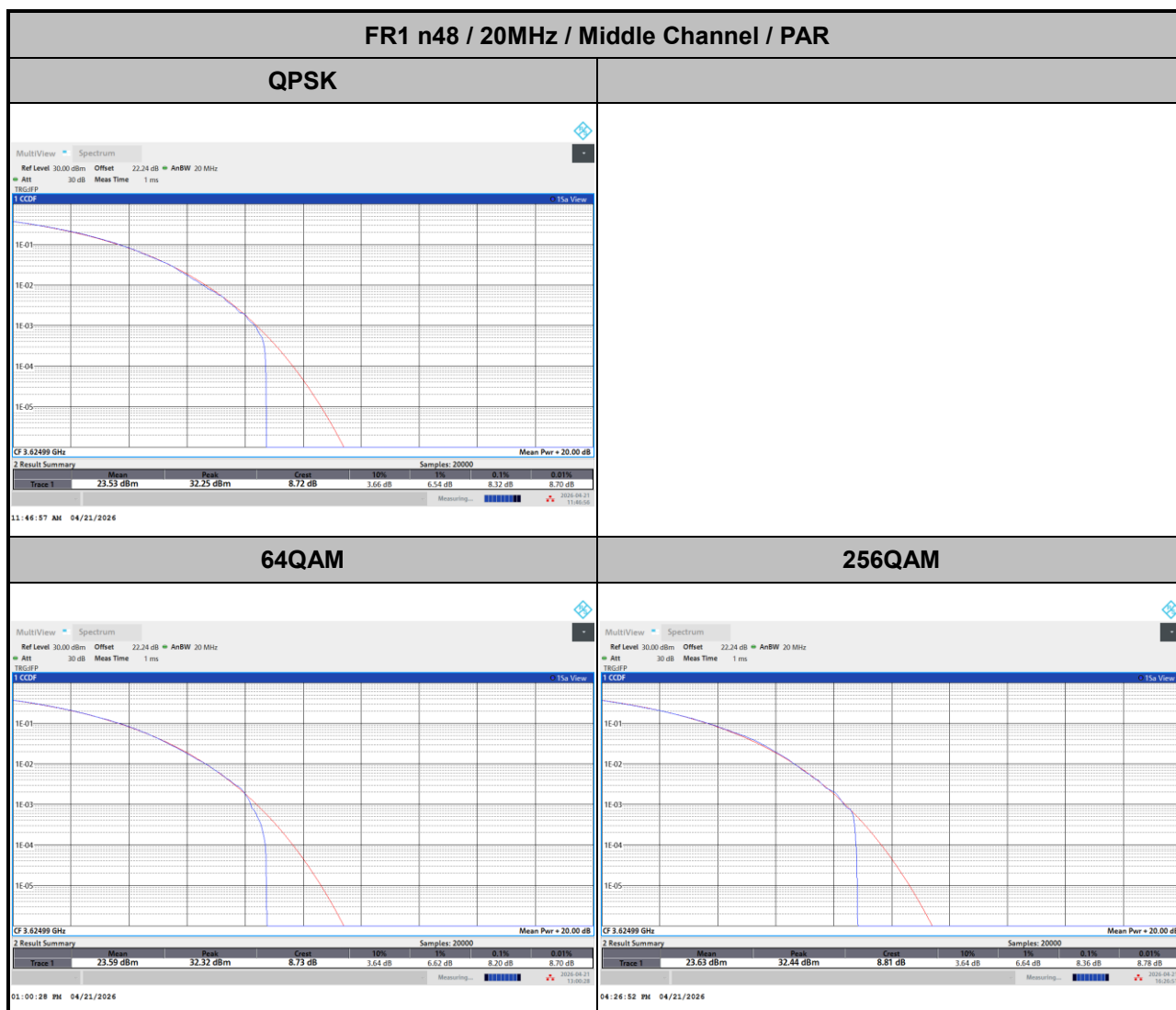
256QAM





## Peak-to-Average Ratio

| Mode      | FR1 n48 / 20MHz / PAR (dB) |   |       |        | Limit: 13dB |
|-----------|----------------------------|---|-------|--------|-------------|
| Mod.      | QPSK                       | - | 64QAM | 256QAM | Result      |
| Middle CH | 8.32                       | - | 8.20  | 8.36   | PASS        |





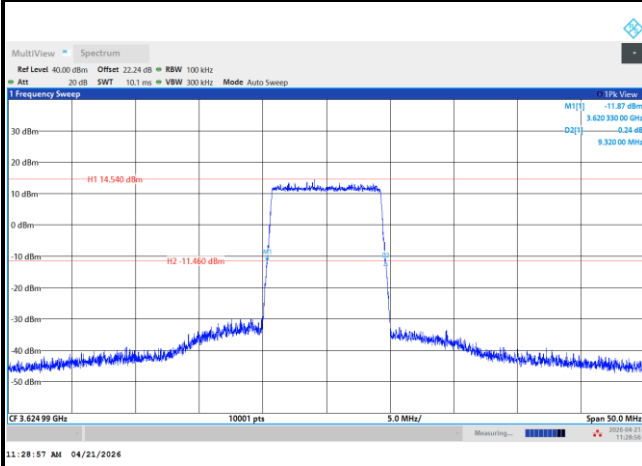
26dB Bandwidth

| Mode      | FR1 n48 : 26dB BW(MHz) |        |       |        |       |        |       |        |
|-----------|------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                  |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                   | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Middle CH | 9.32                   | -      | 19.01 | -      | 28.73 | -      | 38.89 | -      |
| Mod.      | 64QAM                  | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 9.35                   | 9.34   | 18.99 | 19.08  | 28.78 | 28.83  | 38.87 | 38.87  |

