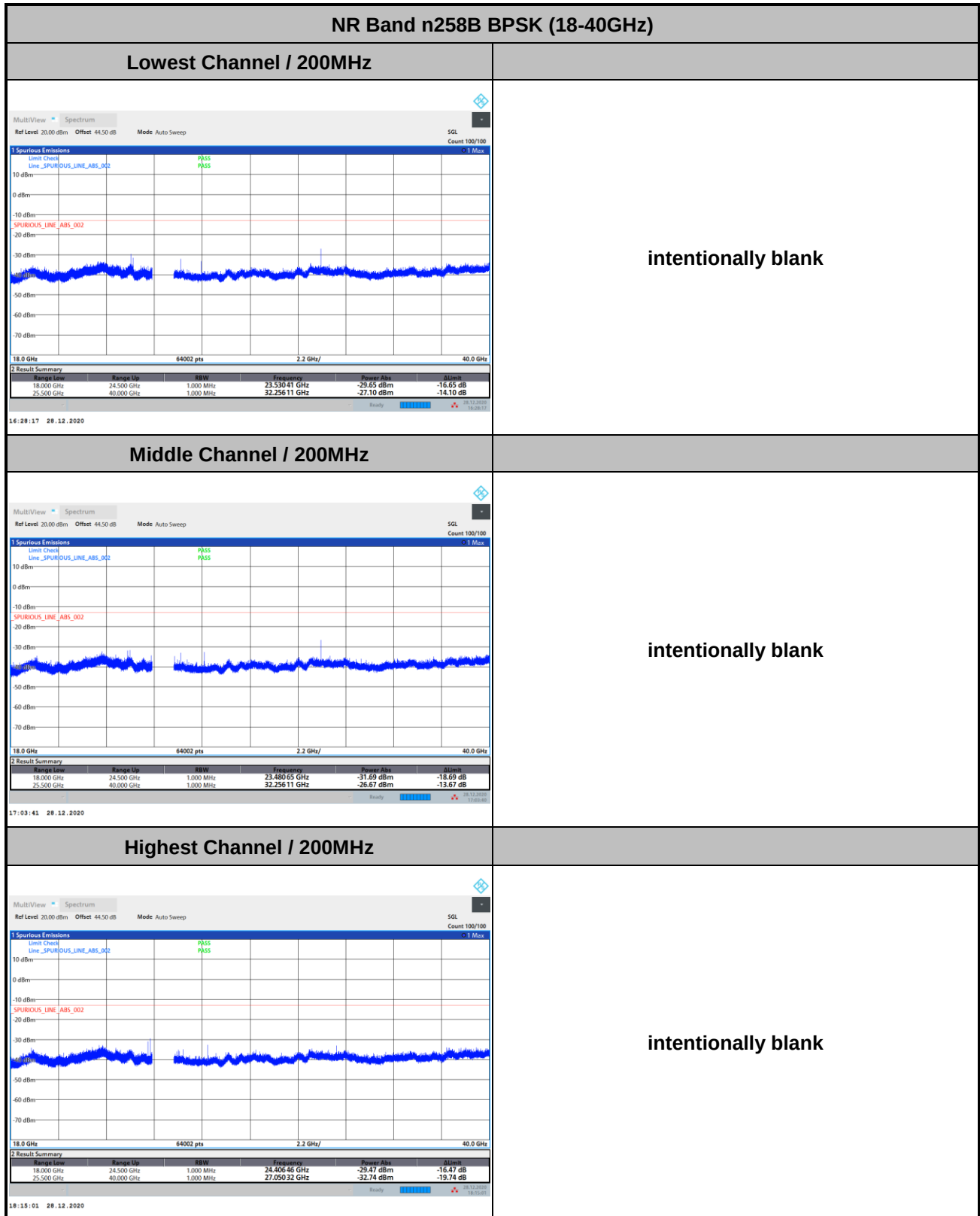




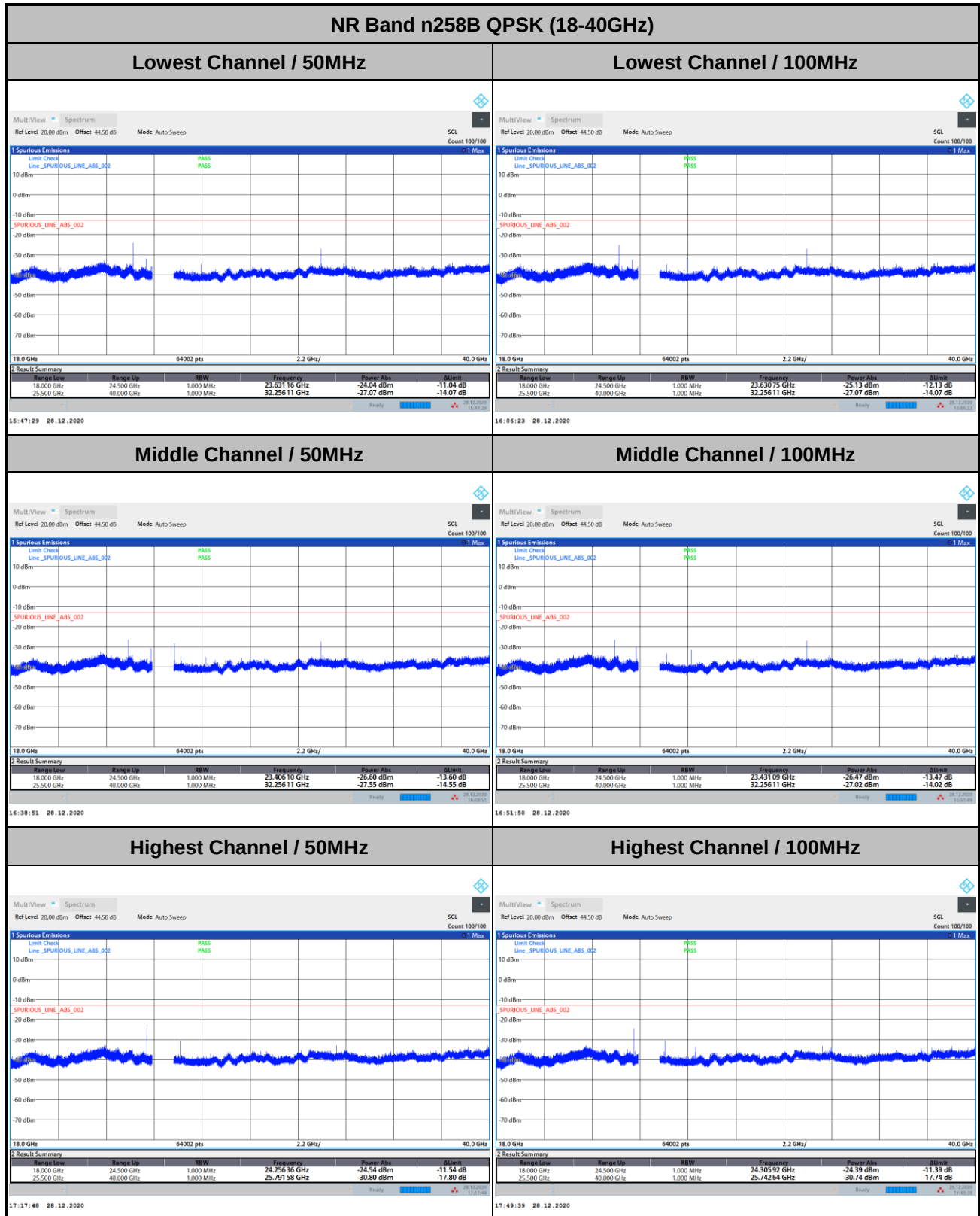
## AG0 DFT-s-OFDM Module 2



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



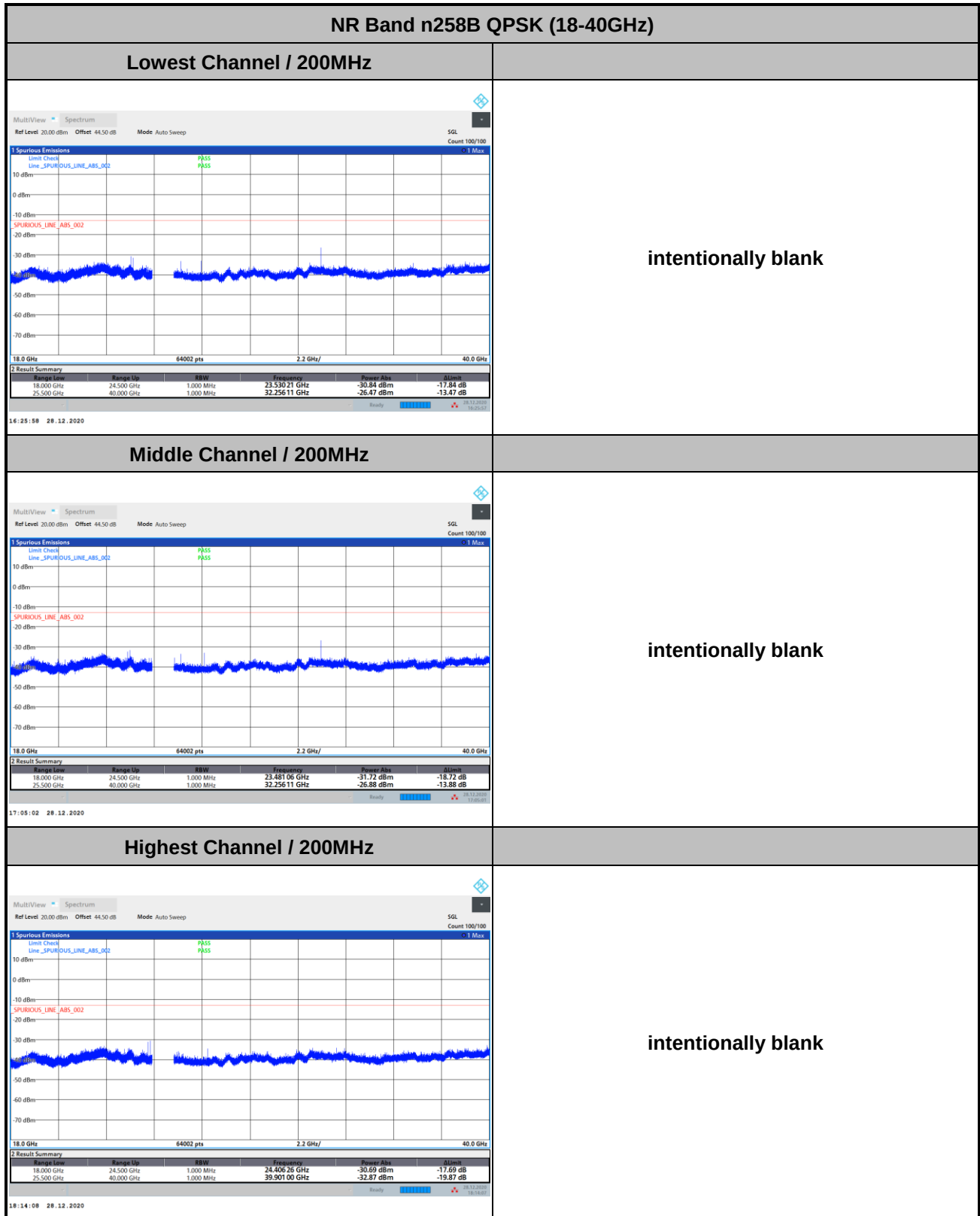
## AG0 DFT-s-OFDM Module 2



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



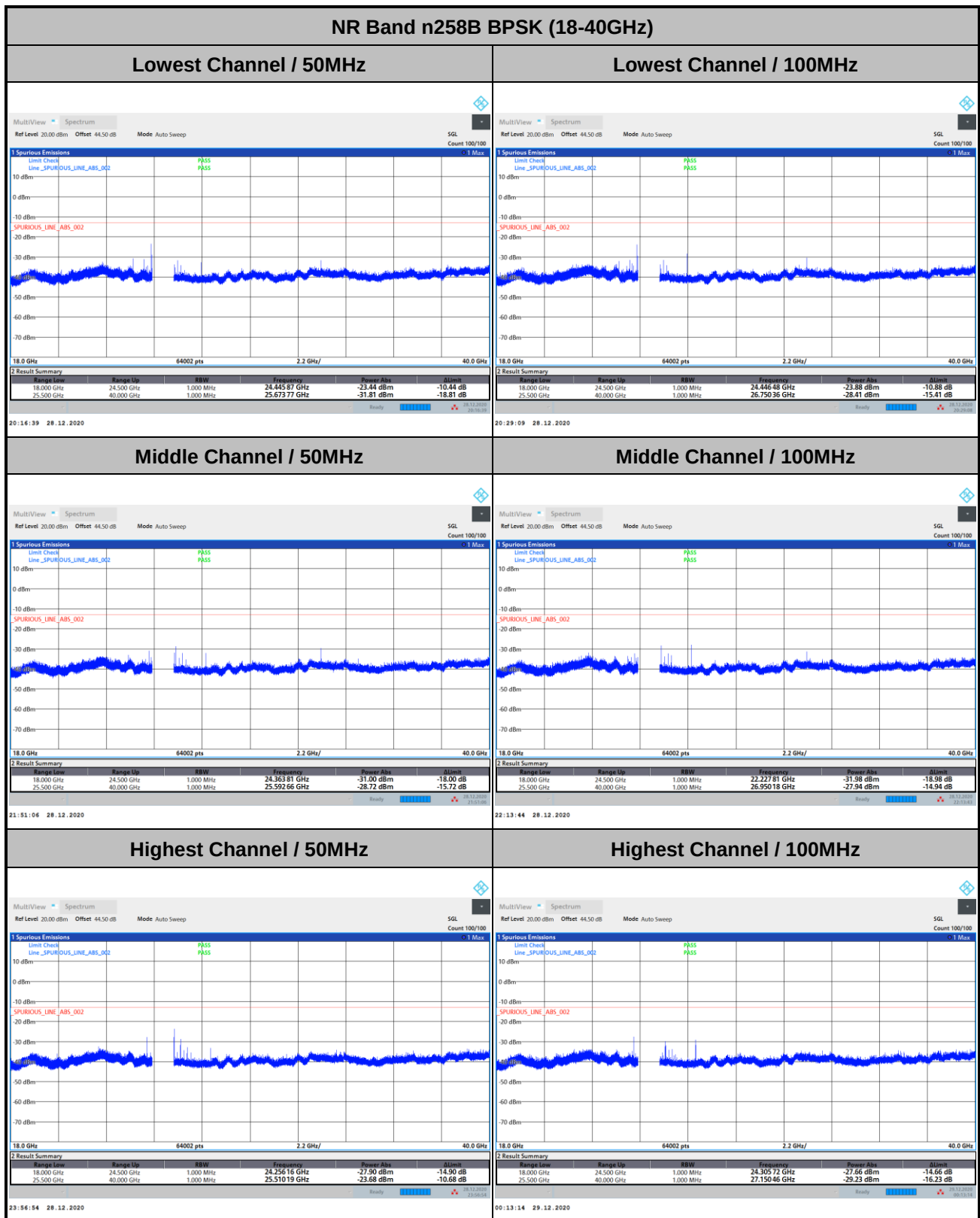
## AG0 DFT-s-OFDM Module 2



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



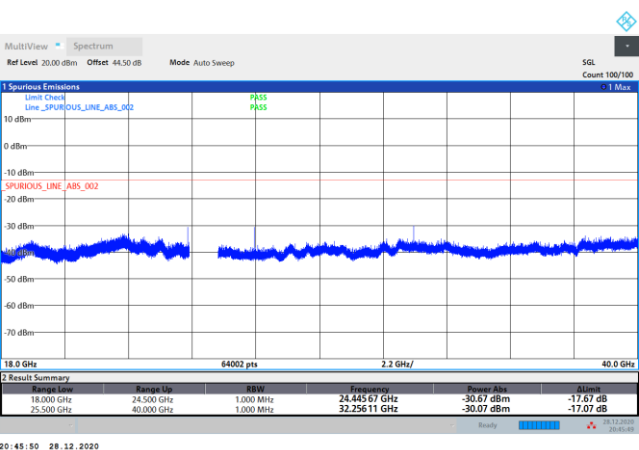
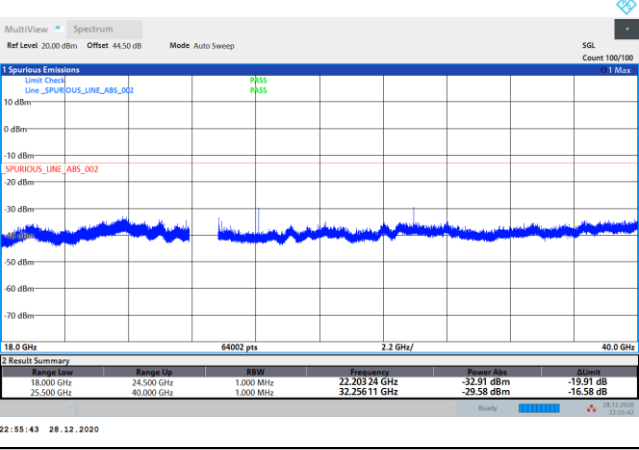
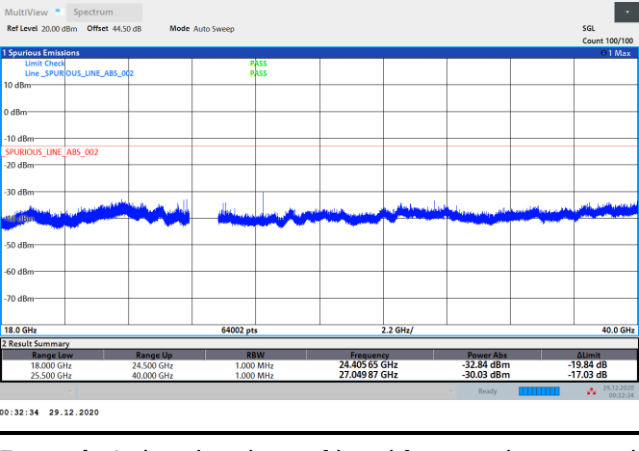
