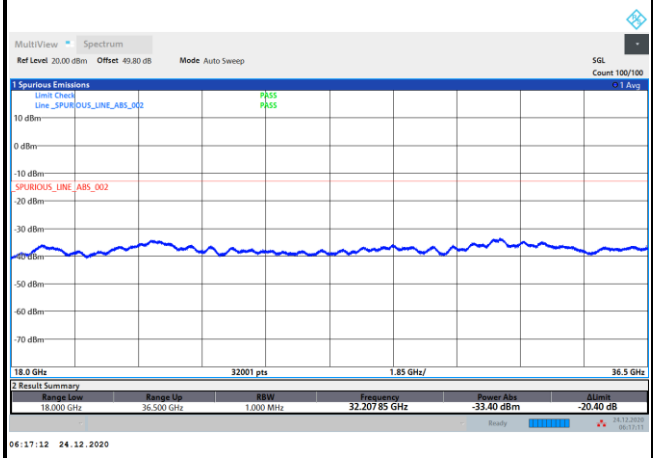
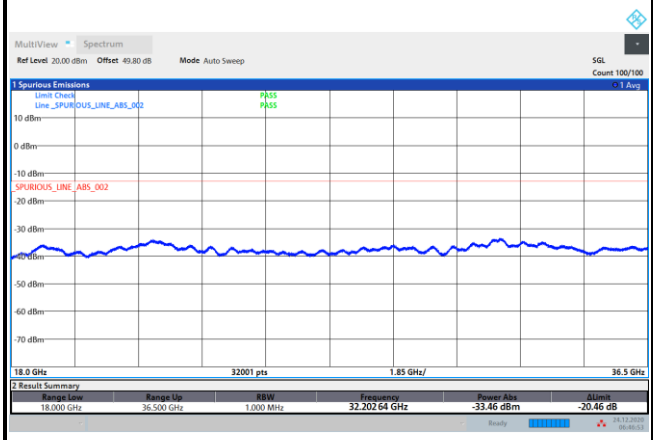
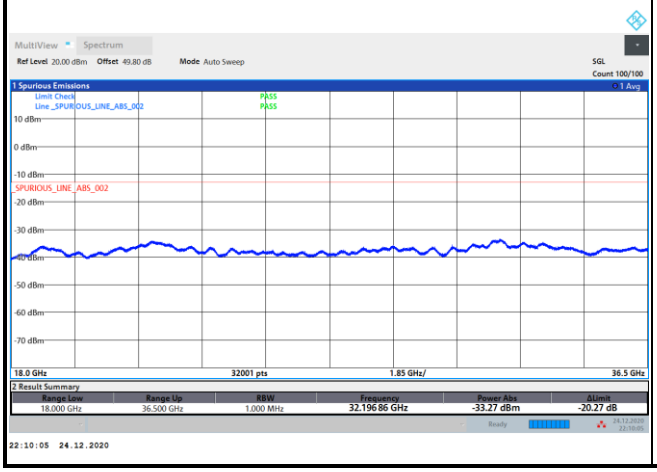
**AG0+1 DFT-s-OFDM Module 1**

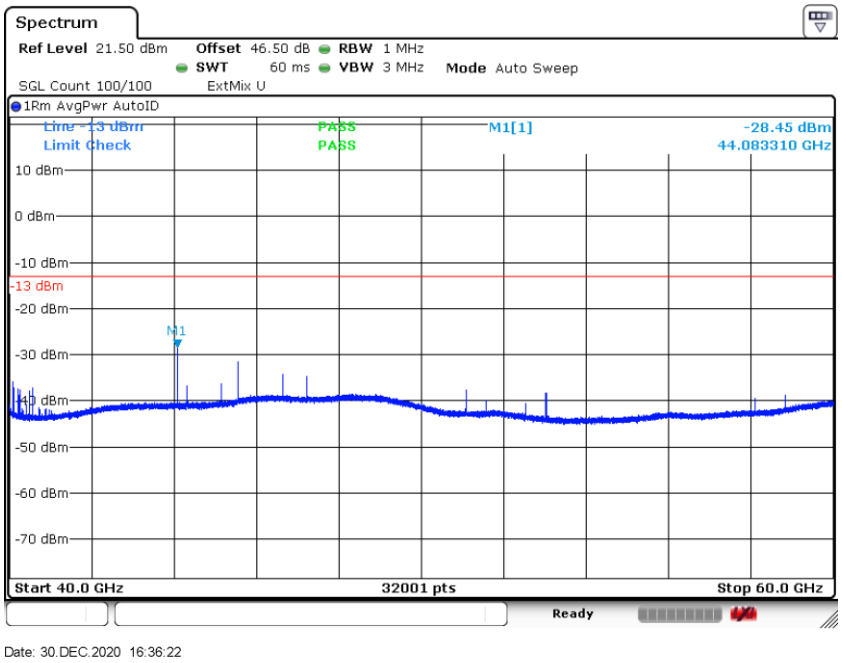
| NR Band n260 QPSK (18-40GHz) | |
|---|---|
| **Lowest Channel / 200MHz** | |
|  | **intentionally blank** |
| **Middle Channel / 200MHz** | |
|  | **intentionally blank** |
| **Highest Channel / 200MHz** | |
|  | **intentionally blank** |

**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 200GHz.

Only the noise floor is reported.

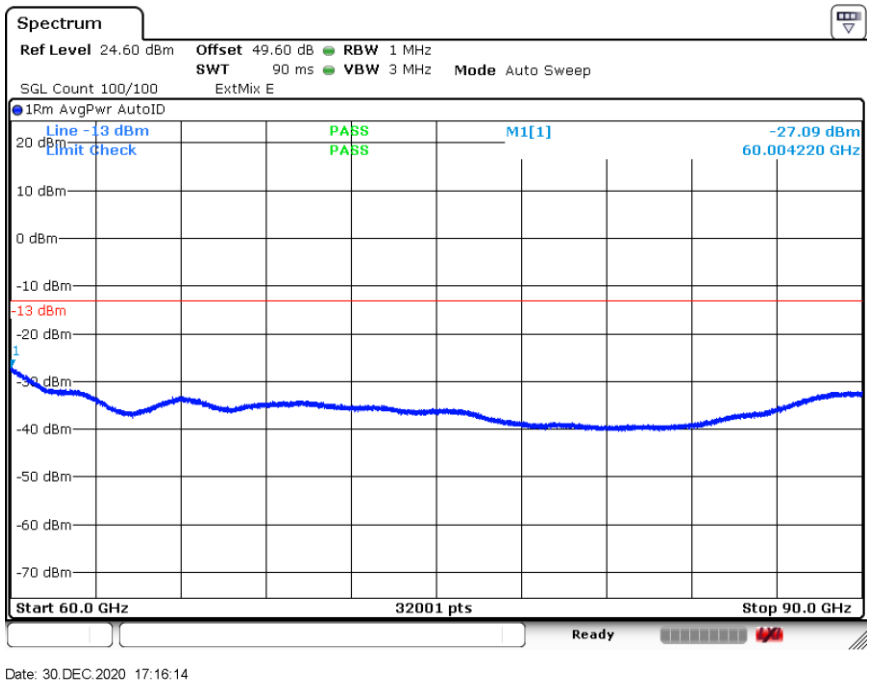
| NR Band n260 |
| --- |
| (40GHz-60GHz) |




**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)

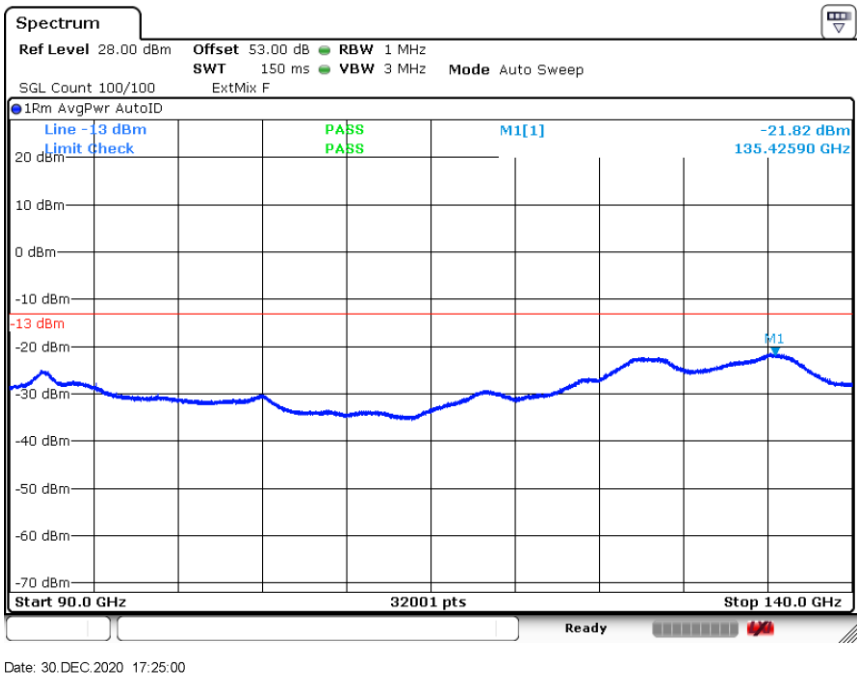
| NR Band n260 |
| --- |
| (60GHz-90GHz) |




**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)

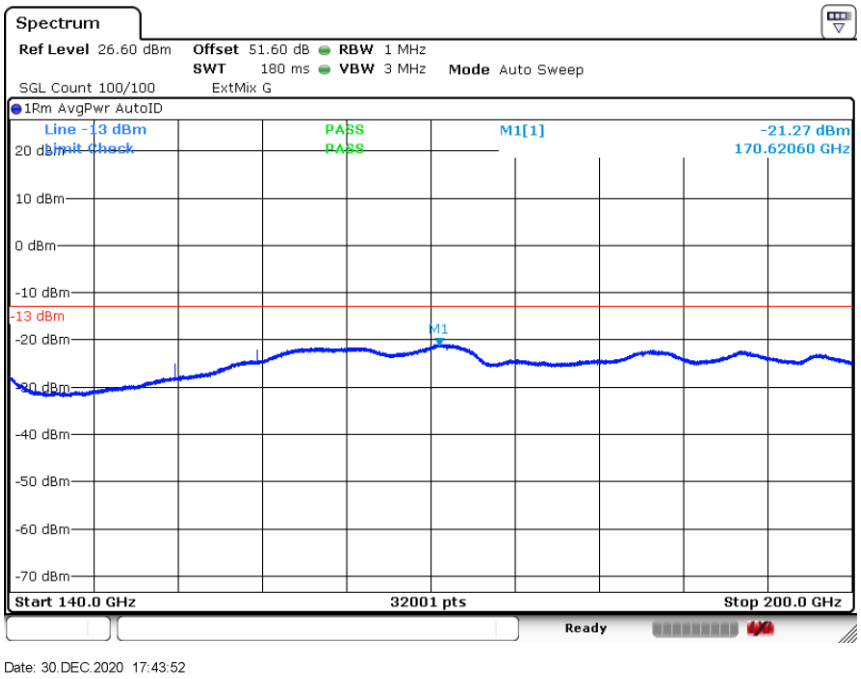
| NR Band n260 |
| --- |
| (90GHz-140GHz) |




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

= 48.8 + 2 + 107 + 20log(1) – 104.8 = 53 (dB)

| NR Band n260 |
| --- |
| (140GHz-200GHz) |




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

= 53.4 + 2 + 107 + 20log(0.5) – 104.8 = 51.6 (dB)

# Frequency Stability

| Test Conditions | | NR Band n260 / Middle Channel | | | Limit |
|---|---|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | CW tone | | | Note 2. |
| | | Frequency (GHz) | Deviation (kHz) | Deviation (ppm) | Result |
| 50 | Normal Voltage | 38.50020579 | -207.290 | 5.384 | Pass |
| 40 | Normal Voltage | 38.50014436 | -145.860 | 3.789 | |
| 30 | Normal Voltage | 38.50009241 | -93.910 | 2.439 | |
| 20(Ref.) | Normal Voltage | 38.4999985 | 0.000 | 0.000 | |
| 10 | Normal Voltage | 38.49996204 | 36.460 | 0.947 | |
| 0 | Normal Voltage | 38.49991459 | 83.910 | 2.179 | |
| -10 | Normal Voltage | 38.49986513 | 133.370 | 3.464 | |
| -20 | Normal Voltage | 38.49984815 | 150.350 | 3.905 | |
| -30 | Normal Voltage | 38.49982867 | 169.830 | 4.411 | |
| 20 | Maximum Voltage | 38.50000999 | -11.490 | 0.298 | |
| 20 | Normal Voltage | 38.500005 | -6.500 | 0.169 | |
| 20 | Battery End Point | 38.49999301 | 5.490 | 0.143 | |