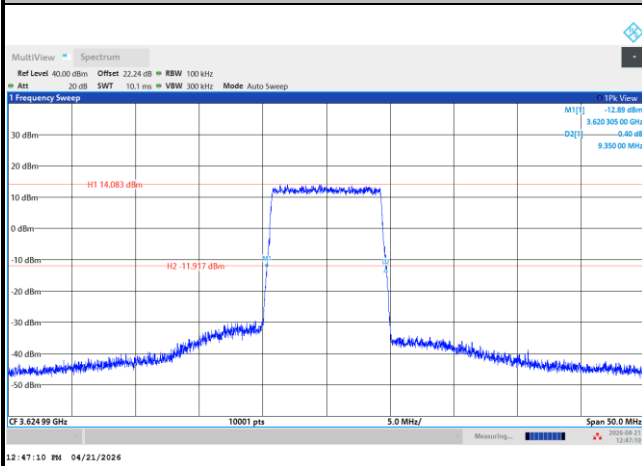


FR1 n48 / 10MHz / Middle Channel / 26dB BW

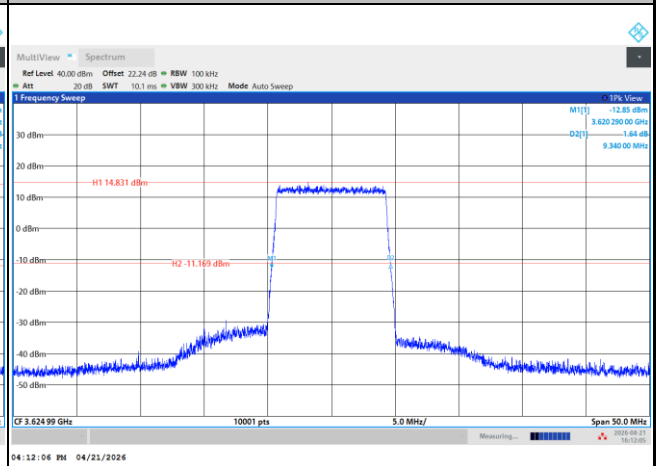
QPSK



64QAM



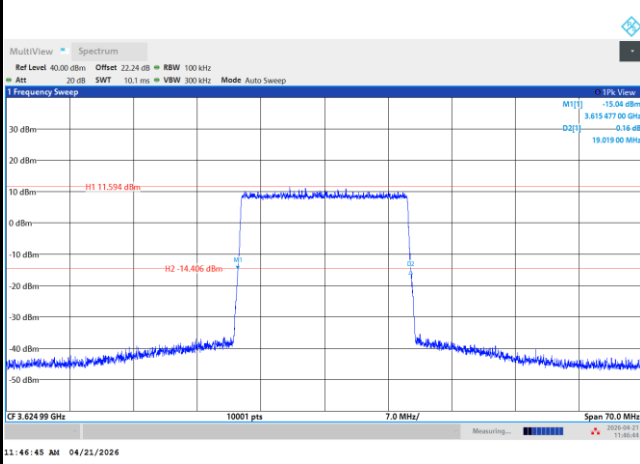
256QAM



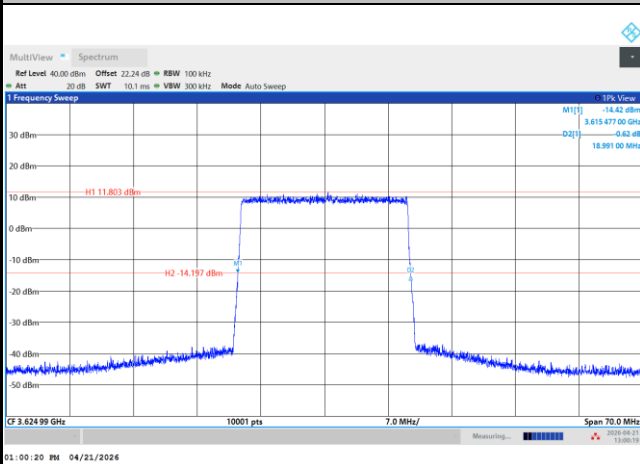


FR1 n48 / 20MHz / Middle Channel / 26dB BW

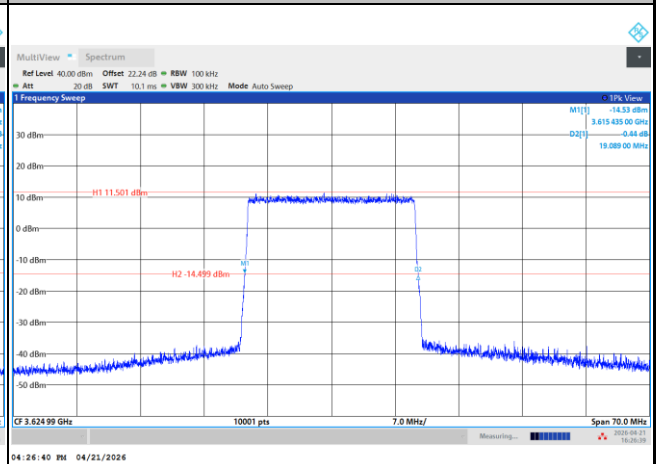
QPSK



64QAM



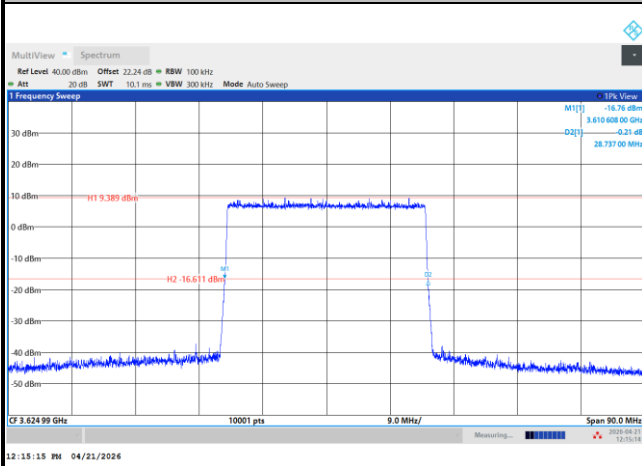
256QAM



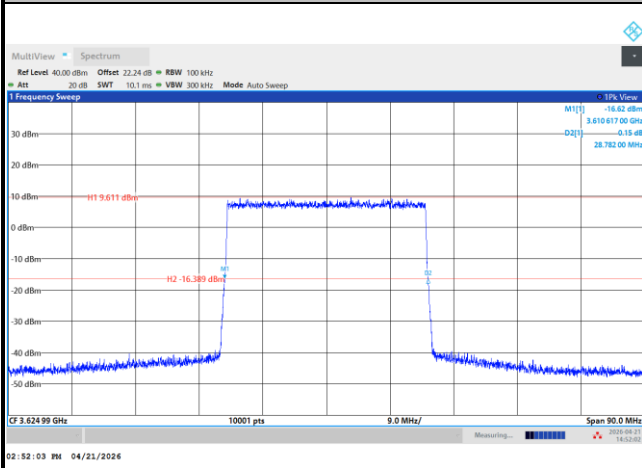


FR1 n48 / 30MHz / Middle Channel / 26dB BW

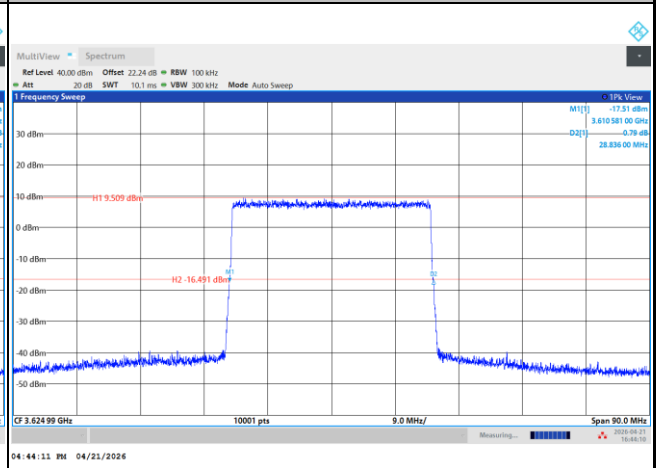
QPSK



64QAM



256QAM





MultiView Spectrum

Ref Level 40.00 dBm Offset 22.24 dB BW 100 kHz  
 Att 20 dB SWT 10.1 ms VBW 300 kHz Mode Auto Sweep

Frequency Sweep 5% View

30 dBm  
 20 dBm  
 10 dBm  
 0 dBm  
 -10 dBm  
 -20 dBm  
 -30 dBm  
 -40 dBm  
 -50 dBm

H1 8.721 dBm  
 H2 -17.279 dBm

30.899 GHz  
 1.605 563 GHz  
 -1.04 GHz

CF 3.62499 GHz 10001 pts 11.0 MHz/ Span 110.0 MHz

Measuring 12:30:46 PM 04/21/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 22.24 dB BW 100 kHz

Att 20 dB SWT 10.1 ms VBW 300 kHz Mode Auto Sweep

Frequency Sweep

10% View

M1 10 -45.16 dBm  
3.605 531 0 GHz  
-0.70 dB  
D2 10 -38.874 0 MHz

H1 8.660 dBm  
H2 -17.340 dBm

CF 3.624 99 GHz 10001 pts 11.0 MHz/ Span 110.0 MHz

Measuring

03:17:03 PM 04/21/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 22.24 dB RBW 100 kHz

Att 20 dB SWT 10.1 ms VBW 300 kHz Mode Auto Sweep

1 Frequency Sweep

0 1% View

M1[1] -17.28 dBm  
3.605 575 0 GHz  
D2[1] -1.61 dB  
38.874 0 MHz

30 dBm  
20 dBm  
10 dBm  
0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm

H1 -8.931 dBm  
H2 -17.069 dBm

CF 3.62499 GHz 10001 pts 11.0 MHz/ Span 110.0 MHz

Measuring...

