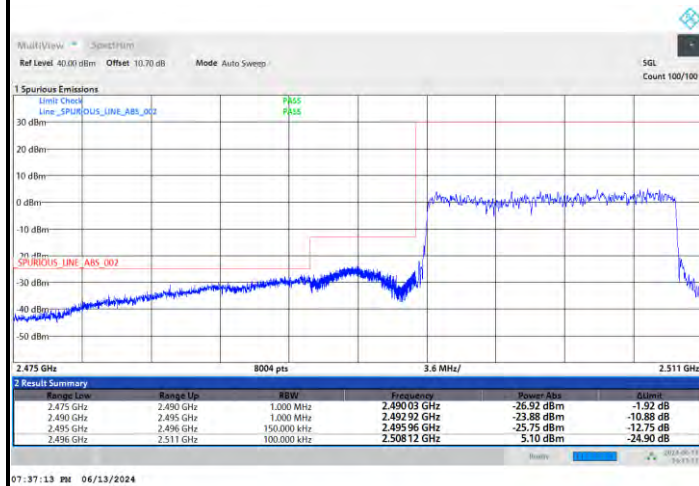


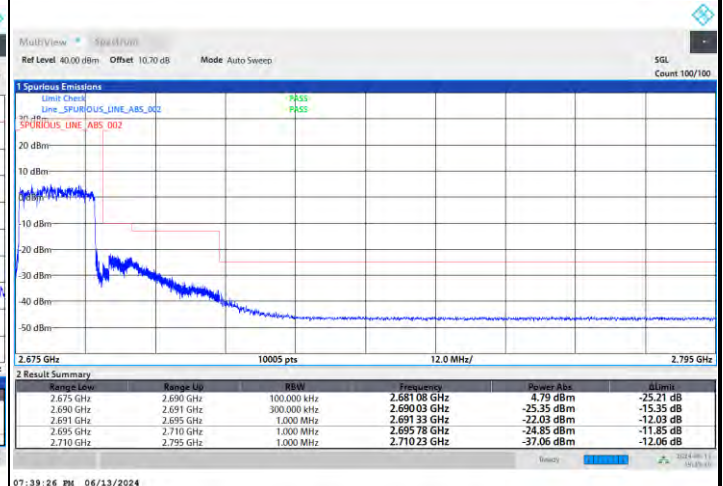


## FR1 n41 / 15MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

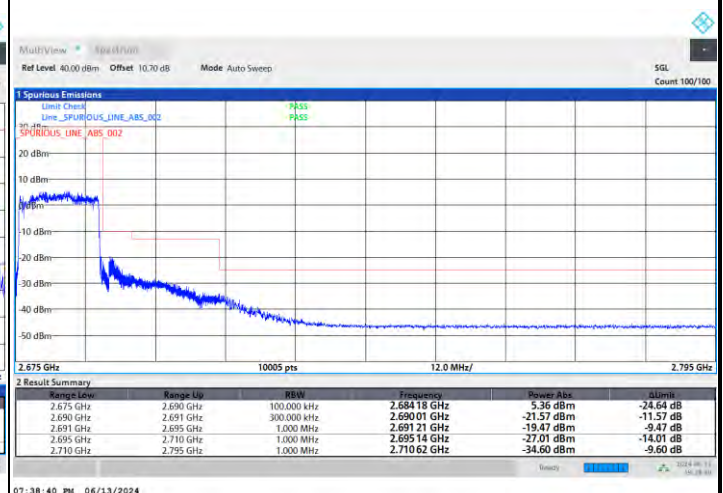


## FR1 n41 / 15MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



## Highest Band Edge





## FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



## FR1 n41 / 20MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



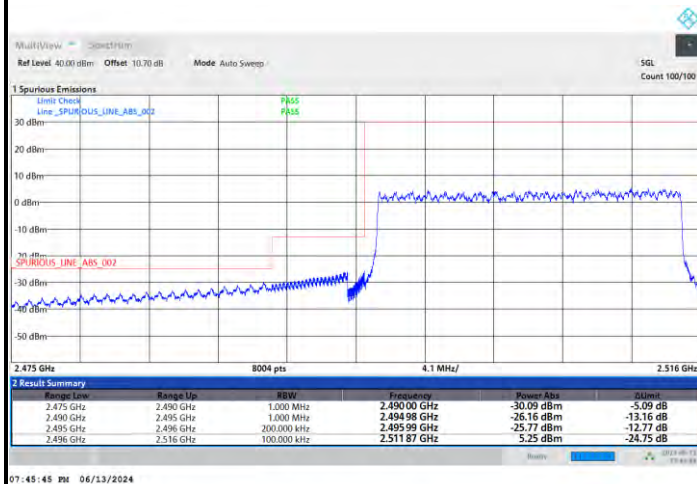
## Highest Band Edge / Full RB



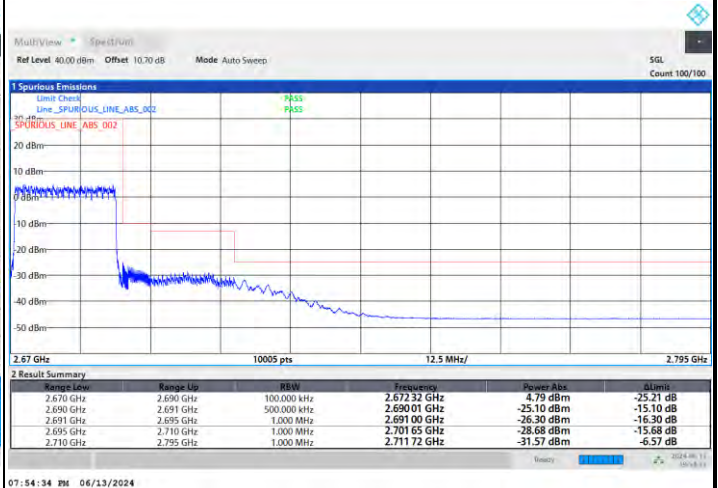


## FR1 n41 / 20MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

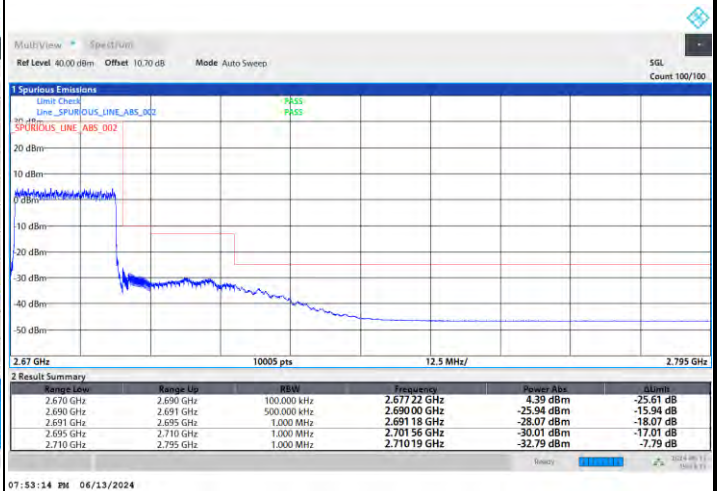


## FR1 n41 / 20MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



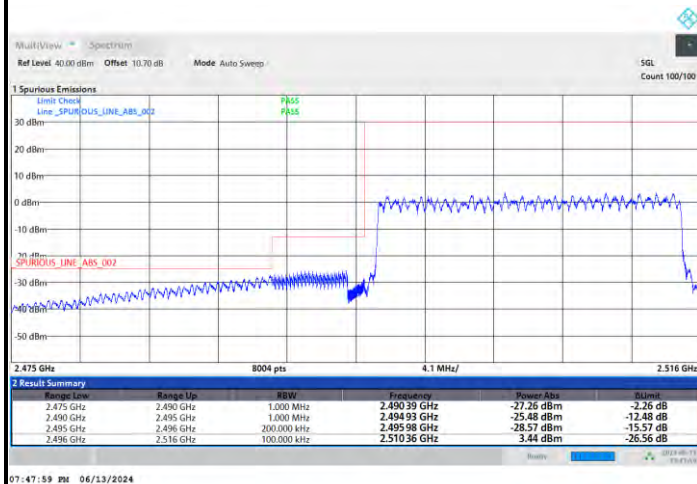
## Highest Band Edge / Full RB





## FR1 n41 / 20MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

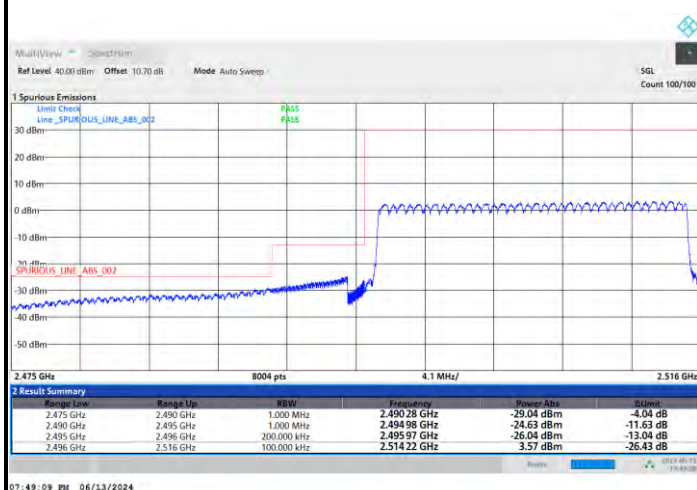


## Highest Band Edge / Full RB

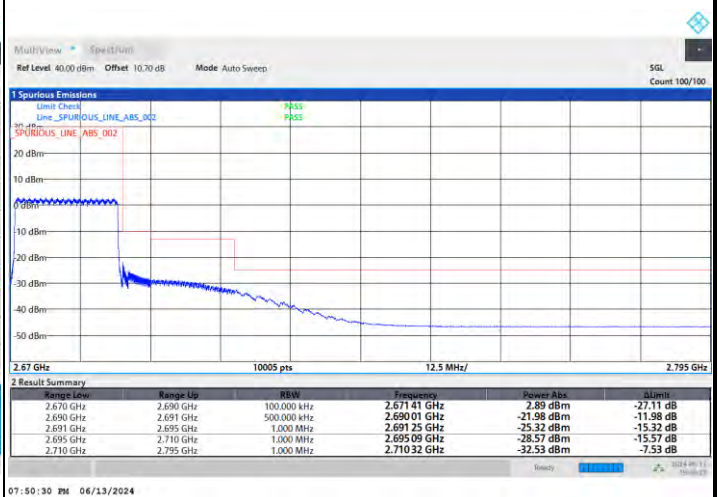


## FR1 n41 / 20MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



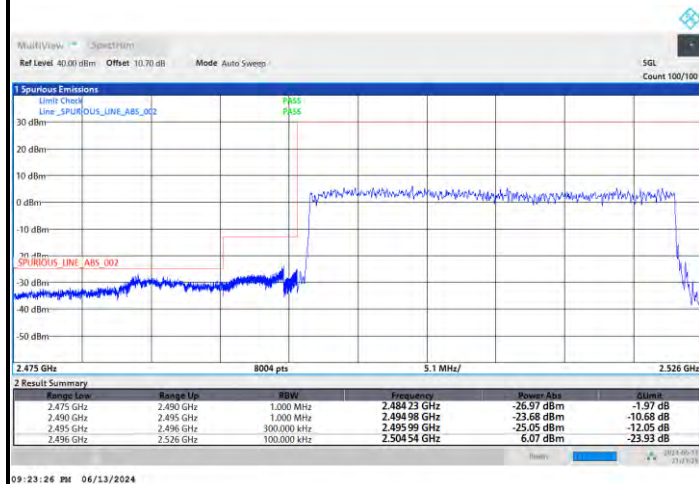
## Highest Band Edge





## FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

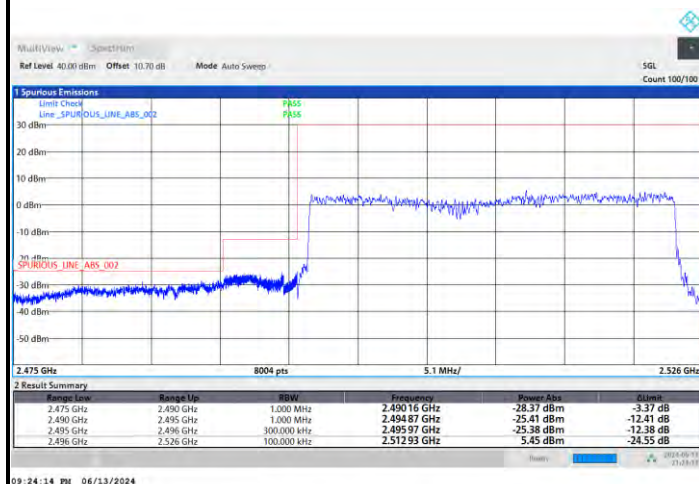


## Highest Band Edge / Full RB

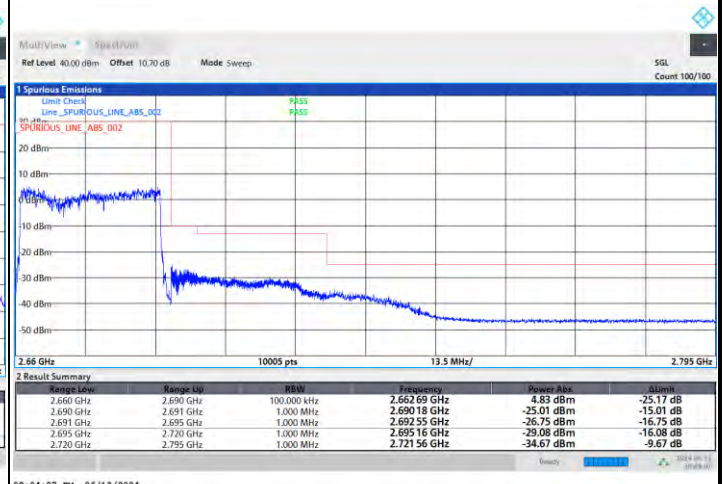


## FR1 n41 / 30MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



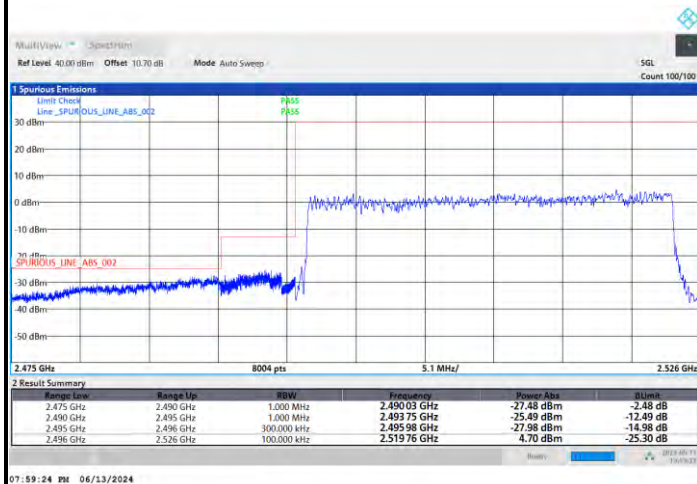
## Highest Band Edge / Full RB



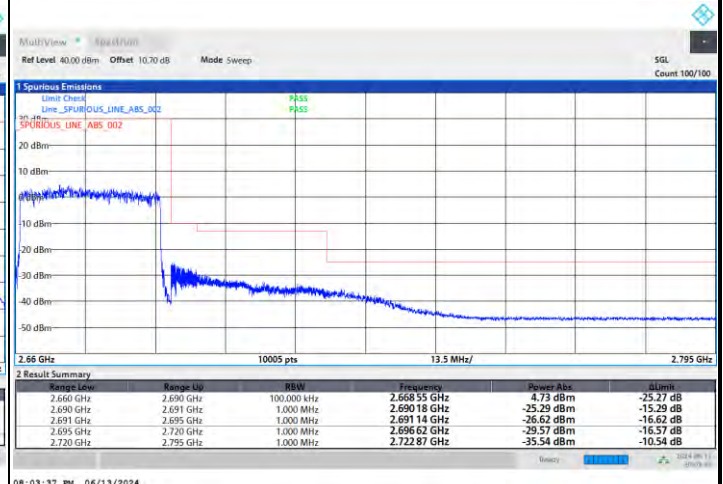


## FR1 n41 / 30MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

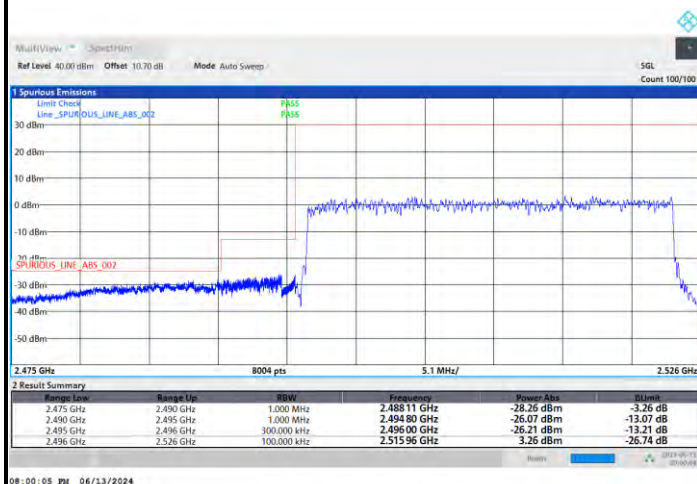


## Highest Band Edge / Full RB

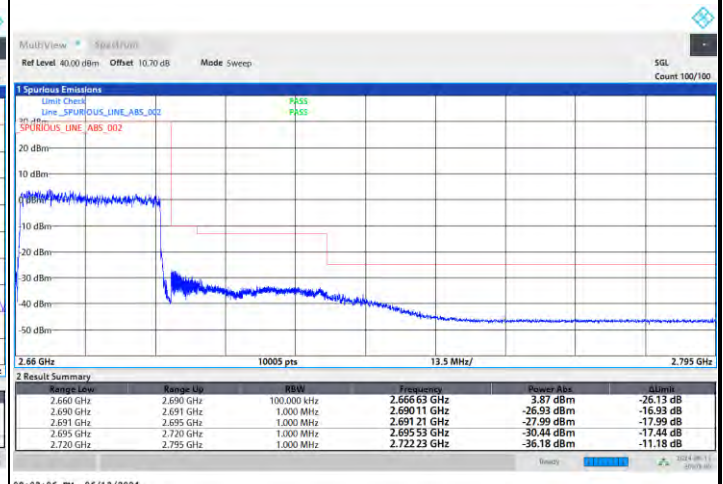