**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.

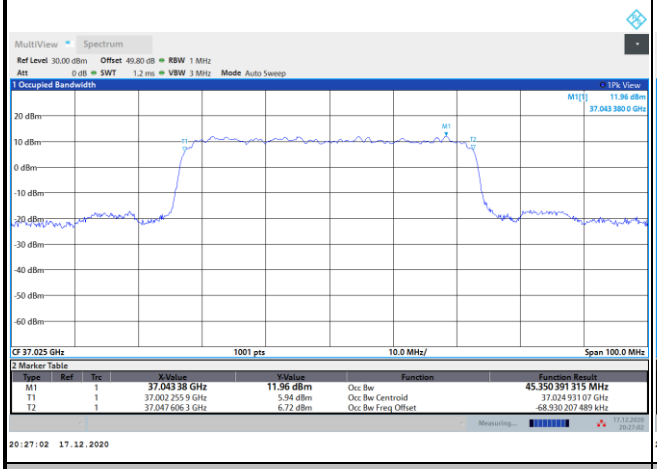
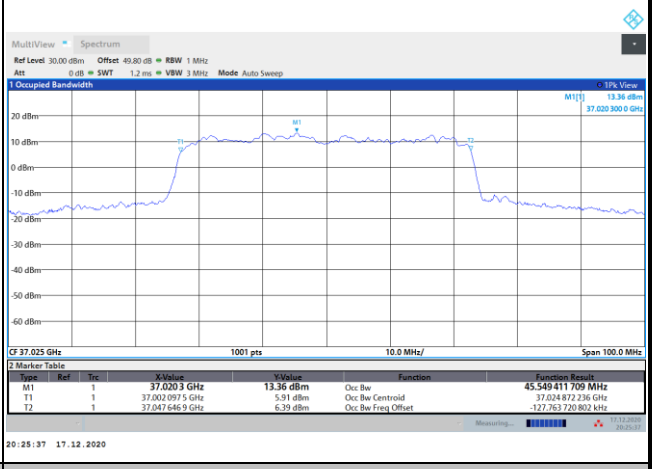
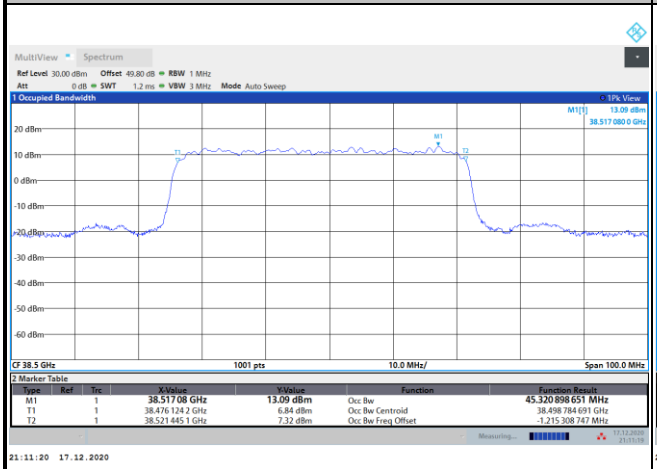
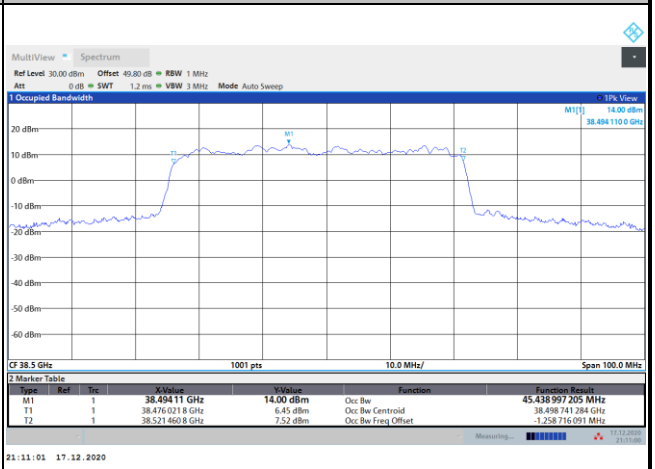
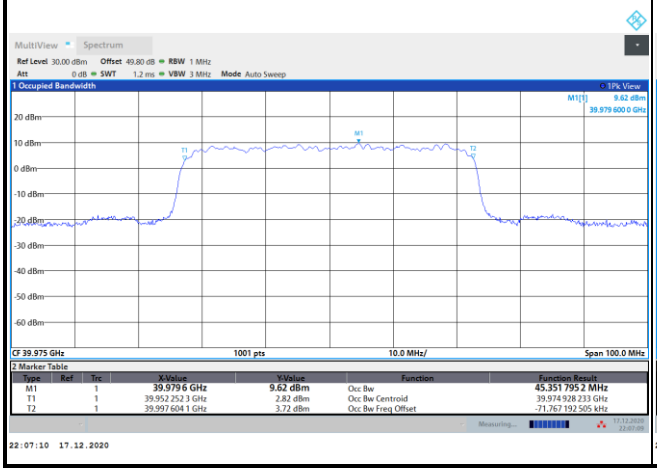
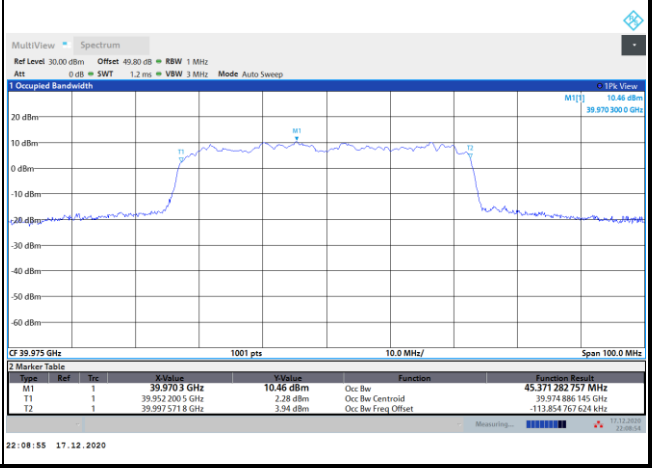
# NR Band n260 Module 2

## Occupied Bandwidth

### AG0

| Mode | DFT-s-OFDM Module 2 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 | 45.35 | 45.54 | 45.30 | 45.28 | 90.32 | 90.87 | 90.29 | 90.52 | 187.70 | 188.71 | 188.29 | 188.34 |
| Middle CH | 45.32 | 45.43 | 45.30 | 45.28 | 90.28 | 90.74 | 90.43 | 90.58 | 188.54 | 188.18 | 188.31 | 188.06 |
| Highest CH | 45.35 | 45.37 | 45.32 | 45.31 | 90.38 | 90.89 | 90.50 | 90.93 | 188.11 | 188.84 | 188.83 | 189.21 |

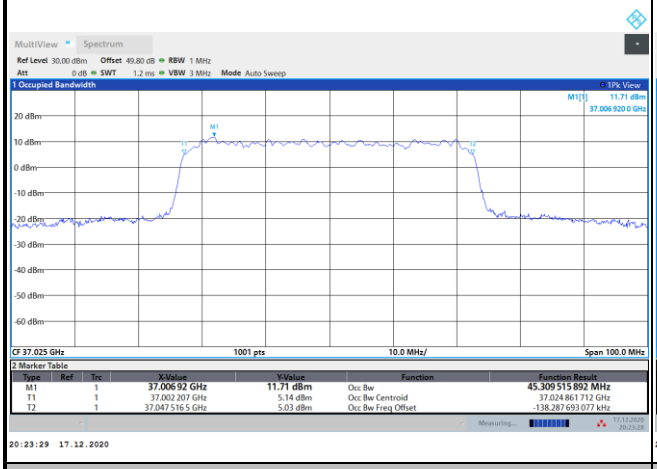
**DFT-s-OFDM Module 2**

| 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 |
|  |  |

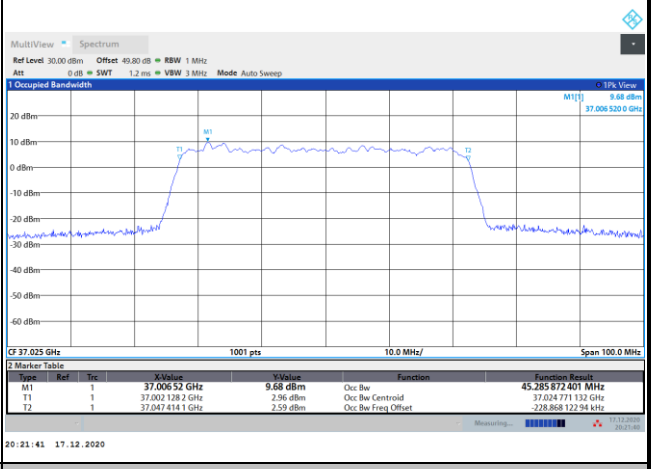
## DFT-s-OFDM Module 2

### NR Band n260

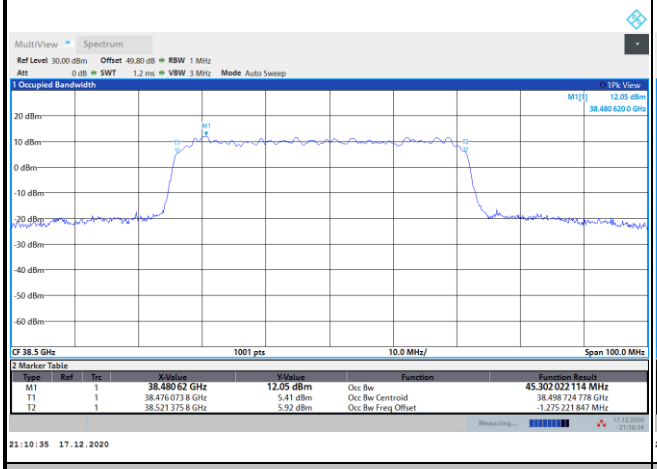
#### Lowest Channel / 50MHz / 16QAM



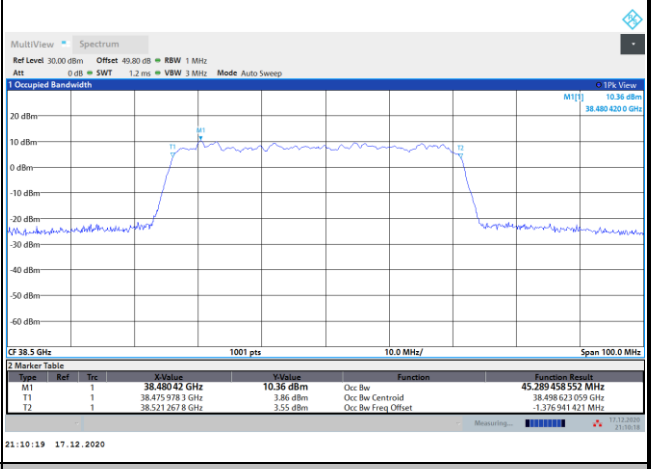

#### Lowest Channel / 50MHz / 64QAM



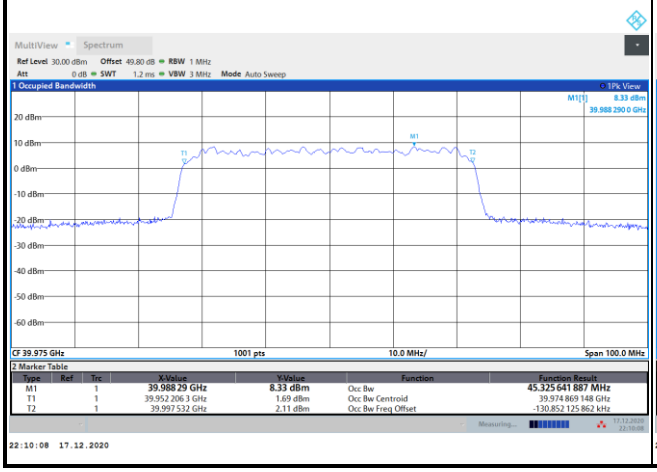

#### Middle Channel / 50MHz / 16QAM



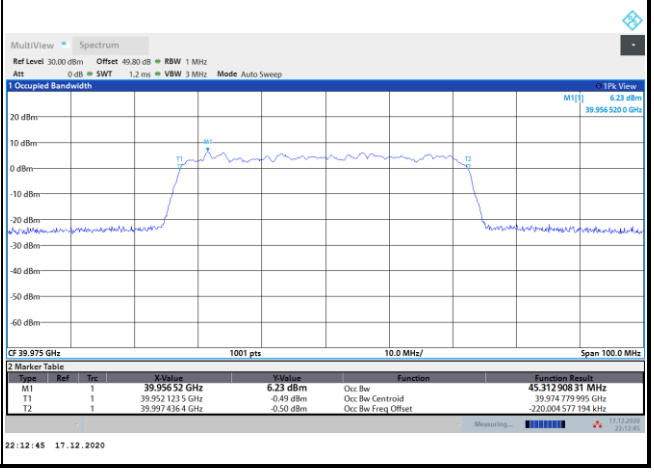

#### Middle Channel / 50MHz / 64QAM



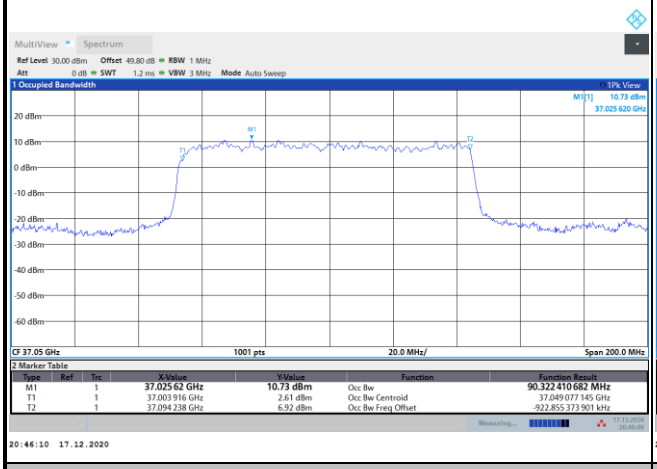
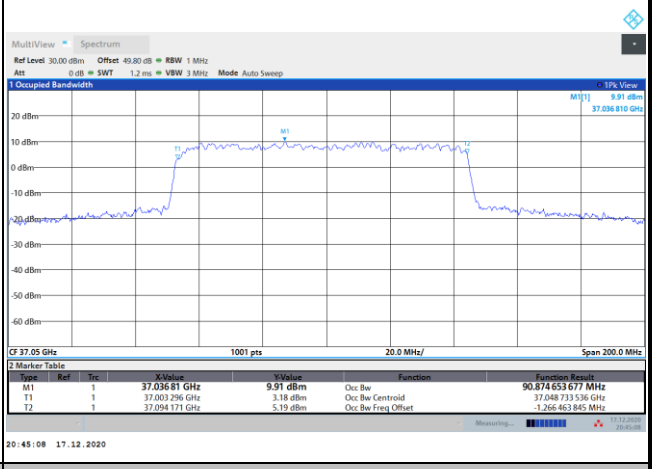
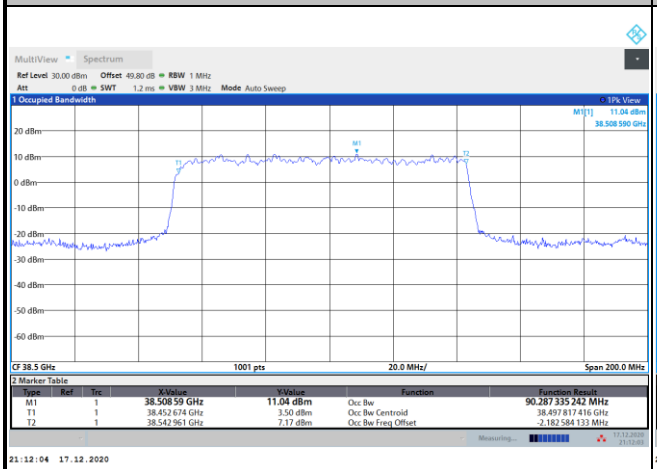
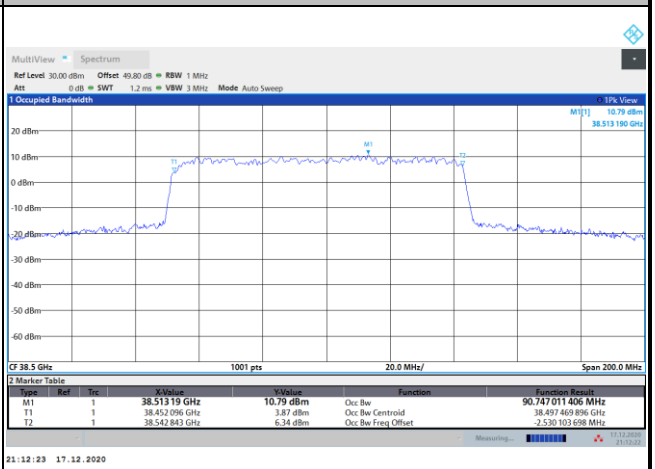
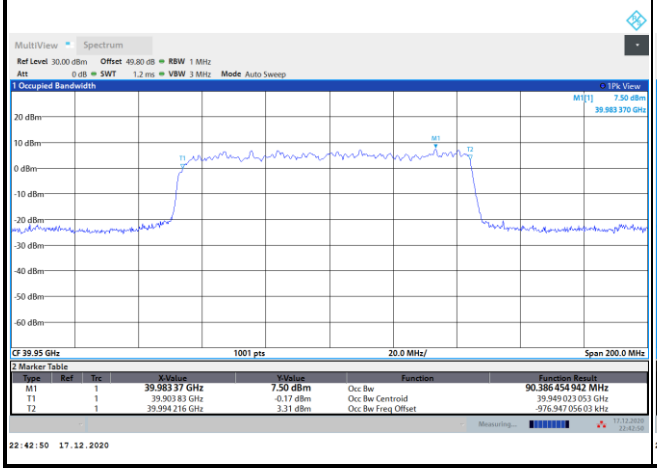
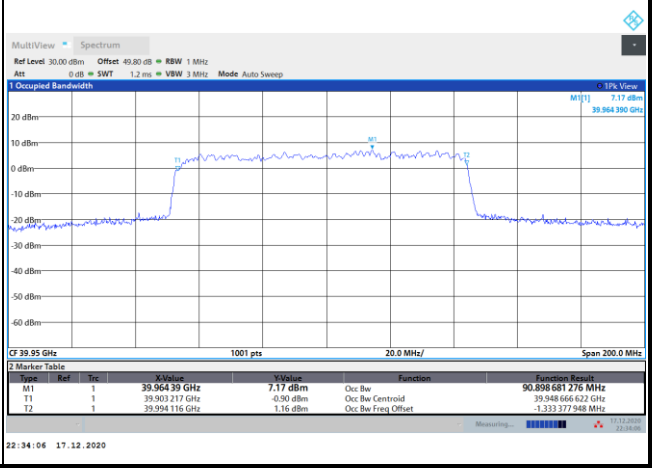

