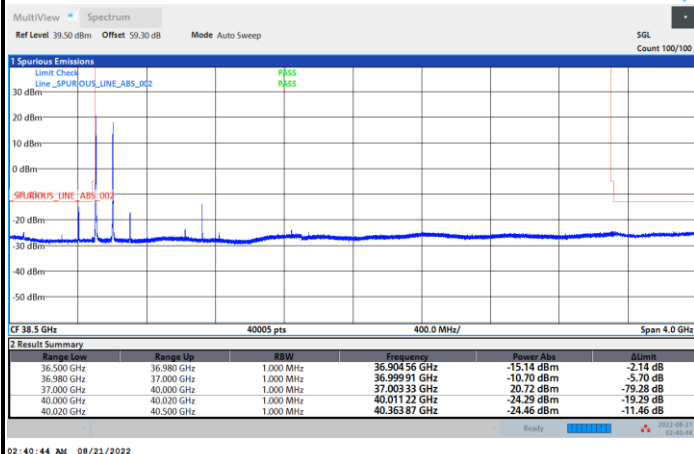




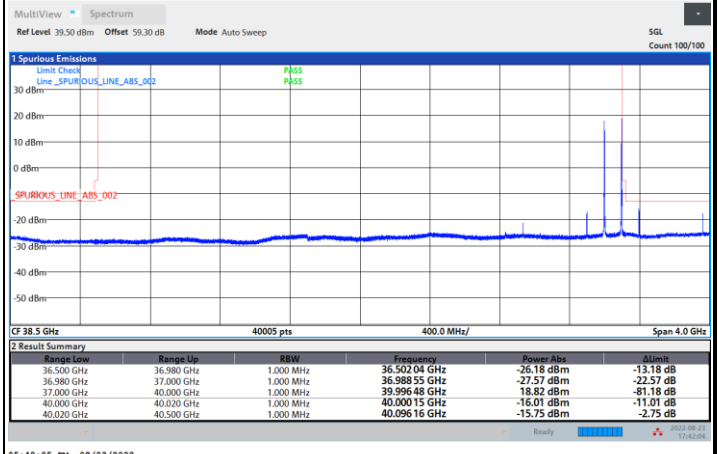
## DFT-s-OFDM Module B

## NR Band n260 / 200MHz / QPSK

## Lowest Band Edge / 1 RB

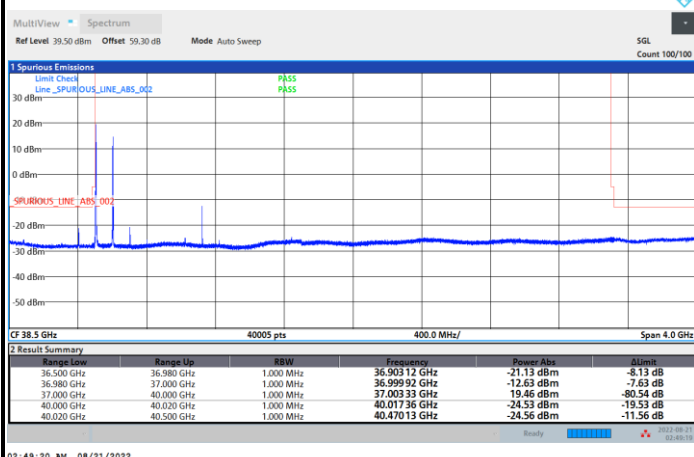


## Highest Band Edge / 1 RB

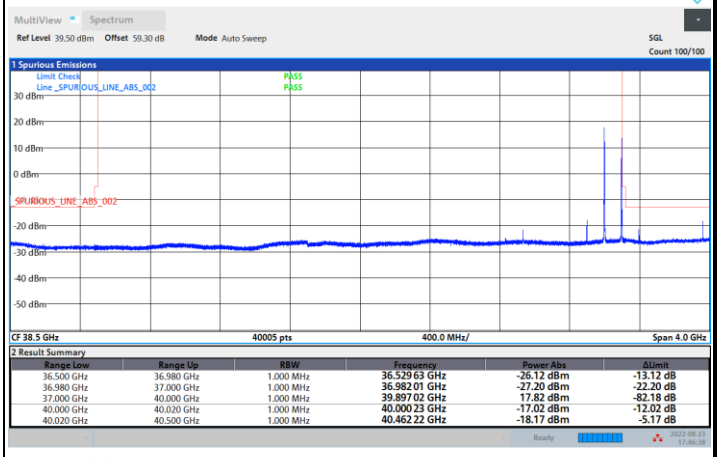


## NR Band n260 / 200MHz / 16QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



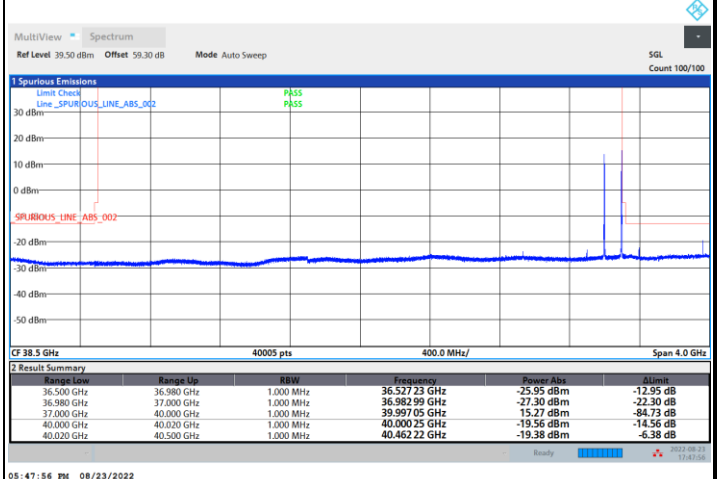
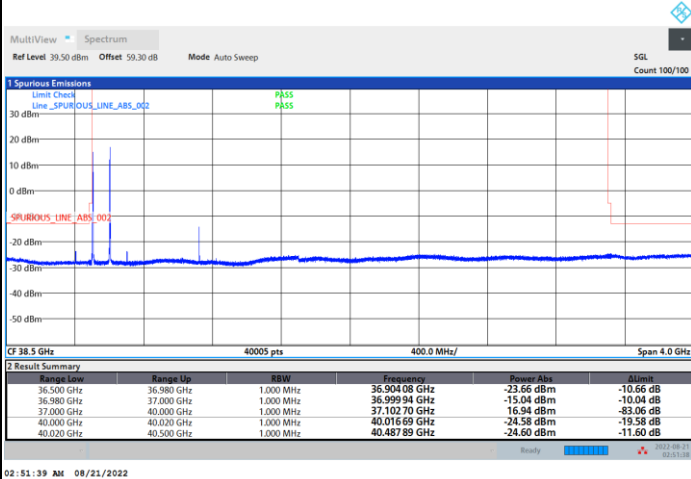