## FR1 n41 / 30MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



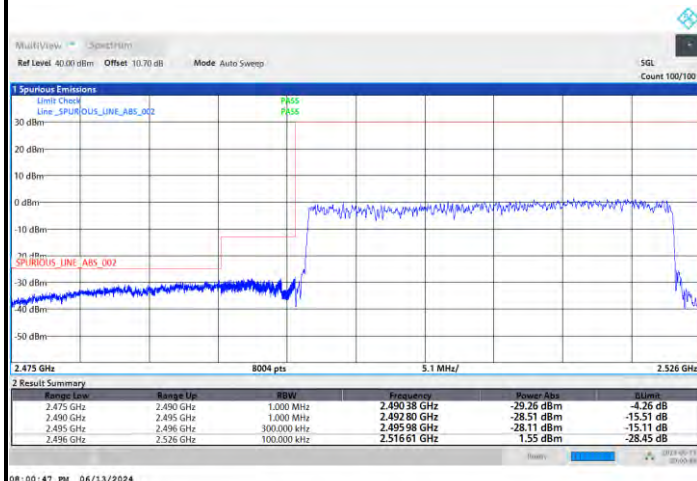
## Highest Band Edge / Full RB



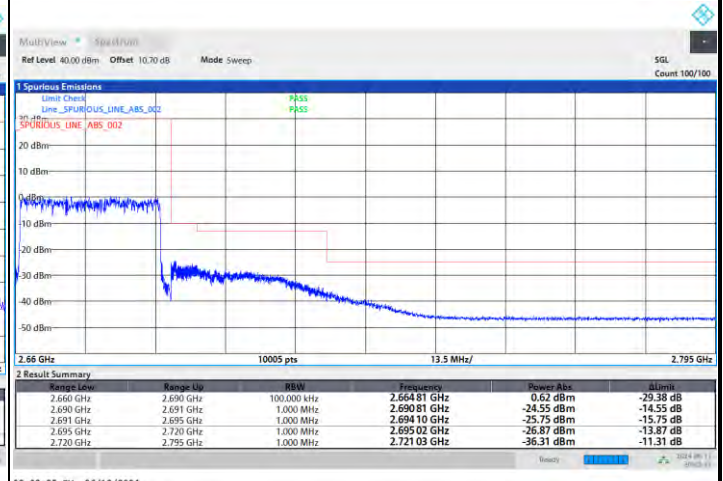


## FR1 n41 / 30MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

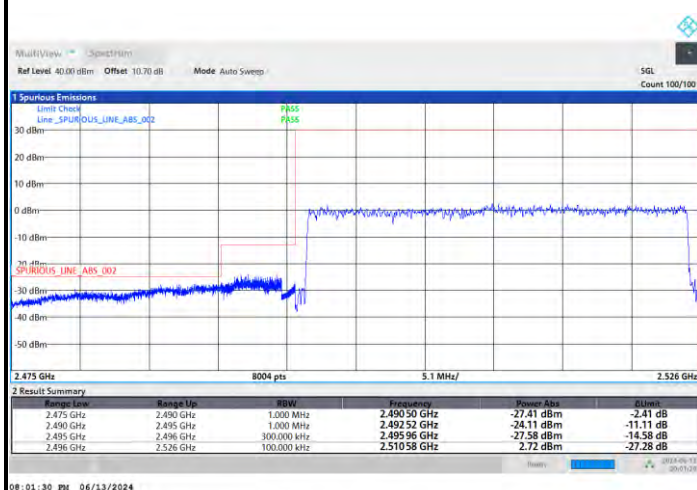


## Highest Band Edge / Full RB

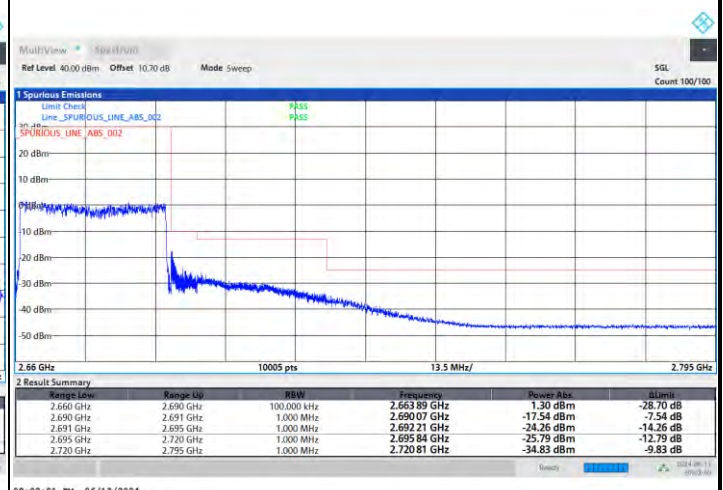


## FR1 n41 / 30MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



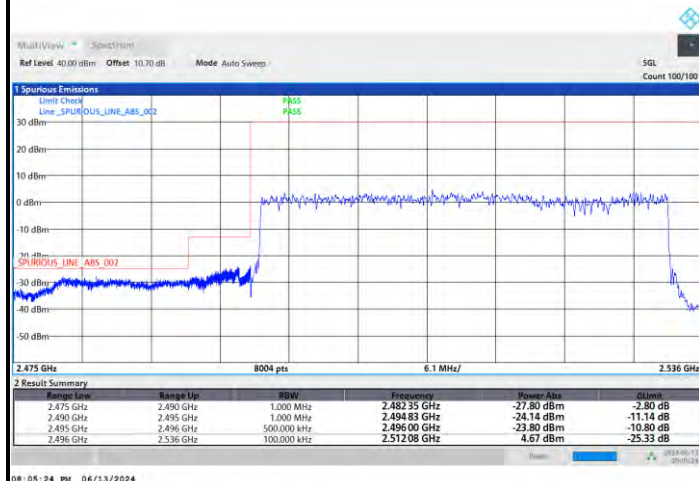
## Highest Band Edge





## FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

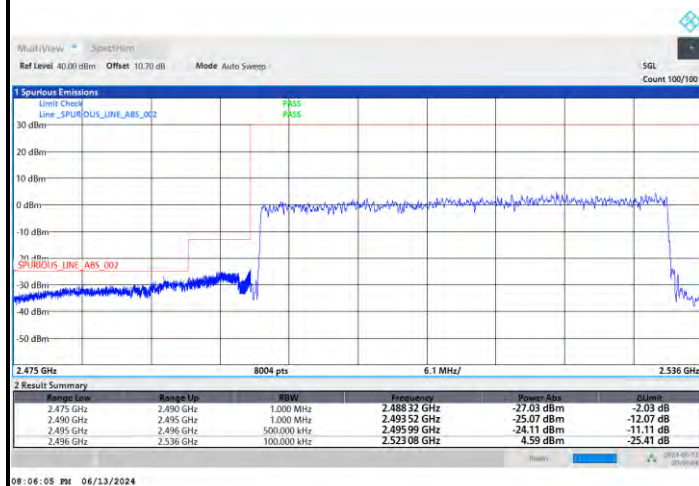


## Highest Band Edge / Full RB



## FR1 n41 / 40MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



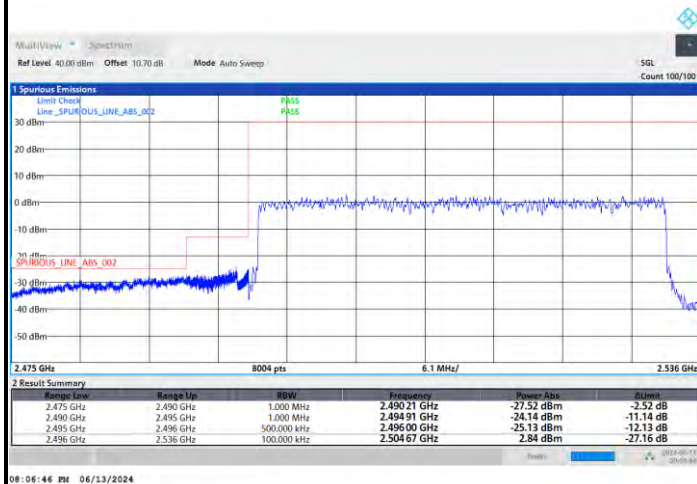
## Highest Band Edge / Full RB





## FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

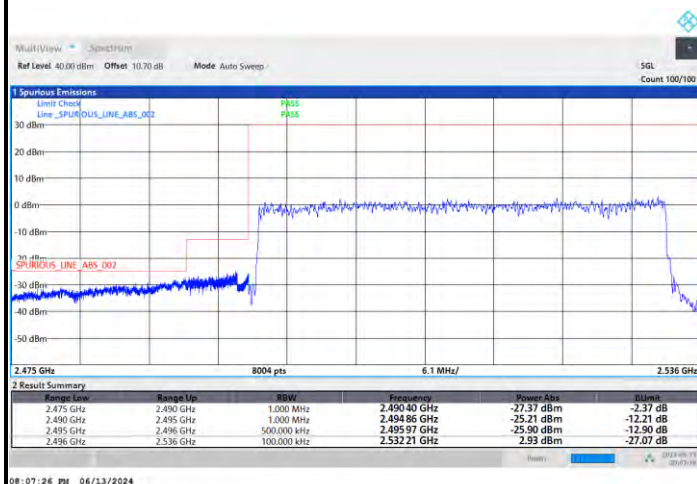


## Highest Band Edge / Full RB

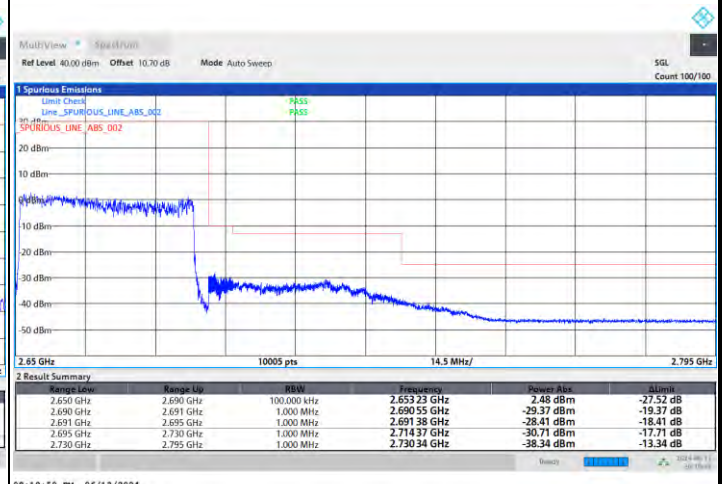


## FR1 n41 / 40MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



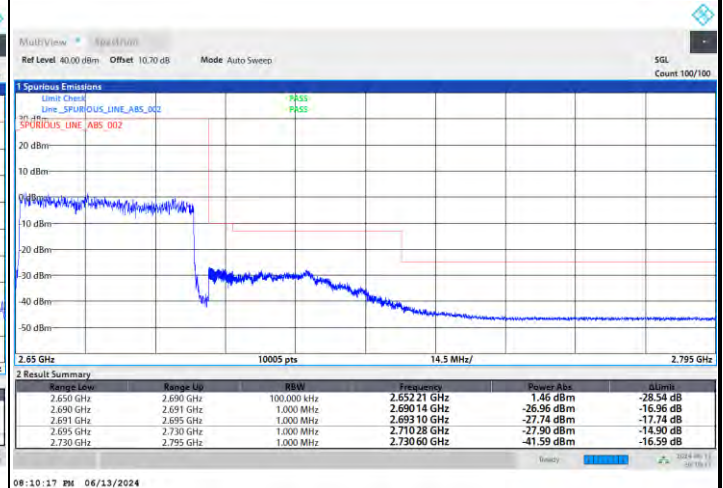


## FR1 n41 / 40MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

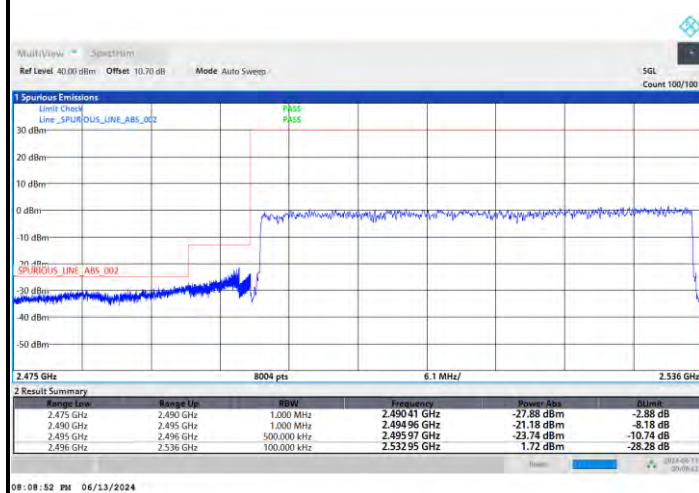


## Highest Band Edge / Full RB

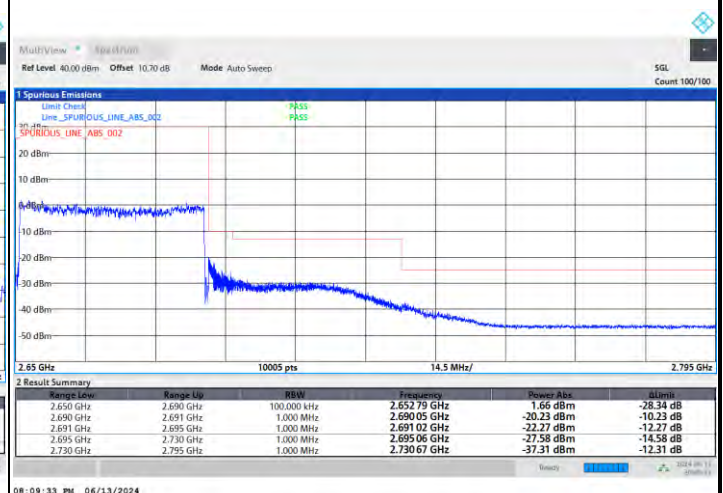


## FR1 n41 / 40MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



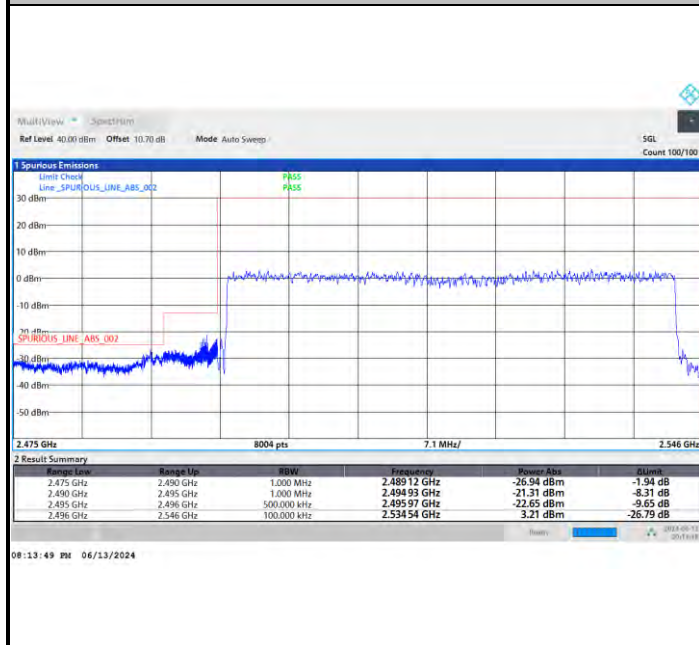
## Highest Band Edge



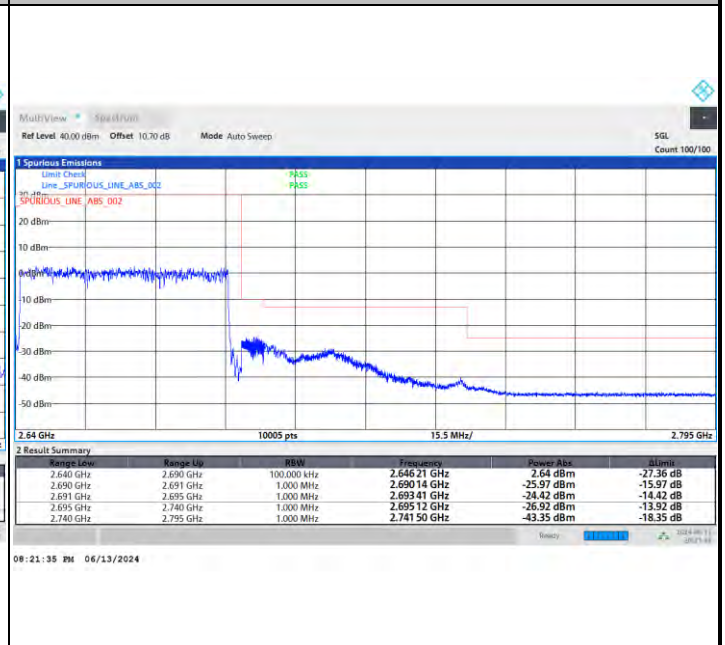


## FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

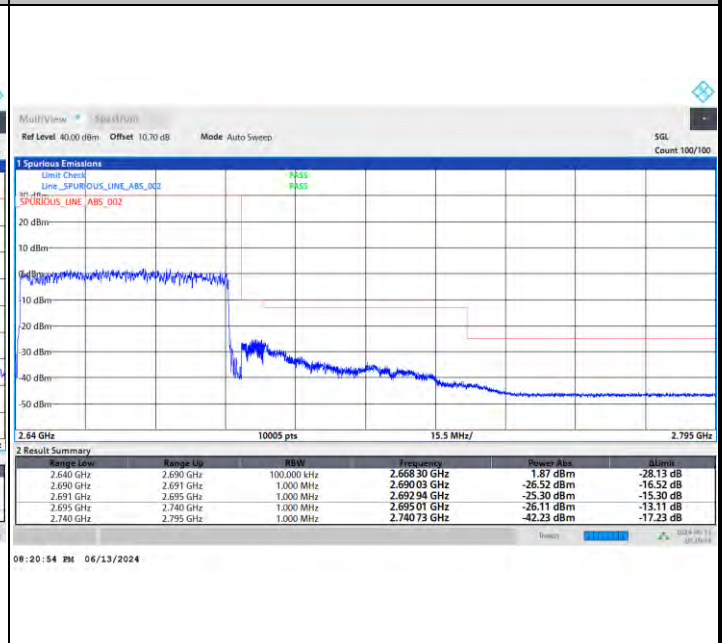


## FR1 n41 / 50MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



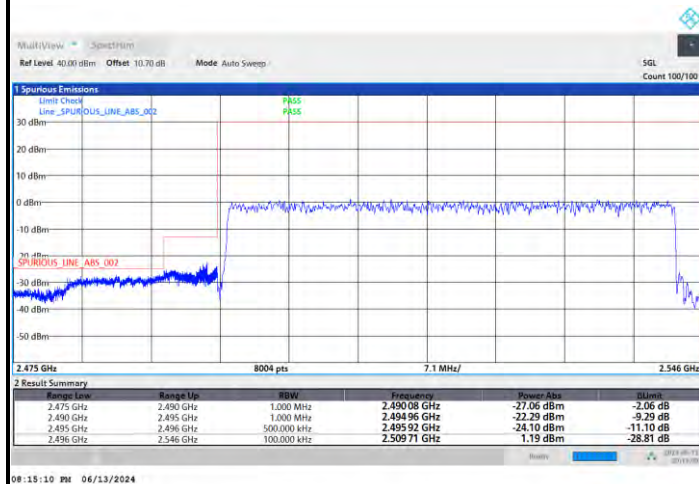