#### Highest Channel / 50MHz / 16QAM



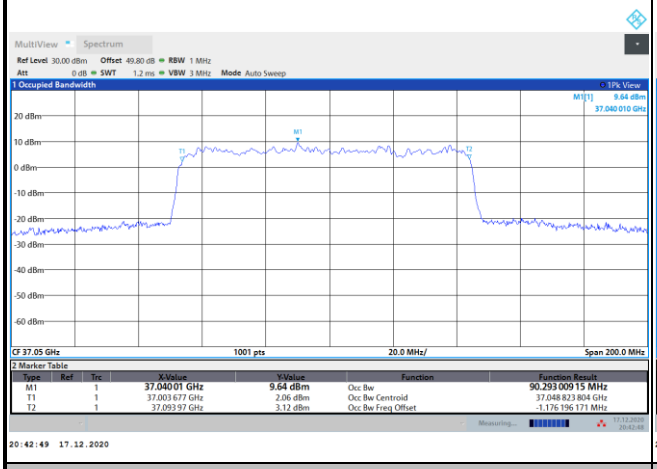
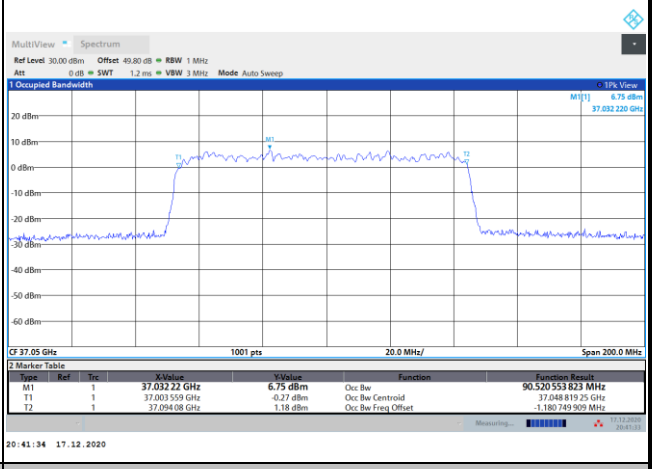
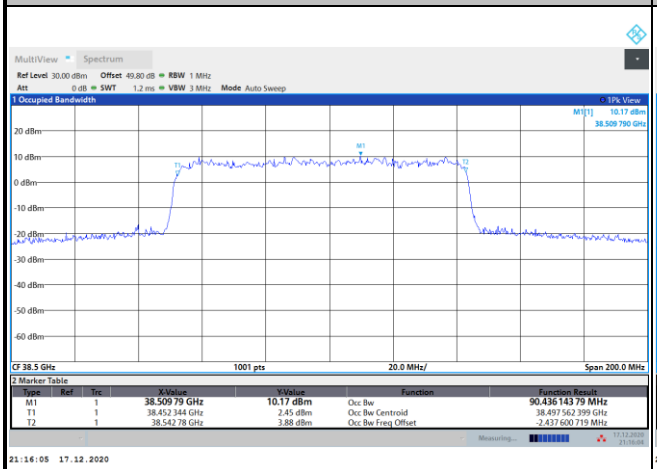
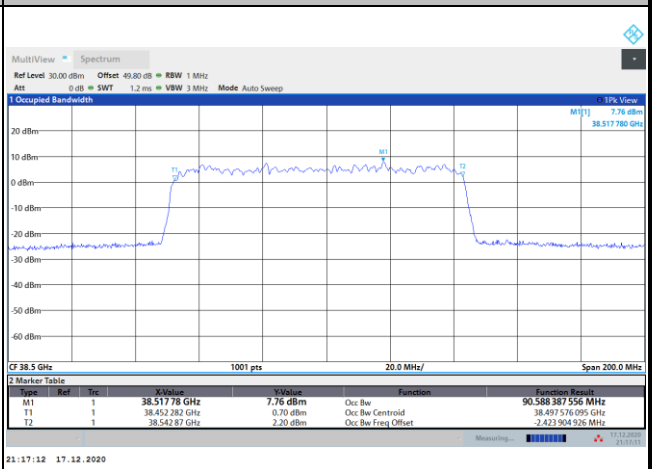
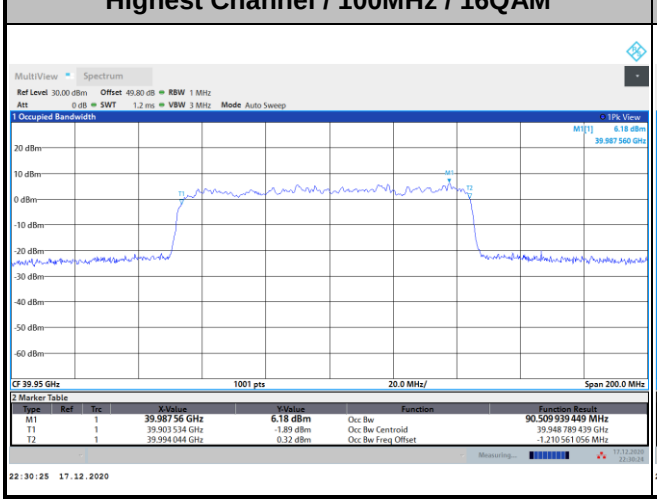
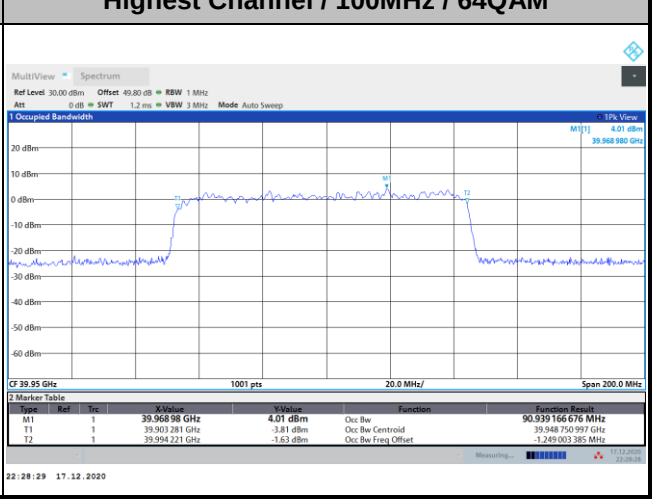

#### Highest Channel / 50MHz / 64QAM



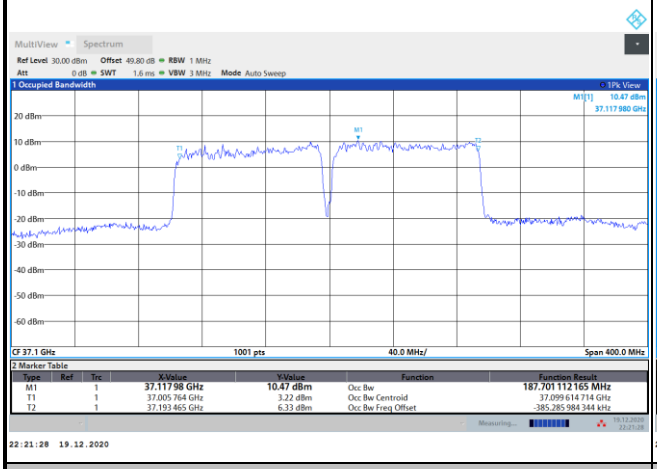
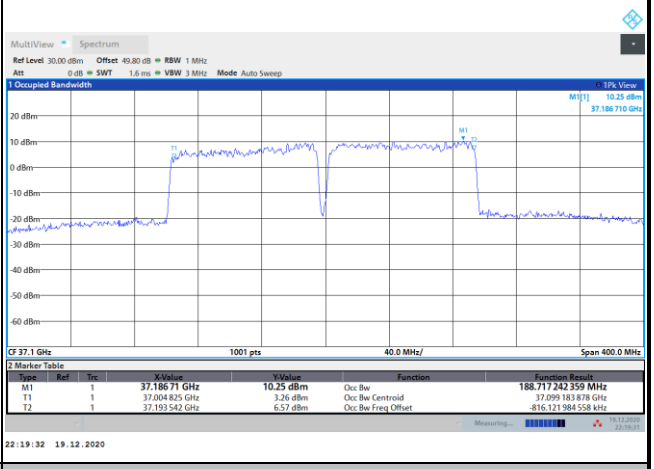
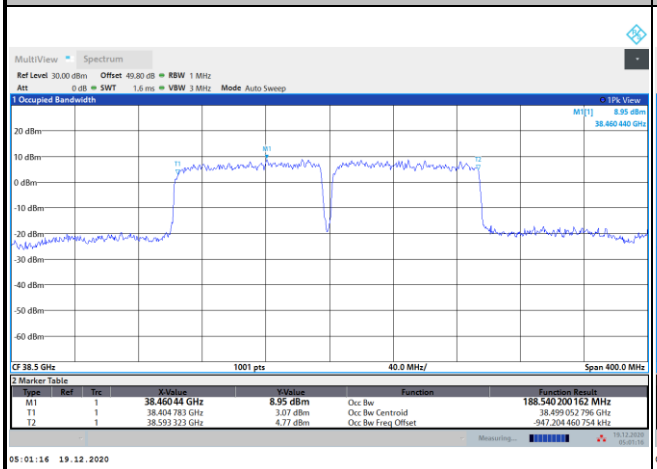
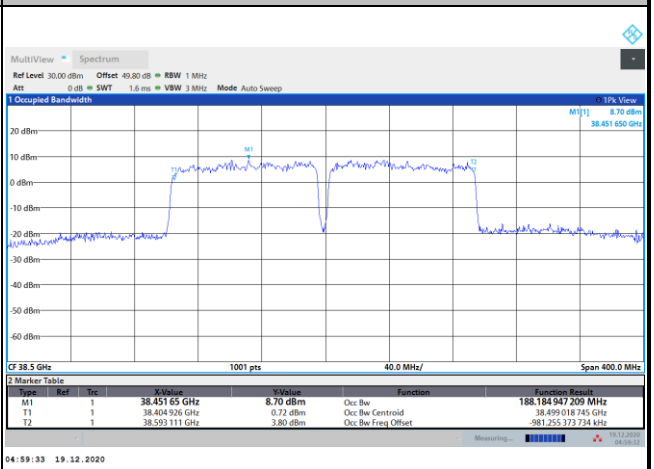
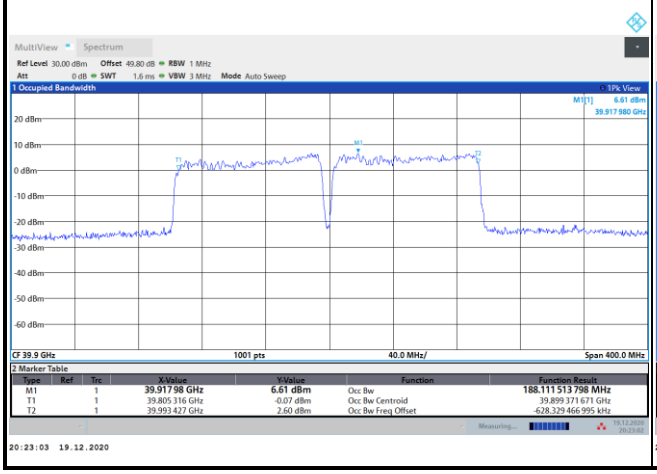
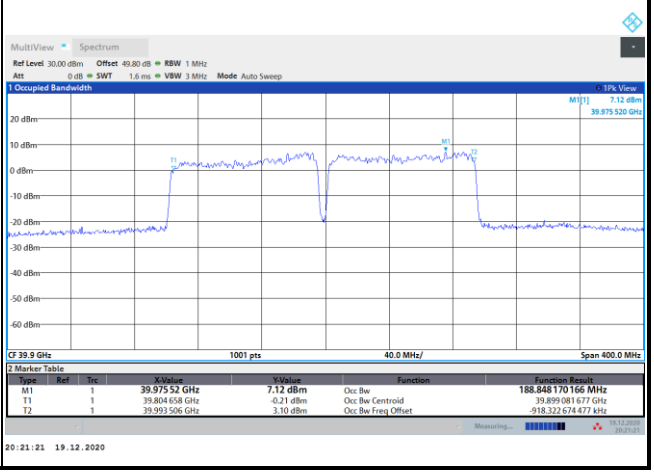
**DFT-s-OFDM Module 2**