04:57:37 PM 04/21/2024

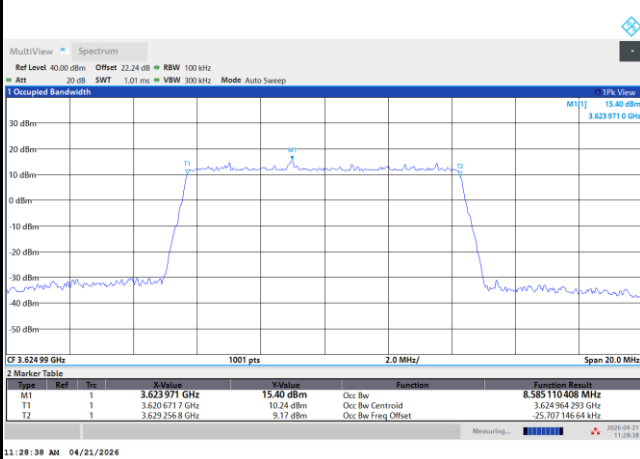
**Occupied Bandwidth**

| Mode      | FR1 n48 : 99%OBW (MHz) |        |       |        |       |        |       |        |
|-----------|------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 10MHz                  |        | 20MHz |        | 30MHz |        | 40MHz |        |
| Mod.      | QPSK                   | -      | QPSK  | -      | QPSK  | -      | QPSK  | -      |
| Middle CH | 8.58                   | -      | 18.17 | -      | 27.80 | -      | 37.78 | -      |
| Mod.      | 64QAM                  | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 8.58                   | 8.58   | 18.19 | 18.21  | 27.80 | 27.82  | 37.80 | 37.83  |