## DFT-s-OFDM Module B

## NR Band n260 / 200MHz / 64QAM

## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB

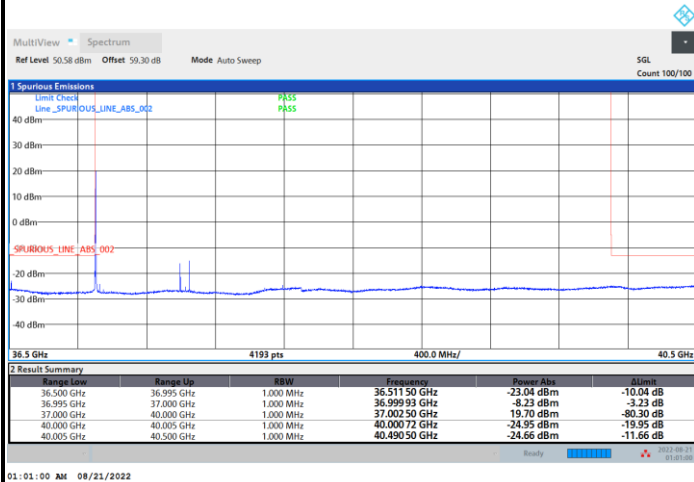




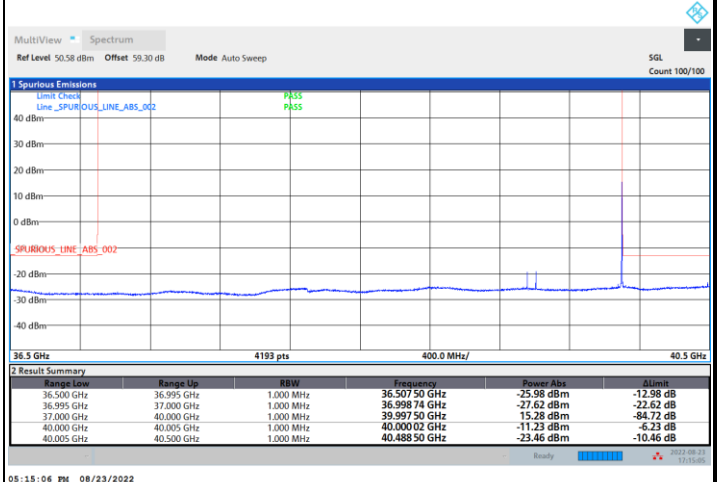
## CP-OFDM Module B

## NR Band n260 / 50MHz / QPSK

## Lowest Band Edge / 1 RB

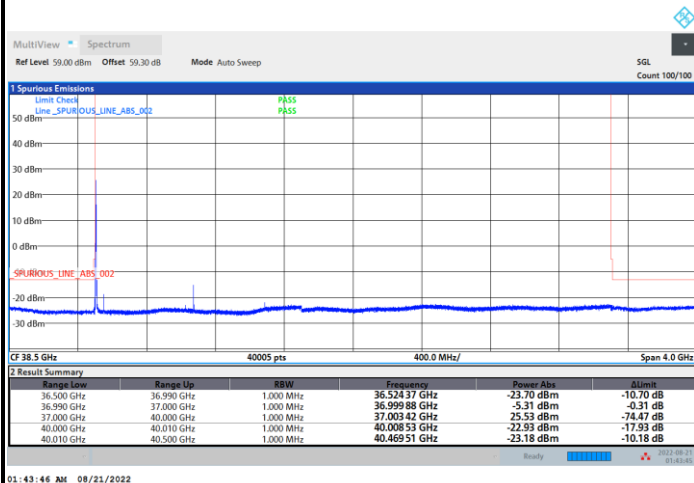


## Highest Band Edge / 1 RB

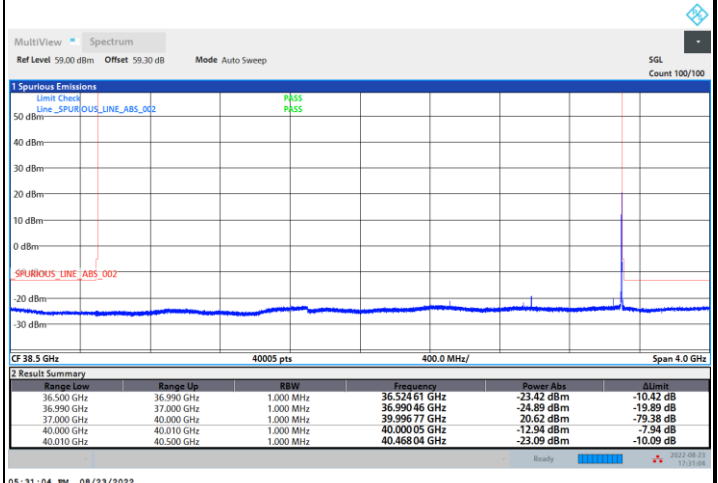


## NR Band n260 / 100MHz / QPSK

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



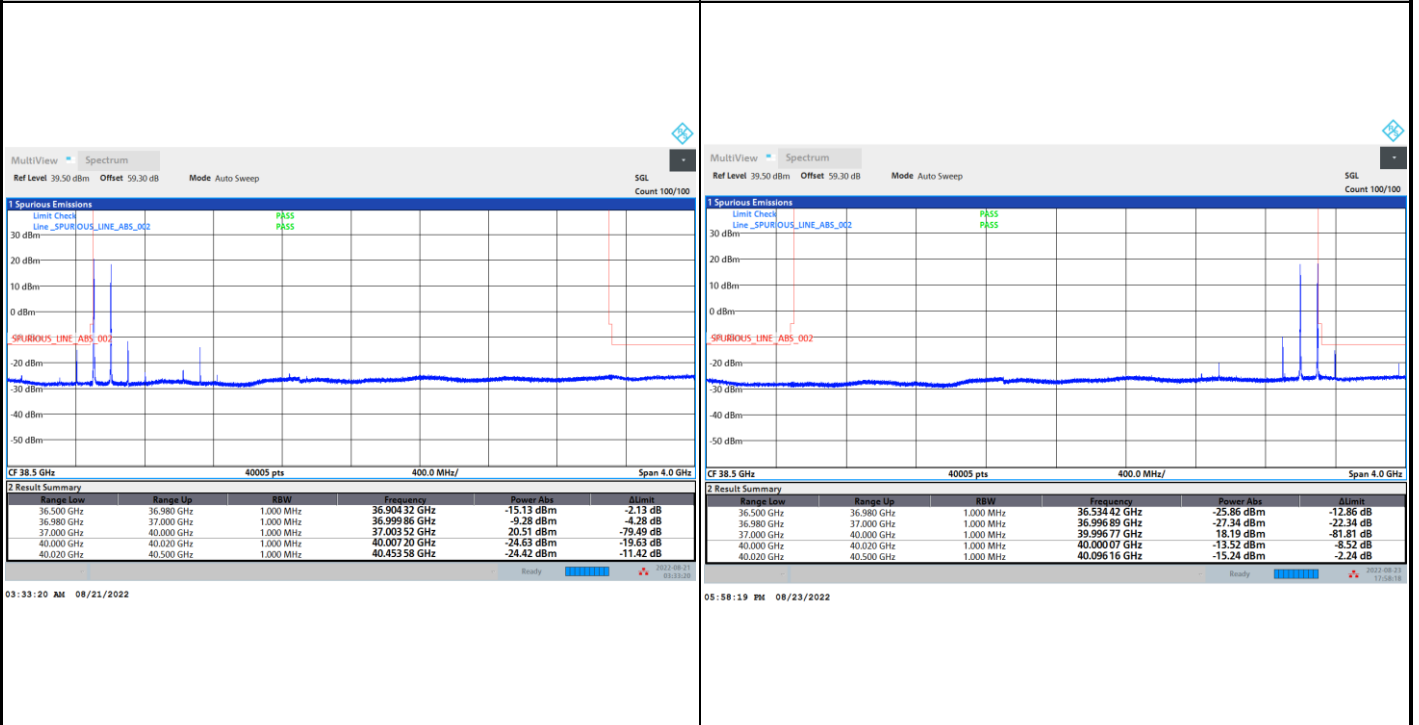


## CP-OFDM Module B

## NR Band n260 / 200MHz / QPSK

## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB

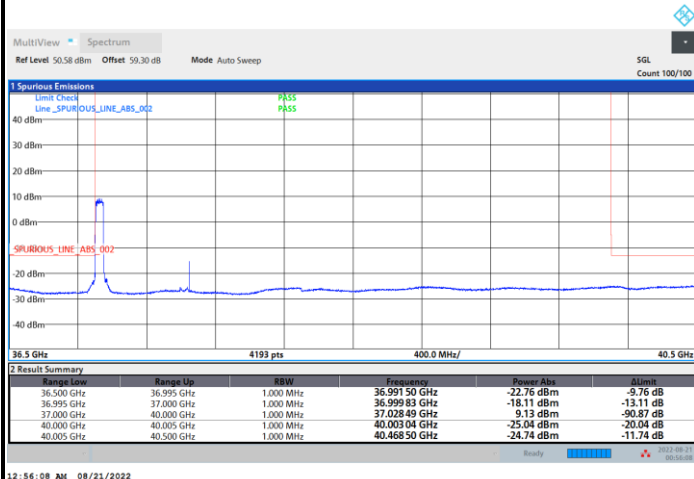




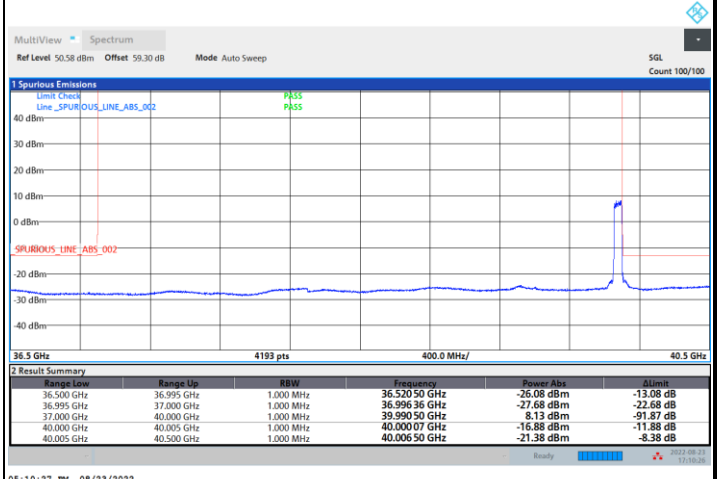
## DFT-s-OFDM Module B

## NR Band n260 / 50MHz / QPSK

## Lowest Band Edge / Full RB

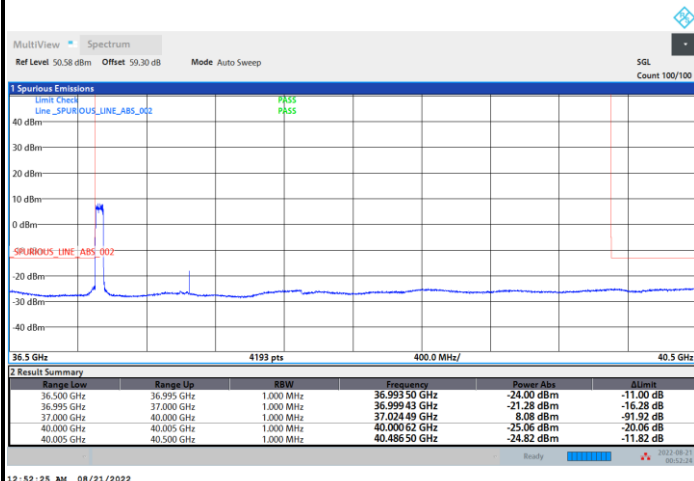


## Highest Band Edge / Full RB

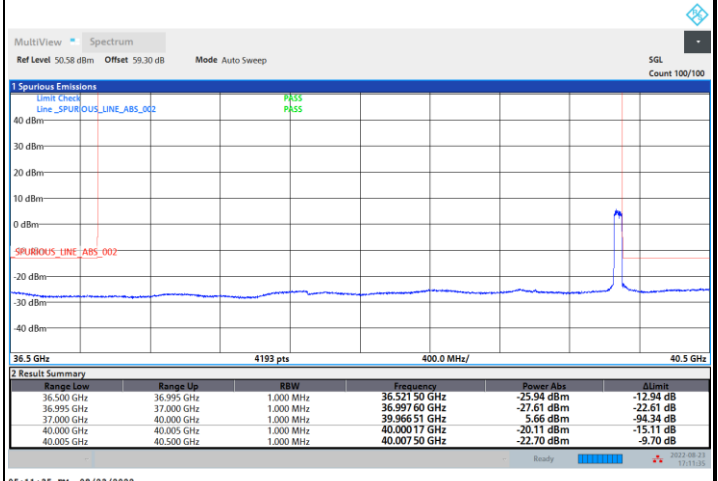


## NR Band n260 / 50MHz / 16QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

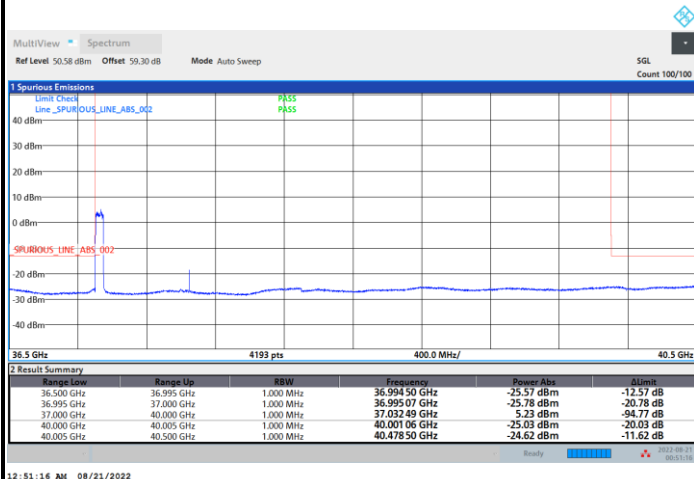




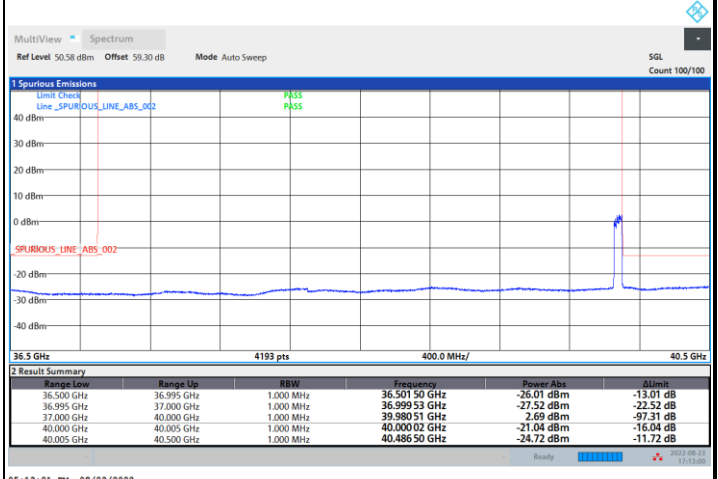
## DFT-s-OFDM Module B

## NR Band n260 / 50MHz / 64QAM

## Lowest Band Edge / Full RB

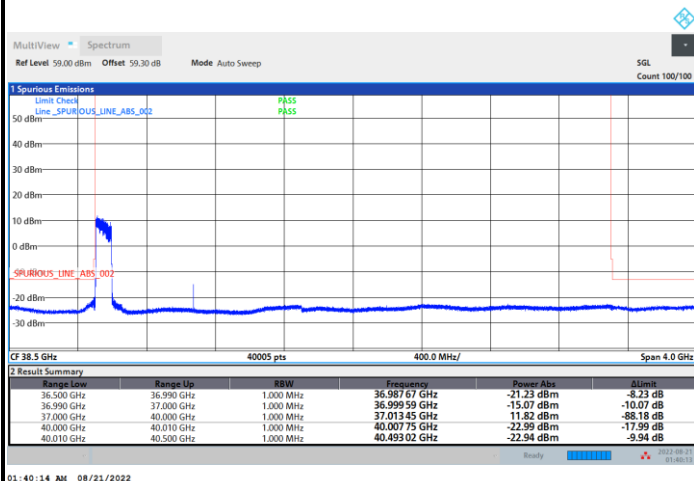


## Highest Band Edge / Full RB

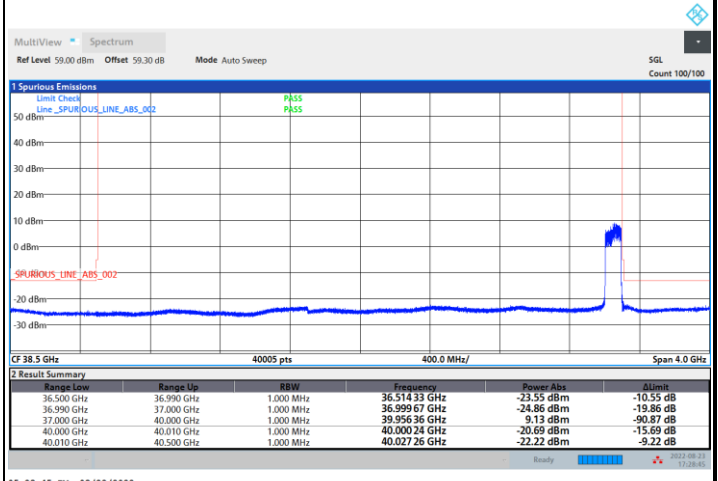


## NR Band n260 / 100MHz / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

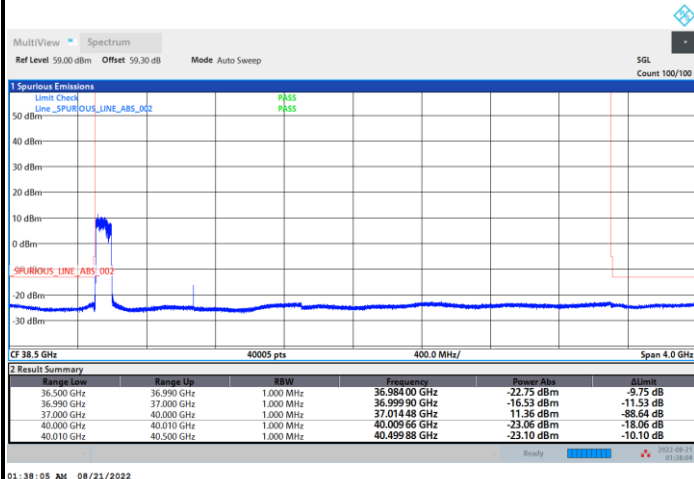




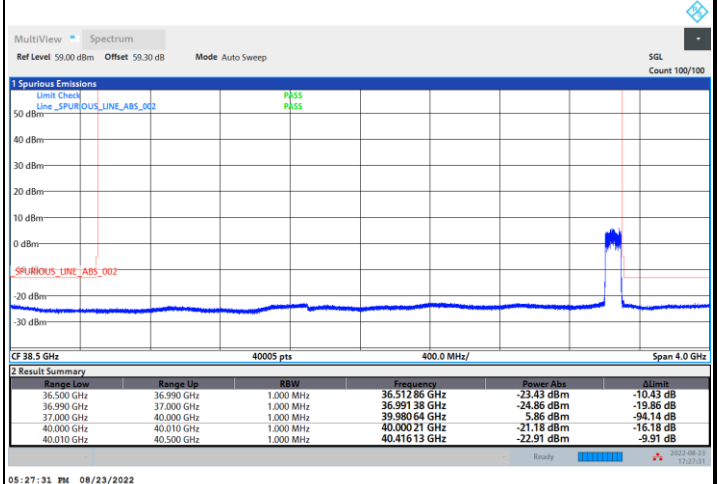
## DFT-s-OFDM Module B

## NR Band n260 / 100MHz / 16QAM

## Lowest Band Edge / Full RB

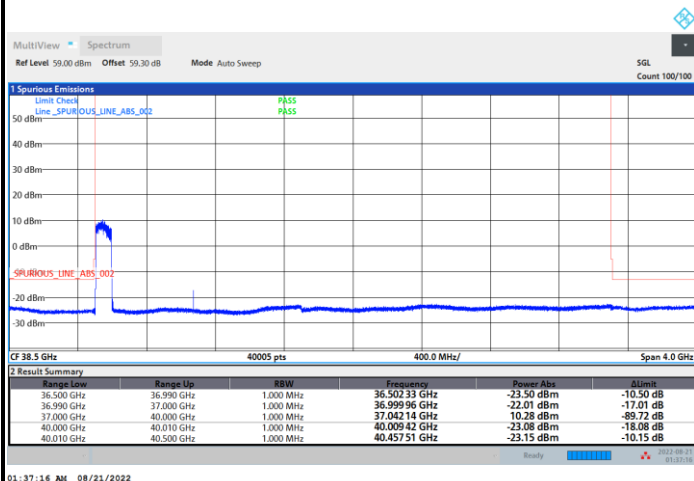