| 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 2**

| 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** |
|  |  |

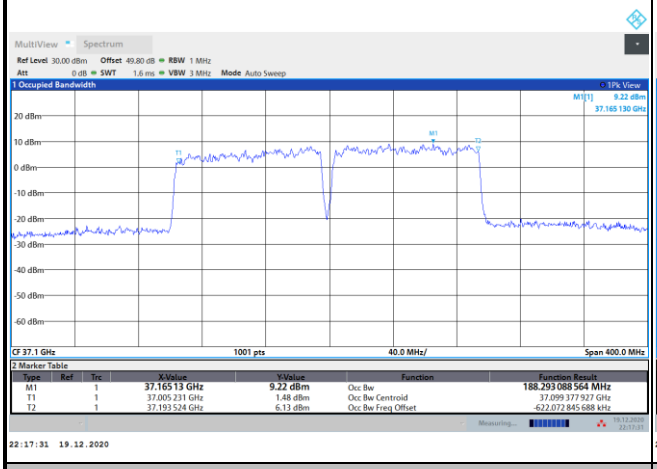
**DFT-s-OFDM Module 2**

| 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 2

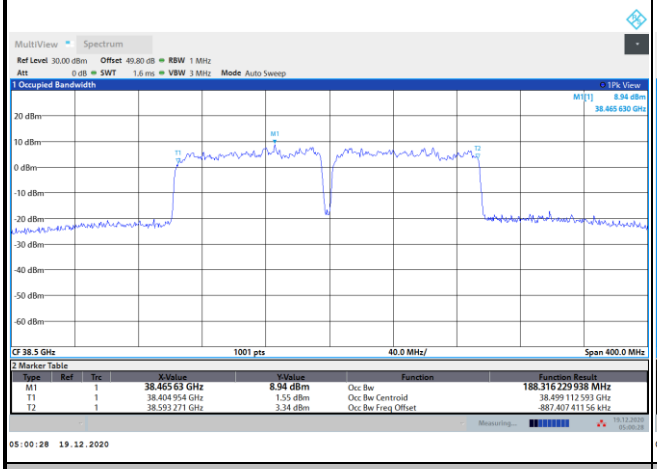
### NR Band n260

#### Lowest Channel / 200MHz / 16QAM

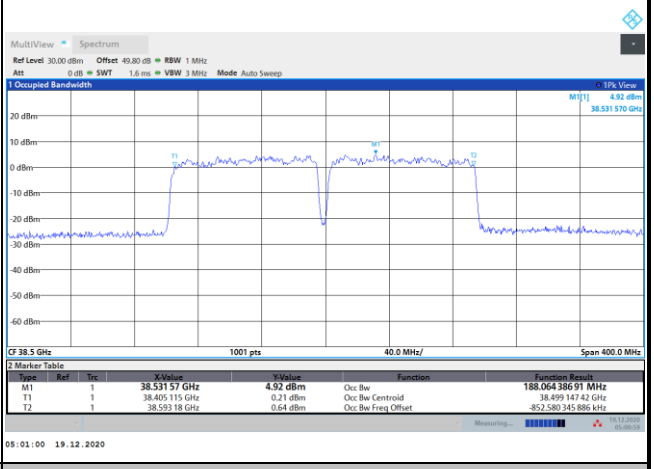



#### Lowest Channel / 200MHz / 64QAM

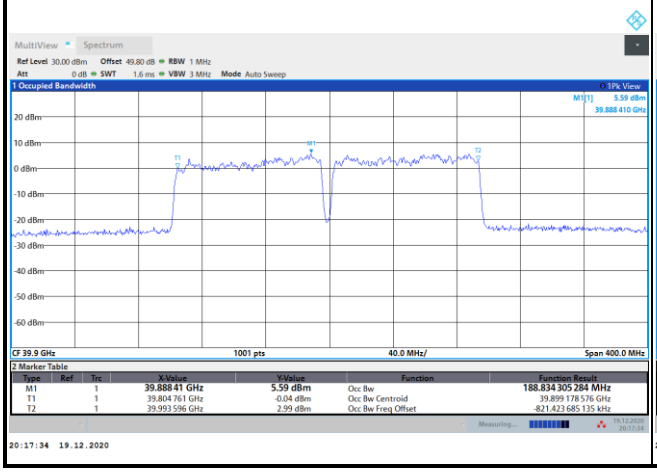
#### Middle Channel / 200MHz / 16QAM



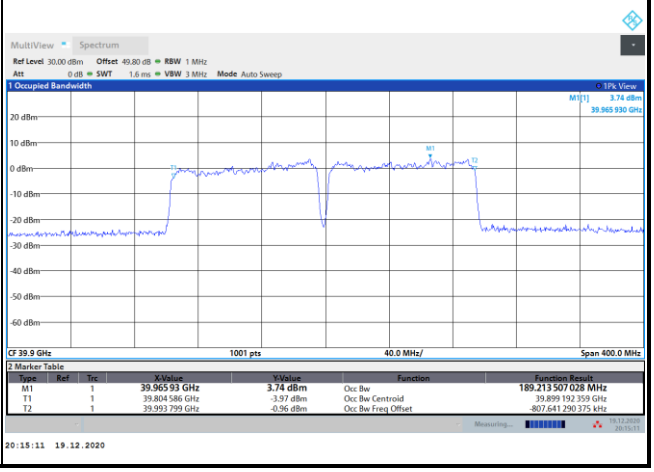

#### Middle Channel / 200MHz / 64QAM




#### Highest Channel / 200MHz / 16QAM



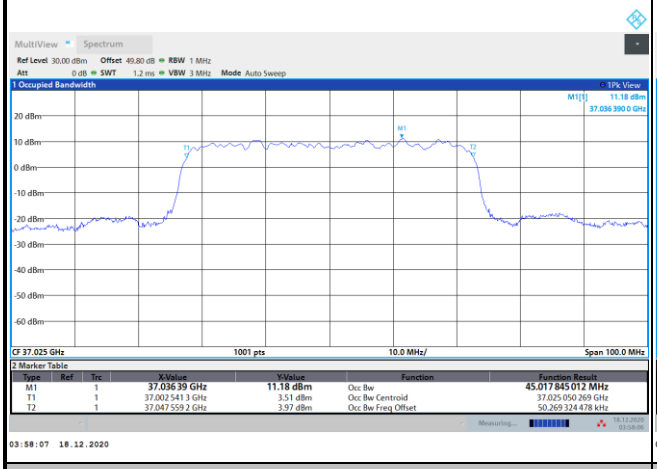
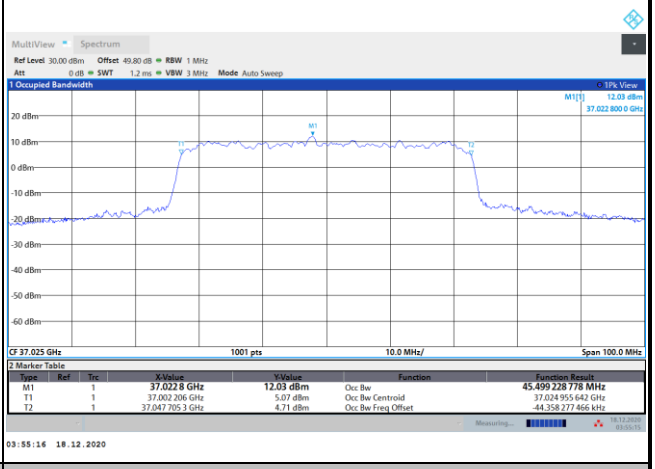
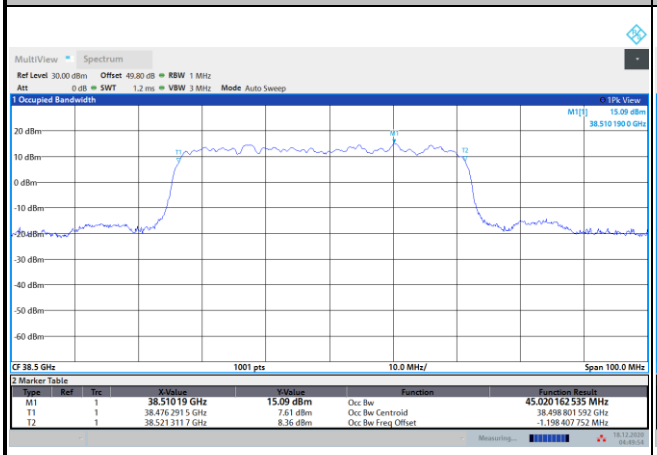
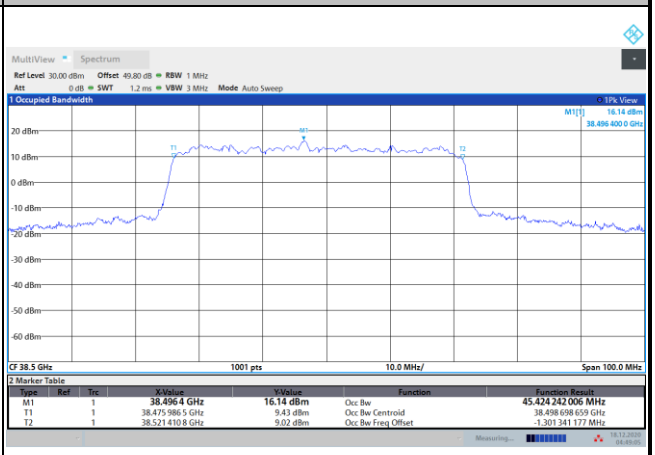
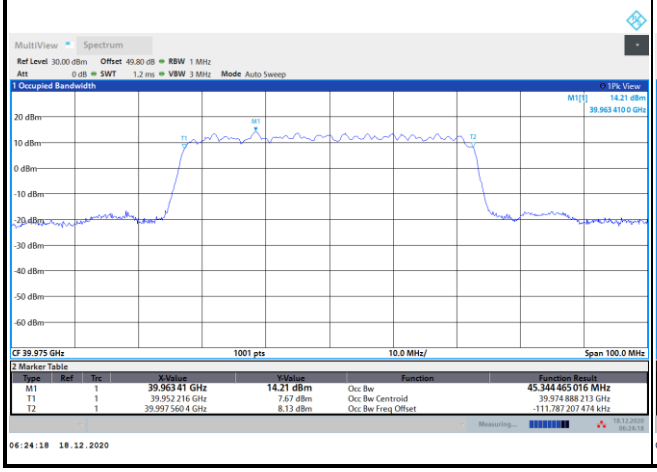
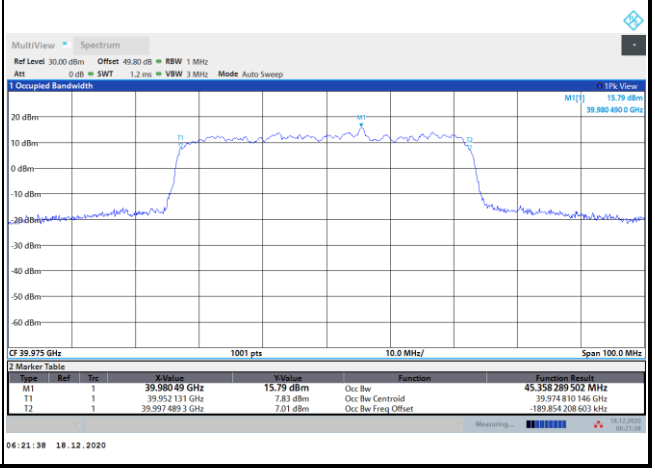