## Highest Band Edge / Full RB



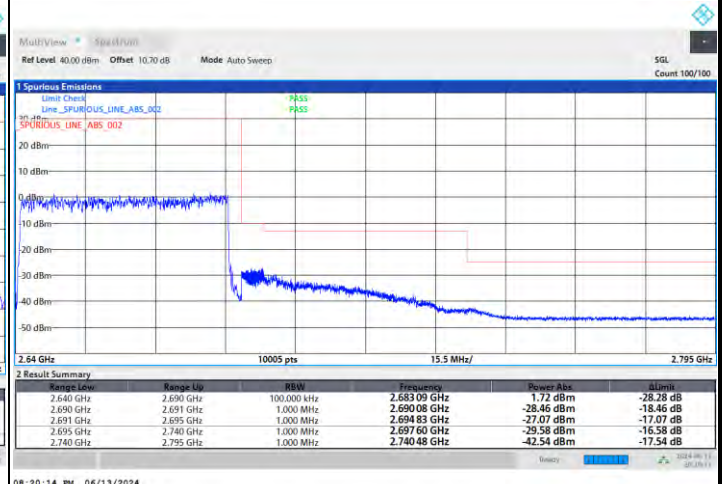


## FR1 n41 / 50MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

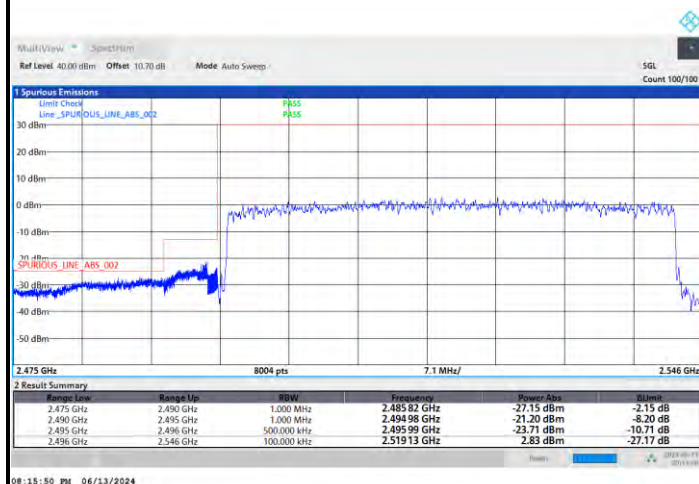


## Highest Band Edge / Full RB

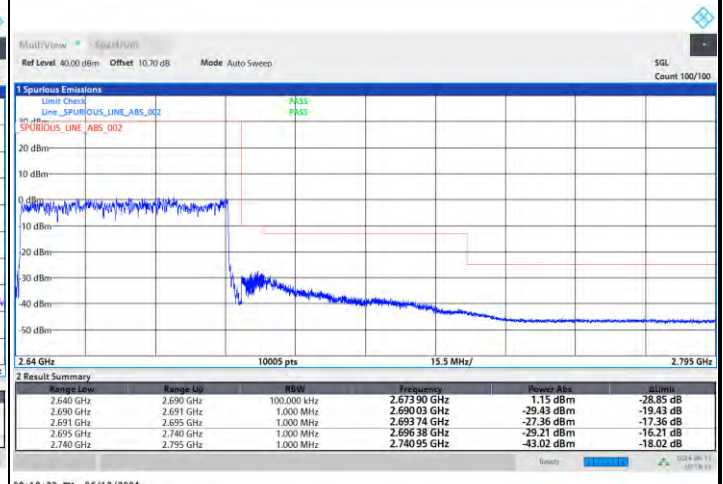


## FR1 n41 / 50MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



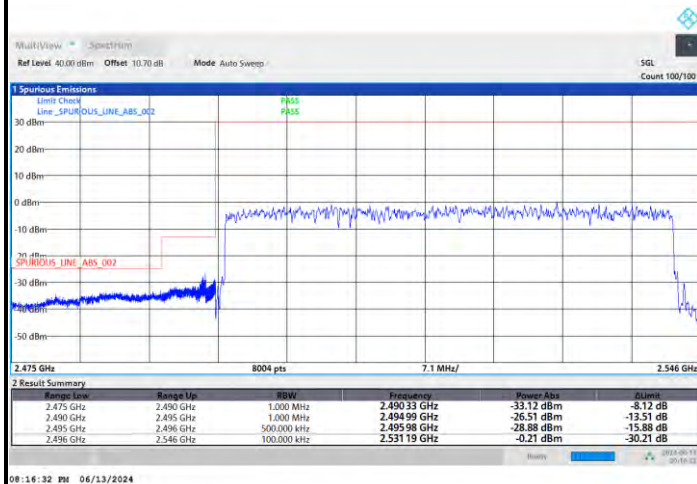
## Highest Band Edge / Full RB





## FR1 n41 / 50MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

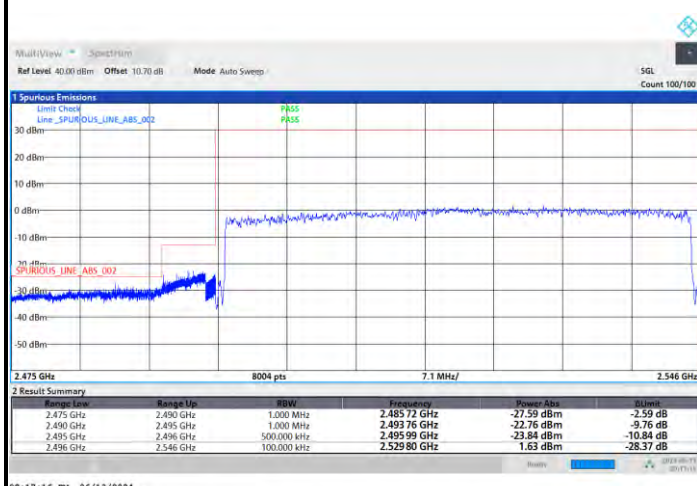


## Highest Band Edge / Full RB

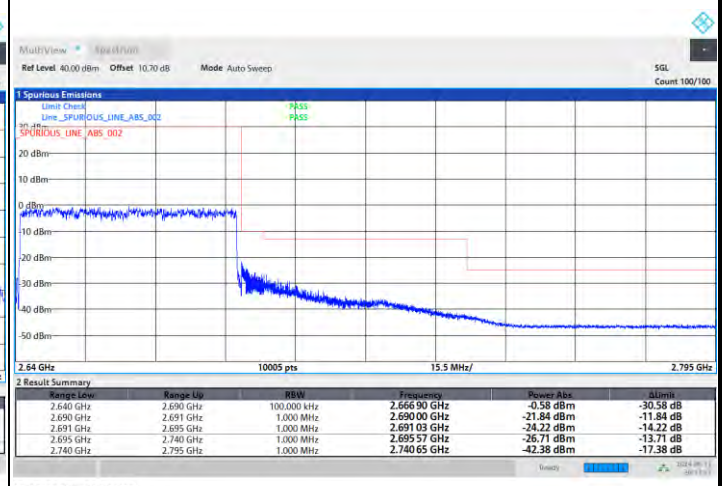


## FR1 n41 / 50MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



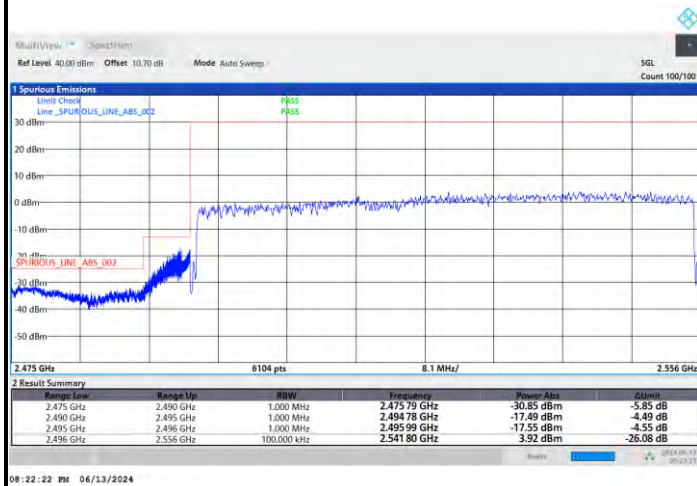
## Highest Band Edge



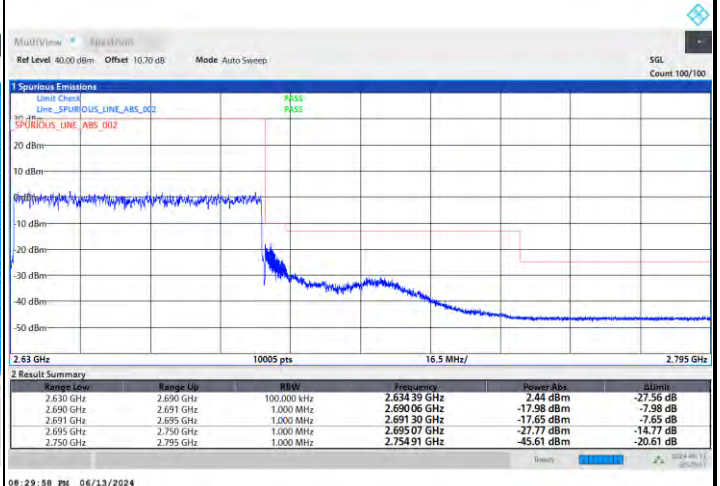


## FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

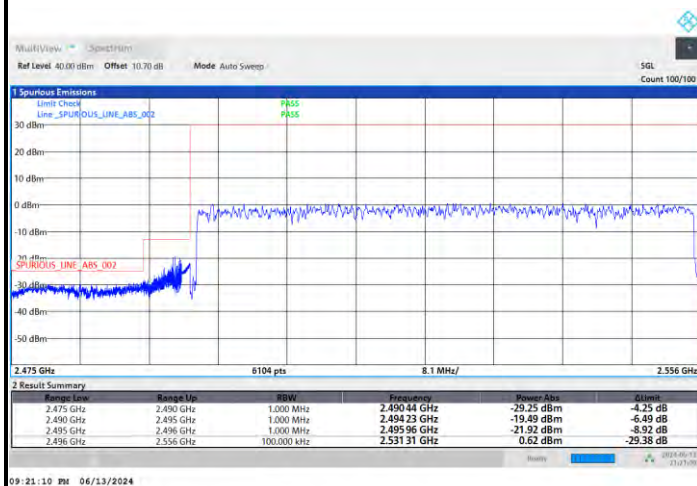


## Highest Band Edge / Full RB

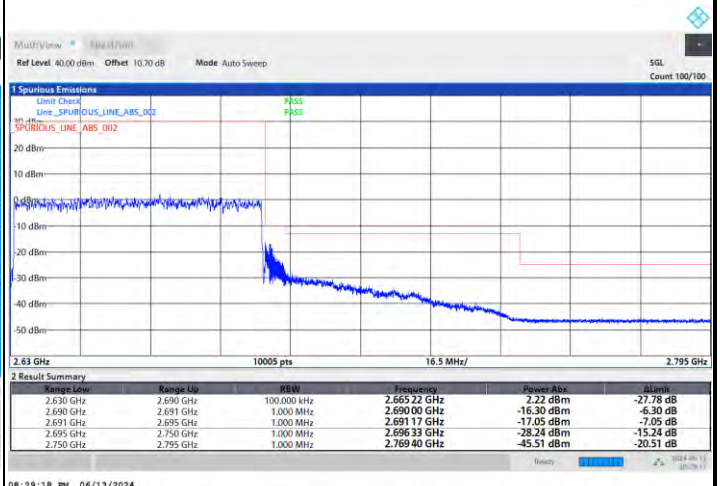


## FR1 n41 / 60MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



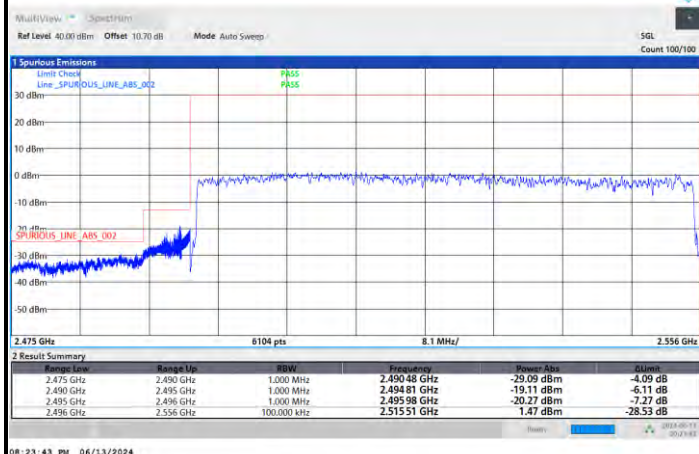
## Highest Band Edge / Full RB



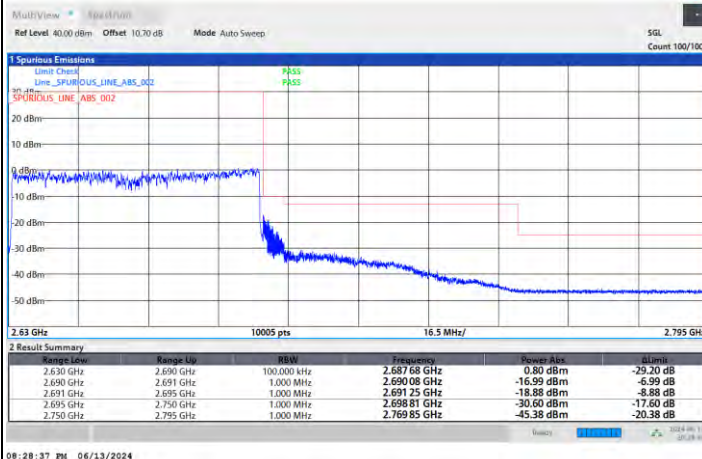


## FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

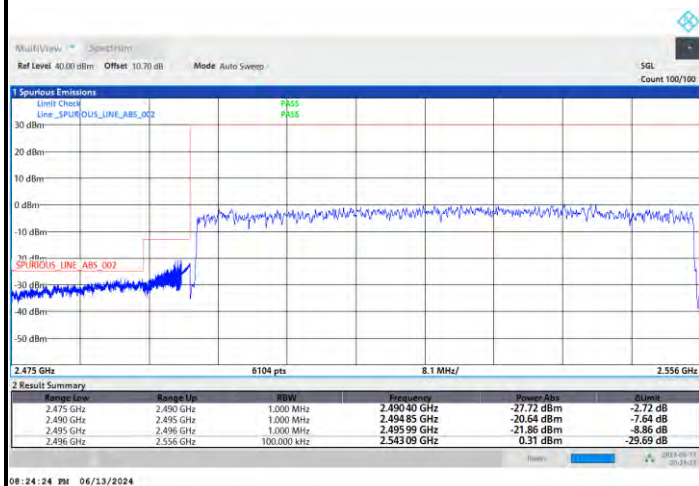


## Highest Band Edge / Full RB

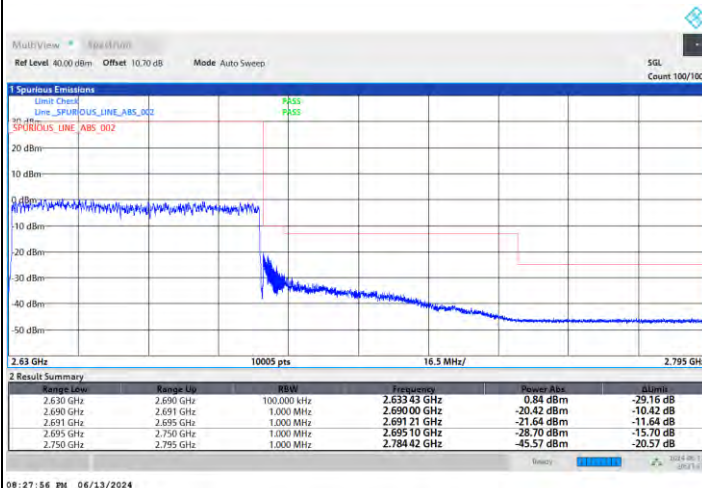


## FR1 n41 / 60MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



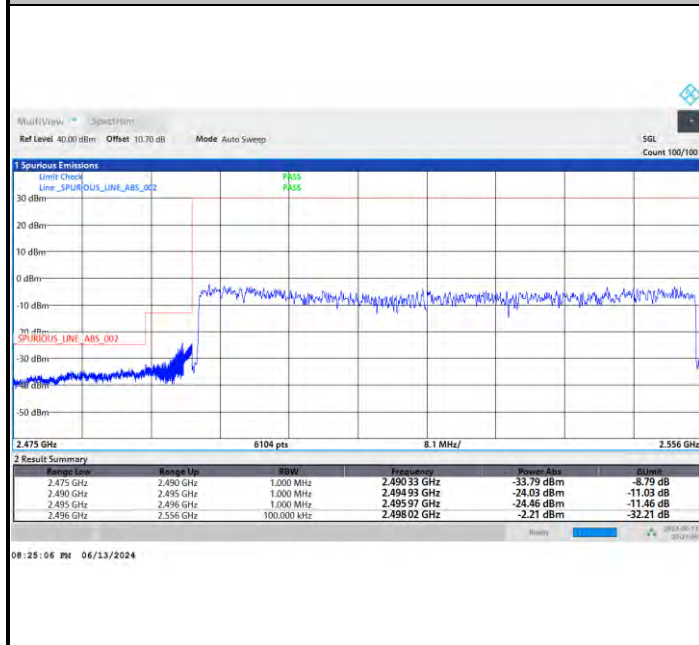
## Highest Band Edge / Full RB



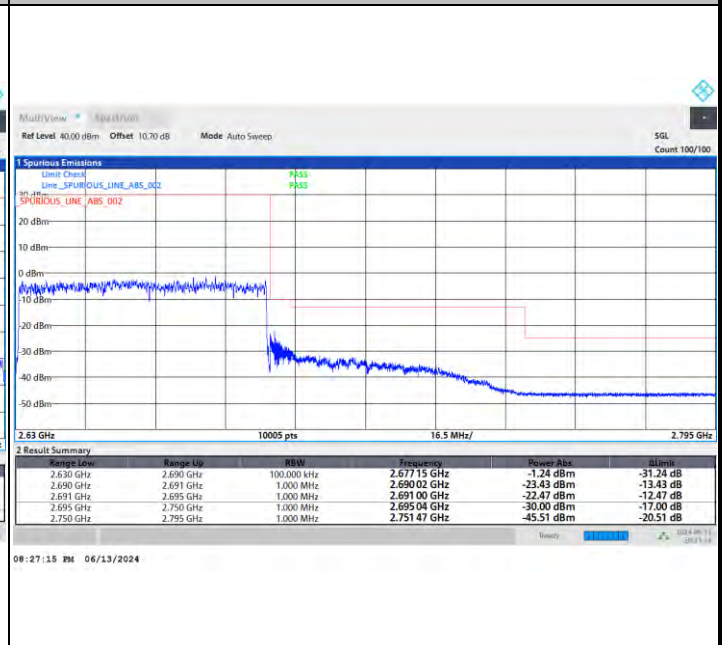


## FR1 n41 / 60MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

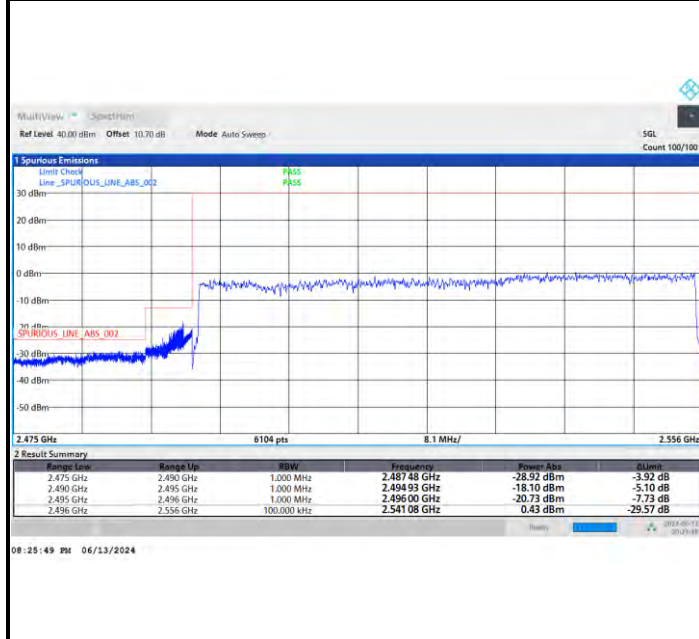


## Highest Band Edge / Full RB

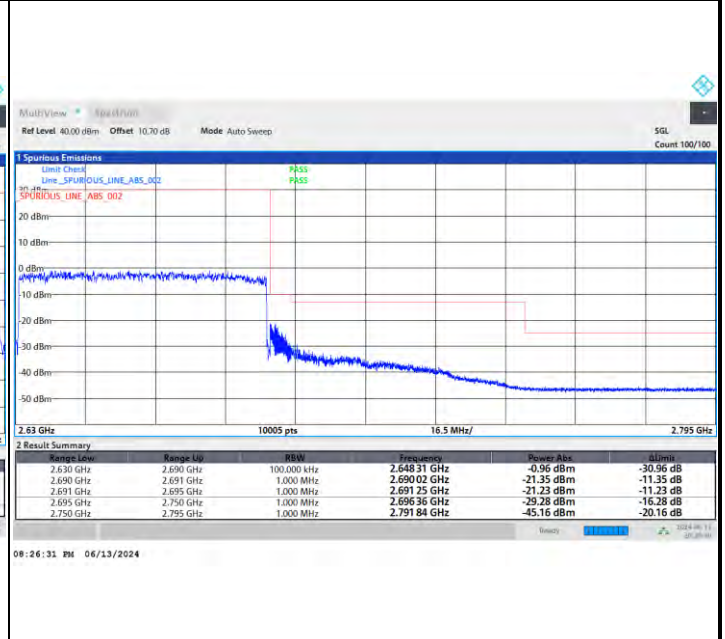


