



# FCC RADIO TEST REPORT

FCC ID : PKRISGM2000A  
Equipment : Wireless Hotspot Modem  
Brand Name : Inseego  
Model Name : M2000A  
Marketing Name : M2000  
Applicant : Inseego Corporation  
9710 Scranton Road Suite 200, San Diego, CA 92121  
Manufacturer : Inseego Corporation  
9710 Scranton Road Suite 200, San Diego, CA 92121  
Standard : FCC 47 CFR Part 2, and 30

The product was received on Jul. 09, 2020 and testing was started from Aug. 01, 2020 and completed on Aug. 27, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures ANSI C63.26-2015 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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## History of this test report

| Report No.   | Version | Description             | Issued Date   |
|--------------|---------|-------------------------|---------------|
| FG041657-01I | 01      | Initial issue of report | Sep. 15, 2020 |
|              |         |                         |               |
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|              |         |                         |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause    | Test Items                                    | Limit                   | Result (PASS/FAIL) | Remark |
|---------------|--------------------|-----------------------------------------------|-------------------------|--------------------|--------|
| 3.4           | §2.1046<br>§30.202 | EIRP Measurement                              | +43dBm                  | Pass               | -      |
| 3.5           | §2.1049            | Occupied Bandwidth                            | Not Applicable          | Reporting only     | -      |
| 3.6           | §2.1053<br>§30.203 | Radiated Spurious Emission                    | -5dBm/MHz<br>-13dBm/MHz | Pass               | -      |
| 3.7           | §2.1055            | Frequency Stability for Temperature & Voltage | Within the band         | Pass               | -      |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by:** Wii Chang

**Report Producer:** Dara Chiu



# 1 General Description

## 1.1 Feature of Equipment Under Test

WCDMA/LTE/5G NR, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax and GNSS

| Product Specification subjective to this standard |                                                                                                                                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Type                                      | WWAN: Fixed Internal Antenna<br>WLAN:<br><Ant. 1>: Fixed Internal Antenna<br><Ant. 2>: Fixed Internal Antenna<br>GPS: Fixed Internal Antenna |

## 1.2 Product Specification of Equipment Under Test

| Product Specification subjective to this standard |                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Category in Part 30                        | Mobile station                                                                                                                                                                                                                                                                         |
| Tx Frequency                                      | NR band n258a: 24.25GHz ~24.45GHz<br>NR band n258b: 24.75GHz ~25.25GHz<br>NR band n260: 37GHz ~ 40GHz<br>NR band n261: 27.5GHz ~ 28.35GHz                                                                                                                                              |
| Rx Frequency                                      | NR band n258a: 24.25GHz ~24.45GHz<br>NR band n258b: 24.75GHz ~25.25GHz<br>NR band n260: 37GHz ~ 40GHz<br>NR band n261: 27.5GHz ~ 28.35GHz                                                                                                                                              |
| Support Bandwidth                                 | NR band n258a: 50 MHz and 100 MHz<br>NR band n258b: 50 MHz and 100 MHz<br>NR band n260: 50 MHz and 100 MHz<br>NR band n261: 50 MHz and 100 MHz                                                                                                                                         |
| Maximum Number of contiguous CC                   | 1                                                                                                                                                                                                                                                                                      |
| Maximum Aggregated Bandwidth                      | 100MHz                                                                                                                                                                                                                                                                                 |
| Maximum Output Power (EIRP)                       | NR band n258a:<br>Module 0: 20.80 dBm<br><b>Module 1: 20.94 dBm</b><br>NR band n258b:<br><b>Module 0: 21.53 dBm</b><br>Module 1: 20.13 dBm<br>NR band n260:<br><b>Module 0: 24.04 dBm</b><br>Module 1: 22.66 dBm<br>NR band n261:<br>Module 0: 20.40 dBm<br><b>Module 1: 21.95 dBm</b> |
| Type of Modulation                                | CP-OFDM: QPSK / 16QAM / 64QAM<br>DFT-s-OFDM: BPSK / QPSK / 16QAM / 64QAM                                                                                                                                                                                                               |

Note 1: Highest EIRP was measured on Module 1, single beam case for n258a band.

Note 2: Highest EIRP was measured on Module 0, single beam case for n258b band.

Note 3: Highest EIRP was measured on Module 0, single beam case for n260 band.

Note 4: Highest EIRP was measured on Module 1, single beam case for n261 band.

### 1.3 Modification of EUT

No modifications are made to the EUT during all test items.

### 1.4 Testing Location

|                              |                                                                                                                       |           |             |            |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|
| <b>Test Site</b>             | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                   |           |             |            |
| <b>Test Site Location</b>    | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |           |             |            |
| <b>Test Site Information</b> | Site No.                                                                                                              | Engineer  | Temperature | Humidity   |
|                              | TH05-HY                                                                                                               | Eric Jeng | 23.1~26.0℃  | 47.6~55.9% |

|                              |                                                                                                                                           |                                                                                |             |             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------|-------------|
| <b>Test Site</b>             | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                                       |                                                                                |             |             |
| <b>Test Site Location</b>    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |                                                                                |             |             |
| <b>Test Site Information</b> | Site No.                                                                                                                                  | Engineer                                                                       | Temperature | Humidity    |
|                              | 03CH10-HY                                                                                                                                 | Yu Wang                                                                        | 23.5~25.8℃  | 49.6~57.2%  |
|                              | 03CH18-HY                                                                                                                                 | Leo Liu, Eric Jeng,<br>Quentin Liu, Cheng Wei,<br>Steven Wu,<br>and Peter Chiu | 22.1~25.6℃  | 46.9~58.8 % |

FCC Designation No. TW1190 and TW0007

### 1.5 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR Part 2, 30
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 842590 D01 Upper Microwave Flexible Use Service v01r01

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

## 2 Test Configuration of Equipment Under Test

EUT has total 2 millimeter wave antenna modules and up to 2 beams operation for each module.

Any antenna module cannot transmit simultaneously with the other antenna modules.

Preliminary EIRP test was performed for all beam configurations in the anechoic chamber at the manufacturer's facility so the EIRP worst case beam-pair were identified.

EUT configured to transmit a single beam at a time and combine the measured value together for both beams by math calculation in linear form method.

The NR radio operation is controlled via software tool QRCT FTM mode (Factory mode).

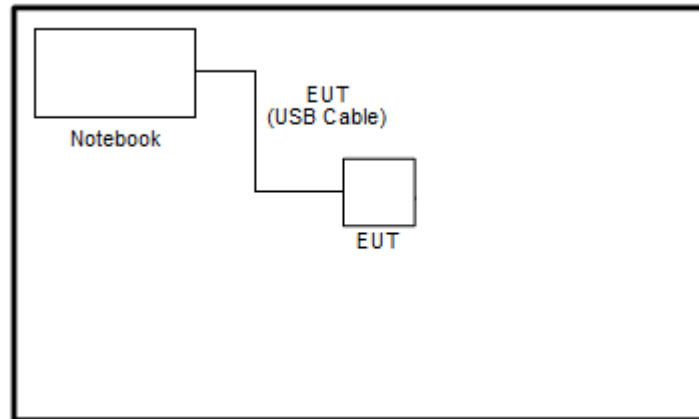
The EUT is forced to operate continuously (100% duty cycle) with maximum output power during the test.

### 2.1 Test Mode

For radiated measurement, the pre-scan is performed to find the worst cases EUT position.

| Test Items                   | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bandwidth (MHz) |     |     |     | Modulation |      |       |       | RB # |   |      | Test Channel |   |   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|-----|-----|------------|------|-------|-------|------|---|------|--------------|---|---|
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50              | 100 | 200 | 400 | BPSK       | QPSK | 16QAM | 64QAM | 1    | - | Full | L            | M | H |
| EIRP                         | n258a<br>n258b<br>n260<br>n261                                                                                                                                                                                                                                                                                                                                                                                                                                                | v               | v   |     |     | v          | v    | v     | v     | v    |   | v    | v            | v | v |
| 99%<br>Occupied<br>Bandwidth | n258a<br>n258b<br>n260<br>n261                                                                                                                                                                                                                                                                                                                                                                                                                                                | v               | v   |     |     | v          | v    | v     | v     |      |   | v    | v            | v | v |
| Out of Band<br>Emission      | n258a<br>n258b<br>n260<br>n261                                                                                                                                                                                                                                                                                                                                                                                                                                                | v               | v   |     |     | v          | v    | v     | v     | v    |   | v    | v            |   | v |
| Spurious<br>Emission         | n258a<br>n258b<br>n260<br>n261                                                                                                                                                                                                                                                                                                                                                                                                                                                | v               | v   |     |     | v          | v    |       |       | v    |   |      | v            | v | v |
| Frequency<br>Stability       | n258a<br>n258b<br>n260<br>n261                                                                                                                                                                                                                                                                                                                                                                                                                                                | CW tone         |     |     |     |            |      |       |       |      |   |      |              | v |   |
| Remark                       | 1. The mark “v ” means that this configuration is chosen for testing.<br>2. The device is investigated from 30MHz to 200GHz of fundamental signal for radiated spurious emission test under different RB size and modulations in exploratory test. Subsequently, only the worst case emissions are reported.<br>3. Both modulation type DFT-s OFDM and CP-OFDM are evaluated and reported.<br>4. The out of band emission and spurious emissions were measured radiated EIRP. |                 |     |     |     |            |      |       |       |      |   |      |              |   |   |

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration

| Item | Equipment | Trade Name | Model No. | FCC ID | Data Cable | Power Cord                                                 |
|------|-----------|------------|-----------|--------|------------|------------------------------------------------------------|
| 1.   | Notebook  | Dell       | P111G     | N/A    | N/A        | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

According to ANSI C63.26-2015 Section 5.2.7

$$\text{EIRP (dBm)} = \text{E(dBuV/m)} + 20\log(D) - 104.8.$$

where D is the measurement distance (in the far field region) in m.

$$\text{E (dBuV/m)} = \text{Spectrum Reading Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107$$

Hence, the spectrum analyzer *Offset* is derived including RF cable loss and antenna factor.

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

The conversion loss of RF mixer is also included by the mixer table of spectrum analyzer when measurement frequency is above 40GHz.

Example :

$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 42.3 + 3.0 + 107 + 20\log(1) - 104.8 \\
 &= 47.5 \text{ (dB)}
 \end{aligned}$$

## 2.5 Far Field Condition for Frequency above 18GHz

| Horn Antenna | Frequency (GHz) | Antenna Dimension A (mm) | Wavelength (λ) (m) | Far field R (m)<br>$\geq 2A^2 / \lambda$ | Measurement Distance (D) (m) | Distance Factor<br>$20\log(D)$ (dB) |
|--------------|-----------------|--------------------------|--------------------|------------------------------------------|------------------------------|-------------------------------------|
| BBHA 9170    | 18              | 60                       | 0.0167             | 0.43                                     | 1                            | 0.00                                |
|              | 40              | 60                       | 0.0075             | 0.96                                     |                              |                                     |
| QWH-UPRR00   | 40              | 48                       | 0.0075             | 0.61                                     | 1                            | 0.00                                |
|              | 60              | 48                       | 0.0050             | 0.92                                     |                              |                                     |
| QWH-EPRR00   | 60              | 31                       | 0.0050             | 0.38                                     | 1                            | 0.00                                |
|              | 90              | 31                       | 0.0033             | 0.58                                     |                              |                                     |
| QWH-FPRR00   | 90              | 21                       | 0.0033             | 0.26                                     | 1                            | 0.00                                |
|              | 140             | 21                       | 0.0021             | 0.41                                     |                              |                                     |
| QWH-GPRR00   | 140             | 15                       | 0.0021             | 0.21                                     | 0.5                          | -6.02                               |
|              | 220             | 15                       | 0.0014             | 0.33                                     |                              |                                     |

## 2.6 Frequency List of Low/Middle/High Channels

| NR Band n258a Channel and Frequency List |                        |        |        |         |
|------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                 | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 50                                       | Frequency              | 24275  | 24350  | 24425   |
| 100                                      | Frequency              | 24300  | 24350  | 24400   |

| NR Band n258b Channel and Frequency List |                        |        |        |         |
|------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                 | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 50                                       | Frequency              | 24775  | 25000  | 25225   |
| 100                                      | Frequency              | 24800  | 25000  | 25200   |

| NR Band n260 Channel and Frequency List |                        |        |        |         |
|-----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 50                                      | Frequency              | 37025  | 38500  | 39975   |
| 100                                     | Frequency              | 37050  | 38500  | 39950   |

| NR Band n261 Channel and Frequency List |                        |        |        |         |
|-----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 50                                      | Frequency              | 27525  | 27925  | 28325   |
| 100                                     | Frequency              | 27550  | 27925  | 28300   |

