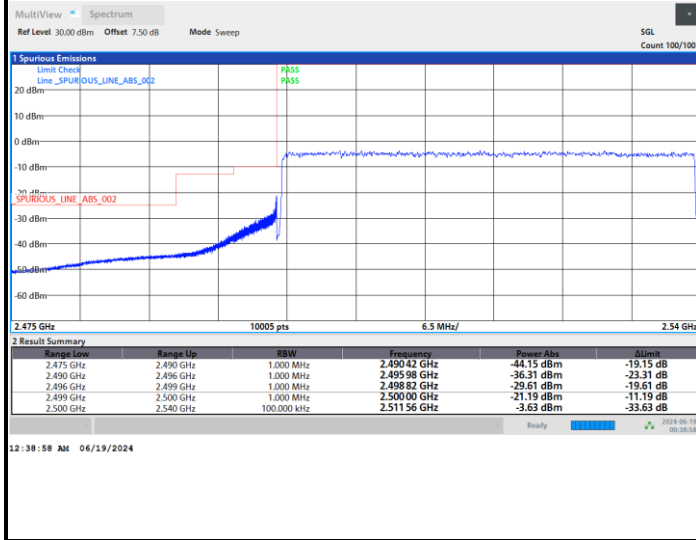


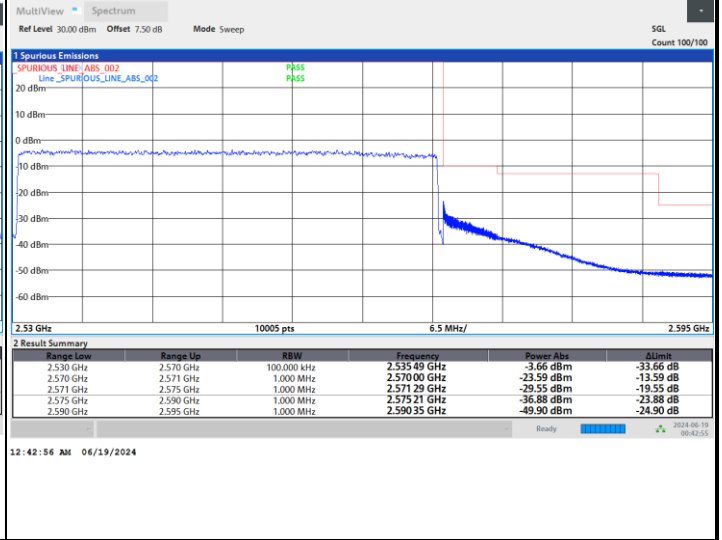


FR1 N7 / 40MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

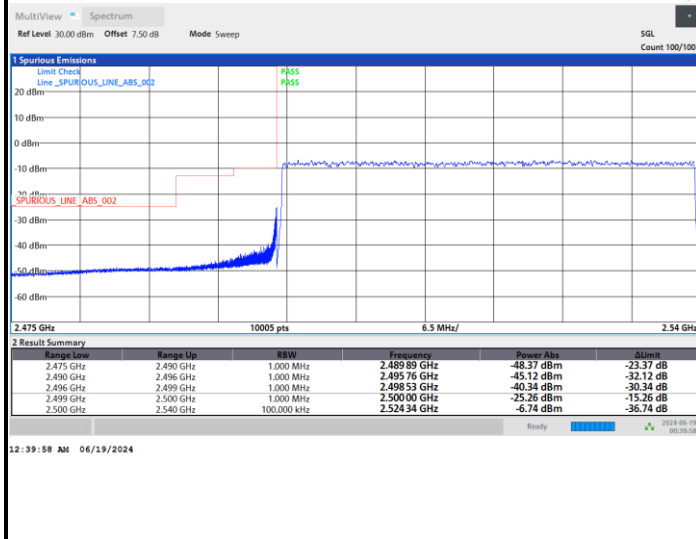


Highest Band Edge / Full RB

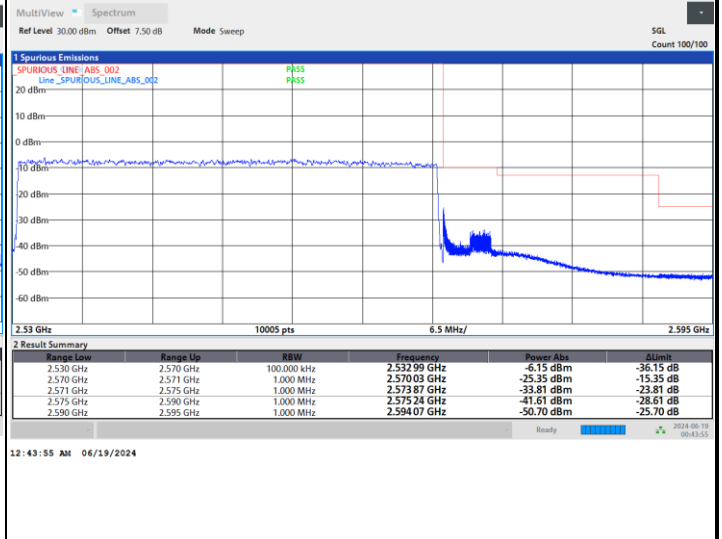


FR1 N7 / 40MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



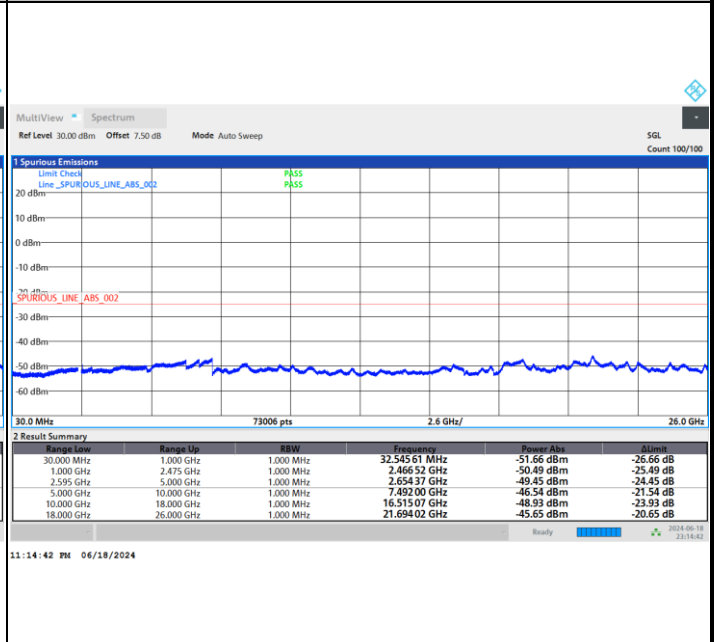
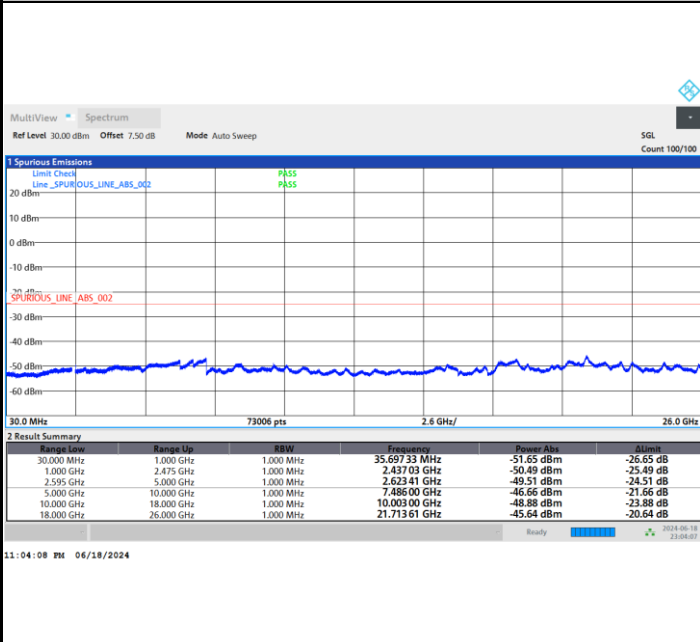


Conducted Spurious Emission

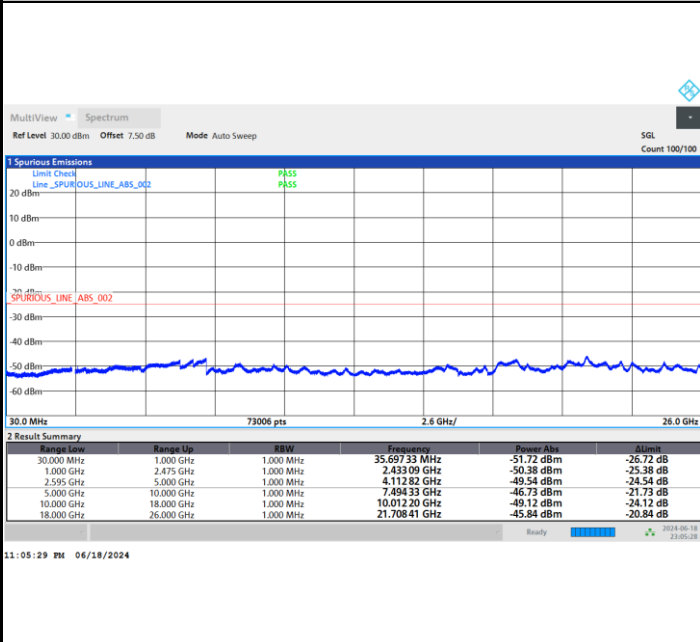
FR1 N7 / 5MHz / CP OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel





Frequency Stability

| Test Conditions | | FR1 N7 (QPSK) / Middle Channel | Limit |
|---------------------|-------------------|--------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 20MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0009 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0026 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0032 | |
| 0 | Normal Voltage | 0.0006 | |
| -10 | Normal Voltage | 0.0025 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0030 | |
| 20 | Maximum Voltage | 0.0034 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0005 | |

Note:

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

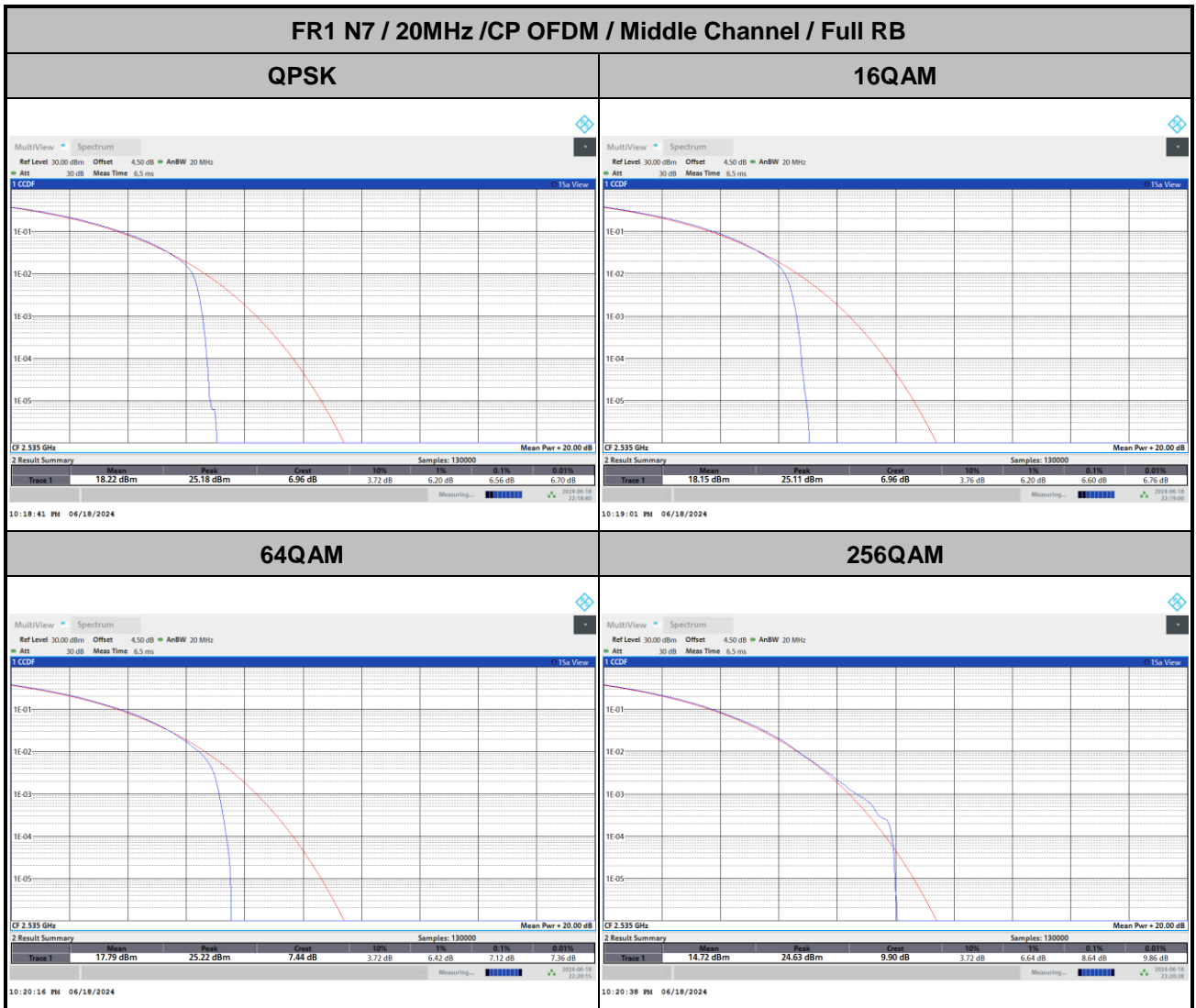


<MIMO Mode>

MIMO <Ant. 2>

Peak-to-Average Ratio

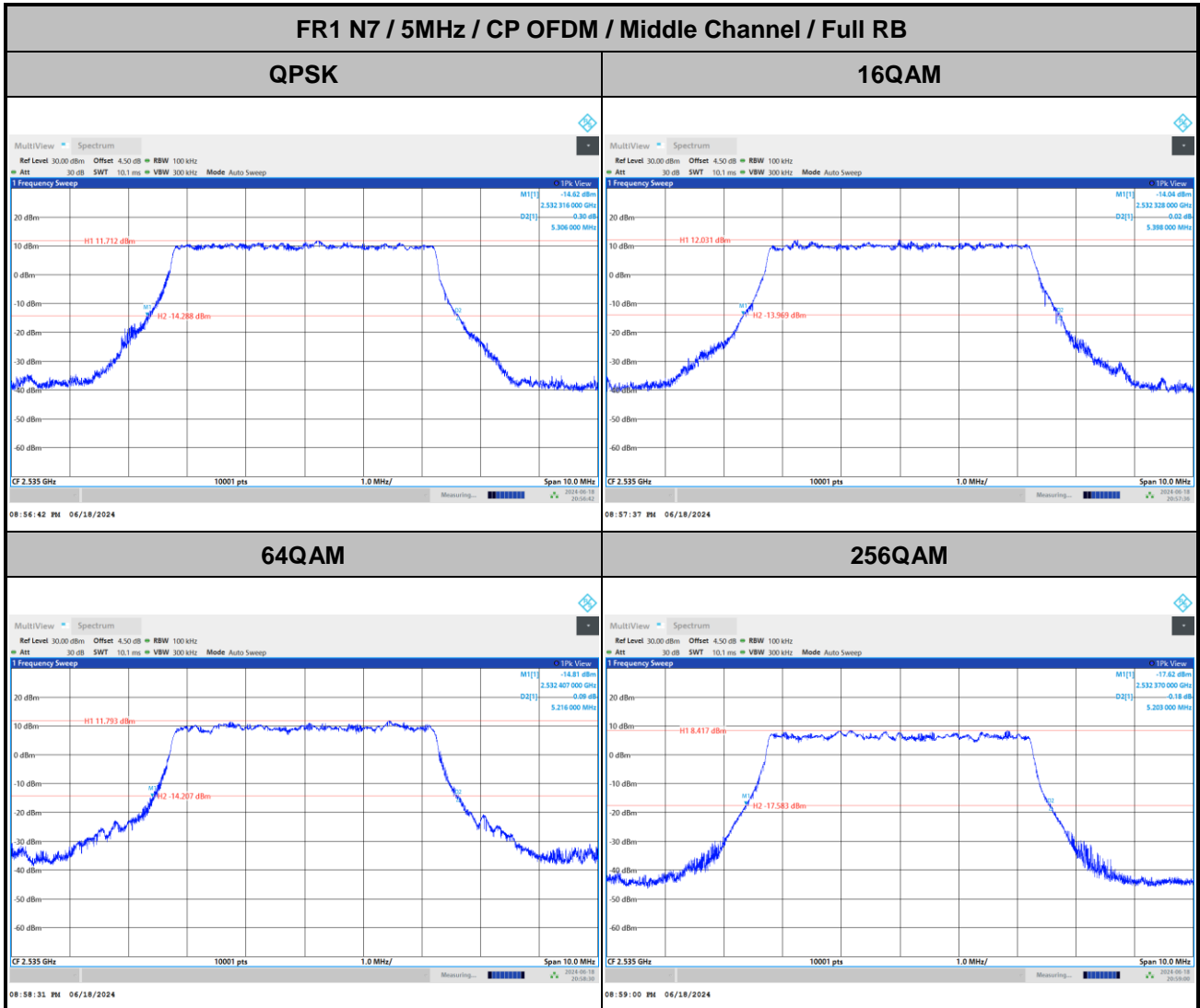
| | | | | | |
|-----------|--------------------------|---------|---------|---------|-------------|
| Mode | FR1 N7 / 20MHz / CP OFDM | | | | |
| Mod. | QPSK | 16QAM | 64QAM | 256QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Full RB | Result |
| Middle CH | 6.56 | 6.60 | 7.12 | 8.64 | PASS |