#### Highest Channel / 200MHz / 64QAM



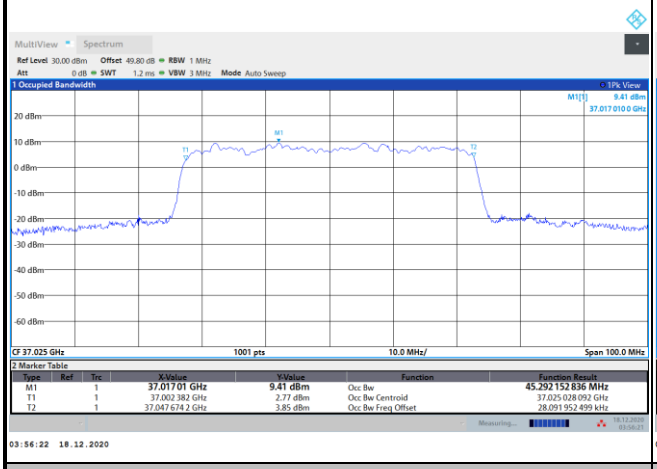
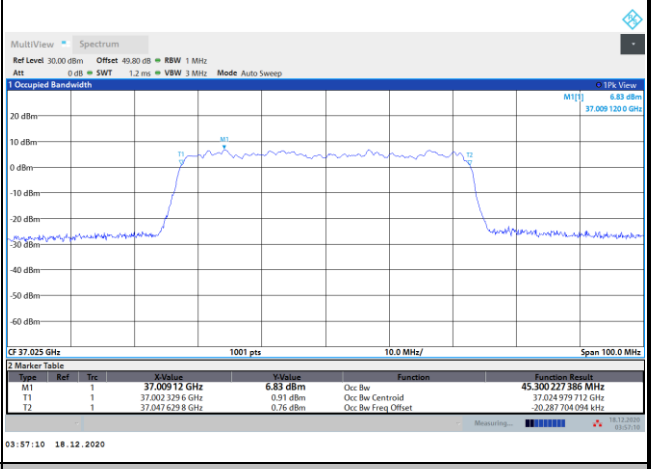
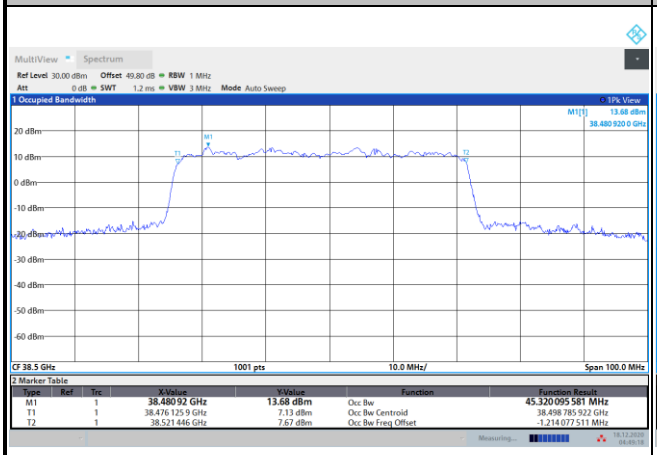
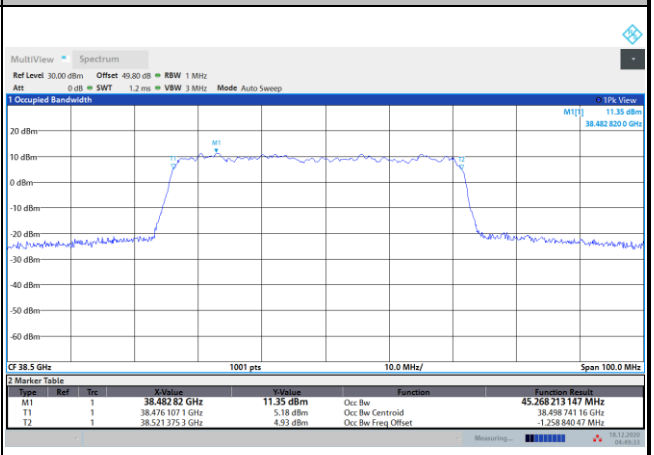
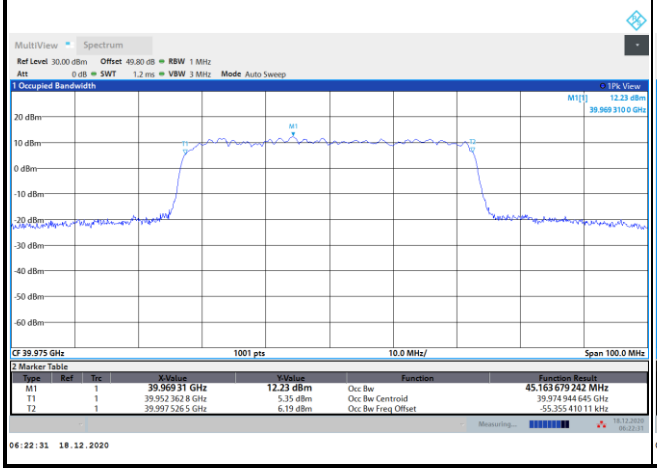
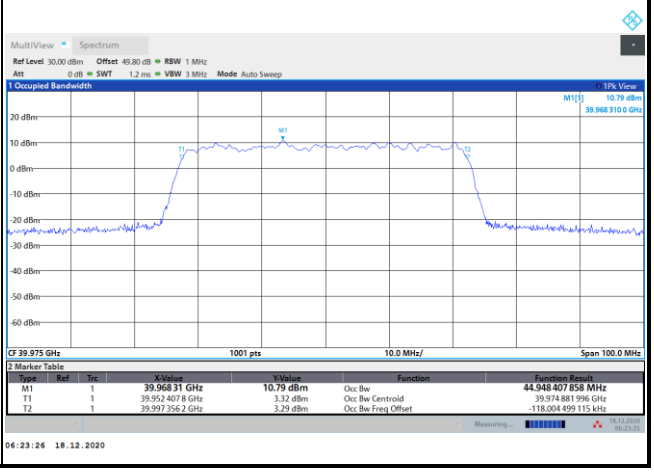
**AG1**

| Mode | DFT-s-OFDM Module 2 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 | 45.01 | 45.49 | 45.29 | 45.30 | 90.22 | 90.68 | 90.35 | 90.30 | 187.70 | 188.71 | 188.29 | 188.34 |
| Middle CH | 45.02 | 45.42 | 45.32 | 45.26 | 90.41 | 90.74 | 90.64 | 90.47 | 187.75 | 188.21 | 188.24 | 187.96 |
| Highest CH | 45.34 | 45.35 | 45.16 | 44.94 | 90.55 | 90.55 | 90.45 | 90.57 | 188.37 | 188.71 | 188.53 | 188.72 |

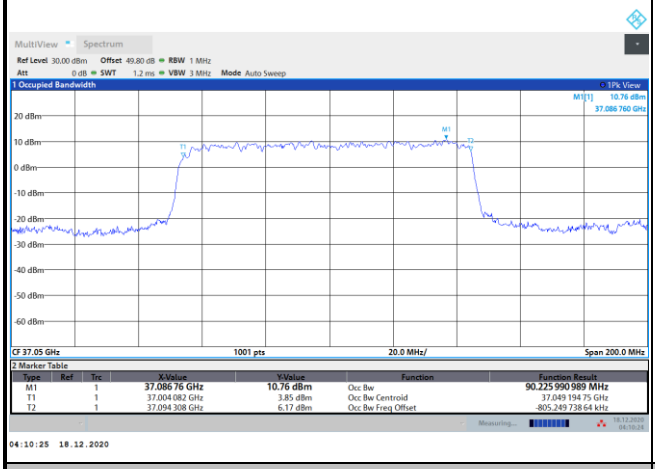
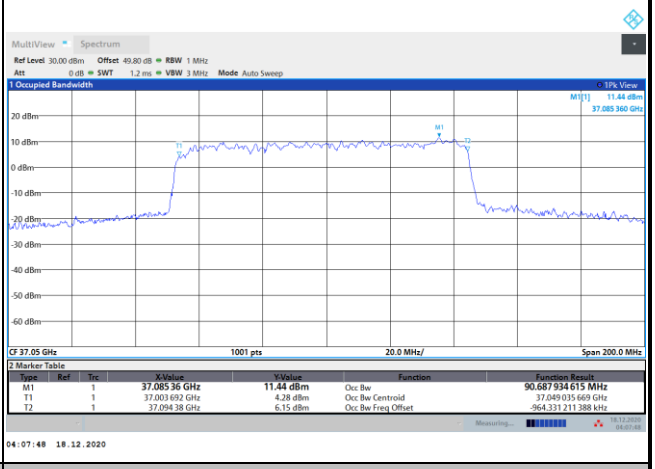
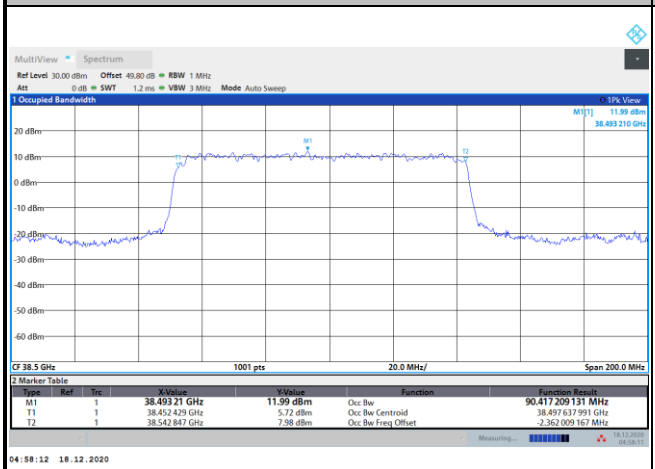
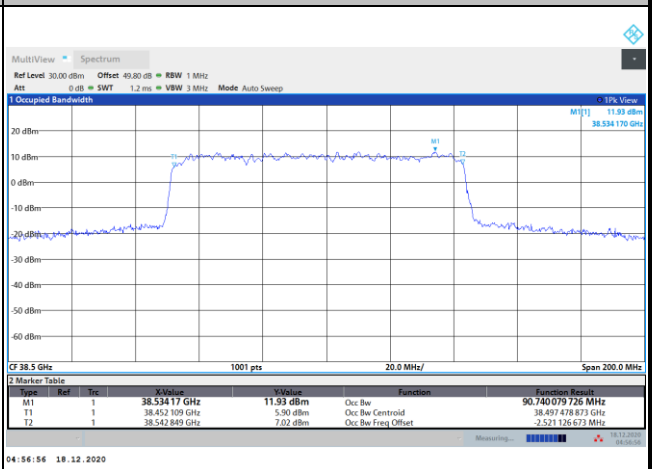
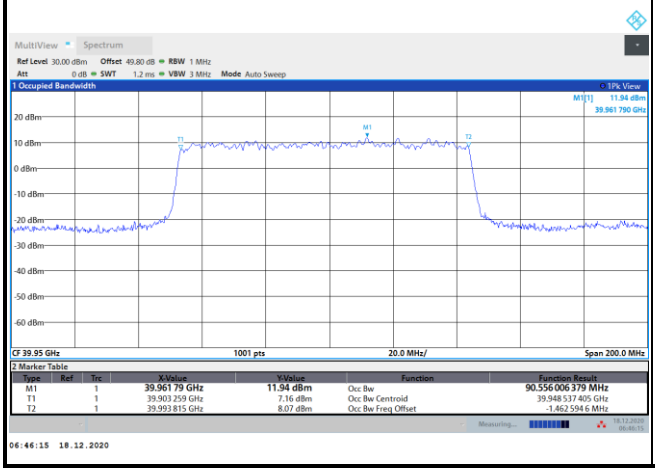
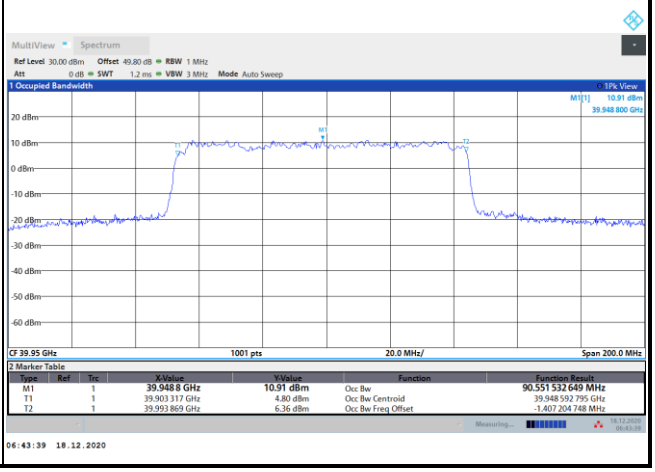
**DFT-s-OFDM Module 2**

| 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 |
|  |  |

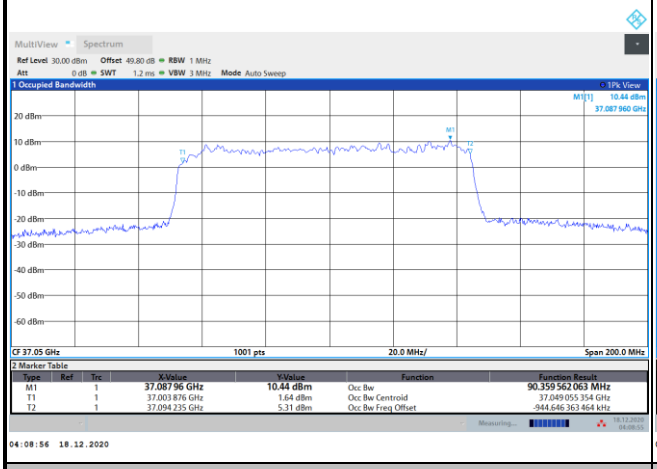
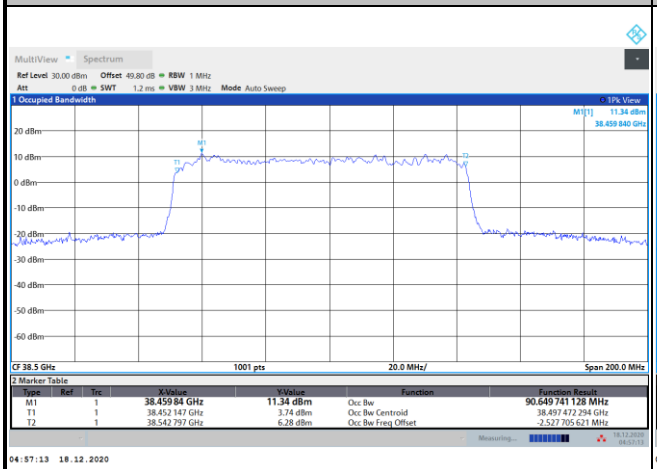
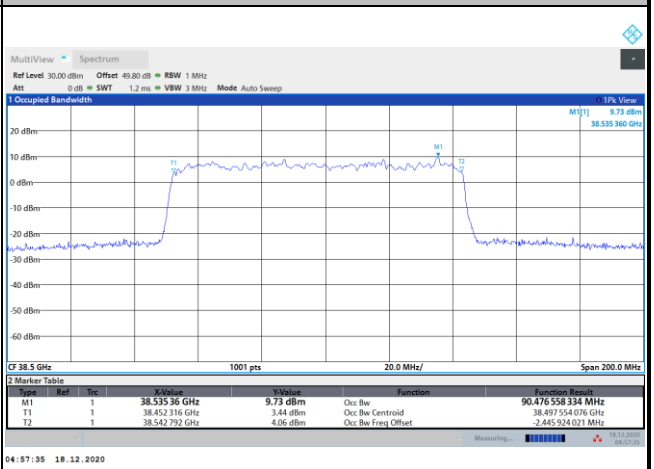
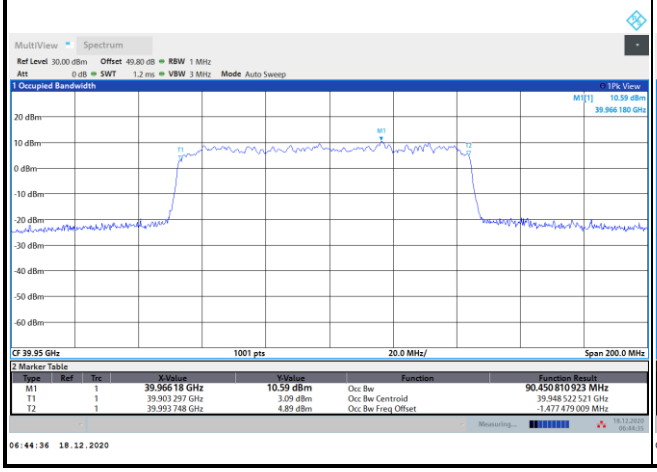
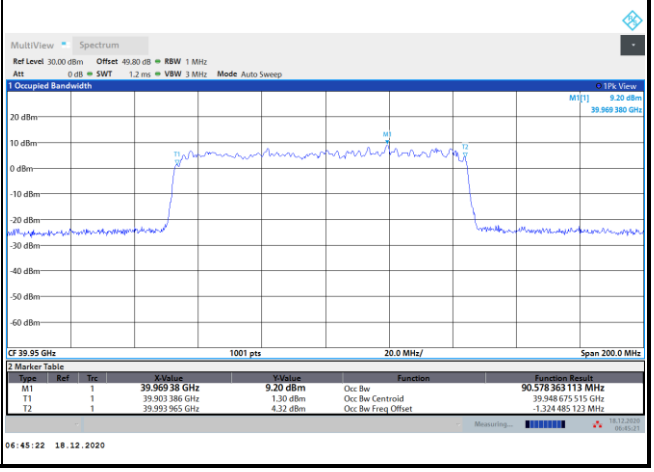
**DFT-s-OFDM Module 2**