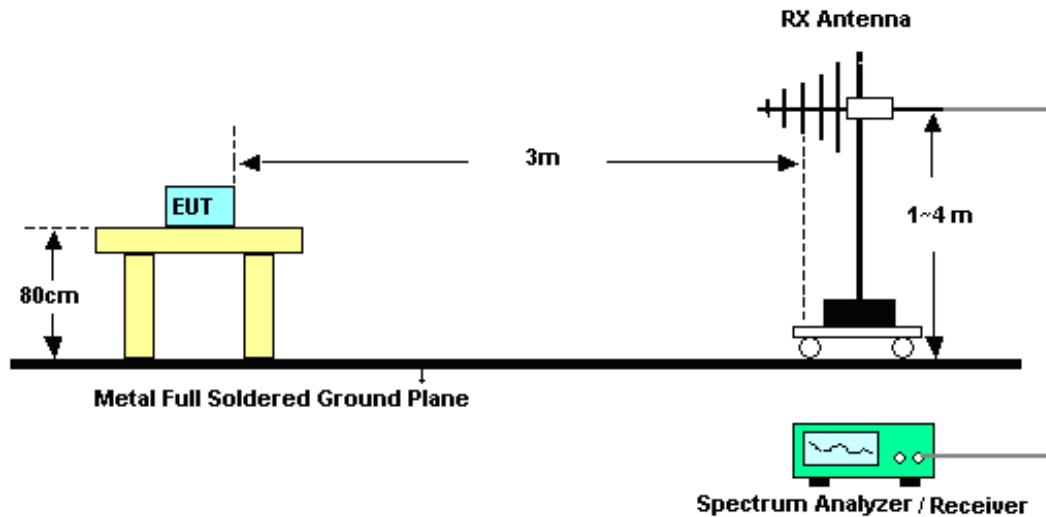
### 3 Radiated Test Items

#### 3.1 Measuring Instruments

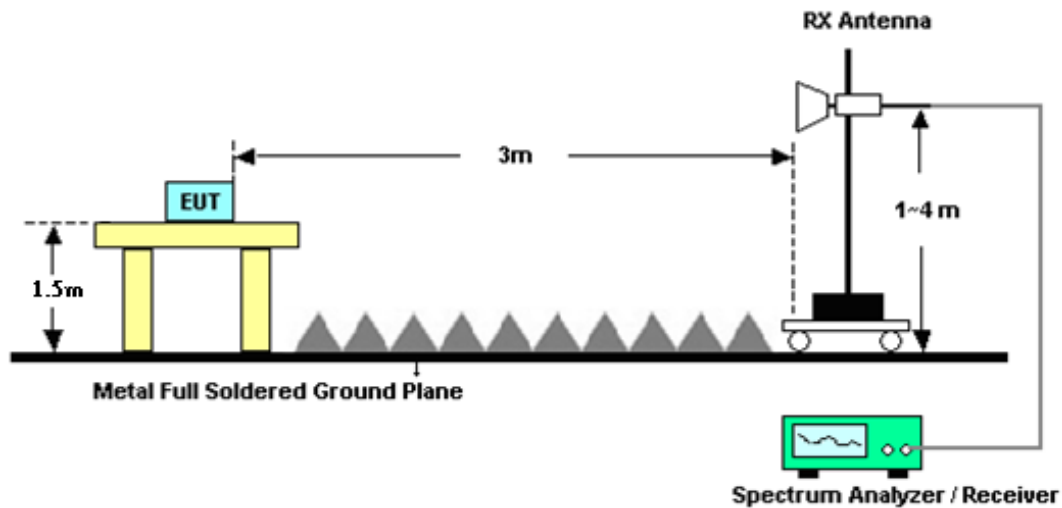
See list of measuring instruments of this test report.

#### 3.2 Test Setup

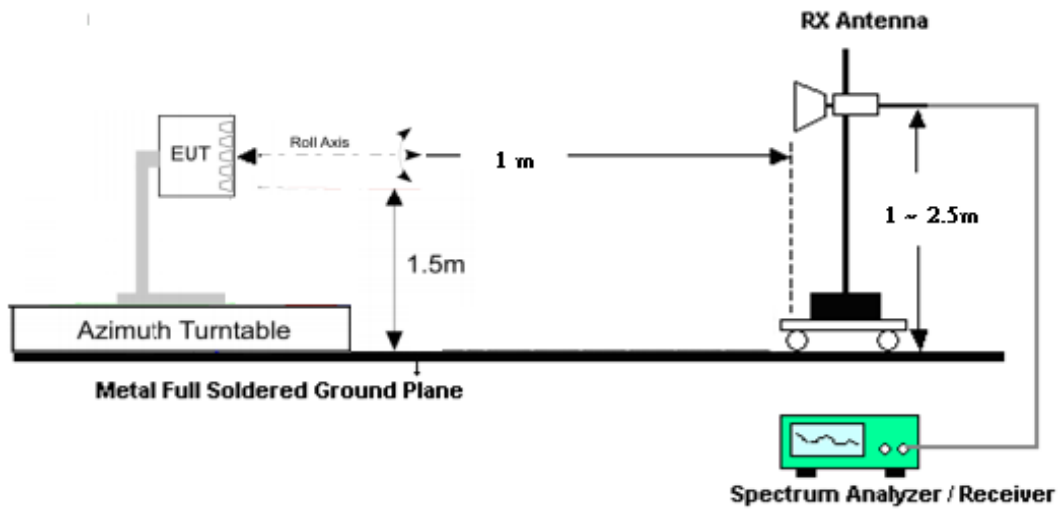
For radiated emissions from 30MHz to 1GHz



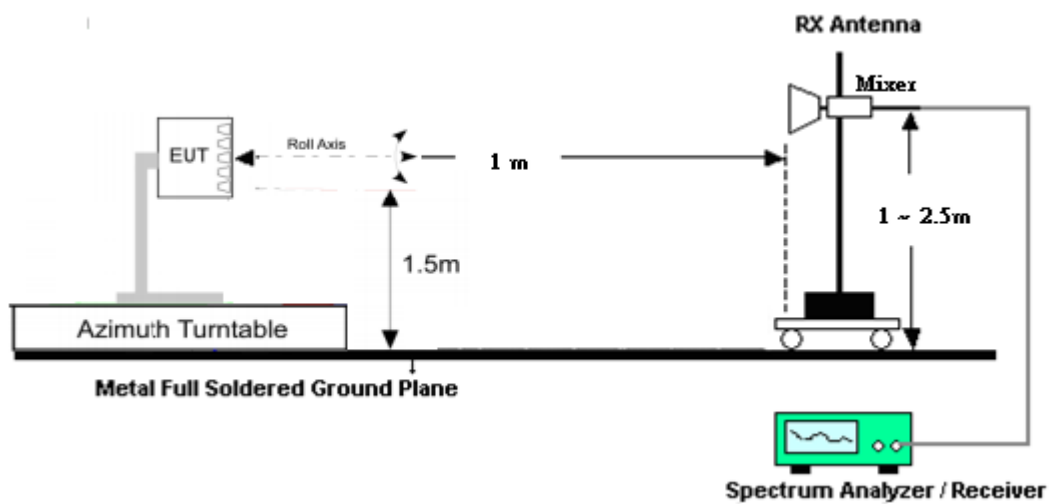
For radiated emissions 1GHz to 18GHz



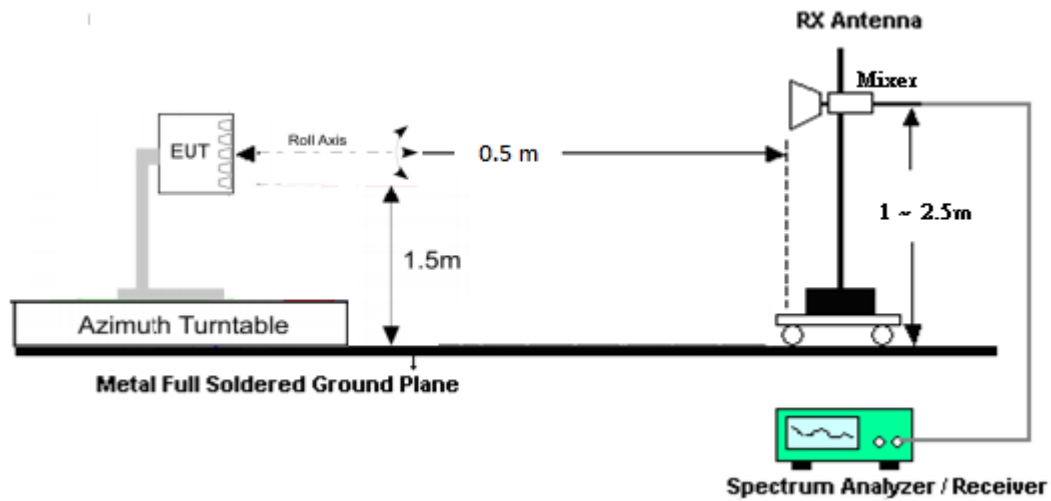
For radiated emissions above 18GHz up to 40GHz



For radiated emissions above 40GHz up to 140GHz



For radiated emissions above 140GHz up to 200GHz



### 3.3 Test Result of Radiated Test

Please refer to Appendix A.



### **3.4 EIRP Measurement**

#### **3.4.1 Description of EIRP Measurement**

For mobile stations, the average power of the sum of all antenna elements is limited to a maximum EIRP of +43 dBm.

#### **3.4.2 Test Procedures**

1. Set EUT at maximum output power.
2. Select lowest, middle, and highest channels for each band and different modulation.
3. Enable channel power function of spectrum analyzer
4. Set frequency would like to be investigated.
5. Set Detector = RMS
6. Set Trace mode = trace average
7. Set Sweep time = auto couple
8. Set sweep points  $\geq 2 \times \text{Span/RBW}$
9. Set sweep count 100 and wait until the trace to be stabilized
10. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
11. Measure and record the power level from the spectrum analyzer.
12. The test result is calculated according to

ANSI C63.26-2015 Section 5.2.7

$\text{EIRP (dBm)} = \text{E(dBuV/m)} + 20\log(D) - 104.8.$

where D is the measurement distance (in the far field region) in m.

$\text{E (dBuV/m)} = \text{Spectrum Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107$

That is, set the spectrum offset including sum of

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



## **3.5 Occupied Bandwidth**

### **3.5.1 Description of Occupied Bandwidth Measurement**

This is for reporting only.

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

### **3.5.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.4.4

1. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.  
The span range for the spectrum analyzer shall be at least 1.5 times the anticipated OBW.
2. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
3. Set the detection mode to peak, and the trace mode to max hold.
4. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



## 3.6 Radiated Spurious Emission Measurement

### 3.6.1 Description of Radiated Spurious Emission Measurement

The spectrum is scanned from 30 MHz up to 200GHz.

The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be -13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm/MHz or lower.

### 3.6.2 Test Procedures

1. Set EUT at maximum output power..
2. Select lowest, middle, and highest channels for each band and different modulation.
3. Measure and record the power level from the spectrum analyzer.
4. Set frequency would like to be investigated.
5. Set Detector = RMS, Trace mode = trace average, sweep time = auto couple
6. Set sweep points  $\geq 2 \times \text{Span/RBW}$ , sweep count 100 and wait until the trace to be stabilized.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. For measurement frequency from 30MHz to 18GHz,  
An antenna was substituted in place of the EUT and was driven by a signal generator.  
Tune the output power of signal generator to the same emission level with EUT maximum spurious emission. Take record of output power and repeat for another polarization.
9. For measurement frequency above 18GHz, the test result is calculated according to ANSI C63.26-2015 Section 5.2.7 and 5.7.3 and 5.7.4  
$$\text{EIRP (dBm)} = \text{E(dBuV/m)} + 20\log(D) - 104.8.$$
where D is the measurement distance (in the far field region) in m.  
$$\text{E (dBuV/m)} = \text{Spectrum Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107$$
That is, set the spectrum offset including sum of  
$$\text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$
10. The conversion loss of RF mixer is also included in conversion loss table of the spectrum analyzer when measurement frequency is above 40GHz.