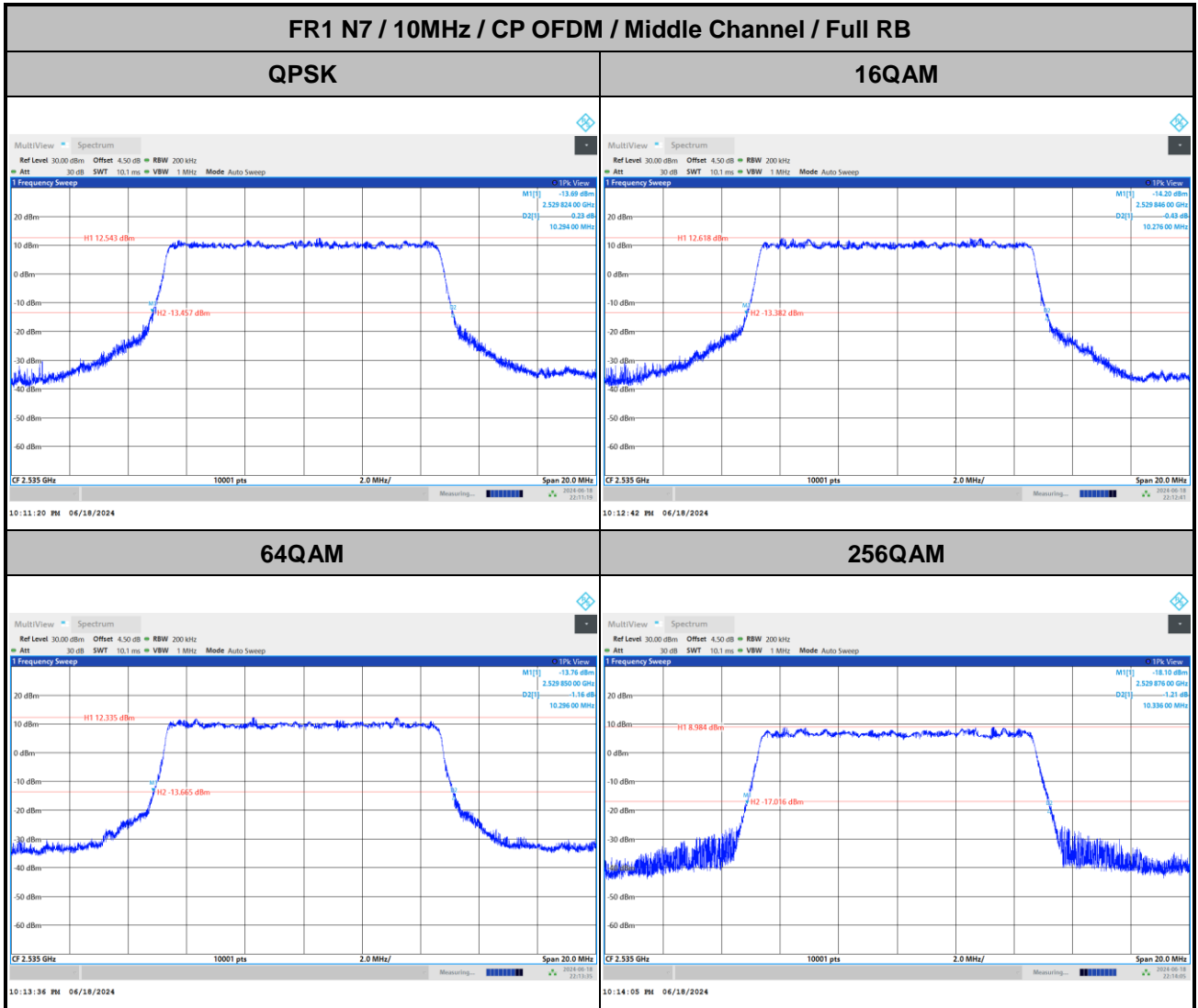


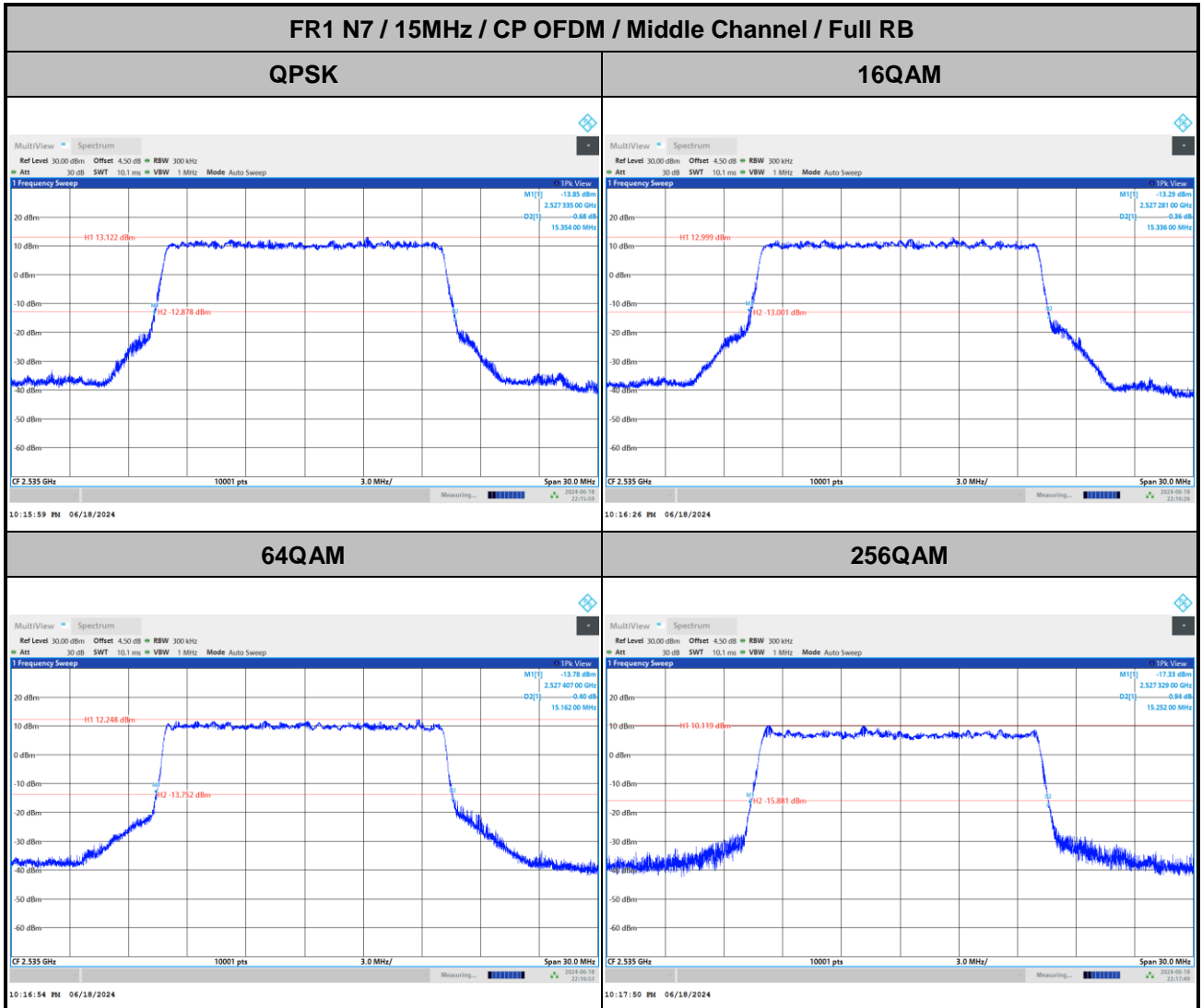


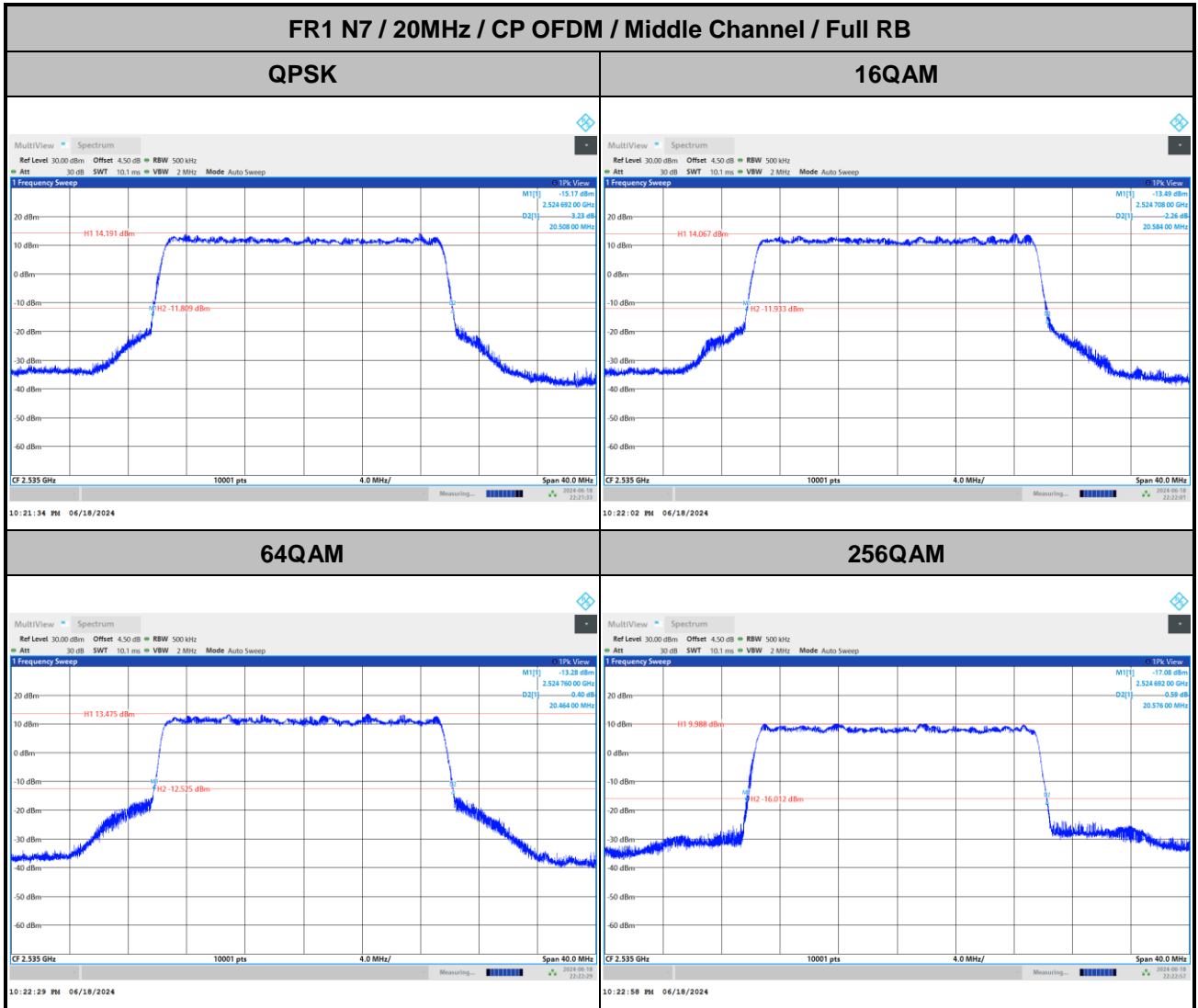
26dB Bandwidth

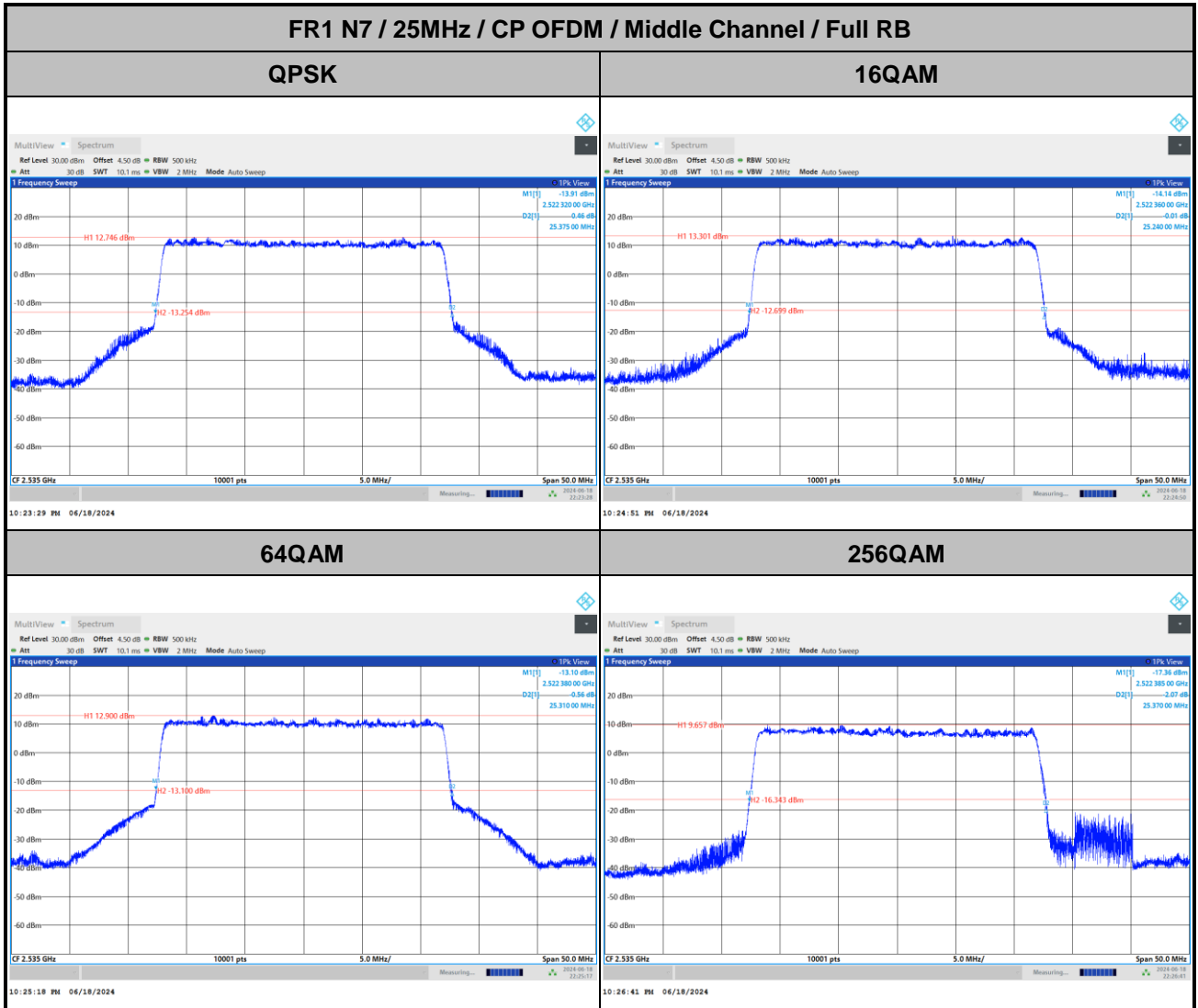
| Mode | FR1 N7 : 26dB BW(MHz) / CP OFDM | | | | | | | |
|-----------|---------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 5.31 | 5.40 | 10.29 | 10.28 | 15.35 | 15.34 | 20.51 | 20.58 |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 5.22 | 5.20 | 10.30 | 10.34 | 15.16 | 15.25 | 20.46 | 20.58 |
| BW | 25MHz | | 30MHz | | 35MHz | | 40MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 25.37 | 25.24 | 31.22 | 31.51 | 36.18 | 36.14 | 41.14 | 41.18 |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 25.31 | 25.37 | 31.10 | 31.24 | 37.07 | 36.08 | 41.26 | 41.11 |

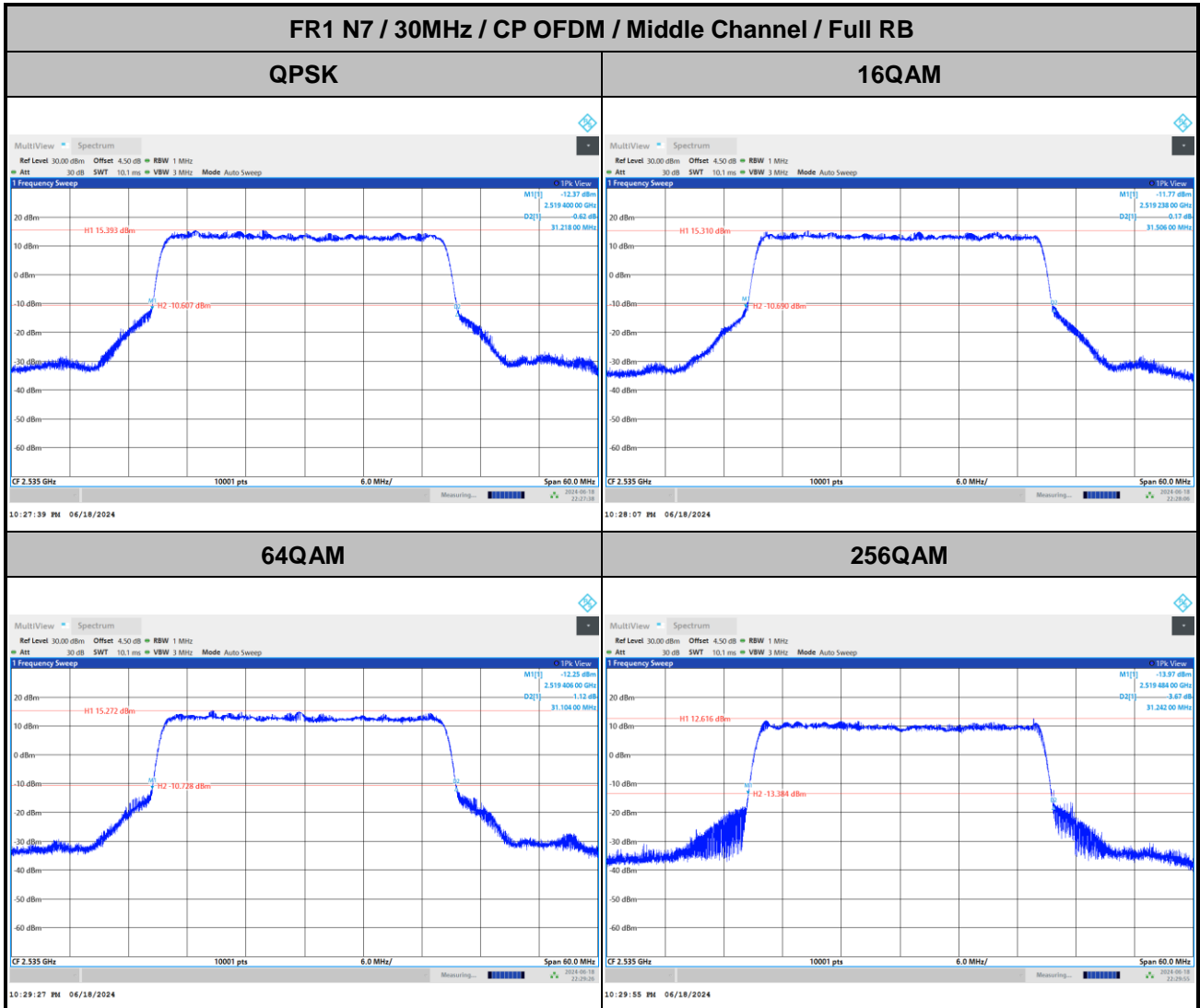










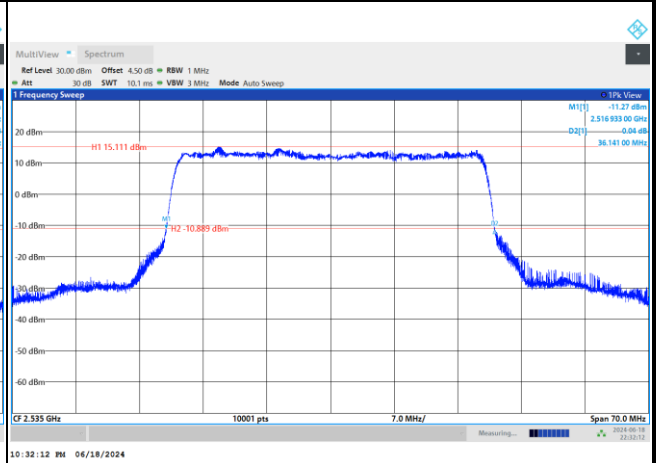
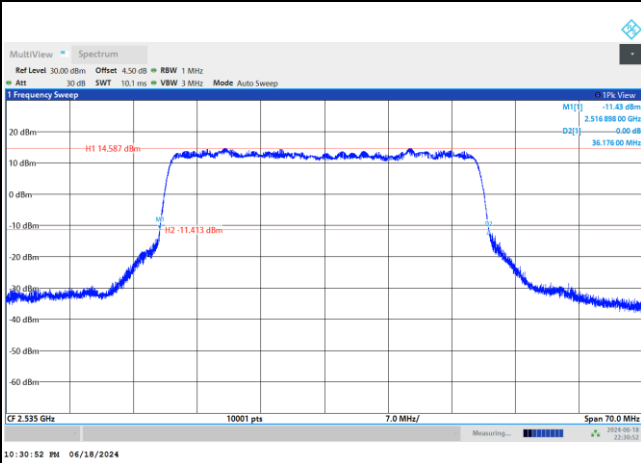