## Highest Band Edge / Full RB

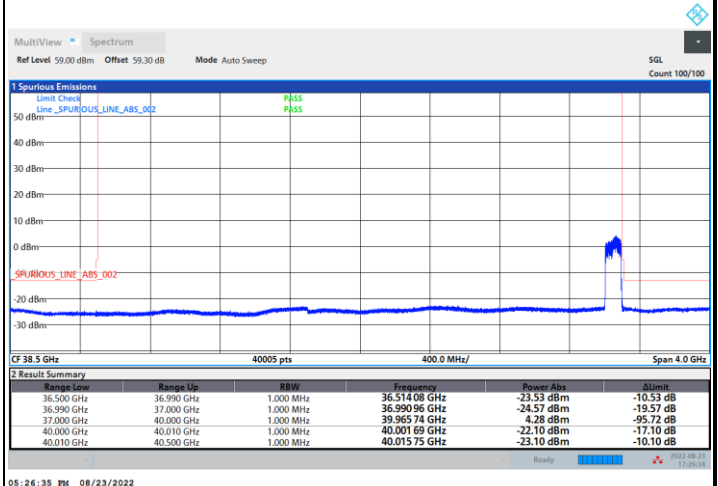


## NR Band n260 / 100MHz / 64QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB





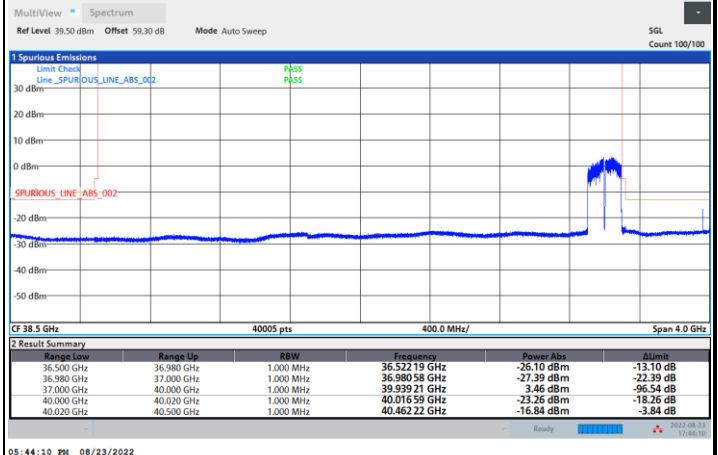
## DFT-s-OFDM Module B

## NR Band n260 / 200MHz / QPSK

## Lowest Band Edge / Full RB

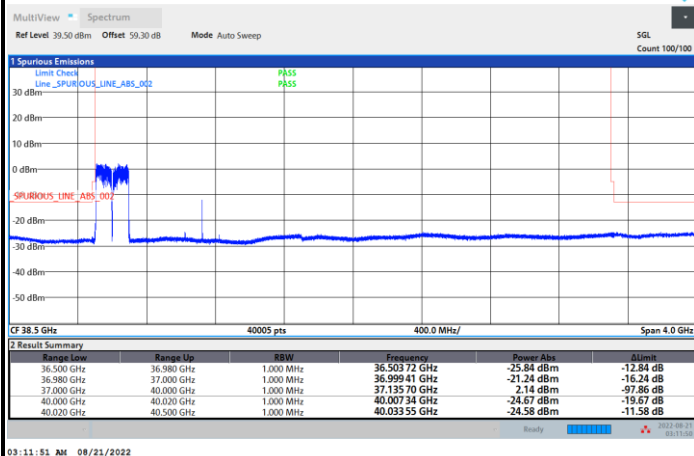


## Highest Band Edge / Full RB

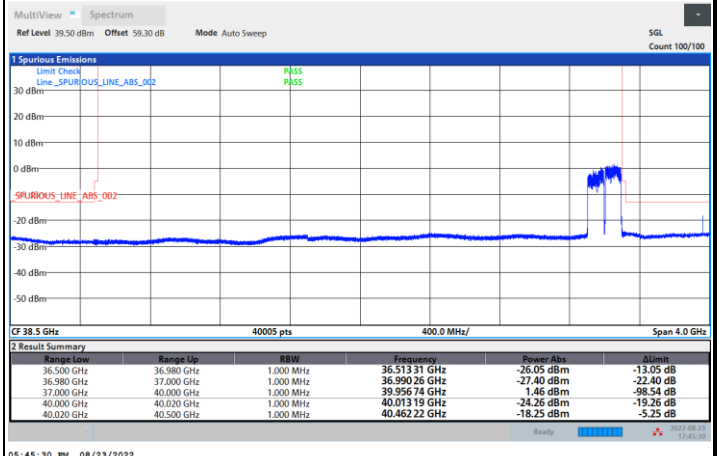


## NR Band n260 / 200MHz / 16QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



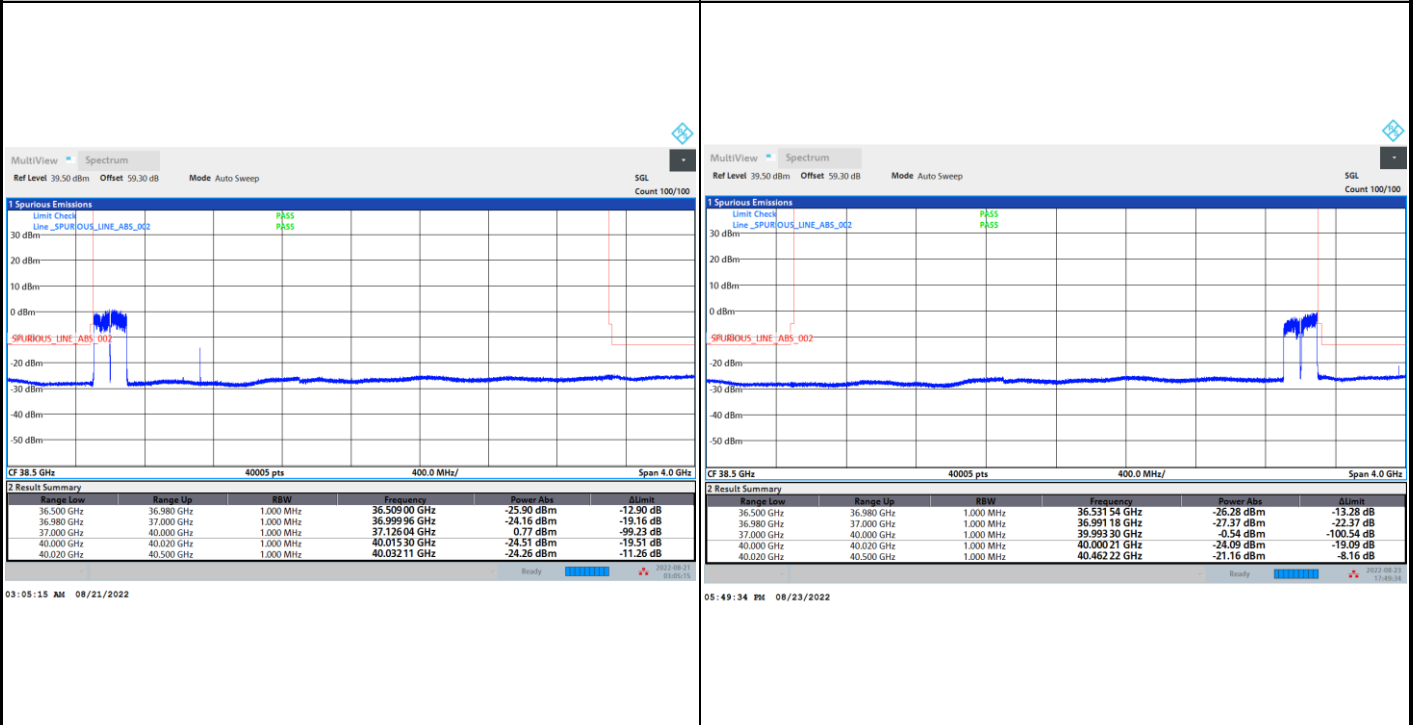


## DFT-s-OFDM Module B

## NR Band n260 / 200MHz / 64QAM

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB

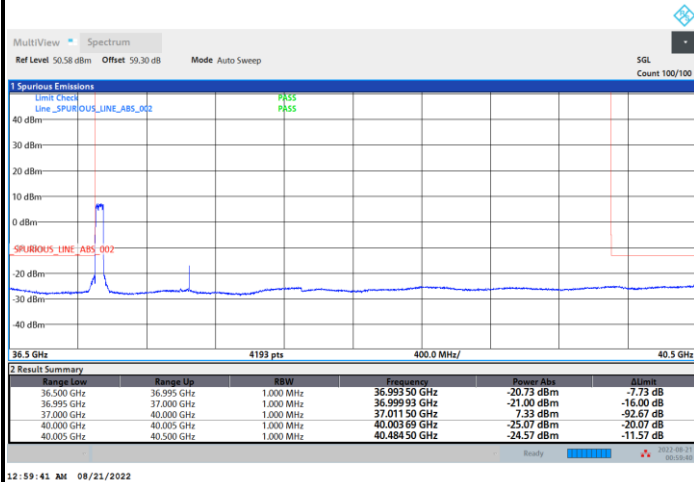




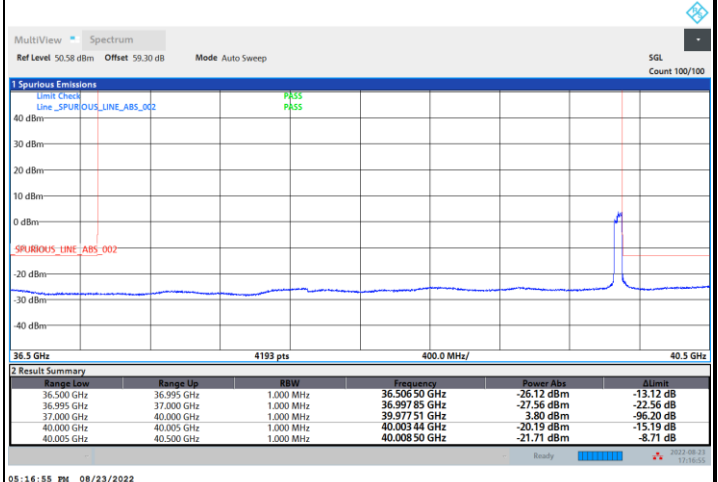
## CP-OFDM Module B

## NR Band n260 / 50MHz / QPSK

## Lowest Band Edge / Full RB

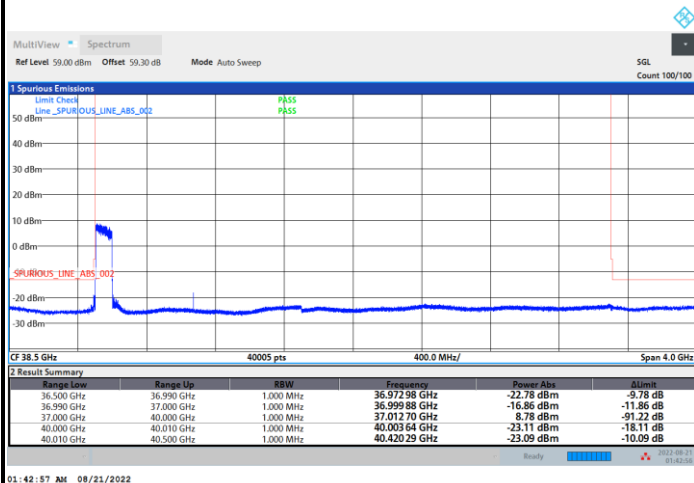


## Highest Band Edge / Full RB

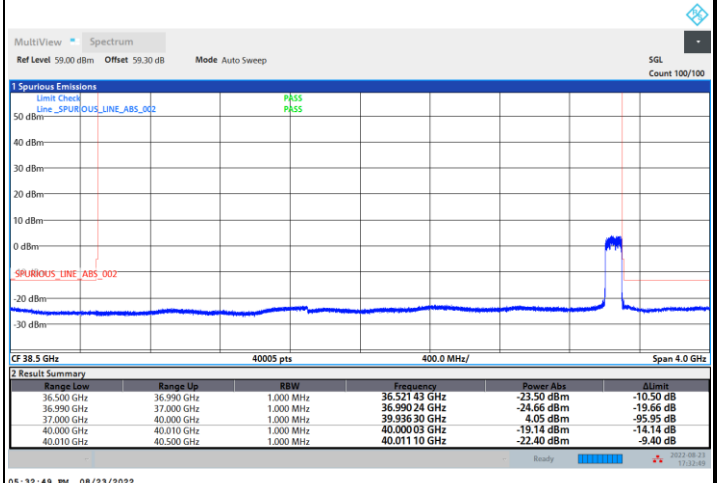


## NR Band n260 / 100MHz / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



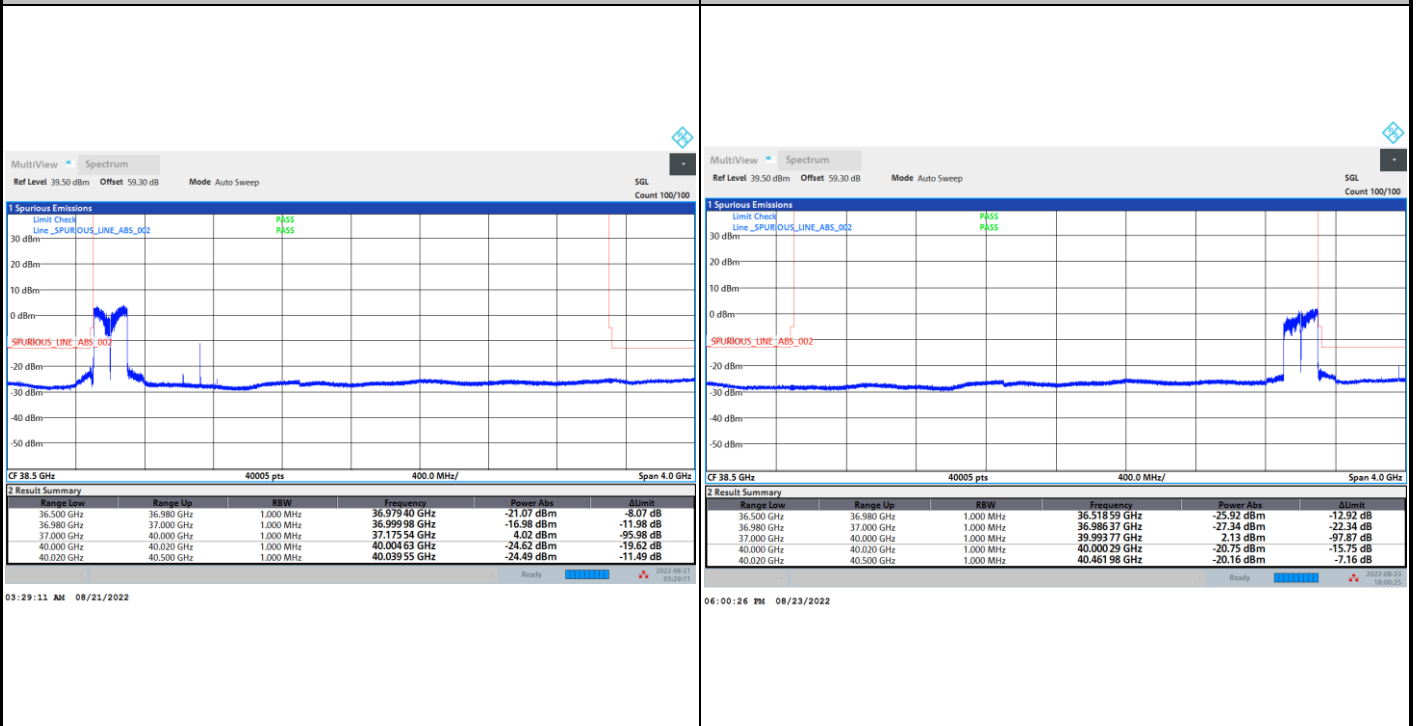


## CP-OFDM Module B

## NR Band n260 / 200MHz / QPSK

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB

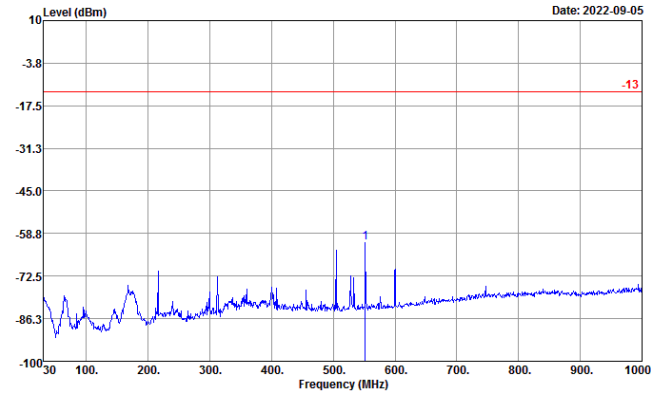




## Spurious Emission

### NR Band n260 (30MHz-1GHz)

#### Horizontal

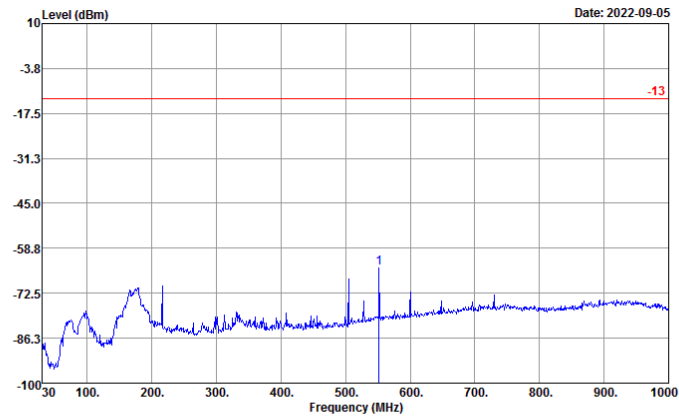


Site : 03CH10-HY  
Condition : -13 EIRP\_WO HORIZONTAL

: n260 MB

|   | Freq   | Level  | Over<br>Limit | Limit<br>Line | Read<br>Level | Factor | A/Pos | T/Pos | Remark |
|---|--------|--------|---------------|---------------|---------------|--------|-------|-------|--------|