## **3.7 Frequency Stability Measurement**

### **3.7.1 Description of Frequency Stability Measurement**

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

### **3.7.2 Test Procedures for Temperature Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.

1. The EUT was set up in the thermal chamber.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

### **3.7.3 Test Procedures for Voltage Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.

1. The EUT was placed in a temperature chamber at 20° C.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.



## 4 List of Measuring Equipment

| Instrument            | Brand Name      | Model No.                  | Serial No.                         | Characteristics               | Calibration Date | Test Date                     | Due Date      | Remark                |
|-----------------------|-----------------|----------------------------|------------------------------------|-------------------------------|------------------|-------------------------------|---------------|-----------------------|
| Amplifier             | SONOMA          | 310N                       | 187311                             | 9kHz~1GHz                     | Oct. 22, 2019    | Aug. 23, 2020                 | Oct. 21, 2020 | Radiation (03CH10-HY) |
| Bilog Antenna         | TESEQ           | CBL 6111D & 00800N1D01N-06 | 35413 & 02                         | 30MHz~1GHz                    | Feb. 11, 2020    | Aug. 23, 2020                 | Feb. 10, 2021 | Radiation (03CH10-HY) |
| Horn Antenna          | SCHWARZBECK     | BBHA 9120 D                | 9120D-1325                         | 1GHz~18GHz                    | Oct. 09, 2019    | Aug. 23, 2020                 | Oct. 08, 2020 | Radiation (03CH10-HY) |
| Preamplifier          | Jet-Power       | JAP00101800-30-10P         | 160118550004                       | 1GHz~18GHz                    | Mar. 02, 2020    | Aug. 23, 2020                 | Mar. 01, 2021 | Radiation (03CH10-HY) |
| Spectrum Analyzer     | Keysight        | N9010A                     | MY54200485                         | 10Hz~44GHz                    | Feb. 10, 2020    | Aug. 23, 2020                 | Feb. 09, 2021 | Radiation (03CH10-HY) |
| Controller            | EMEC            | EM 1000                    | N/A                                | Control Turn table & Ant Mast | N/A              | Aug. 23, 2020                 | N/A           | Radiation (03CH10-HY) |
| Antenna Mast          | EMEC            | AM-BS-4500-B               | N/A                                | 1~4m                          | N/A              | Aug. 23, 2020                 | N/A           | Radiation (03CH10-HY) |
| Turn Table            | EMEC            | TT 2200                    | N/A                                | 0~360 Degree                  | N/A              | Aug. 23, 2020                 | N/A           | Radiation (03CH10-HY) |
| Software              | Audix           | E3<br>6.2009-8-24          | RK-001042                          | N/A                           | N/A              | Aug. 23, 2020                 | N/A           | Radiation (03CH10-HY) |
| EMI Test Receiver     | Agilent         | N9038A(MXE)                | MY53290045                         | 20MHz~8.4GHz                  | Jan. 18, 2020    | Aug. 23, 2020                 | Jan. 17, 2021 | Radiation (03CH10-HY) |
| RF Cable              | HUBER + SUHNER  | SUCOFLEX 104 / 102         | MY11692/4P E,MY11693/4 PE,MY2855/2 | 30MHz~1GHz                    | Nov. 07, 2019    | Aug. 23, 2020                 | Nov. 06, 2020 | Radiation (03CH10-HY) |
| RF Cable              | HUBER + SUHNER  | SUCOFLEX 104 / 102         | MY11692/4P E,MY11693/4 PE,MY2855/2 | 1GHz~18GHz                    | Nov. 07, 2019    | Aug. 23, 2020                 | Nov. 06, 2020 | Radiation (03CH10-HY) |
| SHF-EHF Horn Antenna  | SCHWARZBECK     | BBHA 9170                  | BBHA9170584                        | 18GHz~40GHz                   | Dec. 10, 2019    | Aug. 01, 2020 ~ Aug. 22, 2020 | Dec. 09, 2020 | Radiation (03CH18-HY) |
| Spectrum Analyzer     | Rohde & Schwarz | FSV40                      | 101756                             | 10Hz~40GHz                    | Dec. 24, 2019    | Aug. 01, 2020 ~ Aug. 22, 2020 | Dec. 23, 2020 | Radiation (03CH18-HY) |
| Signal Analyzer       | R&S             | FSV3044                    | 101009                             | 10Hz~44GHz                    | Nov. 11, 2019    | Aug. 01, 2020 ~ Aug. 22, 2020 | Nov. 10, 2020 | Radiation (03CH18-HY) |
| RF Cable              | HUBER + SUHNER  | SF102/2*11SK 252           | MY4278/2                           | 9kHz~40GHz                    | Jul. 03, 2020    | Aug. 01, 2020 ~ Aug. 22, 2020 | Jul. 02, 2021 | Radiation (03CH18-HY) |
| Spectrum Analyzer     | Rohde & Schwarz | FSV30                      | 103738                             | 9kHz to 30GHz                 | May 14, 2020     | Aug. 22, 2020                 | May 13, 2021  | Radiation (03CH18-HY) |
| Harmonic Mixer (*)    | Rohde & Schwarz | RPG FS-Z140                | 101128                             | 90 ~ 140 GHz                  | Sep. 03, 2018    | Aug. 22, 2020                 | Sep. 02, 2021 | Radiation (03CH18-HY) |
| Harmonic Mixer (*)    | Rohde & Schwarz | RPG FS-Z60                 | 100986                             | 40 ~ 60 GHz                   | Oct. 31, 2018    | Aug. 22, 2020                 | Oct. 30, 2021 | Radiation (03CH18-HY) |
| Harmonic Mixer (*)    | Rohde & Schwarz | FS-Z90                     | 101811                             | 60 ~ 90 GHz                   | Jul. 16, 2018    | Aug. 22, 2020                 | Jul. 15, 2021 | Radiation (03CH18-HY) |
| Harmonic Mixer (*)    | Rohde & Schwarz | RPG FS-Z220                | 101014                             | 140 ~ 220 GHz                 | Aug. 27, 2018    | Aug. 22, 2020                 | Aug. 26, 2021 | Radiation (03CH18-HY) |
| Standard Horn Antenna | Quinstar        | QWH-EPRR00                 | 784600034                          | 60 ~ 90 GHz                   | Aug. 17, 2018    | Aug. 22, 2020                 | Aug. 16, 2021 | Radiation (03CH18-HY) |
| Standard Horn Antenna | Quinstar        | QWH-GPRR00                 | 923900001                          | 140 ~ 220 GHz                 | Aug. 17, 2018    | Aug. 22, 2020                 | Aug. 16, 2021 | Radiation (03CH18-HY) |
| Standard Horn Antenna | Quinstar        | QWH-FPRR00                 | 923800008                          | 90 ~ 140 GHz                  | Aug. 17, 2018    | Aug. 22, 2020                 | Aug. 16, 2021 | Radiation (03CH18-HY) |
| Standard Horn Antenna | Quinstar        | QWH-UPRR00                 | 923600007                          | 40 ~ 60 GHz                   | Aug. 17, 2018    | Aug. 22, 2020                 | Aug. 16, 2021 | Radiation (03CH18-HY) |



| Instrument                             | Brand Name      | Model No.        | Serial No.  | Characteristics | Calibration Date | Test Date     | Due Date      | Remark              |
|----------------------------------------|-----------------|------------------|-------------|-----------------|------------------|---------------|---------------|---------------------|
| SHF-EHF Horn Antenna                   | SCHWARZBECK     | BBHA 9170        | BBHA9170251 | 18GHz~40GHz     | Nov. 26, 2019    | Aug. 27, 2020 | Nov. 25, 2020 | Conducted (TH05-HY) |
| Spectrum Analyzer                      | Rohde & Schwarz | FSV40            | 101756      | 10Hz~40GHz      | Dec. 24, 2019    | Aug. 27, 2020 | Dec. 23, 2020 | Conducted (TH05-HY) |
| RF Cable                               | HUBER + SUHNER  | SF102/2*11SK 252 | MY4278/2    | 9kHz~40GHz      | Jul. 03, 2020    | Aug. 27, 2020 | Jul. 02, 2021 | Conducted (TH05-HY) |
| Temperature & Humidity Cabinet Chamber | ESPEC           | LHU-113          | 1012005860  | N/A             | Dec. 12, 2019    | Aug. 27, 2020 | Dec. 11, 2020 | Conducted (TH05-HY) |

**Note:** (\*) Equipment manufacturer's Calibration Certificate.

## 5 Uncertainty of Evaluation

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.02 |
|-------------------------------------------------------------------------|------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.26 |
|-------------------------------------------------------------------------|------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.03 |
|-------------------------------------------------------------------------|------|

### Uncertainty of Radiated Emission Measurement (40 GHz ~ 140 GHz)

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.80 |
|-------------------------------------------------------------------------|------|

### Uncertainty of Radiated Emission Measurement (140 GHz ~ 200 GHz)

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.80 |
|-------------------------------------------------------------------------|------|

## Appendix A. Test Results of EIRP and Radiated Test

### EIRP Power(Average power)

#### NR Band n258a Module 0

| NR Band n258a Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 13.04     | 16.15      | 17.65     | 17.56      |
|                                          | 50       | DFT-S    | QPSK       | 14.59     | 17.51      | 18.92     | 18.77      |
|                                          | 50       | DFT-S    | 16QAM      | 13.07     | 15.9       | 18.55     | 18.33      |
|                                          | 50       | DFT-S    | 64QAM      | 10.87     | 13.87      | 16.51     | 16.38      |
|                                          | 50       | CP       | QPSK       | 12.08     | 15.25      | 17.29     | 17.04      |
|                                          | 50       | CP       | 16QAM      | 11.1      | 14.41      | 16.59     | 16.31      |
|                                          | 50       | CP       | 64QAM      | 8.36      | 11.74      | 14.23     | 14.17      |
|                                          | 100      | DFT-S    | BPSK       | 11.94     | 16.62      | 18.54     | 18.35      |
|                                          | 100      | DFT-S    | QPSK       | 13.34     | 17.93      | 19.8      | 19.78      |
|                                          | 100      | DFT-S    | 16QAM      | 11.82     | 16.37      | 19.34     | 19.08      |
|                                          | 100      | DFT-S    | 64QAM      | 9.77      | 14.26      | 17.28     | 17.23      |
|                                          | 100      | CP       | QPSK       | 10.99     | 15.37      | 17.65     | 17.49      |
|                                          | 100      | CP       | 16QAM      | 9.93      | 14.29      | 17.02     | 16.71      |
|                                          | 100      | CP       | 64QAM      | 7.11      | 11.77      | 14.7      | 14.54      |



| NR Band n258a Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Middle                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 14.05     | 16.63      | 18.06     | 17.85      |
|                                          | 50       | DFT-S    | QPSK       | 15.47     | 17.93      | 19.26     | 19.27      |
|                                          | 50       | DFT-S    | 16QAM      | 13.96     | 16.3       | 18.94     | 18.65      |
|                                          | 50       | DFT-S    | 64QAM      | 13.29     | 15.61      | 17.34     | 17.13      |
|                                          | 50       | CP       | QPSK       | 12.29     | 14.57      | 16.75     | 16.38      |
|                                          | 50       | CP       | 16QAM      | 9.5       | 12.21      | 14.39     | 14.25      |
|                                          | 50       | CP       | 64QAM      | 13.13     | 16.9       | 18.05     | 17.92      |
|                                          | 100      | DFT-S    | BPSK       | 14.55     | 18.26      | 19.29     | 19.32      |
|                                          | 100      | DFT-S    | QPSK       | 13.1      | 16.7       | 19.05     | 18.67      |
|                                          | 100      | DFT-S    | 16QAM      | 10.89     | 14.63      | 16.87     | 16.84      |
|                                          | 100      | DFT-S    | 64QAM      | 12.34     | 15.66      | 17.12     | 17         |
|                                          | 100      | CP       | QPSK       | 11.27     | 14.64      | 16.51     | 16.23      |
|                                          | 100      | CP       | 16QAM      | 8.46      | 12.21      | 14.13     | 14.09      |
|                                          | 100      | CP       | 64QAM      | 14.05     | 16.63      | 18.06     | 17.85      |

| NR Band n258a Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |           |             |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|-------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |             |
| Highest                                  | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full  |
|                                          | 50       | DFT-S    | BPSK       | 15.05     | 17.55      | 19.18     | 18.94       |
|                                          | 50       | DFT-S    | QPSK       | 16.34     | 18.94      | 20.45     | 20.24       |
|                                          | 50       | DFT-S    | 16QAM      | 14.42     | 17.27      | 19.69     | 19.79       |
|                                          | 50       | DFT-S    | 64QAM      | 12.8      | 15.27      | 17.94     | 17.8        |
|                                          | 50       | CP       | QPSK       | 13.95     | 16.57      | 18.37     | 18.28       |
|                                          | 50       | CP       | 16QAM      | 12.87     | 15.44      | 17.68     | 17.6        |
|                                          | 50       | CP       | 64QAM      | 10.57     | 13.1       | 15.59     | 15.38       |
|                                          | 100      | DFT-S    | BPSK       | 12.36     | 17.43      | 19.4      | 19.51       |
|                                          | 100      | DFT-S    | QPSK       | 13.69     | 18.83      | 20.64     | <b>20.8</b> |
|                                          | 100      | DFT-S    | 16QAM      | 12.41     | 17.24      | 20.32     | 20.29       |
|                                          | 100      | DFT-S    | 64QAM      | 10.16     | 15.1       | 18.35     | 18.37       |
|                                          | 100      | CP       | QPSK       | 11.63     | 16.44      | 18.6      | 18.74       |
|                                          | 100      | CP       | 16QAM      | 10.61     | 15.36      | 17.97     | 17.91       |
|                                          | 100      | CP       | 64QAM      | 7.75      | 12.91      | 15.54     | 15.74       |