| 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 |
|  |  |

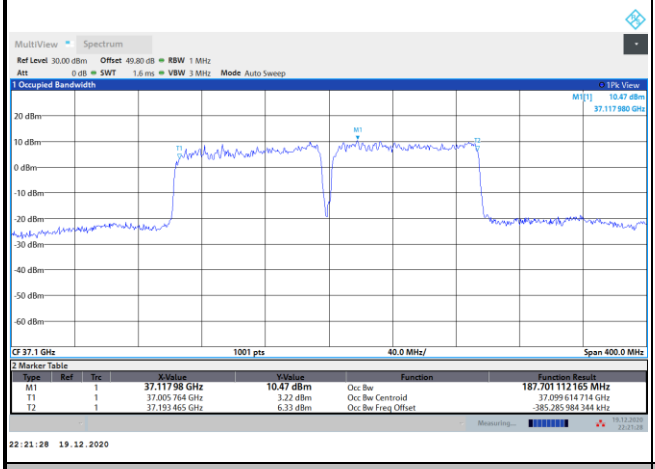
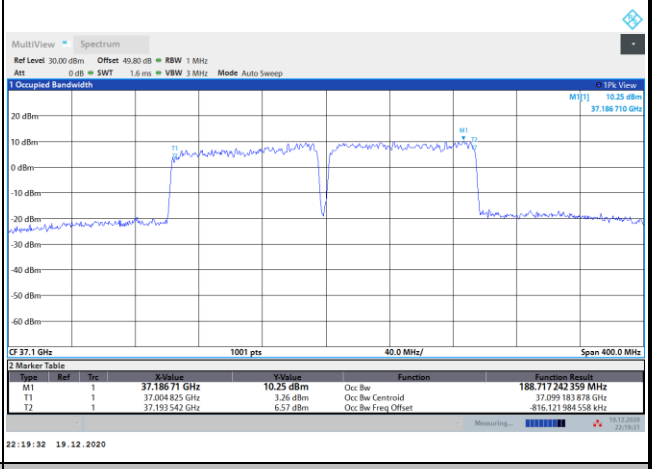
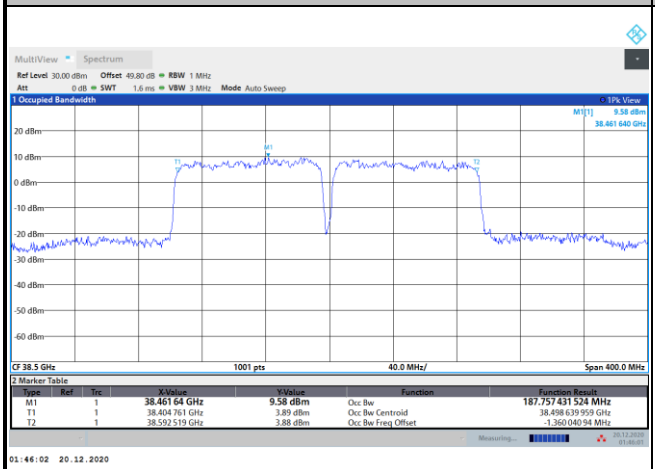
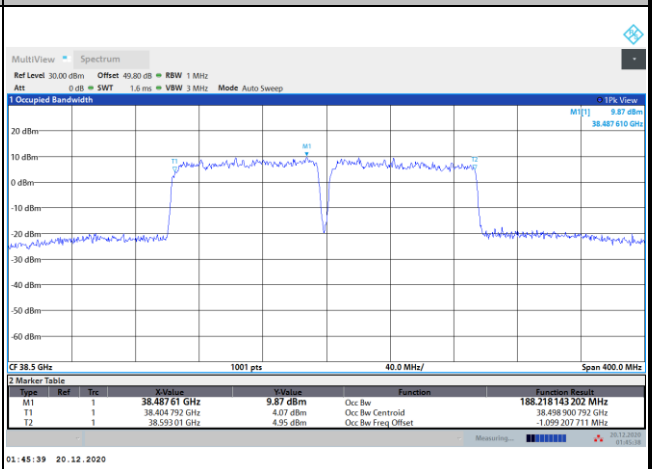
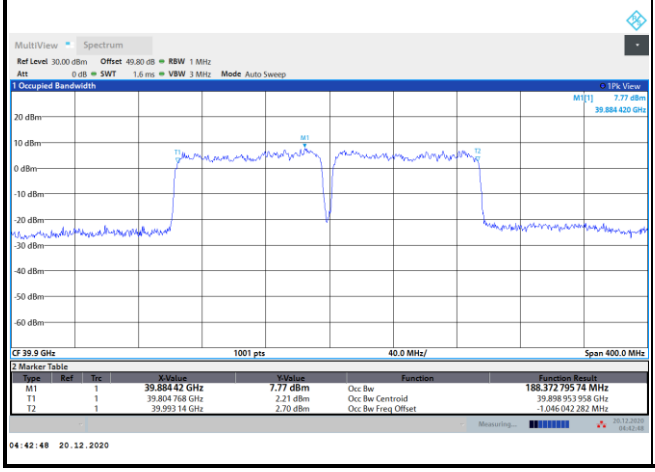
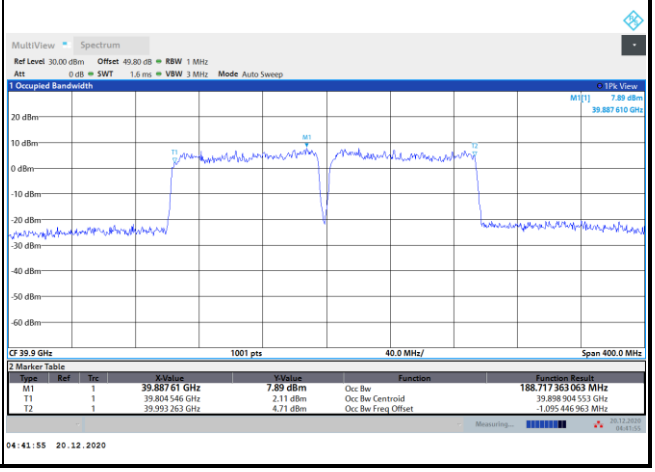
**DFT-s-OFDM Module 2**

| 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** |
|  |  |

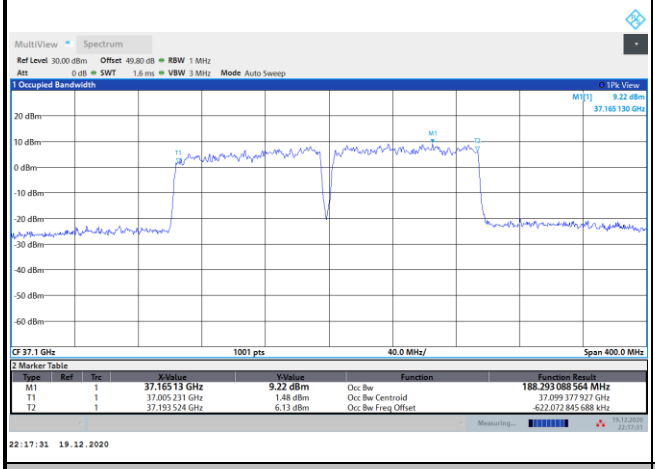
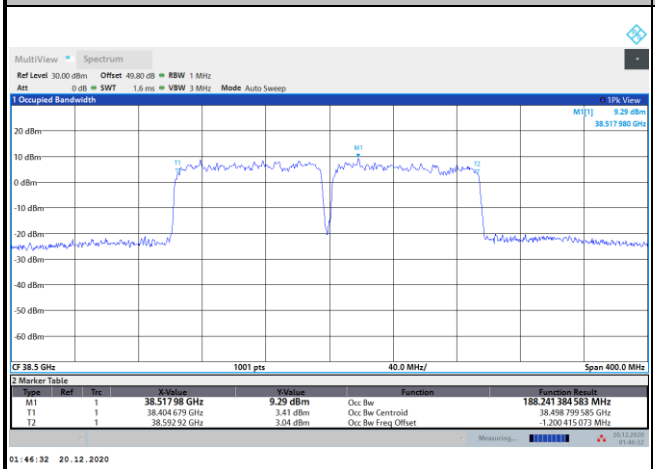
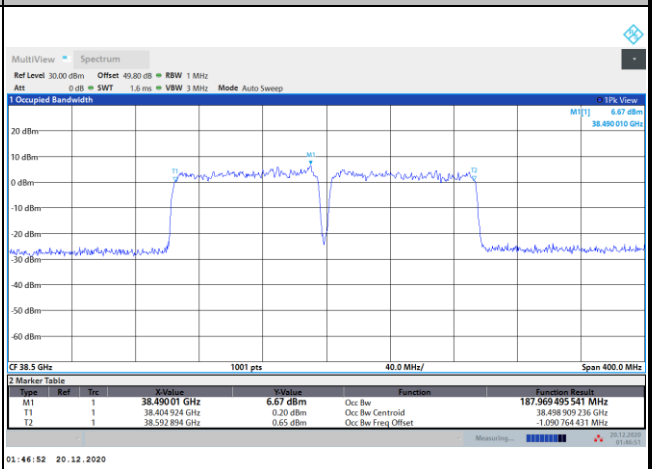
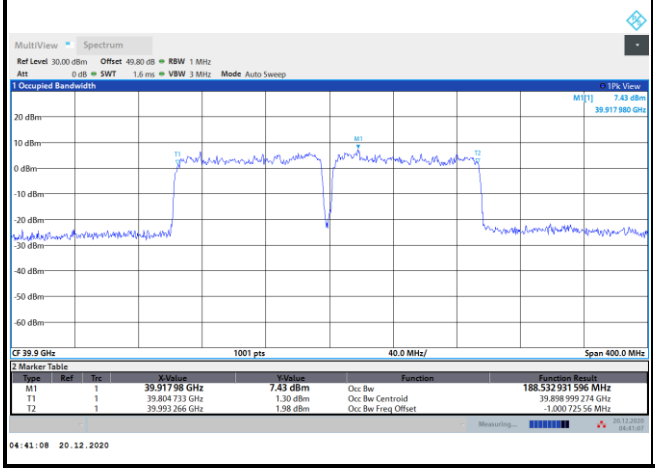
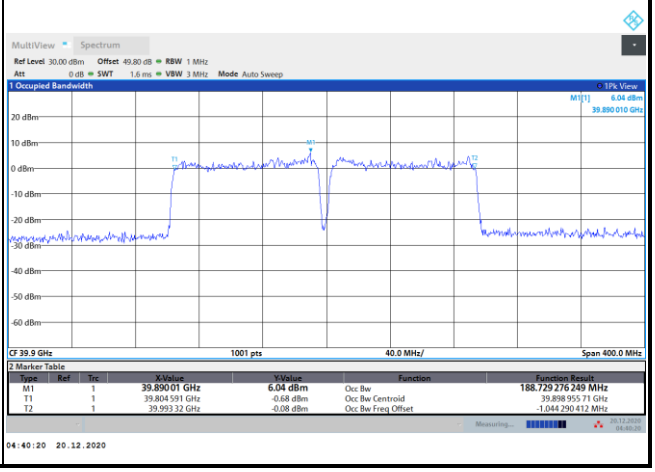
**DFT-s-OFDM Module 2**