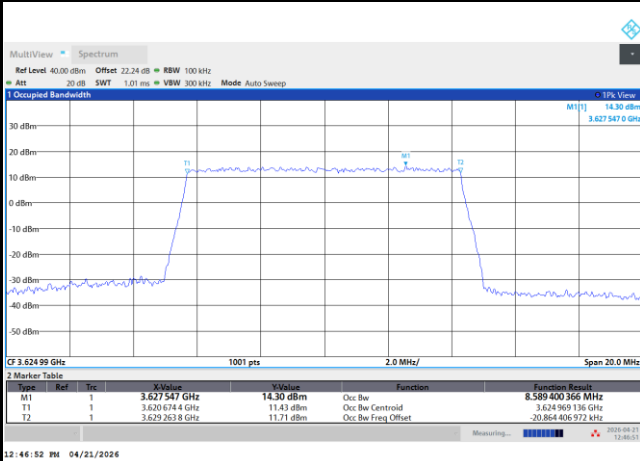


FR1 n48 / 10MHz / Middle Channel / 99%OBW

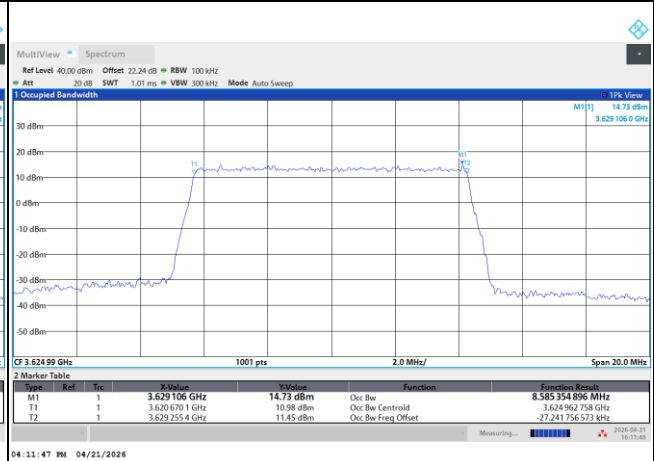
QPSK



64QAM



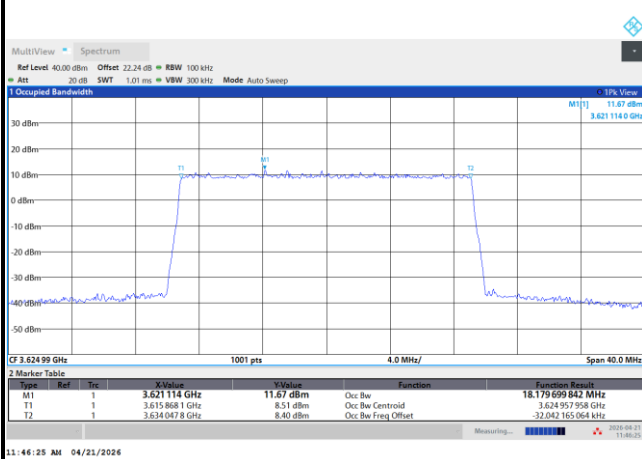
256QAM



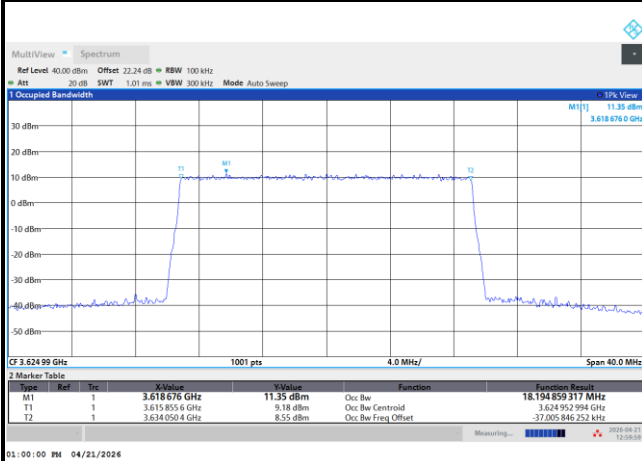


FR1 n48 / 20MHz / Middle Channel / 99%OBW

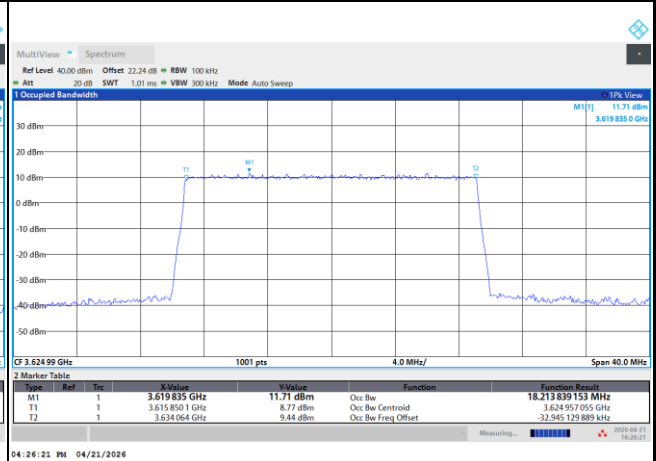
QPSK



64QAM



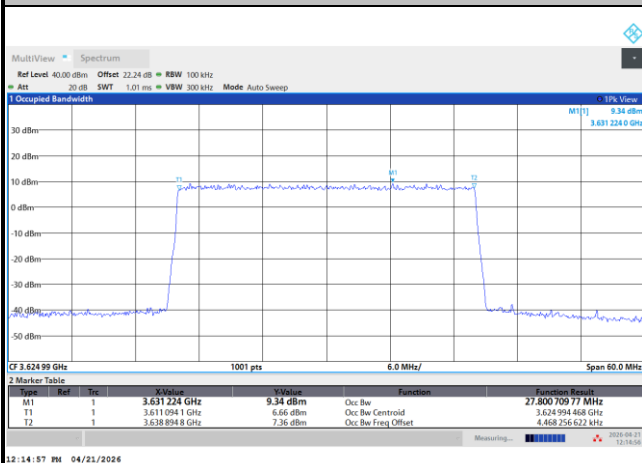
256QAM



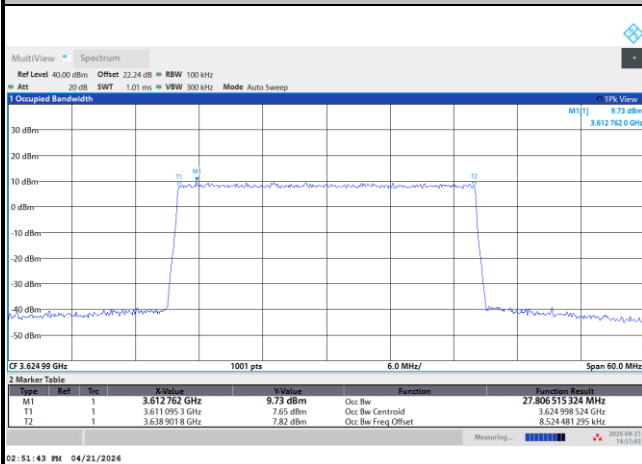


## FR1 n48 / 30MHz / Middle Channel / 99%OBW

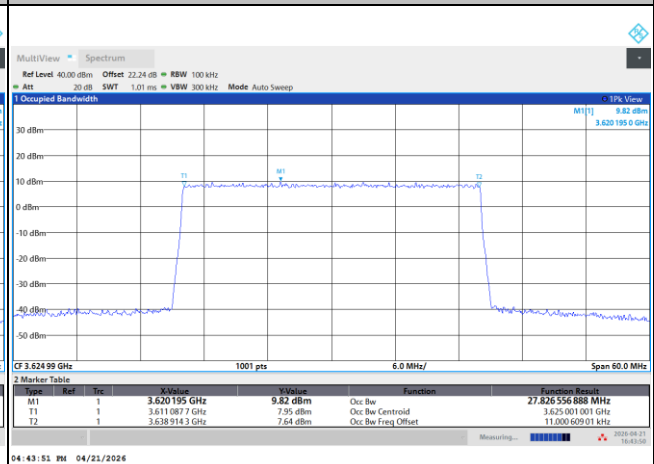
## QPSK



## 64QAM



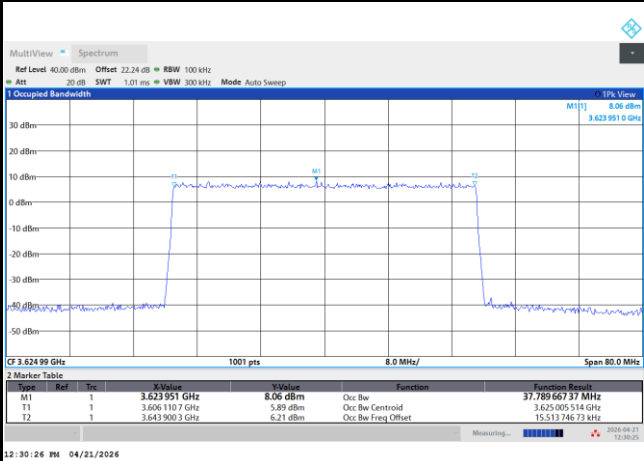
