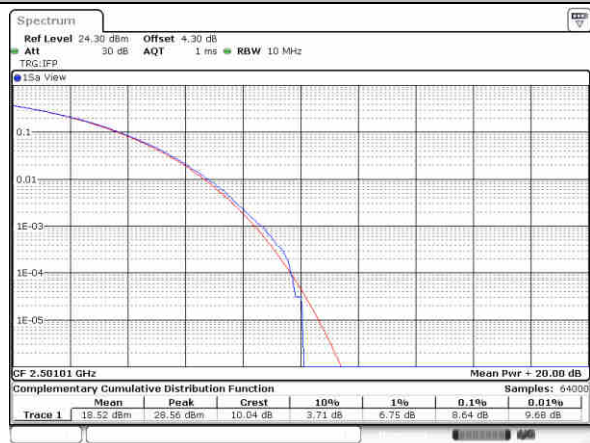




## FR1 UL-MIMO n41 / 20MHz / CP-OFDM

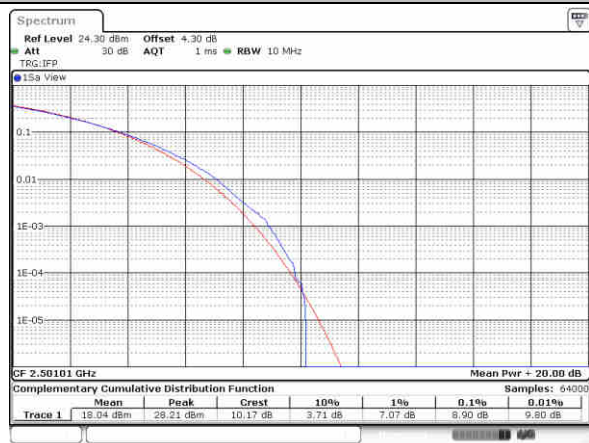
## QPSK(M2)

## Lowest Channel / Full RB

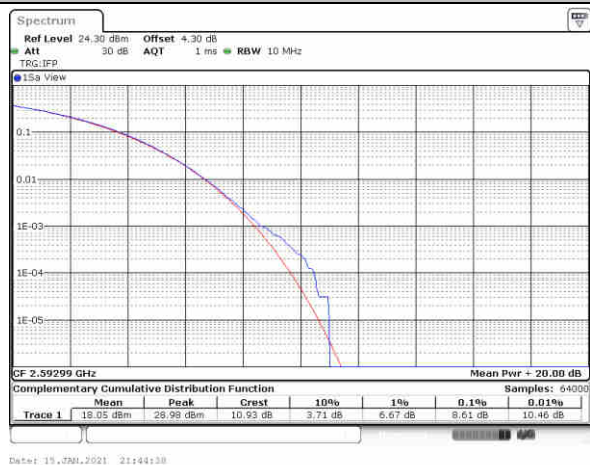


## QPSK(M)

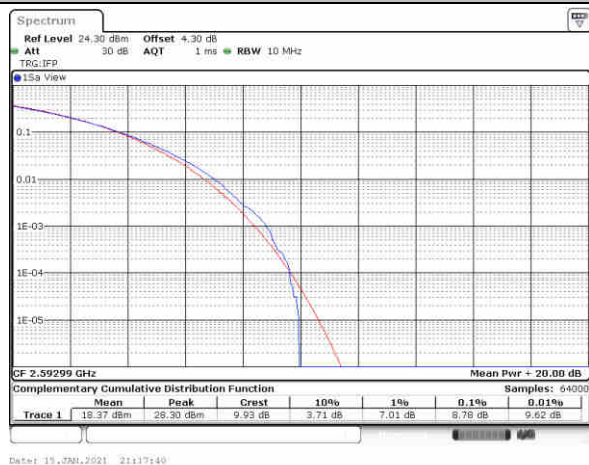
## Lowest Channel / Full RB



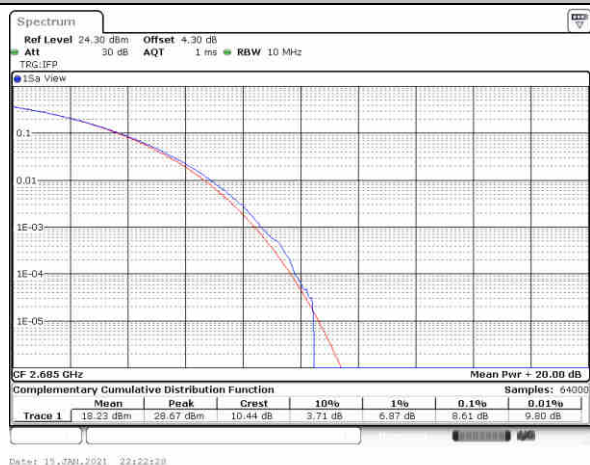
## Middle Channel / Full RB



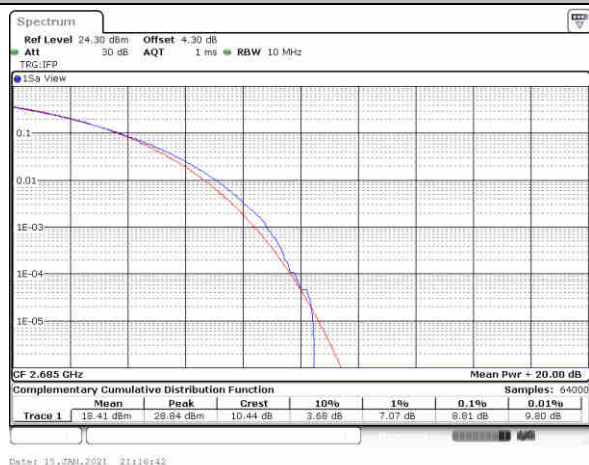
## Middle Channel / Full RB



## Highest Channel / Full RB



## Highest Channel / Full RB



**26dB Bandwidth**

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 10MHz                                    | 10MHz | 10MHz | 10MHz  | 10MHz | 10MHz | 10MHz | 10MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 9.33                                     | 9.07  | 9.07  | 9.23   | 9.31  | 8..93 | 9.31  | 9.09   |

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 15MHz                                    | 15MHz | 15MHz | 15MHz  | 15MHz | 15MHz | 15MHz | 15MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 14.57                                    | 14.33 | 14.42 | 14.3   | 14.72 | 14.51 | 14.30 | 14.54  |

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 30MHz                                    | 30MHz | 30MHz | 30MHz  | 30MHz | 30MHz | 30MHz | 30MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 28.71                                    | 28.77 | 28.77 | 28.71  | 28.95 | 28.95 | 28.95 | 29.07  |

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 40MHz                                    | 40MHz | 40MHz | 40MHz  | 40MHz | 40MHz | 40MHz | 40MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 40.44                                    | 40.2  | 40.36 | 40.28  | 40.52 | 40.28 | 40.36 | 40.2   |

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 50MHz                                    | 50MHz | 50MHz | 50MHz  | 50MHz | 50MHz | 50MHz | 50MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 49.75                                    | 49.75 | 49.85 | 49.65  | 49.75 | 49.75 | 49.65 | 49.75  |

| Mode      | FR1 UL-MIMO n41 : 26dB BW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|------------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                       |       |       |        | M     |       |       |        |
| BW        | 80MHz                                    | 80MHz | 80MHz | 80MHz  | 80MHz | 80MHz | 80MHz | 80MHz  |
| Mod.      | QPSK                                     | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 80.08                                    | 79.92 | 80.08 | 79.92  | 79.92 | 79.92 | 79.92 | 80.08  |



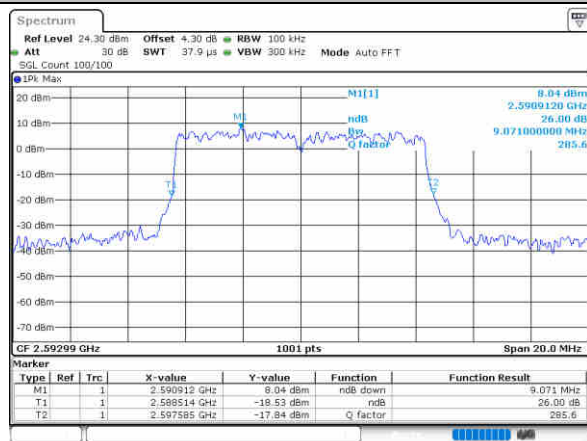
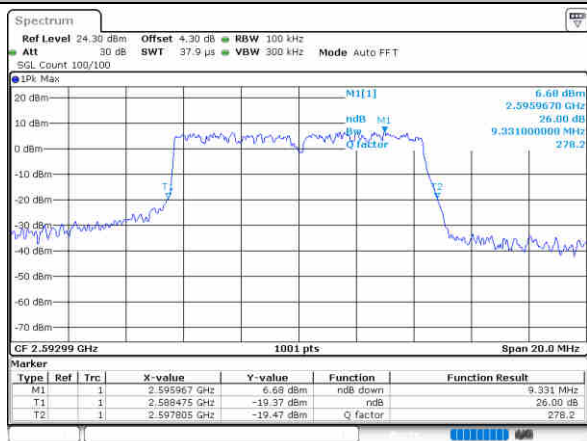
## FR1 UL-MIMO n41 / 10MHz / CP-OFDM (M2)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

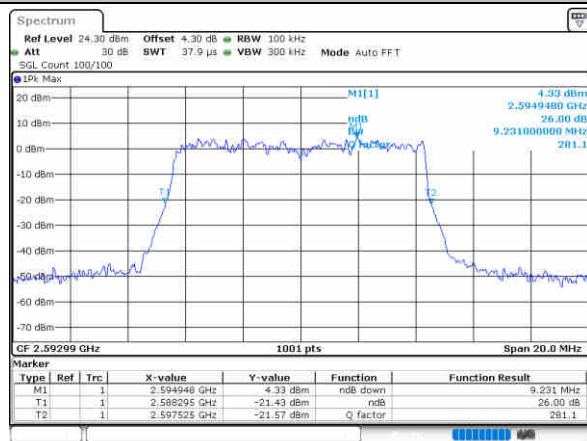
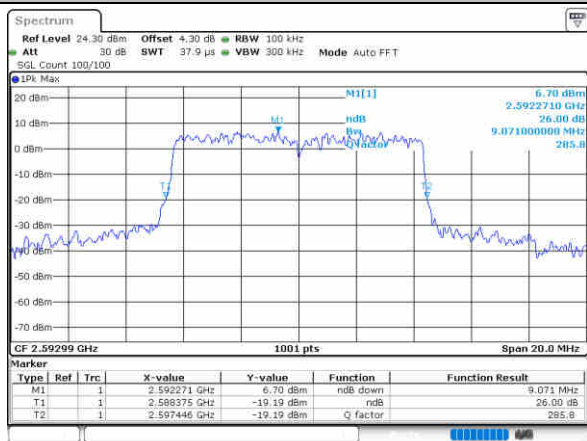


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

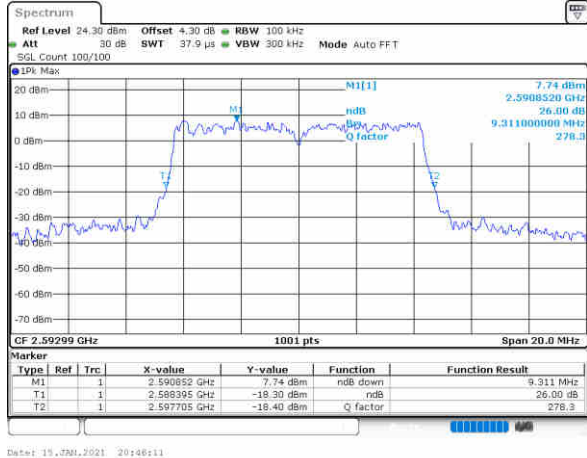




## FR1 UL-MIMO n41 / 10MHz / CP-OFDM (M)

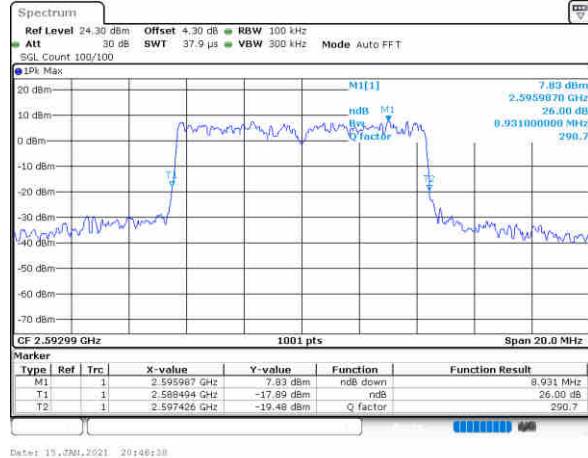
## QPSK

## Middle Channel



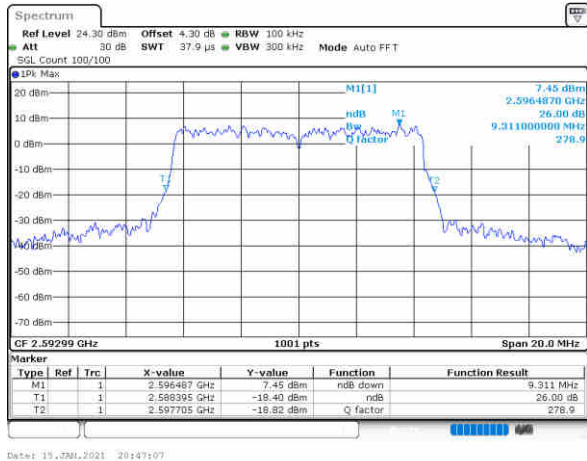
## 16QAM

## Middle Channel



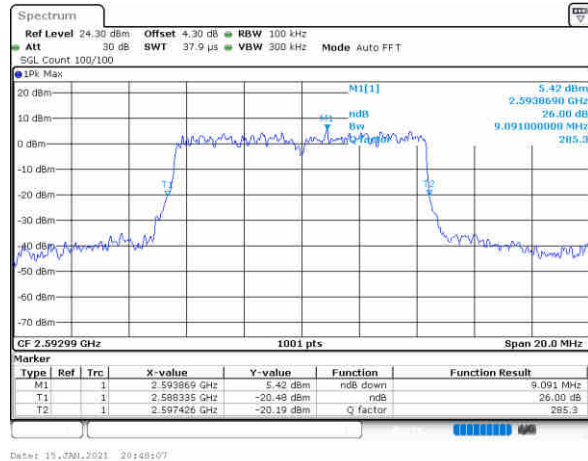
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





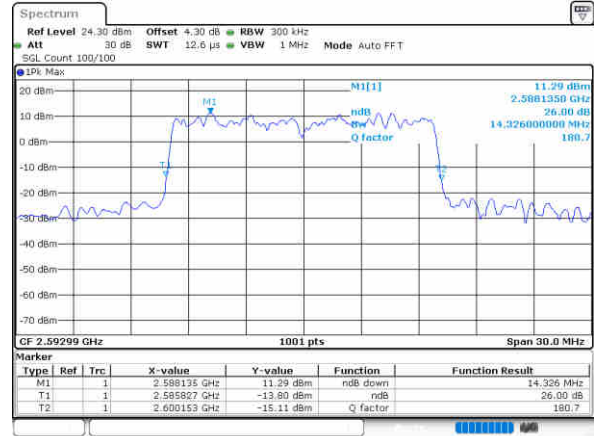
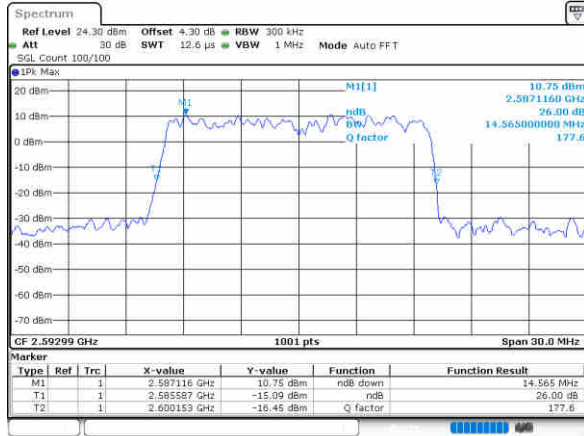
## FR1 UL-MIMO n41 / 15MHz / CP-OFDM (M2)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