| 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 2**

| 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** |
|  |  |

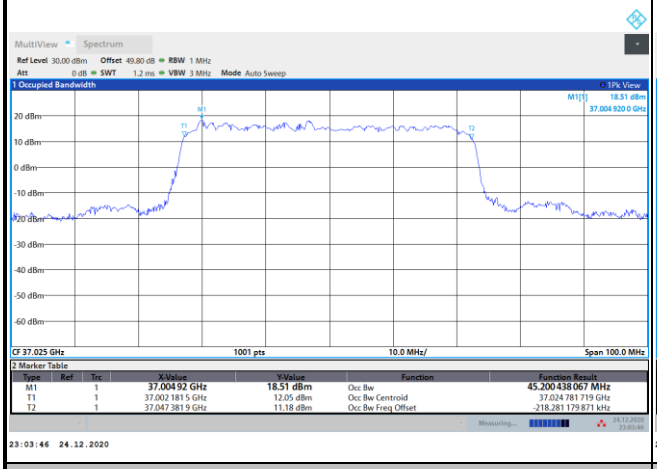
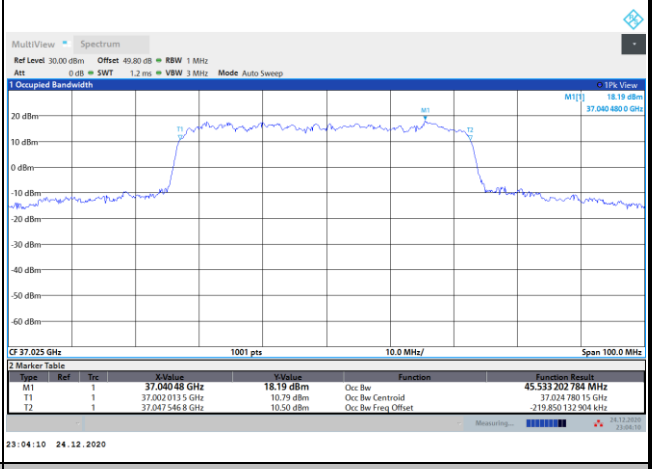
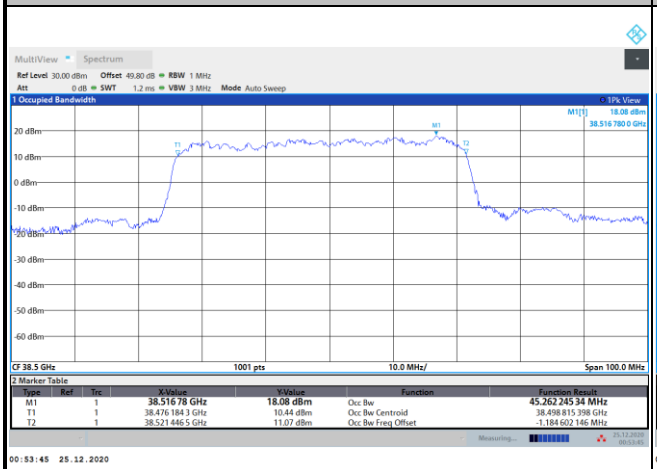
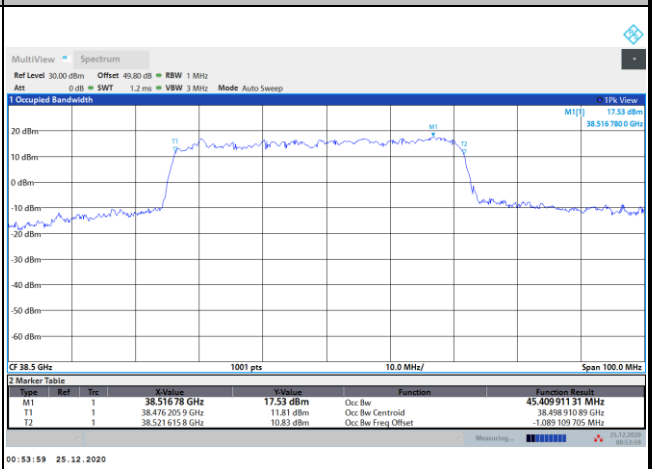
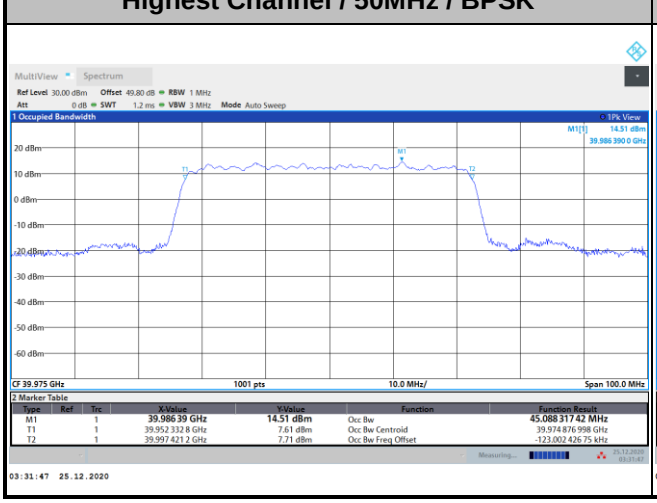
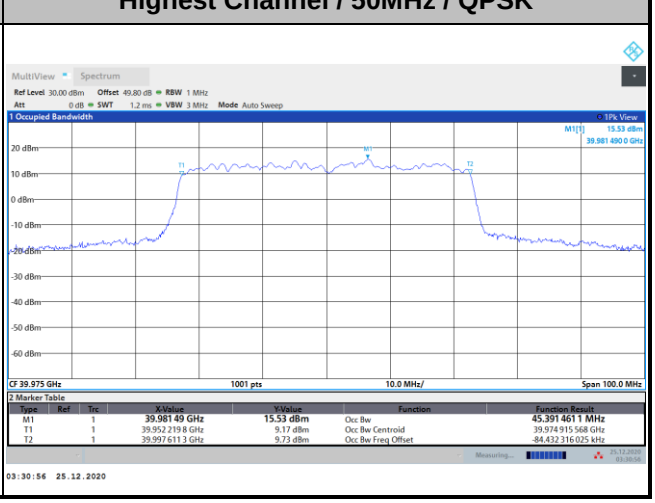
**DFT-s-OFDM Module 2**

| 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** |
|  |  |

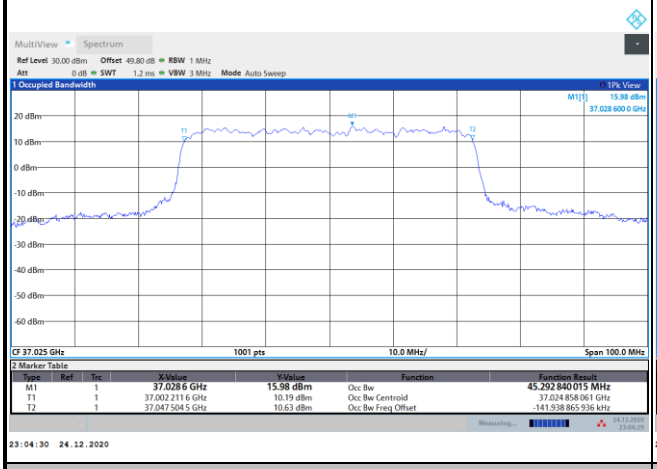
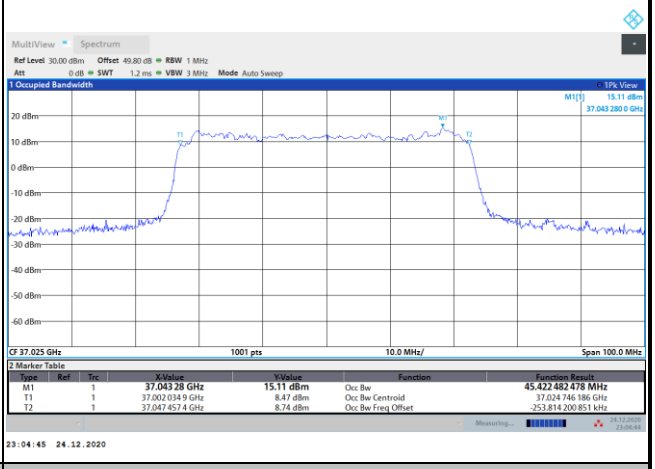
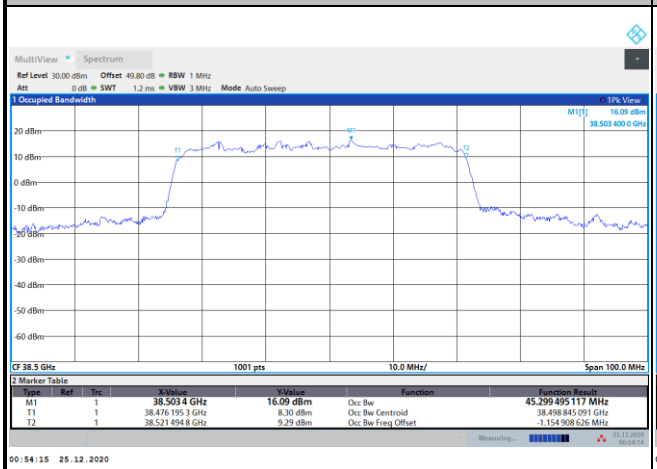
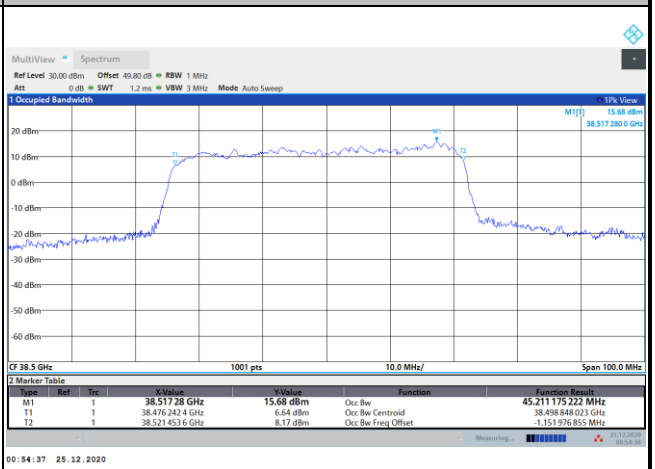
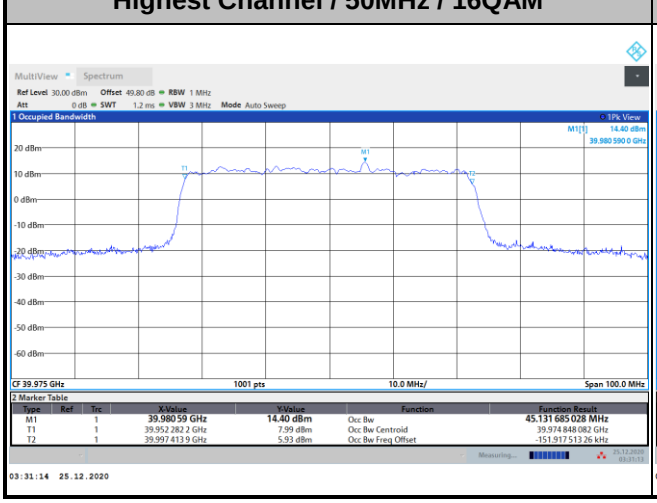
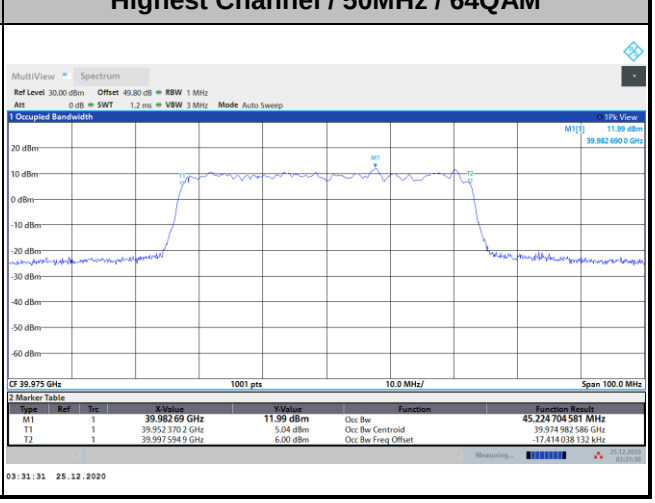
**AG0+1**

| Mode | DFT-s-OFDM Module 2 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 | 45.20 | 45.53 | 45.29 | 45.42 | 90.94 | 90.79 | 90.60 | 90.69 | 188.77 | 188.82 | 188.33 | 188.24 |
| Middle CH | 45.26 | 45.40 | 45.29 | 45.21 | 90.77 | 90.51 | 90.42 | 90.81 | 188.20 | 187.93 | 187.90 | 188.02 |
| Highest CH | 45.08 | 45.39 | 45.13 | 45.22 | 90.12 | 90.97 | 89.93 | 89.76 | 188.08 | 188.92 | 187.86 | 187.92 |

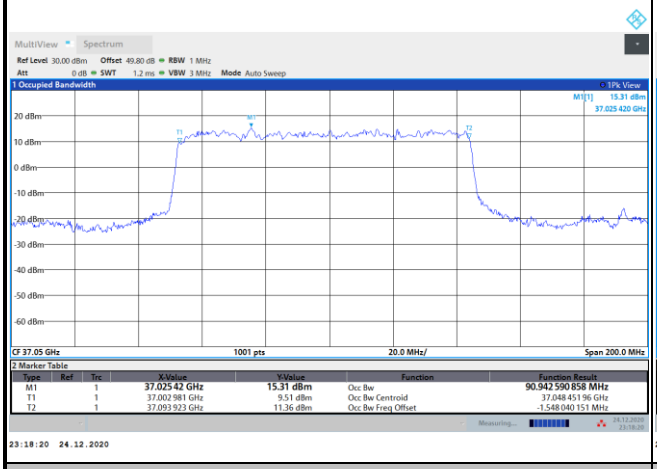
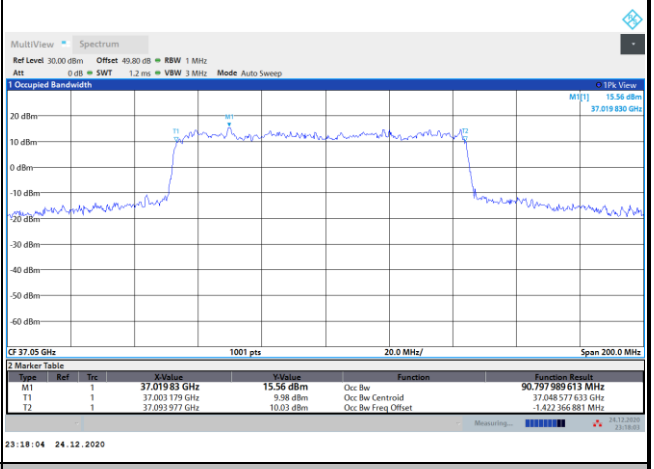
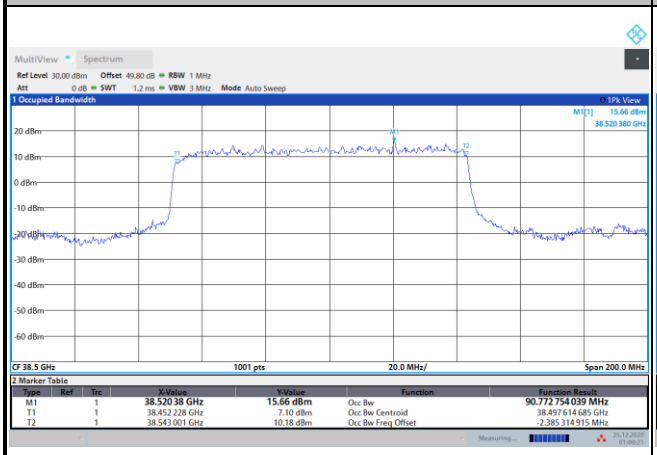
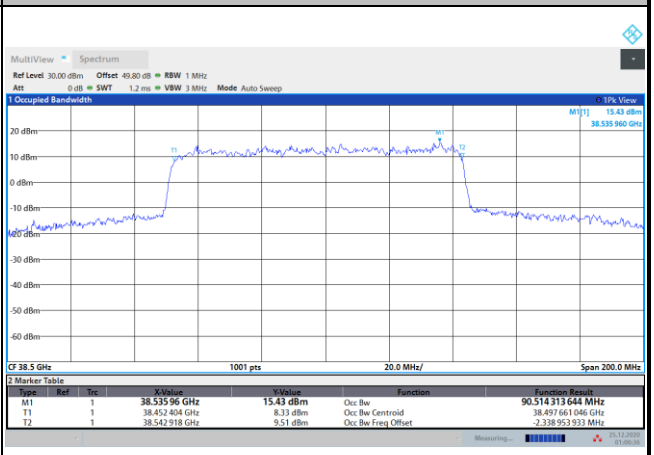
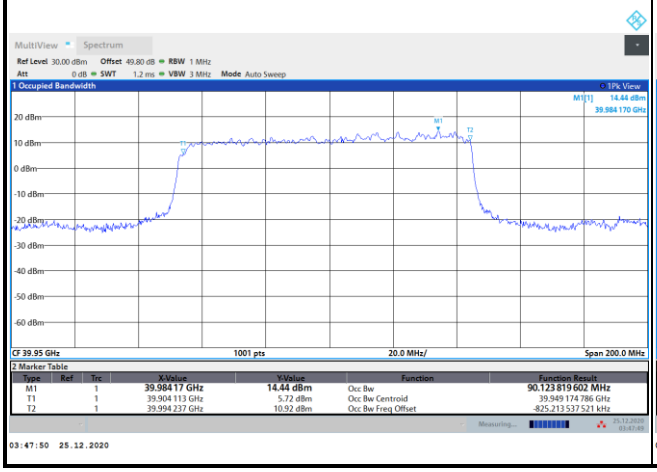
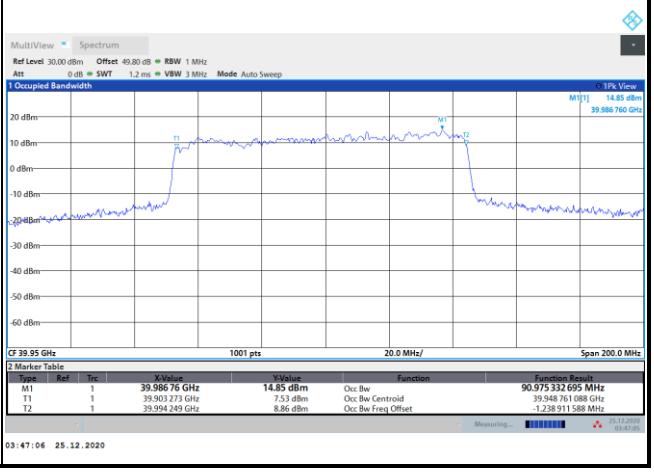
**DFT-s-OFDM Module 2**