| NR Band n258a Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |              |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |              |            |
| Lowest                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 11.59     | 14.79      | 15.89        | 15.82      |
|                                           | 50       | DFT-S    | QPSK       | 13.1      | 16.17      | 17.24        | 17.25      |
|                                           | 50       | DFT-S    | 16QAM      | 11.56     | 14.55      | 17.03        | 16.92      |
|                                           | 50       | DFT-S    | 64QAM      | 9.48      | 12.75      | 14.65        | 14.77      |
|                                           | 50       | CP       | QPSK       | 10.77     | 13.88      | 15.33        | 15.3       |
|                                           | 50       | CP       | 16QAM      | 9.96      | 12.99      | 14.7         | 14.46      |
|                                           | 50       | CP       | 64QAM      | 7.29      | 10.58      | 12.15        | 12.2       |
|                                           | 100      | DFT-S    | BPSK       | 10.33     | 14.95      | 16.79        | 16.59      |
|                                           | 100      | DFT-S    | QPSK       | 11.77     | 16.46      | <b>18.06</b> | 17.99      |
|                                           | 100      | DFT-S    | 16QAM      | 10.14     | 14.82      | 17.77        | 17.65      |
|                                           | 100      | DFT-S    | 64QAM      | 8.34      | 12.95      | 15.58        | 15.59      |
|                                           | 100      | CP       | QPSK       | 9.44      | 13.91      | 16.01        | 15.9       |
|                                           | 100      | CP       | 16QAM      | 8.52      | 12.94      | 15.3         | 15.14      |
|                                           | 100      | CP       | 64QAM      | 5.77      | 10.45      | 12.81        | 12.83      |



| NR Band n258a Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Middle                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 11.41     | 14.05      | 15.13     | 15.01      |
|                                           | 50       | DFT-S    | QPSK       | 12.75     | 15.43      | 16.4      | 17.67      |
|                                           | 50       | DFT-S    | 16QAM      | 11.22     | 13.82      | 16.21     | 15.94      |
|                                           | 50       | DFT-S    | 64QAM      | 9.52      | 12.05      | 14.18     | 13.94      |
|                                           | 50       | CP       | QPSK       | 10.64     | 13.13      | 14.61     | 14.53      |
|                                           | 50       | CP       | 16QAM      | 9.67      | 12.2       | 13.81     | 13.75      |
|                                           | 50       | CP       | 64QAM      | 7.04      | 9.72       | 11.54     | 11.61      |
|                                           | 100      | DFT-S    | BPSK       | 10.3      | 14.23      | 15.01     | 14.93      |
|                                           | 100      | DFT-S    | QPSK       | 11.62     | 15.6       | 16.32     | 17.21      |
|                                           | 100      | DFT-S    | 16QAM      | 10.18     | 14.06      | 16.02     | 16         |
|                                           | 100      | DFT-S    | 64QAM      | 8.26      | 12.19      | 14.03     | 13.87      |
|                                           | 100      | CP       | QPSK       | 9.5       | 13.18      | 14.51     | 14.52      |
|                                           | 100      | CP       | 16QAM      | 8.53      | 12.4       | 13.74     | 13.8       |
|                                           | 100      | CP       | 64QAM      | 5.88      | 10.01      | 11.5      | 11.54      |



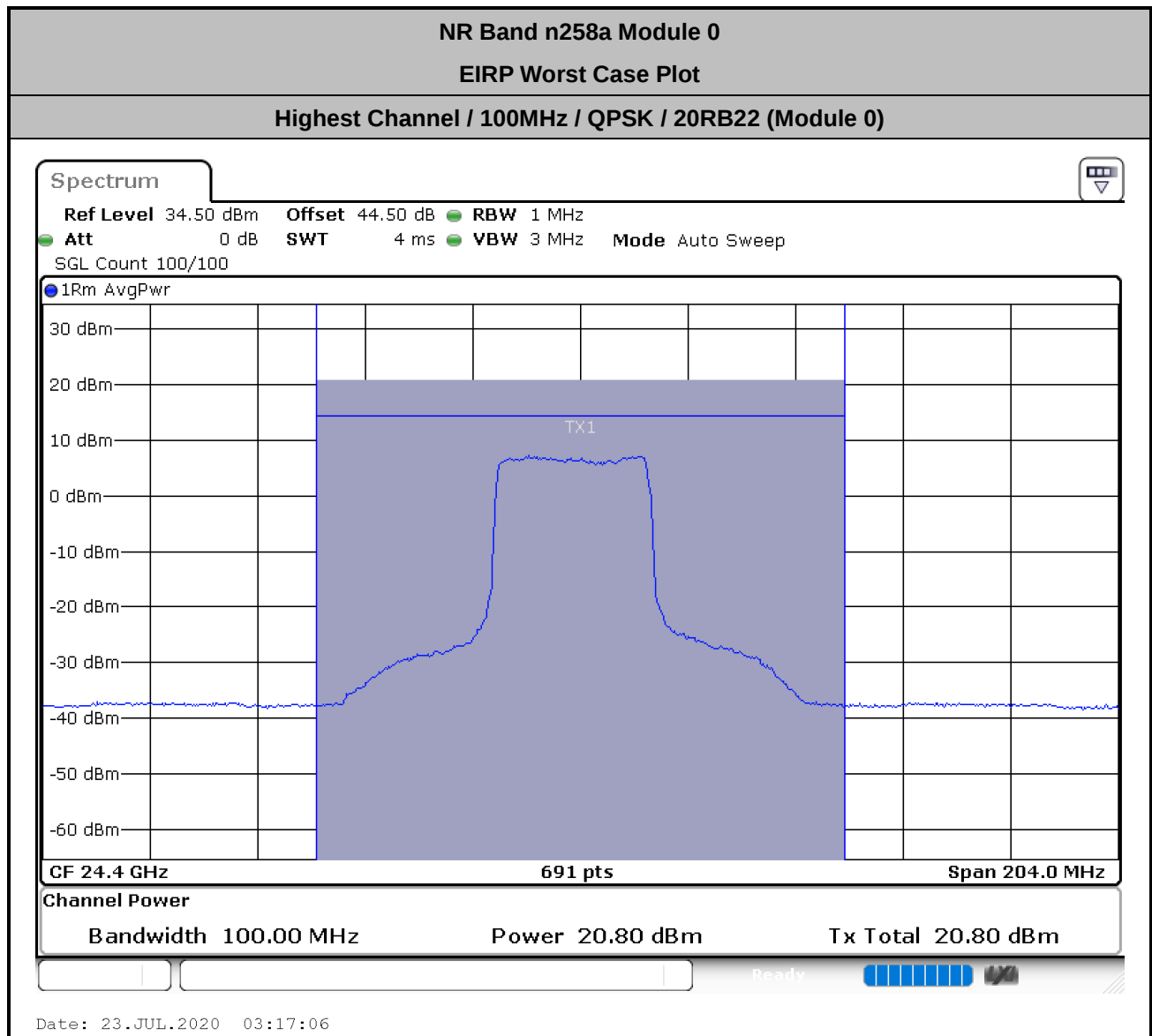
| NR Band n258a Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Highest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 12.65     | 15.02      | 16.48     | 16.22      |
|                                           | 50       | DFT-S    | QPSK       | 13.95     | 16.45      | 17.79     | 17.63      |
|                                           | 50       | DFT-S    | 16QAM      | 12.44     | 14.82      | 17.57     | 17.25      |
|                                           | 50       | DFT-S    | 64QAM      | 10.7      | 12.97      | 15.47     | 15.17      |
|                                           | 50       | CP       | QPSK       | 11.9      | 14.19      | 16.03     | 15.7       |
|                                           | 50       | CP       | 16QAM      | 10.93     | 13.27      | 15.24     | 14.93      |
|                                           | 50       | CP       | 64QAM      | 8.4       | 10.82      | 12.95     | 12.76      |
|                                           | 100      | DFT-S    | BPSK       | 9.07      | 14         | 15.56     | 15.49      |
|                                           | 100      | DFT-S    | QPSK       | 10.47     | 15.45      | 16.88     | 17.82      |
|                                           | 100      | DFT-S    | 16QAM      | 8.91      | 13.8       | 16.71     | 16.54      |
|                                           | 100      | DFT-S    | 64QAM      | 6.65      | 11.95      | 14.21     | 14.47      |
|                                           | 100      | CP       | QPSK       | 7.96      | 12.98      | 14.85     | 14.94      |
|                                           | 100      | CP       | 16QAM      | 7.28      | 12.04      | 14.44     | 14.21      |
|                                           | 100      | CP       | 64QAM      | 4.51      | 9.55       | 11.84     | 11.87      |



| NR Band n258a Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Lowest                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.61     | 16.49      | 18.77     | 18.08      |
|                                                | 50       | CP       | 16QAM      | 12.62     | 15.38      | 17.59     | 17.55      |
|                                                | 50       | CP       | 64QAM      | 9.95      | 12.96      | 15.51     | 15.33      |
|                                                | 100      | CP       | QPSK       | 12.39     | 16.2       | 18.53     | 18.07      |
|                                                | 100      | CP       | 16QAM      | 10.96     | 15.11      | 18.15     | 17.39      |
|                                                | 100      | CP       | 64QAM      | 8.43      | 12.73      | 15.9      | 15.22      |

| NR Band n258a Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Middle                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.24     | 16.05      | 17.23     | 17.4       |
|                                                | 50       | CP       | 16QAM      | 12.48     | 15.03      | 16.86     | 16.79      |
|                                                | 50       | CP       | 64QAM      | 9.78      | 12.67      | 14.67     | 14.61      |
|                                                | 100      | CP       | QPSK       | 12.17     | 16.24      | 17.45     | 17.46      |
|                                                | 100      | CP       | 16QAM      | 11.48     | 15.22      | 16.61     | 16.79      |
|                                                | 100      | CP       | 64QAM      | 8.89      | 12.71      | 13.9      | 14.6       |

| NR Band n258a Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |              |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |              |            |
| Highest                                        | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                                | 50       | CP       | QPSK       | 15.77     | 17.54      | <b>19.79</b> | 19.18      |
|                                                | 50       | CP       | 16QAM      | 14.77     | 16.46      | 19.16        | 18.57      |
|                                                | 50       | CP       | 64QAM      | 12.05     | 14.1       | 16.81        | 16.34      |
|                                                | 100      | CP       | QPSK       | 12.15     | 16.96      | 19.24        | 19.19      |
|                                                | 100      | CP       | 16QAM      | 11.16     | 15.73      | 18.72        | 18.5       |
|                                                | 100      | CP       | 64QAM      | 8.3       | 13.39      | 16.16        | 16.35      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 40.5 + 1.8 + 107 + 20\log(1) - 104.8 \\ &= 44.5 \text{ (dB)}\end{aligned}$$