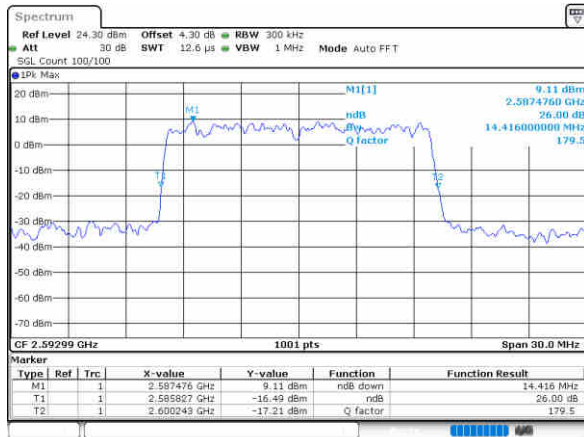


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

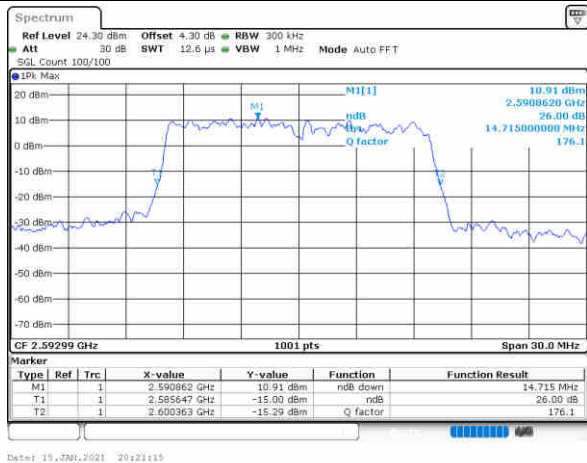




## FR1 UL-MIMO n41 / 15MHz / CP-OFDM (M)

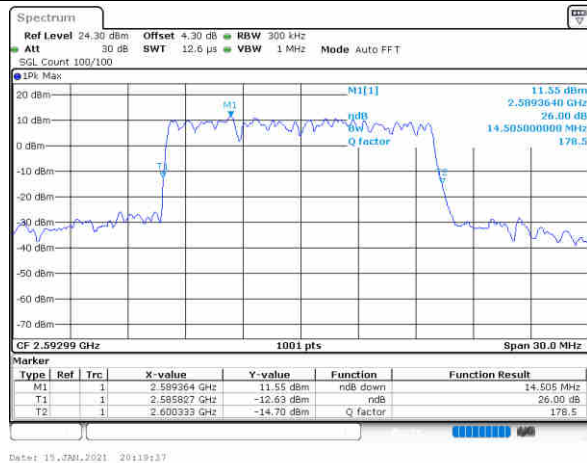
## QPSK

## Middle Channel



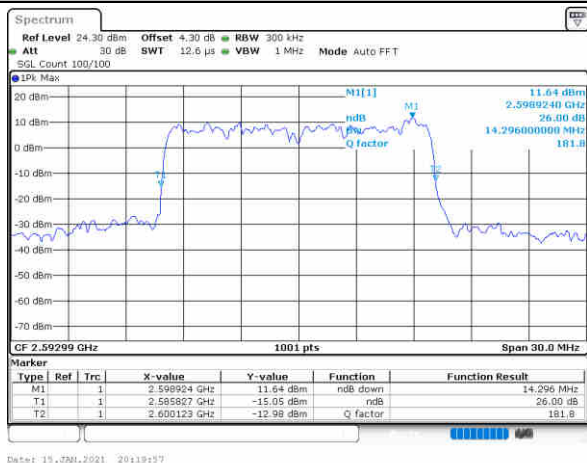
## 16QAM

## Middle Channel



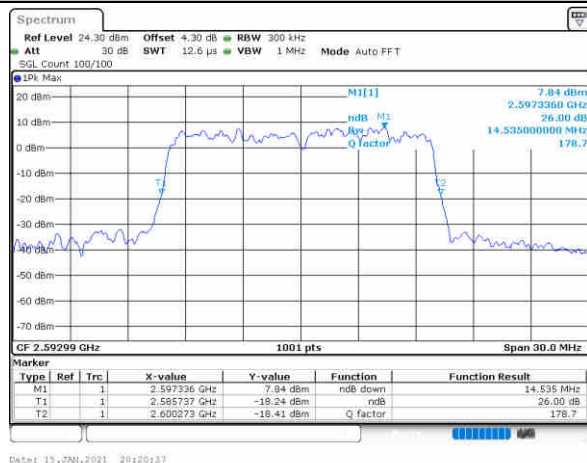
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel

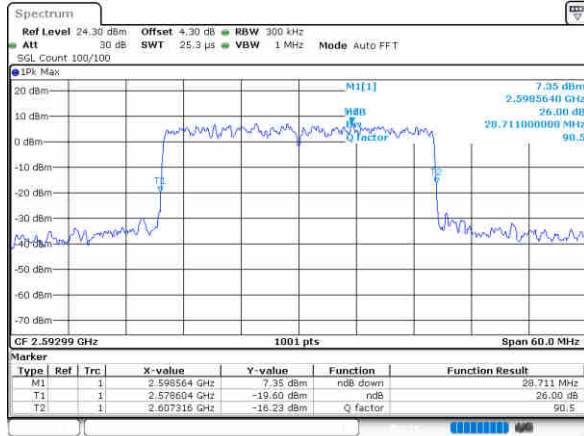




## FR1 UL-MIMO n41 / 30MHz / CP-OFDM (M2)

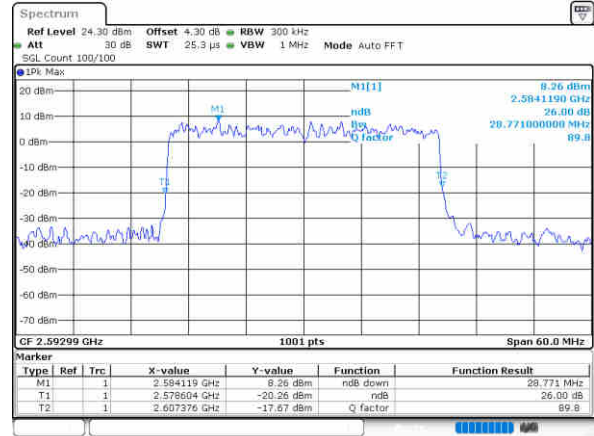
## QPSK

## Middle Channel



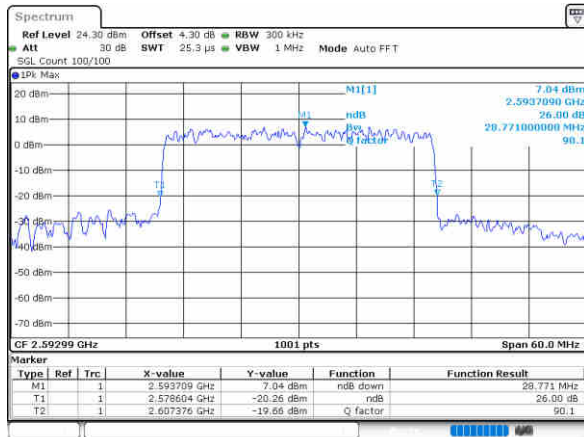
## 16QAM

## Middle Channel



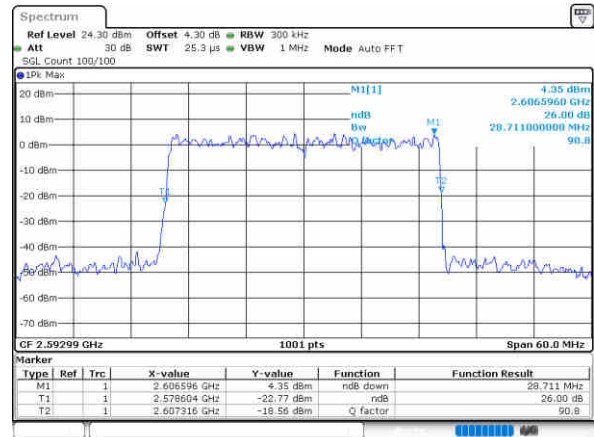
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel

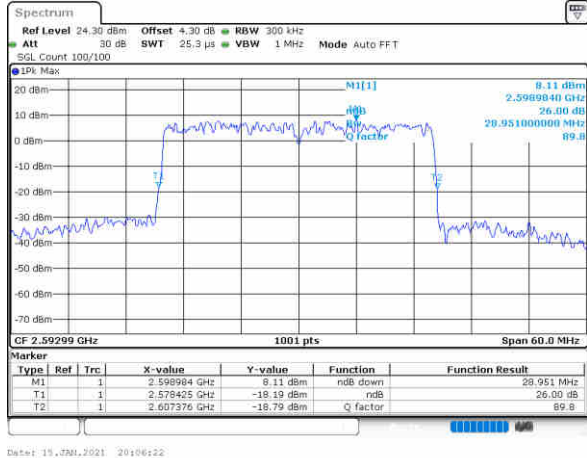




## FR1 UL-MIMO n41 / 30MHz / CP-OFDM (M)

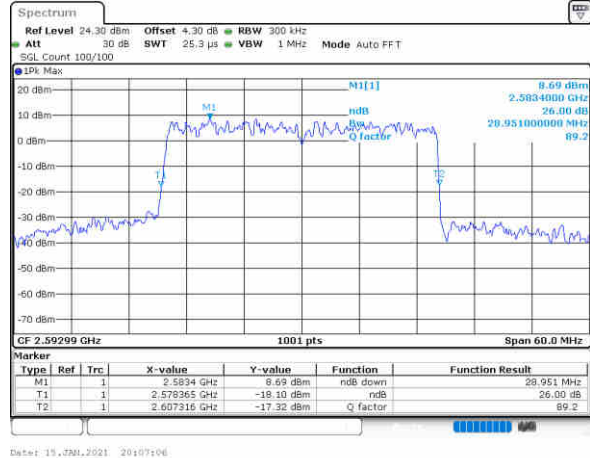
## QPSK

## Middle Channel



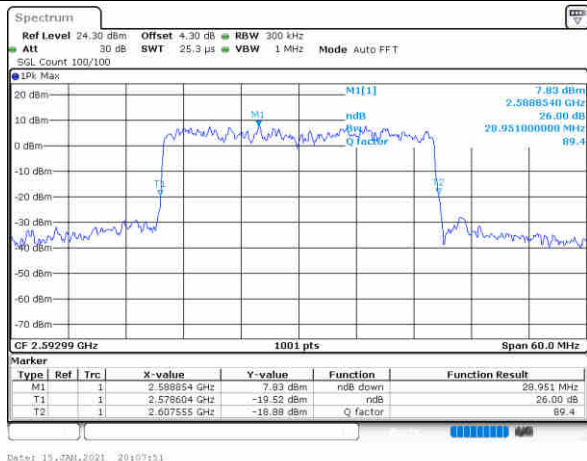
## 16QAM

## Middle Channel



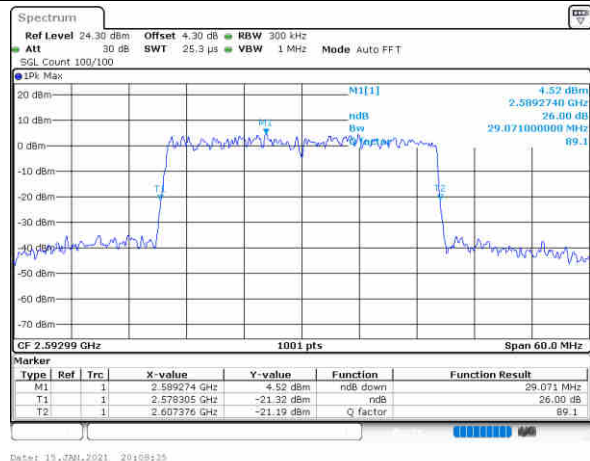
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel

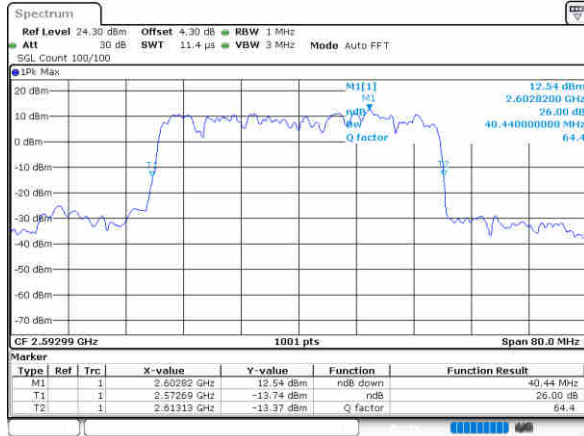




## FR1 UL-MIMO n41 / 40MHz / CP-OFDM (M2)

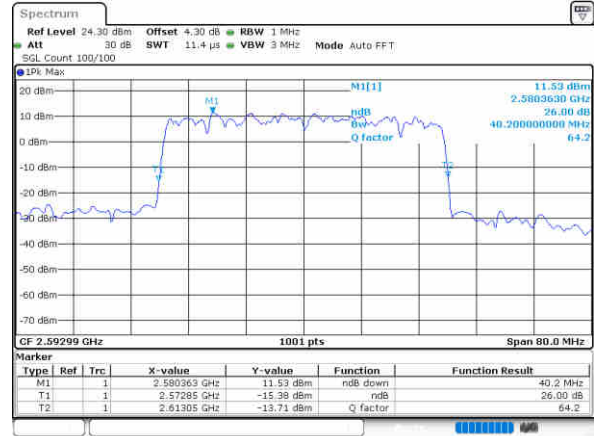
## QPSK

## Middle Channel



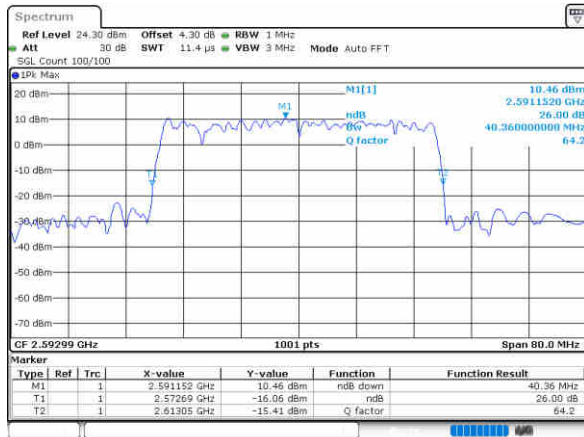
## 16QAM

## Middle Channel



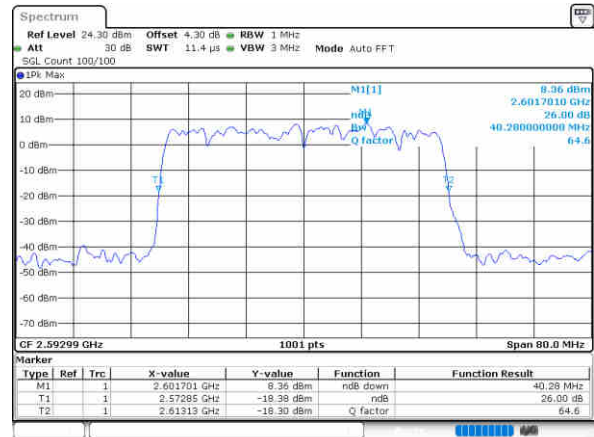
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





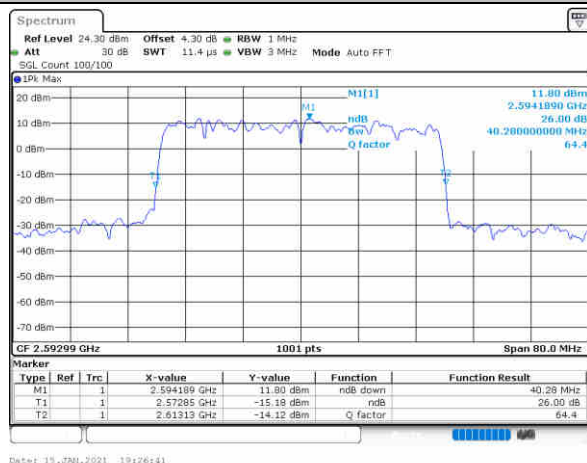
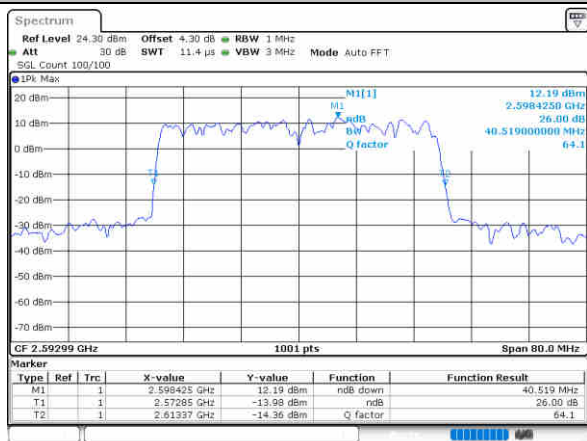
## FR1 UL-MIMO n41 / 40MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

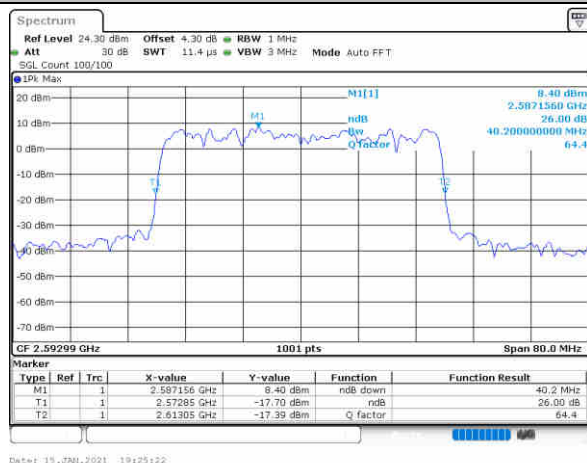
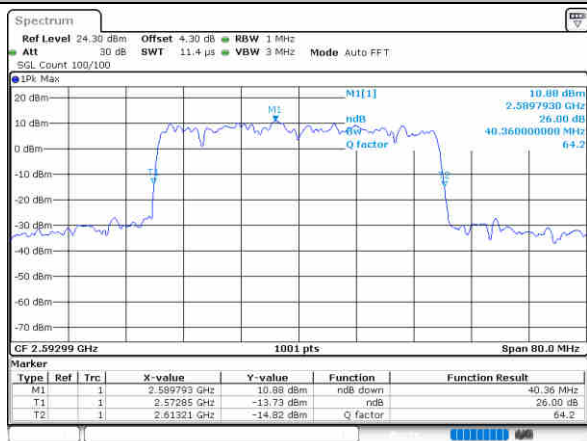


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

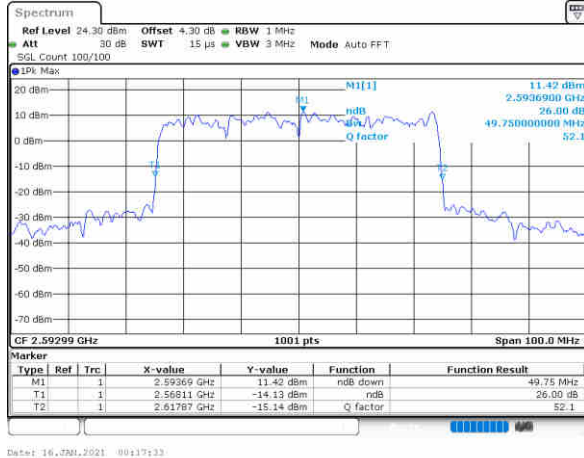




## FR1 UL-MIMO n41 / 50MHz / CP-OFDM (M2)

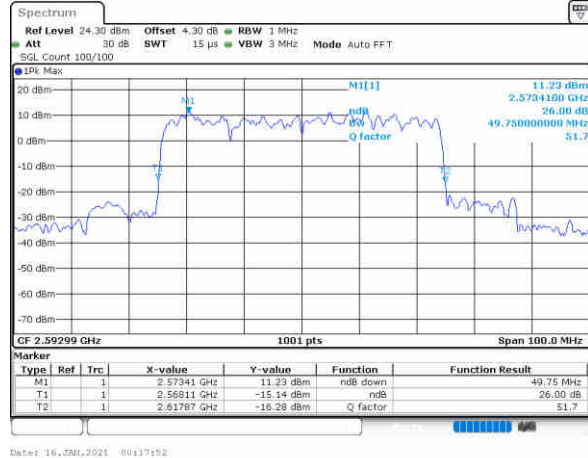
## QPSK

## Middle Channel



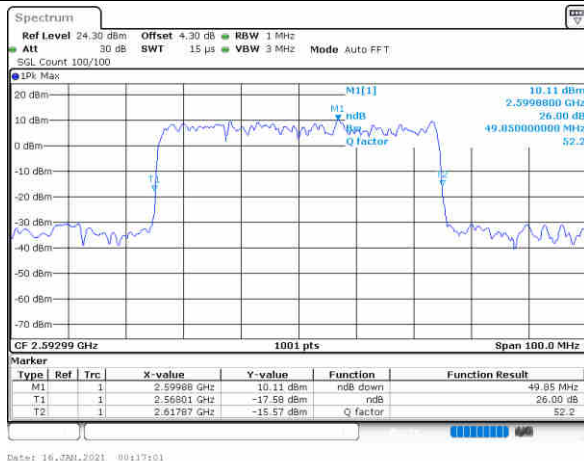
## 16QAM

## Middle Channel



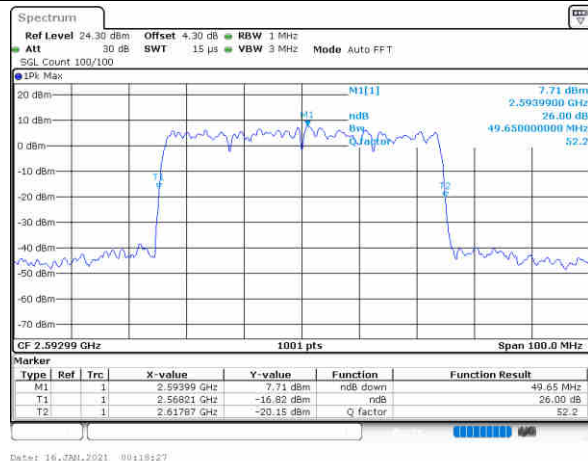
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