| 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 |
|  |  |

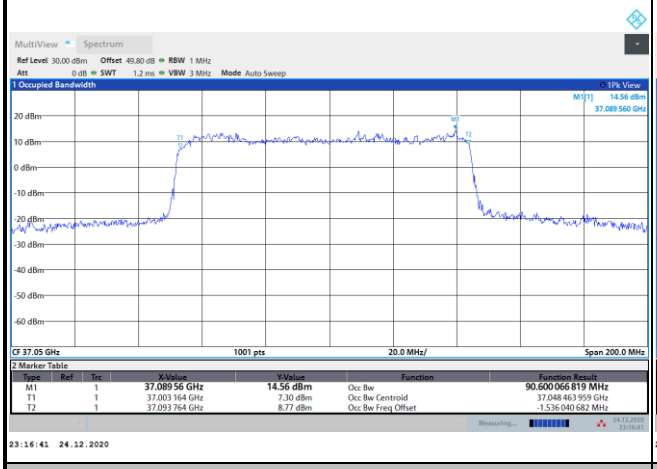
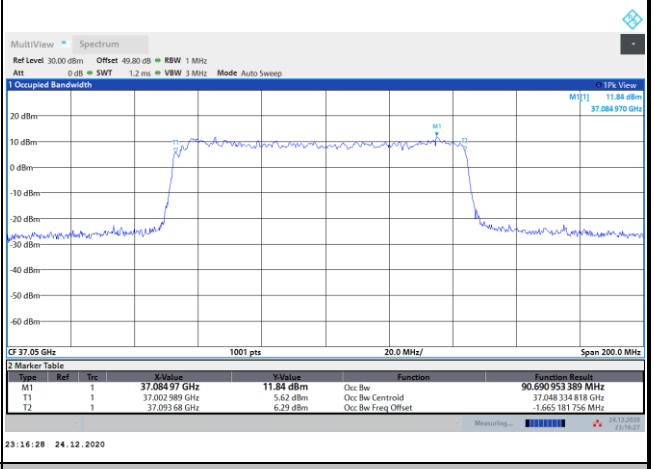
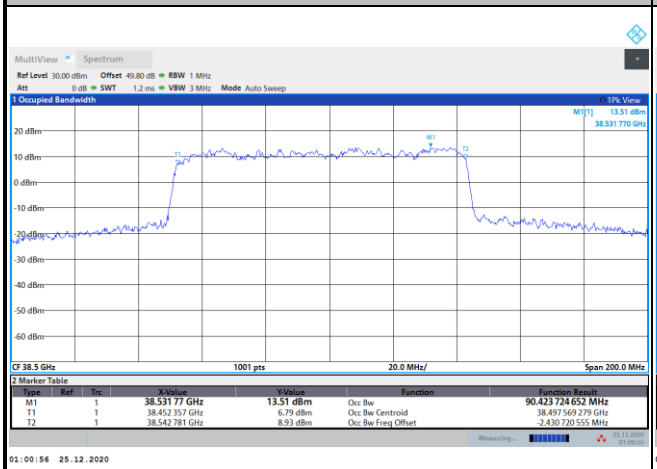
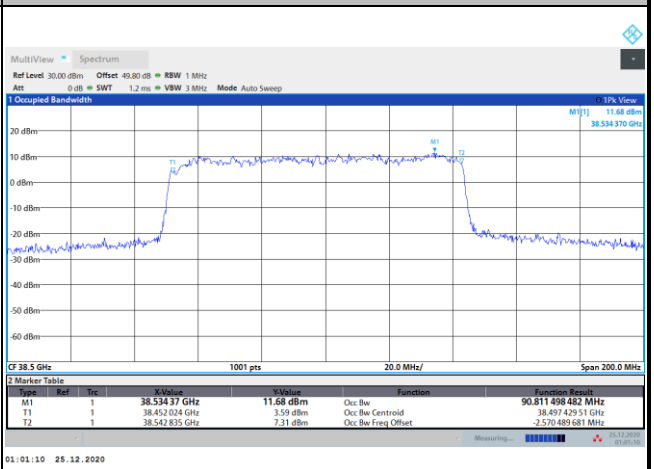
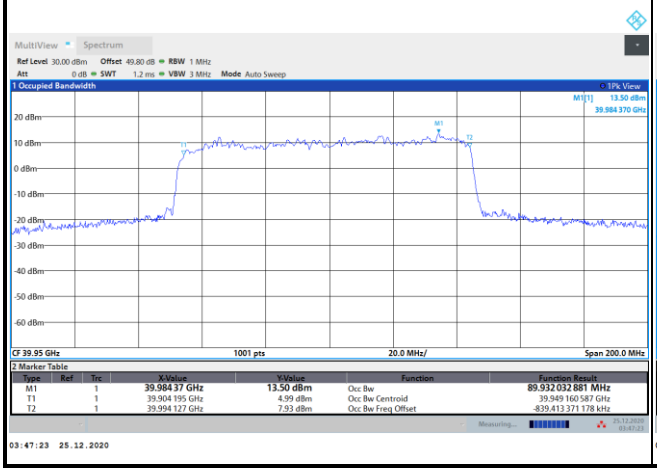
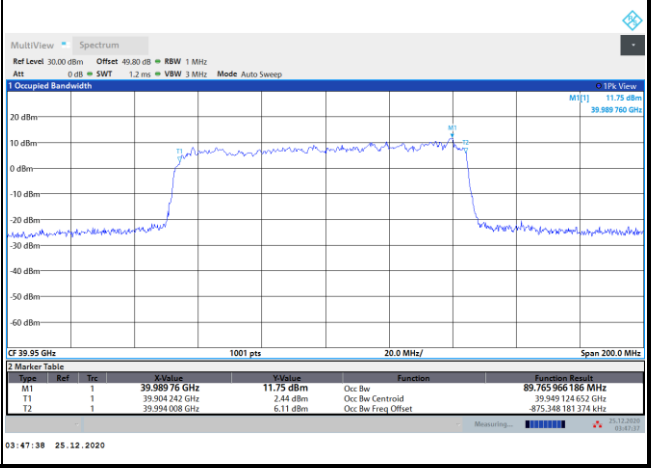
**DFT-s-OFDM Module 2**

| 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** |
|  |  |

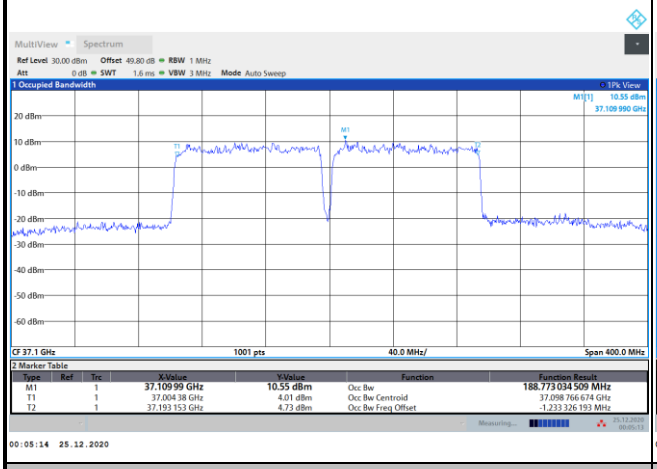
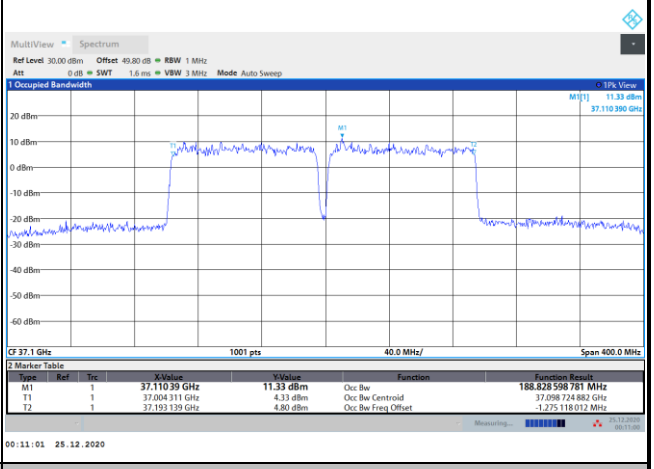
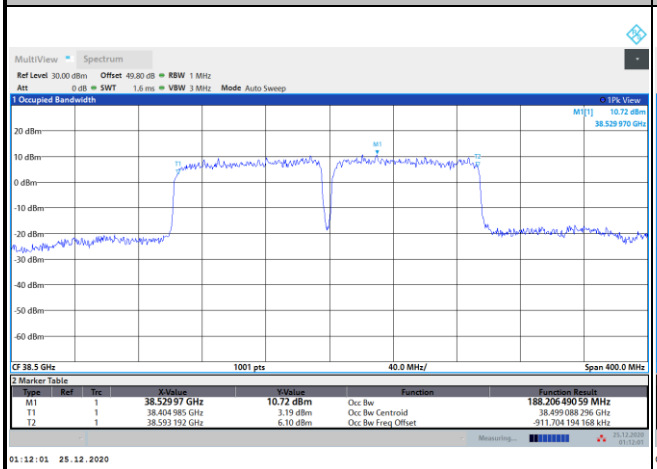
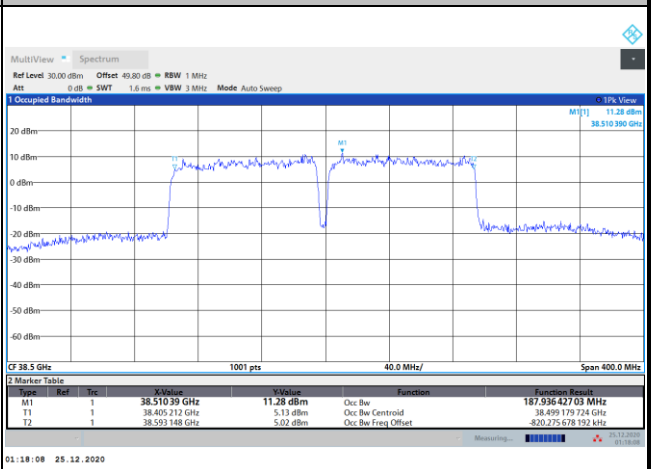
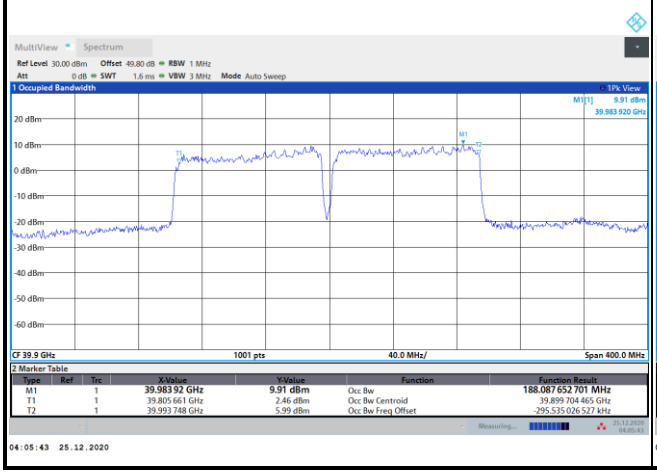
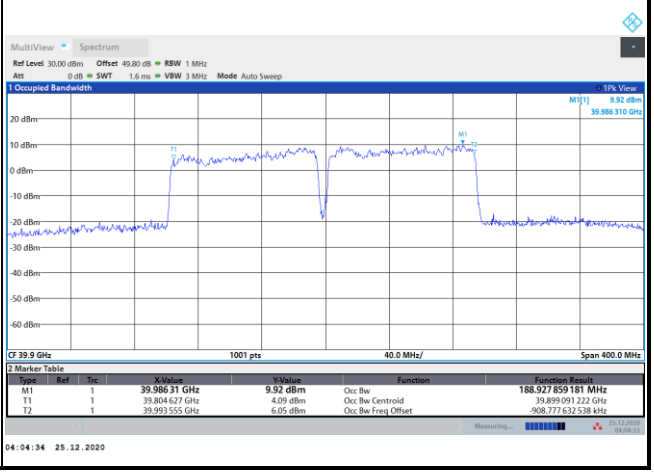
**DFT-s-OFDM Module 2**

| 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 2**

| 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 2**

| 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** |
|  |  |