|   | MHz    | dBm    | dB            | dBm           | dBm           | dB     | cm    | deg   |        |
| 1 | 551.86 | -61.81 | -48.81        | -13.00        | -63.40        | 1.59   | ---   | ---   | Peak   |

#### Vertical



Site : 03CH10-HY  
Condition : -13 EIRP\_WO VERTICAL

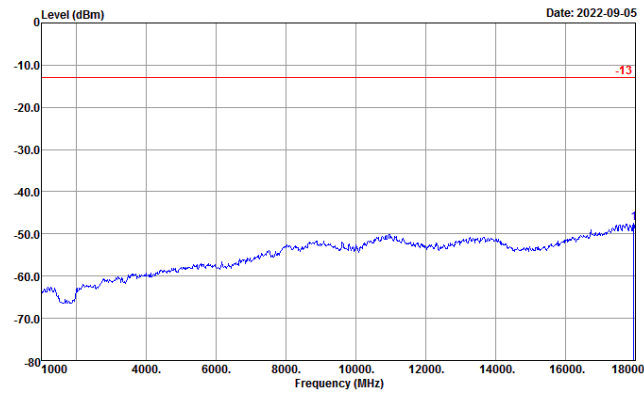
: n260 MB

|   | Freq   | Level  | Over<br>Limit | Limit<br>Line | Read<br>Level | Factor | A/Pos | T/Pos | Remark |
|---|--------|--------|---------------|---------------|---------------|--------|-------|-------|--------|
|   | MHz    | dBm    | dB            | dBm           | dBm           | dB     | cm    | deg   |        |
| 1 | 551.86 | -64.73 | -51.73        | -13.00        | -69.04        | 4.31   | ---   | ---   | Peak   |



## NR Band n260 (1GHz-18GHz)

## Horizontal

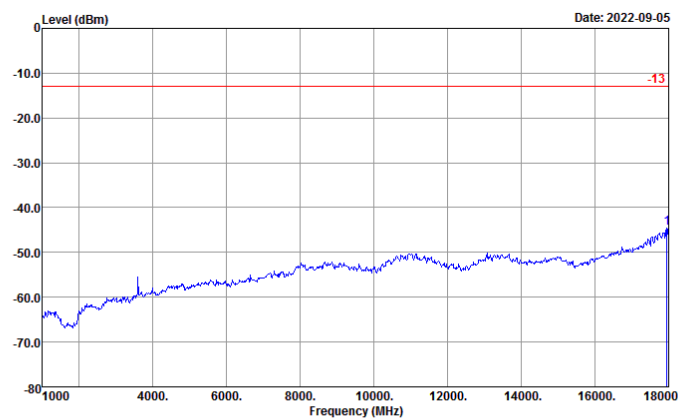


Site : 03CH10-HY  
Condition : -13 EIRP\_WO HORIZONTAL

: n260 MB

| Freq | Level    | Over   | Limit  | Read   | A/Pos  | T/Pos | Remark   |
|------|----------|--------|--------|--------|--------|-------|----------|
| MHz  | dBm      | Limit  | Line   | Level  | Factor | cm    | deg      |
| 1    | 17949.00 | -47.57 | -34.57 | -13.00 | -61.74 | 14.17 | --- Peak |

## Vertical



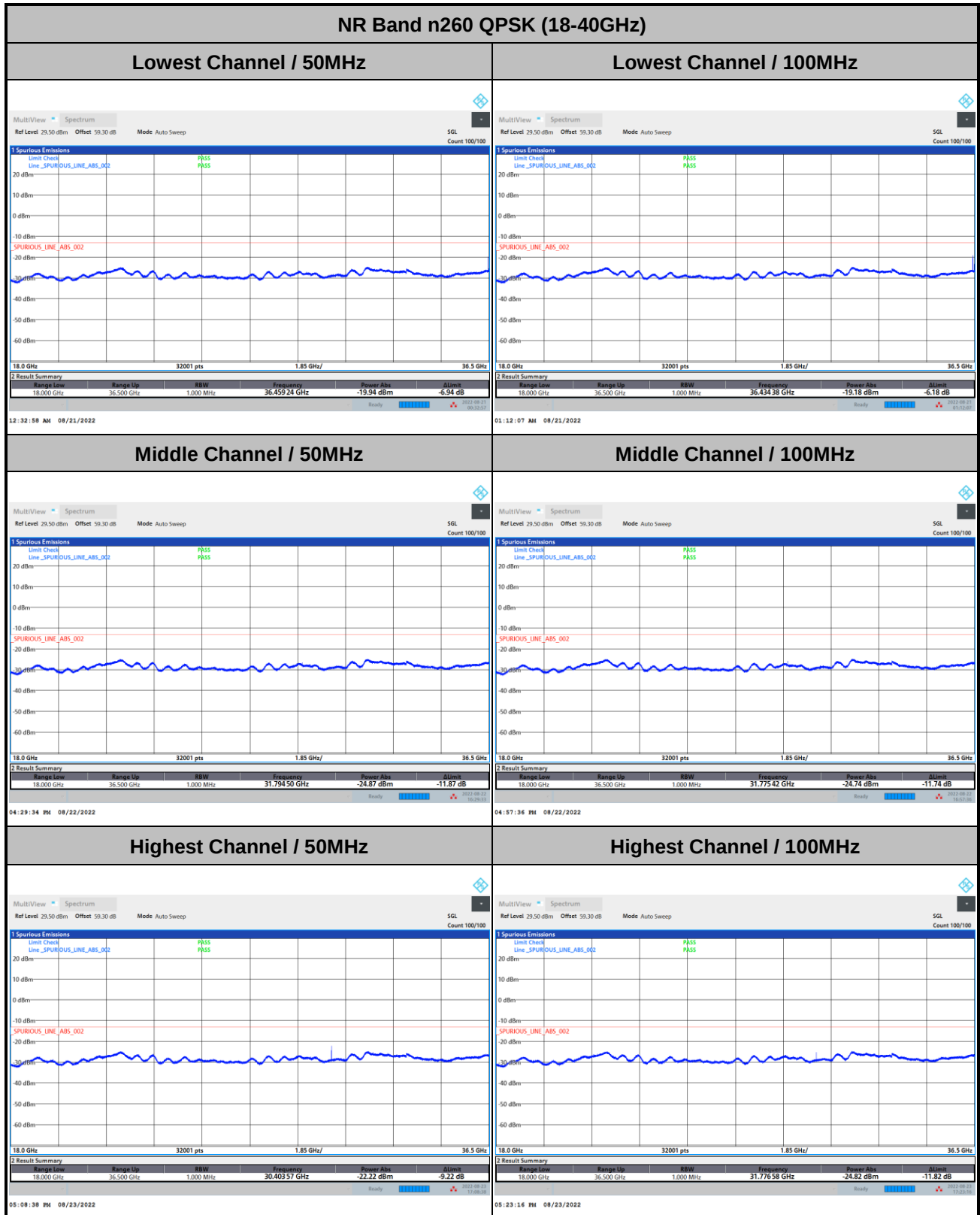
Site : 03CH10-HY  
Condition : -13 EIRP\_WO VERTICAL

: n260 MB

| Freq | Level    | Over   | Limit  | Read   | A/Pos  | T/Pos | Remark   |
|------|----------|--------|--------|--------|--------|-------|----------|
| MHz  | dBm      | Limit  | Line   | Level  | Factor | cm    | deg      |
| 1    | 17949.00 | -44.47 | -31.47 | -13.00 | -61.55 | 17.08 | --- Peak |