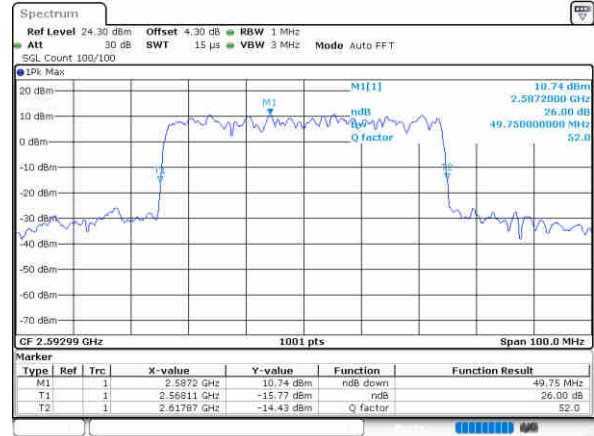
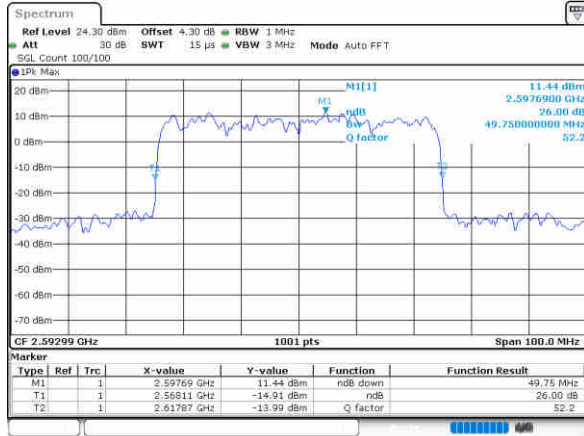
## FR1 UL-MIMO n41 / 50MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

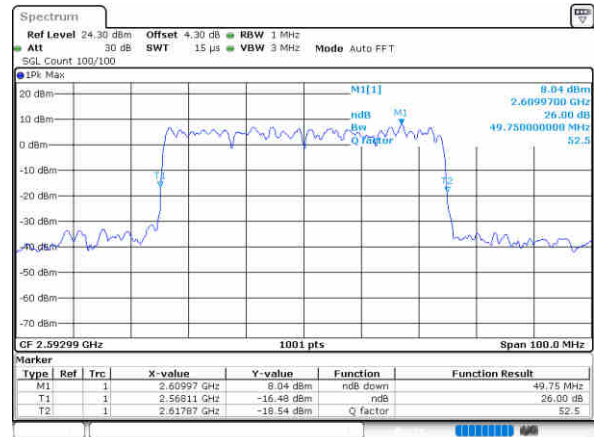
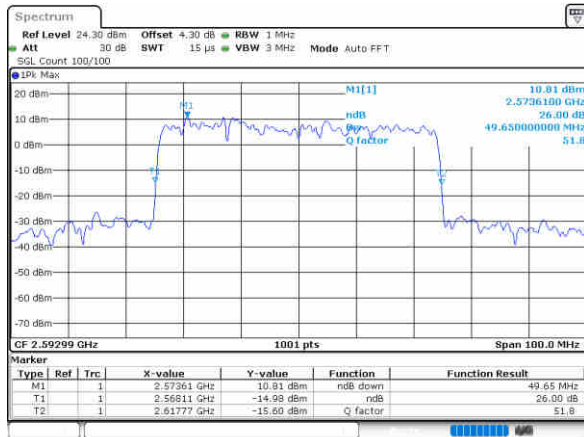


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

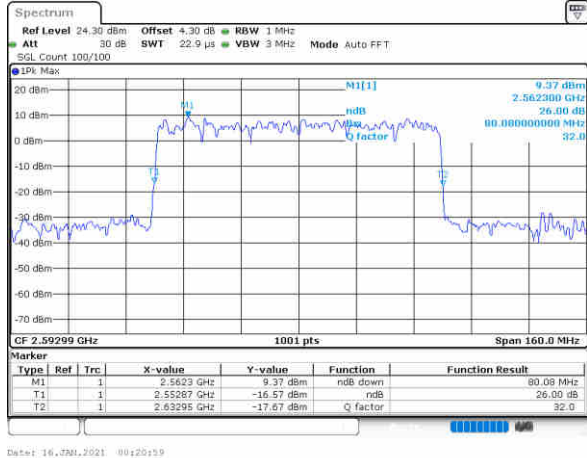




## FR1 UL-MIMO n41 / 80MHz / CP-OFDM (M2)

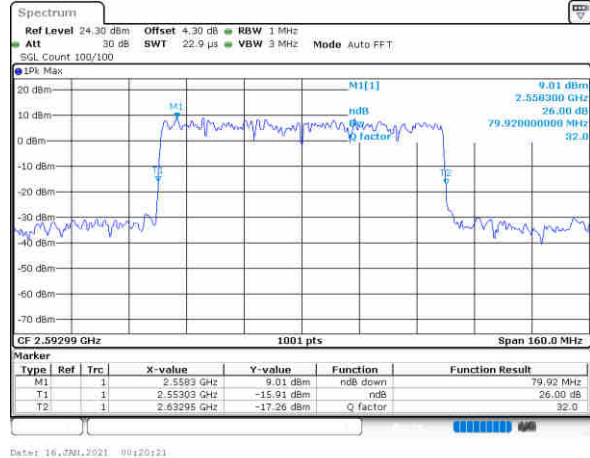
## QPSK

## Middle Channel



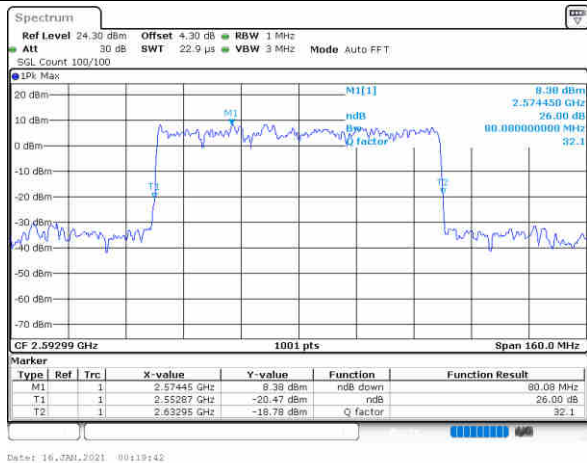
## 16QAM

## Middle Channel



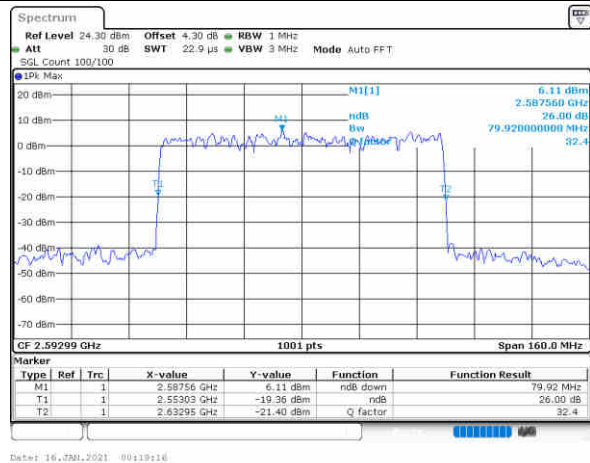
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





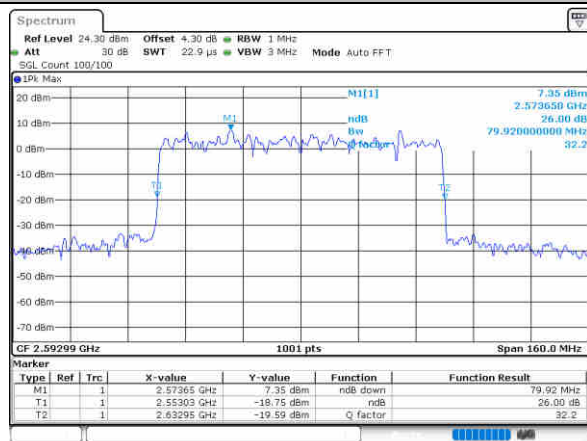
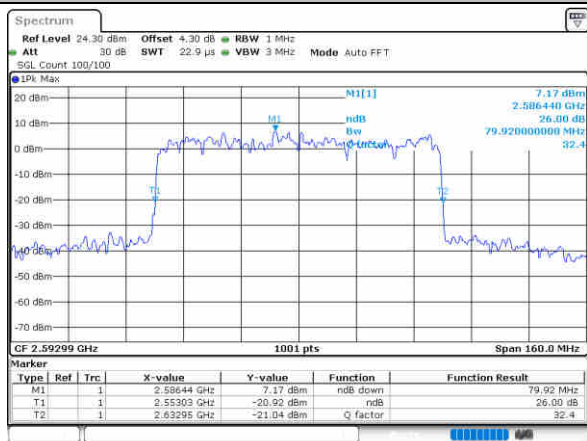
## FR1 UL-MIMO n41 / 80MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

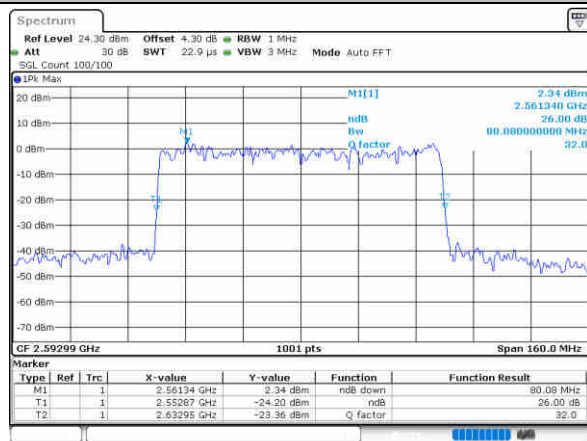
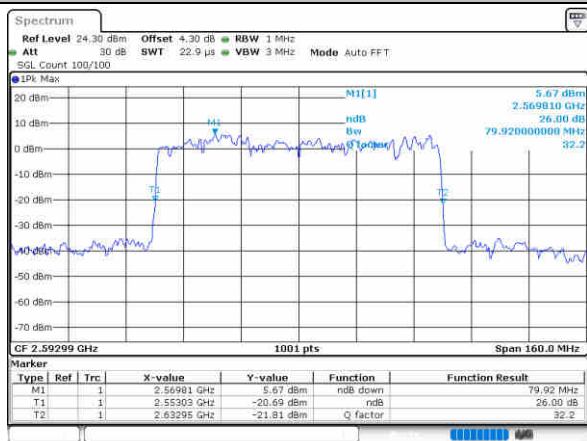


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel



**Occupied Bandwidth**

| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 10MHz                                | 10MHz | 10MHz | 10MHz  | 10MHz | 10MHz | 10MHz | 10MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 8.57                                 | 8.59  | 8.59  | 8.57   | 8.59  | 8.57  | 8.59  | 8.61   |

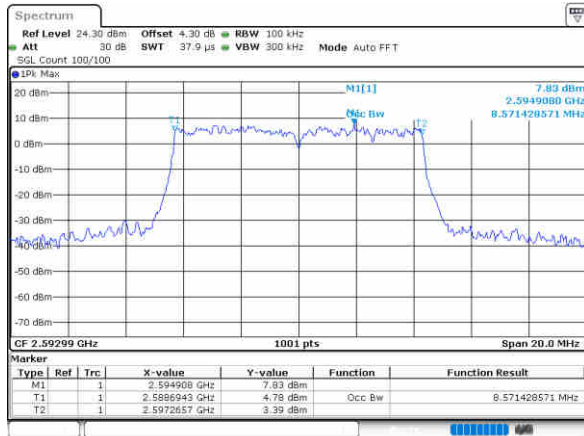
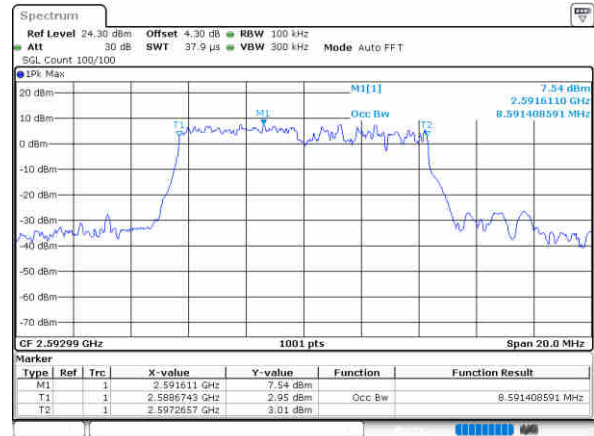
| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 15MHz                                | 15MHz | 15MHz | 15MHz  | 15MHz | 15MHz | 15MHz | 15MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 13.73                                | 13.67 | 13.58 | 13.70  | 13.52 | 13.64 | 13.58 | 13.61  |

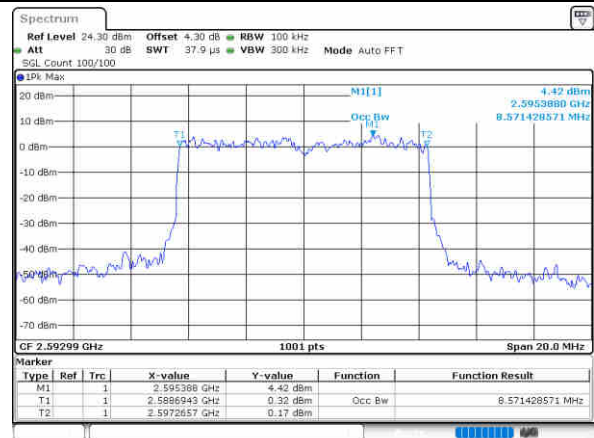
| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 30MHz                                | 30MHz | 30MHz | 30MHz  | 30MHz | 30MHz | 30MHz | 30MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 27.87                                | 27.87 | 27.81 | 27.87  | 27.87 | 27.81 | 27.87 | 27.81  |

| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 40MHz                                | 40MHz | 40MHz | 40MHz  | 40MHz | 40MHz | 40MHz | 40MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 38.04                                | 37.72 | 38.28 | 37.88  | 37.88 | 38.28 | 37.96 | 38.28  |

| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 50MHz                                | 50MHz | 50MHz | 50MHz  | 50MHz | 50MHz | 50MHz | 50MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 47.85                                | 47.85 | 47.65 | 47.75  | 47.55 | 47.35 | 47.45 | 47.55  |

| Mode      | FR1 UL-MIMO n41 : OBW(MHz) / CP-OFDM |       |       |        |       |       |       |        |
|-----------|--------------------------------------|-------|-------|--------|-------|-------|-------|--------|
|           | M2                                   |       |       |        | M     |       |       |        |
| BW        | 80MHz                                | 80MHz | 80MHz | 80MHz  | 80MHz | 80MHz | 80MHz | 80MHz  |
| Mod.      | QPSK                                 | 16QAM | 64QAM | 256QAM | QPSK  | 16QAM | 64QAM | 256QAM |
| Middle CH | 77.36                                | 77.52 | 77.20 | 77.52  | 77.68 | 77.68 | 77.52 | 77.52  |

**FR1 UL-MIMO n41 / 10MHz / CP-OFDM (M2)**
**QPSK**
**Middle Channel**

**16QAM**
**Middle Channel**

**64QAM**
**Middle Channel**

**256QAM**
**Middle Channel**




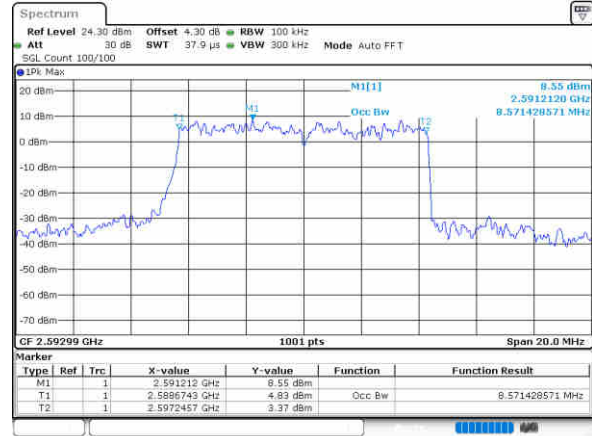
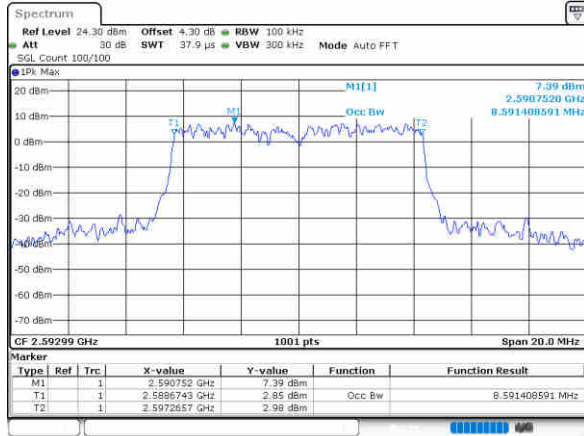
## FR1 UL-MIMO n41 / 10MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