## AG1 DFT-s-OFDM Module 2



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



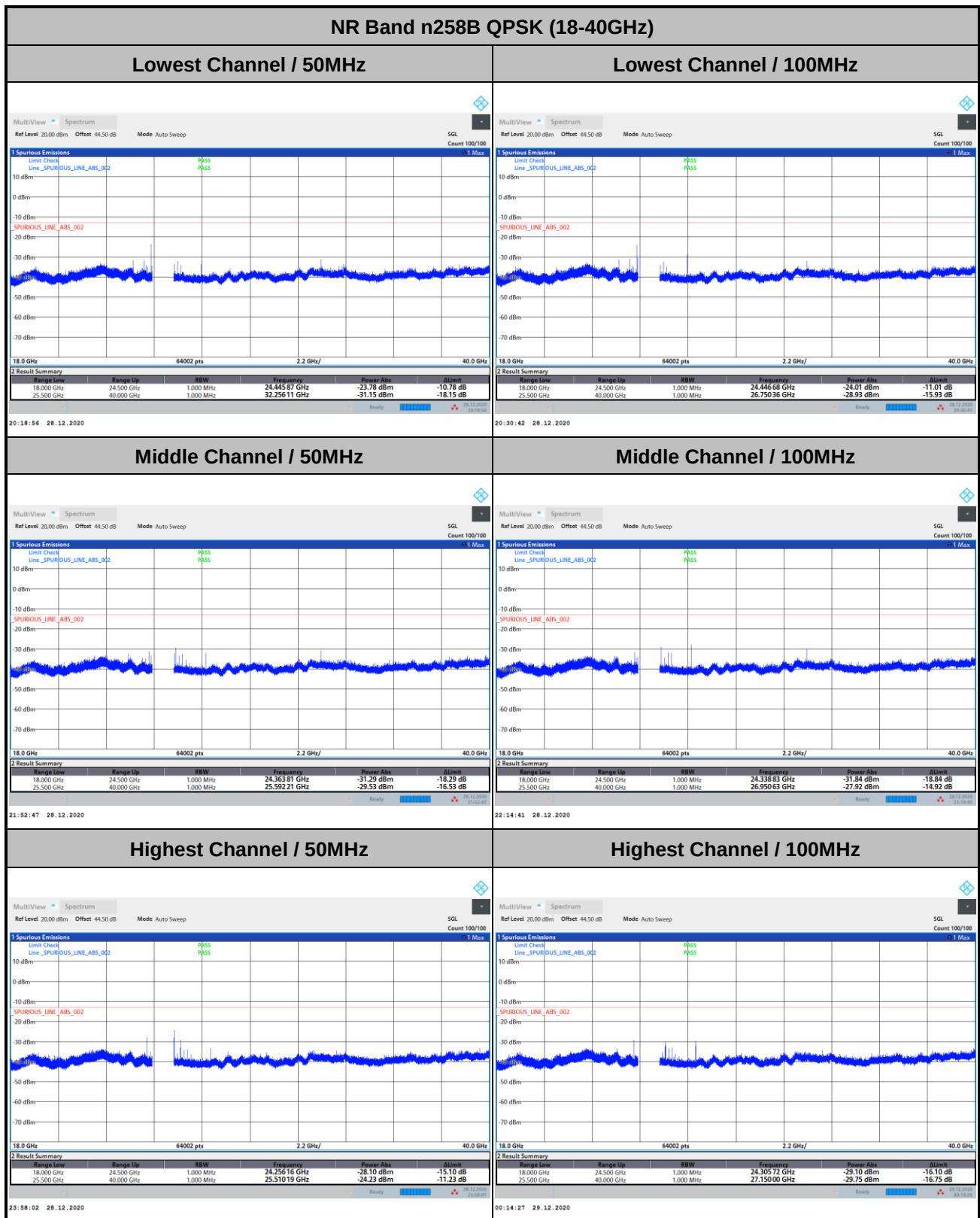
AG1 DFT-s-OFDM Module 2

| NR Band n258B BPSK (18-40GHz)                                                                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p><b>Lowest Channel / 200MHz</b></p>  <p>intentionally blank</p>    |  |
| <p><b>Middle Channel / 200MHz</b></p>  <p>intentionally blank</p>   |  |
| <p><b>Highest Channel / 200MHz</b></p>  <p>intentionally blank</p> |  |