**NR Band n258a Module 1**

| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 13.46     | 17.4       | 17.51     | 17.15      |
|                                          | 50       | DFT-S    | QPSK       | 14.85     | 17.34      | 18.85     | 18.49      |
|                                          | 50       | DFT-S    | 16QAM      | 13.03     | 15.63      | 18.18     | 17.88      |
|                                          | 50       | DFT-S    | 64QAM      | 10.82     | 13.48      | 16.21     | 15.89      |
|                                          | 50       | CP       | QPSK       | 12.38     | 14.97      | 17.11     | 16.76      |
|                                          | 50       | CP       | 16QAM      | 11.54     | 13.86      | 16.5      | 16.1       |
|                                          | 50       | CP       | 64QAM      | 8.78      | 11.21      | 14.28     | 13.78      |
|                                          | 100      | DFT-S    | BPSK       | 12.64     | 16.16      | 17.32     | 17.15      |
|                                          | 100      | DFT-S    | QPSK       | 14.11     | 17.39      | 18.66     | 18.43      |
|                                          | 100      | DFT-S    | 16QAM      | 12.25     | 15.6       | 18.14     | 17.95      |
|                                          | 100      | DFT-S    | 64QAM      | 10.05     | 13.5       | 16.19     | 16.05      |
|                                          | 100      | CP       | QPSK       | 11.83     | 14.94      | 17        | 16.73      |
|                                          | 100      | CP       | 16QAM      | 10.91     | 13.85      | 16.4      | 16.08      |
|                                          | 100      | CP       | 64QAM      | 8.21      | 11.28      | 14.12     | 13.81      |



| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Middle                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 14.28     | 16.94      | 18.31     | 18.14      |
|                                          | 50       | DFT-S    | QPSK       | 15.73     | 18.27      | 19.72     | 19.45      |
|                                          | 50       | DFT-S    | 16QAM      | 14.08     | 16.6       | 19.24     | 18.88      |
|                                          | 50       | DFT-S    | 64QAM      | 11.73     | 14.45      | 17.26     | 16.97      |
|                                          | 50       | CP       | QPSK       | 13.32     | 15.87      | 17.98     | 17.7       |
|                                          | 50       | CP       | 16QAM      | 12.4      | 14.77      | 17.41     | 17.09      |
|                                          | 50       | CP       | 64QAM      | 9.69      | 12.15      | 15.19     | 14.73      |
|                                          | 100      | DFT-S    | BPSK       | 12.49     | 16.84      | 18.54     | 18.46      |
|                                          | 100      | DFT-S    | QPSK       | 13.92     | 18.17      | 19.91     | 19.75      |
|                                          | 100      | DFT-S    | 16QAM      | 12.1      | 16.46      | 19.41     | 19.33      |
|                                          | 100      | DFT-S    | 64QAM      | 9.91      | 14.39      | 17.52     | 17.37      |
|                                          | 100      | CP       | QPSK       | 11.6      | 15.78      | 18.19     | 17.98      |
|                                          | 100      | CP       | 16QAM      | 10.71     | 14.67      | 17.64     | 17.37      |
|                                          | 100      | CP       | 64QAM      | 8.03      | 12.15      | 15.36     | 15.12      |



| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |           |              |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|--------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |              |
| Highest                                  | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full   |
|                                          | 50       | DFT-S    | BPSK       | 19.3      | 19.72      | 20.77     | 20.93        |
|                                          | 50       | DFT-S    | QPSK       | 19.21     | 19.68      | 20.7      | <b>20.94</b> |
|                                          | 50       | DFT-S    | 16QAM      | 17.41     | 18.02      | 19.58     | 19.88        |
|                                          | 50       | DFT-S    | 64QAM      | 15.44     | 15.99      | 17.27     | 17.86        |
|                                          | 50       | CP       | QPSK       | 17.73     | 17.8       | 19.37     | 18.92        |
|                                          | 50       | CP       | 16QAM      | 15.53     | 16.56      | 17.18     | 17.85        |
|                                          | 50       | CP       | 64QAM      | 12.97     | 13.74      | 15.18     | 15.85        |
|                                          | 100      | DFT-S    | BPSK       | 19.49     | 19.5       | 19.97     | 20.29        |
|                                          | 100      | DFT-S    | QPSK       | 19.45     | 19.5       | 20.02     | 20.08        |
|                                          | 100      | DFT-S    | 16QAM      | 19.39     | 17.83      | 18.96     | 19.23        |
|                                          | 100      | DFT-S    | 64QAM      | 15.63     | 15.67      | 16.6      | 16.95        |
|                                          | 100      | CP       | QPSK       | 17.75     | 17.18      | 18.34     | 18.36        |
|                                          | 100      | CP       | 16QAM      | 15.61     | 16.04      | 16.28     | 17.14        |
|                                          | 100      | CP       | 64QAM      | 13.23     | 13.39      | 14.54     | 14.79        |



| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Lowest                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 11.66     | 14.76      | 16.28     | 16.1       |
|                                           | 50       | DFT-S    | QPSK       | 12.99     | 16.15      | 17.51     | 17.45      |
|                                           | 50       | DFT-S    | 16QAM      | 11.25     | 14.64      | 16.91     | 16.81      |
|                                           | 50       | DFT-S    | 64QAM      | 8.94      | 12.61      | 14.74     | 14.84      |
|                                           | 50       | CP       | QPSK       | 11.07     | 14.07      | 15.61     | 15.37      |
|                                           | 50       | CP       | 16QAM      | 10.08     | 13.25      | 14.74     | 14.39      |
|                                           | 50       | CP       | 64QAM      | 7.32      | 10.81      | 12.49     | 12.44      |
|                                           | 100      | DFT-S    | BPSK       | 10.66     | 14.75      | 16.7      | 16.53      |
|                                           | 100      | DFT-S    | QPSK       | 11.93     | 16.15      | 17.77     | 17.96      |
|                                           | 100      | DFT-S    | 16QAM      | 10.44     | 14.62      | 17.16     | 17.29      |
|                                           | 100      | DFT-S    | 64QAM      | 8.43      | 12.58      | 15.14     | 15.26      |
|                                           | 100      | CP       | QPSK       | 9.71      | 13.67      | 15.73     | 15.64      |
|                                           | 100      | CP       | 16QAM      | 8.86      | 12.63      | 15.17     | 14.79      |
|                                           | 100      | CP       | 64QAM      | 6.05      | 10.18      | 12.91     | 12.78      |



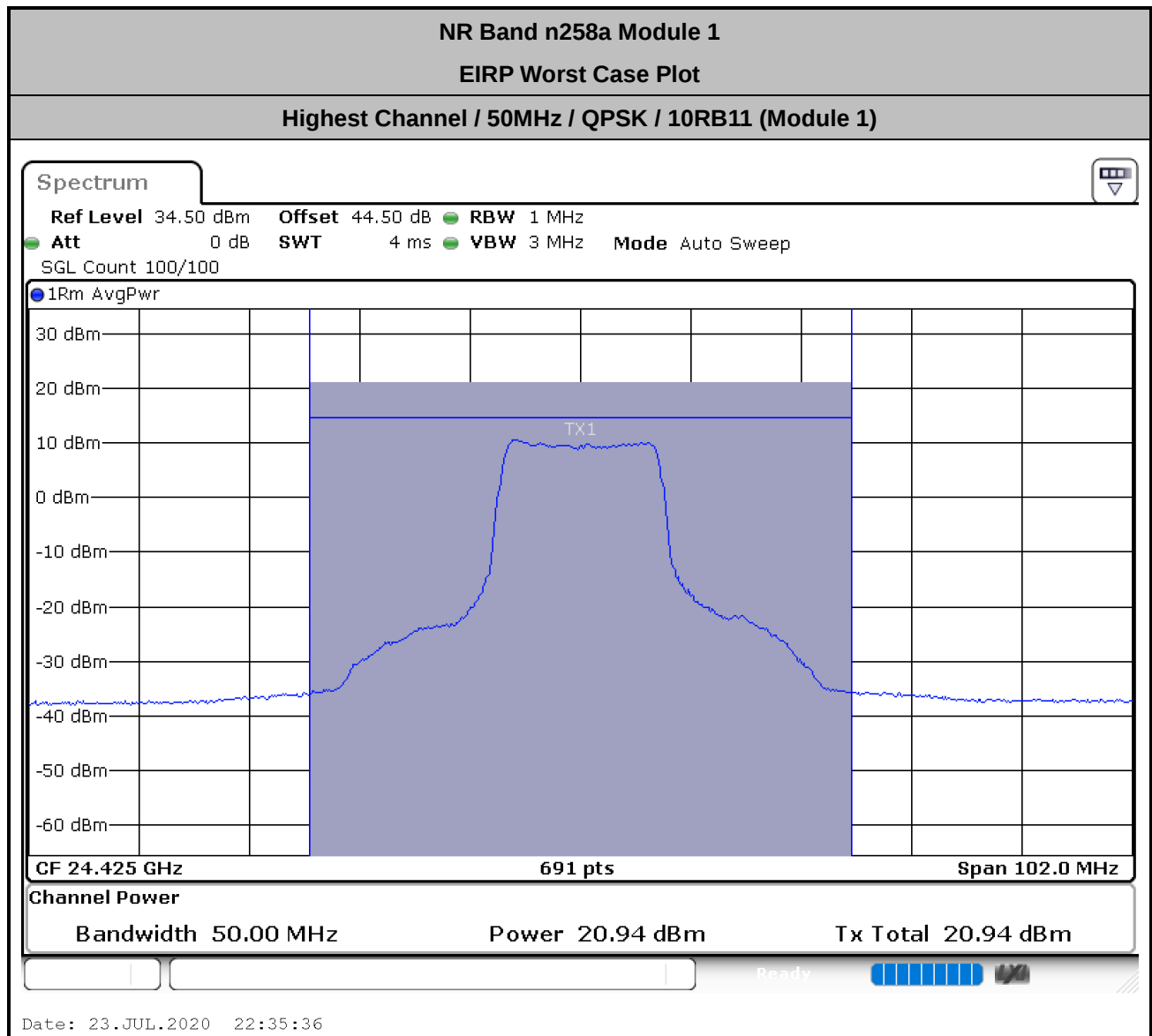
| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Middle                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 12.12     | 14.84      | 16.02     | 15.92      |
|                                           | 50       | DFT-S    | QPSK       | 13.42     | 16.17      | 17.27     | 17.26      |
|                                           | 50       | DFT-S    | 16QAM      | 11.92     | 14.62      | 16.56     | 16.73      |
|                                           | 50       | DFT-S    | 64QAM      | 9.82      | 12.62      | 14.55     | 14.72      |
|                                           | 50       | CP       | QPSK       | 11.21     | 13.81      | 15.2      | 15.25      |
|                                           | 50       | CP       | 16QAM      | 10.57     | 12.86      | 14.82     | 14.42      |
|                                           | 50       | CP       | 64QAM      | 7.52      | 10.43      | 12.25     | 12.29      |
|                                           | 100      | DFT-S    | BPSK       | 11.08     | 14.69      | 15.49     | 15.51      |
|                                           | 100      | DFT-S    | QPSK       | 12.5      | 16.03      | 16.82     | 16.82      |
|                                           | 100      | DFT-S    | 16QAM      | 10.58     | 14.48      | 16.01     | 16.16      |
|                                           | 100      | DFT-S    | 64QAM      | 8.92      | 12.52      | 14.34     | 14.26      |
|                                           | 100      | CP       | QPSK       | 10.09     | 13.68      | 14.86     | 14.92      |
|                                           | 100      | CP       | 16QAM      | 8.89      | 12.71      | 13.93     | 14.05      |
|                                           | 100      | CP       | 64QAM      | 6.62      | 10.27      | 11.99     | 12.11      |

| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |           |              |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|--------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |              |
| Highest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full   |
|                                           | 50       | DFT-S    | BPSK       | 13.48     | 15.85      | 17.34     | 17.21        |
|                                           | 50       | DFT-S    | QPSK       | 15.63     | 17.22      | 18.73     | <b>19.15</b> |
|                                           | 50       | DFT-S    | 16QAM      | 14.05     | 15.73      | 18.1      | 18.04        |
|                                           | 50       | DFT-S    | 64QAM      | 11.79     | 13.8       | 16.07     | 15.97        |
|                                           | 50       | CP       | QPSK       | 13.04     | 15.23      | 17.14     | 16.72        |
|                                           | 50       | CP       | 16QAM      | 12.12     | 14.35      | 16.25     | 15.91        |
|                                           | 50       | CP       | 64QAM      | 9.77      | 11.91      | 14.26     | 13.89        |
|                                           | 100      | DFT-S    | BPSK       | 12.03     | 17.32      | 17.69     | 17.63        |
|                                           | 100      | DFT-S    | QPSK       | 12.53     | 17.35      | 18.96     | 18.94        |
|                                           | 100      | DFT-S    | 16QAM      | 11.16     | 15.81      | 18.27     | 18.41        |
|                                           | 100      | DFT-S    | 64QAM      | 8.84      | 13.88      | 16.14     | 16.36        |
|                                           | 100      | CP       | QPSK       | 11.55     | 14.37      | 16.67     | 16.32        |
|                                           | 100      | CP       | 16QAM      | 10.45     | 13.33      | 15.74     | 15.93        |
|                                           | 100      | CP       | 64QAM      | 8.07      | 10.95      | 13.84     | 13.46        |

| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Lowest                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 12.16     | 14.99      | 16.78     | 17.09      |
|                                                | 50       | CP       | 16QAM      | 11.28     | 13.75      | 16.33     | 15.79      |
|                                                | 50       | CP       | 64QAM      | 8.57      | 11.32      | 13.96     | 13.87      |
|                                                | 100      | CP       | QPSK       | 10.4      | 14.26      | 16.74     | 16.23      |
|                                                | 100      | CP       | 16QAM      | 9         | 13.24      | 15.55     | 15.43      |
|                                                | 100      | CP       | 64QAM      | 7.02      | 10.77      | 14.98     | 13.42      |

| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Middle                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 12.63     | 14.67      | 16.61     | 16.15      |
|                                                | 50       | CP       | 16QAM      | 11.37     | 13.7       | 15.46     | 15.42      |
|                                                | 50       | CP       | 64QAM      | 8.95      | 11.33      | 13.7      | 13.23      |
|                                                | 100      | CP       | QPSK       | 10.82     | 14.42      | 15.87     | 15.87      |
|                                                | 100      | CP       | 16QAM      | 9.46      | 13.44      | 14.79     | 15.03      |
|                                                | 100      | CP       | 64QAM      | 7.07      | 10.94      | 13.12     | 13.15      |

| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |             |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-------------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |             |            |
| Highest                                        | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB   | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.96     | 15.75      | <b>18.1</b> | 17.33      |
|                                                | 50       | CP       | 16QAM      | 12.74     | 14.76      | 17.06       | 16.71      |
|                                                | 50       | CP       | 64QAM      | 10.44     | 12.34      | 15.27       | 14.53      |
|                                                | 100      | CP       | QPSK       | 11.05     | 15.26      | 17.68       | 17.13      |
|                                                | 100      | CP       | 16QAM      | 9.66      | 14.27      | 16.37       | 16.36      |
|                                                | 100      | CP       | 64QAM      | 7.65      | 11.84      | 14.97       | 14.44      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 40.5 + 1.8 + 107 + 20\log(1) - 104.8 \\ &= 44.5 \text{ (dB)}\end{aligned}$$