FR1 N7 / 35MHz / CP OFDM / Middle Channel / Full RB

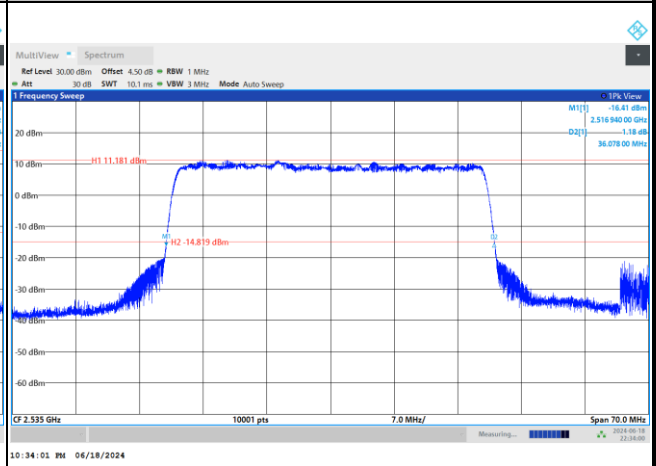
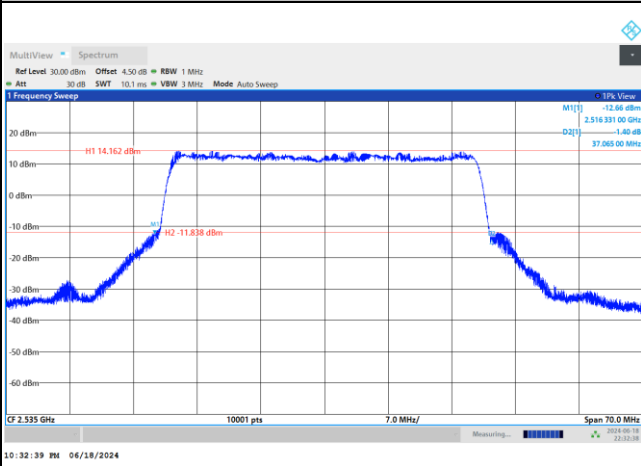
QPSK

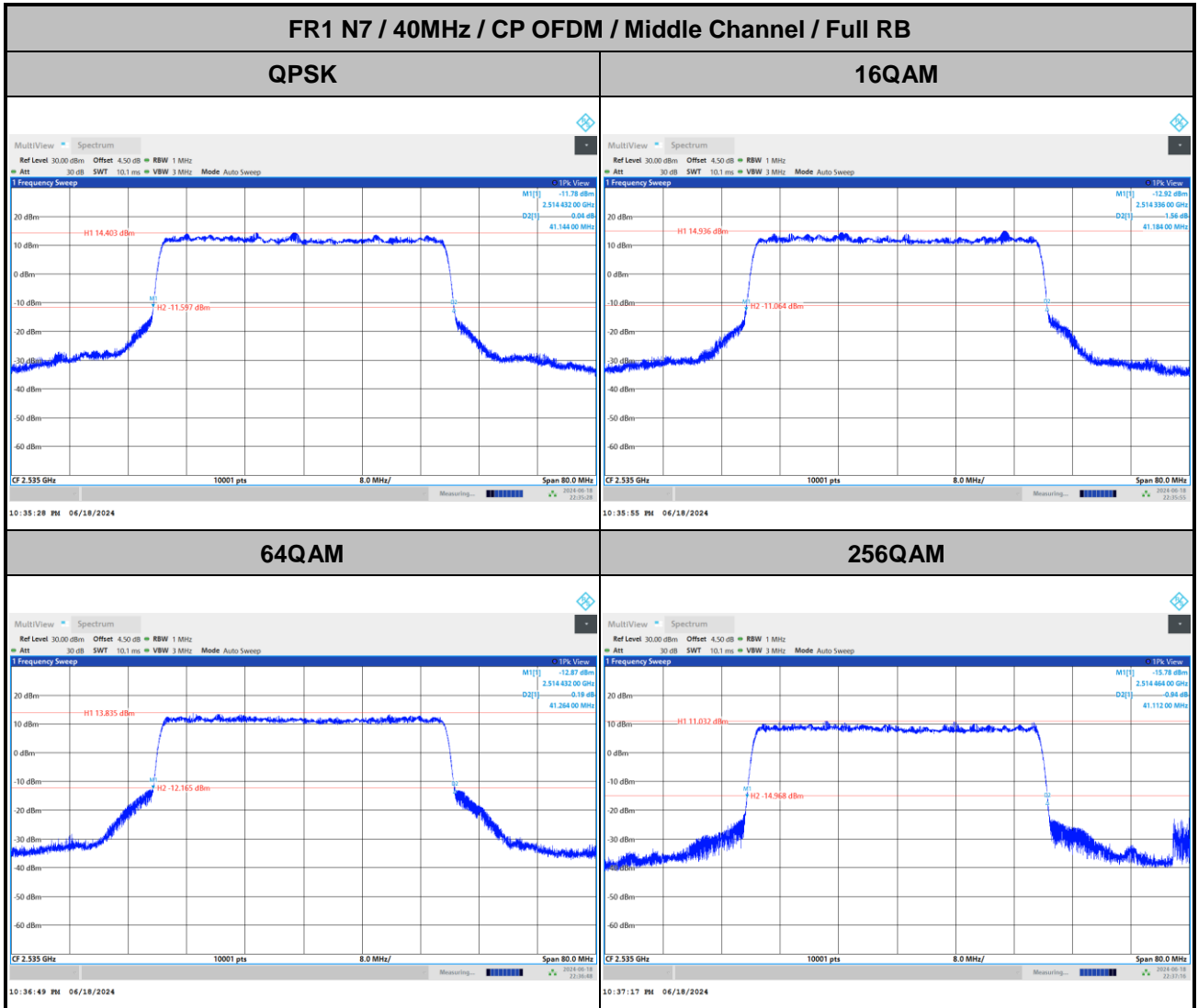
16QAM



64QAM

256QAM







Occupied Bandwidth

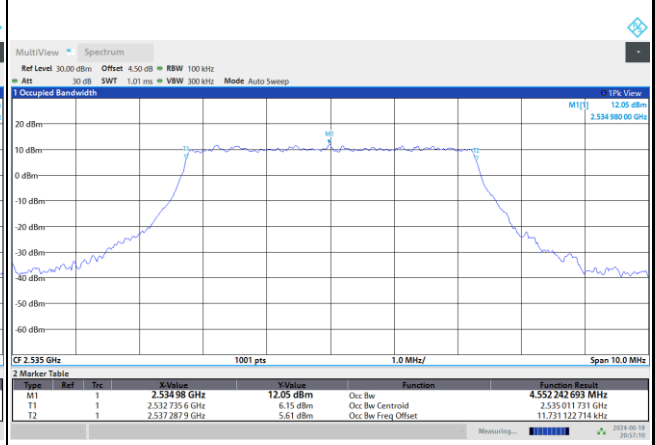
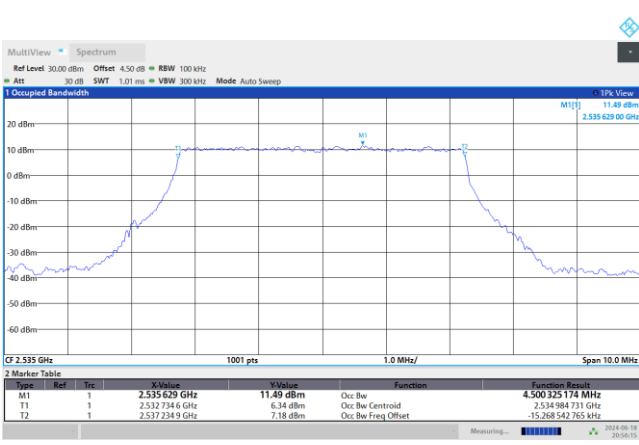
| Mode | FR1 N7 : OB BW(MHz) / CP OFDM | | | | | | | |
|-----------|-------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 4.50 | 4.55 | 9.34 | 9.34 | 14.16 | 14.15 | 19.06 | 19.03 |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 4.49 | 4.49 | 9.33 | 9.35 | 14.21 | 14.14 | 19.06 | 19.07 |
| BW | 25MHz | | 30MHz | | 35MHz | | 40MH | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 23.87 | 23.80 | 28.88 | 28.97 | 33.84 | 33.80 | 38.80 | 38.84 |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 23.88 | 23.84 | 28.87 | 28.97 | 33.81 | 33.91 | 38.78 | 38.83 |



FR1 N7 / 5MHz / CP OFDM / Middle Channel / Full RB

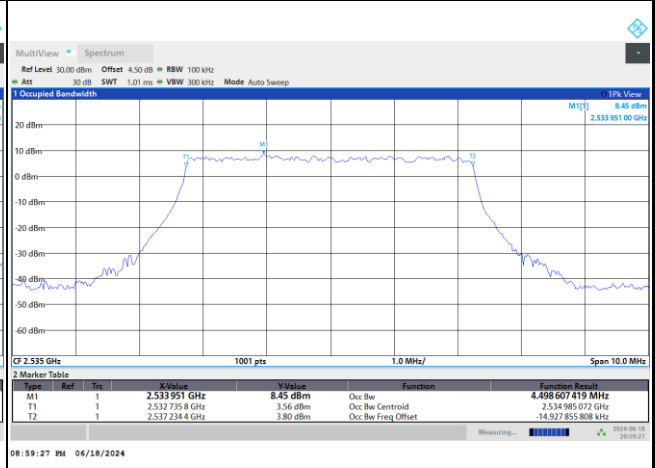
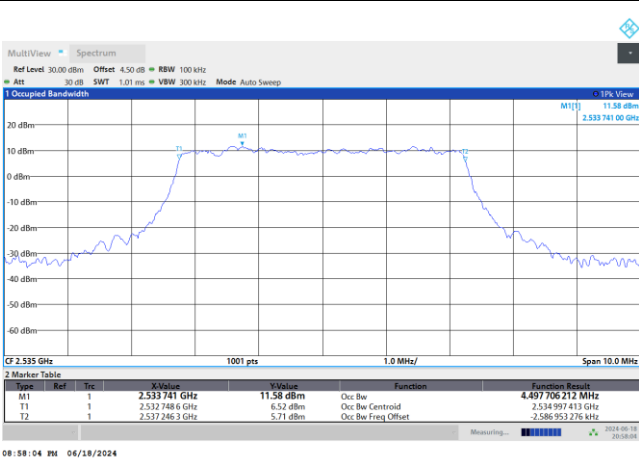
QPSK

16QAM



64QAM

256QAM

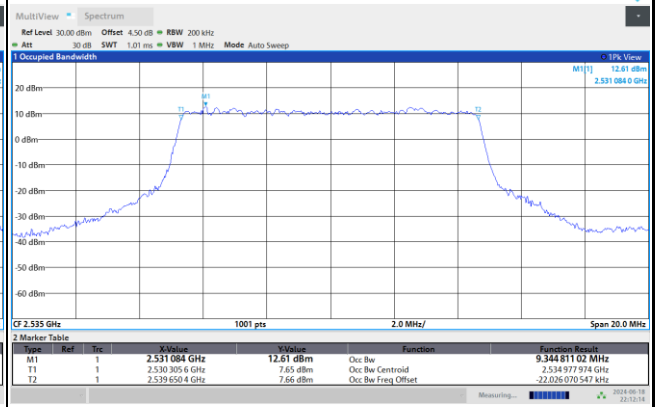
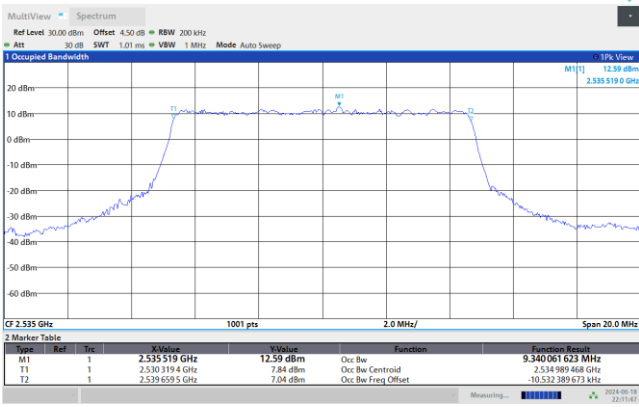