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



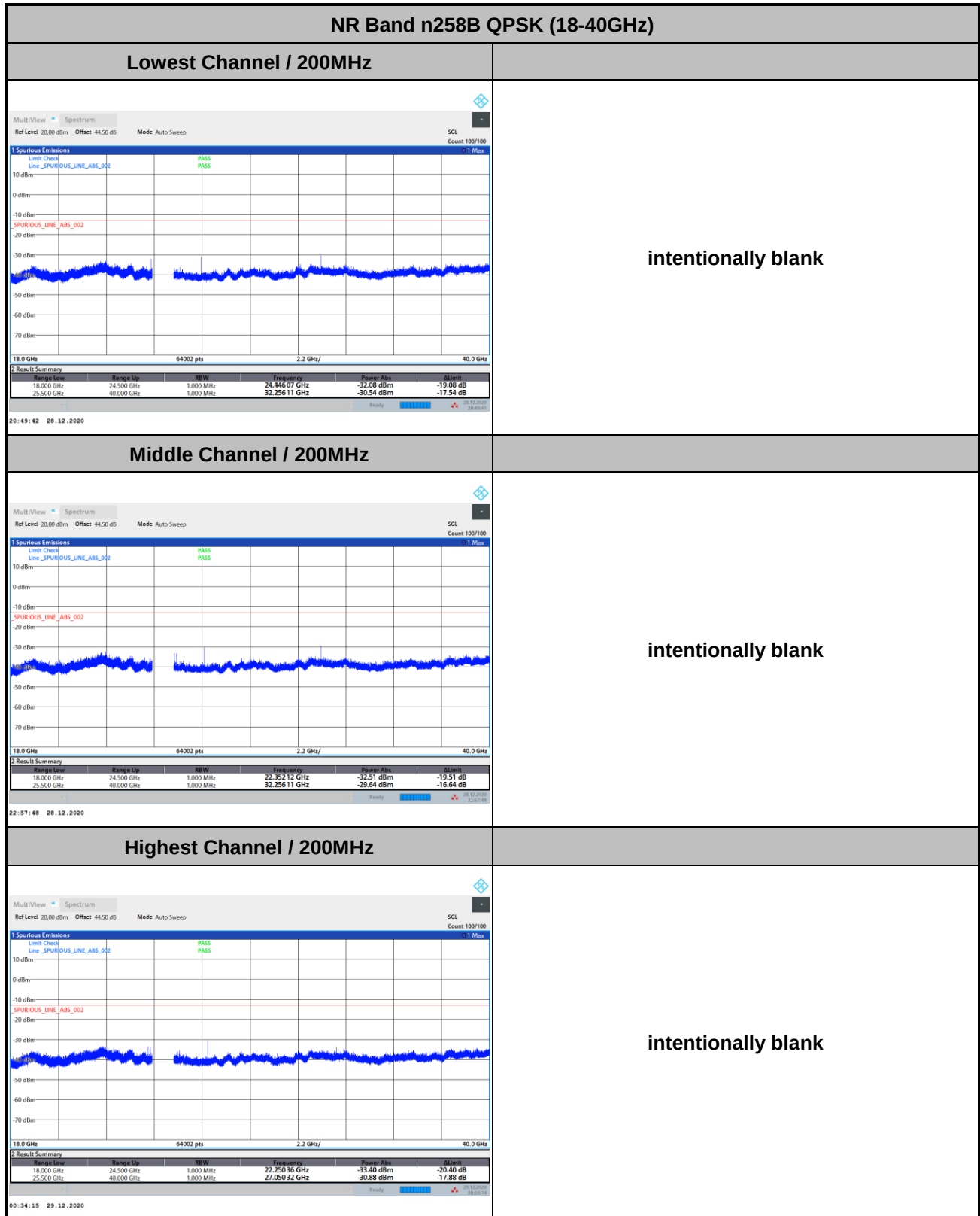
## AG1 DFT-s-OFDM Module 2



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



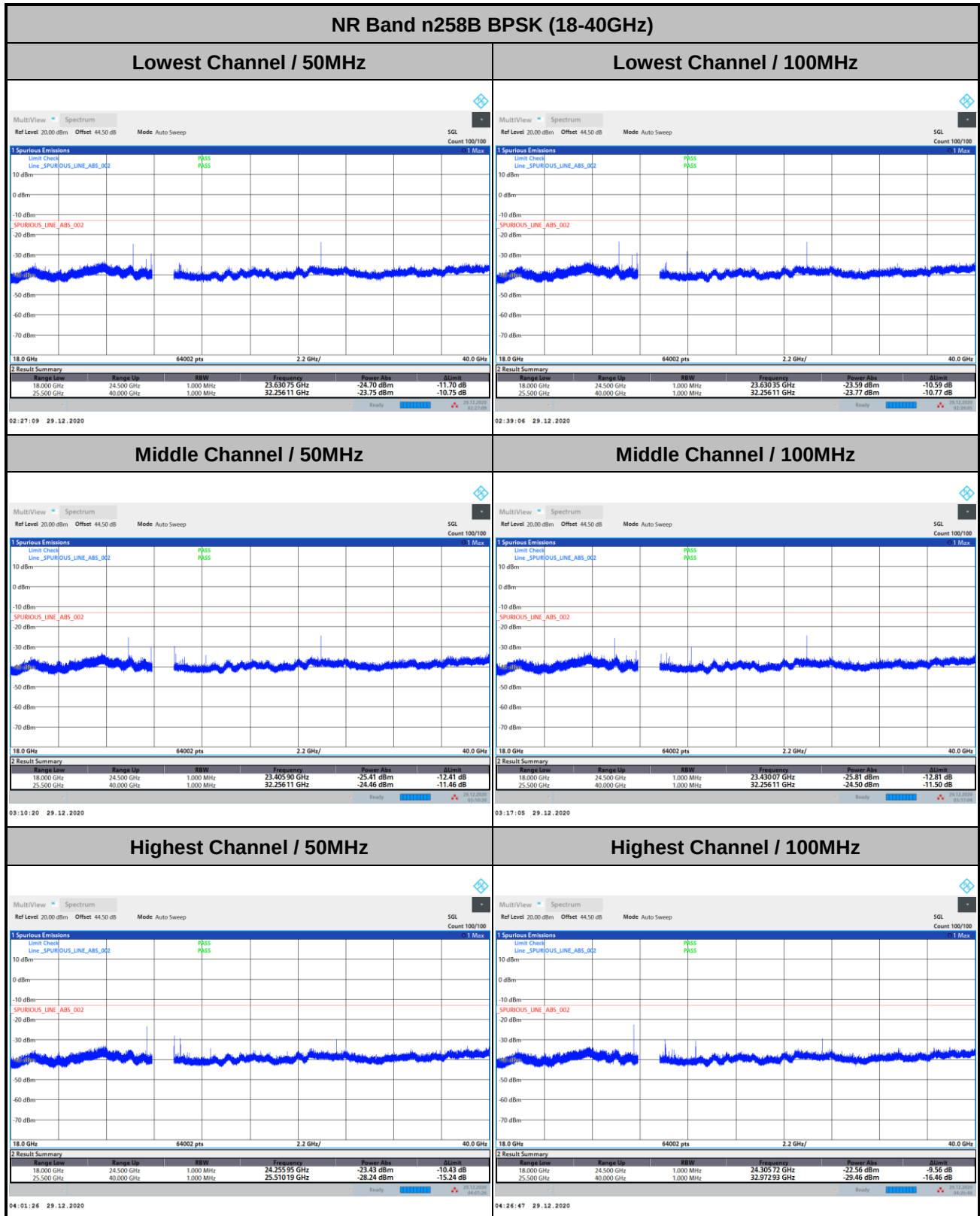
## AG1 DFT-s-OFDM Module 2



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



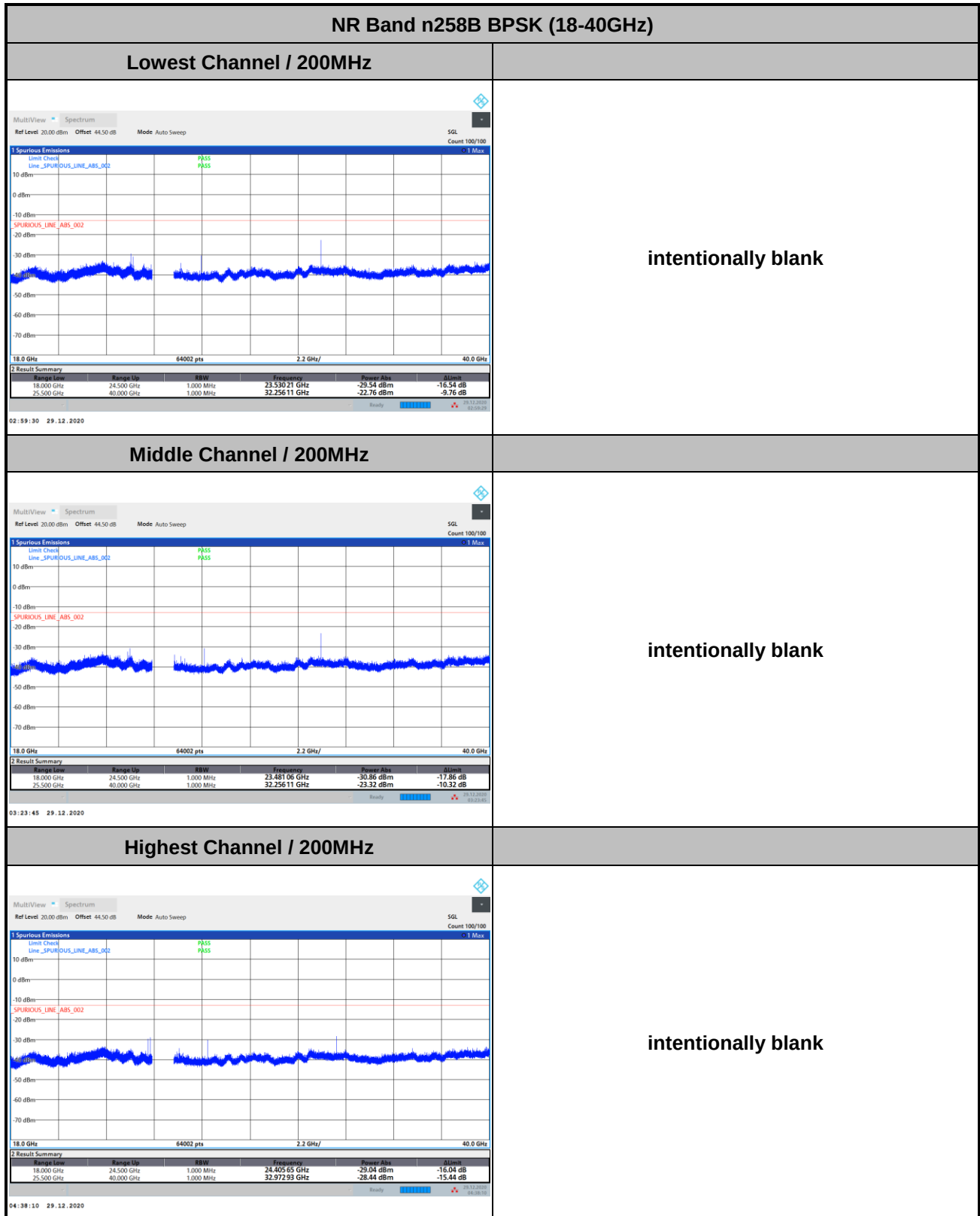
## AG0+1 DFT-s-OFDM Module 2



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



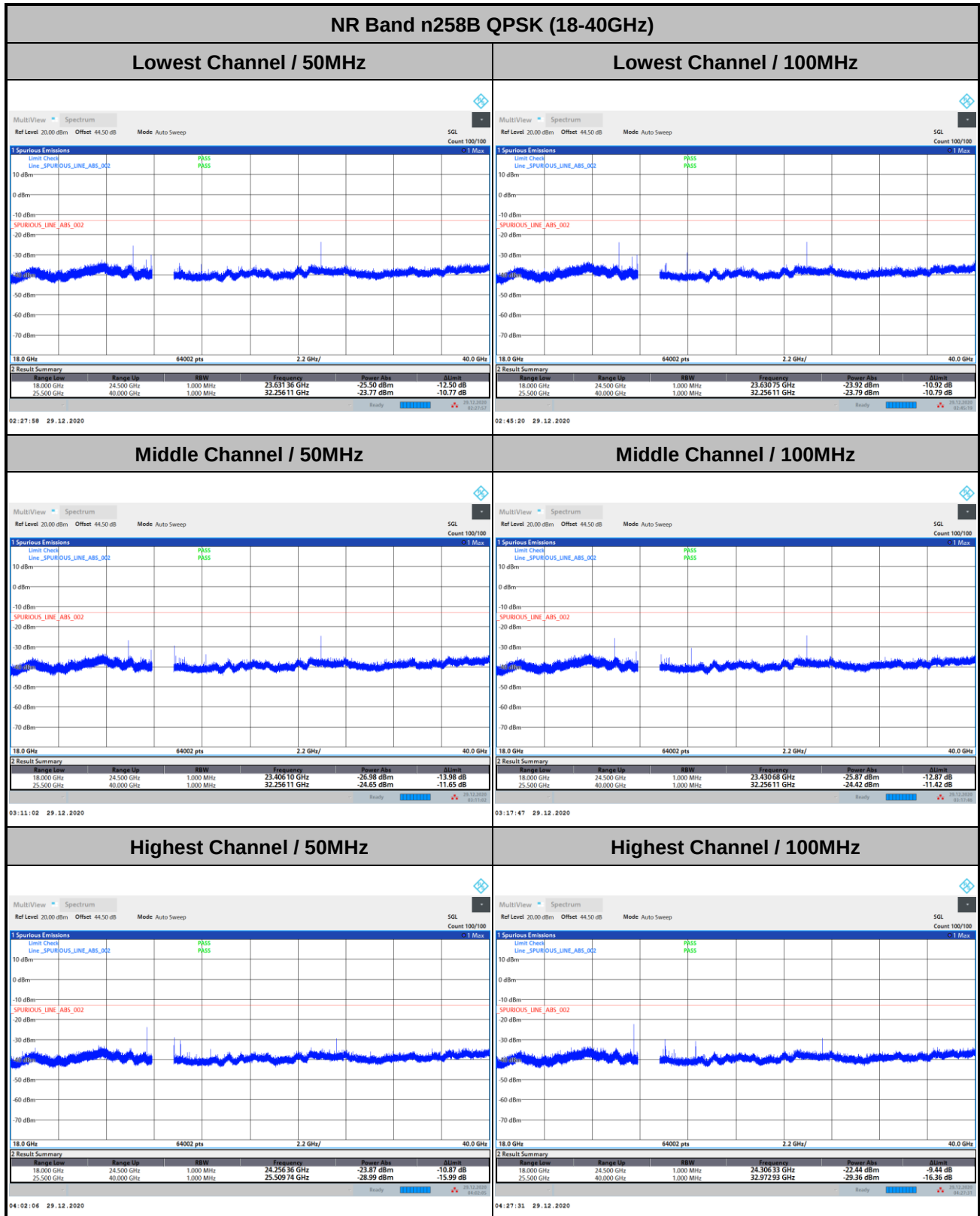
## AG0+1 DFT-s-OFDM Module 2



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



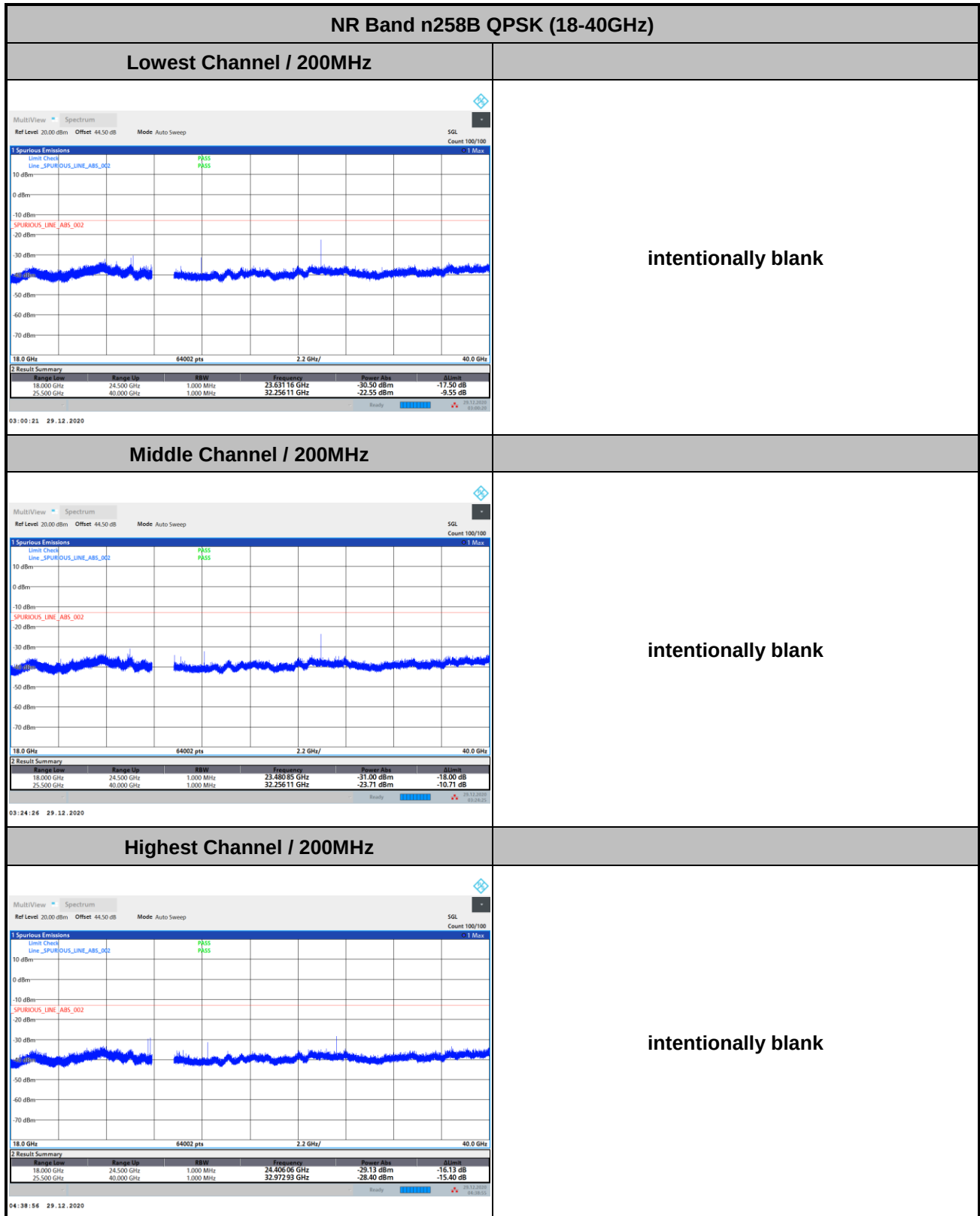
## AG0+1 DFT-s-OFDM Module 2



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



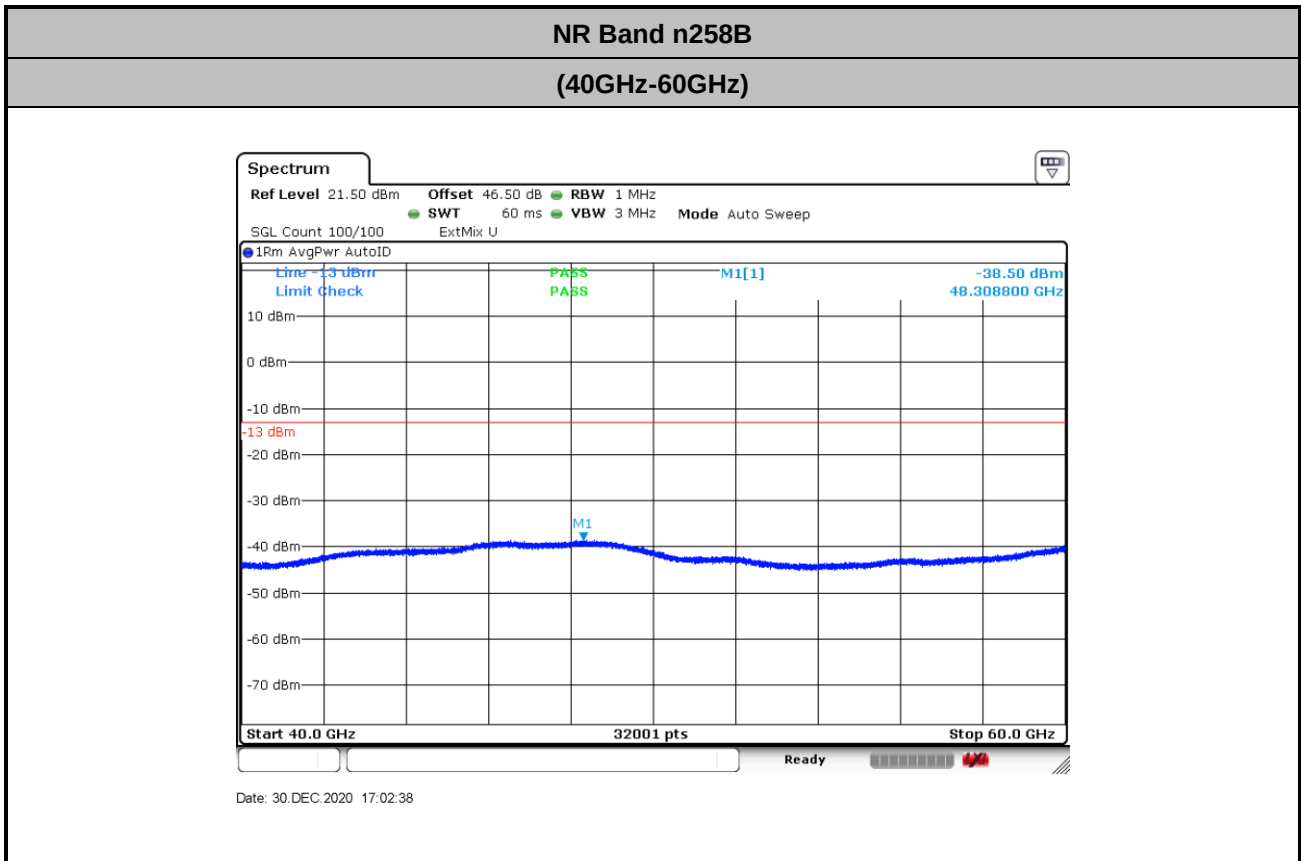
## AG0+1 DFT-s-OFDM Module 2



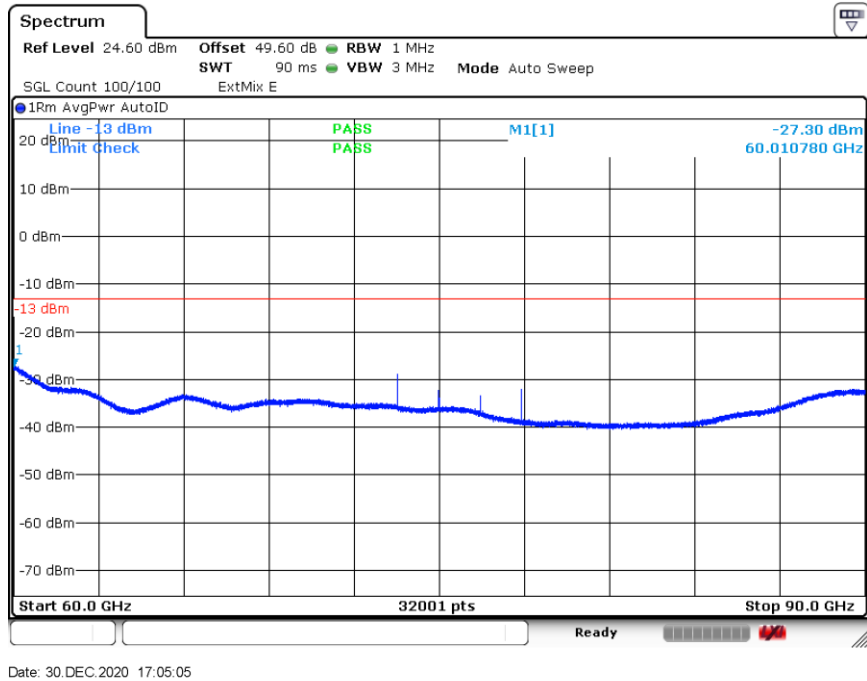
**Remark:** In band and out of band frequencies are omitted.



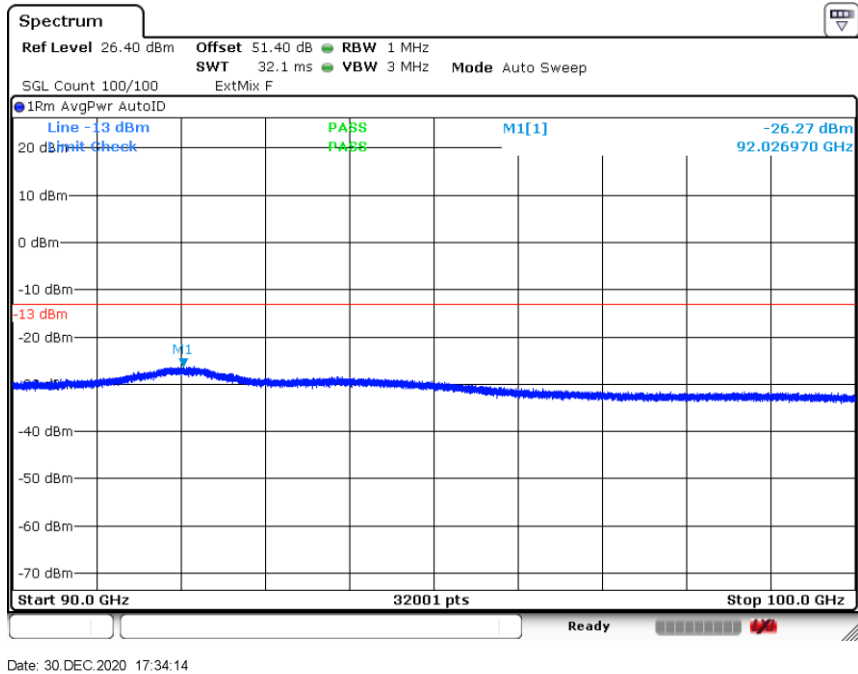
There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.  
Only the noise floor is reported.



**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
= 42.3 + 2 + 107 + 20log(1) – 104.8 = 46.5 (dB)

**NR Band n258B**
**(60GHz-90GHz)**


**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
 = 45.4 + 2 + 107 + 20log(1) – 104.8 = 49.6 (dB)

**NR Band n258B**
**(90GHz-100GHz)**


**Remark:** Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8  
 = 47.2 + 2 + 107 + 20log(1) – 104.8 = 51.4 (dB)

## Frequency Stability

| Test Conditions     |                   | NR Band n258b / Middle Channel |                    |                    | Limit   |
|---------------------|-------------------|--------------------------------|--------------------|--------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | CW tone                        |                    |                    | Note 2. |
|                     |                   | Frequency<br>(GHz)             | Deviation<br>(kHz) | Deviation<br>(ppm) | Result  |
| 50                  | Normal Voltage    | 25.00012987                    | -130.370           | 5.215              | Pass    |
| 40                  | Normal Voltage    | 25.00008641                    | -86.910            | 3.476              |         |
| 30                  | Normal Voltage    | 25.00003097                    | -31.470            | 1.259              |         |