**NR Band n258b Module 0**

| NR Band n258b Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 13.66     | 16.81      | 17.76     | 17.72      |
|                                          | 50       | DFT-S    | QPSK       | 15.07     | 17.76      | 19.1      | 18.99      |
|                                          | 50       | DFT-S    | 16QAM      | 13.37     | 16.35      | 18.32     | 18.23      |
|                                          | 50       | DFT-S    | 64QAM      | 12.12     | 14.39      | 16.98     | 16.46      |
|                                          | 50       | CP       | QPSK       | 13.57     | 16.4       | 18.12     | 17.85      |
|                                          | 50       | CP       | 16QAM      | 12.7      | 15.39      | 17.55     | 17.11      |
|                                          | 50       | CP       | 64QAM      | 10.22     | 12.88      | 15.68     | 15.12      |
|                                          | 100      | DFT-S    | BPSK       | 14.17     | 18.24      | 19.9      | 19.71      |
|                                          | 100      | DFT-S    | QPSK       | 15.53     | 19.55      | 21.18     | 21.07      |
|                                          | 100      | DFT-S    | 16QAM      | 13.93     | 18.03      | 20.37     | 20.3       |
|                                          | 100      | DFT-S    | 64QAM      | 12.27     | 16.07      | 18.89     | 18.43      |
|                                          | 100      | CP       | QPSK       | 14.01     | 17.58      | 19.3      | 19.13      |
|                                          | 100      | CP       | 16QAM      | 13.13     | 16.64      | 18.4      | 18.28      |
|                                          | 100      | CP       | 64QAM      | 10.67     | 14.14      | 16.9      | 16.27      |

Note :

| NR Band n258b Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |              |            |
|------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |              |            |
| Middle                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 12.77     | 15.95      | 17.97        | 17.8       |
|                                          | 50       | DFT-S    | QPSK       | 14.11     | 17.03      | 19.29        | 19.21      |
|                                          | 50       | DFT-S    | 16QAM      | 12.7      | 15.81      | 17.61        | 17.66      |
|                                          | 50       | DFT-S    | 64QAM      | 10.41     | 13.77      | 15.62        | 15.64      |
|                                          | 50       | CP       | QPSK       | 12.2      | 15.32      | 16.38        | 16.31      |
|                                          | 50       | CP       | 16QAM      | 11.27     | 14.31      | 15.84        | 15.55      |
|                                          | 50       | CP       | 64QAM      | 8.79      | 11.69      | 13.83        | 13.41      |
|                                          | 100      | DFT-S    | BPSK       | 14.59     | 18.78      | 20.16        | 20.08      |
|                                          | 100      | DFT-S    | QPSK       | 16.01     | 20.2       | <b>21.53</b> | 21.51      |
|                                          | 100      | DFT-S    | 16QAM      | 14.37     | 18.6       | 20.8         | 20.88      |
|                                          | 100      | DFT-S    | 64QAM      | 12.18     | 16.66      | 18.86        | 18.82      |
|                                          | 100      | CP       | QPSK       | 13.65     | 17.98      | 19.6         | 19.55      |
|                                          | 100      | CP       | 16QAM      | 13.17     | 16.98      | 19.05        | 18.73      |
|                                          | 100      | CP       | 64QAM      | 10.55     | 14.4       | 17.13        | 16.66      |



| NR Band n258b Module 0 AG0 (Beam ID: 20) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 14.32     | 16.02      | 18.12     | 17.91      |
|                                          | 50       | DFT-S    | QPSK       | 15.67     | 16.94      | 19.48     | 19.28      |
|                                          | 50       | DFT-S    | 16QAM      | 14.23     | 15.4       | 18.39     | 18.36      |
|                                          | 50       | DFT-S    | 64QAM      | 12.27     | 13.24      | 16.47     | 16.29      |
|                                          | 50       | CP       | QPSK       | 13.72     | 14.74      | 17.24     | 16.9       |
|                                          | 50       | CP       | 16QAM      | 11.91     | 13.65      | 16.67     | 16.07      |
|                                          | 50       | CP       | 64QAM      | 9.41      | 11.05      | 14.7      | 13.89      |
|                                          | 100      | DFT-S    | BPSK       | 12.42     | 16.36      | 18.32     | 17.83      |
|                                          | 100      | DFT-S    | QPSK       | 13.77     | 17.7       | 19.63     | 19.2       |
|                                          | 100      | DFT-S    | 16QAM      | 12.28     | 16.25      | 19.02     | 18.61      |
|                                          | 100      | DFT-S    | 64QAM      | 10.3      | 14.25      | 17.06     | 16.65      |
|                                          | 100      | CP       | QPSK       | 11.88     | 15.51      | 17.76     | 17.18      |
|                                          | 100      | CP       | 16QAM      | 11.15     | 14.42      | 17.23     | 16.34      |
|                                          | 100      | CP       | 64QAM      | 8.51      | 11.87      | 15.25     | 14.29      |

| NR Band n258b Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Lowest                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 11.72     | 14.66      | 16.47     | 16.24      |
|                                           | 50       | DFT-S    | QPSK       | 13.02     | 16.09      | 17.77     | 17.7       |
|                                           | 50       | DFT-S    | 16QAM      | 11.52     | 14.62      | 17.08     | 17.17      |
|                                           | 50       | DFT-S    | 64QAM      | 9.49      | 12.43      | 15.28     | 15.18      |
|                                           | 50       | CP       | QPSK       | 11.03     | 13.85      | 16.03     | 15.8       |
|                                           | 50       | CP       | 16QAM      | 9.93      | 12.72      | 15.4      | 14.99      |
|                                           | 50       | CP       | 64QAM      | 7.49      | 10.18      | 13.3      | 12.72      |
|                                           | 100      | DFT-S    | BPSK       | 11.93     | 15.75      | 17.68     | 17.34      |
|                                           | 100      | DFT-S    | QPSK       | 13.21     | 17.11      | 18.96     | 18.69      |
|                                           | 100      | DFT-S    | 16QAM      | 11.56     | 15.63      | 18.36     | 18.18      |
|                                           | 100      | DFT-S    | 64QAM      | 9.63      | 13.51      | 16.44     | 16.2       |
|                                           | 100      | CP       | QPSK       | 11.05     | 14.76      | 17.18     | 16.93      |
|                                           | 100      | CP       | 16QAM      | 9.93      | 13.52      | 16.62     | 16.05      |
|                                           | 100      | CP       | 64QAM      | 7.23      | 10.92      | 14.5      | 13.83      |



| NR Band n258b Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Middle                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 10.67     | 13.11      | 14.45     | 14.21      |
|                                           | 50       | DFT-S    | QPSK       | 12.08     | 14.47      | 15.82     | 15.63      |
|                                           | 50       | DFT-S    | 16QAM      | 10.54     | 13.08      | 15.23     | 15.27      |
|                                           | 50       | DFT-S    | 64QAM      | 8.39      | 10.94      | 13.47     | 13.27      |
|                                           | 50       | CP       | QPSK       | 9.94      | 12.17      | 14.18     | 13.94      |
|                                           | 50       | CP       | 16QAM      | 9.23      | 11.36      | 13.57     | 13.15      |
|                                           | 50       | CP       | 64QAM      | 6.73      | 8.81       | 11.38     | 10.74      |
|                                           | 100      | DFT-S    | BPSK       | 11.02     | 15.56      | 16.87     | 16.91      |
|                                           | 100      | DFT-S    | QPSK       | 12.41     | 16.89      | 18.4      | 18.48      |
|                                           | 100      | DFT-S    | 16QAM      | 10.81     | 15.43      | 18.16     | 17.83      |
|                                           | 100      | DFT-S    | 64QAM      | 8.66      | 13.42      | 16.2      | 15.93      |
|                                           | 100      | CP       | QPSK       | 10.38     | 14.85      | 16.74     | 16.89      |
|                                           | 100      | CP       | 16QAM      | 9.73      | 13.96      | 15.84     | 15.96      |
|                                           | 100      | CP       | 64QAM      | 7.13      | 11.39      | 13.85     | 13.6       |