## FR1 n41 / 60MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



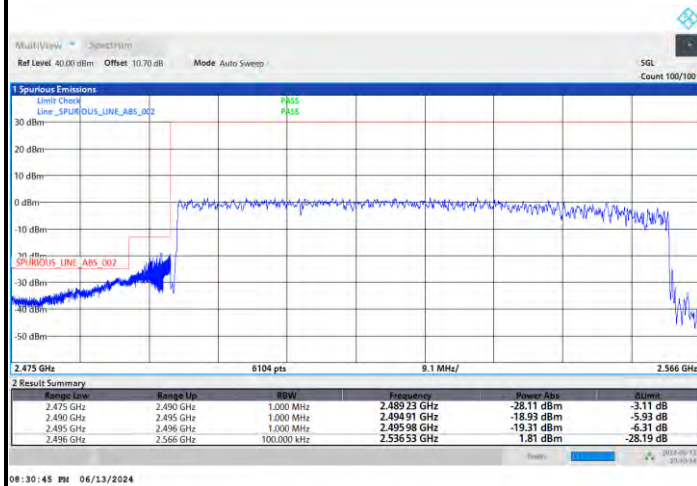
## Highest Band Edge





## FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

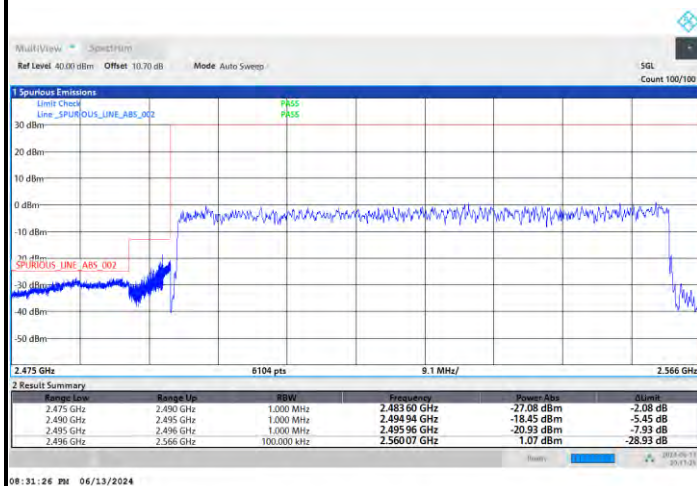


## Highest Band Edge / Full RB

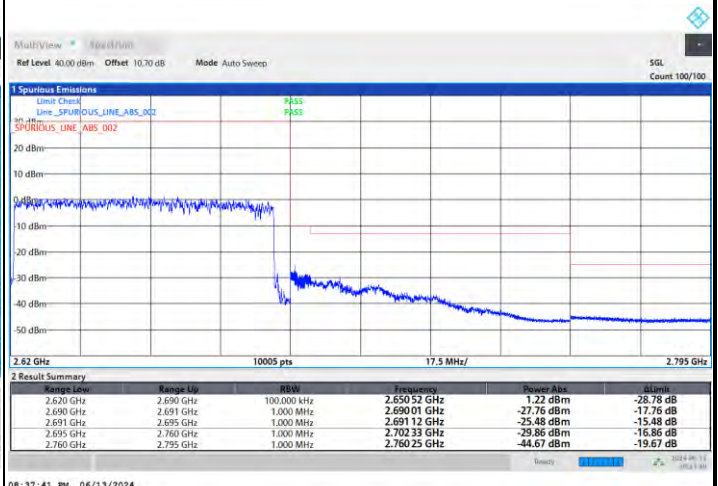


## FR1 n41 / 70MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



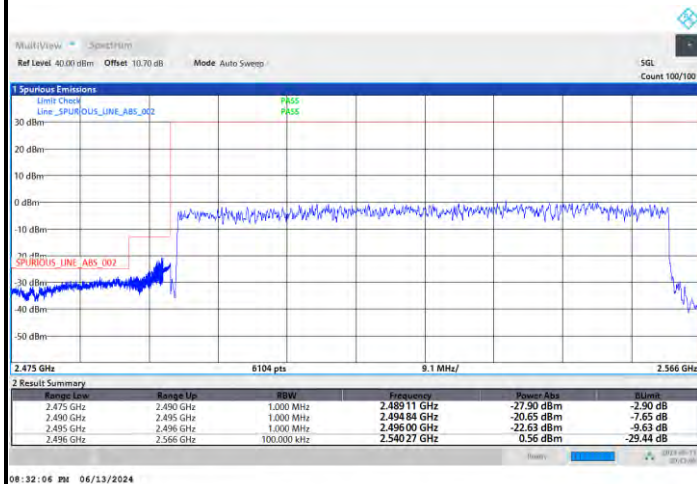
## Highest Band Edge / Full RB



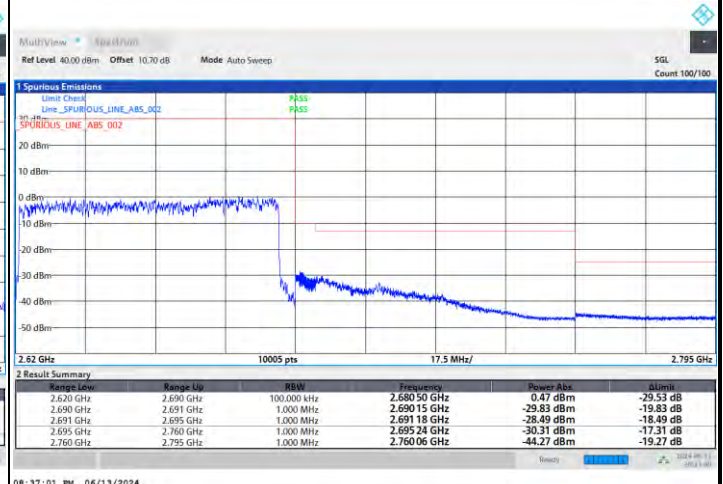


## FR1 n41 / 70MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

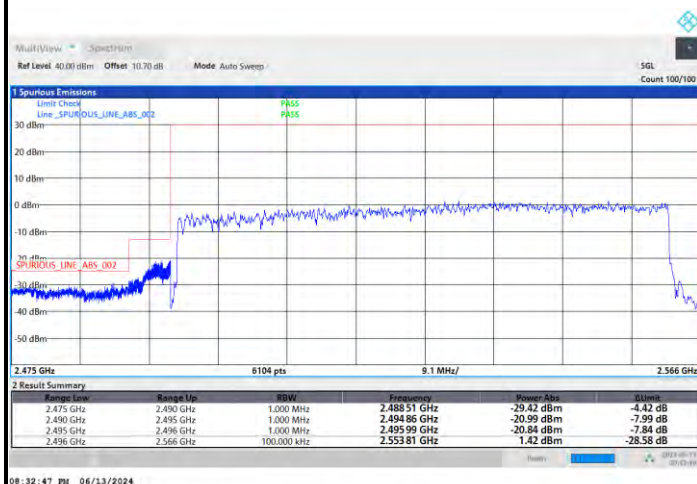


## Highest Band Edge / Full RB

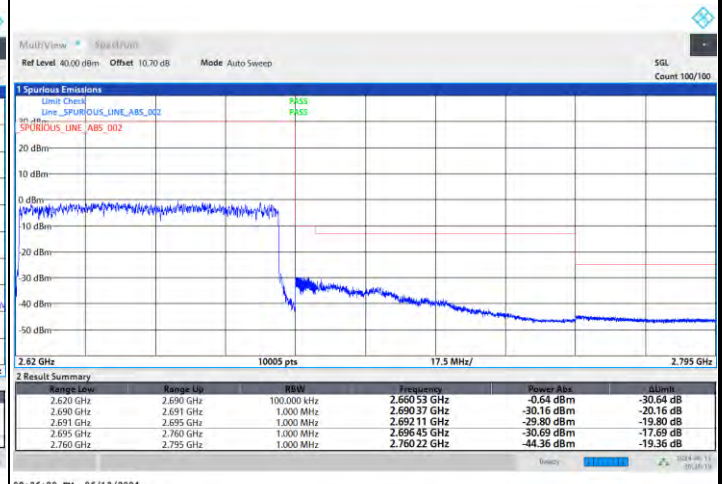


## FR1 n41 / 70MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



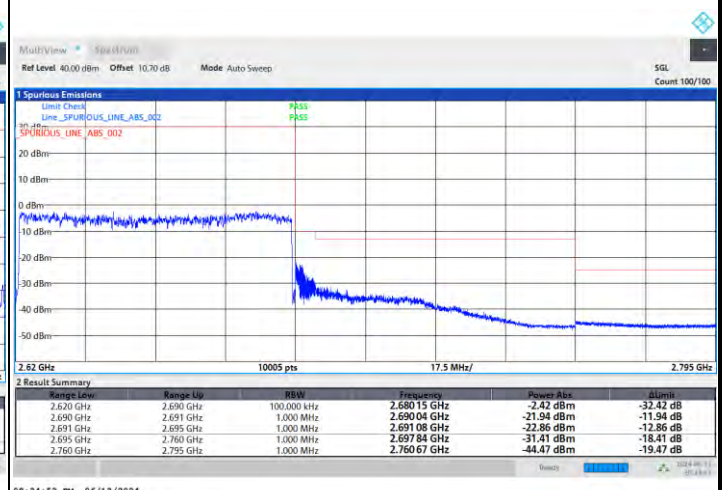


### Highest Band Edge / Full RB



**FR1 n41 / 70MHz / CP OFDM / QPSK / Full RB**

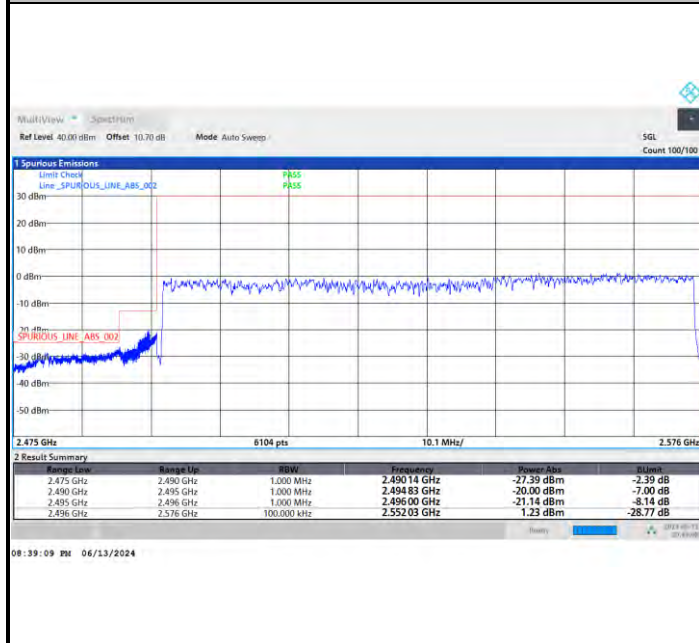
### Highest Band Edge



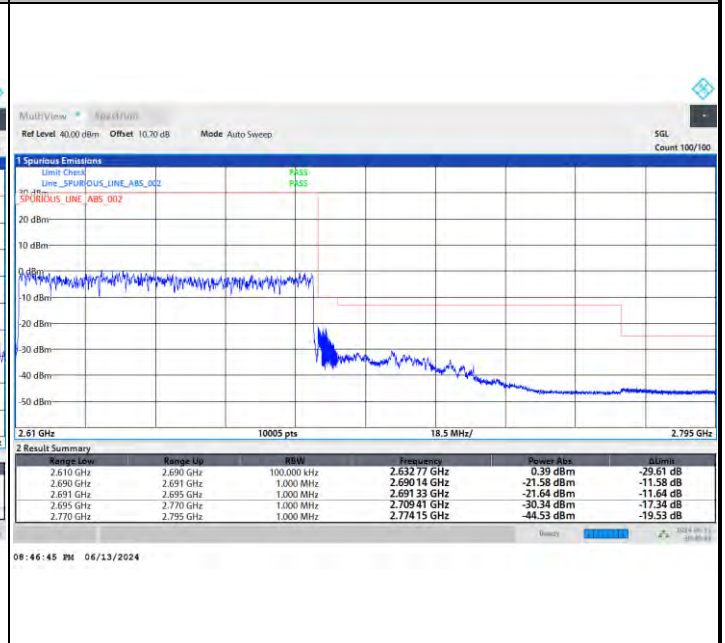


## FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

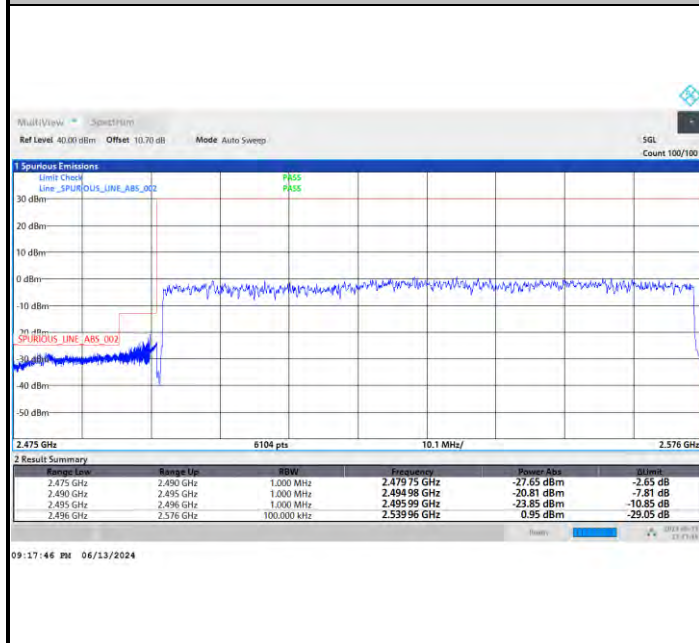


## Highest Band Edge / Full RB

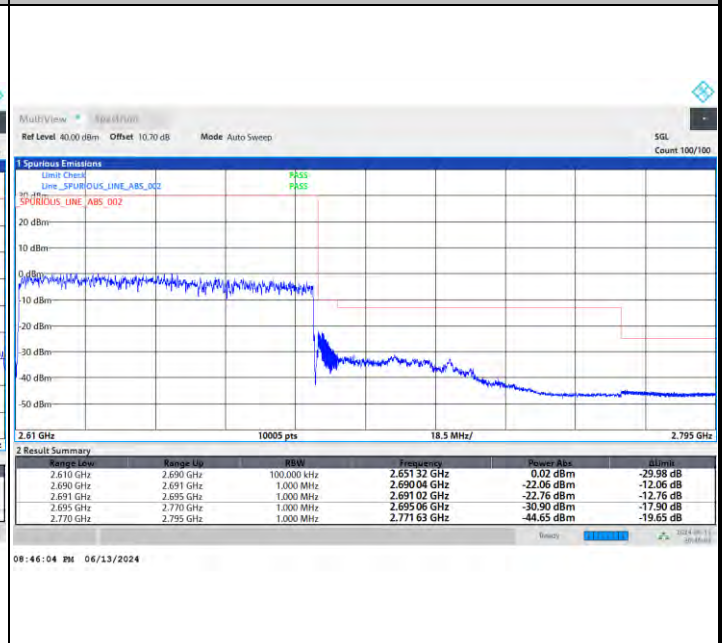


## FR1 n41 / 80MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



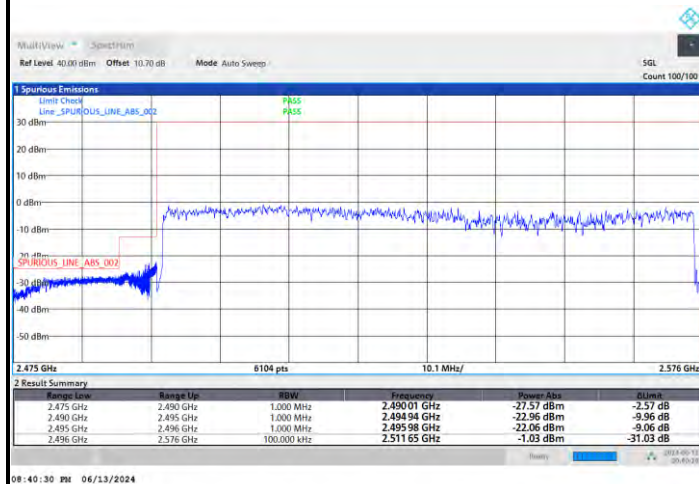
## Highest Band Edge / Full RB





## FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

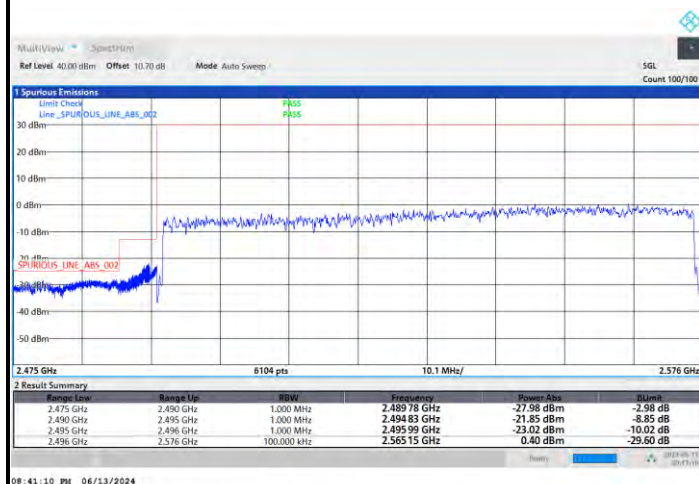


## Highest Band Edge / Full RB

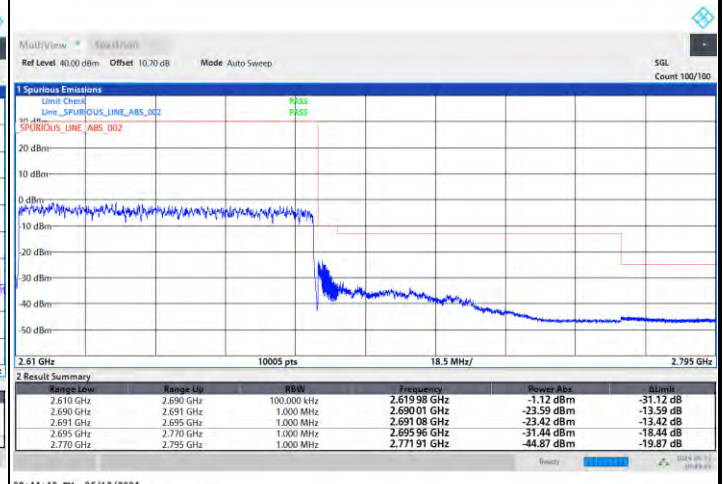


## FR1 n41 / 80MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



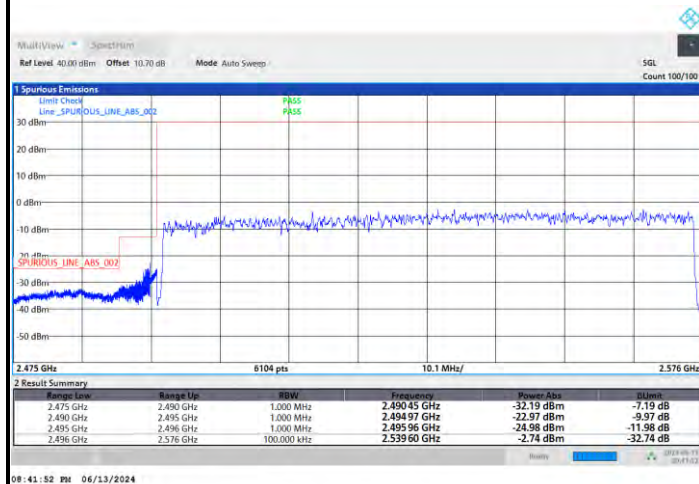