## 256QAM



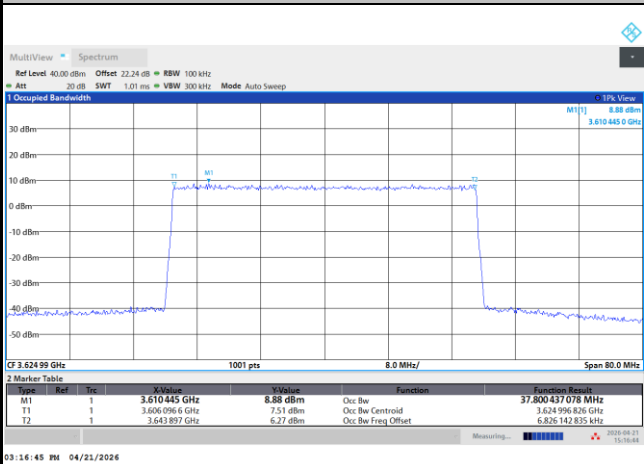


FR1 n48 / 40MHz / Middle Channel / 99%OBW

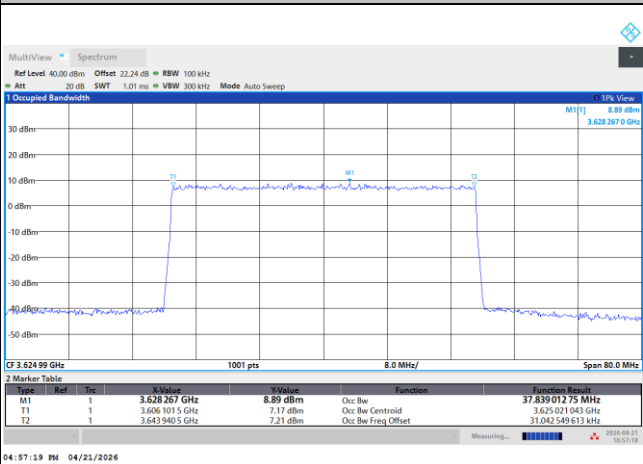
QPSK



64QAM



256QAM

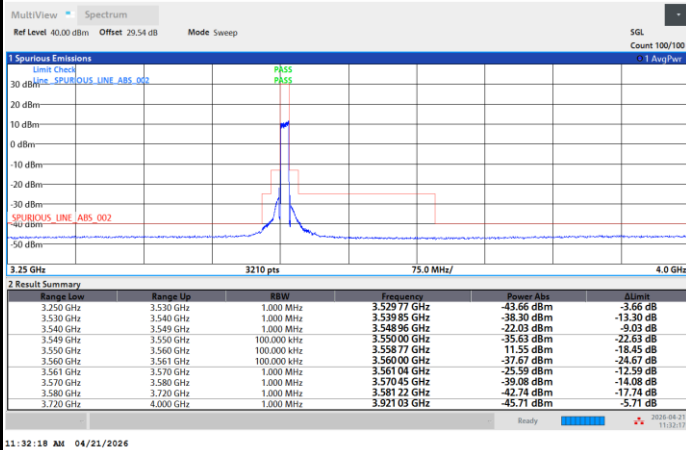




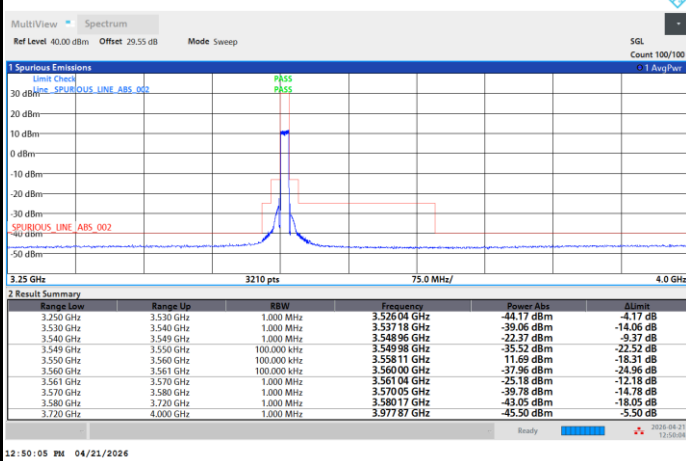
## Unwanted Emission (MASK)

## FR1 n48 / 10MHz / Lowest Channel / MASK

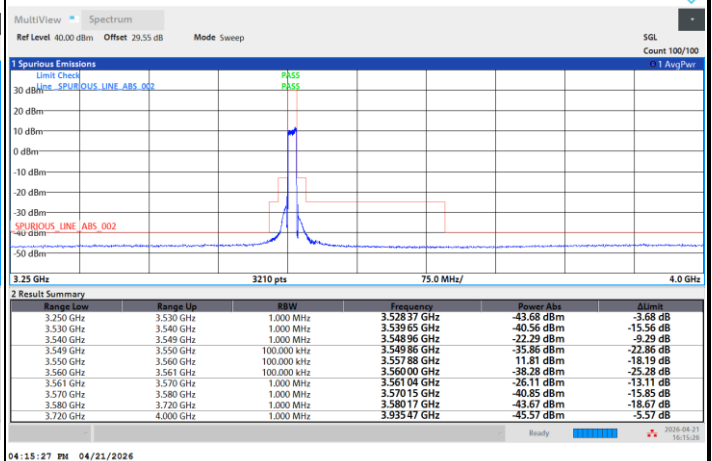
## QPSK



## 64QAM



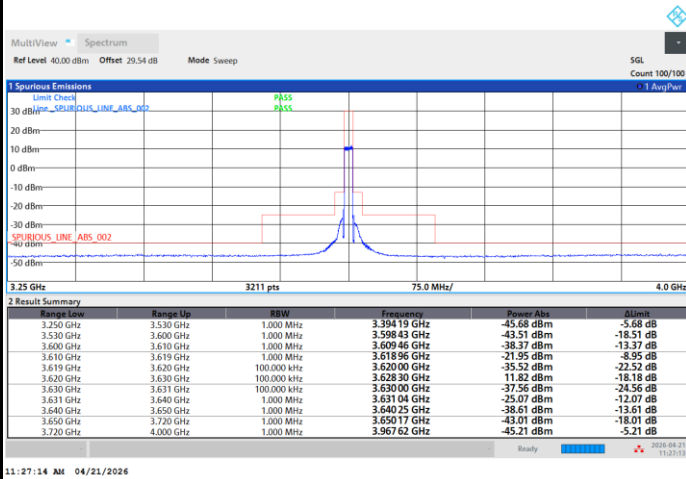
## 256QAM





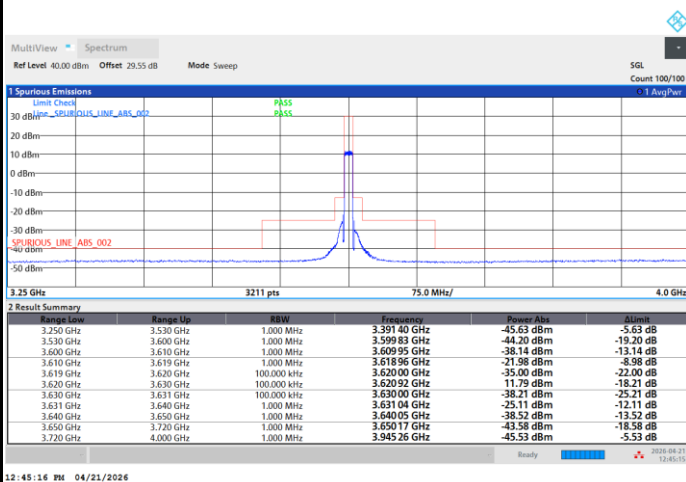
## FR1 n48 / 10MHz / Middle Channel / MASK