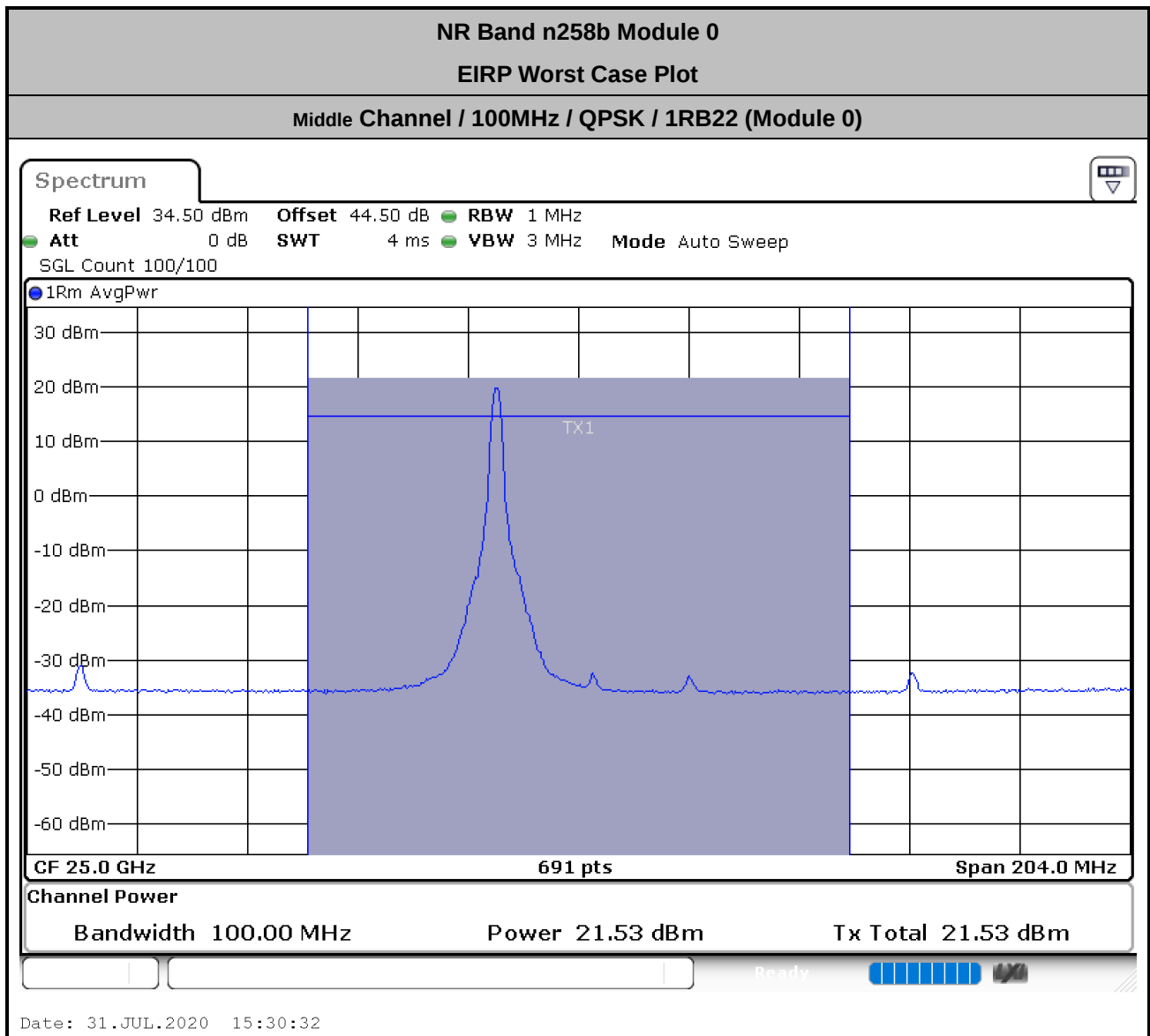


| NR Band n258b Module 0 AG1 (Beam ID: 146) |          |          |            |           |            |              |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |              |            |
| Highest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 13.17     | 15.53      | 16.95        | 16.77      |
|                                           | 50       | DFT-S    | QPSK       | 14.45     | 16.96      | 18.3         | 18.23      |
|                                           | 50       | DFT-S    | 16QAM      | 13.1      | 15.43      | 18.03        | 17.8       |
|                                           | 50       | DFT-S    | 64QAM      | 11.59     | 13.36      | 16.52        | 15.81      |
|                                           | 50       | CP       | QPSK       | 12.24     | 14.66      | 16.65        | 16.56      |
|                                           | 50       | CP       | 16QAM      | 11.63     | 13.85      | 16.09        | 15.68      |
|                                           | 50       | CP       | 64QAM      | 9.09      | 11.2       | 13.86        | 13.25      |
|                                           | 100      | DFT-S    | BPSK       | 13.55     | 18.13      | 18.56        | 18.37      |
|                                           | 100      | DFT-S    | QPSK       | 13.81     | 19.51      | <b>19.97</b> | 19.81      |
|                                           | 100      | DFT-S    | 16QAM      | 13.55     | 17.65      | 19.75        | 19.25      |
|                                           | 100      | DFT-S    | 64QAM      | 11.94     | 15.61      | 18.12        | 17.35      |
|                                           | 100      | CP       | QPSK       | 12.96     | 17.23      | 18.39        | 18.17      |
|                                           | 100      | CP       | 16QAM      | 12.12     | 16.28      | 17.74        | 17.35      |
|                                           | 100      | CP       | 64QAM      | 9.45      | 13.61      | 15.51        | 14.98      |

| NR Band n258b Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Lowest                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.16     | 15.7       | 18.04     | 17.39      |
|                                                | 50       | CP       | 16QAM      | 12.02     | 14.73      | 16.91     | 16.91      |
|                                                | 50       | CP       | 64QAM      | 9.2       | 12.3       | 14.58     | 14.8       |
|                                                | 100      | CP       | QPSK       | 12.95     | 15.98      | 18.79     | 18.58      |
|                                                | 100      | CP       | 16QAM      | 11.21     | 14.95      | 17.46     | 17.71      |
|                                                | 100      | CP       | 64QAM      | 8.52      | 12.76      | 15.57     | 15.46      |

| NR Band n258b Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Middle                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 12.75     | 14.33      | 16.31     | 16.19      |
|                                                | 50       | CP       | 16QAM      | 11.06     | 13.46      | 15.42     | 15.36      |
|                                                | 50       | CP       | 64QAM      | 8.92      | 11.03      | 13.78     | 13.08      |
|                                                | 100      | CP       | QPSK       | 12.9      | 16.72      | 18.99     | 18.93      |
|                                                | 100      | CP       | 16QAM      | 11.43     | 15.72      | 17.81     | 17.96      |
|                                                | 100      | CP       | 64QAM      | 8.61      | 13.03      | 16.15     | 16         |

| NR Band n258b Module 0 AG0+1 (Beam ID: 20+146) |          |          |            |           |            |              |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |              |            |
| Highest                                        | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                                | 50       | CP       | QPSK       | 14.95     | 16.49      | 18.25        | 18.37      |
|                                                | 50       | CP       | 16QAM      | 13.72     | 15.42      | 17.7         | 17.48      |
|                                                | 50       | CP       | 64QAM      | 11.44     | 12.92      | 15.97        | 15.18      |
|                                                | 100      | CP       | QPSK       | 13.75     | 17.52      | <b>20.49</b> | 19.5       |
|                                                | 100      | CP       | 16QAM      | 12.75     | 16.5       | 19.13        | 18.6       |
|                                                | 100      | CP       | 64QAM      | 10.34     | 13.95      | 17.44        | 16.63      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 40.5 + 1.8 + 107 + 20\log(1) - 104.8 \\ &= 44.5 \text{ (dB)}\end{aligned}$$

**NR Band n258b Module 1**

| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 13.93     | 15.98      | 18.58     | 18.15      |
|                                          | 50       | DFT-S    | QPSK       | 15.69     | 17.26      | 19.88     | 19.43      |
|                                          | 50       | DFT-S    | 16QAM      | 14.03     | 15.72      | 18.55     | 17.78      |
|                                          | 50       | DFT-S    | 64QAM      | 12.34     | 13.9       | 16.07     | 15.92      |
|                                          | 50       | CP       | QPSK       | 13.62     | 15.2       | 17.04     | 16.56      |
|                                          | 50       | CP       | 16QAM      | 12.77     | 14.27      | 16.17     | 15.77      |
|                                          | 50       | CP       | 64QAM      | 10.04     | 11.89      | 14.17     | 13.84      |
|                                          | 100      | DFT-S    | BPSK       | 12.66     | 16.29      | 17.28     | 17.59      |
|                                          | 100      | DFT-S    | QPSK       | 14.02     | 17.5       | 18.65     | 19.41      |
|                                          | 100      | DFT-S    | 16QAM      | 12.38     | 15.99      | 17.85     | 18.17      |
|                                          | 100      | DFT-S    | 64QAM      | 10.74     | 14.18      | 16.24     | 16.17      |
|                                          | 100      | CP       | QPSK       | 12.04     | 15.33      | 16.76     | 16.95      |
|                                          | 100      | CP       | 16QAM      | 11.25     | 14.39      | 16.12     | 16.19      |
|                                          | 100      | CP       | 64QAM      | 8.44      | 11.97      | 13.87     | 14.17      |



| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |              |            |
|------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |              |            |
| Middle                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 14.89     | 17.36      | 18.82        | 18.7       |
|                                          | 50       | DFT-S    | QPSK       | 16.12     | 18.74      | <b>20.13</b> | 19.97      |
|                                          | 50       | DFT-S    | 16QAM      | 14.58     | 17.11      | 19.45        | 19.39      |
|                                          | 50       | DFT-S    | 64QAM      | 12.7      | 15.02      | 17.86        | 17.48      |
|                                          | 50       | CP       | QPSK       | 14.1      | 16.41      | 18.23        | 18.01      |
|                                          | 50       | CP       | 16QAM      | 13.06     | 15.28      | 17.7         | 17.32      |
|                                          | 50       | CP       | 64QAM      | 10.26     | 12.83      | 15.29        | 15.13      |
|                                          | 100      | DFT-S    | BPSK       | 13.69     | 17.45      | 18.8         | 18.7       |
|                                          | 100      | DFT-S    | QPSK       | 14.97     | 18.52      | 20.07        | 20.03      |
|                                          | 100      | DFT-S    | 16QAM      | 13.36     | 17.16      | 19.36        | 19.45      |
|                                          | 100      | DFT-S    | 64QAM      | 11.49     | 15.14      | 17.78        | 17.49      |
|                                          | 100      | CP       | QPSK       | 12.94     | 16.32      | 18.05        | 17.97      |
|                                          | 100      | CP       | 16QAM      | 11.79     | 15.18      | 17.48        | 17.28      |
|                                          | 100      | CP       | 64QAM      | 9.01      | 12.75      | 15.1         | 15.1       |

| NR Band n258a Module 1 AG0 (Beam ID: 23) |          |          |            |           |            |           |            |
|------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |            |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | BPSK       | 14.42     | 16.61      | 18.15     | 17.84      |
|                                          | 50       | DFT-S    | QPSK       | 15.58     | 17.97      | 19.47     | 19.04      |
|                                          | 50       | DFT-S    | 16QAM      | 13.99     | 16.32      | 18.75     | 18.62      |
|                                          | 50       | DFT-S    | 64QAM      | 12.14     | 14.24      | 17.26     | 16.65      |
|                                          | 50       | CP       | QPSK       | 13.52     | 15.6       | 17.48     | 17.12      |
|                                          | 50       | CP       | 16QAM      | 12.52     | 14.42      | 17.01     | 16.4       |
|                                          | 50       | CP       | 64QAM      | 9.71      | 11.99      | 14.55     | 14.25      |
|                                          | 100      | DFT-S    | BPSK       | 12.8      | 16.83      | 18.5      | 18.23      |
|                                          | 100      | DFT-S    | QPSK       | 14.17     | 18.21      | 19.73     | 19.53      |
|                                          | 100      | DFT-S    | 16QAM      | 12.54     | 16.54      | 19.05     | 19.04      |
|                                          | 100      | DFT-S    | 64QAM      | 10.6      | 14.47      | 17.51     | 17.08      |
|                                          | 100      | CP       | QPSK       | 12.01     | 15.71      | 17.76     | 17.54      |
|                                          | 100      | CP       | 16QAM      | 10.98     | 14.56      | 17.28     | 16.84      |
|                                          | 100      | CP       | 64QAM      | 8.1       | 12.11      | 14.85     | 14.61      |



| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |              |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |              |            |
| Lowest                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 12.77     | 15.72      | 18.01        | 17.85      |
|                                           | 50       | DFT-S    | QPSK       | 13.78     | 17.06      | 19.39        | 19.21      |
|                                           | 50       | DFT-S    | 16QAM      | 12.05     | 15.55      | 17.24        | 17.54      |
|                                           | 50       | DFT-S    | 64QAM      | 10.59     | 13.47      | 15.8         | 15.61      |
|                                           | 50       | CP       | QPSK       | 12.09     | 16.39      | 16.69        | 16.35      |
|                                           | 50       | CP       | 16QAM      | 11.36     | 15.35      | 15.93        | 15.5       |
|                                           | 50       | CP       | 64QAM      | 8.86      | 15.55      | 13.78        | 13.49      |
|                                           | 100      | DFT-S    | BPSK       | 11.16     | 15.29      | 18.27        | 18.12      |
|                                           | 100      | DFT-S    | QPSK       | 12.58     | 16.54      | <b>19.72</b> | 19.46      |
|                                           | 100      | DFT-S    | 16QAM      | 10.55     | 15.13      | 17.66        | 17.8       |
|                                           | 100      | DFT-S    | 64QAM      | 9.11      | 12.99      | 16.06        | 15.82      |
|                                           | 100      | CP       | QPSK       | 10.48     | 14.41      | 16.84        | 16.6       |
|                                           | 100      | CP       | 16QAM      | 9.5       | 13.89      | 16.09        | 15.74      |
|                                           | 100      | CP       | 64QAM      | 7.17      | 11.53      | 14           | 13.71      |



| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Middle                                    | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 10.86     | 12.9       | 16.2      | 15.87      |
|                                           | 50       | DFT-S    | QPSK       | 12.26     | 14.45      | 17.55     | 17.29      |
|                                           | 50       | DFT-S    | 16QAM      | 9.97      | 12.86      | 15.65     | 15.54      |
|                                           | 50       | DFT-S    | 64QAM      | 8.46      | 10.92      | 14.16     | 13.67      |
|                                           | 50       | CP       | QPSK       | 9.44      | 12.11      | 14.75     | 14.47      |
|                                           | 50       | CP       | 16QAM      | 8.73      | 10.99      | 13.89     | 13.71      |
|                                           | 50       | CP       | 64QAM      | 5.92      | 8.43       | 11.98     | 11.58      |
|                                           | 100      | DFT-S    | BPSK       | 11.13     | 15.36      | 16.89     | 16.78      |
|                                           | 100      | DFT-S    | QPSK       | 12.35     | 16.81      | 18.25     | 18.12      |
|                                           | 100      | DFT-S    | 16QAM      | 10.44     | 15.3       | 17.38     | 17.42      |
|                                           | 100      | DFT-S    | 64QAM      | 9.14      | 13.3       | 15.95     | 15.43      |
|                                           | 100      | CP       | QPSK       | 10.31     | 14.59      | 16.42     | 16.22      |
|                                           | 100      | CP       | 16QAM      | 9.04      | 13.59      | 15.74     | 15.37      |
|                                           | 100      | CP       | 64QAM      | 7.18      | 11.04      | 13.74     | 13.29      |