| 20(Ref.)            | Normal Voltage    | 24.9999995                     | 0.000              | 0.000              |         |
| 10                  | Normal Voltage    | 24.99997702                    | 22.480             | 0.899              |         |
| 0                   | Normal Voltage    | 24.99995305                    | 46.450             | 1.858              |         |
| -10                 | Normal Voltage    | 24.9999016                     | 97.900             | 3.916              |         |
| -20                 | Normal Voltage    | 24.99988312                    | 116.380            | 4.655              |         |
| -30                 | Normal Voltage    | 24.99985315                    | 146.350            | 5.854              |         |
| 20                  | Maximum Voltage   | 25.0000015                     | -2.000             | 0.080              |         |
| 20                  | Normal Voltage    | 24.9999965                     | 3.000              | 0.120              |         |
| 20                  | Battery End Point | 24.99999251                    | 6.990              | 0.280              |         |

**Note:**

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. The frequency fundamental emissions stay within the operation band.



## NR Band n260 Module 0

## Occupied Bandwidth

AG0

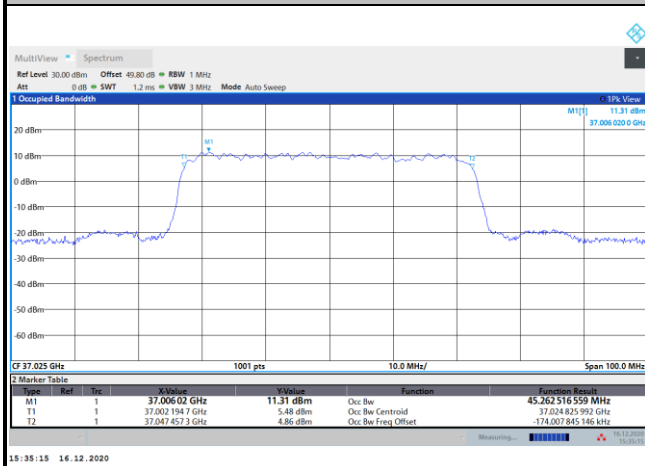
| Mode       | DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz) |       |       |       |        |       |       |       |        |        |        |        |
|------------|------------------------------------------------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|
| BW         | 50MHz                                          |       |       |       | 100MHz |       |       |       | 200MHz |        |        |        |
| Mod.       | BPSK                                           | QPSK  | 16QAM | 64QAM | BPSK   | QPSK  | 16QAM | 64QAM | BPSK   | QPSK   | 16QAM  | 64QAM  |
| Lowest CH  | 45.26                                          | 45.66 | 45.31 | 45.37 | 90.76  | 90.71 | 90.60 | 90.54 | 188.32 | 188.14 | 188.67 | 188.55 |
| Middle CH  | 45.12                                          | 45.54 | 45.41 | 45.28 | 90.32  | 90.35 | 90.54 | 90.57 | 187.95 | 188.12 | 188.33 | 188.25 |
| Highest CH | 45.04                                          | 45.51 | 45.33 | 45.24 | 90.81  | 90.41 | 90.66 | 90.64 | 188.39 | 188.23 | 188.38 | 188.47 |