## Highest Band Edge / Full RB





## FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



## FR1 n41 / 80MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



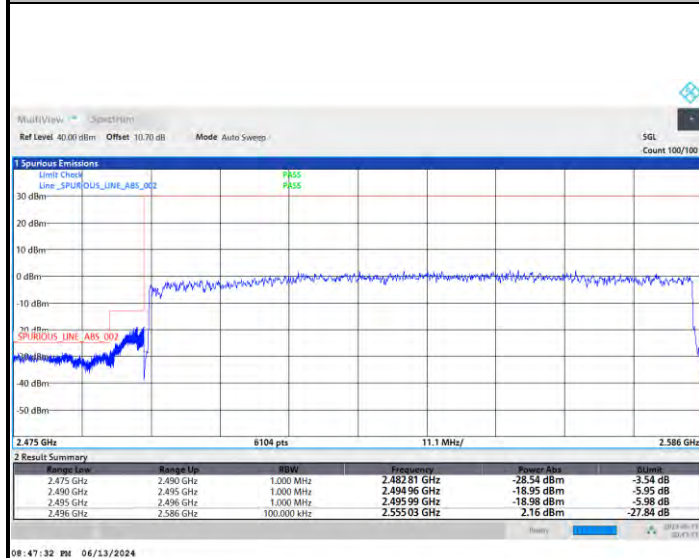
## Highest Band Edge



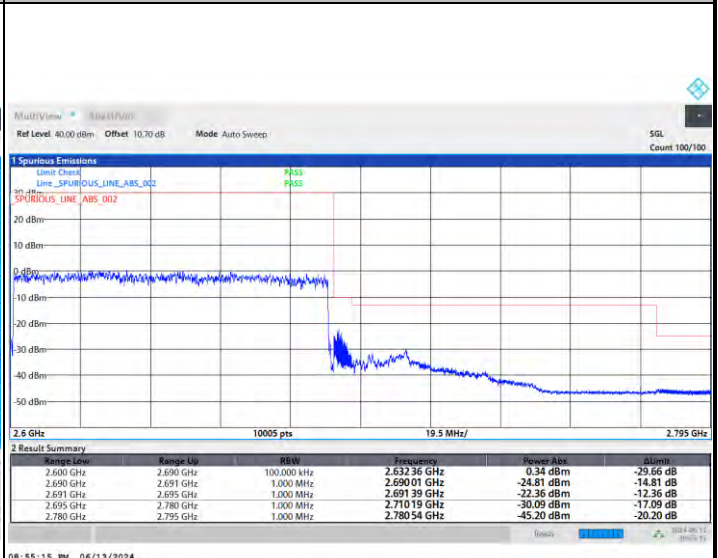


## FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB

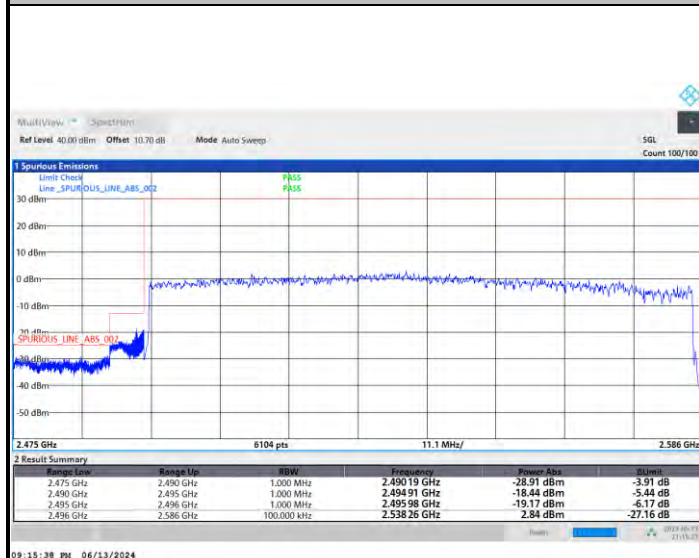


## Highest Band Edge / Full RB

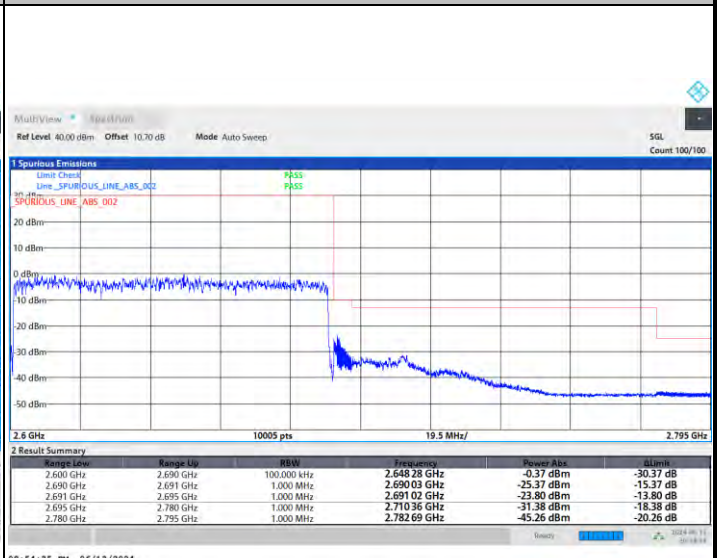


## FR1 n41 / 90MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



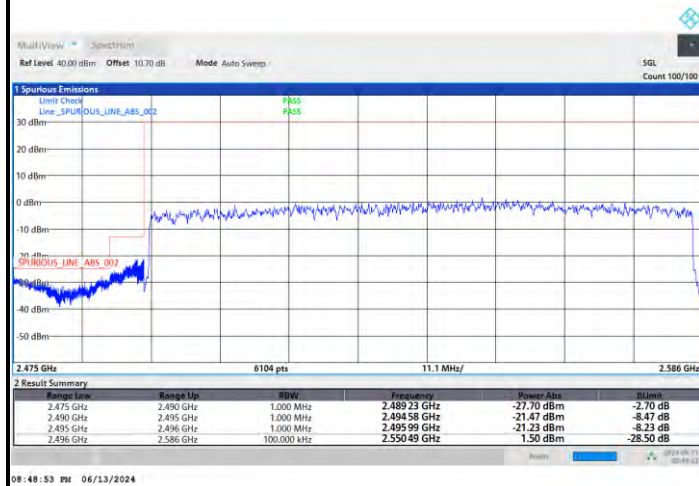
## Highest Band Edge / Full RB



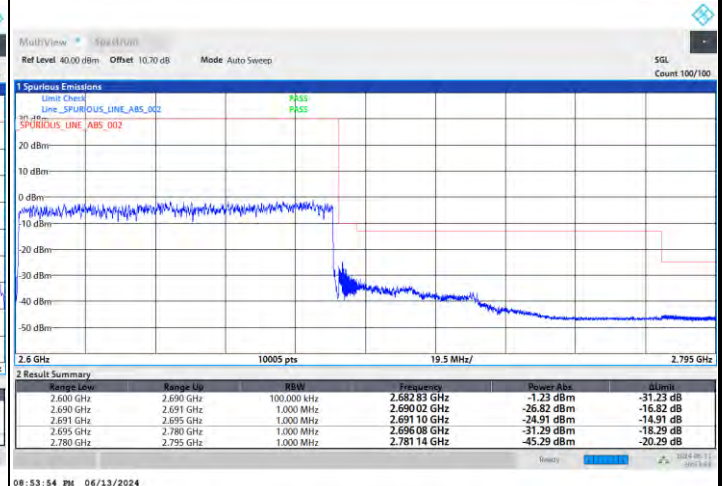


## FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

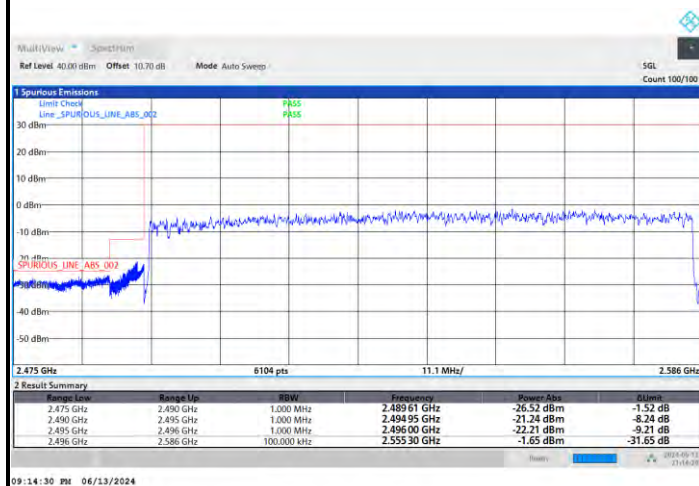


## Highest Band Edge / Full RB

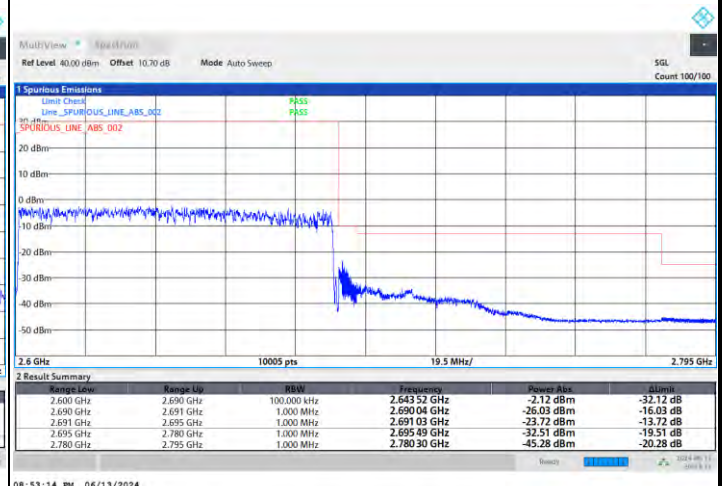


## FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



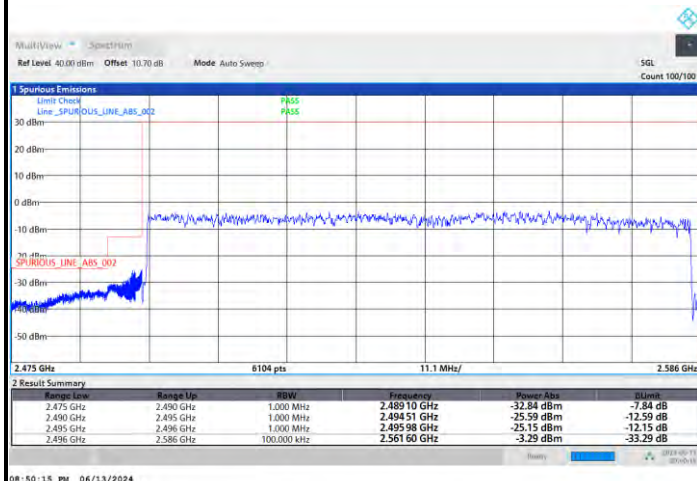
## Highest Band Edge / Full RB



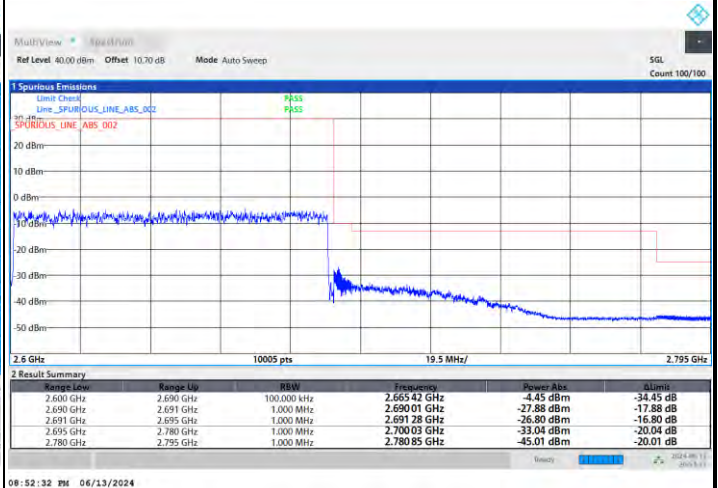


## FR1 n41 / 90MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

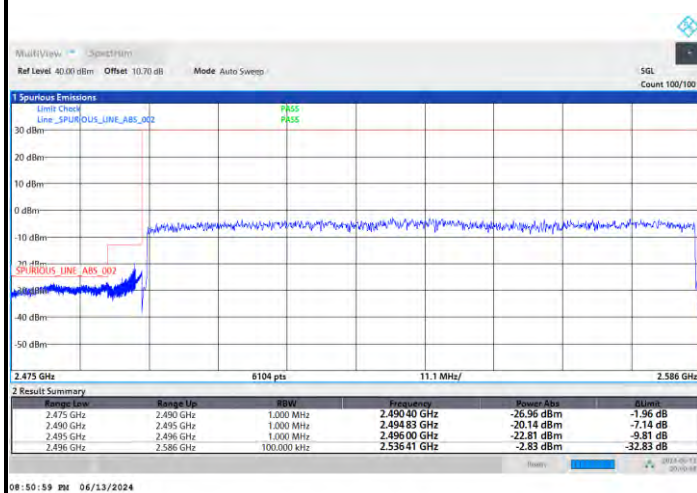


## Highest Band Edge / Full RB

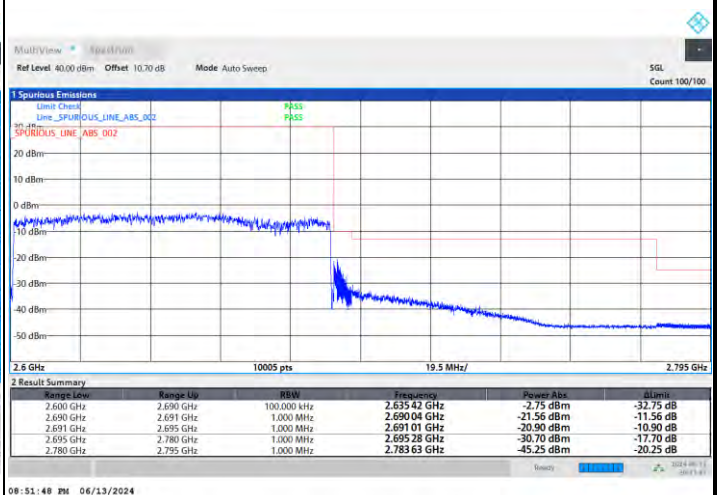


## FR1 n41 / 90MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



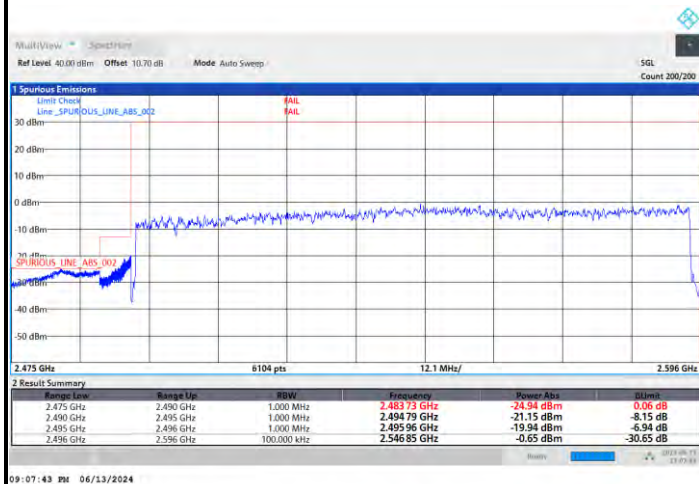
## Highest Band Edge



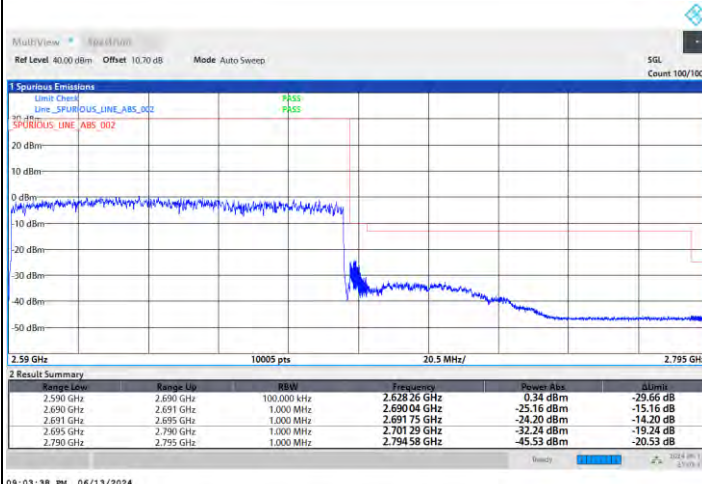


## FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



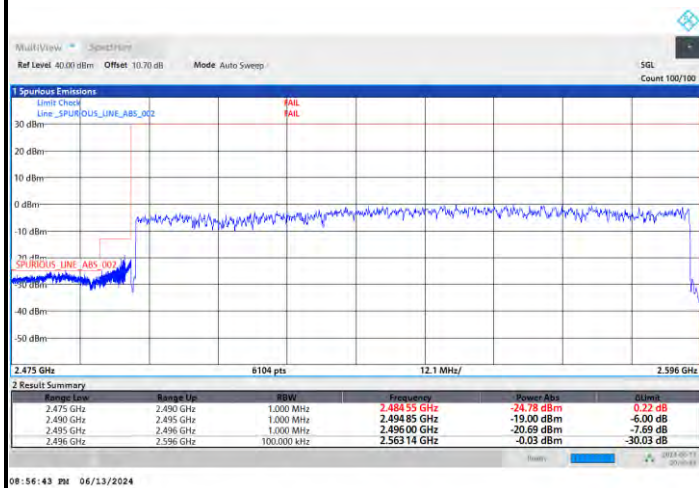
## Power Limit -25dBm &gt; -28.08 dBm Pass



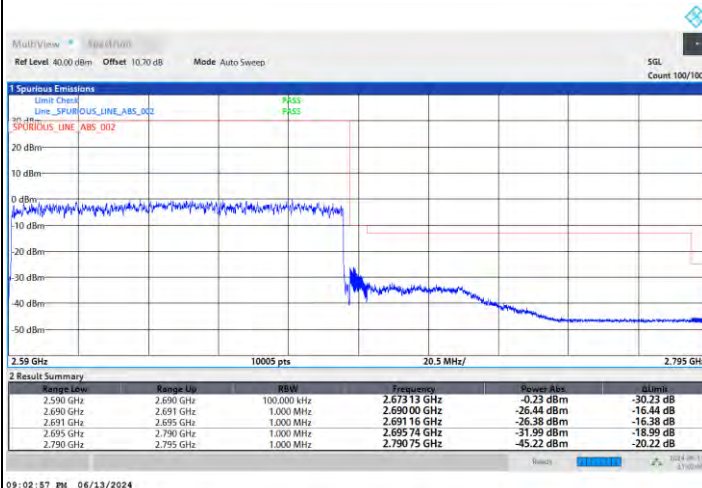


## FR1 n41 / 100MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



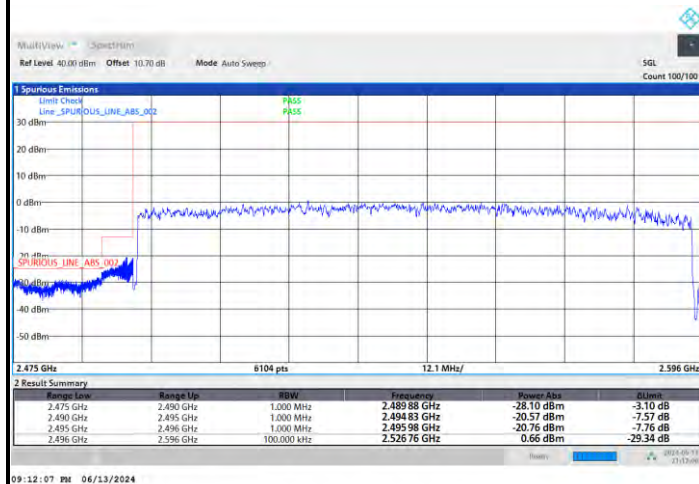
## Power Limit -25dBm &gt; -27.94 dBm Pass





## FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Full RB

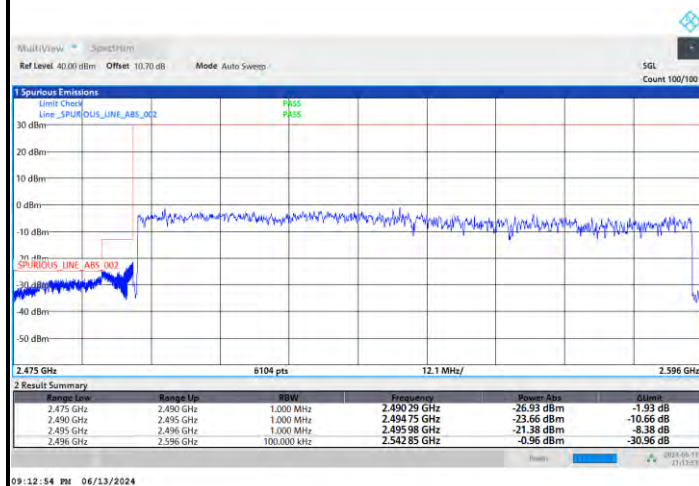


## Highest Band Edge / Full RB

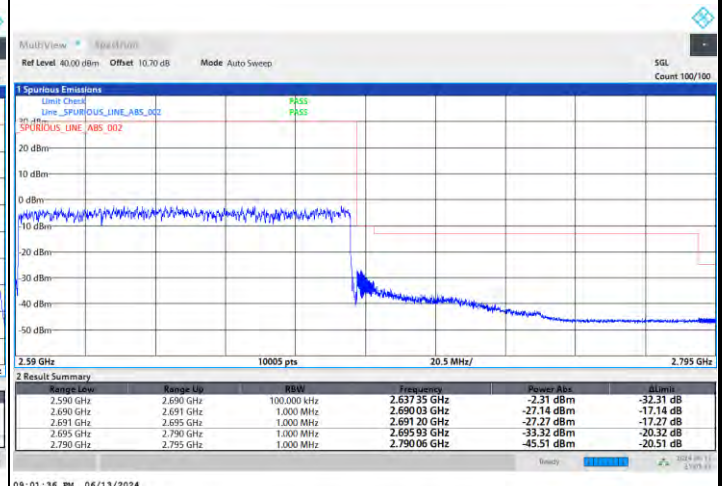


## FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

## Lowest Band Edge / Full RB



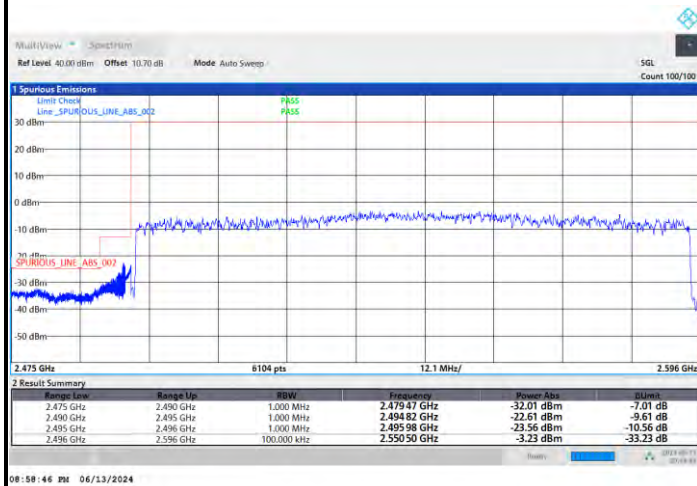
## Highest Band Edge / Full RB





## FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

## Lowest Band Edge / Full RB

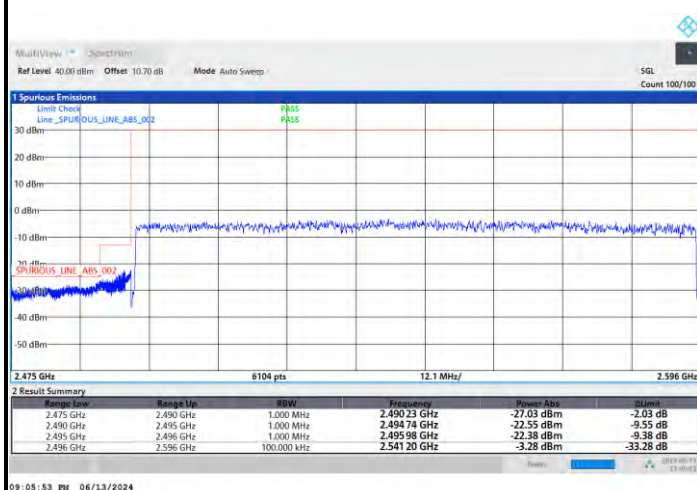


## Highest Band Edge / Full RB

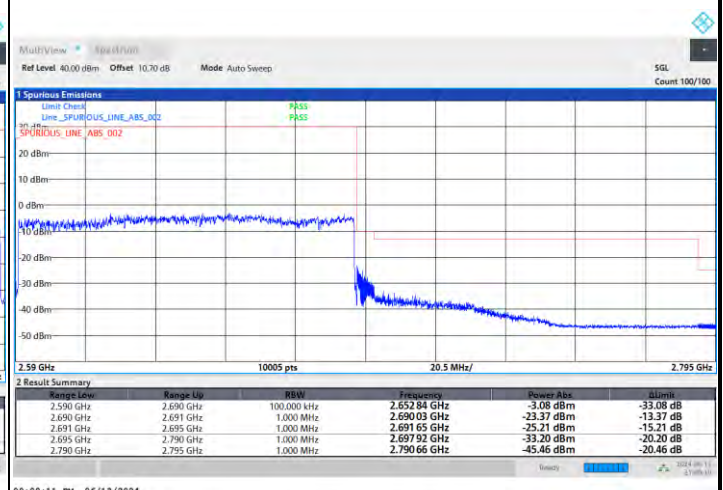


## FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

## Lowest Band Edge



## Highest Band Edge

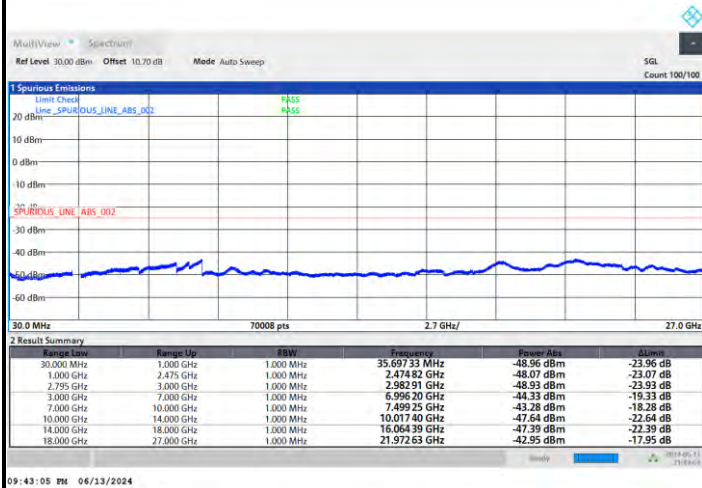




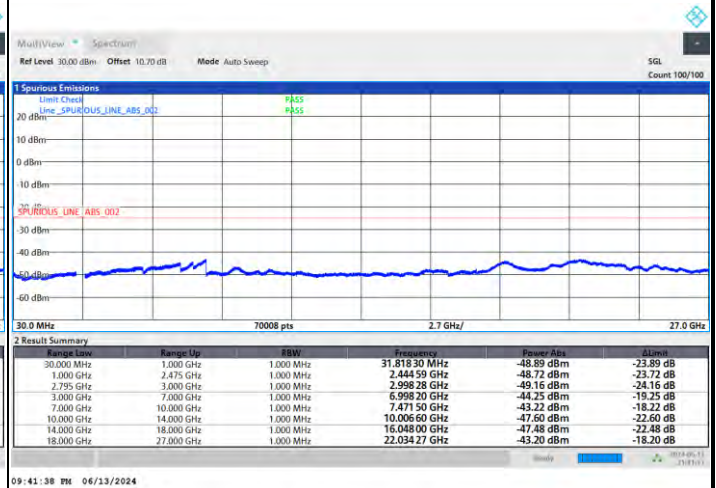
# Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

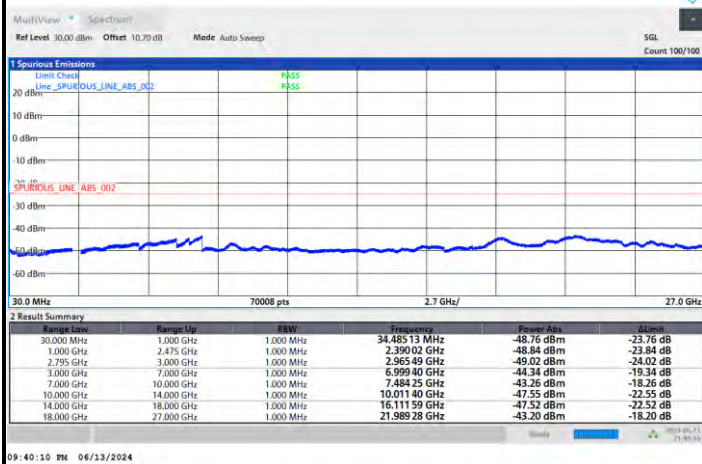
## Lowest Channel



## Middle Channel



## Highest Channel



## Frequency Stability

| Test Conditions     |                   | FR1 n41 (BPSK) / Middle Channel | Limit   |
|---------------------|-------------------|---------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 20MHz                        | Note 2. |
|                     |                   | Deviation (ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0042                          | PASS    |
| 40                  | Normal Voltage    | 0.0043                          |         |
| 30                  | Normal Voltage    | 0.0002                          |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                          |         |
| 10                  | Normal Voltage    | 0.0027                          |         |
| 0                   | Normal Voltage    | 0.0020                          |         |
| -10                 | Normal Voltage    | 0.0024                          |         |
| -20                 | Normal Voltage    | 0.0002                          |         |
| -30                 | Normal Voltage    | 0.0054                          |         |
| 20                  | Maximum Voltage   | 0.0017                          |         |
| 20                  | Normal Voltage    | 0.0002                          |         |
| 20                  | Battery End Point | 0.0004                          |         |

**Note:**

1. Normal Voltage = 3.9 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



&lt;TxD Mode&gt;

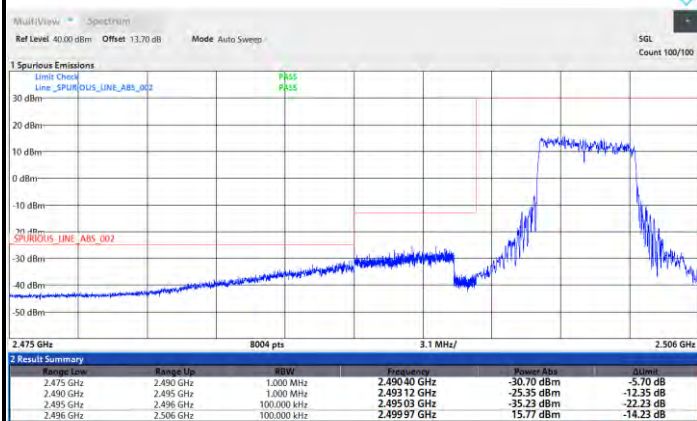
MIMO &lt;Ant. 2+1&gt; (Ant. 2)

Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

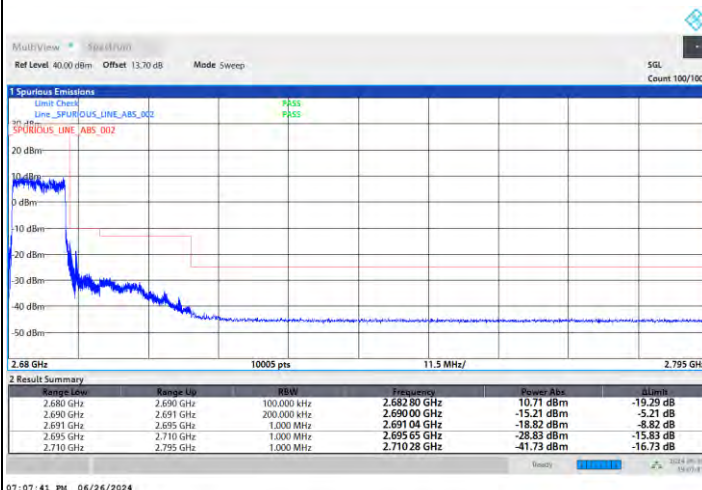
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





## FR1 n41 / 10MHz / DFT-S OFDM / QPSK

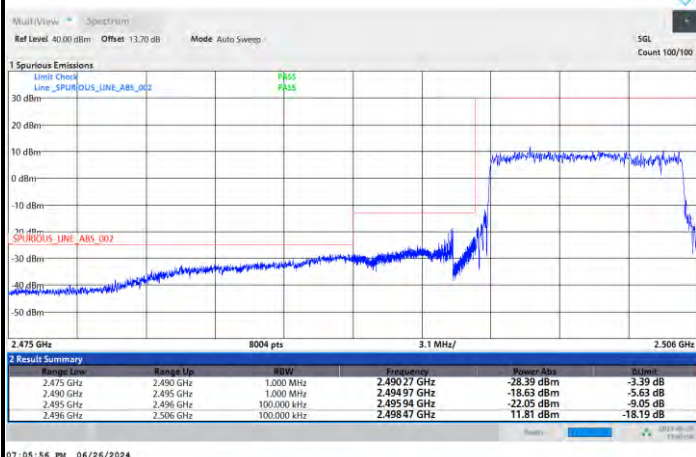
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB





## FR1 n41 / 10MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

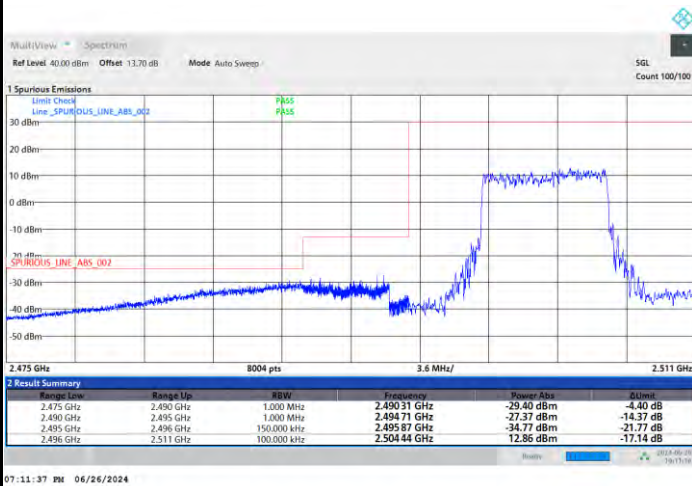




## FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

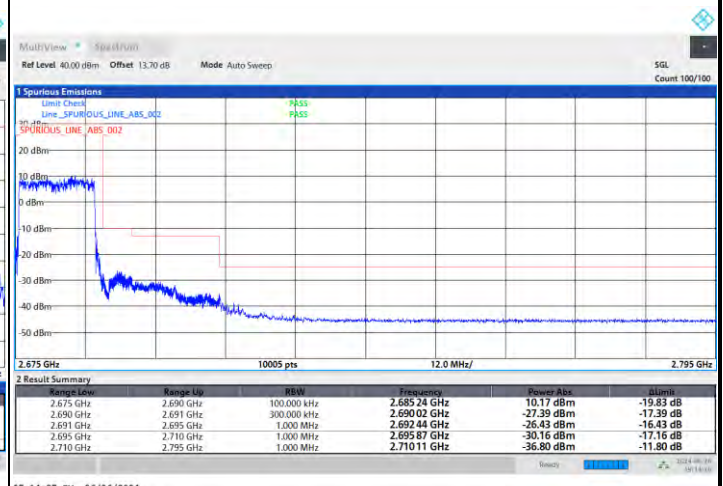
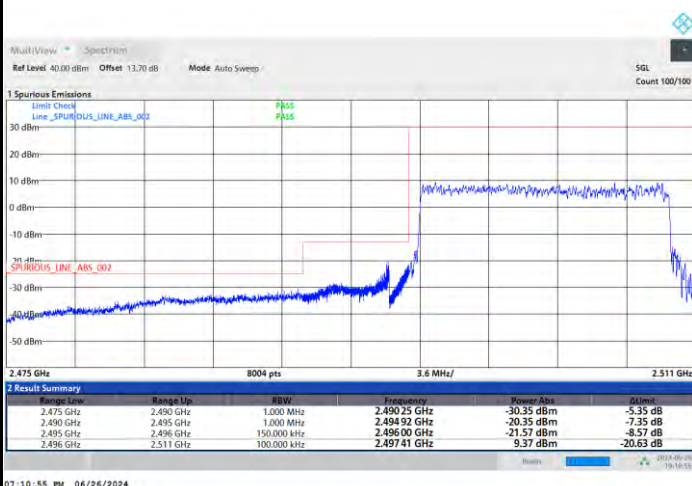
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

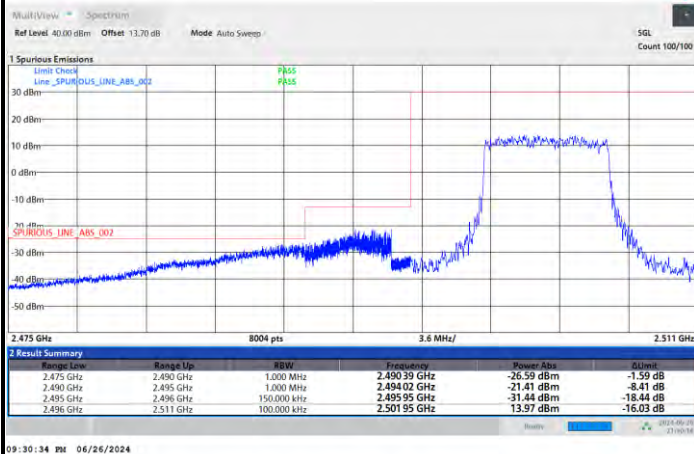




## FR1 n41 / 15MHz / DFT-S OFDM / QPSK

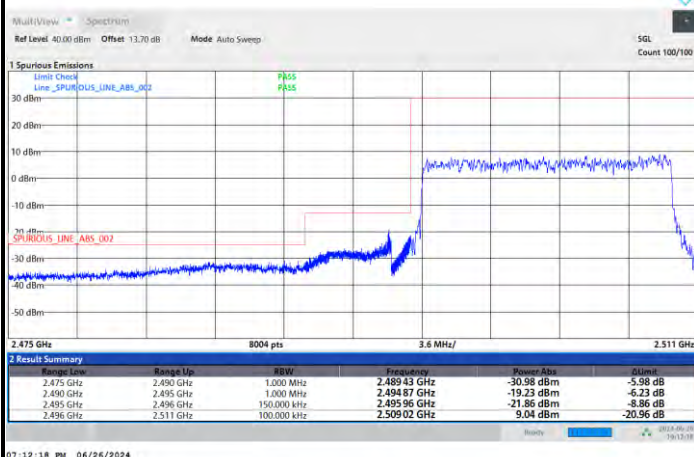
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

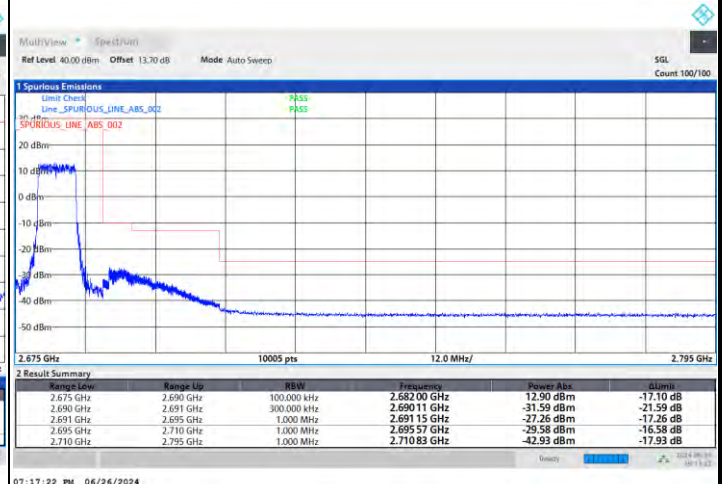
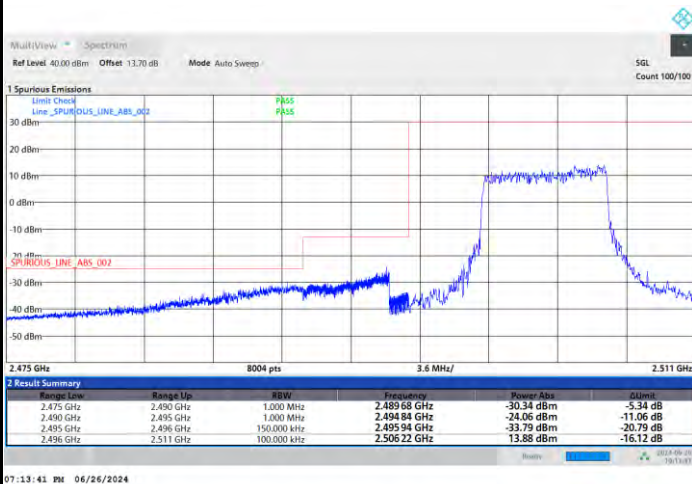




## FR1 n41 / 15MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

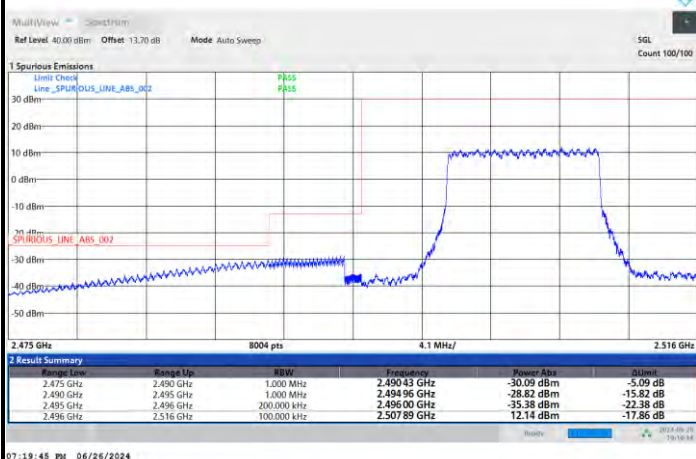




## FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

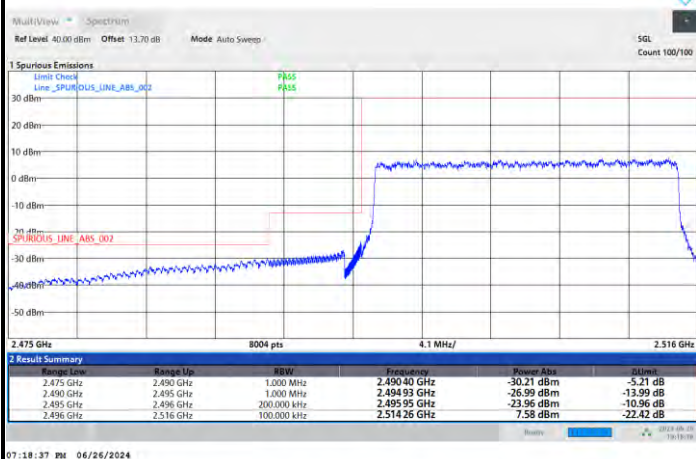
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