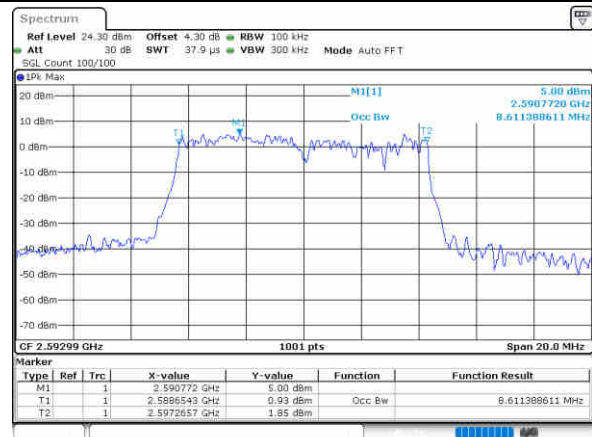


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

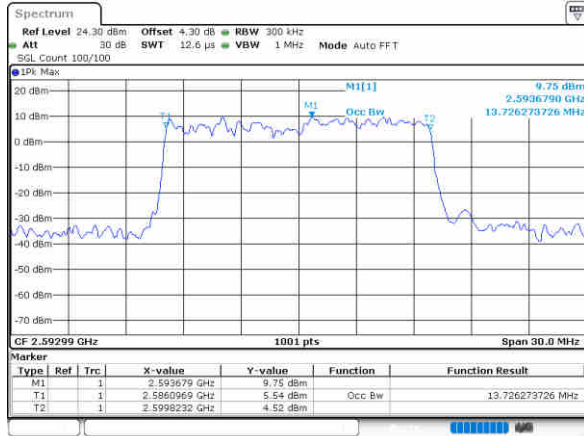




## FR1 UL-MIMO n41 / 15MHz / CP-OFDM (M2)

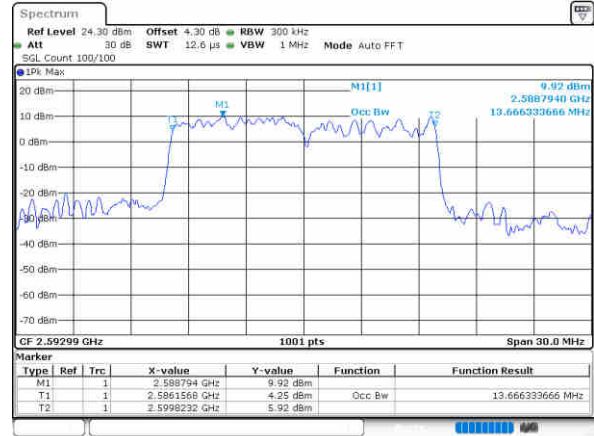
## QPSK

## Middle Channel



## 16QAM

## Middle Channel



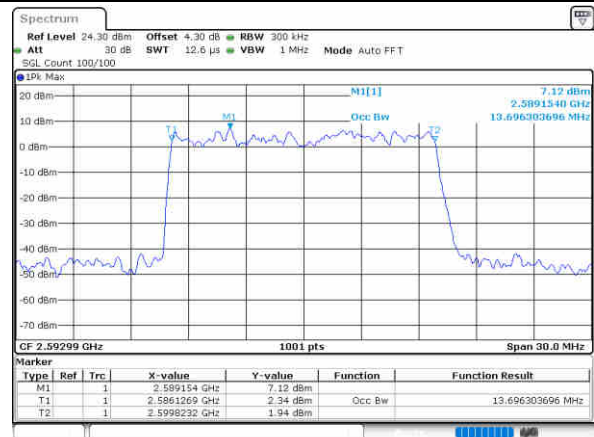
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





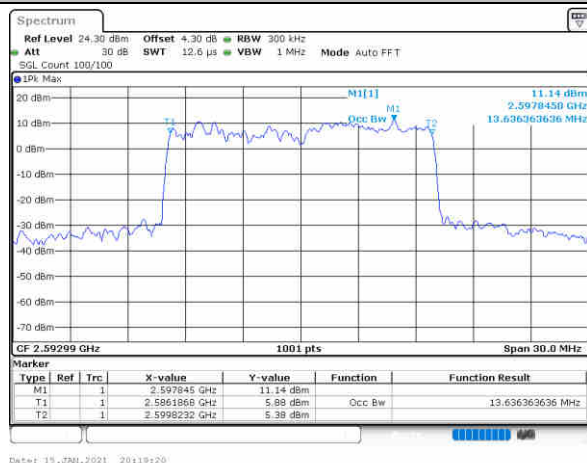
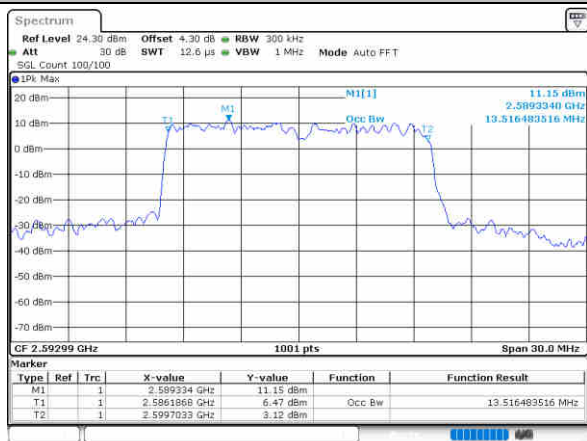
## FR1 UL-MIMO n41 / 15MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

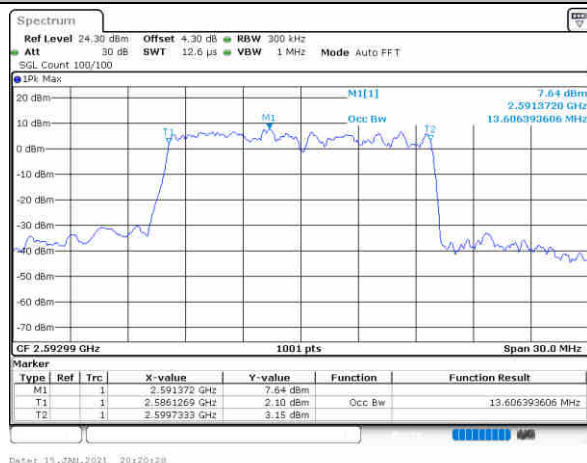
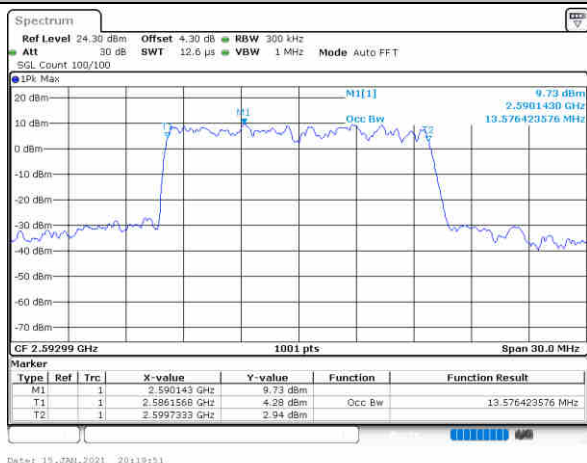


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

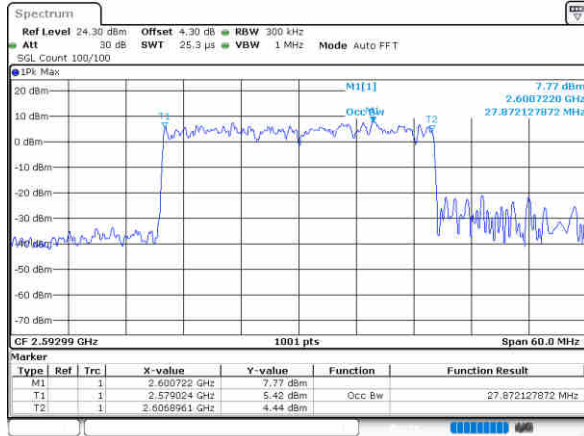




## FR1 UL-MIMO n41 / 30MHz / CP-OFDM (M2)

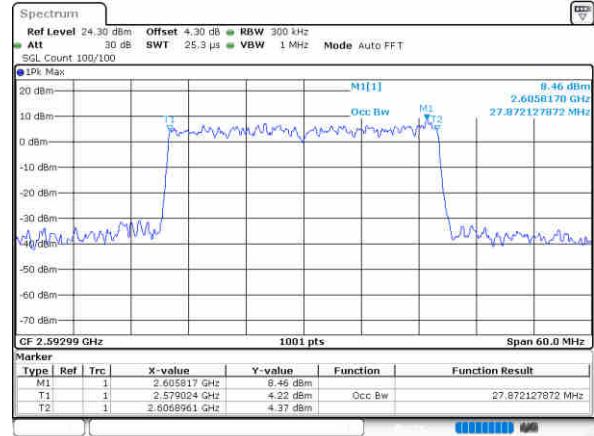
## QPSK

## Middle Channel



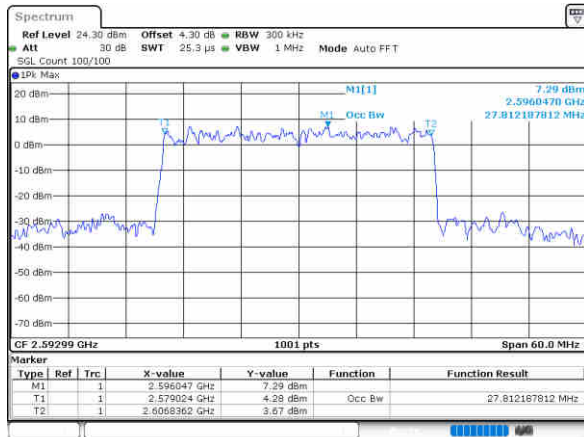
## 16QAM

## Middle Channel



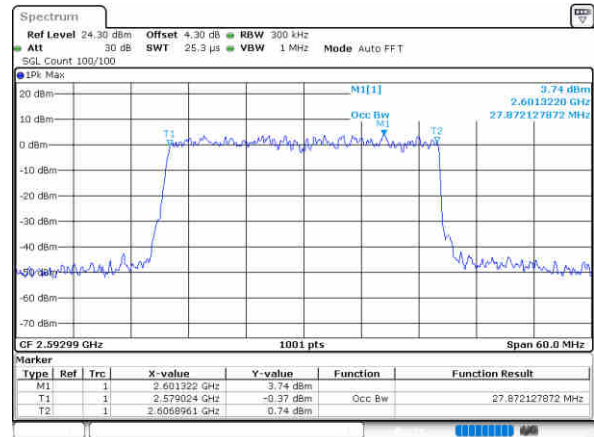
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





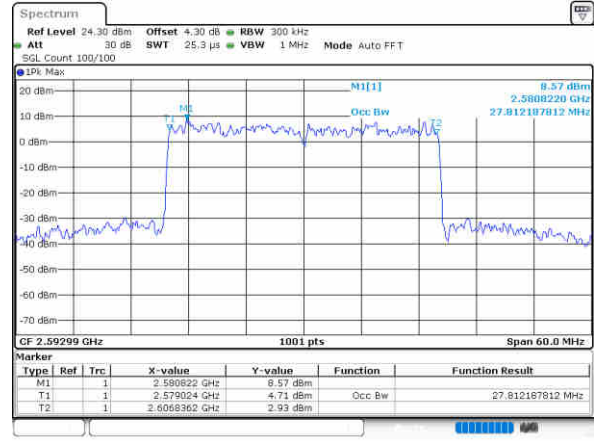
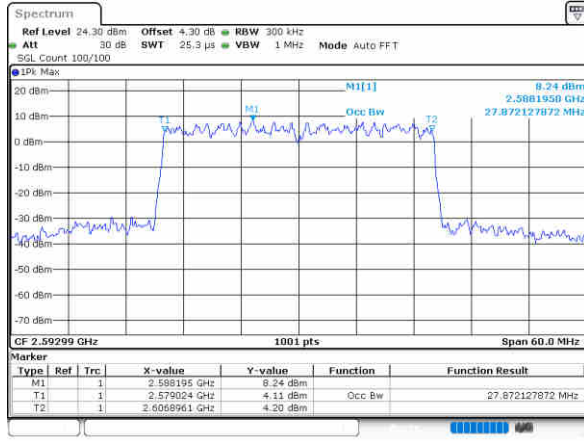
## FR1 UL-MIMO n41 / 30MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

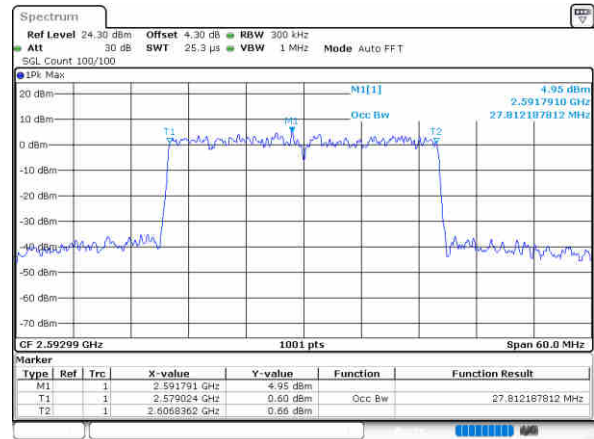
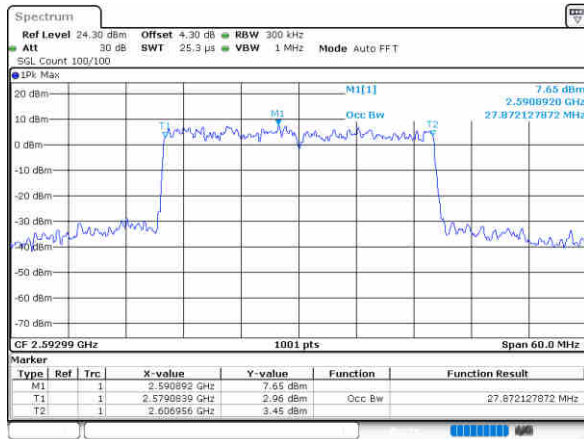


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

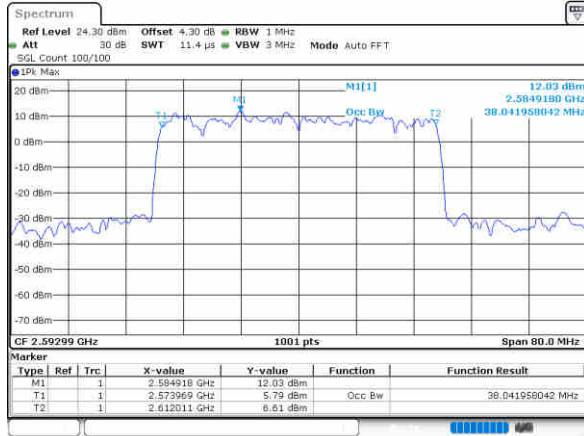




## FR1 UL-MIMO n41 / 40MHz / CP-OFDM (M2)

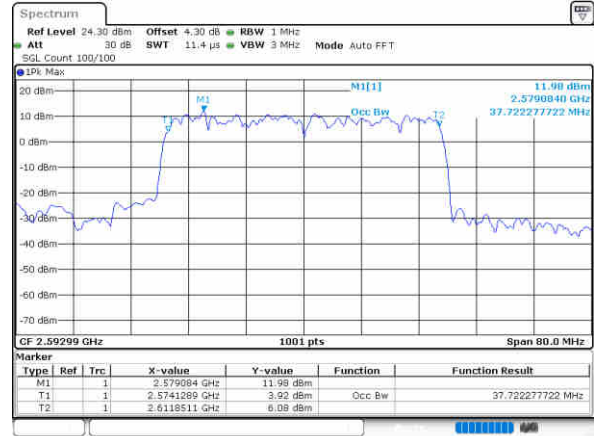
## QPSK

## Middle Channel



## 16QAM

## Middle Channel



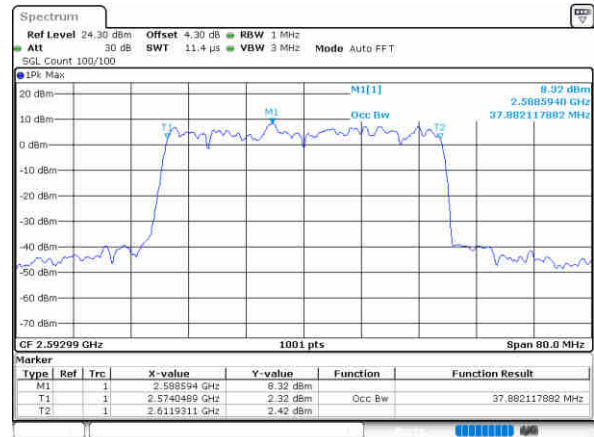
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





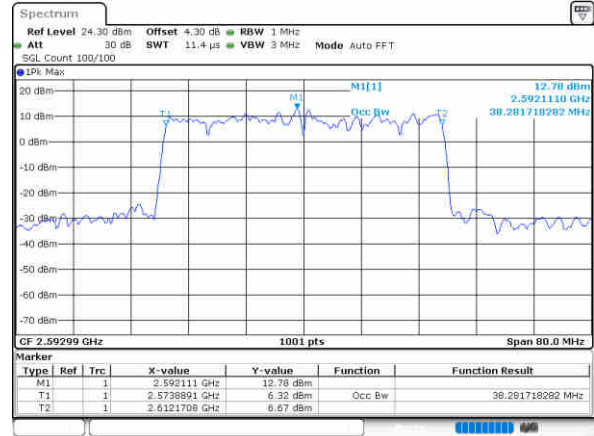
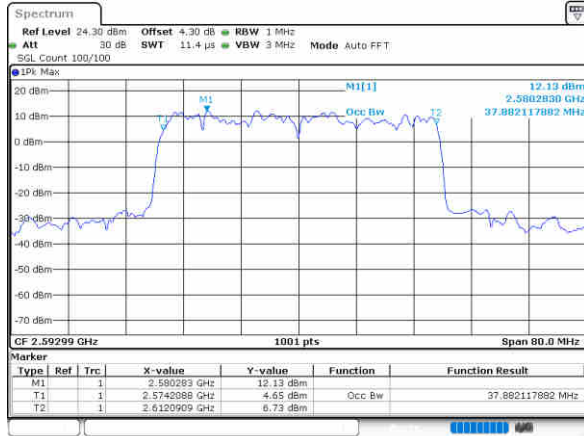
## FR1 UL-MIMO n41 / 40MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