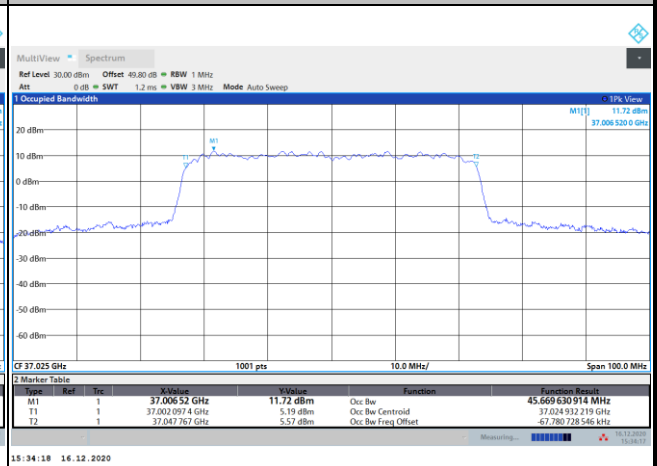
## DFT-s-OFDM Module 0

## NR Band n260

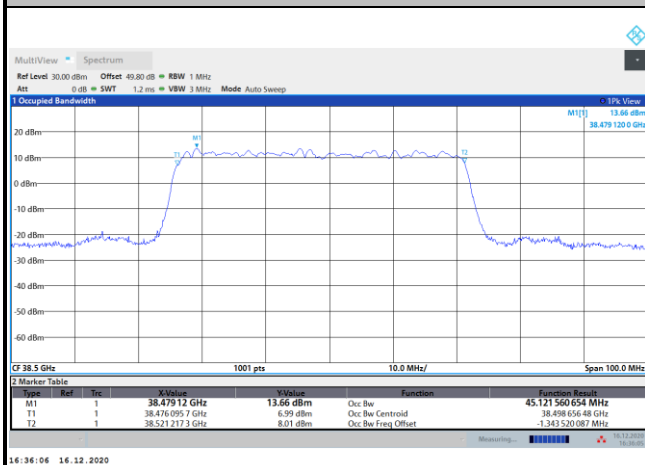
## Lowest Channel / 50MHz / BPSK



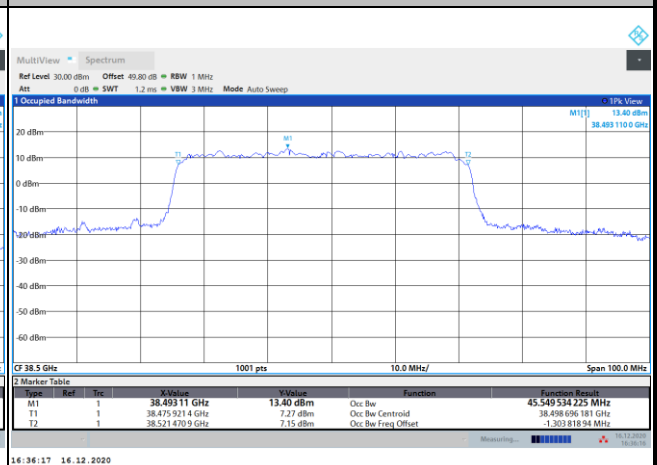
## Lowest Channel / 50MHz / QPSK



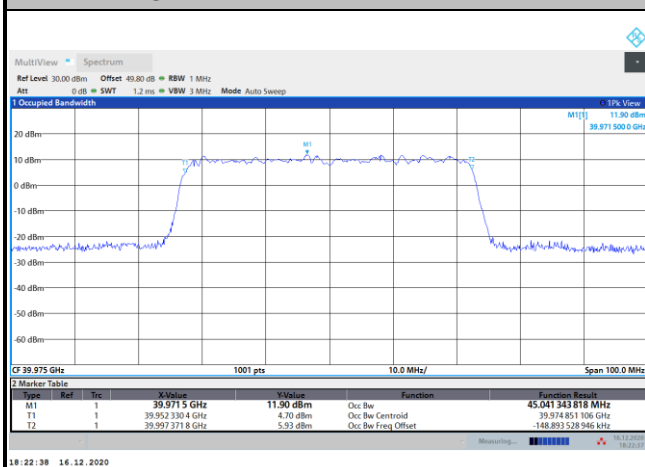
## Middle Channel / 50MHz / BPSK



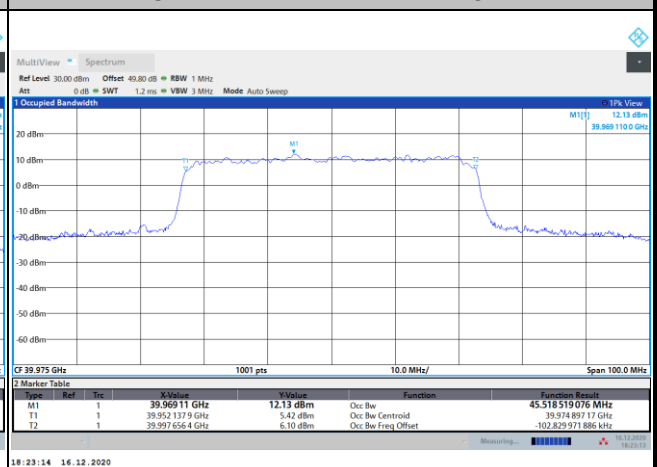
## Middle Channel / 50MHz / QPSK



## Highest Channel / 50MHz / BPSK



## Highest Channel / 50MHz / QPSK

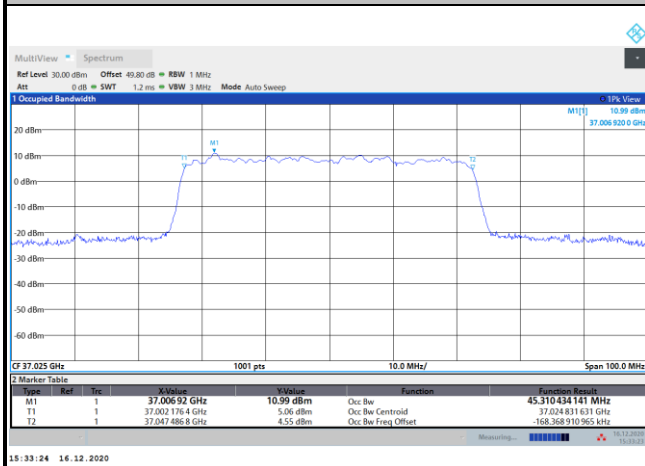




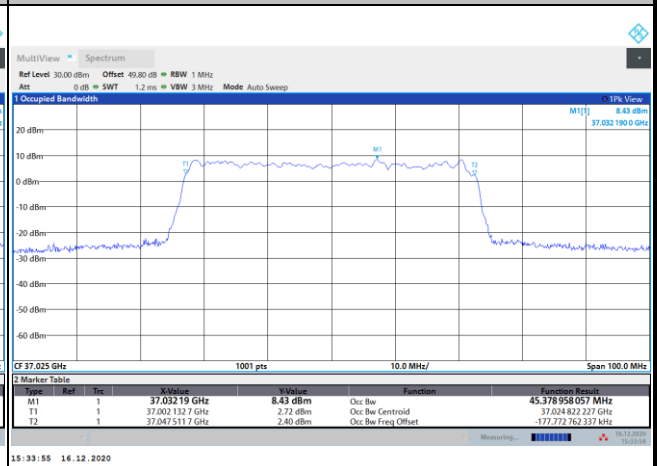
## DFT-s-OFDM Module 0

## NR Band n260

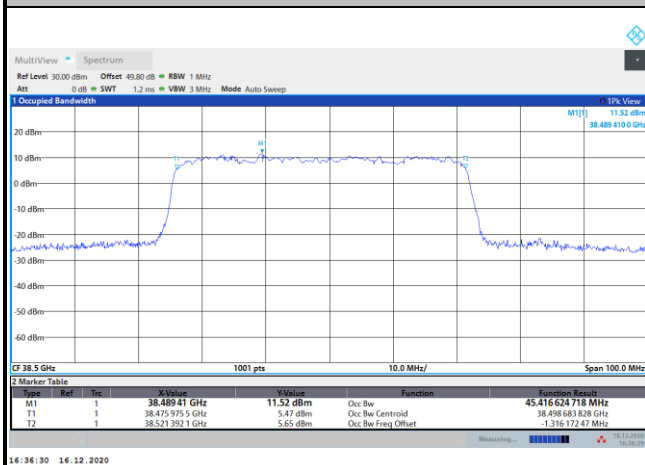
## Lowest Channel / 50MHz / 16QAM



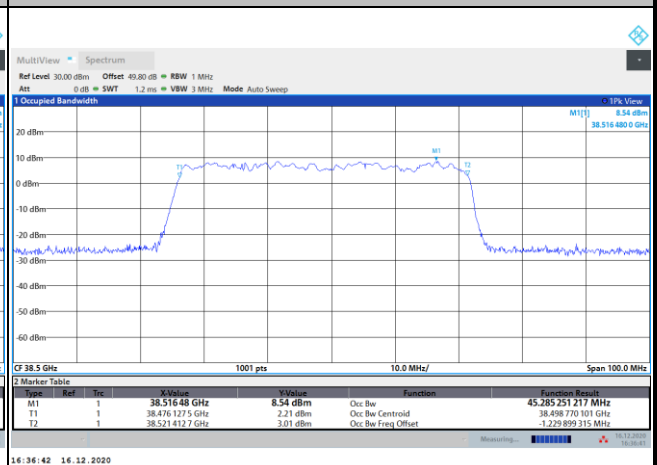
## Lowest Channel / 50MHz / 64QAM



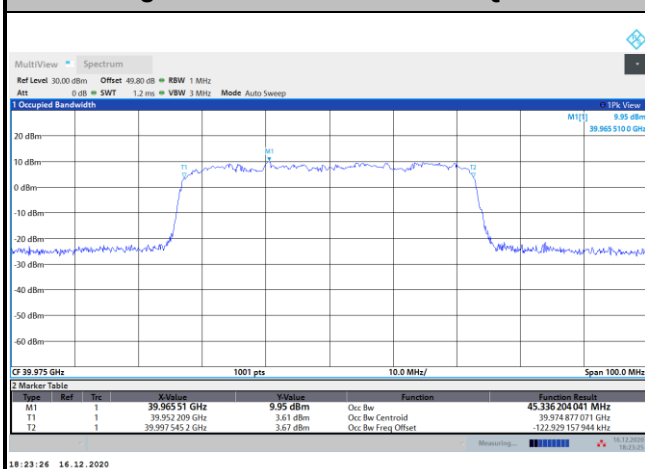
## Middle Channel / 50MHz / 16QAM



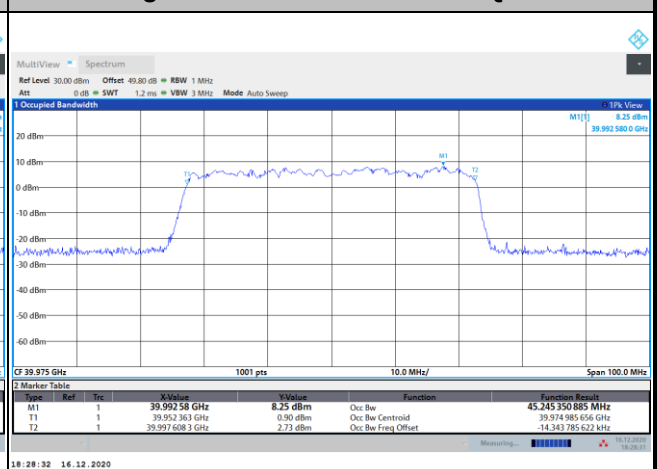
## Middle Channel / 50MHz / 64QAM



## Highest Channel / 50MHz / 16QAM



## Highest Channel / 50MHz / 64QAM

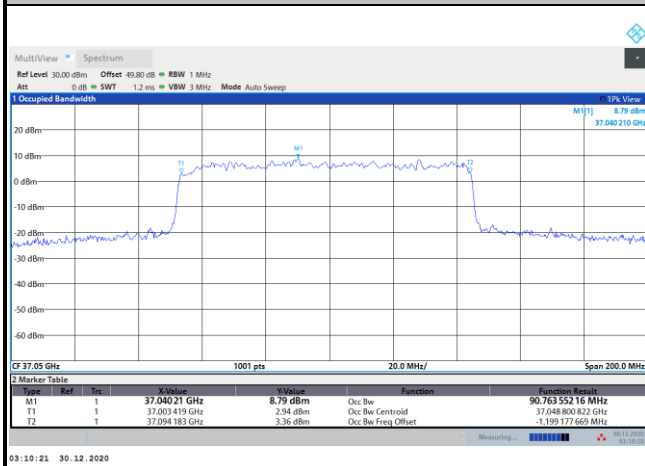




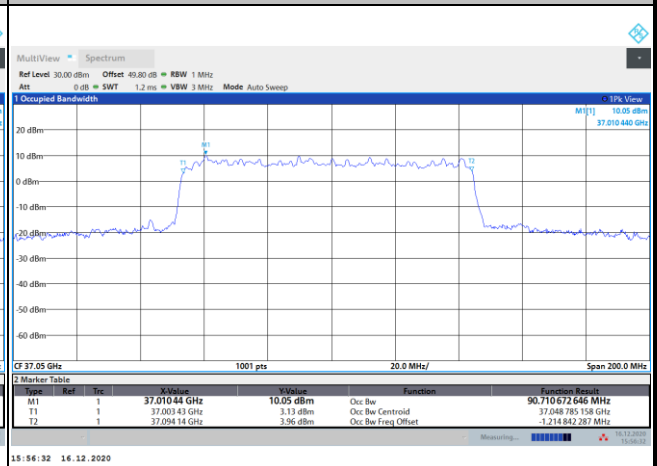
## DFT-s-OFDM Module 0

## NR Band n260

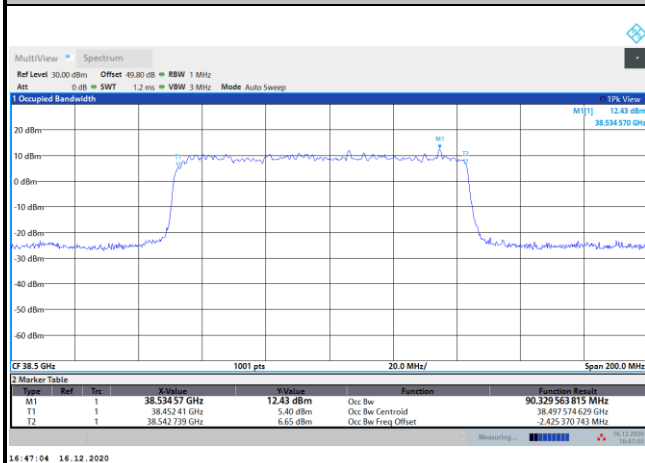
## Lowest Channel / 100MHz / BPSK



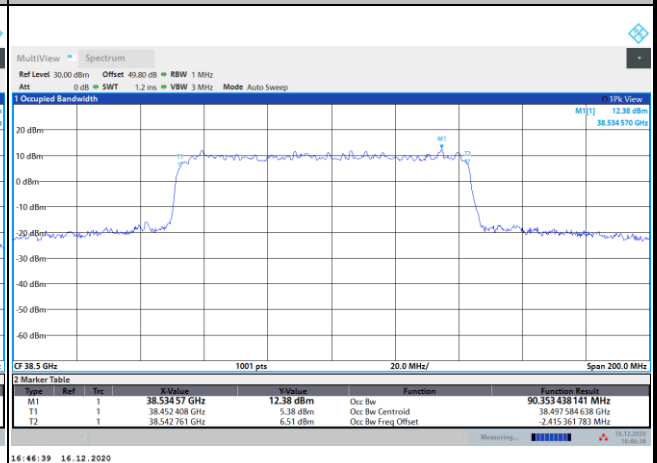
## Lowest Channel / 100MHz / QPSK



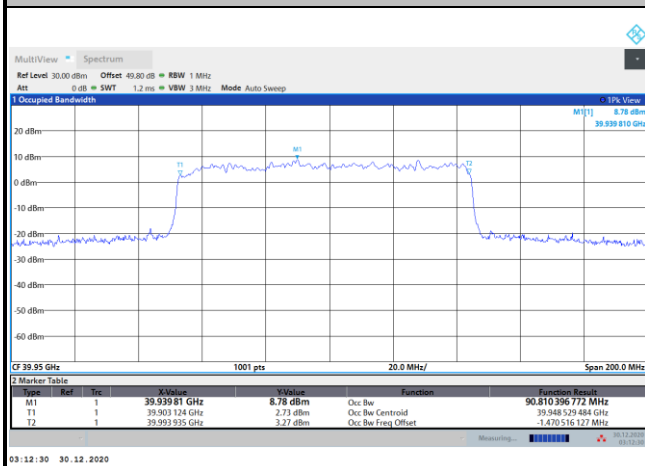
## Middle Channel / 100MHz / BPSK



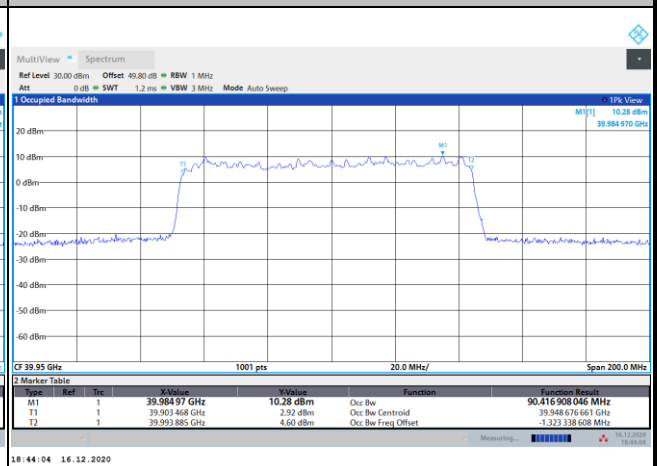