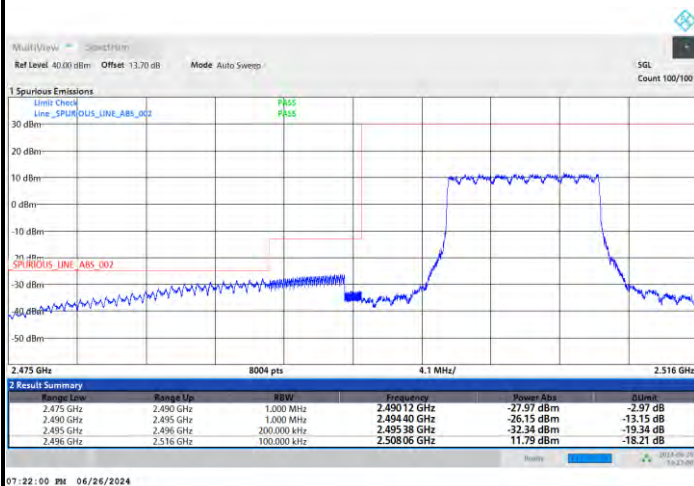




## FR1 n41 / 20MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

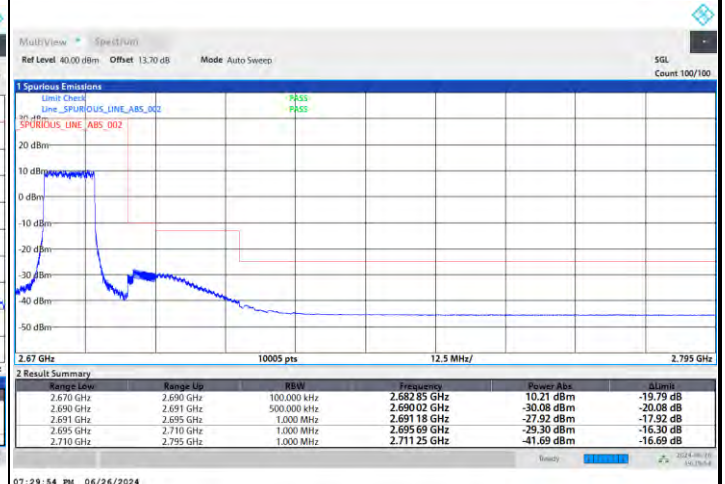
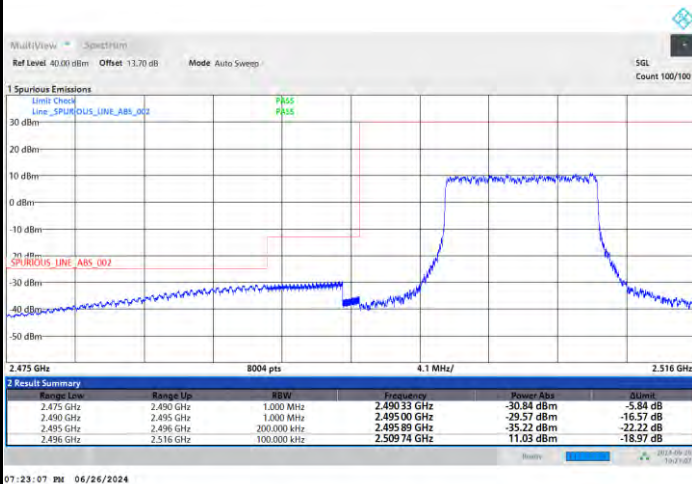




## FR1 n41 / 20MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

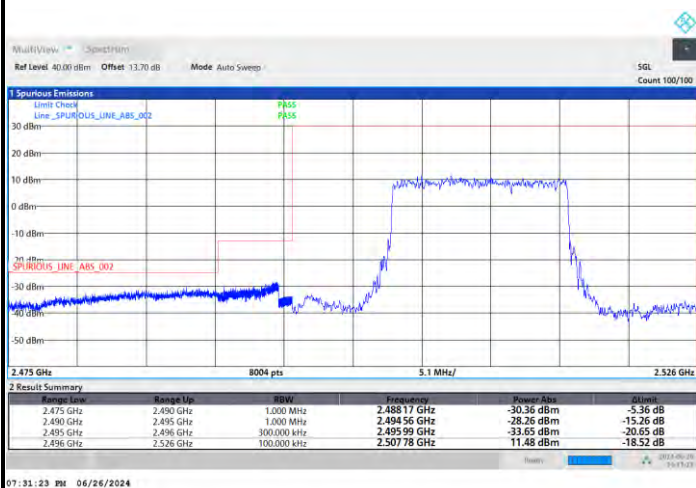




## FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

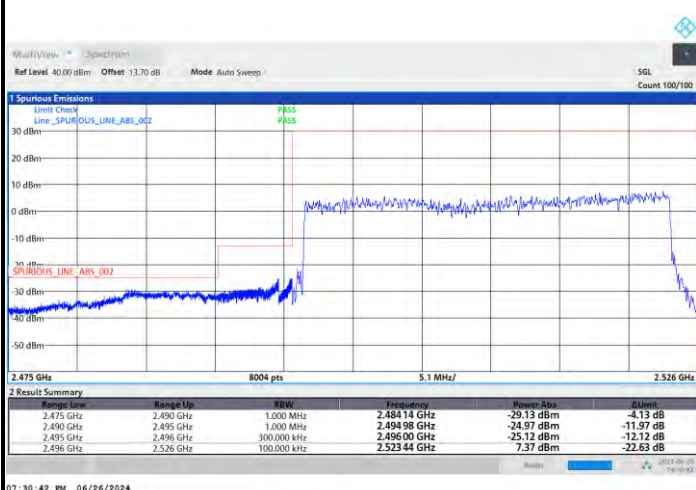
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

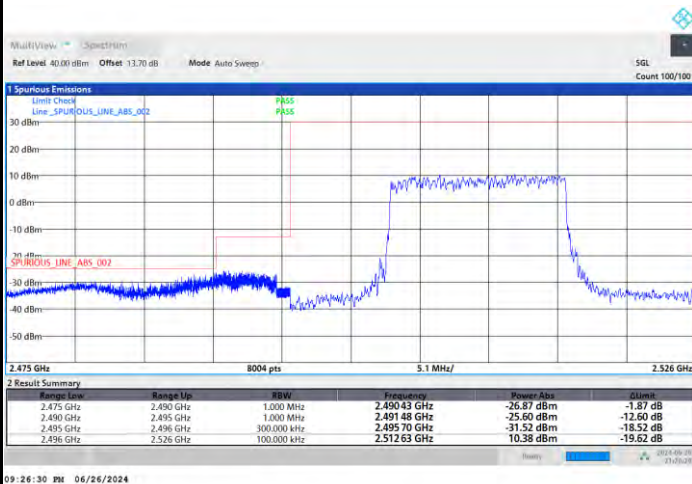




## FR1 n41 / 30MHz / DFT-S OFDM / QPSK

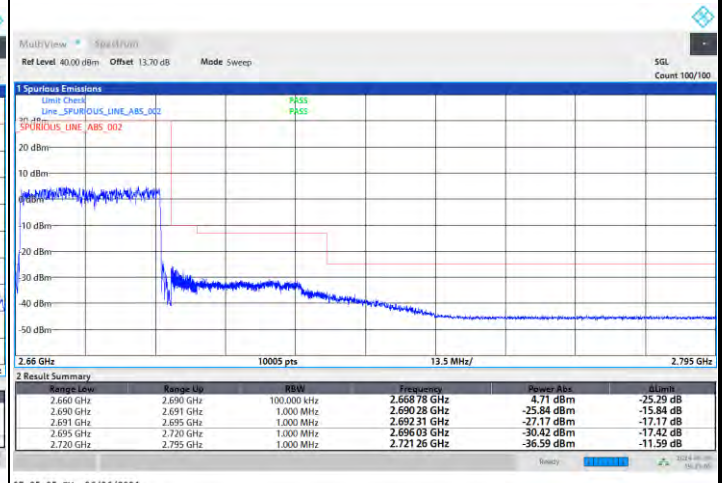
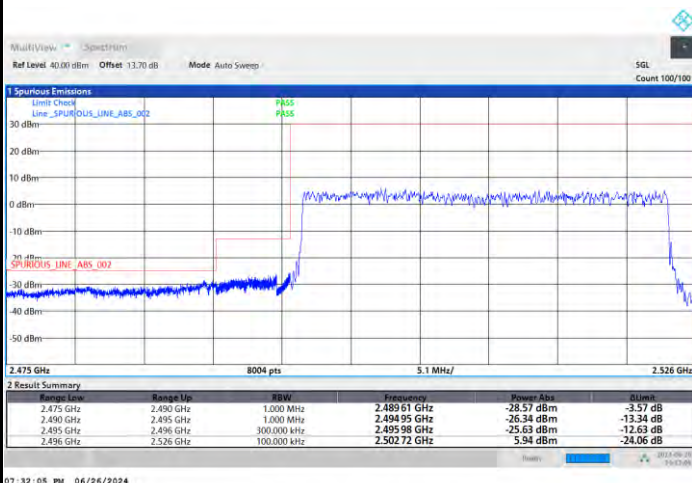
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

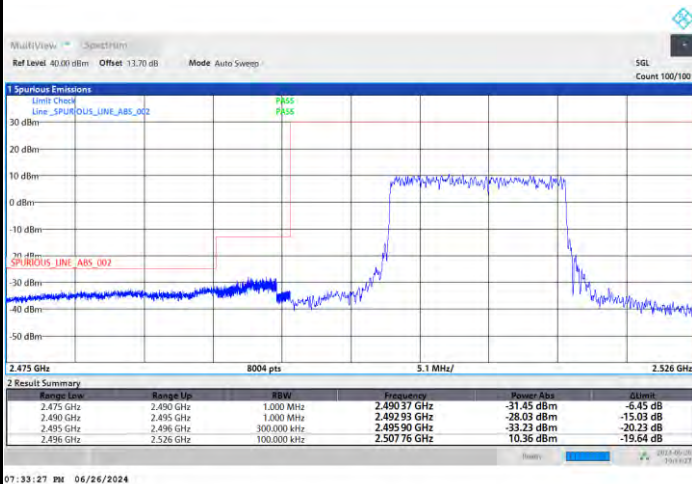




## FR1 n41 / 30MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

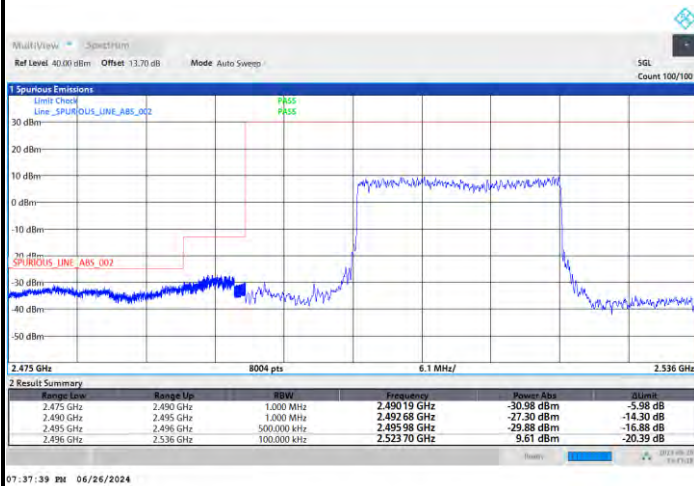




## FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

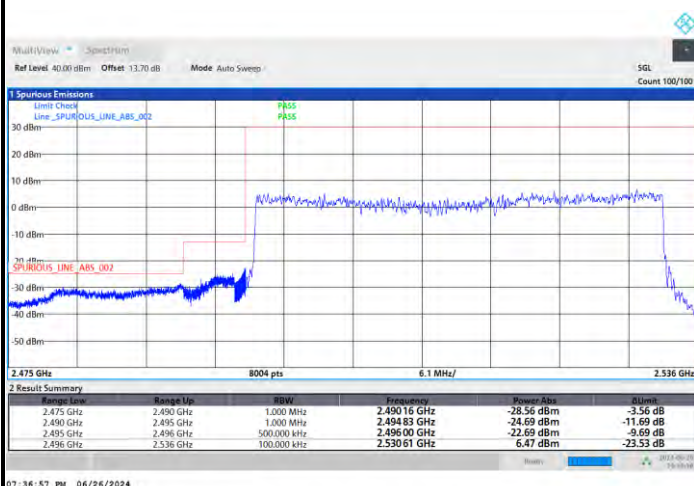
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

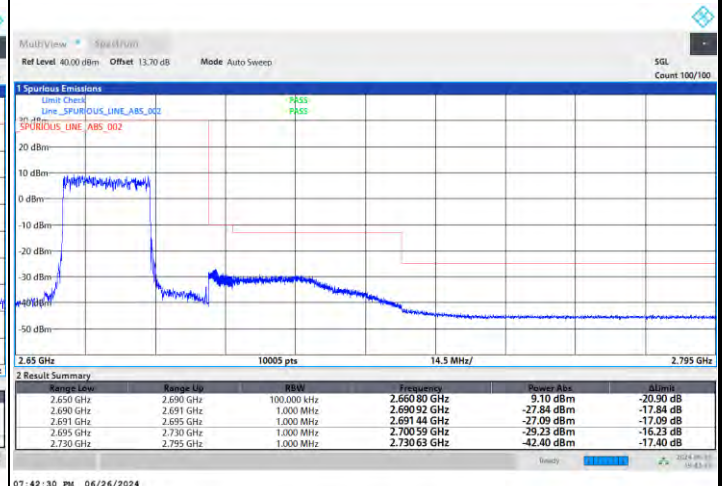
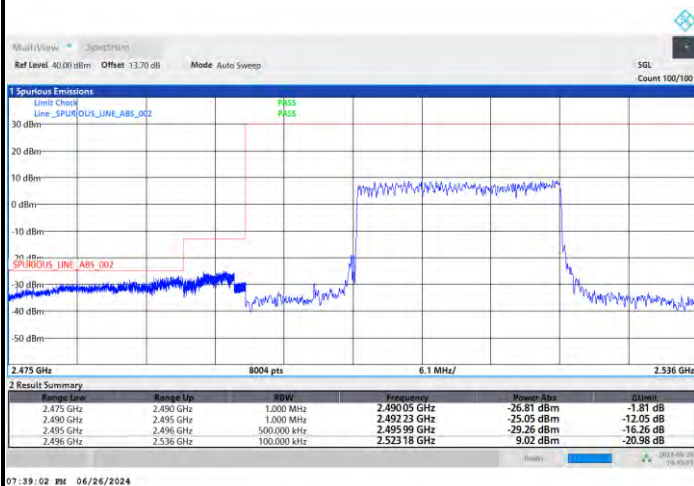




## FR1 n41 / 40MHz / DFT-S OFDM / QPSK

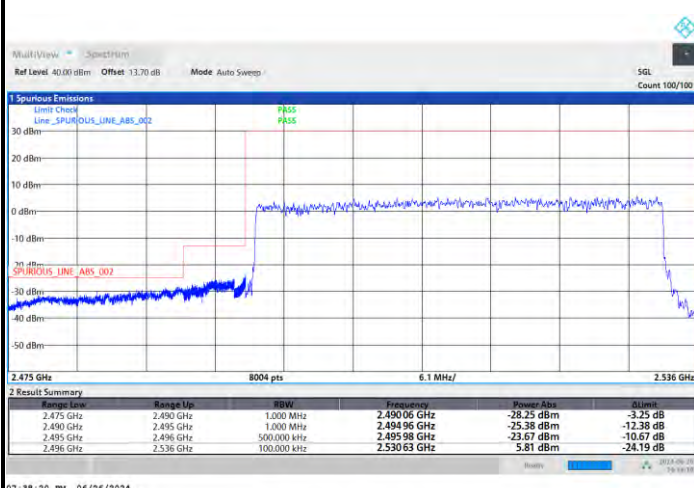
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

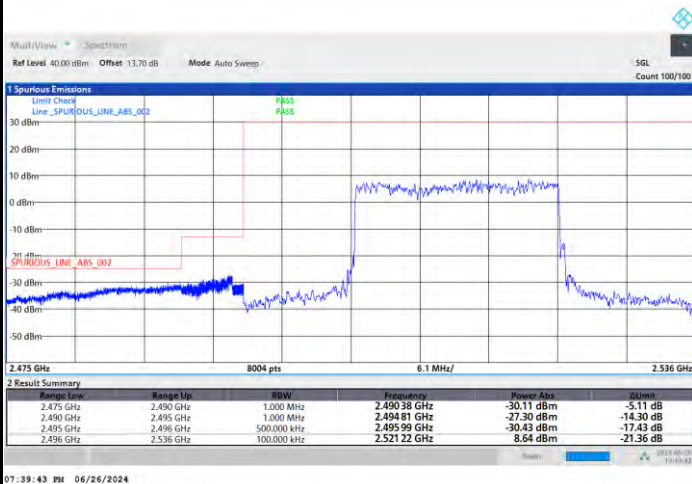




## FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

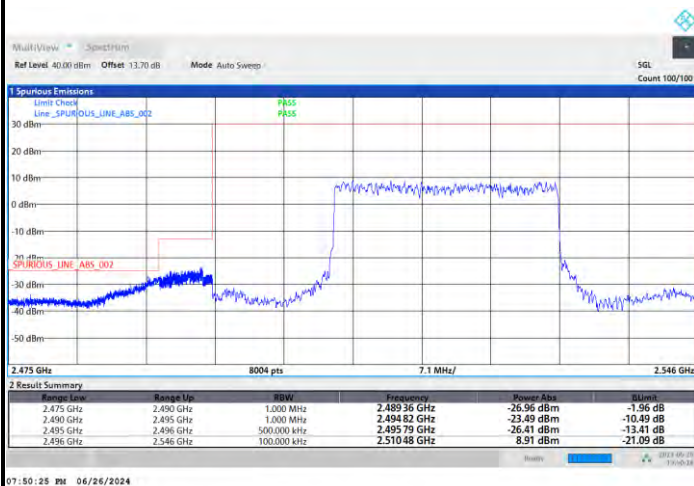




## FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

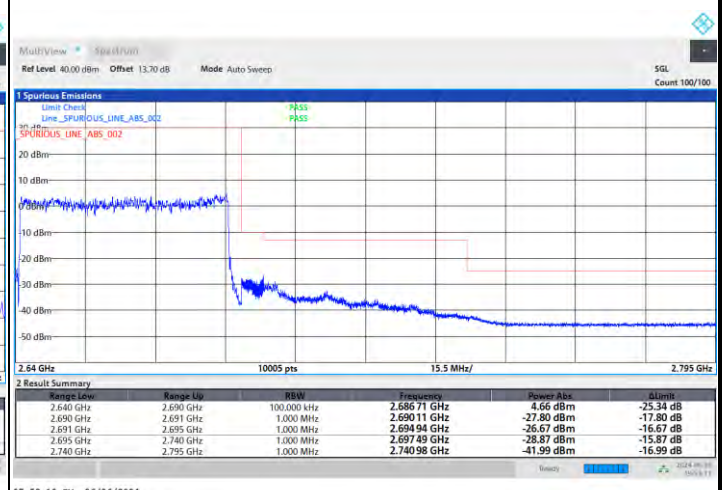
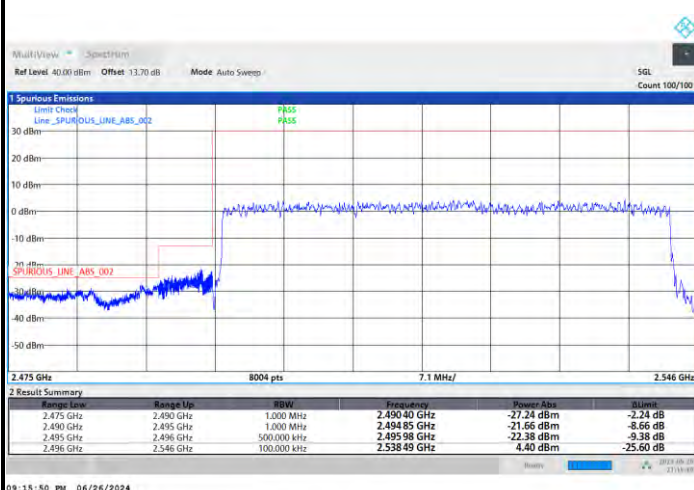
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