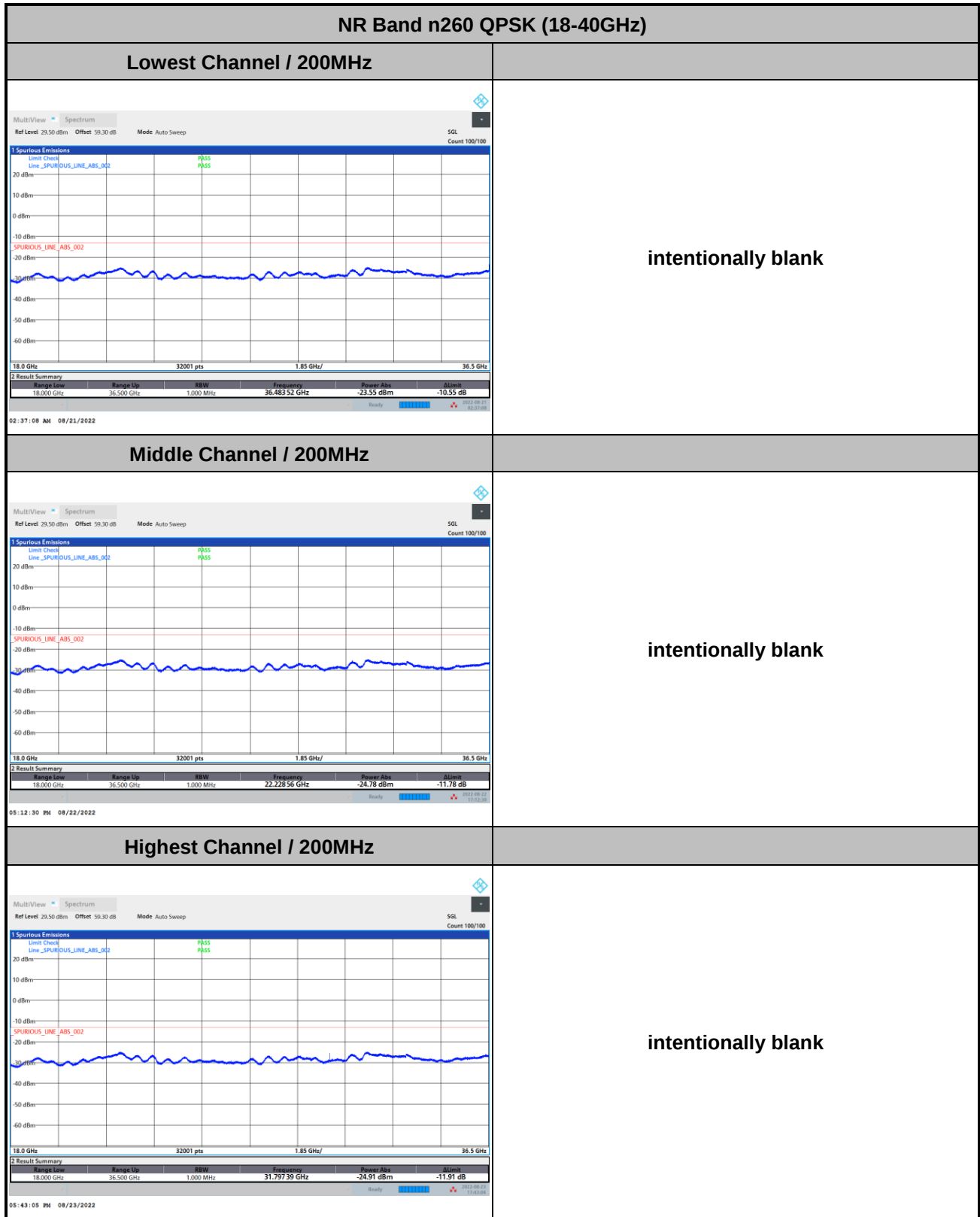
## DFT-s-OFDM Module B



Remark: In band and out of band frequencies are omitted.



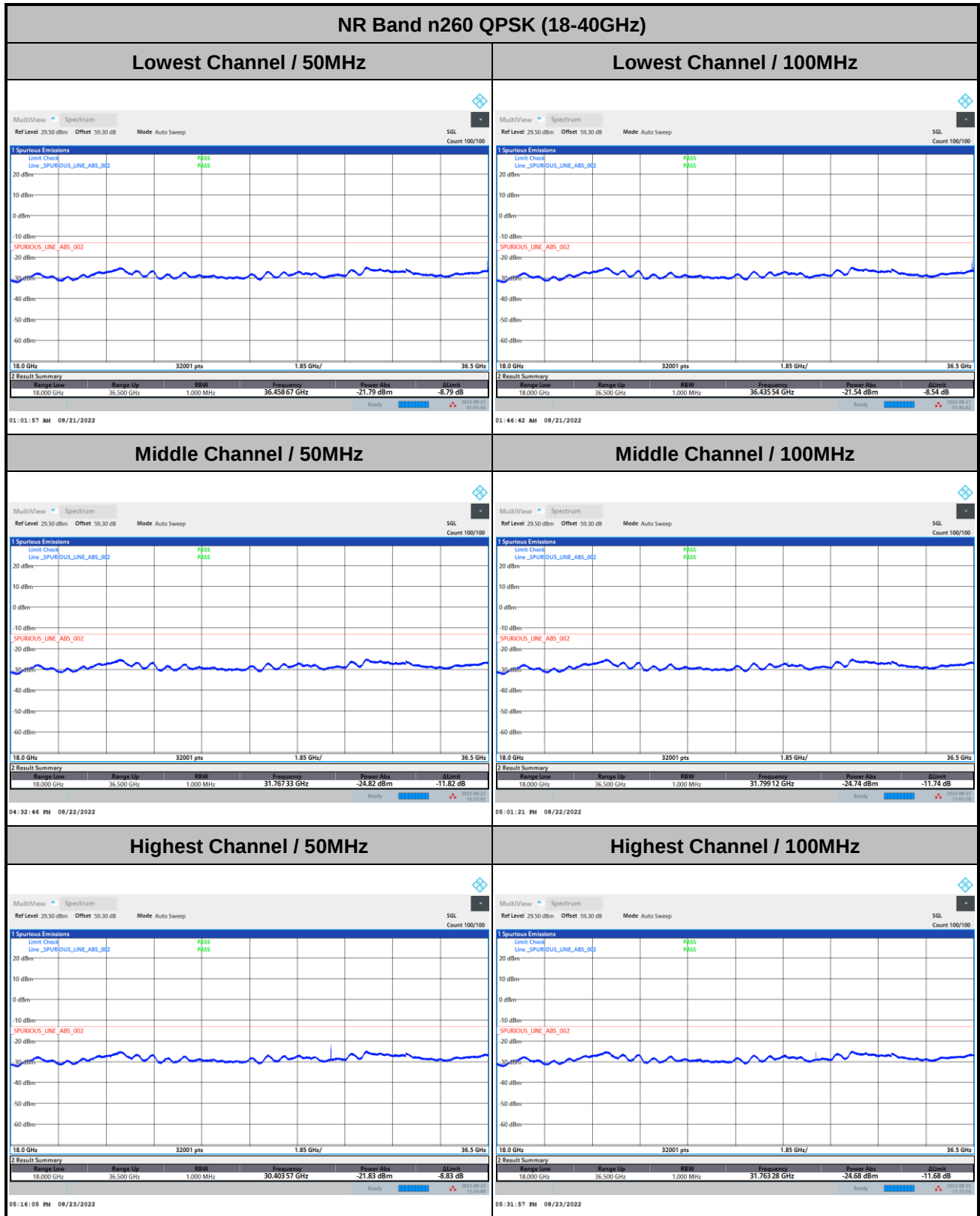
## DFT-s-OFDM Module B



Remark: In band and out of band frequencies are omitted.



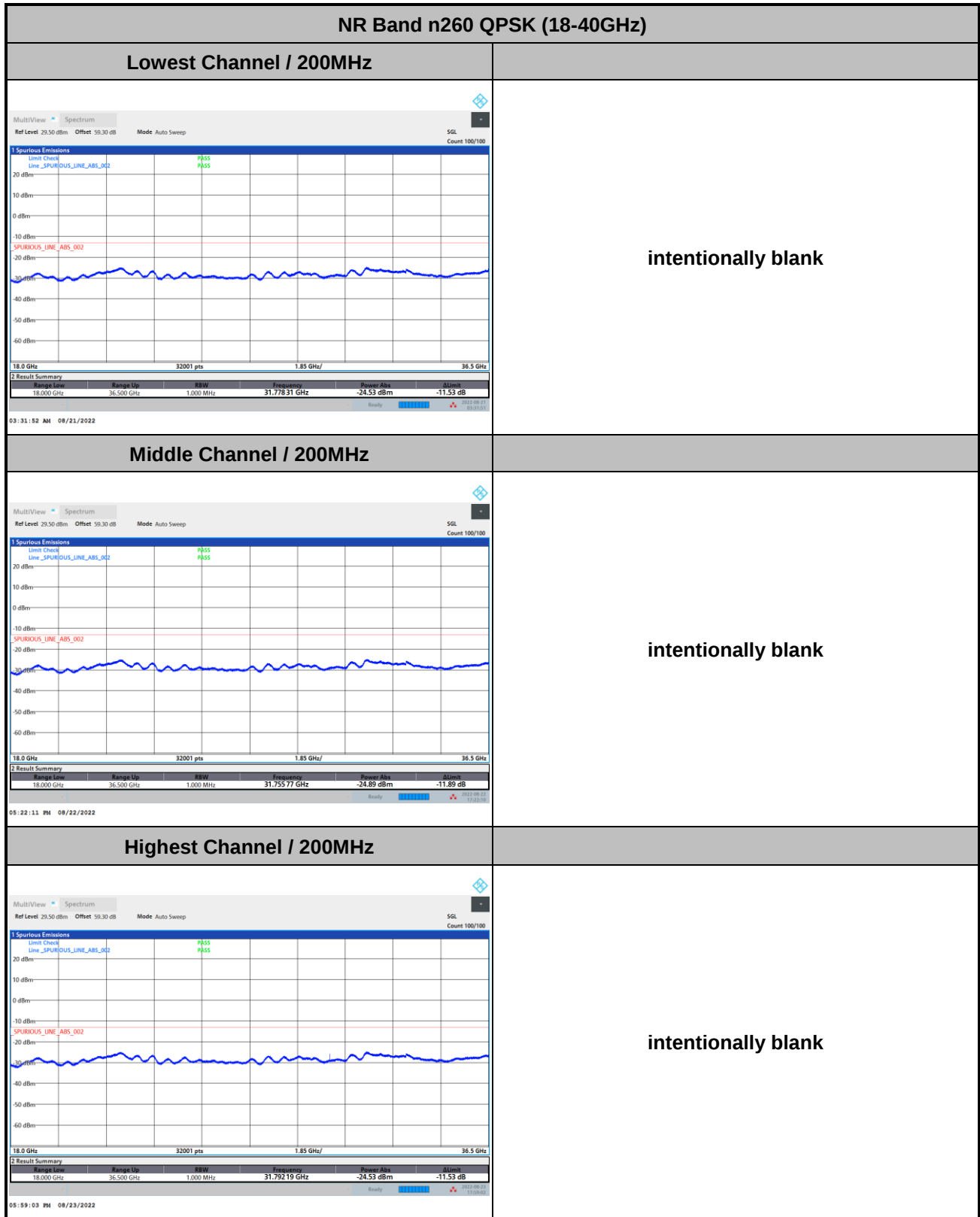
## CP-OFDM Module B



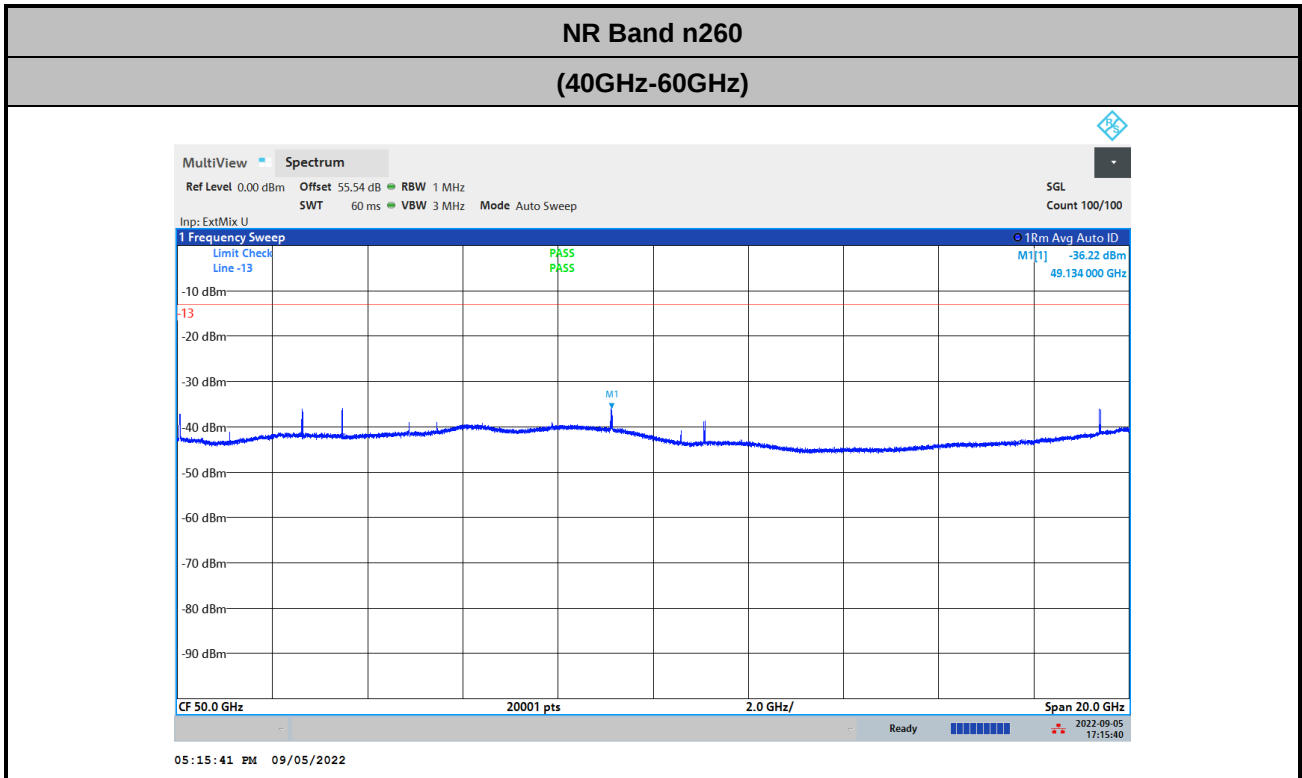
Remark: In band and out of band frequencies are omitted.