FR1 N7 / 10MHz / CP OFDM / Middle Channel / Full RB

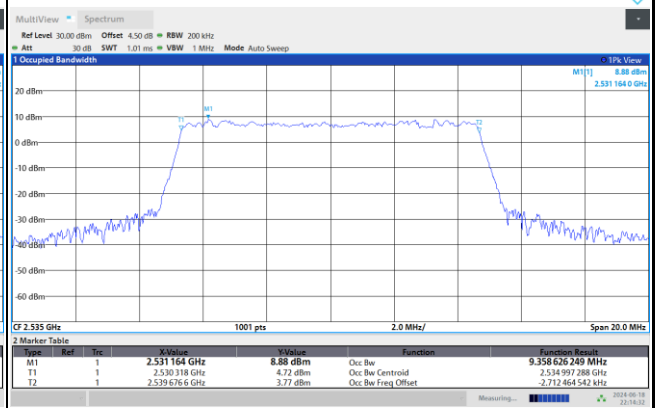
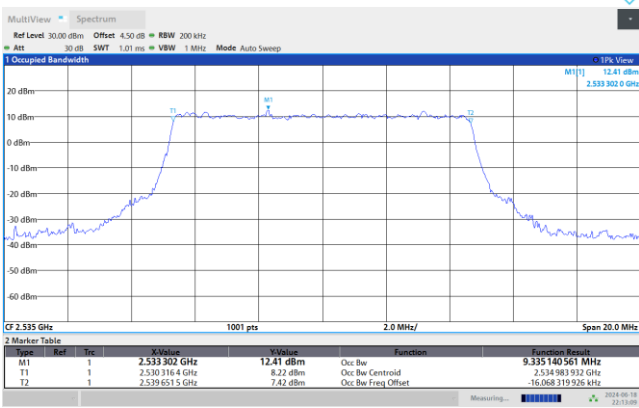
QPSK

16QAM



64QAM

256QAM

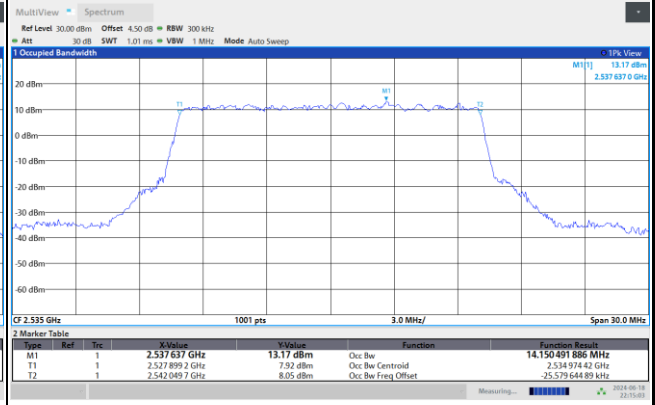
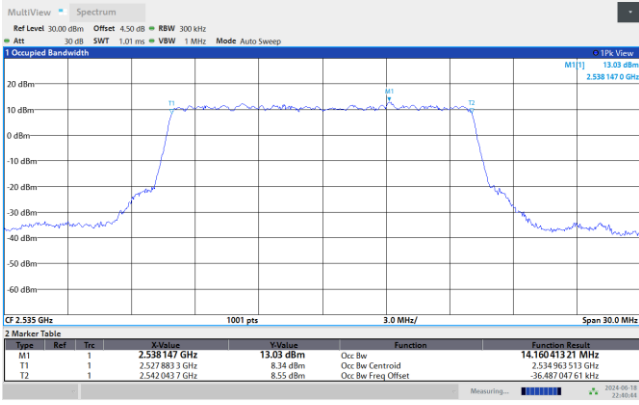




FR1 N7 / 15MHz / CP OFDM / Middle Channel / Full RB

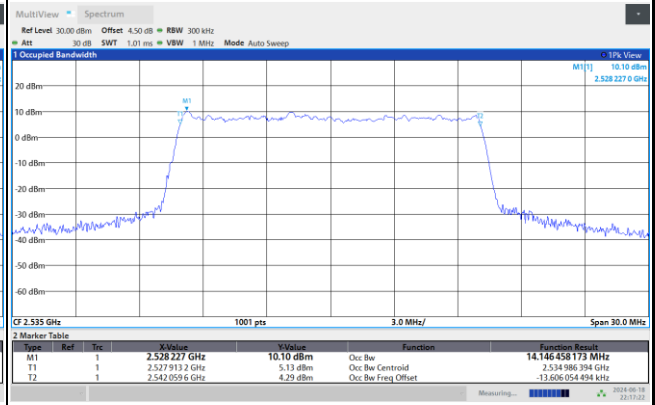
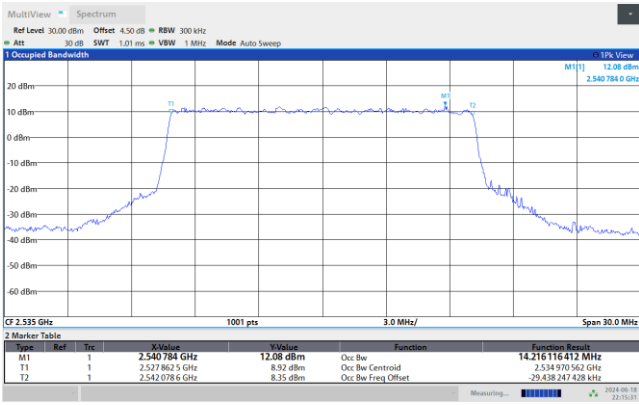
QPSK

16QAM



64QAM

256QAM

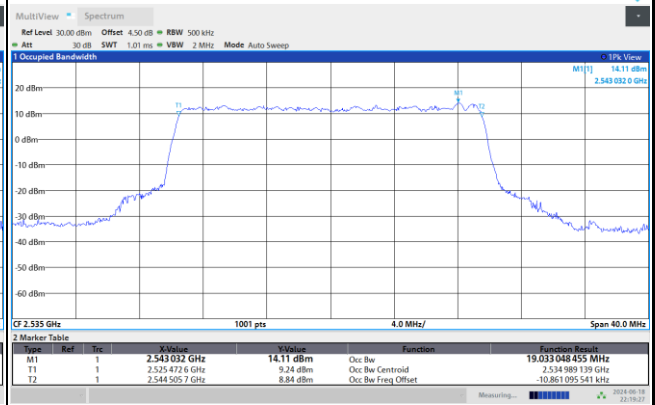
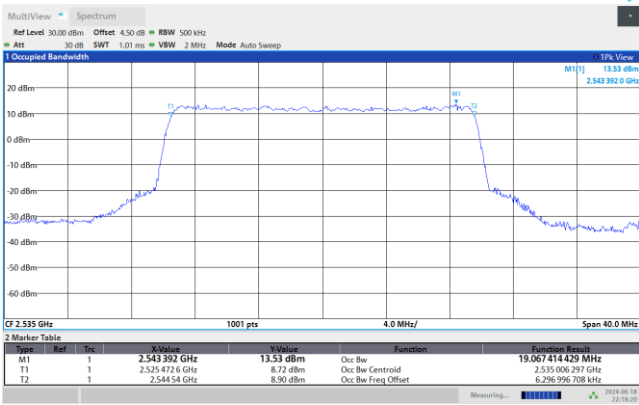




FR1 N7 / 20MHz / CP OFDM / Middle Channel / Full RB

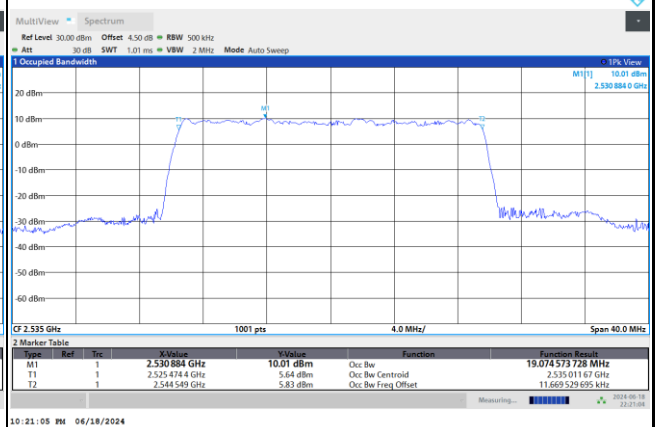
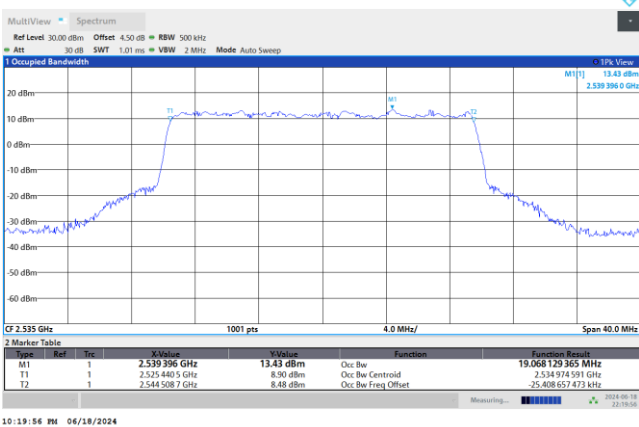
QPSK