## QPSK



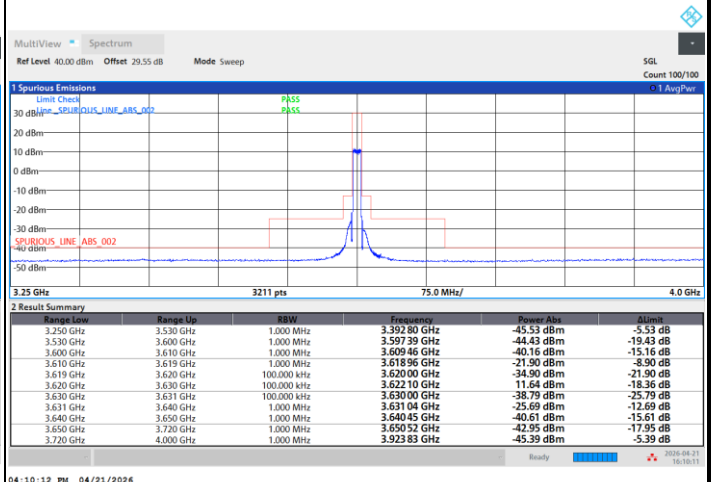
11:27:14 AM 04/21/2026

## 64QAM



12:45:16 PM 04/21/2026

## 256QAM

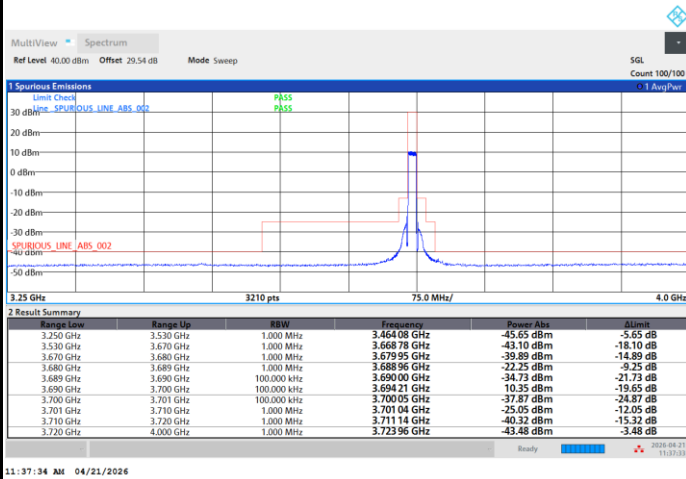


04:10:12 PM 04/21/2026

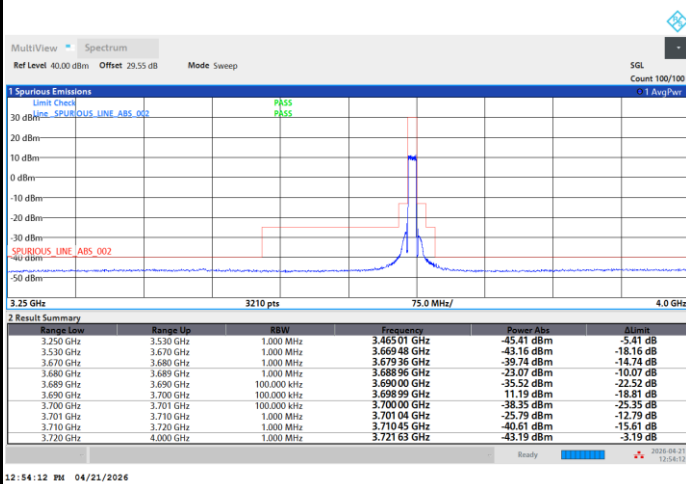


## FR1 n48 / 10MHz / Highest Channel / MASK

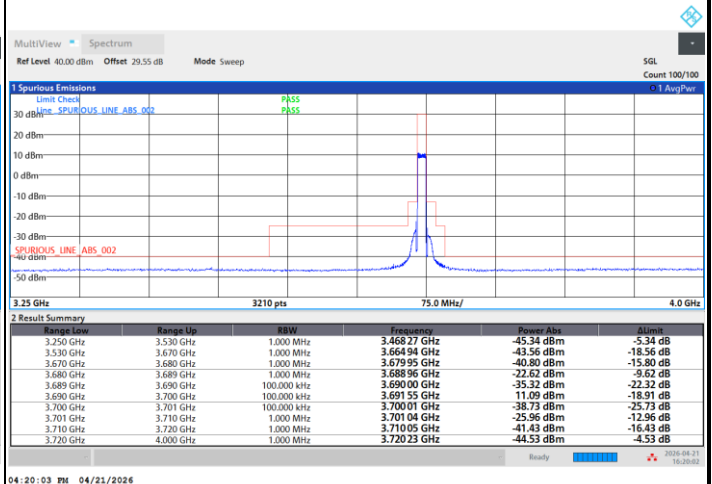
## QPSK



## 64QAM



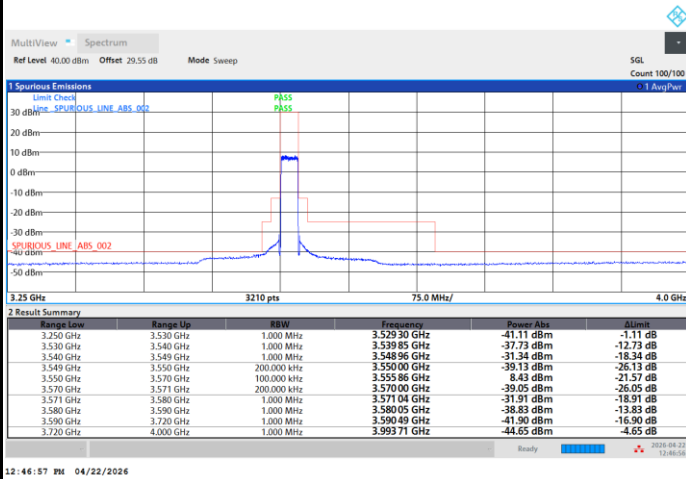
## 256QAM



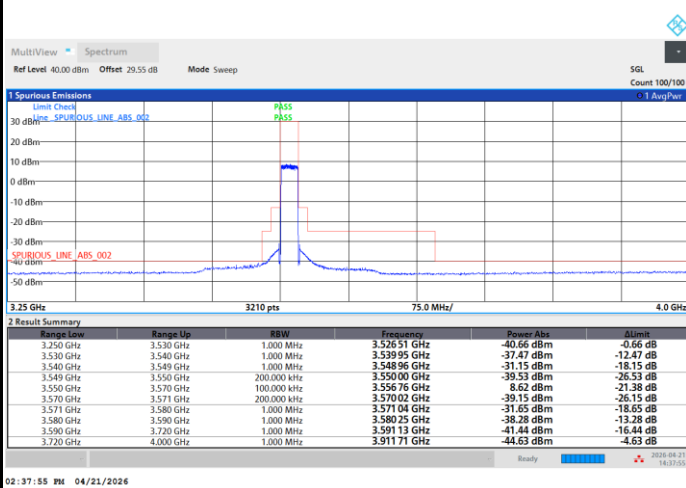


## FR1 n48 / 20MHz / Lowest Channel / MASK

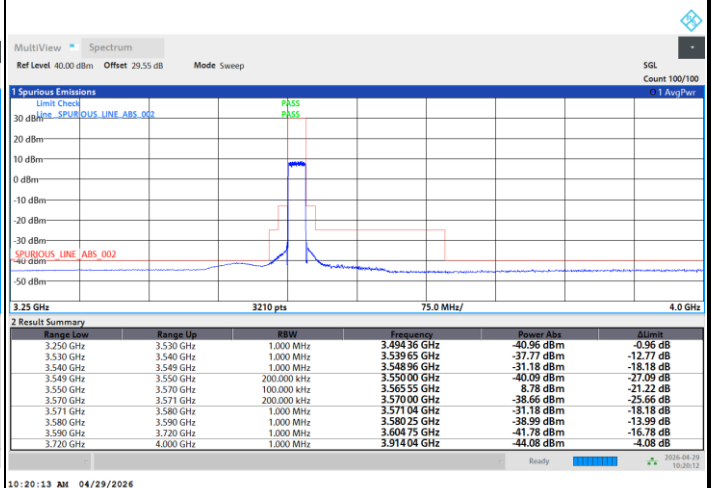
## QPSK



## 64QAM



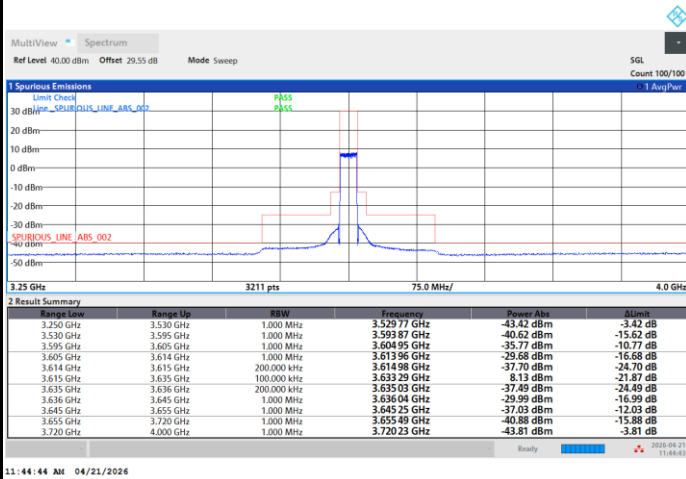
## 256QAM





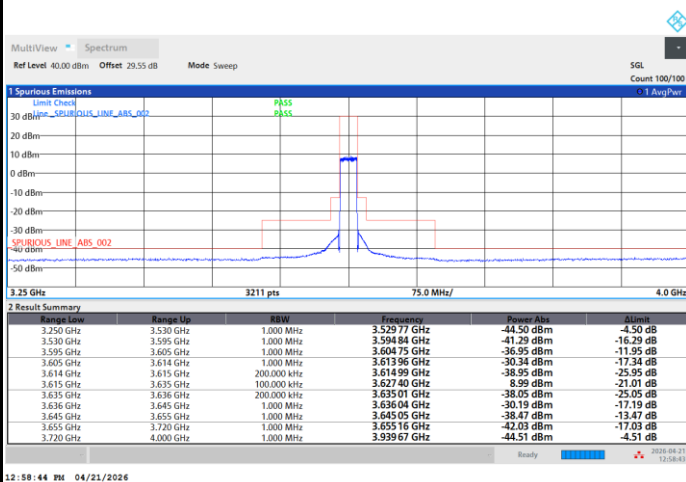
## FR1 n48 / 20MHz / Middle Channel / MASK