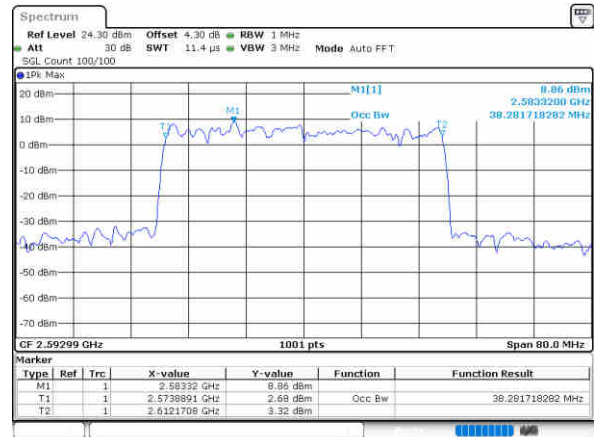
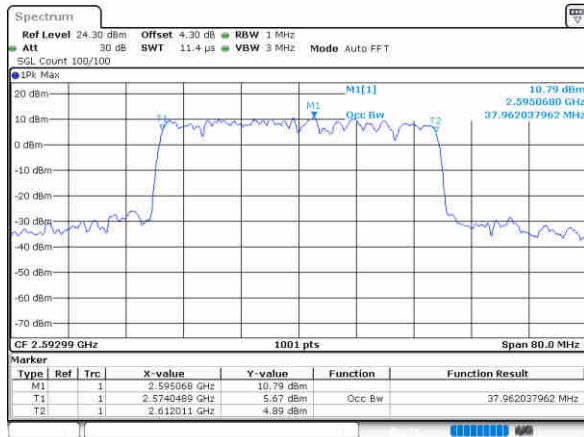


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

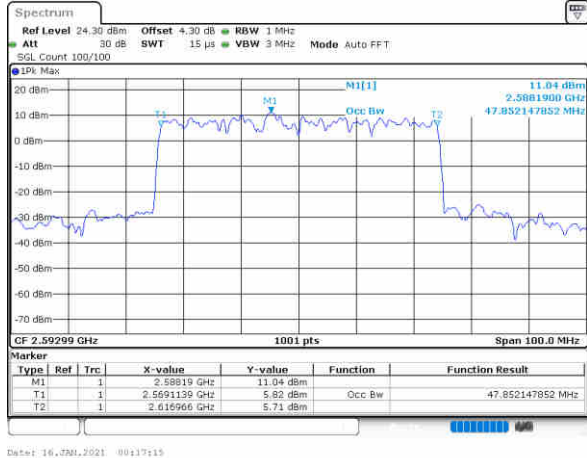




## FR1 UL-MIMO n41 / 50MHz / CP-OFDM (M2)

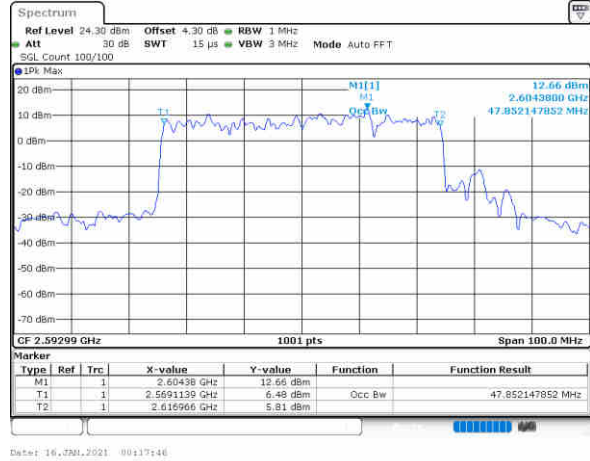
## QPSK

## Middle Channel



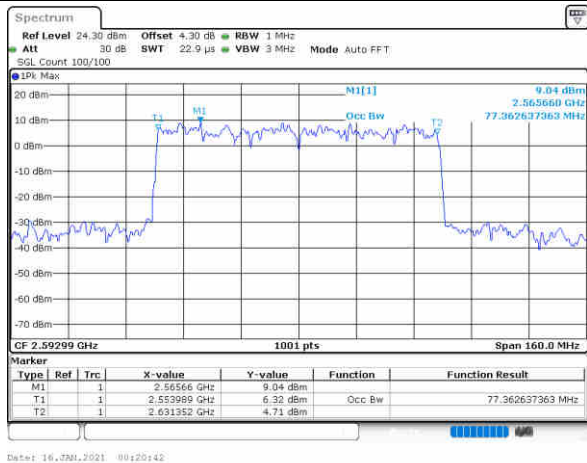
## 16QAM

## Middle Channel



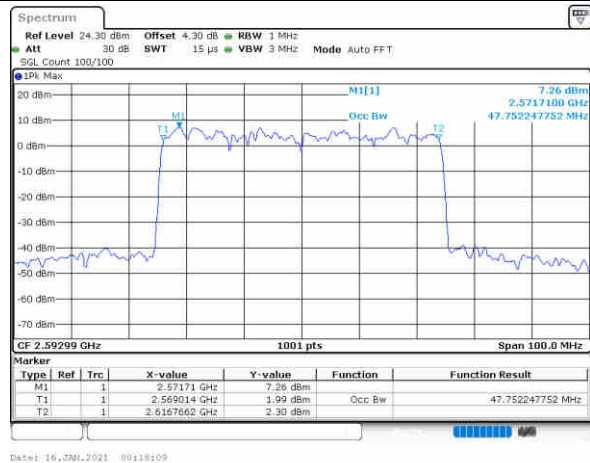
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel





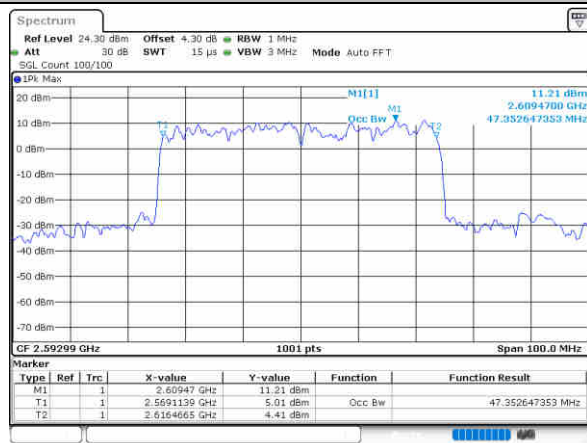
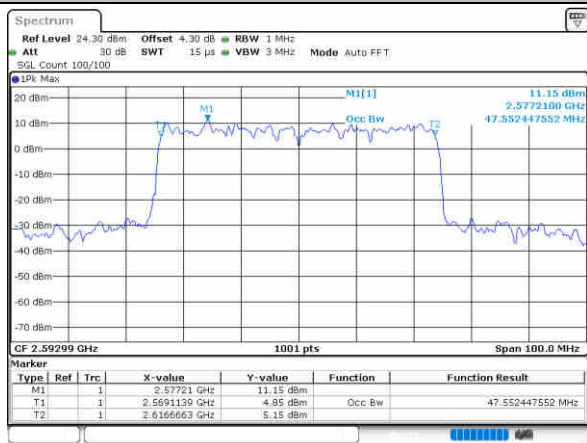
## FR1 UL-MIMO n41 / 50MHz / CP-OFDM (M)

## QPSK

## 16QAM

## Middle Channel

## Middle Channel

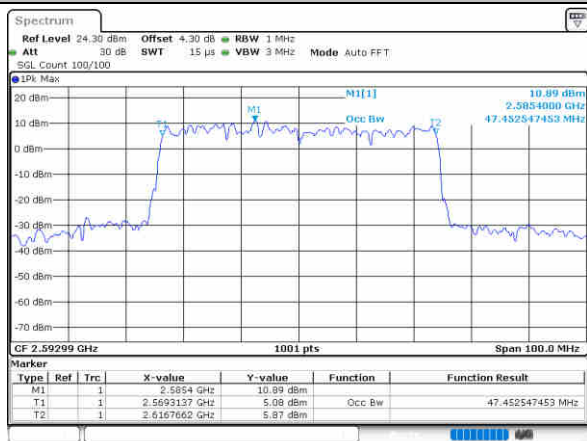


## 64QAM

## 256QAM

## Middle Channel

## Middle Channel

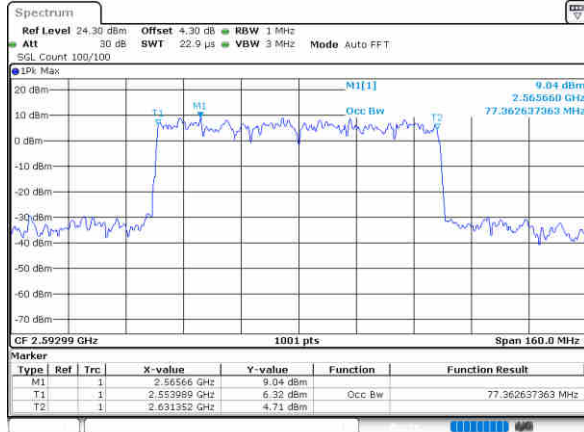




## FR1 UL-MIMO n41 / 80MHz / CP-OFDM (M2)

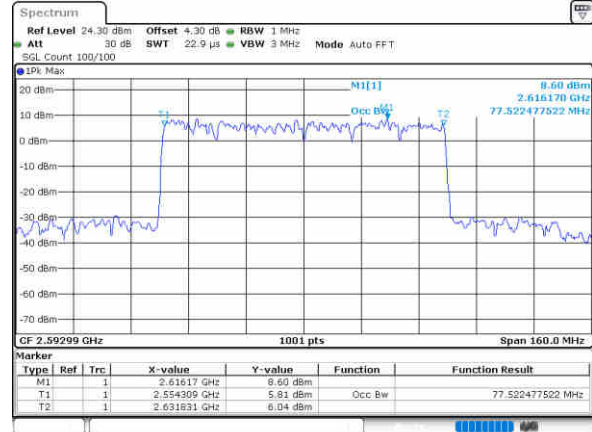
## QPSK

## Middle Channel



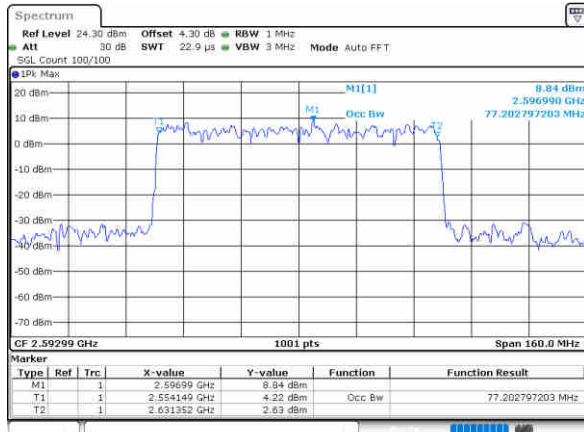
## 16QAM

## Middle Channel



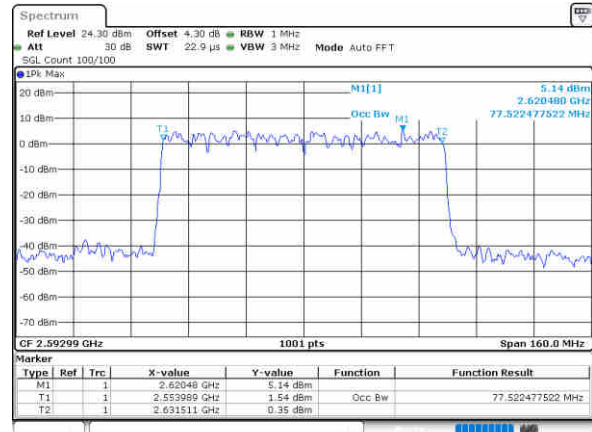
## 64QAM

## Middle Channel



## 256QAM

## Middle Channel

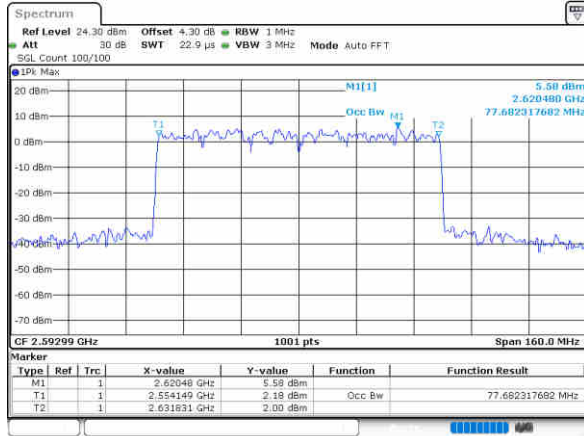




## FR1 UL-MIMO n41 / 80MHz / CP-OFDM (M)

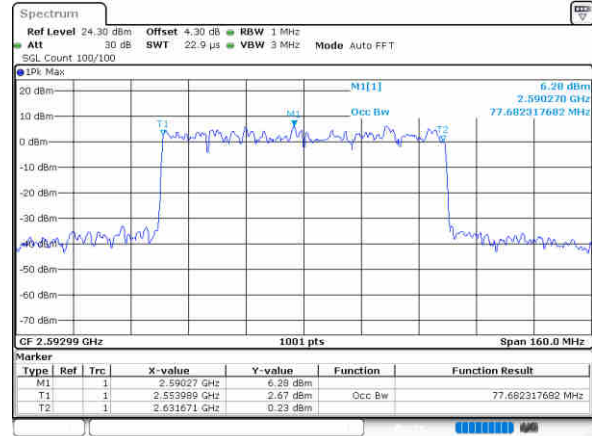
## QPSK

## Middle Channel



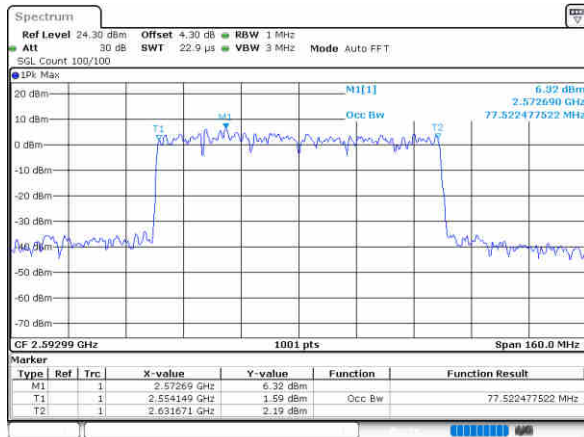
## 16QAM

## Middle Channel



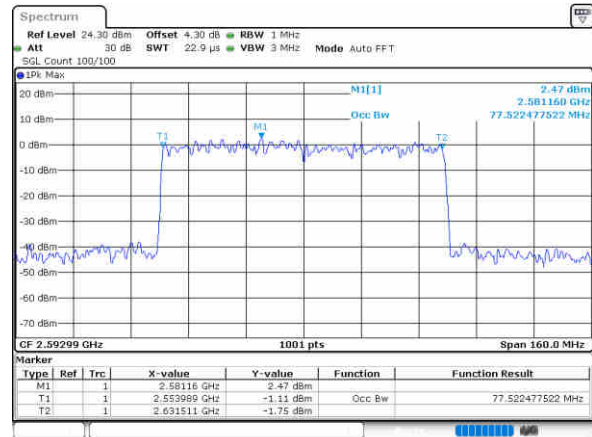
## 64QAM

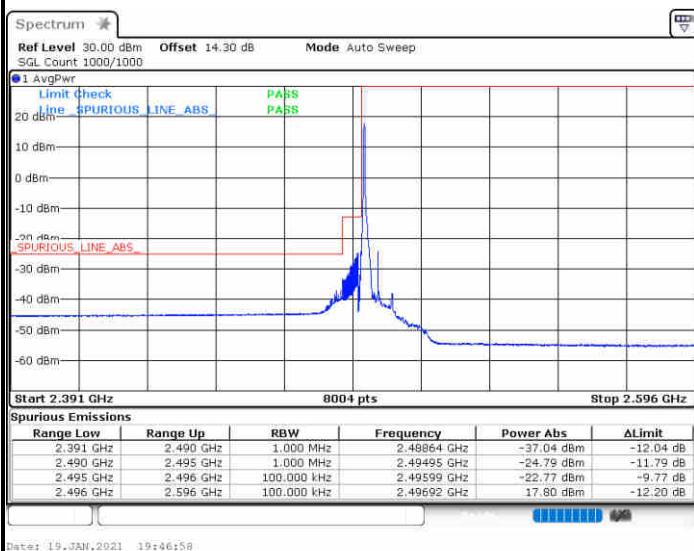
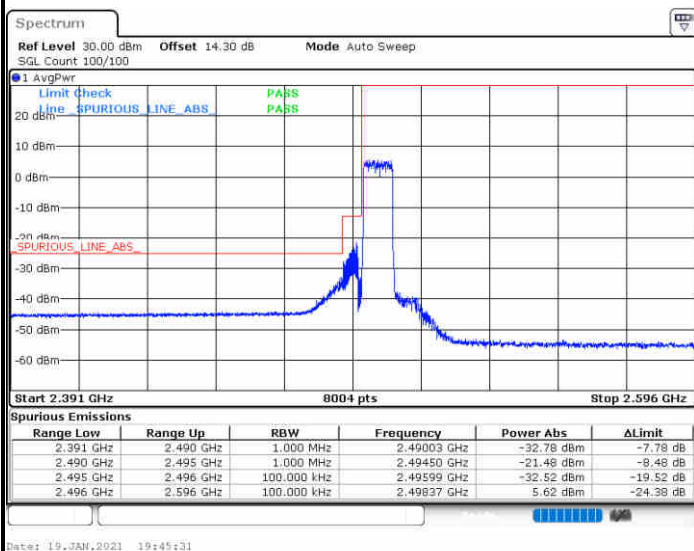
## Middle Channel