## CP-OFDM Module B



Remark: In band and out of band frequencies are omitted.



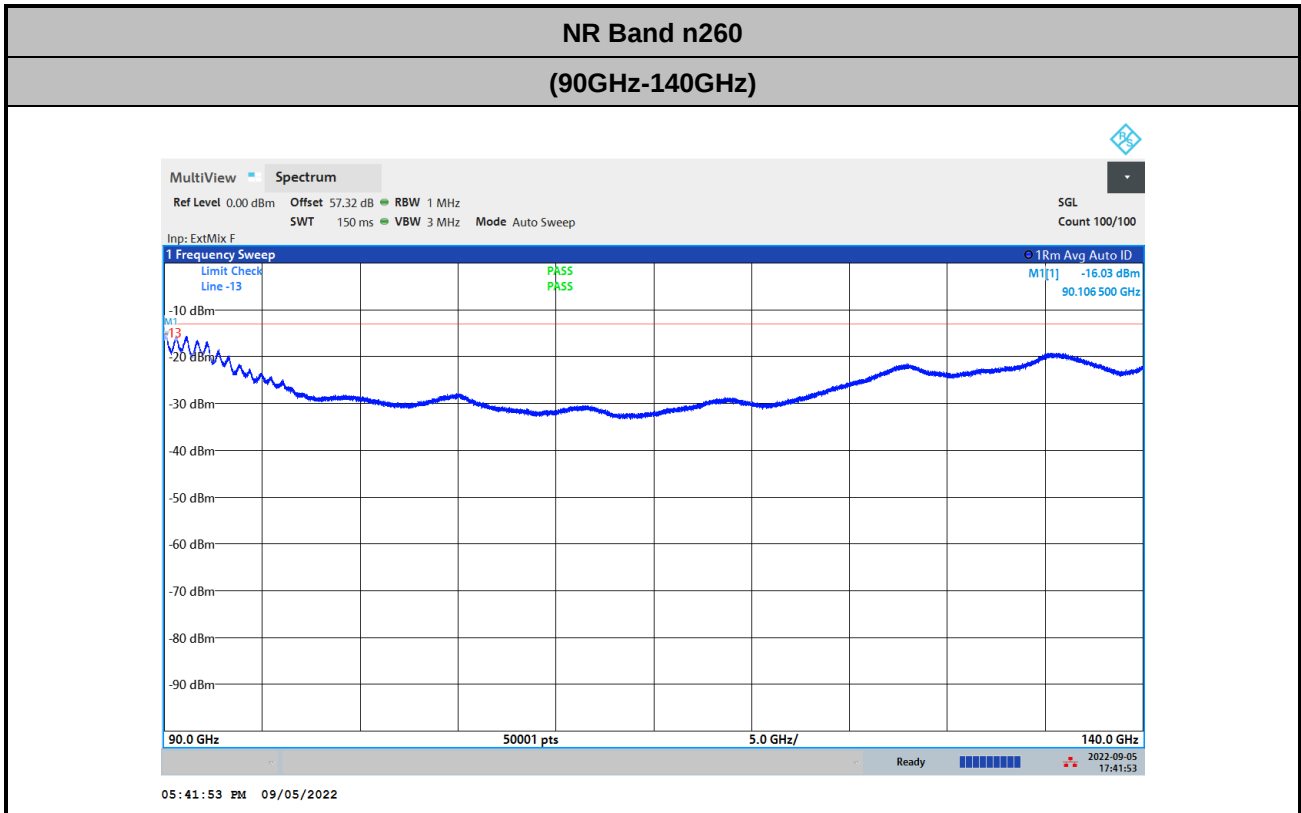
Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8 + Duty Factor  
 = 43 + 0.43 + 107 + 20log(1) – 104.8 + 9.91= 55.54(dB)

**NR Band n260**
**(60GHz-90GHz)**


05:27:34 PM 09/05/2022

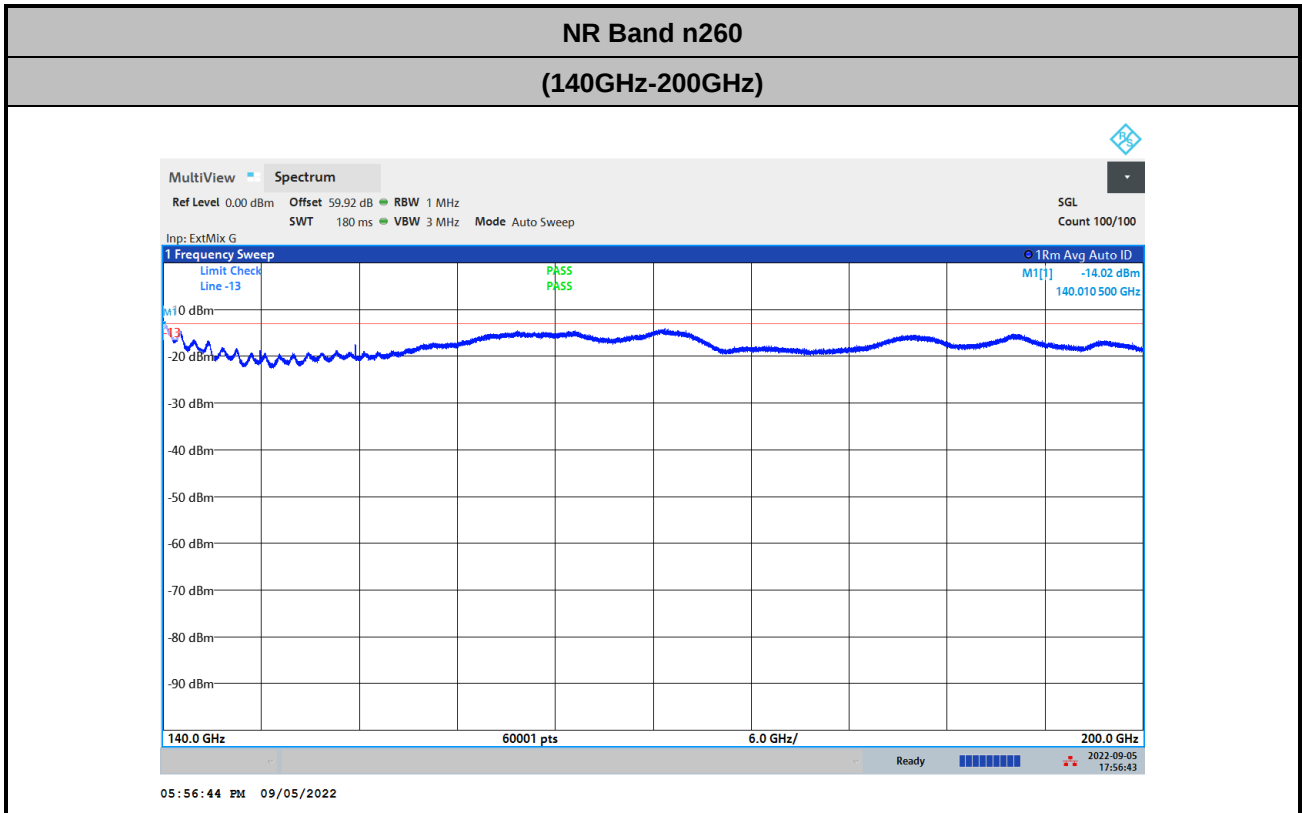
Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8 + Duty Factor

= 46.9 + 0.43 + 107 + 20log(1) – 104.8 + 9.91 = 59.44 (dB)



$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + \text{Duty Factor}$$

$$= 50.80 + 0.43 + 107 + 20\log(0.5) - 104.8 + 9.91 = 57.32 \text{ (dB)}$$



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8 + Duty Factor  
 = 53.4 + 0.43 + 107 + 20log(0.5) – 104.8 + 9.91= 59.92(dB)

## Frequency Stability

| Test Conditions  |                   | NR Band n260 / Middle Channel |                 |                 | Limit   |
|------------------|-------------------|-------------------------------|-----------------|-----------------|---------|
| Temperature (°C) | Voltage (Volt)    | CW tone                       |                 |                 | Note 2. |
|                  |                   | Frequency (GHz)               | Deviation (kHz) | Deviation (ppm) | Result  |
| 50               | Normal Voltage    | 38.501051                     | -2.500          | 0.065           | Pass    |
| 40               | Normal Voltage    | 38.5010505                    | -2.000          | 0.052           |         |
| 30               | Normal Voltage    | 38.5010505                    | -2.000          | 0.052           |         |
| 20(Ref.)         | Normal Voltage    | 38.5010485                    | 0.000           | 0.000           |         |
| 10               | Normal Voltage    | 38.501051                     | -2.500          | 0.065           |         |
| 0                | Normal Voltage    | 38.501051                     | -2.500          | 0.065           |         |
| -10              | Normal Voltage    | 38.501051                     | -2.500          | 0.065           |         |
| -20              | Normal Voltage    | 38.501051                     | -2.500          | 0.065           |         |
| -30              | Normal Voltage    | 38.5010505                    | -2.000          | 0.052           |         |
| 20               | Maximum Voltage   | 38.5010505                    | -2.000          | 0.052           |         |
| 20               | Normal Voltage    | 38.501047                     | 1.500           | 0.039           |         |
| 20               | Battery End Point | 38.50105                      | -1.500          | 0.039           |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the operation band.



## NR Band n261 Module A AGH+V

### Occupied Bandwidth

| Mode       | DFT-s-OFDM Module A NR Band n261 : 99%OBW(MHz) |       |       |        |       |       |        |        |        |
|------------|------------------------------------------------|-------|-------|--------|-------|-------|--------|--------|--------|
| BW         | 50MHz                                          |       |       | 100MHz |       |       | 200MHz |        |        |
| Mod.       | QPSK                                           | 16QAM | 64QAM | QPSK   | 16QAM | 64QAM | QPSK   | 16QAM  | 64QAM  |
| Lowest CH  | 46.15                                          | 45.83 | 45.75 | 91.31  | 91.38 | 91.43 | 190.00 | 189.84 | 190.02 |
| Middle CH  | 46.20                                          | 46.02 | 45.78 | 91.22  | 91.11 | 91.18 | 189.36 | 189.80 | 189.22 |
| Highest CH | 45.98                                          | 45.85 | 45.75 | 91.55  | 91.09 | 91.30 | 189.42 | 189.33 | 189.47 |

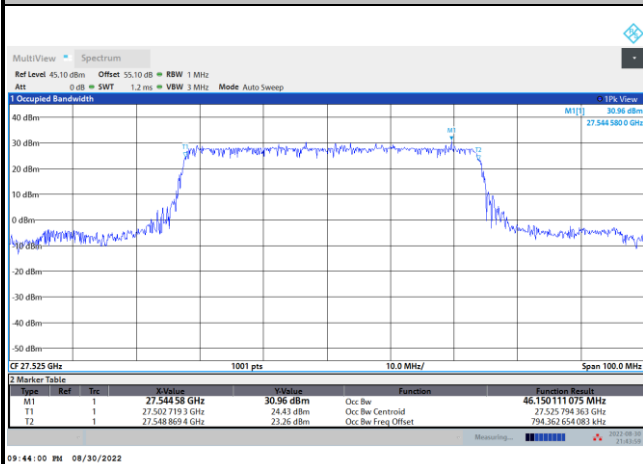
| Mode       | CP-OFDM Module A NR Band n261 : 99%OBW(MHz) |        |        |
|------------|---------------------------------------------|--------|--------|
| BW         | 50MHz                                       | 100MHz | 200MHz |
| Mod.       | QPSK                                        | QPSK   | QPSK   |
| Lowest CH  | 46.03                                       | 94.43  | 193.01 |
| Middle CH  | 45.97                                       | 94.09  | 193.17 |
| Highest CH | 46.08                                       | 94.32  | 192.75 |