## QPSK



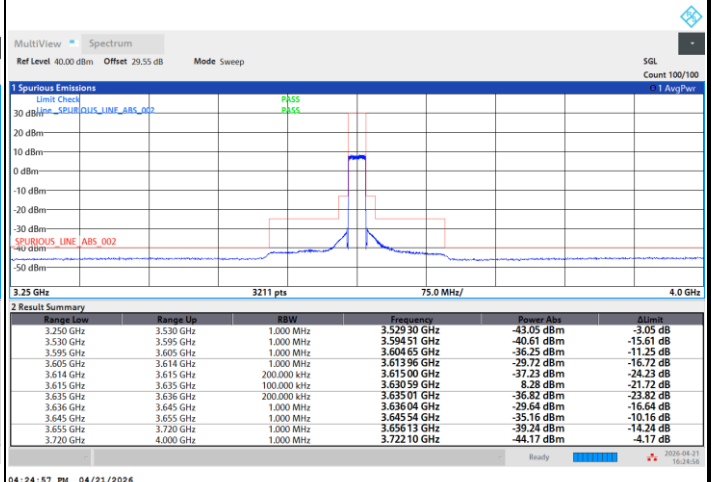
11:44:44 AM 04/21/2026

## 64QAM



12:58:44 PM 04/21/2026

## 256QAM

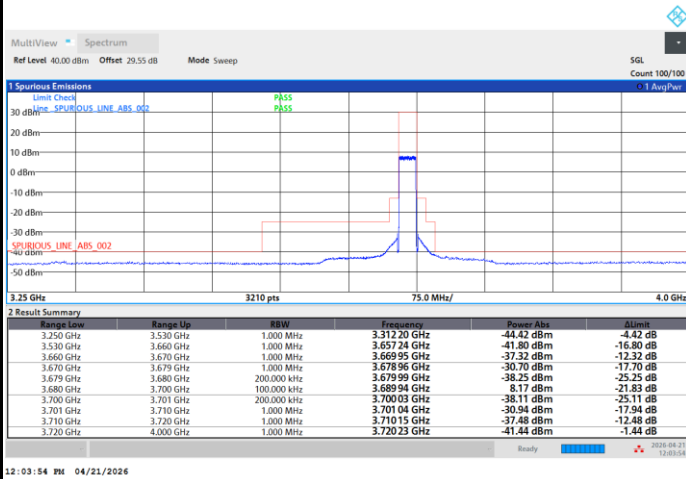


04:24:37 PM 04/21/2026

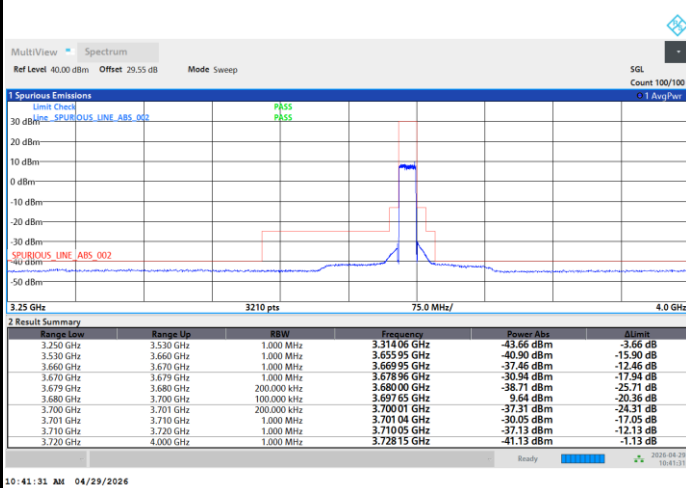


## FR1 n48 / 20MHz / Highest Channel / MASK

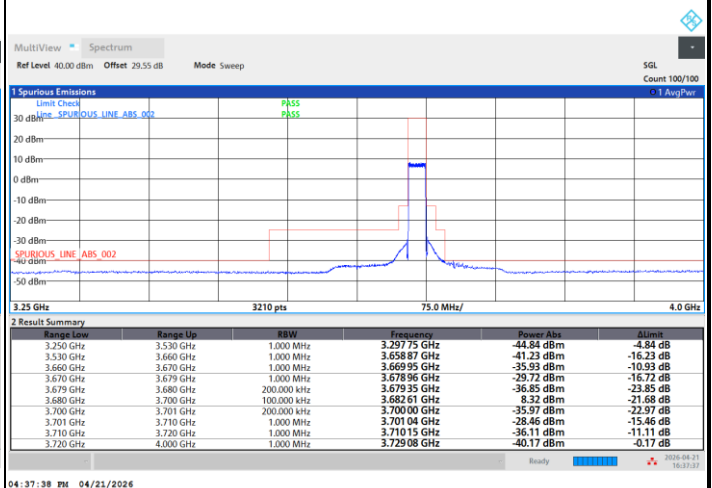
## QPSK



## 64QAM



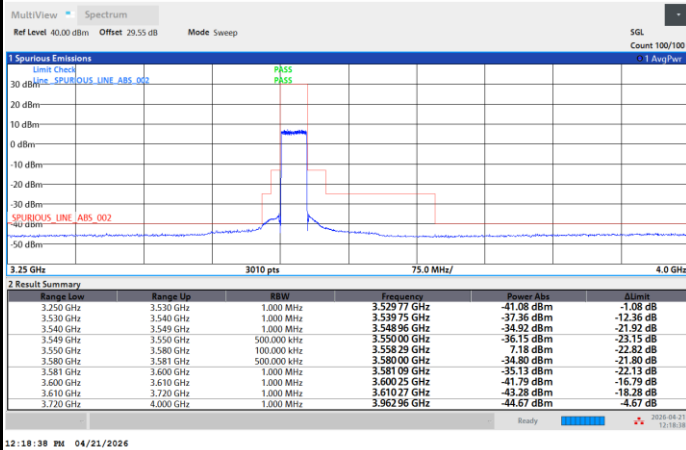
## 256QAM



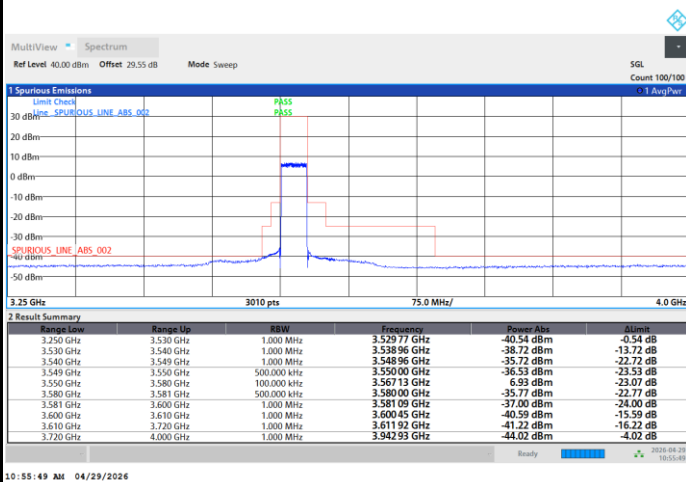