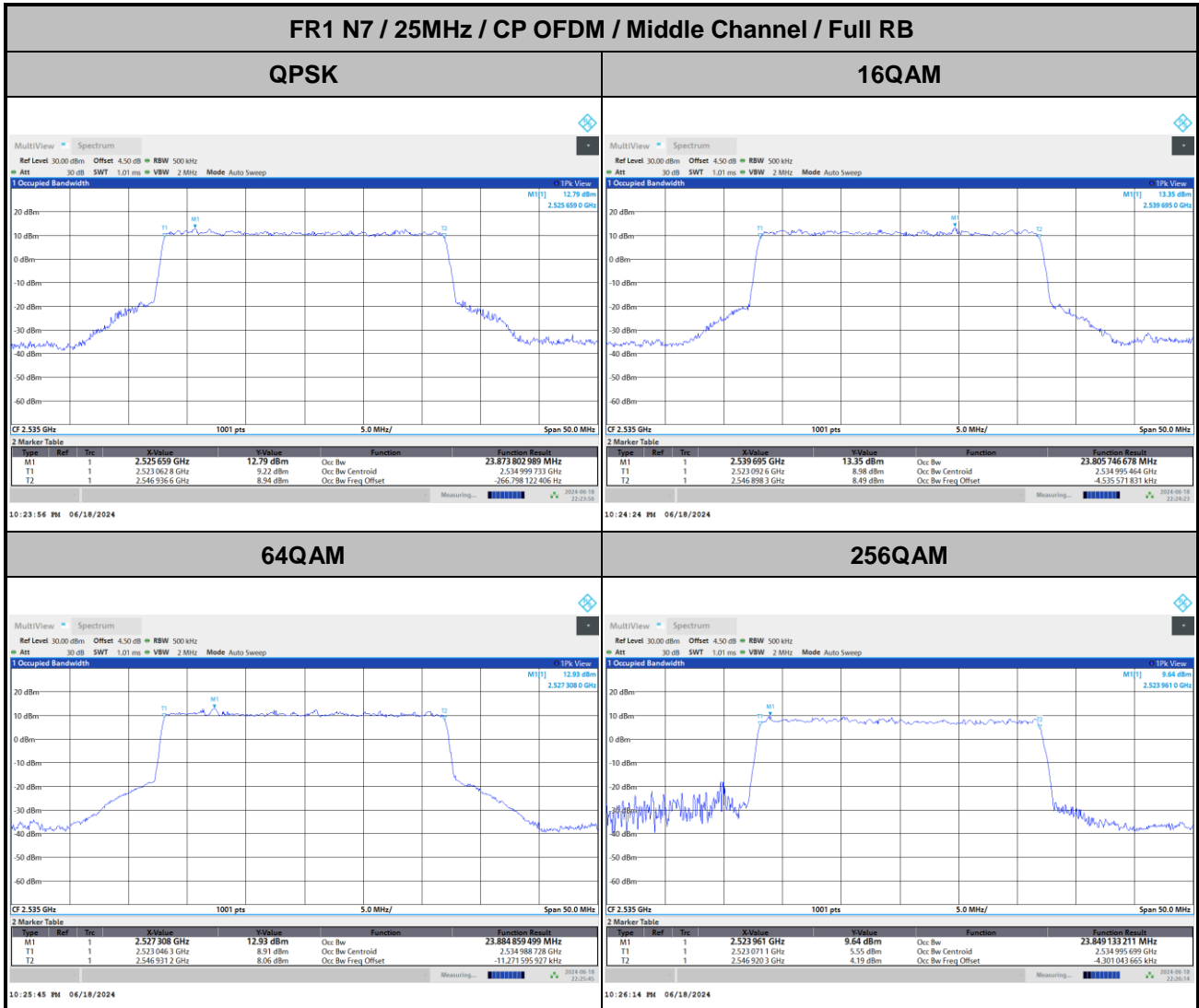
16QAM



64QAM

256QAM



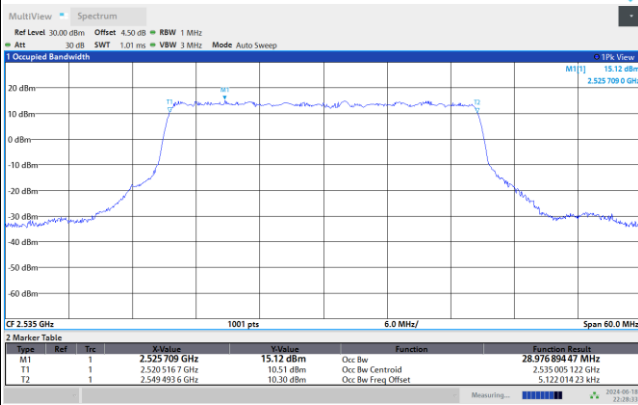
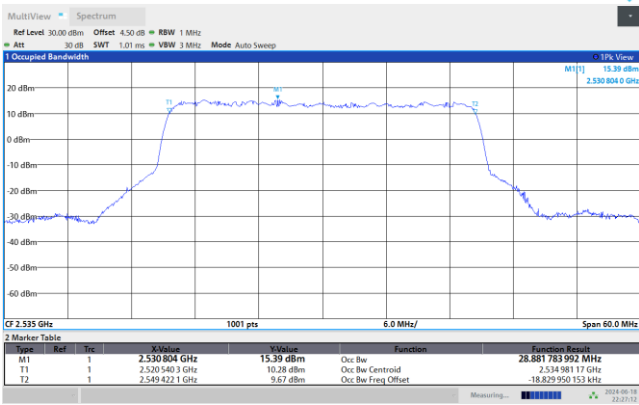




FR1 N7 / 30MHz / CP OFDM / Middle Channel / Full RB

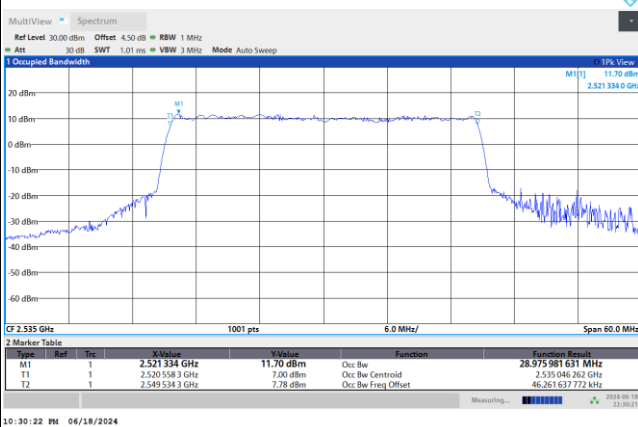
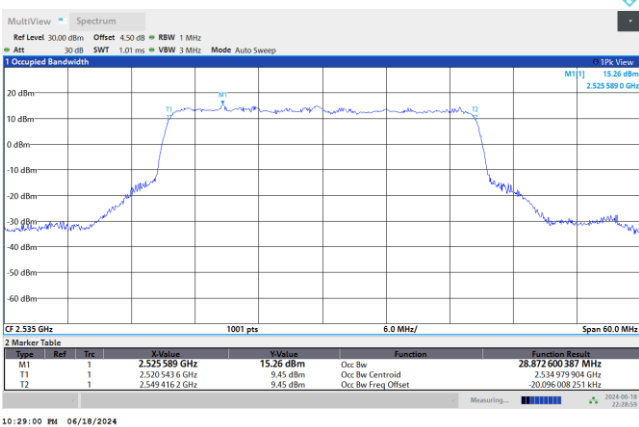
QPSK

16QAM



64QAM

256QAM

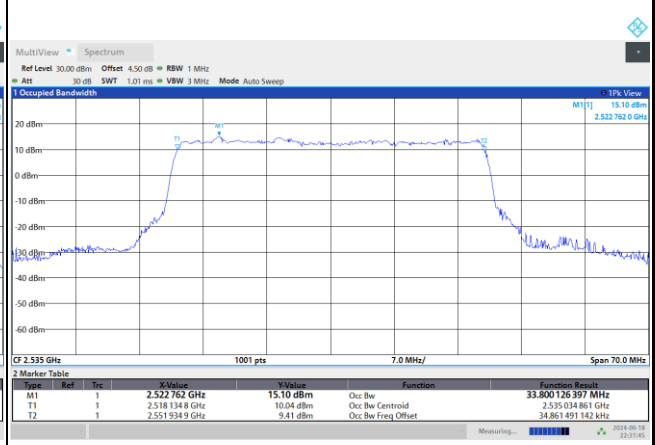
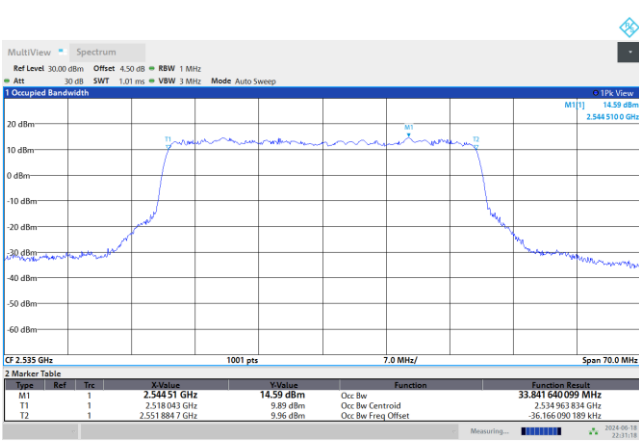




FR1 N7 / 35MHz / CP OFDM / Middle Channel / Full RB

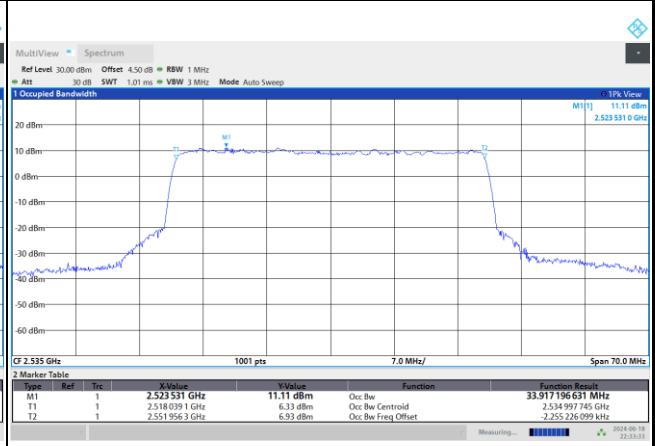
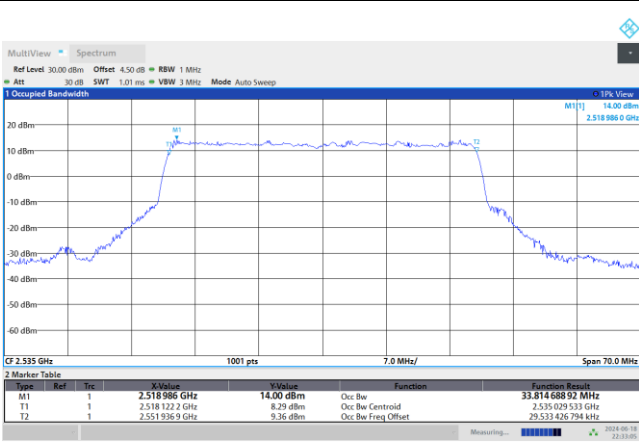
QPSK

16QAM



64QAM

256QAM

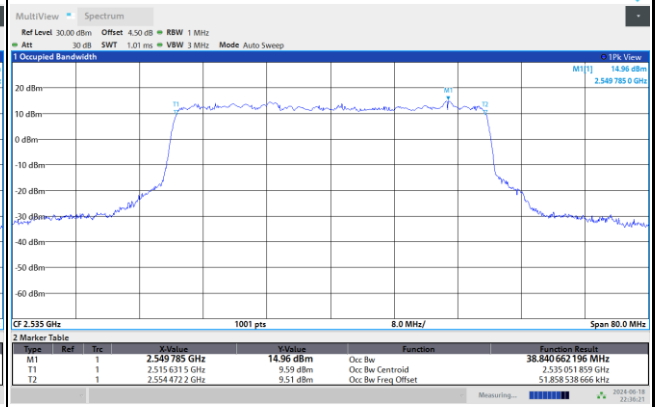
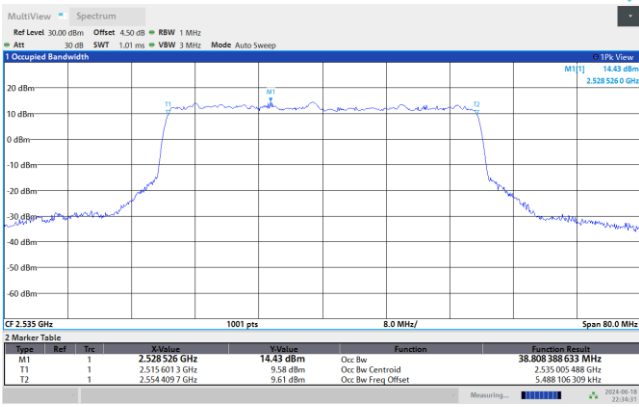




FR1 N7 / 40MHz / CP OFDM / Middle Channel / Full RB

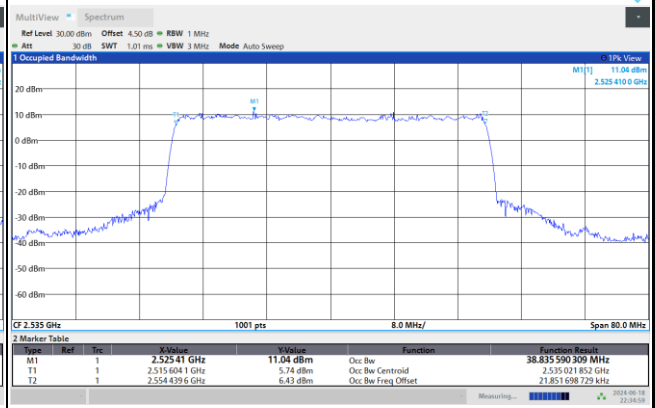
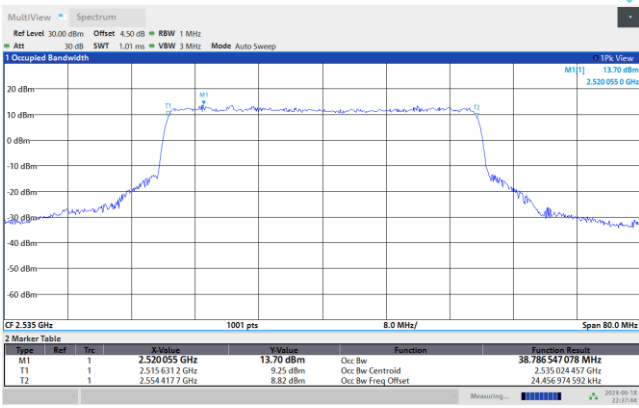
QPSK