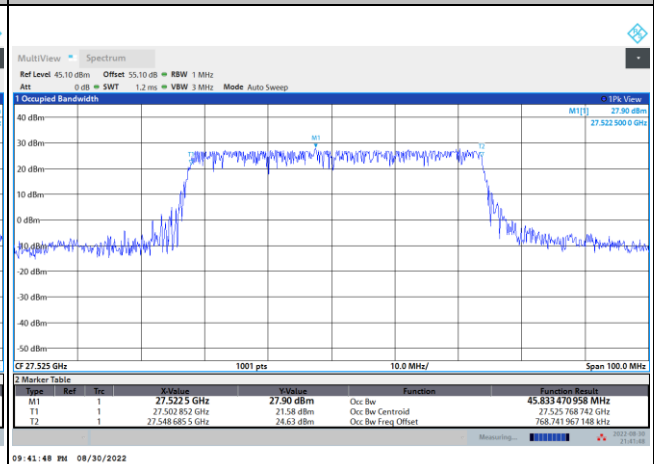
## DFT-s-OFDM Module A

## NR Band n261

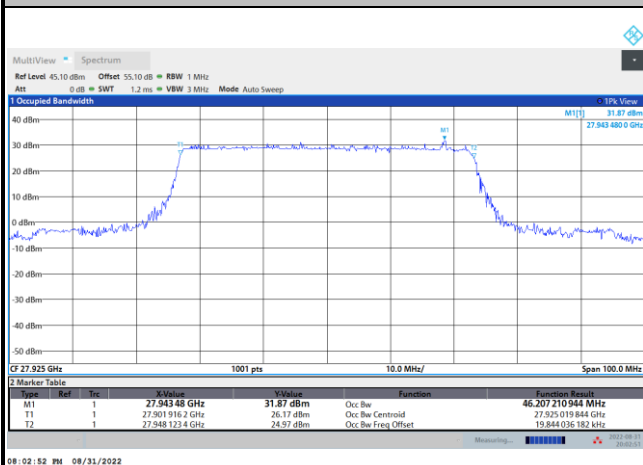
## Lowest Channel / 50MHz / QPSK



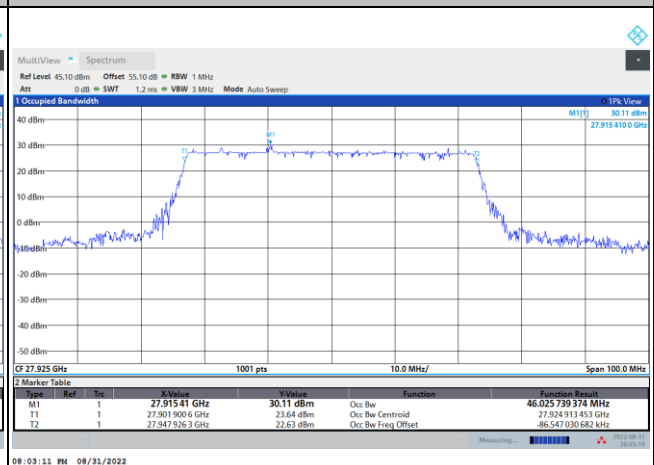
## Lowest Channel / 50MHz / 16QAM



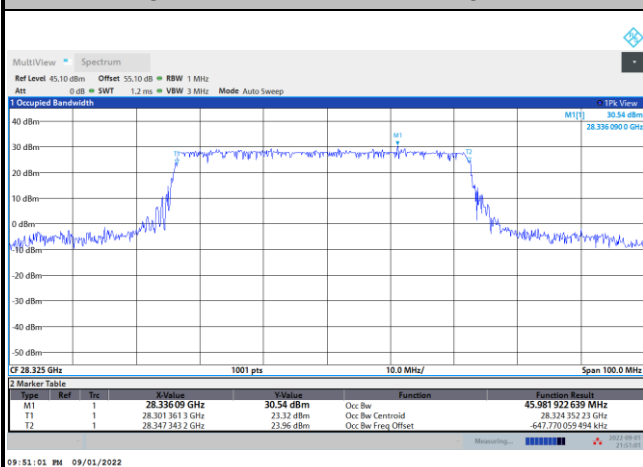
## Middle Channel / 50MHz / QPSK



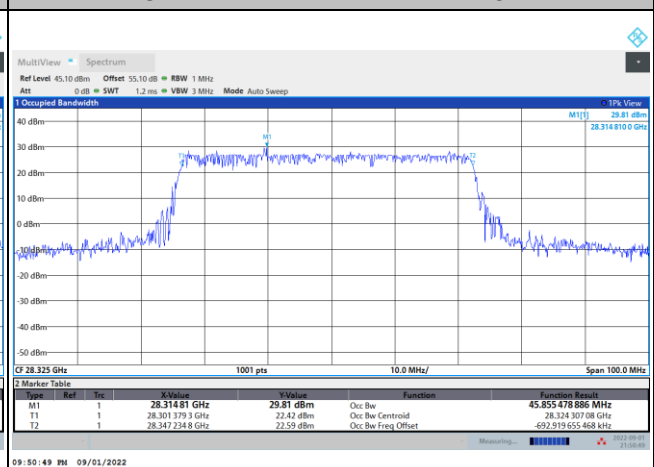
## Middle Channel / 50MHz / 16QAM



## Highest Channel / 50MHz / QPSK



## Highest Channel / 50MHz / 16QAM

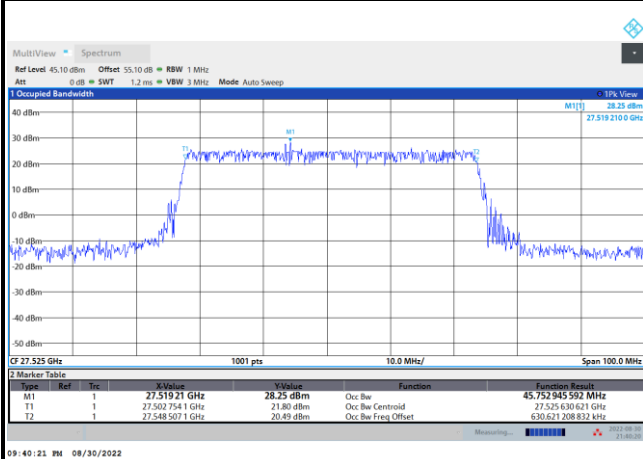




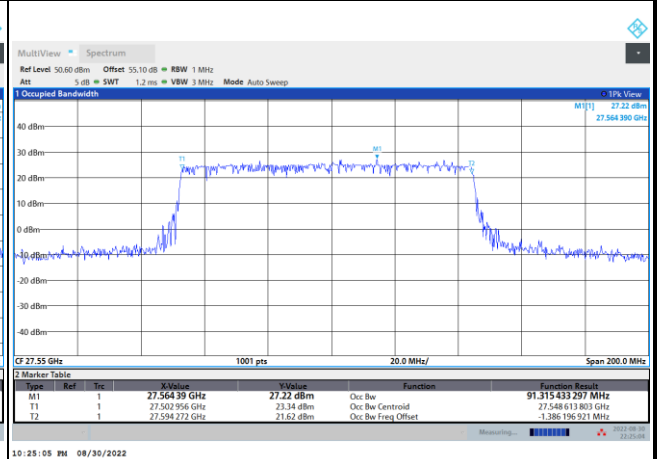
## DFT-s-OFDM Module A

## NR Band n261

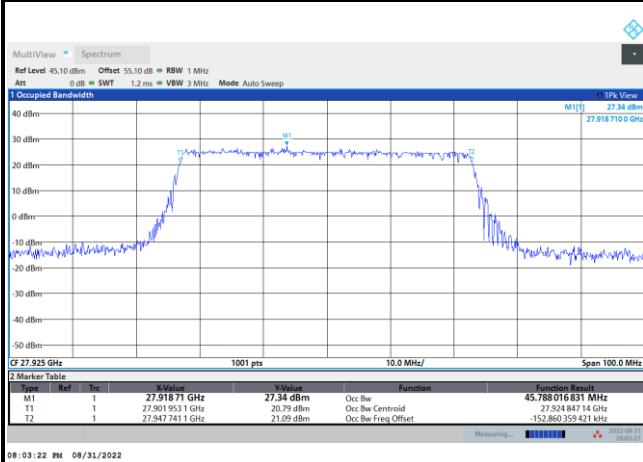
## Lowest Channel / 50MHz / 64QAM



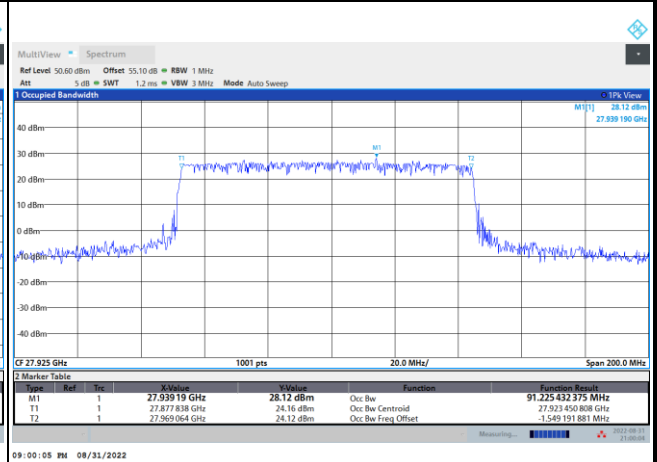
## Lowest Channel / 100MHz / QPSK



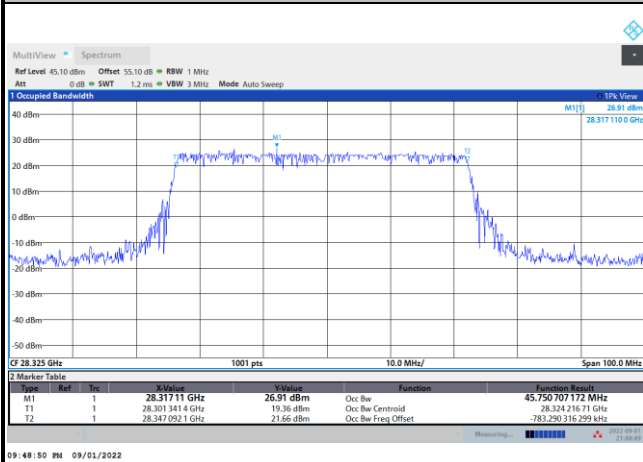
## Middle Channel / 50MHz / 64QAM



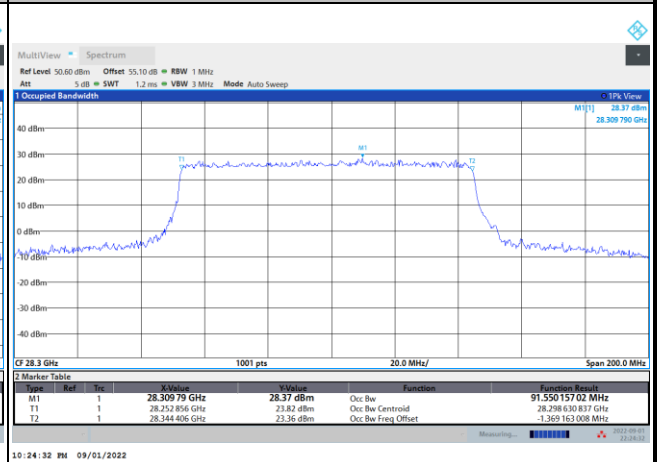
## Middle Channel / 100MHz / QPSK



## Highest Channel / 50MHz / 64QAM



## Highest Channel / 100MHz / QPSK

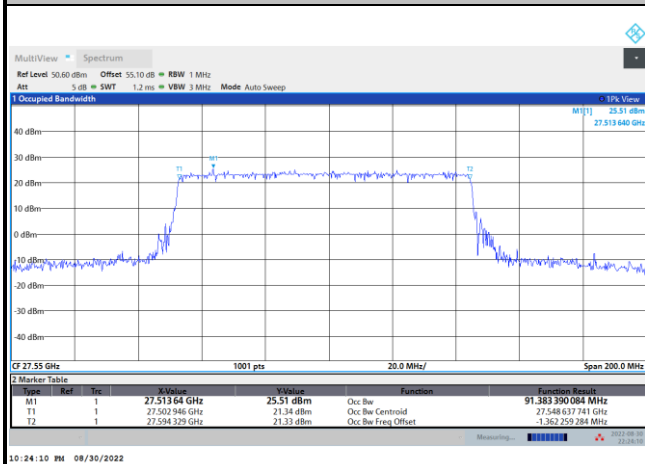




## DFT-s-OFDM Module A

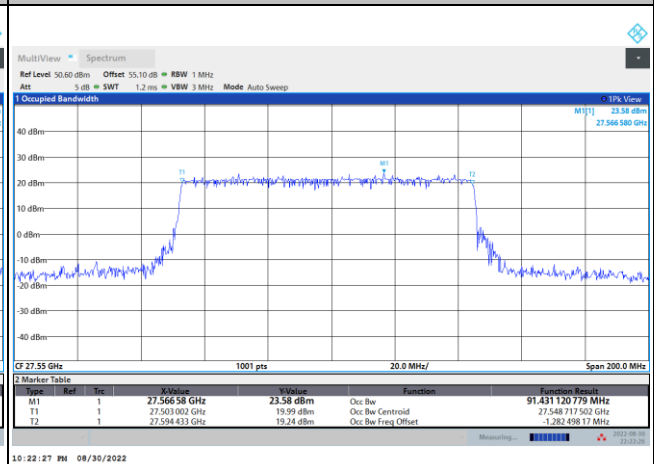
## NR Band n261

## Lowest Channel / 100MHz / 16QAM



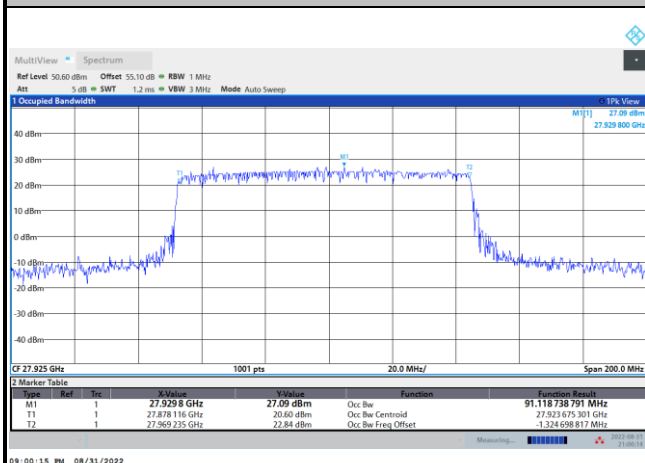
10:24:10 PM 08/30/2022

## Lowest Channel / 100MHz / 64QAM



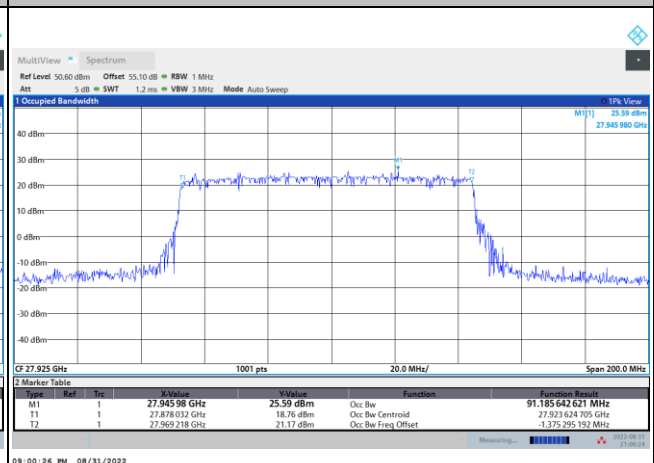