## FR1 n48 / 30MHz / Lowest Channel / MASK

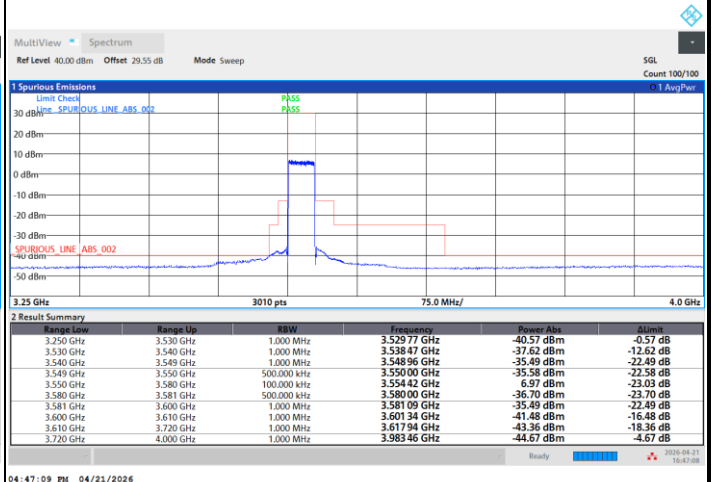
## QPSK



## 64QAM



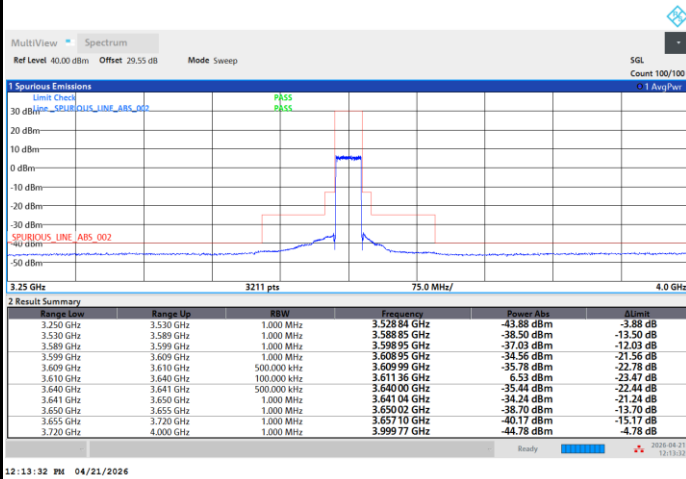
## 256QAM



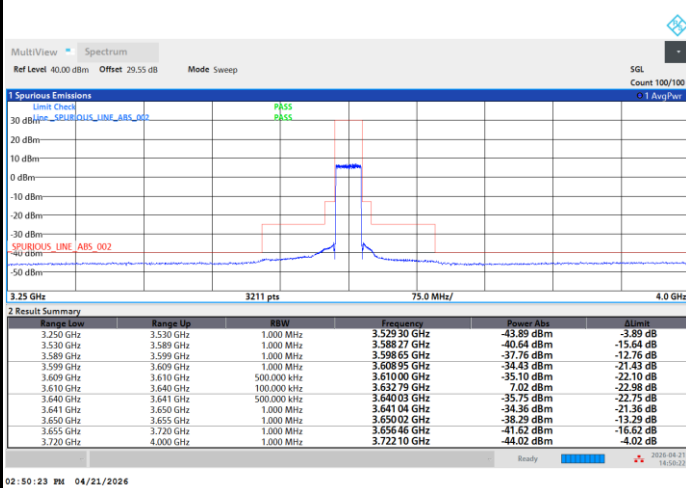


## FR1 n48 / 30MHz / Middle Channel / MASK

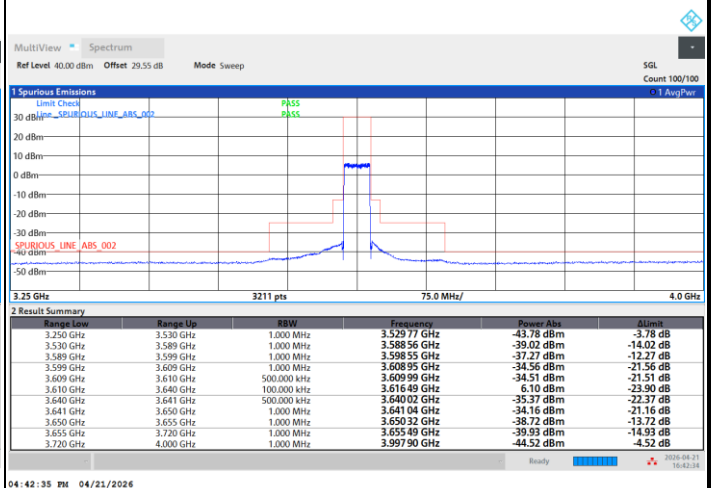
## QPSK



## 64QAM



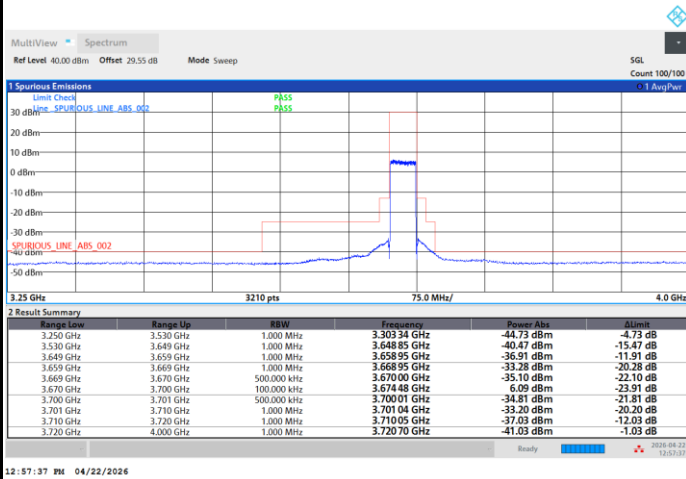
## 256QAM



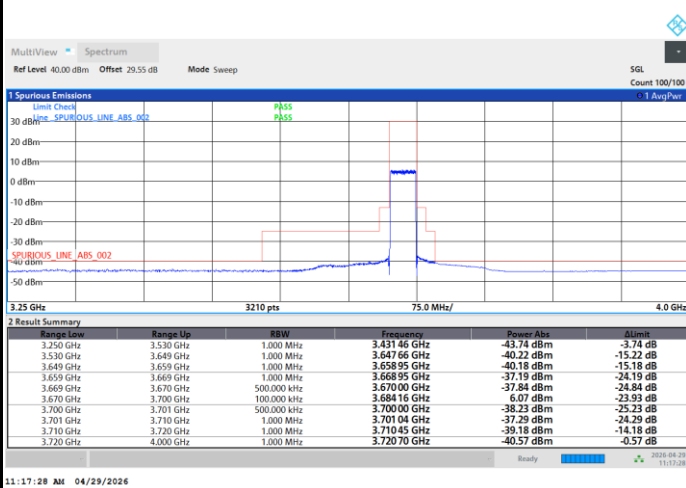


## FR1 n48 / 30MHz / Highest Channel / MASK

## QPSK



## 64QAM



## 256QAM