## Middle Channel / 100MHz / QPSK



## Highest Channel / 100MHz / BPSK



## Highest Channel / 100MHz / QPSK

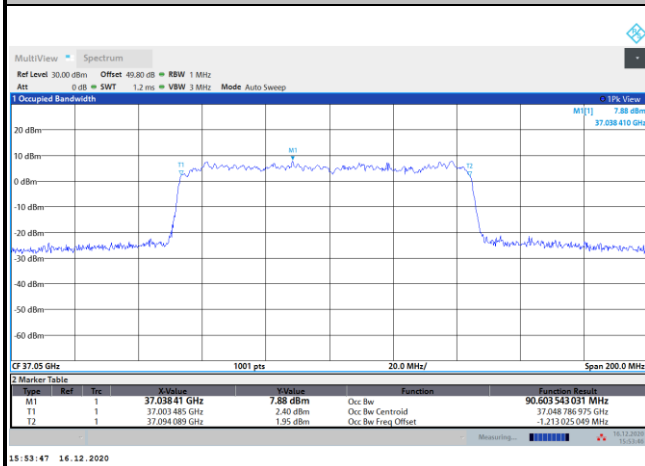




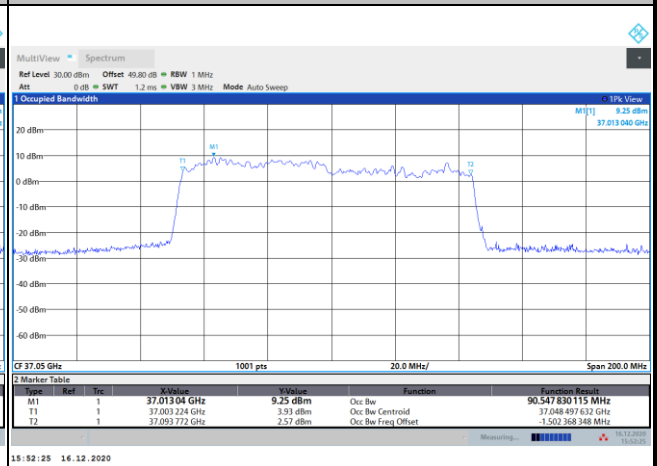
## DFT-s-OFDM Module 0

## NR Band n260

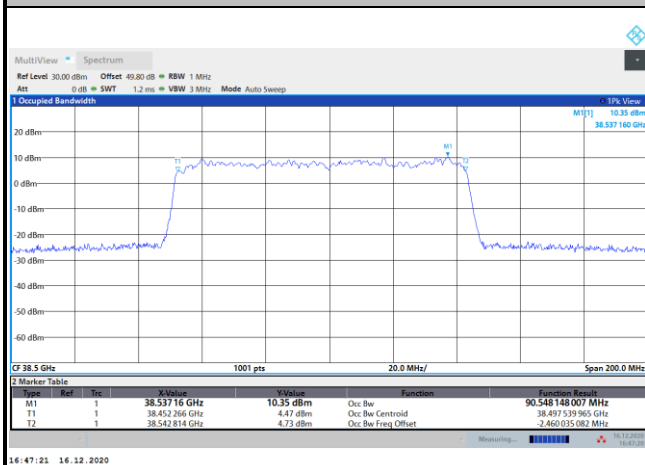
## Lowest Channel / 100MHz / 16QAM



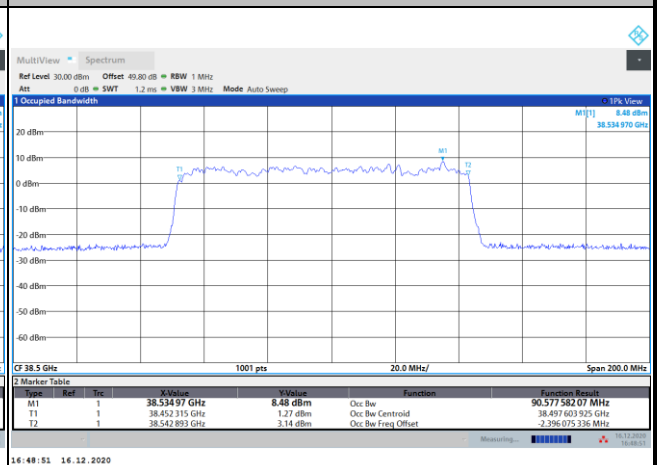
## Lowest Channel / 100MHz / 64QAM



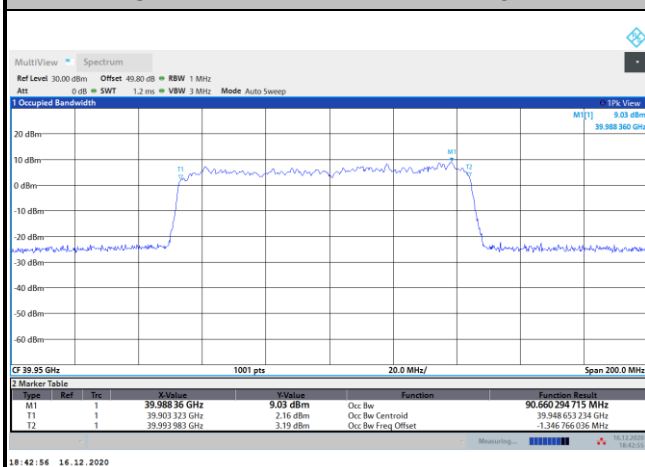
## Middle Channel / 100MHz / 16QAM



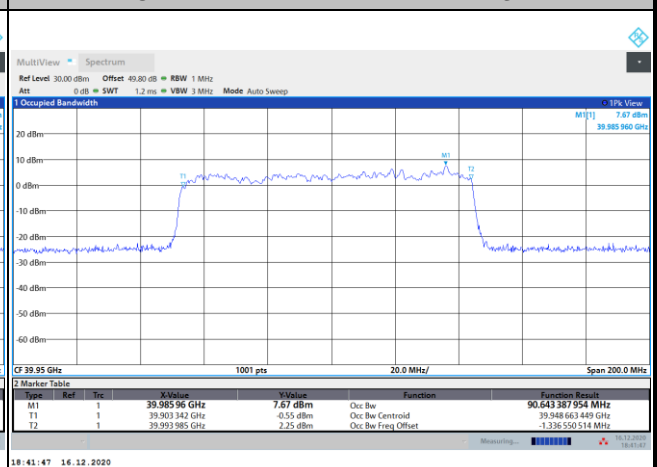
## Middle Channel / 100MHz / 64QAM



## Highest Channel / 100MHz / 16QAM



## Highest Channel / 100MHz / 64QAM





## DFT-s-OFDM Module 0

## NR Band n260

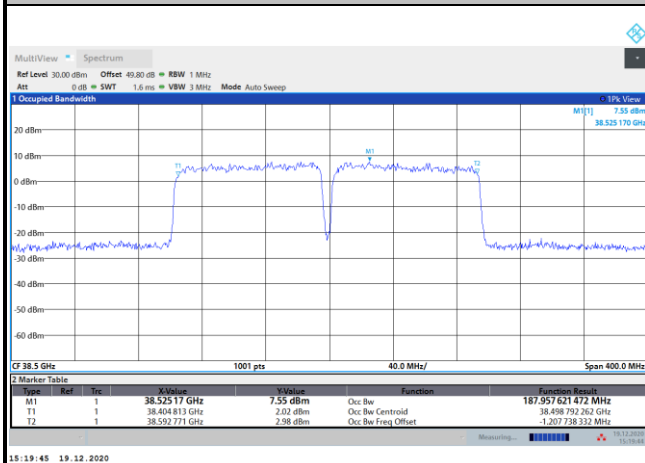
## Lowest Channel / 200MHz / BPSK



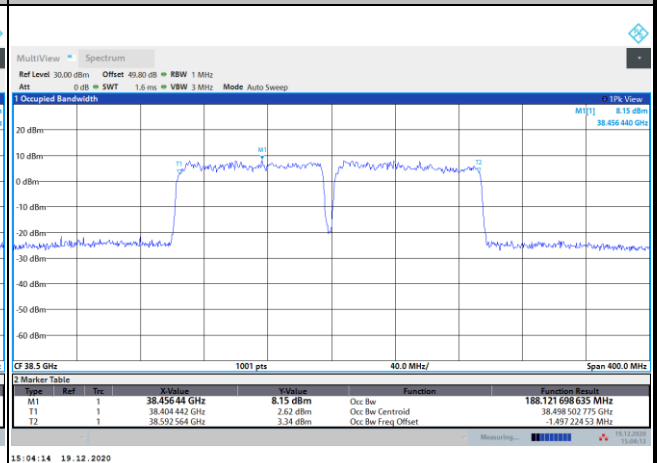
## Lowest Channel / 200MHz / QPSK



## Middle Channel / 200MHz / BPSK



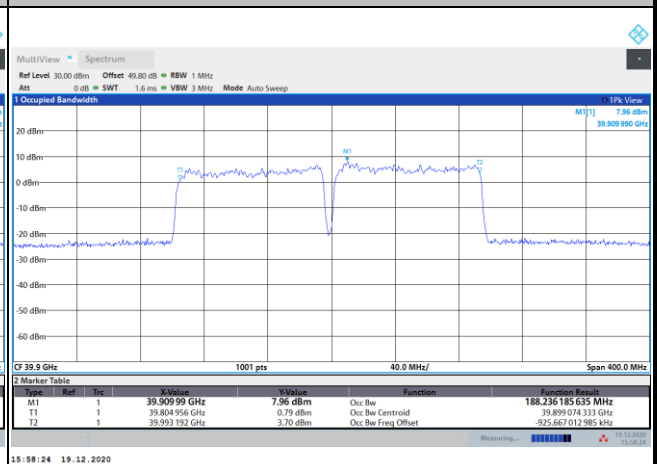
## Middle Channel / 200MHz / QPSK



## Highest Channel / 200MHz / BPSK



## Highest Channel / 200MHz / QPSK

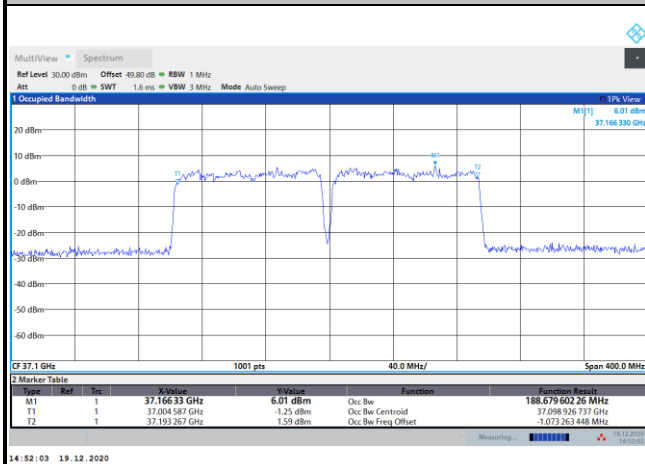




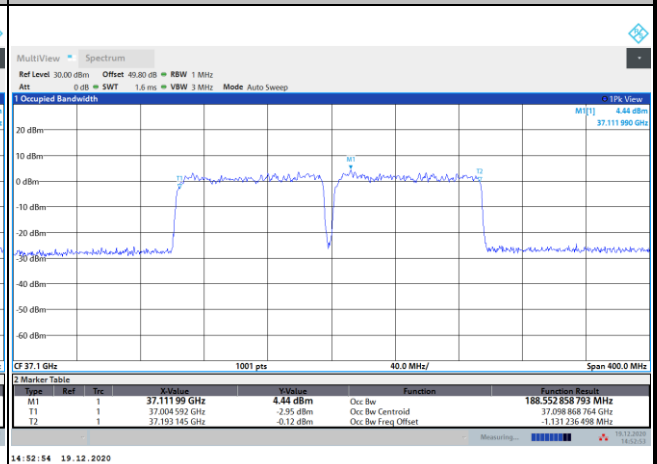
## DFT-s-OFDM Module 0

## NR Band n260

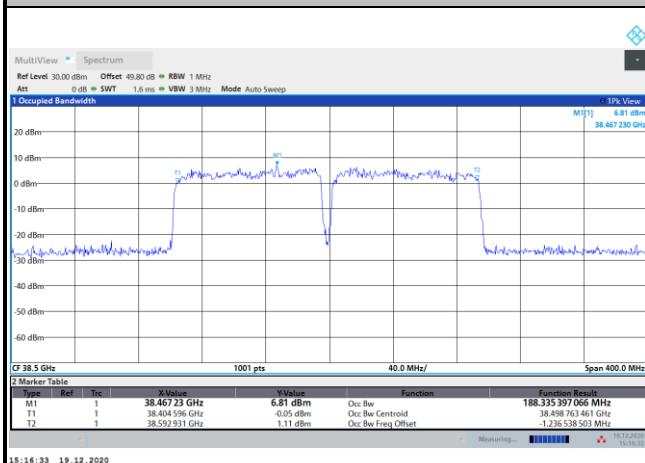
## Lowest Channel / 200MHz / 16QAM



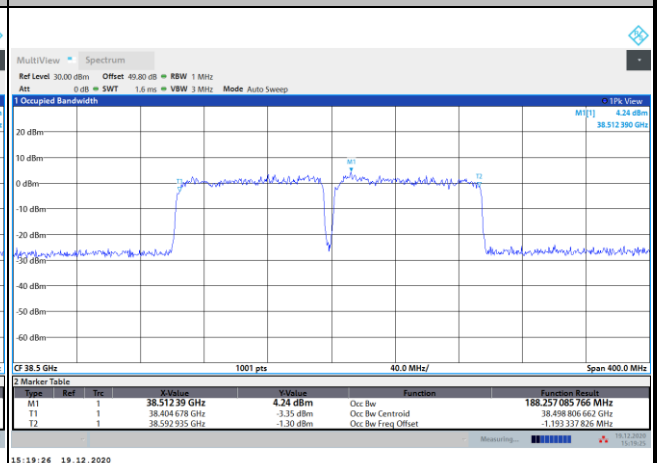
## Lowest Channel / 200MHz / 64QAM



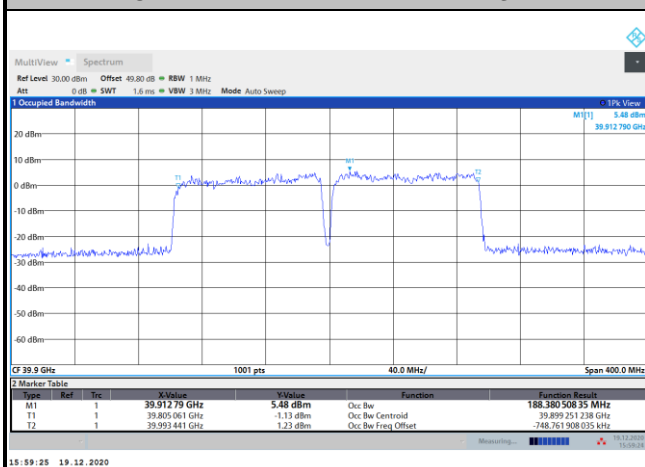