16QAM



64QAM

256QAM



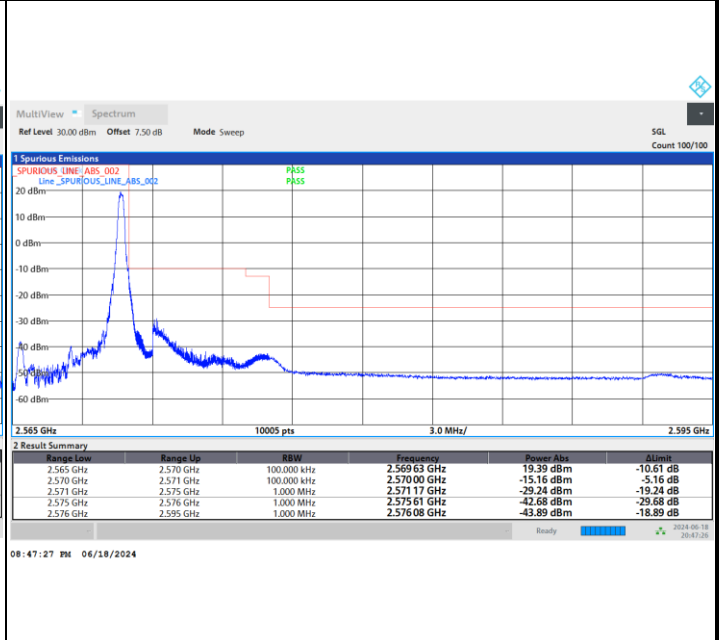
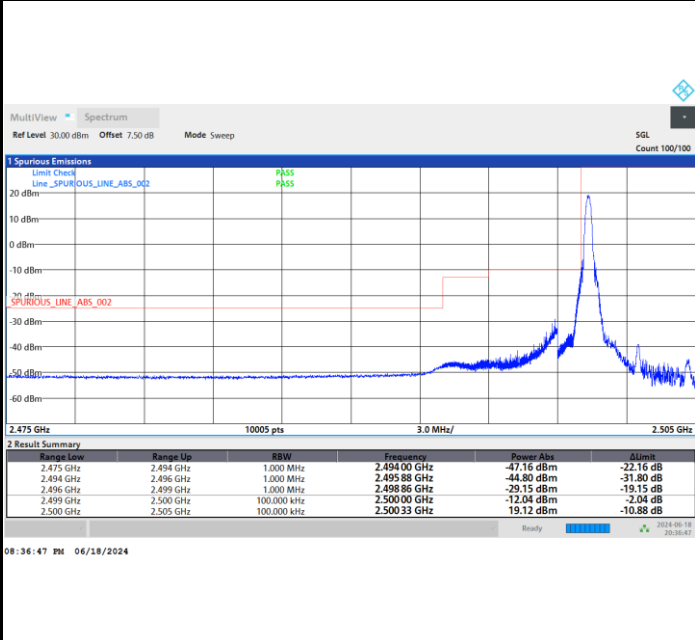


Conducted Band Edge

FR1 N7 / 5MHz / CP OFDM / QPSK

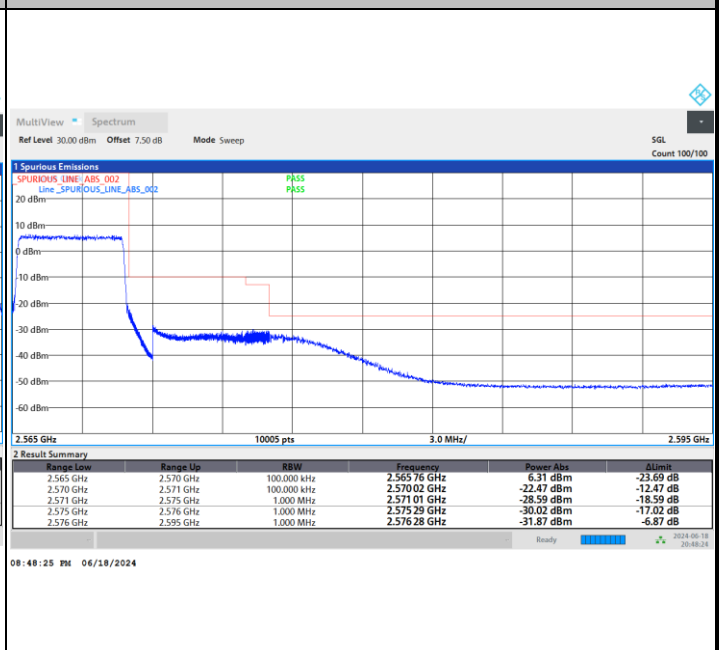
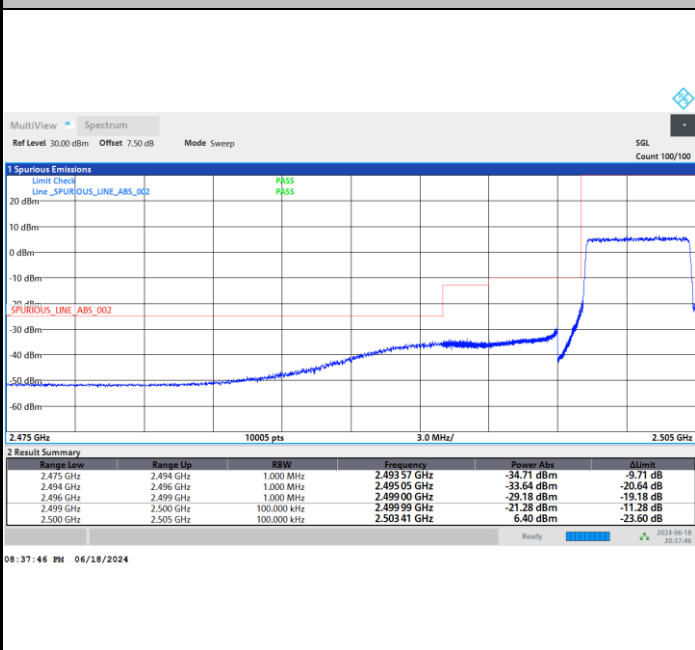
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

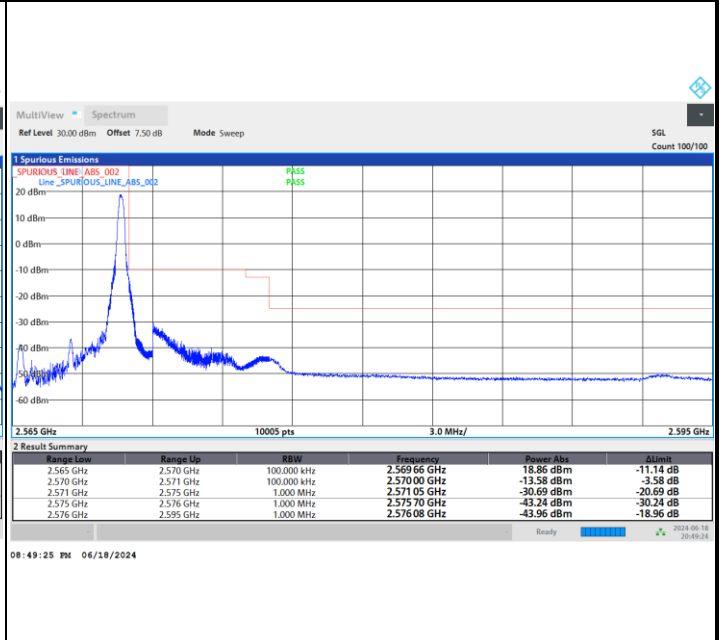
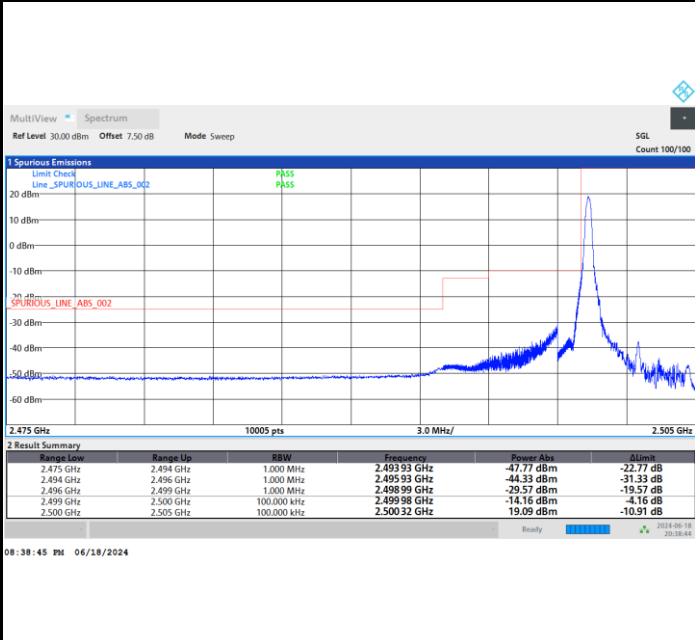




FR1 N7 / 5MHz / CP OFDM / 16QAM

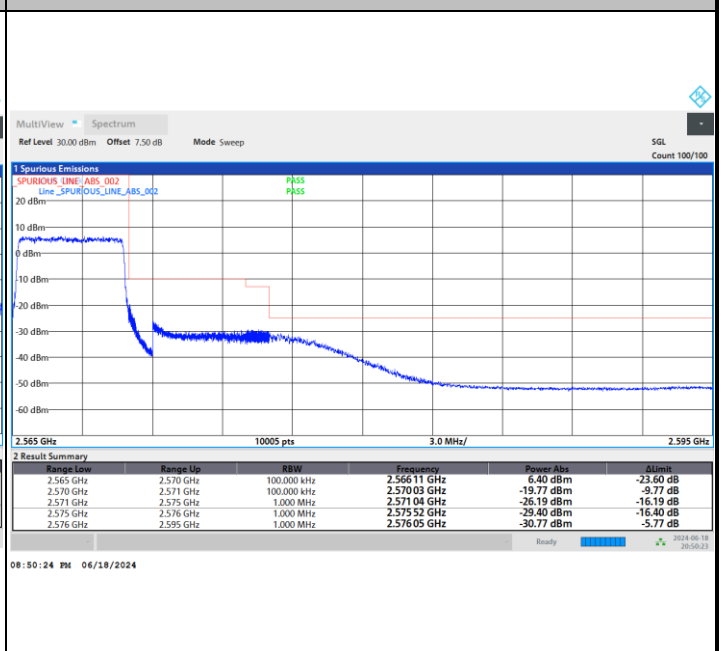
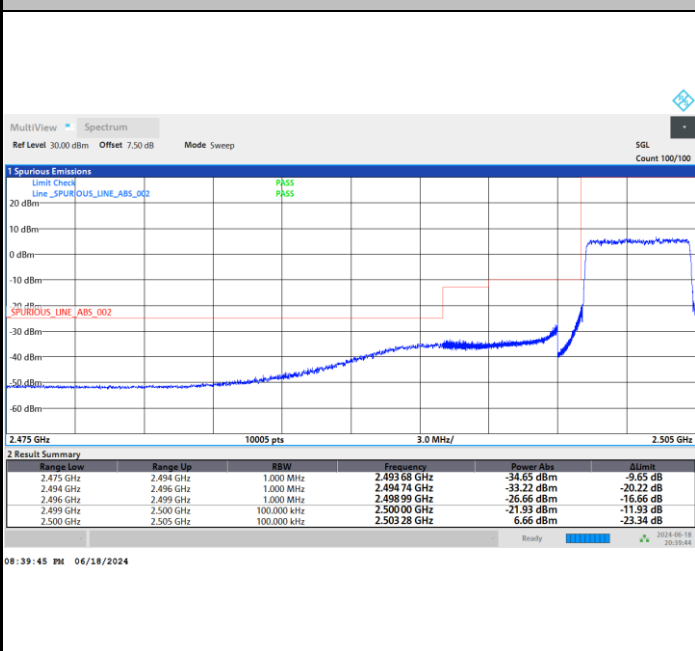
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

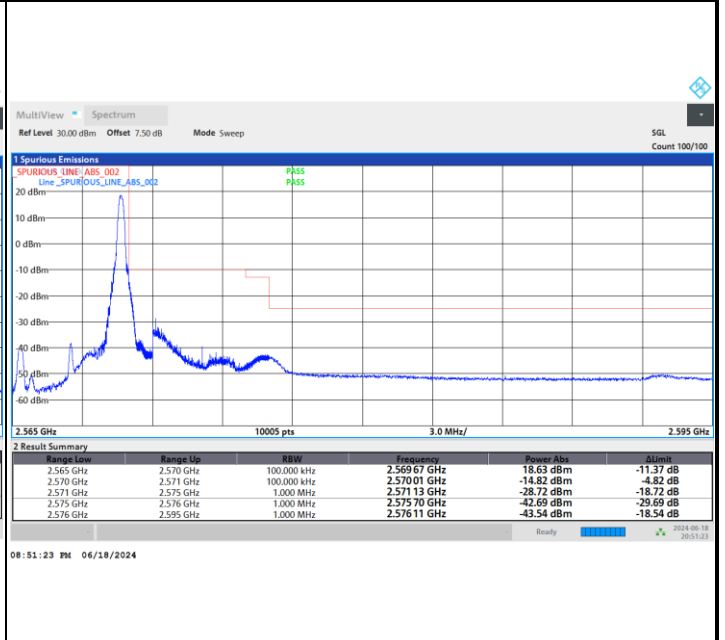
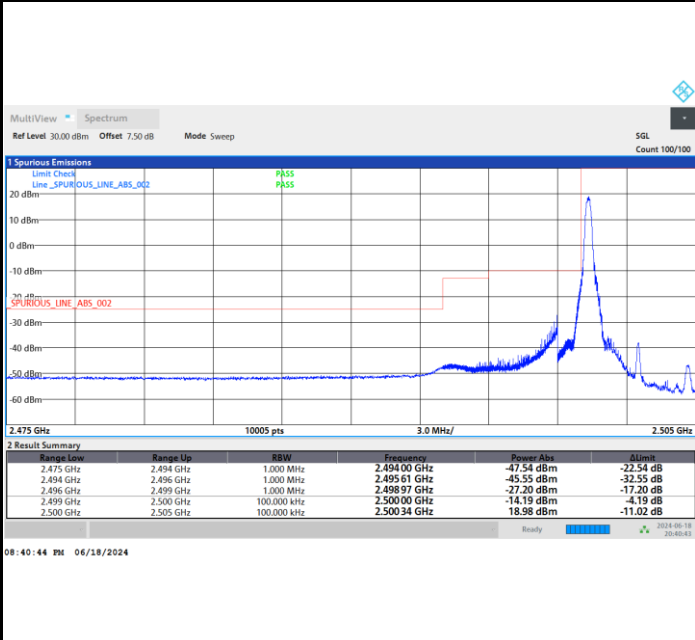