## 256QAM

## Middle Channel



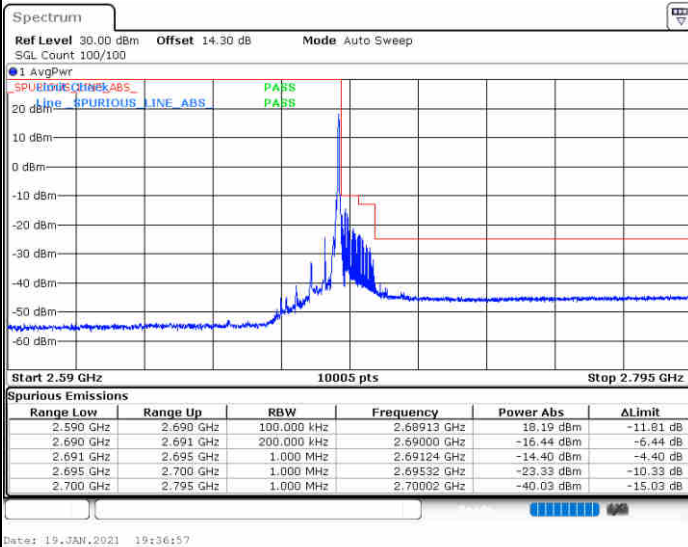
**Conducted Band Edge****FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M2)****Lowest Band Edge / 1 RB****Channel Power < -13dBm Pass****Lowest Band Edge / Full RB****Channel Power < -13dBm Pass**



## FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M2)

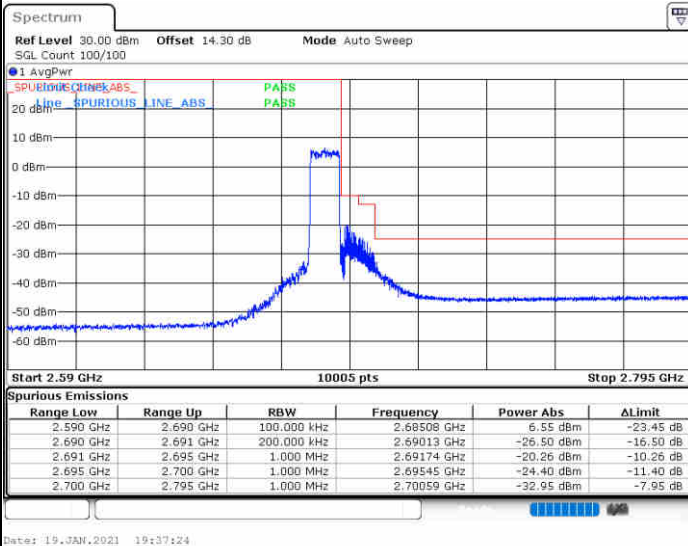
## Highest Band Edge / 1 RB

## Channel Power &lt; -10dBm Pass



## Highest Band Edge / Full RB

## Channel Power &lt; -10dBm Pass

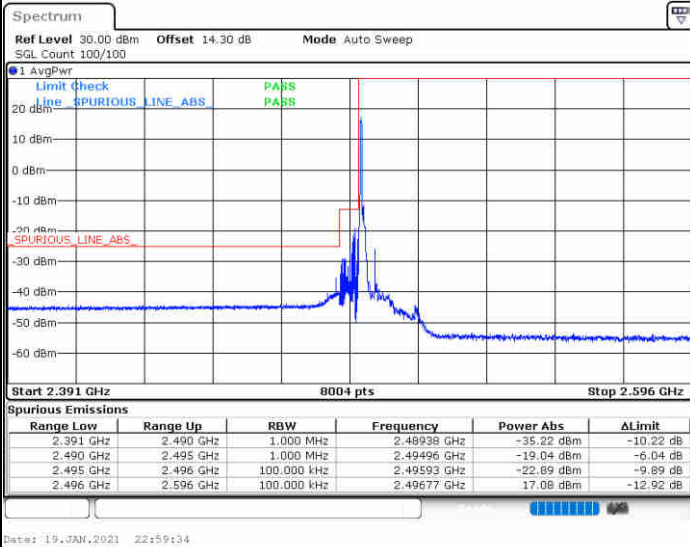




## FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M)

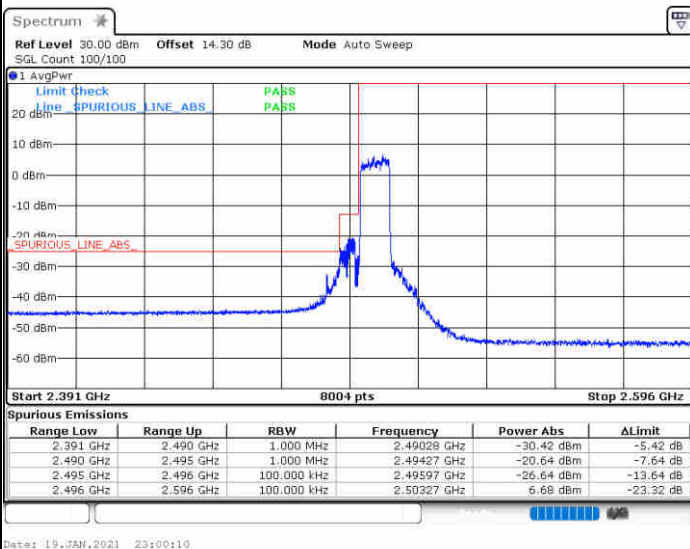
## Lowest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

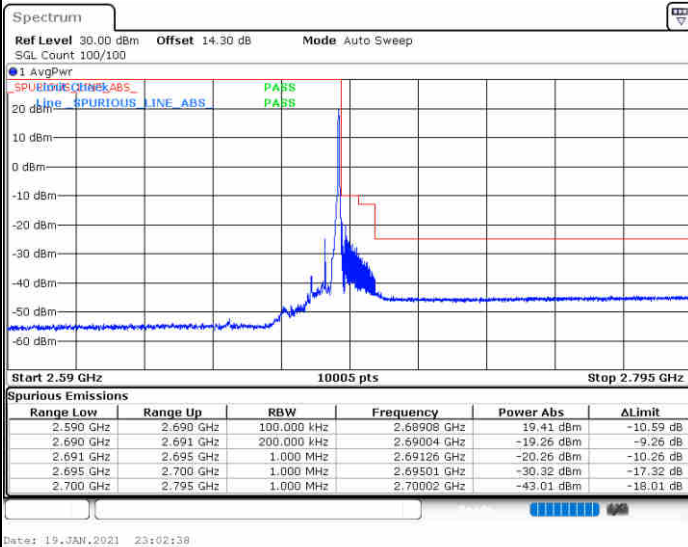




## FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M)

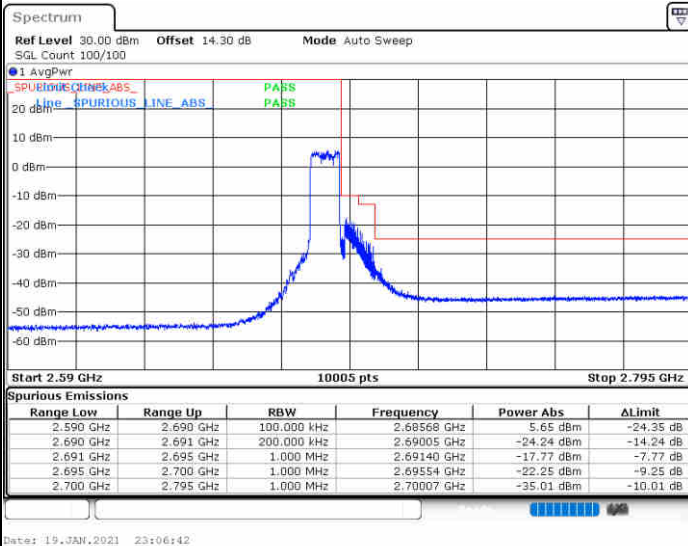
## Highest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Highest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

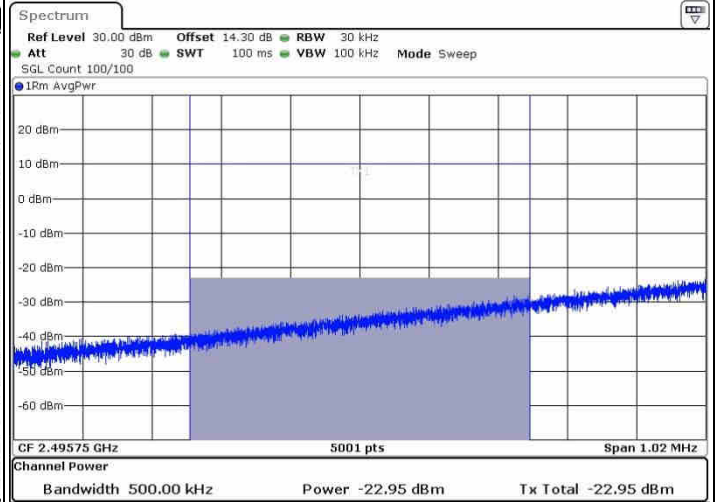
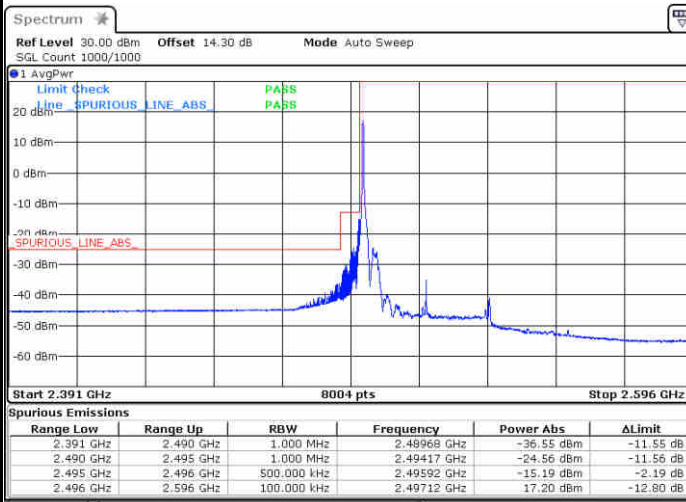




## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M2)

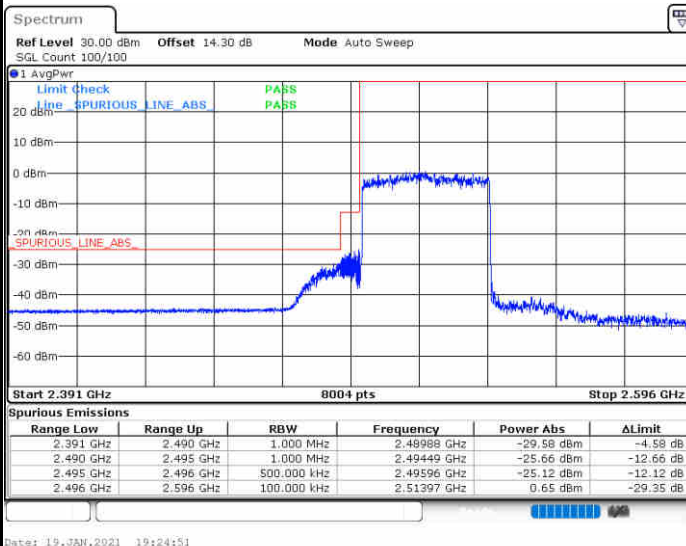
## Lowest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

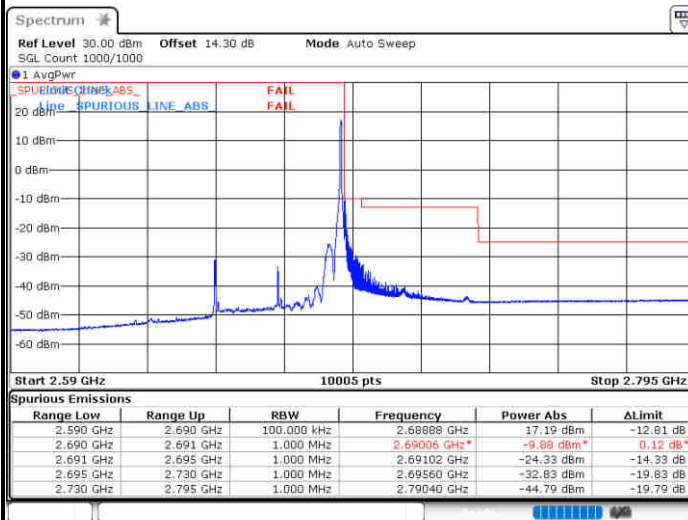
## Channel Power &lt; -13dBm Pass



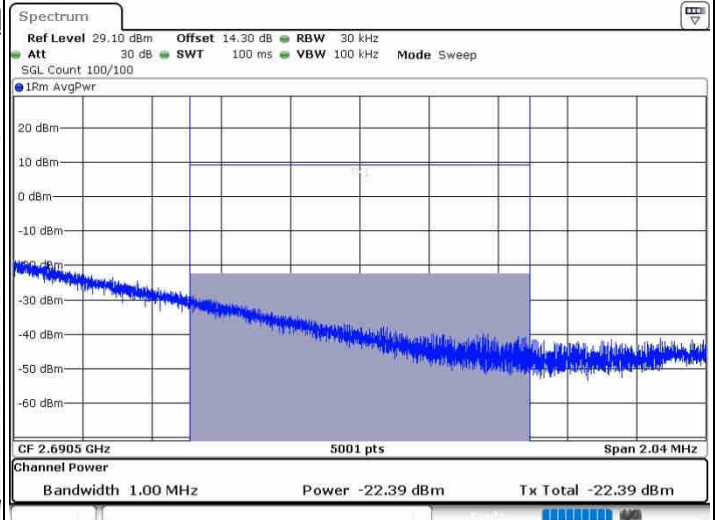


## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M2)

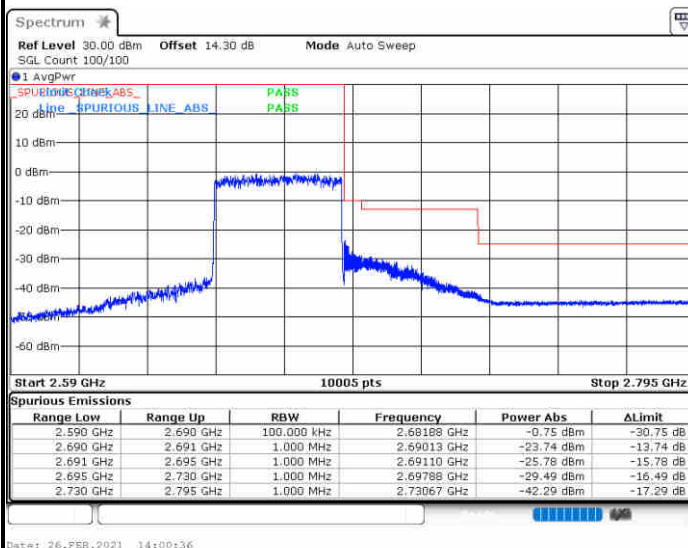
## Highest Band Edge / 1 RB



## Channel Power &lt; -10dBm Pass



## Highest Band Edge / Full RB



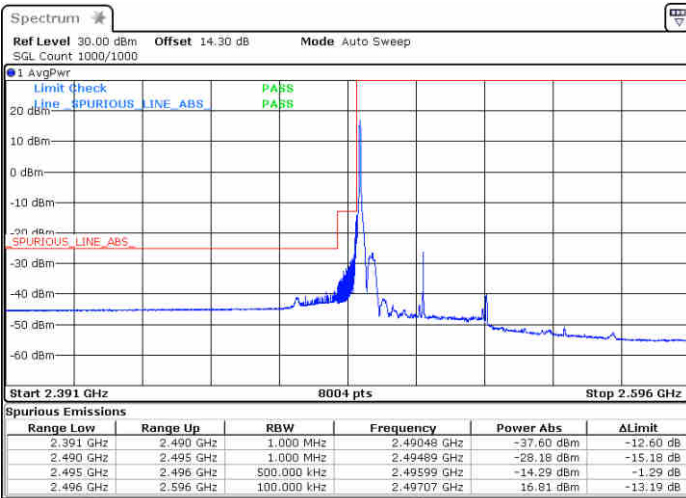
## Channel Power &lt; -10dBm Pass

/

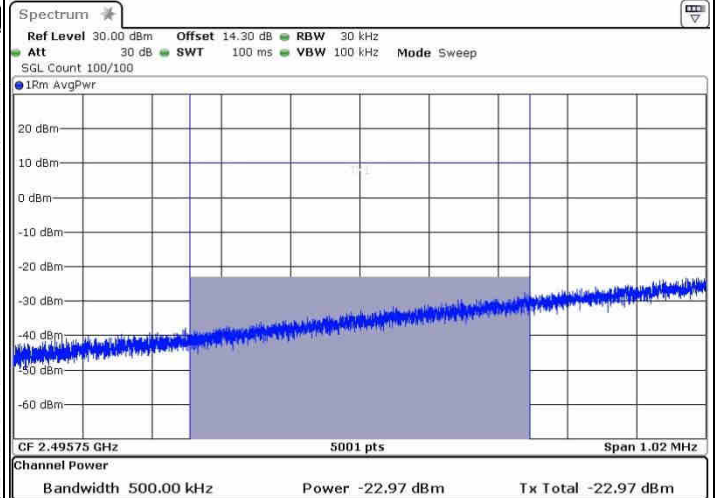


## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M)