## Middle Channel / 200MHz / 16QAM



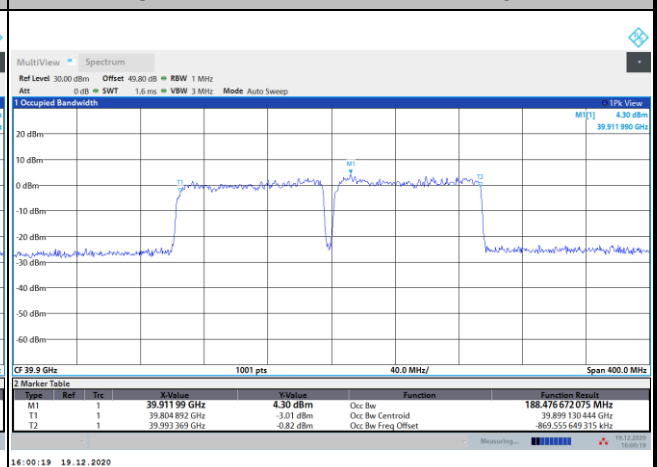
## Middle Channel / 200MHz / 64QAM



## Highest Channel / 200MHz / 16QAM



## Highest Channel / 200MHz / 64QAM





AG1

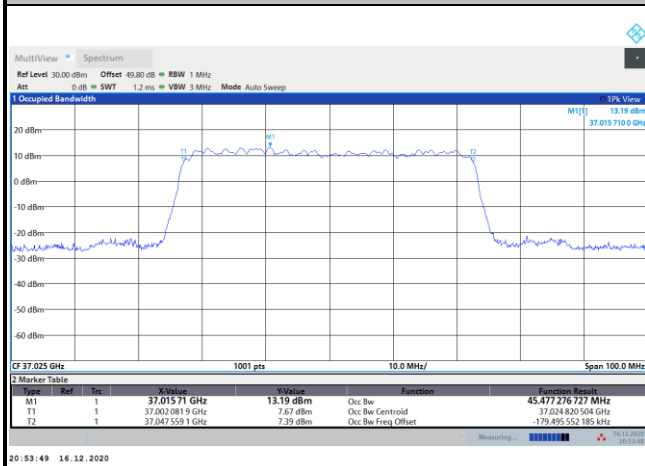
| Mode       | DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz) |       |       |       |        |       |       |       |        |        |        |        |
|------------|------------------------------------------------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|
| BW         | 50MHz                                          |       |       |       | 100MHz |       |       |       | 200MHz |        |        |        |
| Mod.       | BPSK                                           | QPSK  | 16QAM | 64QAM | BPSK   | QPSK  | 16QAM | 64QAM | BPSK   | QPSK   | 16QAM  | 64QAM  |
| Lowest CH  | 45.47                                          | 45.47 | 45.27 | 45.45 | 90.84  | 91.01 | 90.62 | 90.77 | 188.60 | 189.20 | 188.60 | 188.74 |
| Middle CH  | 45.43                                          | 45.45 | 45.22 | 45.45 | 90.12  | 90.57 | 90.34 | 90.27 | 188.11 | 188.66 | 187.85 | 188.18 |
| Highest CH | 45.23                                          | 45.21 | 45.11 | 45.16 | 90.11  | 90.56 | 90.23 | 90.20 | 188.38 | 188.83 | 188.08 | 188.28 |