10:22:27 PM 08/30/2022

## Middle Channel / 100MHz / 16QAM



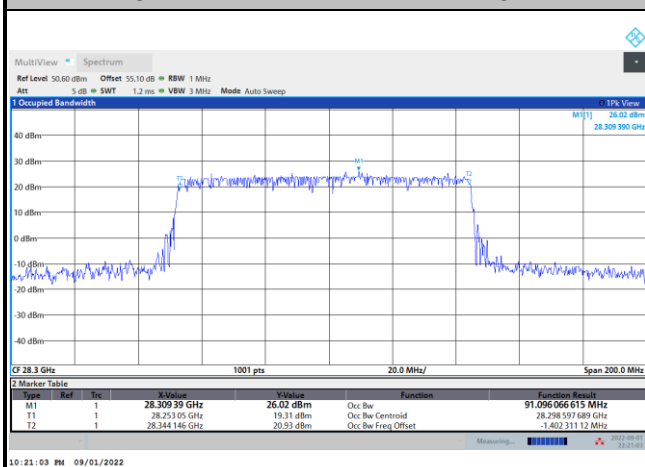
09:00:15 PM 08/31/2022

## Middle Channel / 100MHz / 64QAM



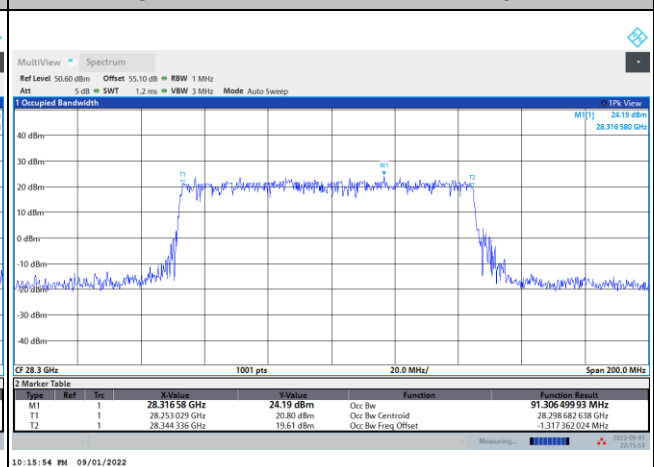
09:00:26 PM 08/31/2022

## Highest Channel / 100MHz / 16QAM



10:21:03 PM 09/01/2022

## Highest Channel / 100MHz / 64QAM



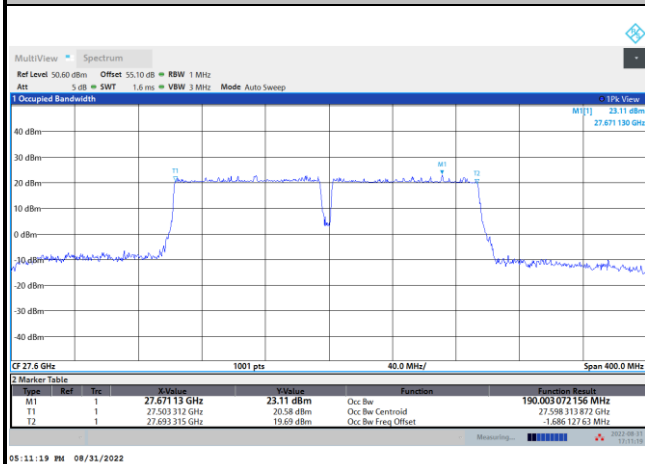
10:15:54 PM 09/01/2022



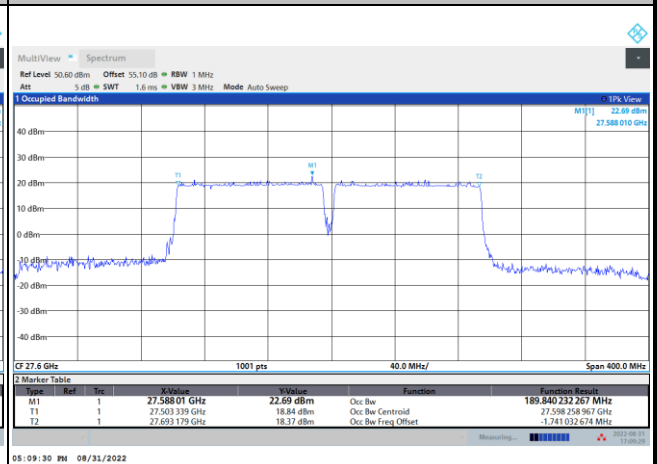
## DFT-s-OFDM Module A

## NR Band n261

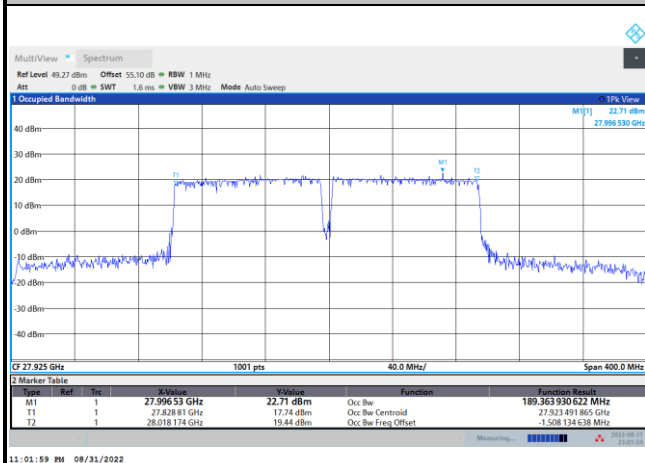
## Lowest Channel / 200MHz / QPSK



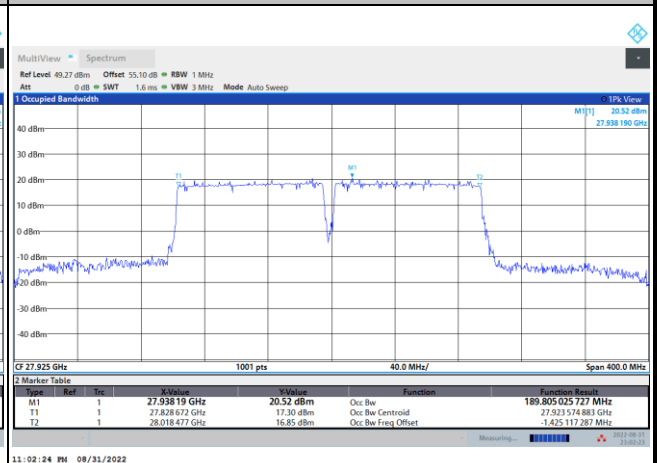
## Lowest Channel / 200MHz / 16QAM



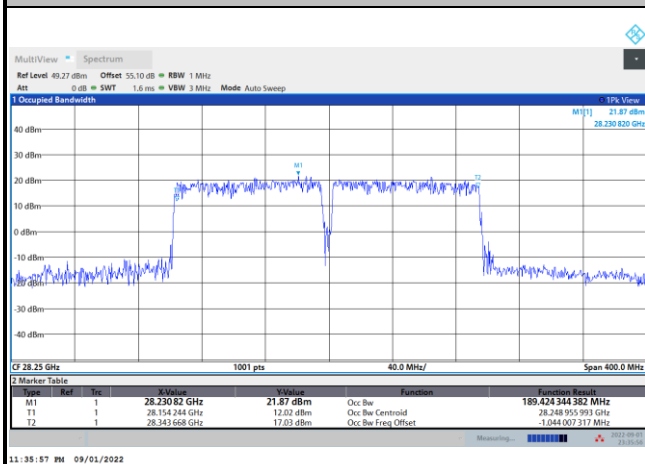
## Middle Channel / 200MHz / QPSK



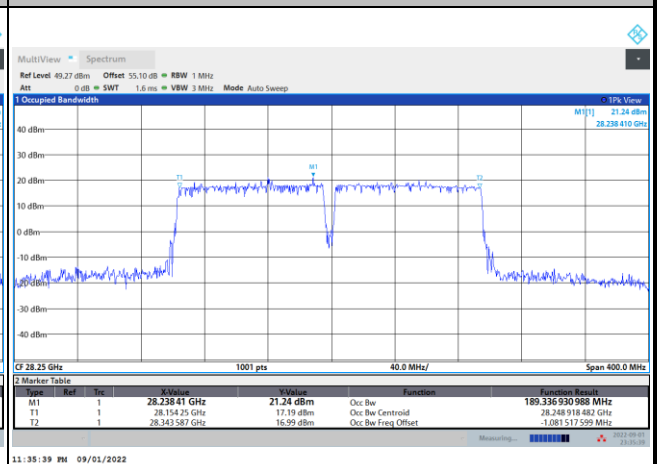
## Middle Channel / 200MHz / 16QAM



## Highest Channel / 200MHz / QPSK



## Highest Channel / 200MHz / 16QAM

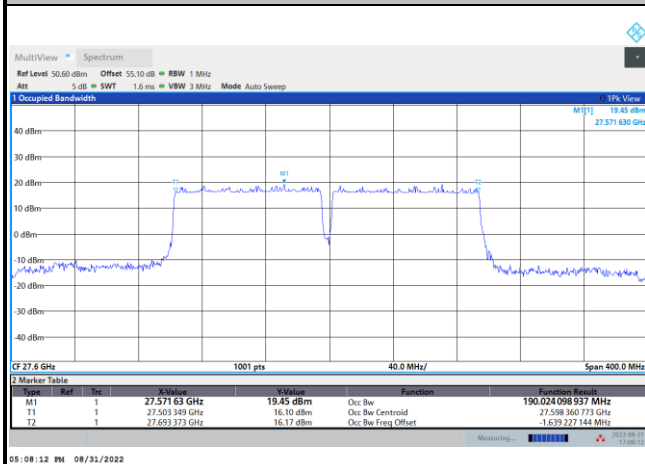




## DFT-s-OFDM Module A

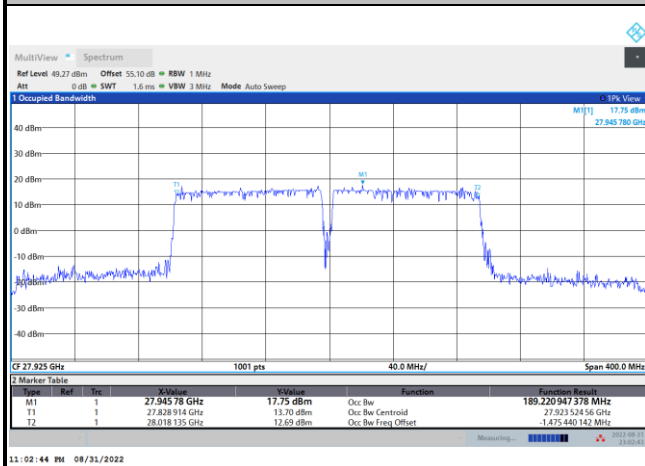
## NR Band n261

## Lowest Channel / 200MHz / 64QAM



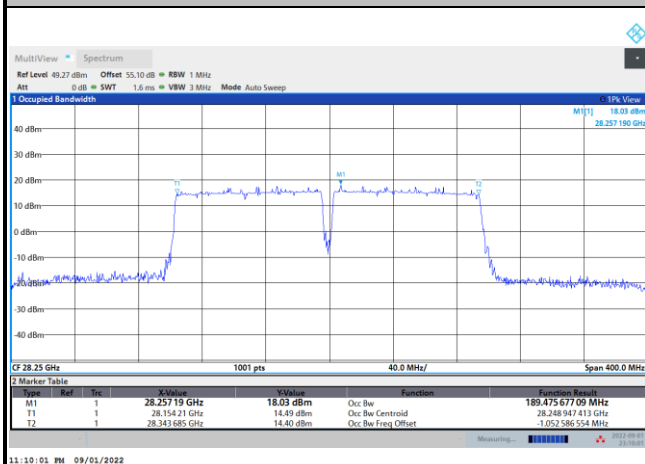
intentionally blank

## Middle Channel / 200MHz / 64QAM



intentionally blank

## Highest Channel / 200MHz / 64QAM



intentionally blank