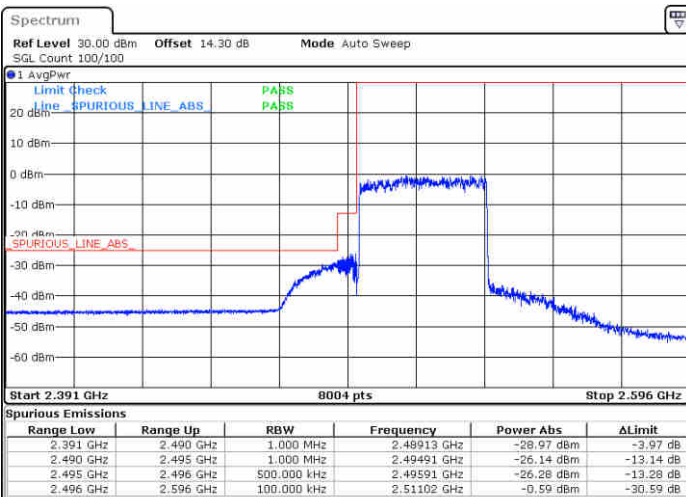
## Lowest Band Edge / 1 RB



## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB



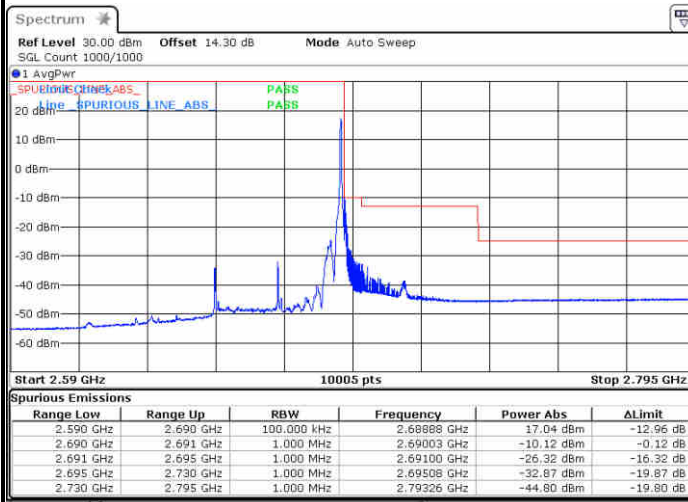
## Channel Power &lt; -13dBm Pass

/

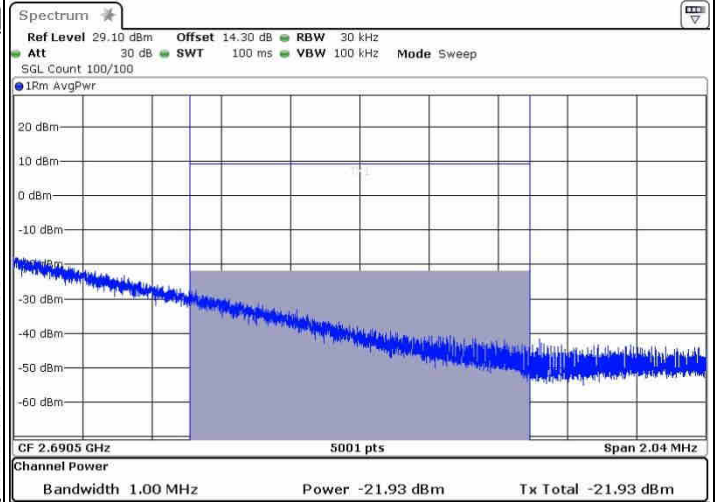


## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M)

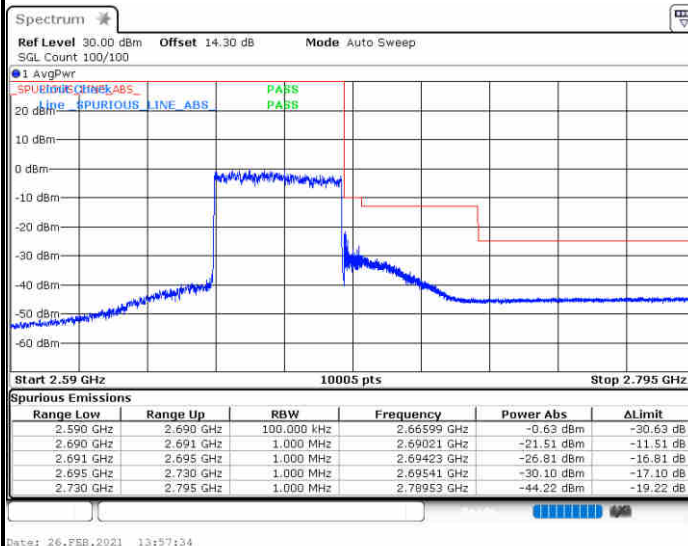
## Highest Band Edge / 1 RB



## Channel Power &lt; -10dBm Pass



## Highest Band Edge / Full RB



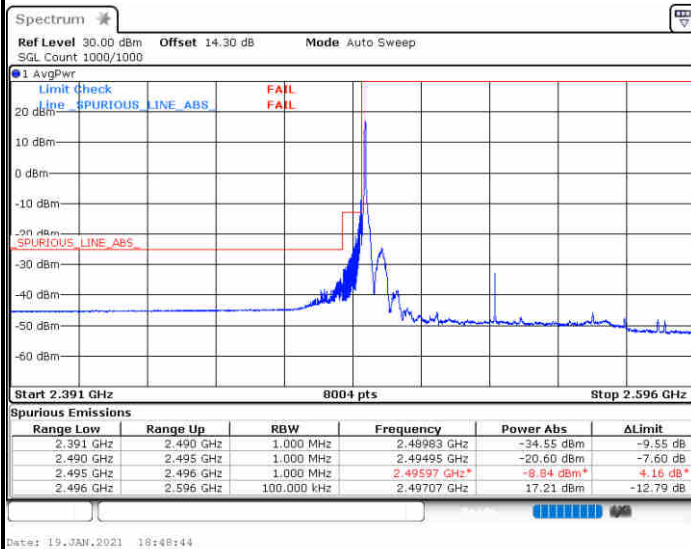
## Channel Power &lt; -10dBm Pass

/

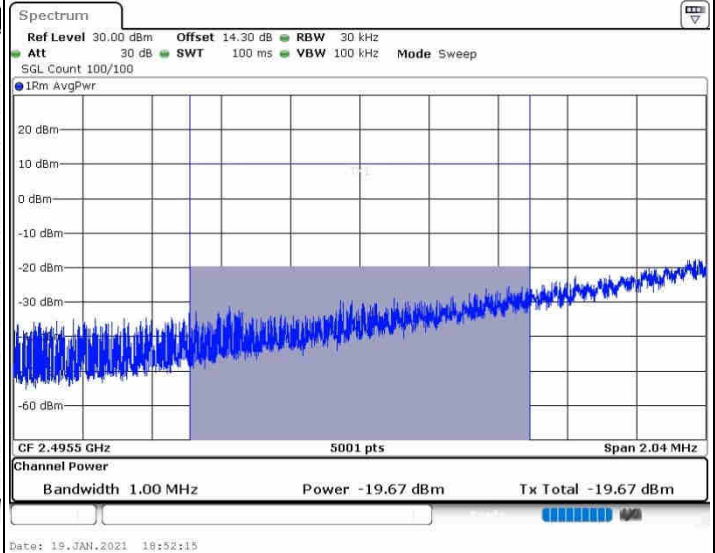


## FR1 UL-MIMO n41 / 80MHz / CP-OFDM QPSK (M2)

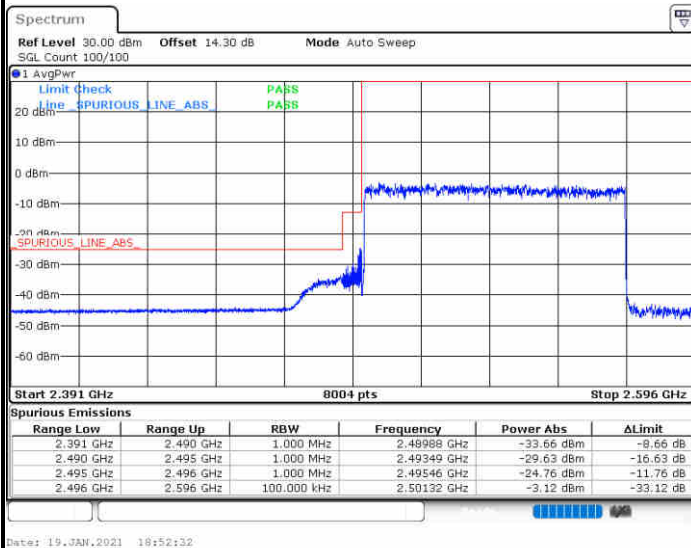
## Lowest Band Edge / 1 RB



## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB



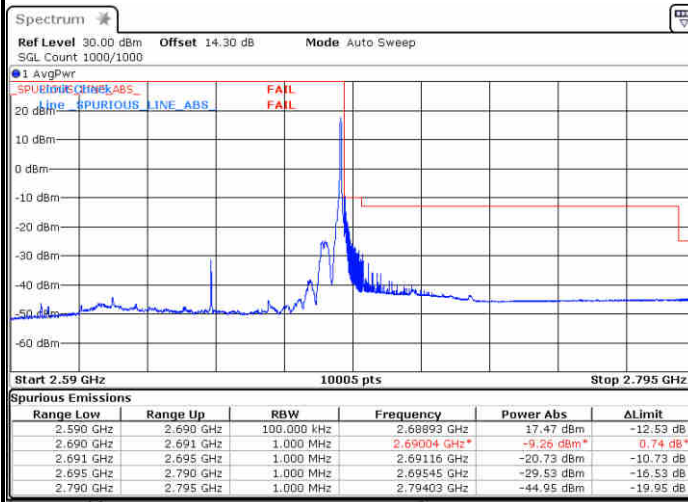
## Channel Power &lt; -13dBm Pass

/

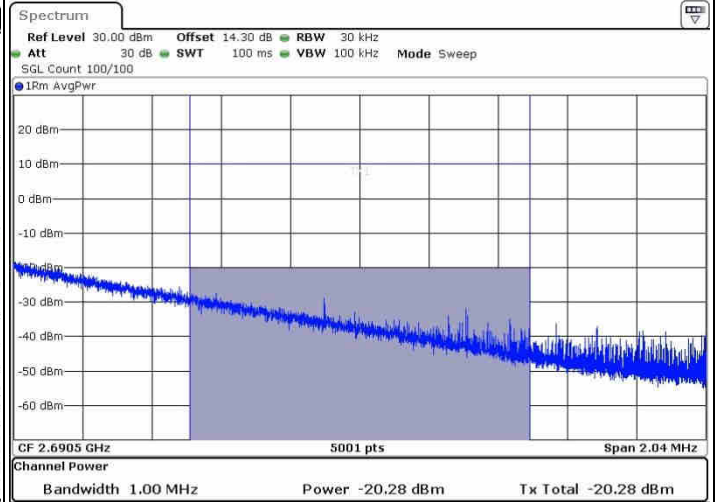


## FR1 UL-MIMO n41 / 80MHz / CP-OFDM QPSK (M2)

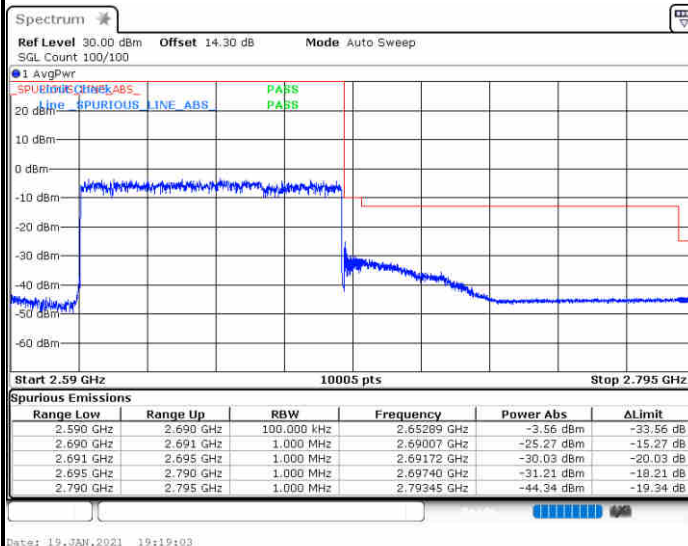
## Highest Band Edge / 1 RB



## Channel Power &lt; -10dBm Pass



## Highest Band Edge / Full RB



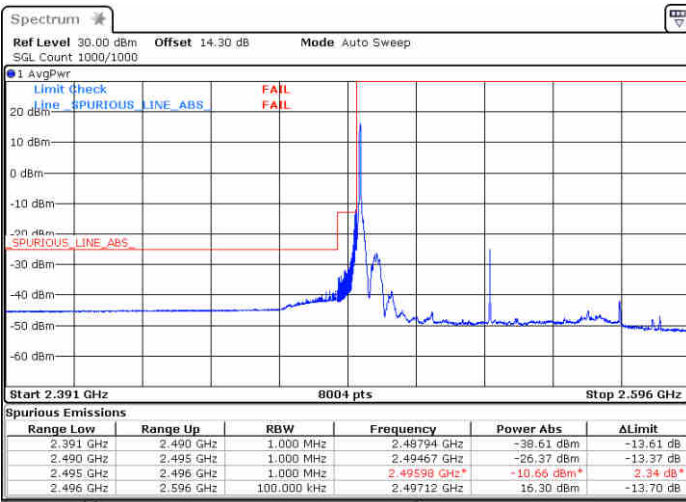
## Channel Power &lt; -10dBm Pass

/

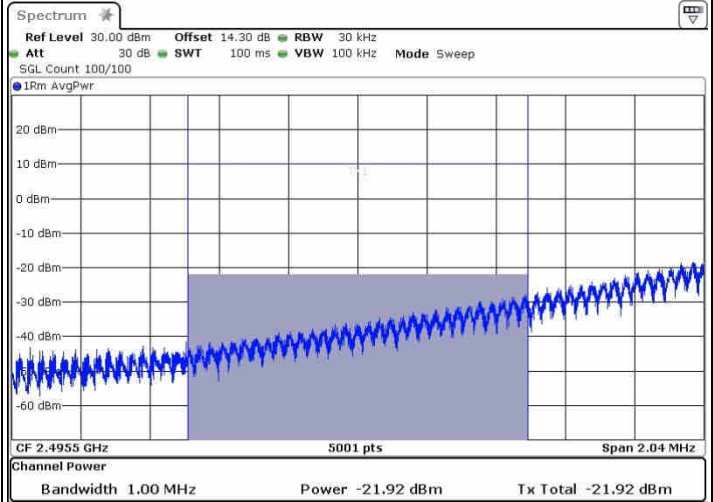


## FR1 UL-MIMO n41 / 80MHz / CP-OFDM QPSK (M)

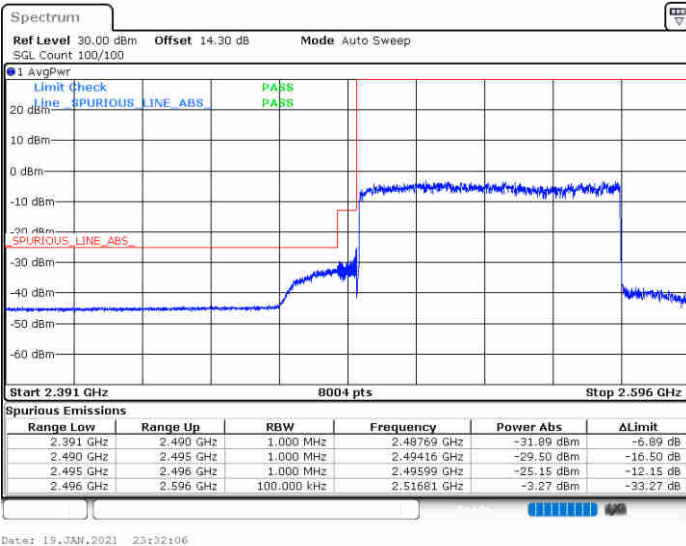
## Lowest Band Edge / 1 RB



## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB



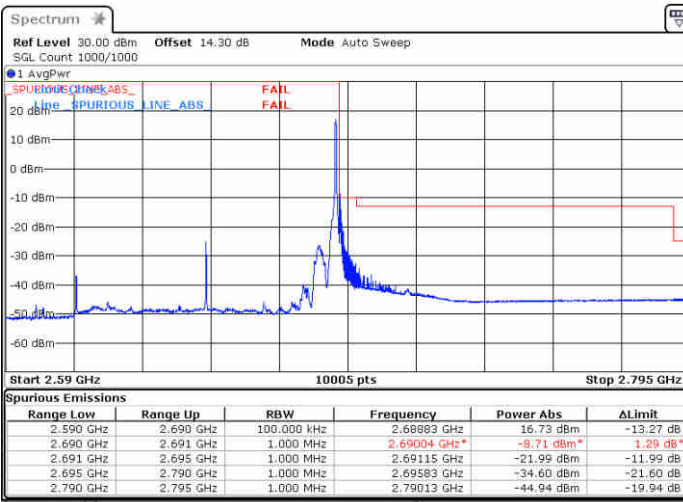
## Channel Power &lt; -13dBm Pass

/

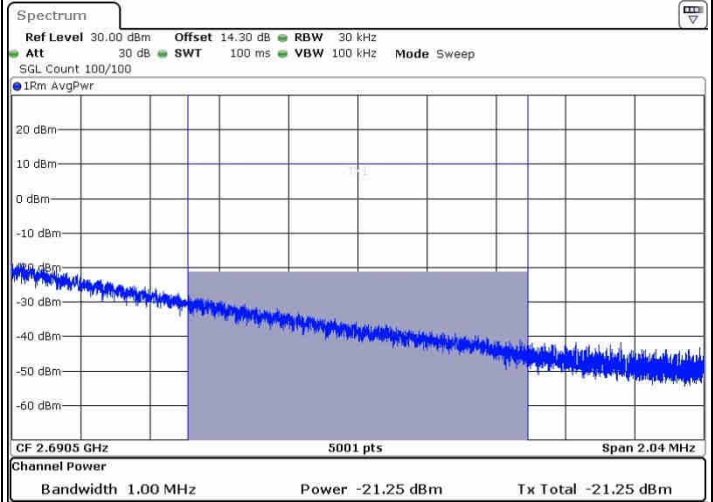


## FR1 UL-MIMO n41 / 80MHz / CP-OFDM QPSK (M)

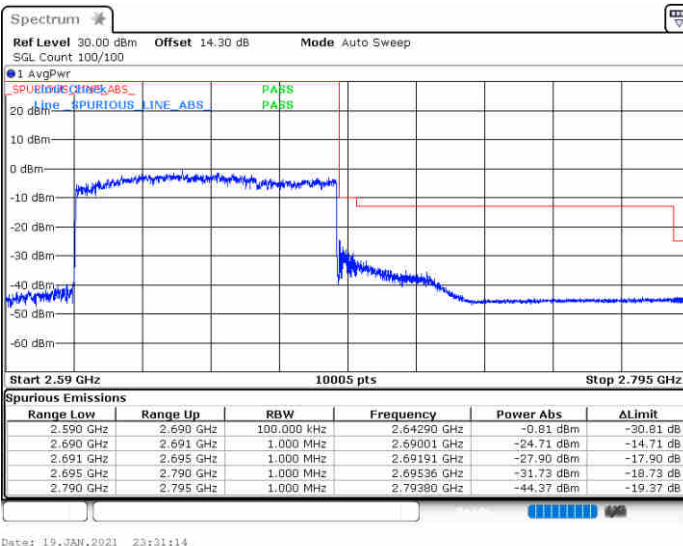
## Highest Band Edge / 1 RB



## Channel Power &lt; -10dBm Pass



## Highest Band Edge / Full RB



## Channel Power &lt; -10dBm Pass

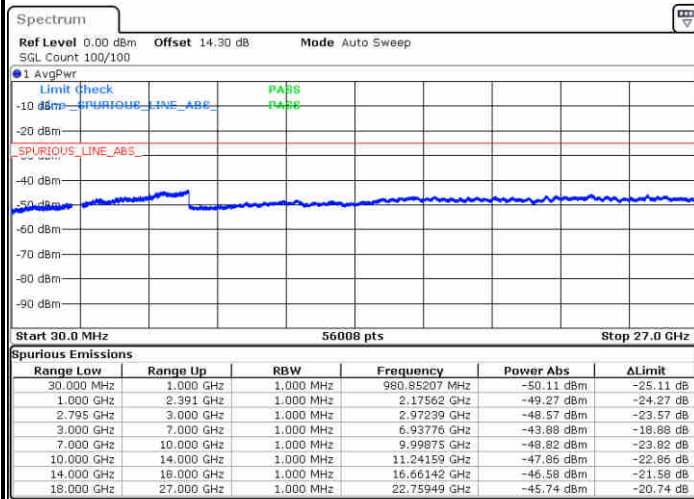
/



# Conducted Spurious Emission

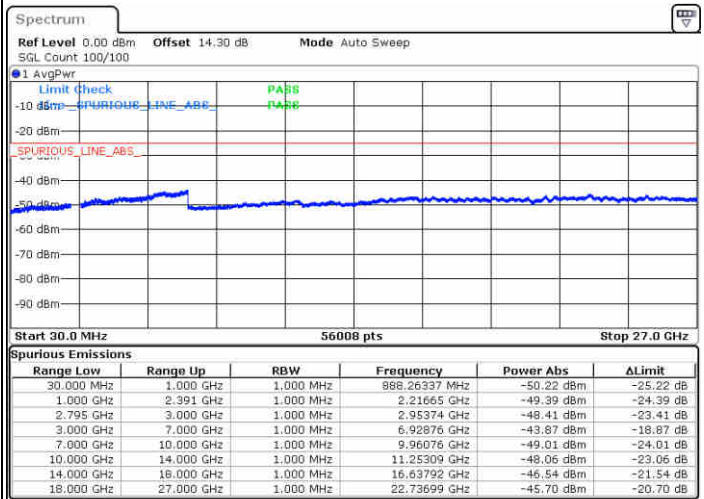
## FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M2)