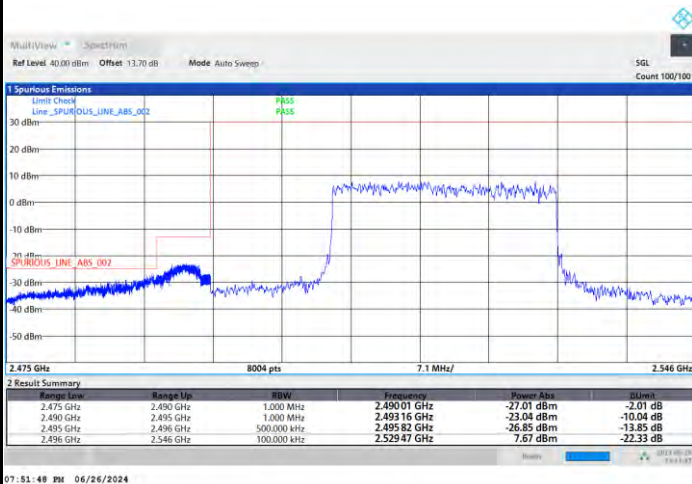




## FR1 n41 / 50MHz / DFT-S OFDM / QPSK

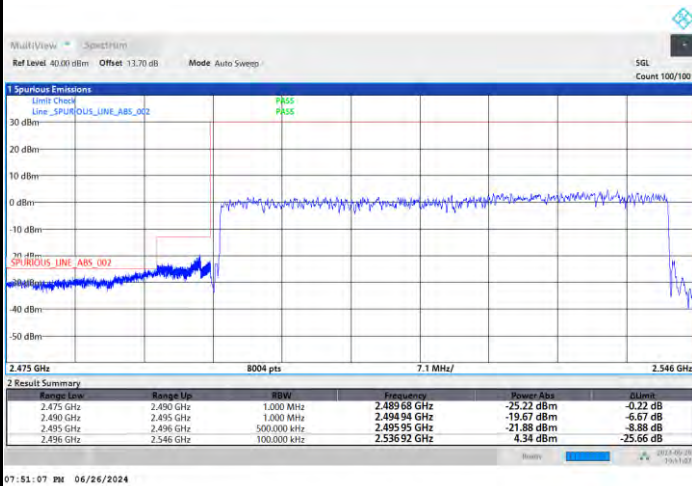
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

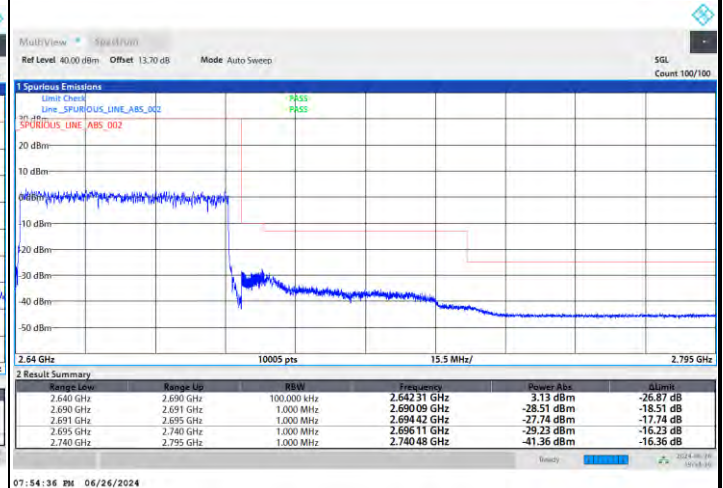




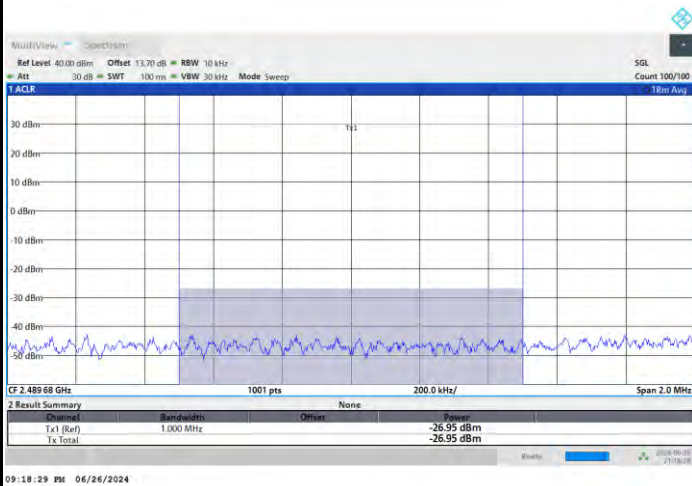
## Lowest Band Edge / Outter Full RB



## Highest Band Edge / Outter Full RB



## Power Limit -25dBm &gt; -26.95 dBm Pass

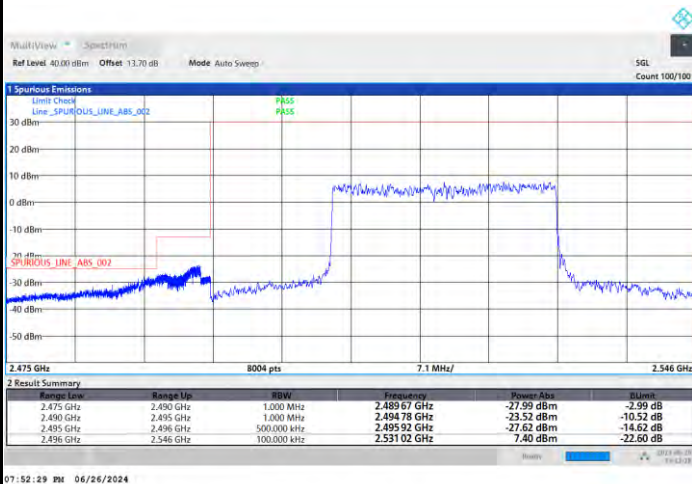




## FR1 n41 / 50MHz / DFT-S OFDM / 16QAM

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB

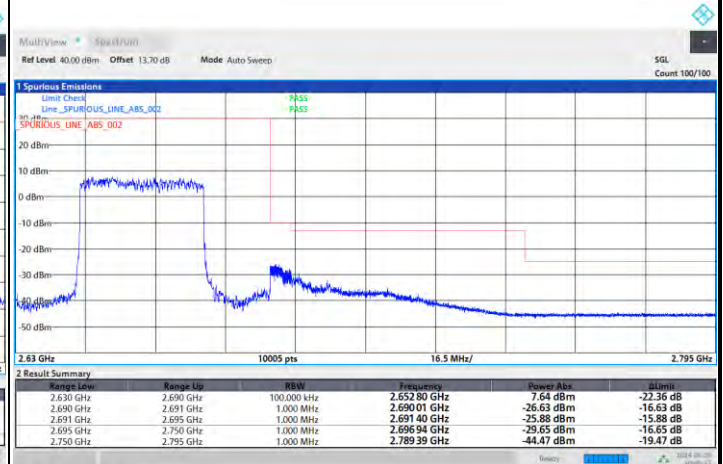
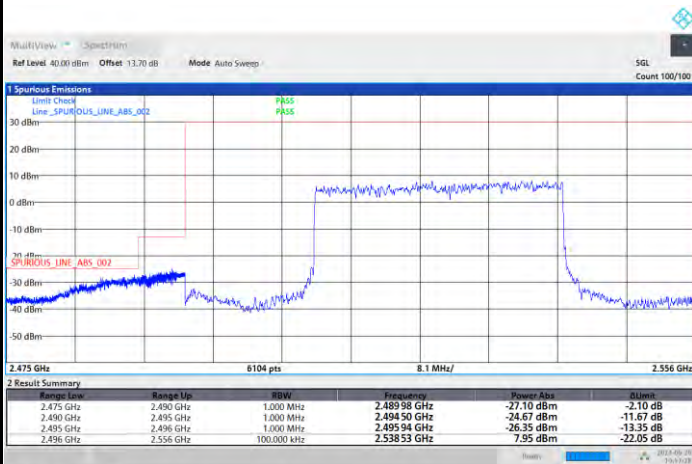




## FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

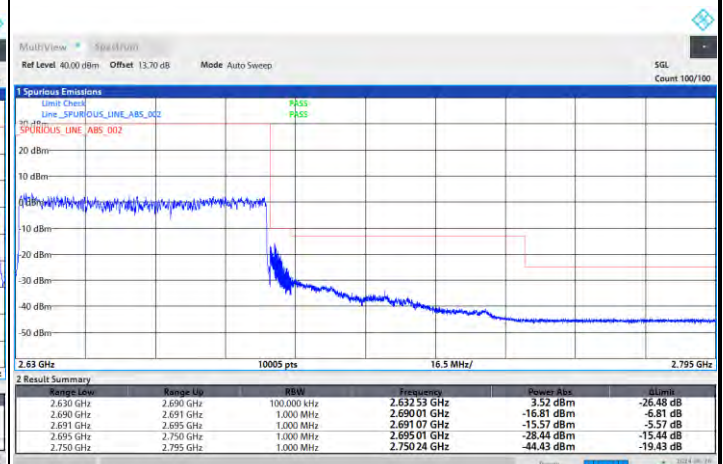
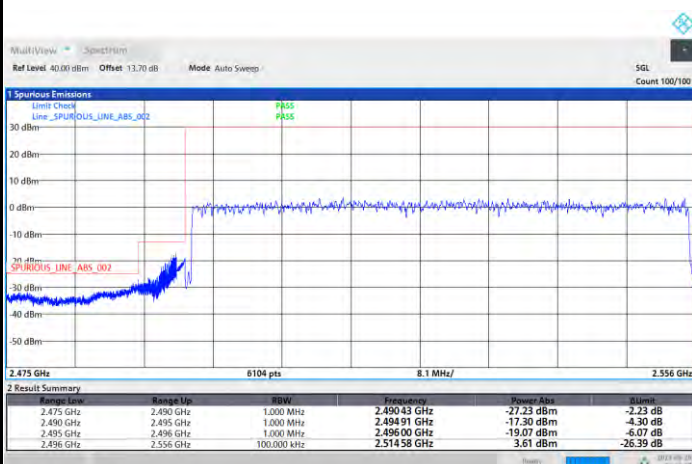
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

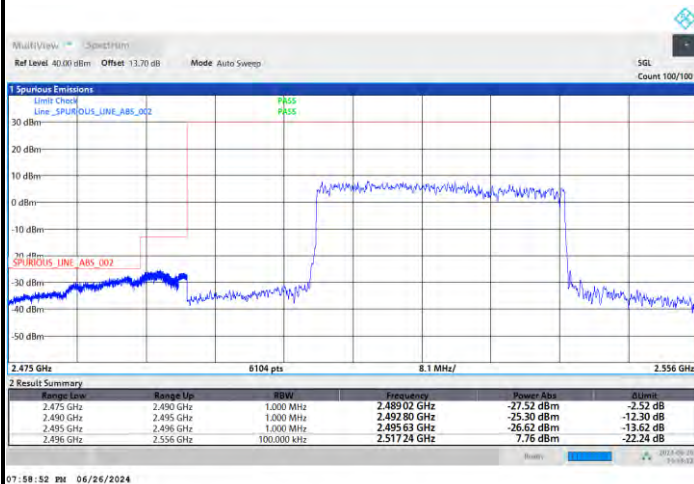




## FR1 n41 / 60MHz / DFT-S OFDM / QPSK

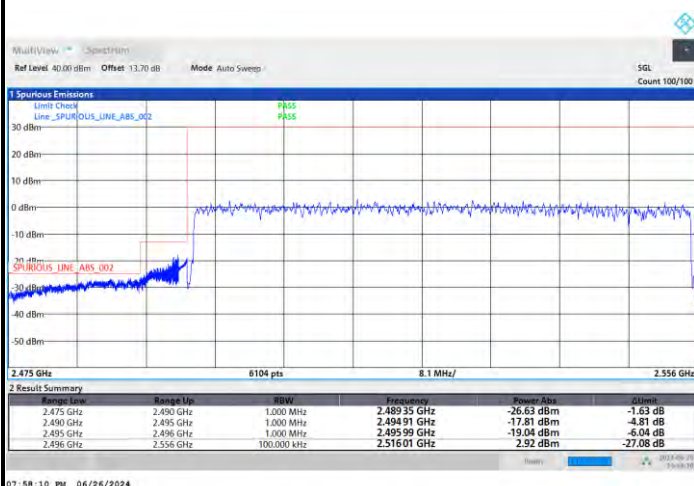
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

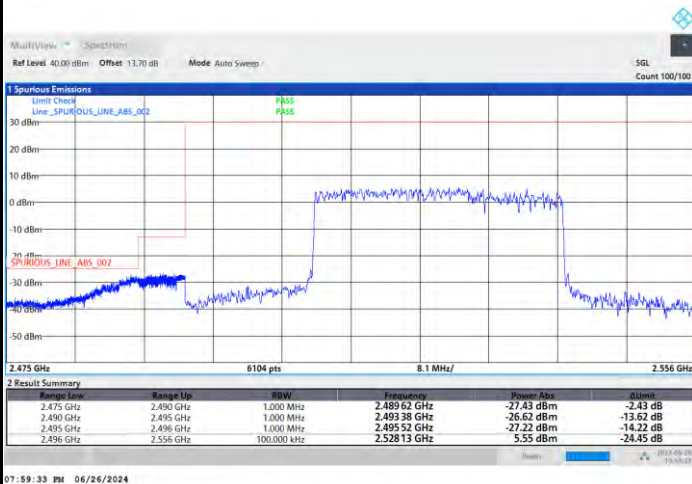




## FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

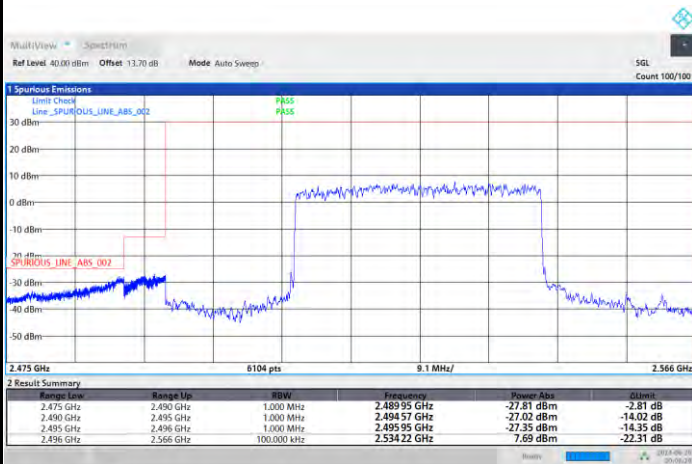
## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



**FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK**

### Lowest Band Edge / Inner Full RB



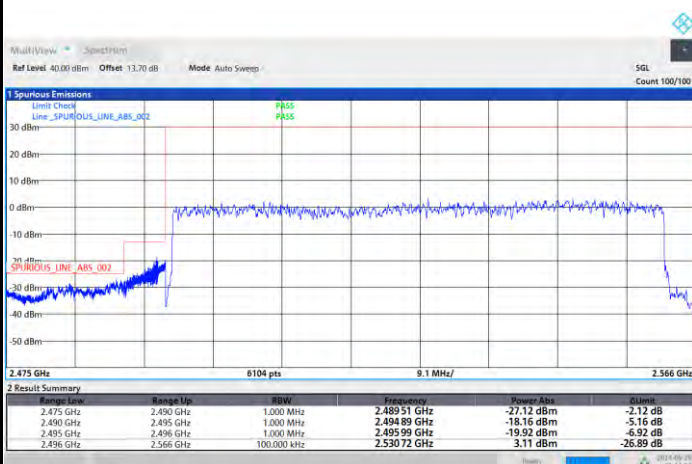
08:08:30 PM 06/26/2024

### Highest Band Edge / Inner Full RB



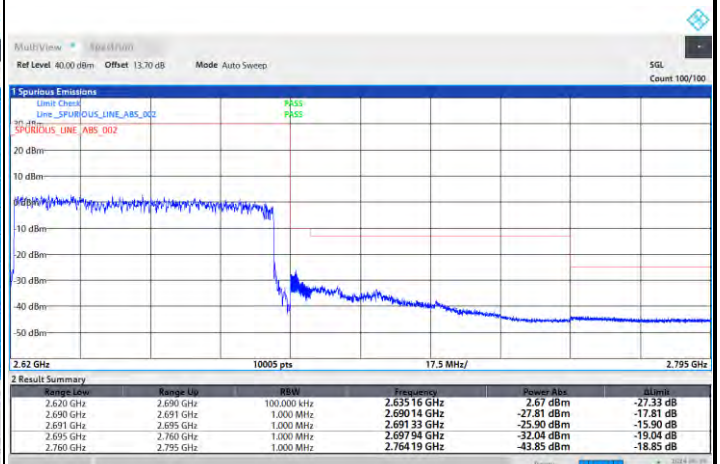
08:11:59 PM 06/26/2024

### Lowest Band Edge / Outter Full RB



09:14:25 PM 06/26/2024

### Highest Band Edge / Outter Full RB



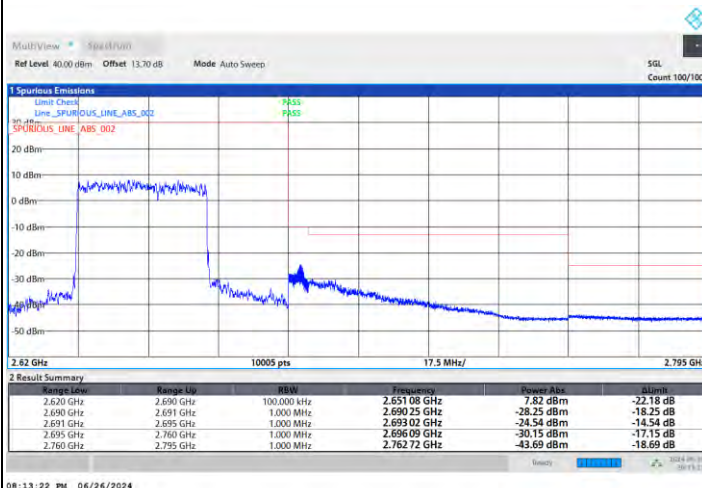
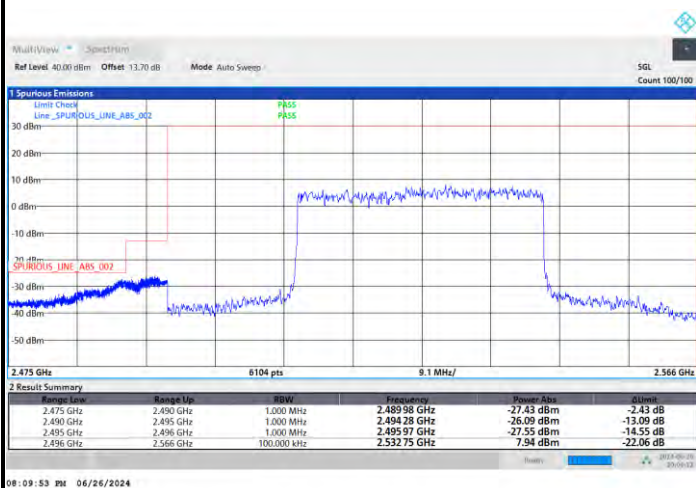
08:11:17 PM 05/26/2024



## FR1 n41 / 70MHz / DFT-S OFDM / QPSK

## Lowest Band Edge / Inner Full RB

## Highest Band Edge / Inner Full RB



## Lowest Band Edge / Outer Full RB

## Highest Band Edge / Outer Full RB