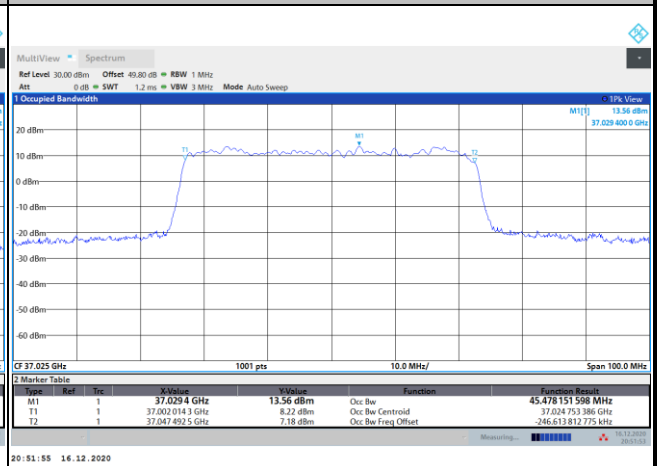
## DFT-s-OFDM Module 0

## NR Band n260

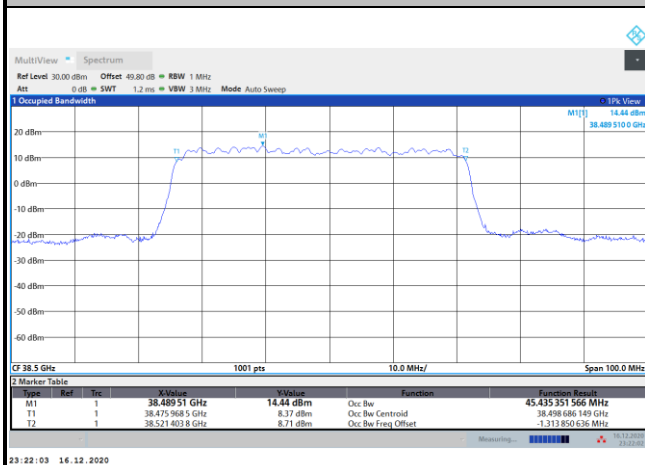
## Lowest Channel / 50MHz / BPSK



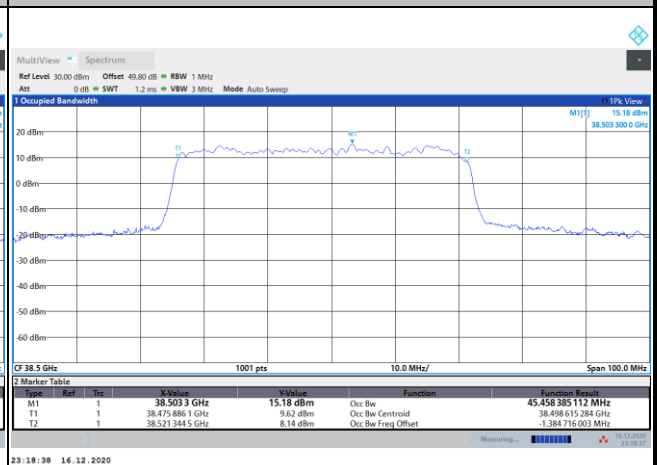
## Lowest Channel / 50MHz / QPSK



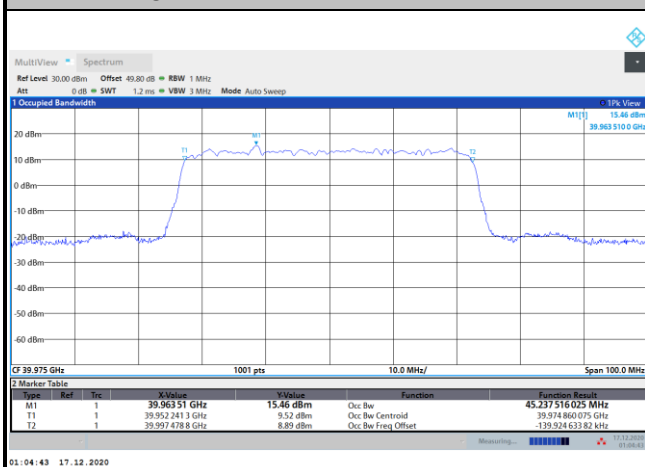
## Middle Channel / 50MHz / BPSK



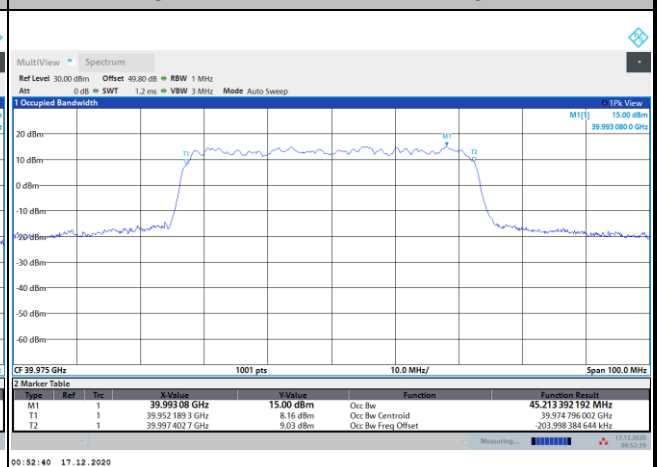
## Middle Channel / 50MHz / QPSK



## Highest Channel / 50MHz / BPSK



## Highest Channel / 50MHz / QPSK

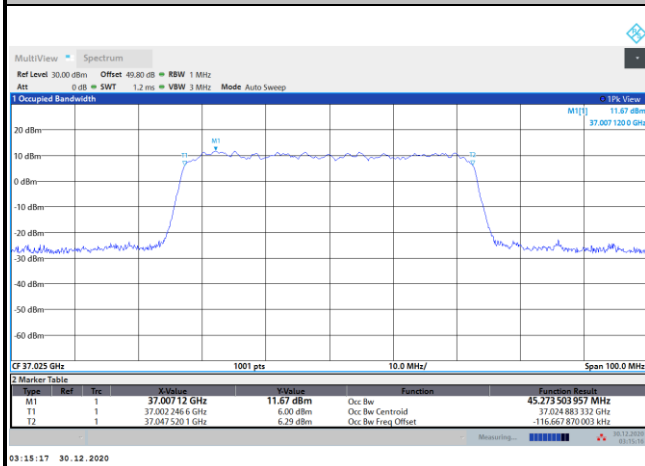




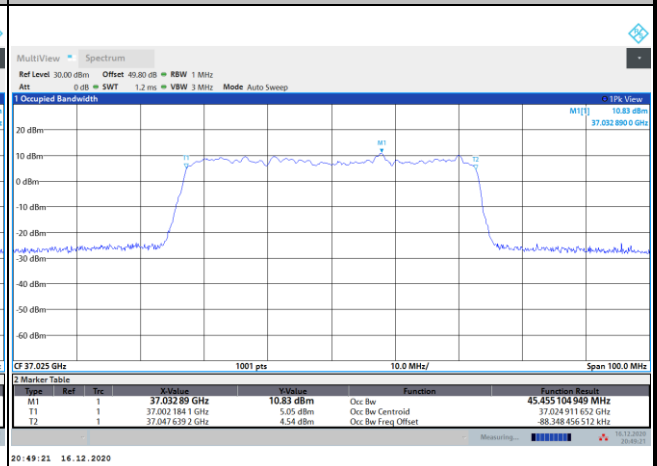
## DFT-s-OFDM Module 0

## NR Band n260

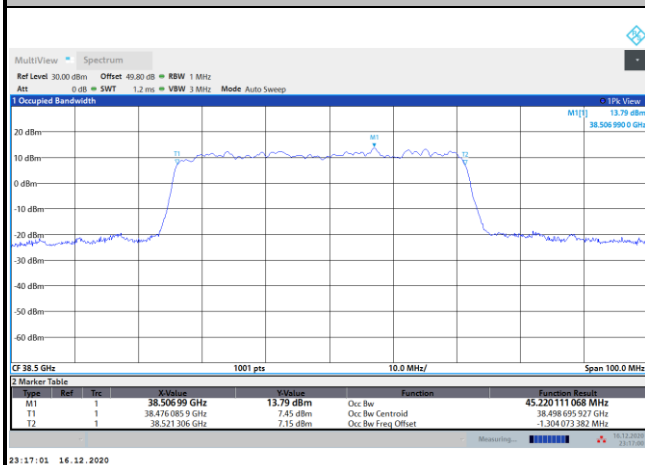
## Lowest Channel / 50MHz / 16QAM



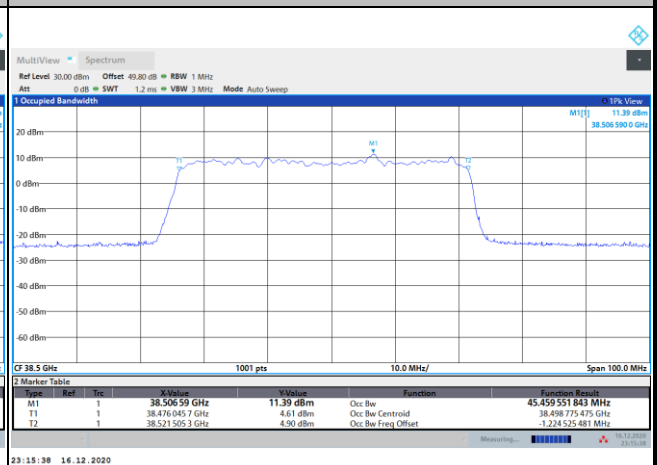
## Lowest Channel / 50MHz / 64QAM



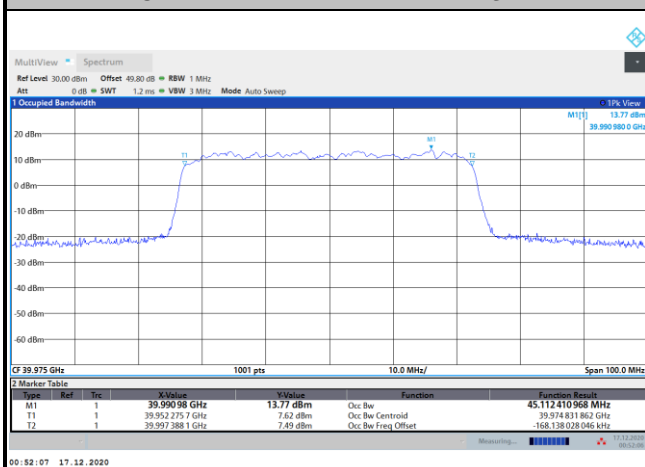
## Middle Channel / 50MHz / 16QAM



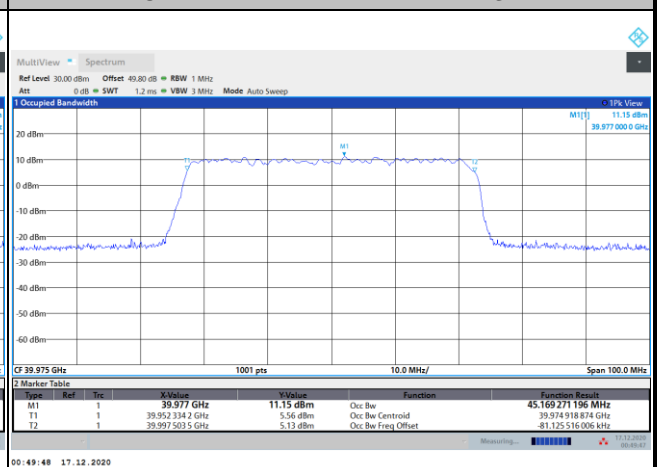
## Middle Channel / 50MHz / 64QAM



## Highest Channel / 50MHz / 16QAM



## Highest Channel / 50MHz / 64QAM

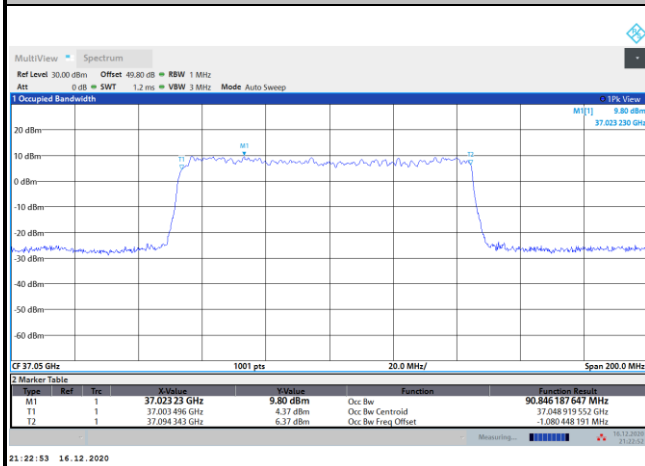




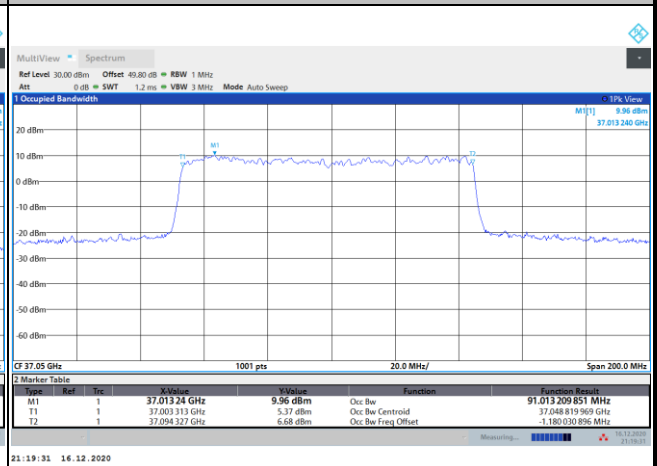
## DFT-s-OFDM Module 0

## NR Band n260

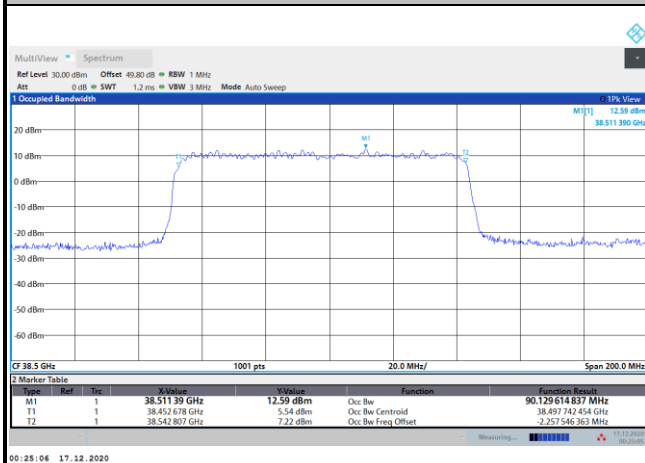
## Lowest Channel / 100MHz / BPSK



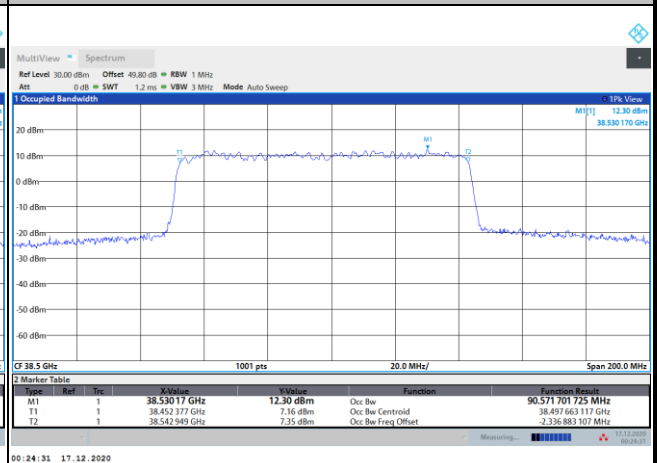
## Lowest Channel / 100MHz / QPSK



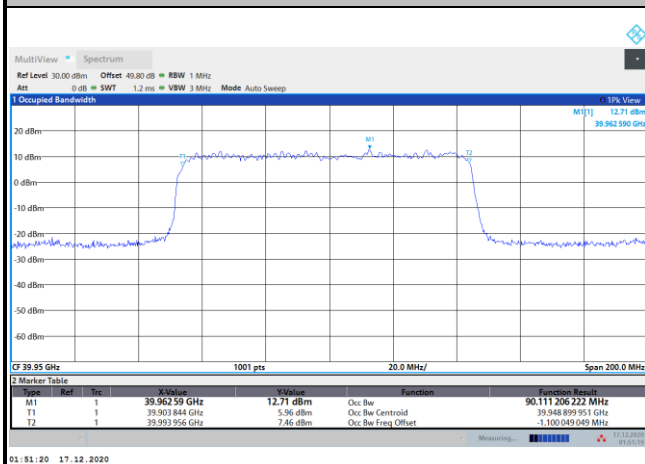
## Middle Channel / 100MHz / BPSK



## Middle Channel / 100MHz / QPSK



## Highest Channel / 100MHz / BPSK



## Highest Channel / 100MHz / QPSK