### Lowest Channel / 1RB



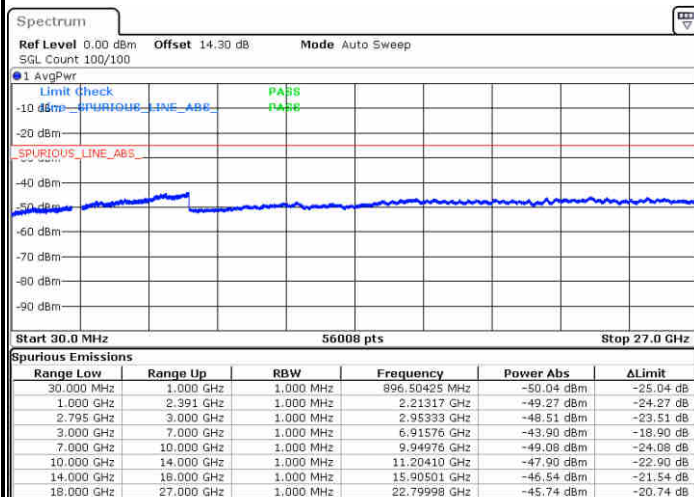
Date: 19.JAN.2021 19:51:54

### Middle Channel / 1RB



Date: 19.JAN.2021 19:53:26

### Highest Channel / 1RB



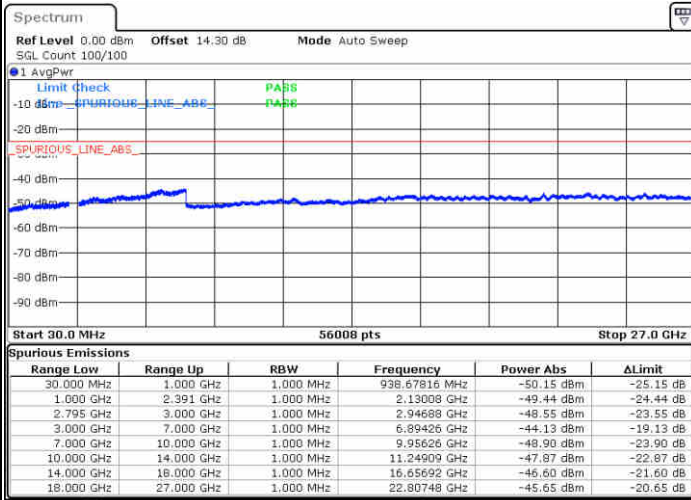
Date: 19.JAN.2021 20:06:02



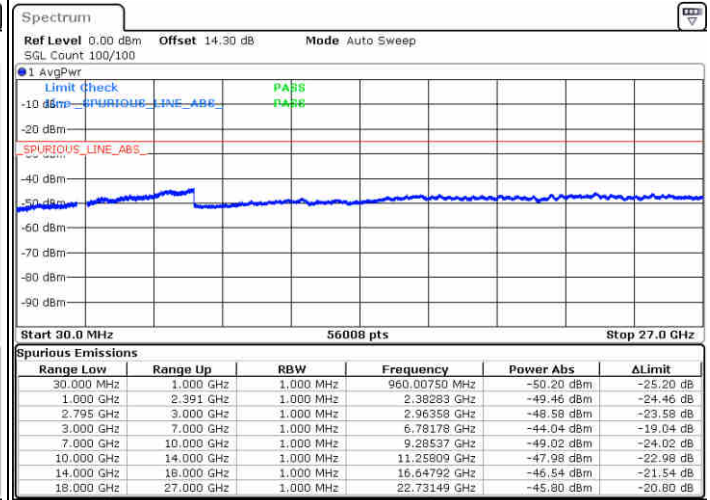
## FR1 UL-MIMO n41 / 10MHz / CP-OFDM QPSK (M)

## Lowest Channel / 1RB

## Middle Channel / 1RB

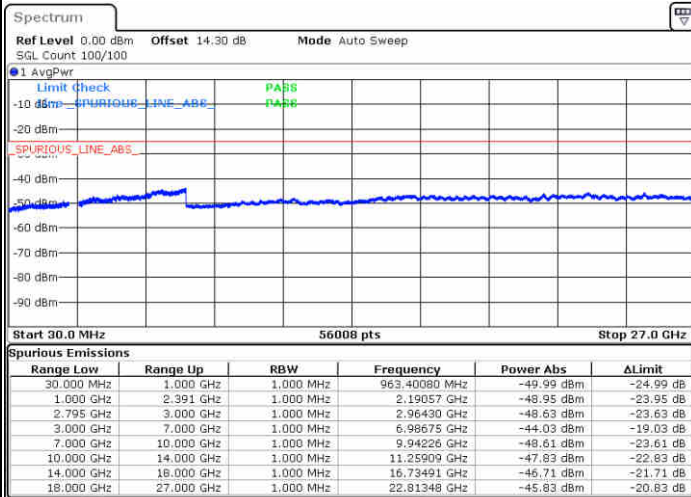


Date: 19.JAN.2021 22:26:51



Date: 19.JAN.2021 22:50:14

## Highest Channel / 1RB

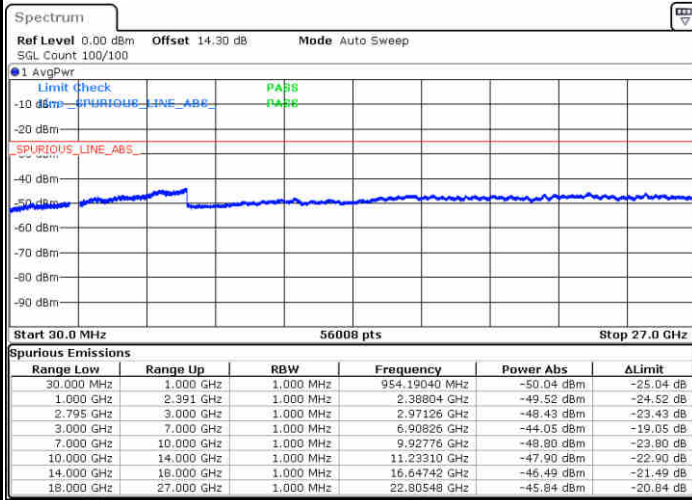


Date: 19.JAN.2021 22:52:12



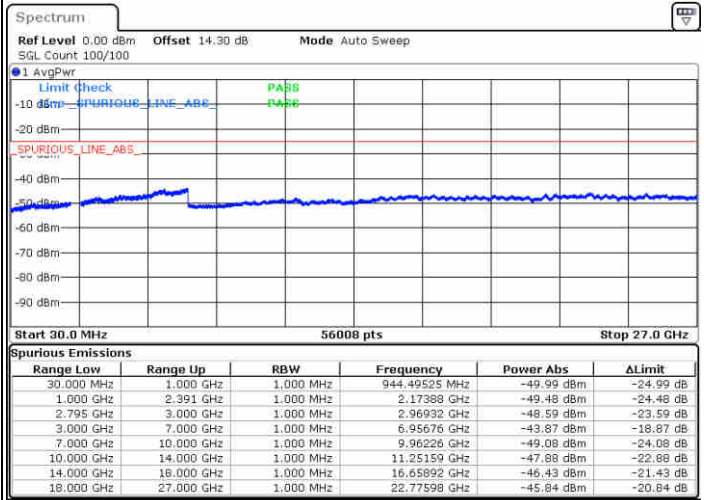
## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M2)

## Lowest Channel / 1RB



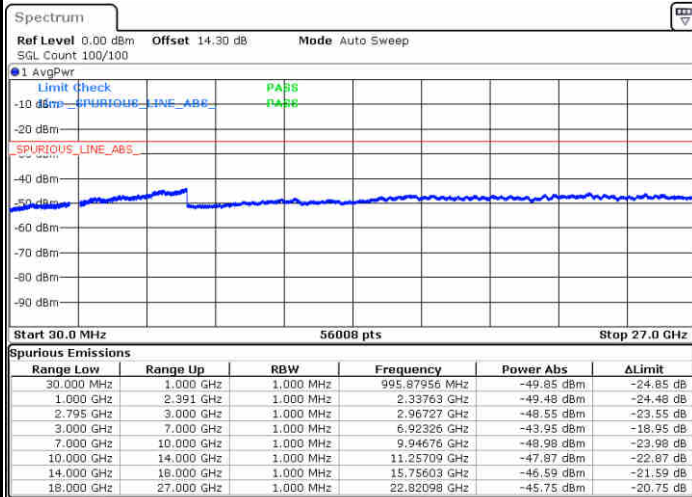
Date: 19.JAN.2021 20:12:07

## Middle Channel / 1RB



Date: 19.JAN.2021 20:21:10

## Highest Channel / 1RB



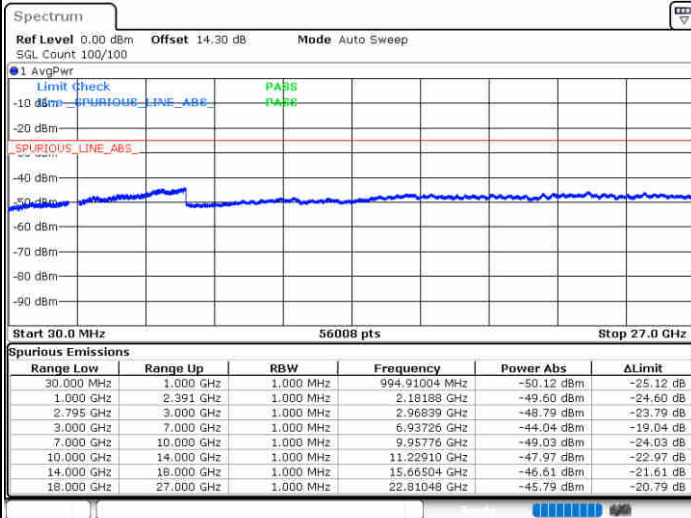
Date: 19.JAN.2021 20:22:49



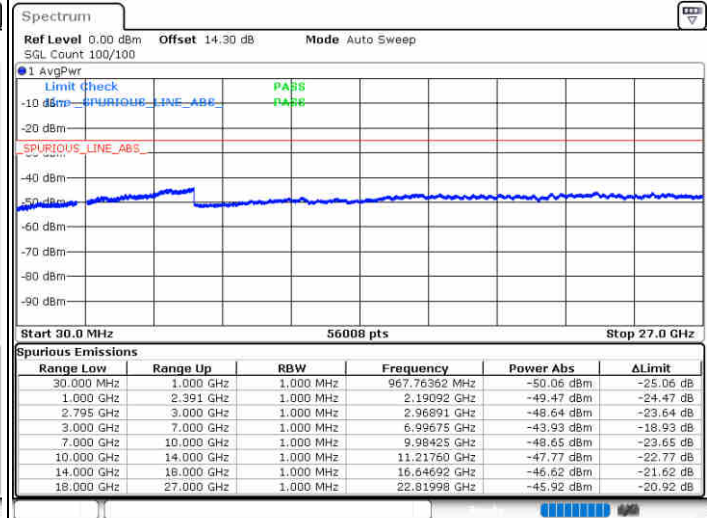
## FR1 UL-MIMO n41 / 40MHz / CP-OFDM QPSK (M)

## Lowest Channel / 1RB

## Middle Channel / 1RB

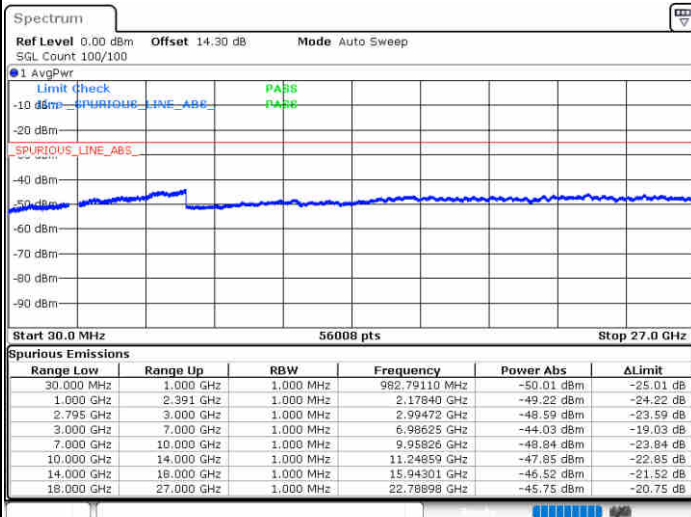


Date: 19.JAN.2021 22:14:54



Date: 19.JAN.2021 22:16:46

## Highest Channel / 1RB

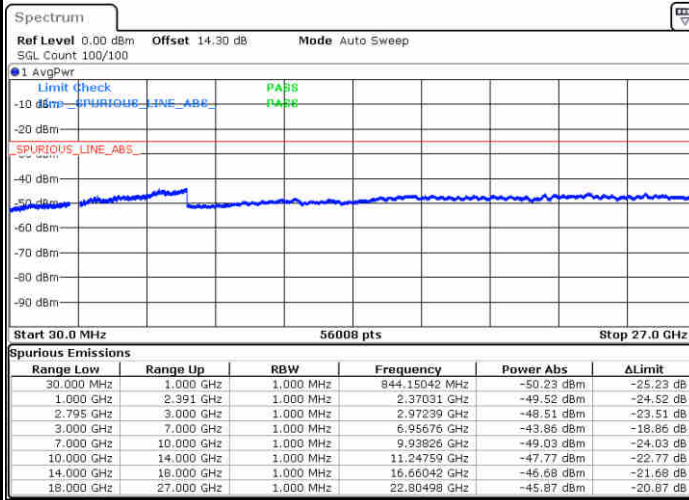


Date: 19.JAN.2021 22:25:04



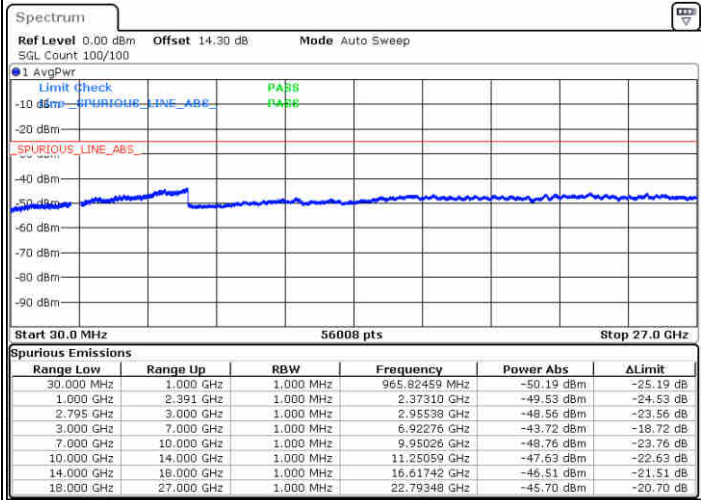
## FR1 UL-MIMO n41 / 80MHz / CP-OFDM QPSK (M2)

## Lowest Channel / 1RB



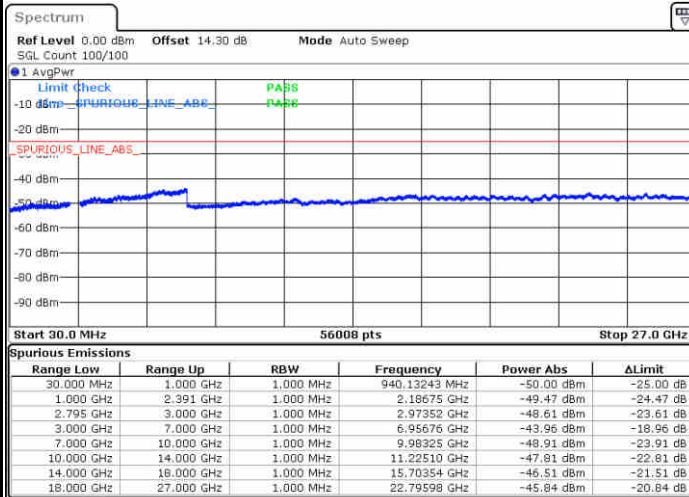
Date: 19.JAN.2021 20:29:46

## Middle Channel / 1RB



Date: 19.JAN.2021 20:30:58

## Highest Channel / 1RB



Date: 19.JAN.2021 20:57:42