FR1 N7 / 5MHz / CP OFDM / 64QAM

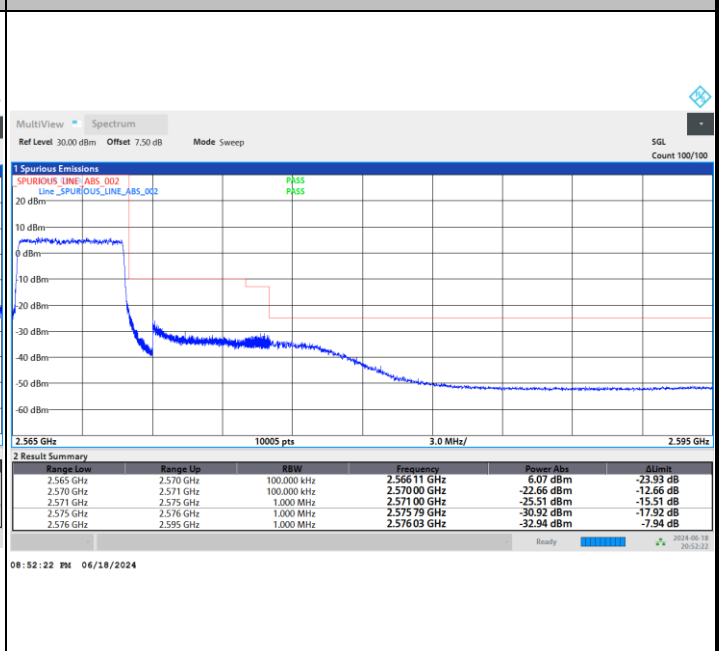
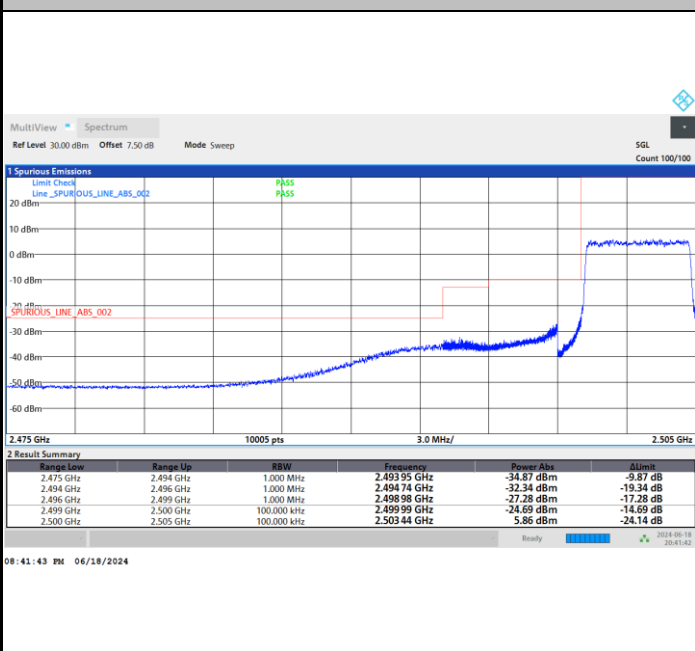
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

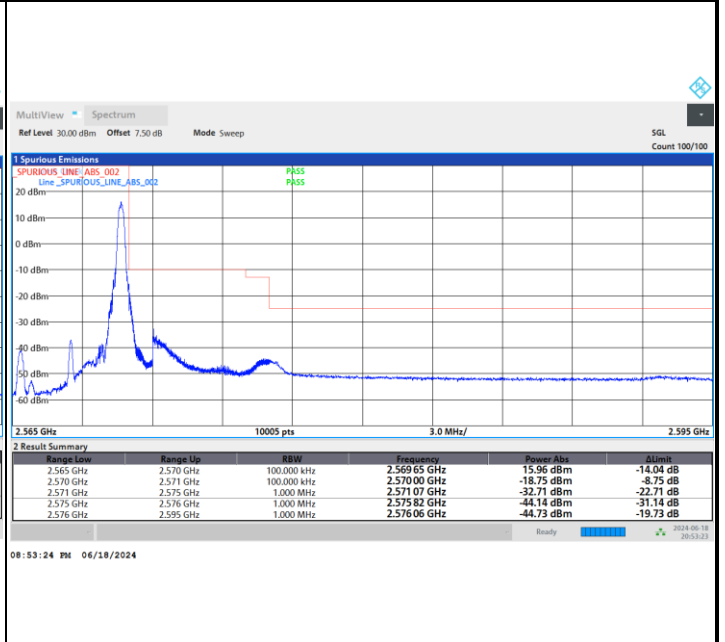
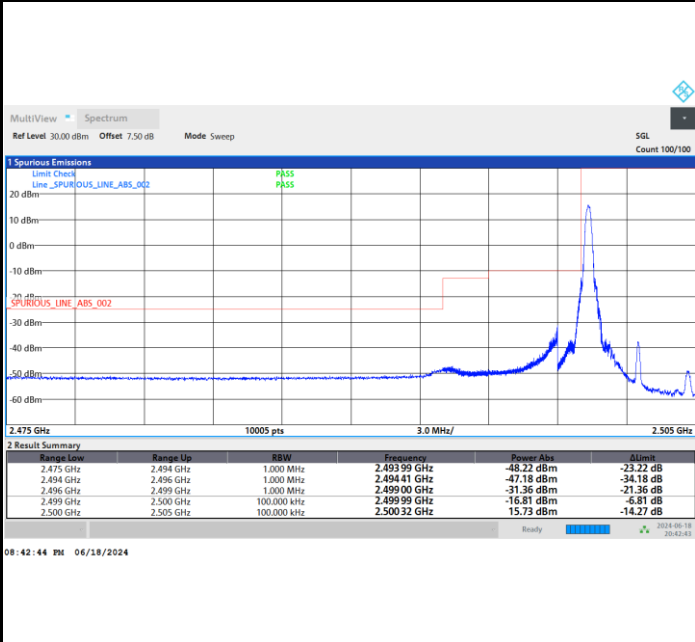




FR1 N7 / 5MHz / CP OFDM / 256QAM

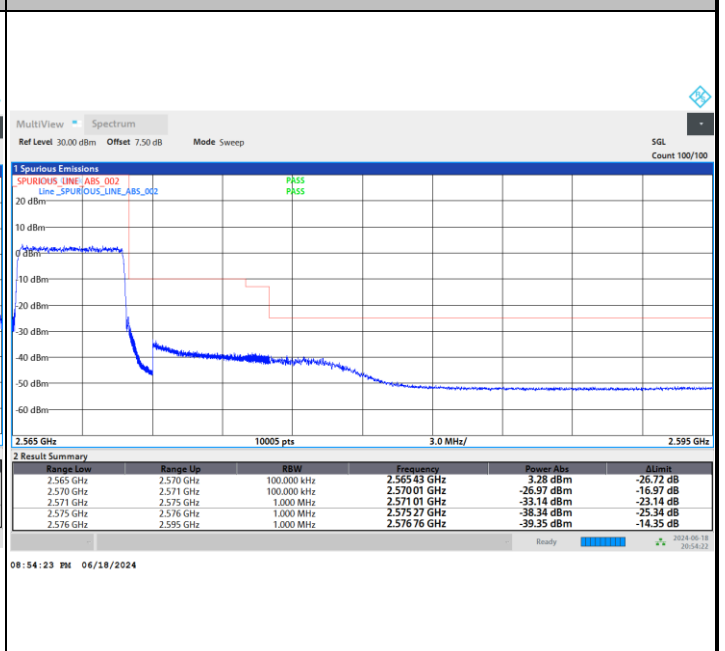
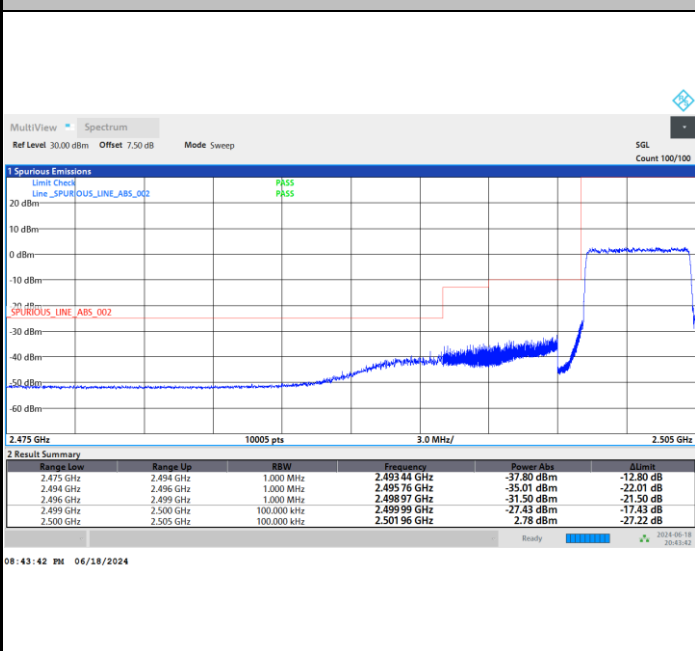
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

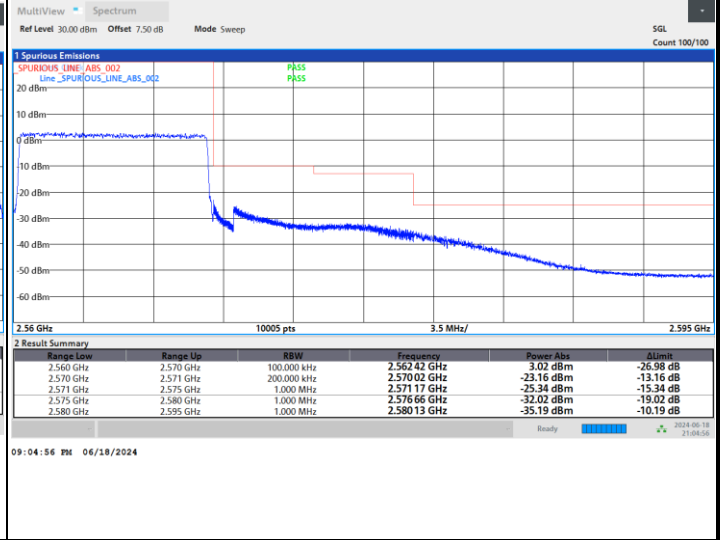
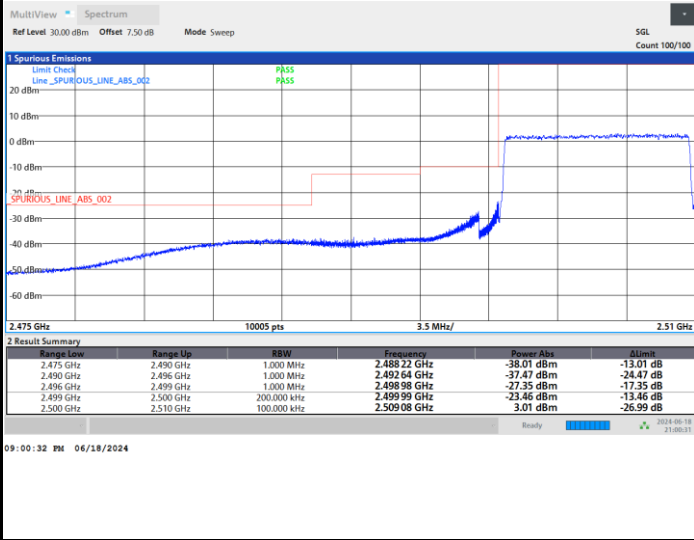




FR1 N7 / 10MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 N7 / 10MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