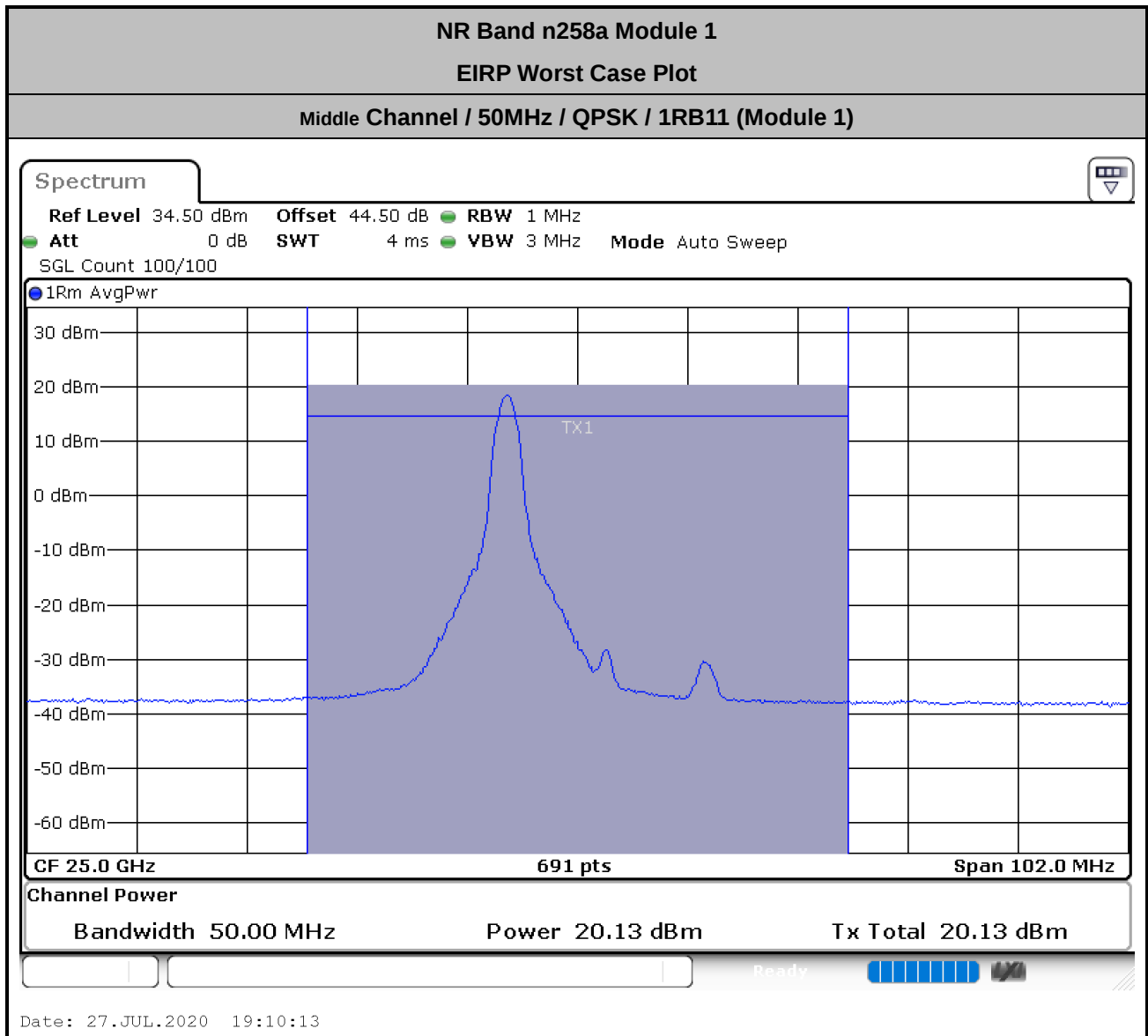
| NR Band n258a Module 1 AG1 (Beam ID: 153) |          |          |            |           |            |           |            |
|-------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                |          |          |            |           |            |           |            |
| Highest                                   | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                           | 50       | DFT-S    | BPSK       | 11.42     | 13.36      | 15.06     | 14.66      |
|                                           | 50       | DFT-S    | QPSK       | 12.76     | 14.83      | 16.31     | 16.1       |
|                                           | 50       | DFT-S    | 16QAM      | 11.35     | 13.36      | 15.63     | 15.33      |
|                                           | 50       | DFT-S    | 64QAM      | 9.61      | 11.3       | 13.76     | 13.39      |
|                                           | 50       | CP       | QPSK       | 10.78     | 12.64      | 14.23     | 13.88      |
|                                           | 50       | CP       | 16QAM      | 9.83      | 11.6       | 13.48     | 13.08      |
|                                           | 50       | CP       | 64QAM      | 7.43      | 9.08       | 11.61     | 11.04      |
|                                           | 100      | DFT-S    | BPSK       | 11.33     | 15.46      | 17.22     | 16.76      |
|                                           | 100      | DFT-S    | QPSK       | 12.66     | 16.8       | 18.44     | 18.16      |
|                                           | 100      | DFT-S    | 16QAM      | 11.25     | 15.34      | 17.77     | 17.39      |
|                                           | 100      | DFT-S    | 64QAM      | 9.51      | 13.38      | 16.12     | 15.53      |
|                                           | 100      | CP       | QPSK       | 10.89     | 14.35      | 16.67     | 16.18      |
|                                           | 100      | CP       | 16QAM      | 9.98      | 13.6       | 15.84     | 15.37      |
|                                           | 100      | CP       | 64QAM      | 7.48      | 11.08      | 14.04     | 13.35      |



| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |              |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |              |            |
| Lowest                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.01     | 15.98      | 17.79        | 17.83      |
|                                                | 50       | CP       | 16QAM      | 11.43     | 15.04      | 16.24        | 16.86      |
|                                                | 50       | CP       | 64QAM      | 9.9       | 12.78      | 15.22        | 15.02      |
|                                                | 100      | CP       | QPSK       | 13.38     | 17.46      | <b>19.25</b> | 18.88      |
|                                                | 100      | CP       | 16QAM      | 11.88     | 16.44      | 17.81        | 18.14      |
|                                                | 100      | CP       | 64QAM      | 10.23     | 14.08      | 16.65        | 16.18      |

| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Middle                                         | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 11.42     | 14.48      | 15.86     | 15.96      |
|                                                | 50       | CP       | 16QAM      | 9.75      | 13.36      | 14.6      | 15.14      |
|                                                | 50       | CP       | 64QAM      | 8.04      | 11.05      | 13.29     | 13.14      |
|                                                | 100      | CP       | QPSK       | 13.22     | 16.74      | 18.61     | 18.21      |
|                                                | 100      | CP       | 16QAM      | 11.74     | 15.65      | 17.67     | 17.61      |
|                                                | 100      | CP       | 64QAM      | 9.56      | 13.28      | 15.59     | 15.5       |

| NR Band n258a Module 1 AG0+1 (Beam ID: 23+153) |          |          |            |           |            |           |            |
|------------------------------------------------|----------|----------|------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                     |          |          |            |           |            |           |            |
| Highest                                        | BW [MHz] | Waveform | Modulation | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                                | 50       | CP       | QPSK       | 13.52     | 15.23      | 17.27     | 16.31      |
|                                                | 50       | CP       | 16QAM      | 12.02     | 14.01      | 16.35     | 15.98      |
|                                                | 50       | CP       | 64QAM      | 9.68      | 11.68      | 14.31     | 13.82      |
|                                                | 100      | CP       | QPSK       | 12.97     | 16.66      | 19.09     | 18.13      |
|                                                | 100      | CP       | 16QAM      | 11.47     | 15.53      | 18.16     | 17.66      |
|                                                | 100      | CP       | 64QAM      | 9.19      | 13.11      | 16.07     | 15.48      |



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

$$= 40.5 + 1.8 + 107 + 20\log(1) - 104.8$$

$$= 44.5 \text{ (dB)}$$



## NR Band n260 Module 0

| NR Band n260 Module 0 AG0 (Beam ID: 27) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Lowest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 16.18     | 18.99      | 21.41     | 21.3       |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 17.61     | 20.3       | 22.61     | 22.54      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 16.62     | 19.18      | 21.16     | 20.79      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 14.77     | 17.34      | 19.2      | 18.83      |
|                                         | 50       | CP       | <b>QPSK</b>  | 15.92     | 18.58      | 20.08     | 18.94      |
|                                         | 50       | CP       | <b>16QAM</b> | 15.01     | 17.88      | 19.06     | 18.15      |
|                                         | 50       | CP       | <b>64QAM</b> | 12.99     | 15.32      | 17.71     | 15.66      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 14.65     | 19.08      | 21.84     | 21.46      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 16.13     | 20.35      | 22.88     | 22.68      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 15.21     | 19.12      | 21.39     | 20.9       |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 13.25     | 17.23      | 19.48     | 18.99      |
|                                         | 100      | CP       | <b>QPSK</b>  | 14.15     | 18.48      | 20.19     | 19.72      |
|                                         | 100      | CP       | <b>16QAM</b> | 13.29     | 17.56      | 19.35     | 18.89      |
|                                         | 100      | CP       | <b>64QAM</b> | 11.39     | 15.15      | 17.82     | 16.99      |

| NR Band n260 Module 0 AG0 (Beam ID: 27) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Middle                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 17.07     | 19.58      | 20.9      | 21.32      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 18.04     | 21.73      | 22.26     | 22.13      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 16.61     | 19.84      | 20.82     | 20.36      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 14.97     | 17.56      | 18.82     | 18.34      |
|                                         | 50       | CP       | <b>QPSK</b>  | 16.06     | 18.23      | 20.03     | 19.57      |
|                                         | 50       | CP       | <b>16QAM</b> | 15.23     | 17.41      | 19.36     | 18.76      |
|                                         | 50       | CP       | <b>64QAM</b> | 12.32     | 14.85      | 17.05     | 16.76      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 14.3      | 18.59      | 21.3      | 21.07      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 17.01     | 20.02      | 22.51     | 22.68      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 14.15     | 18.53      | 20.89     | 20.82      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 13.43     | 16.53      | 19.08     | 18.86      |
|                                         | 100      | CP       | <b>QPSK</b>  | 15.16     | 18.4       | 20.09     | 20.1       |
|                                         | 100      | CP       | <b>16QAM</b> | 14.38     | 17.6       | 19.05     | 19.08      |
|                                         | 100      | CP       | <b>64QAM</b> | 12.58     | 15.47      | 17.68     | 17.08      |



| NR Band n260 Module 0 AG0 (Beam ID: 27) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Highest                                 | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 16.26     | 18.99      | 21.59     | 21.34      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 17.81     | 20.36      | 22.99     | 22.71      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 16.26     | 18.88      | 21.28     | 20.98      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 14.13     | 16.91      | 19.05     | 19         |
|                                         | 50       | CP       | <b>QPSK</b>  | 15.77     | 18.42      | 19.94     | 19.66      |
|                                         | 50       | CP       | <b>16QAM</b> | 14.6      | 17.28      | 18.83     | 18.73      |
|                                         | 50       | CP       | <b>64QAM</b> | 12.29     | 14.77      | 17.19     | 16.81      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 15.91     | 18.29      | 21.21     | 21.35      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 16.64     | 20.03      | 22.32     | 23.41      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 15.6      | 18.29      | 20.82     | 21.07      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 12.82     | 16.27      | 19.13     | 19.17      |
|                                         | 100      | CP       | <b>QPSK</b>  | 14.76     | 19.37      | 20.86     | 20.69      |
|                                         | 100      | CP       | <b>16QAM</b> | 13.78     | 18.04      | 19.99     | 19.8       |
|                                         | 100      | CP       | <b>64QAM</b> | 11.24     | 15.58      | 17.92     | 17.81      |

| NR Band n260 Module 0 AG1 (Beam ID: 155) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 13.4      | 16.47      | 18.96     | 18.96      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 14.91     | 17.81      | 20.46     | 20.26      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 14.05     | 16.5       | 19.09     | 18.52      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 11.53     | 14.39      | 16.65     | 16.46      |
|                                          | 50       | CP       | <b>QPSK</b>  | 13.16     | 15.83      | 17.62     | 17.45      |
|                                          | 50       | CP       | <b>16QAM</b> | 12.12     | 14.86      | 16.58     | 16.46      |
|                                          | 50       | CP       | <b>64QAM</b> | 9.49      | 12.36      | 14.36     | 14.4       |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 11.57     | 16.39      | 19.28     | 18.92      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 12.99     | 17.82      | 20.56     | 20.25      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 12.1      | 16.62      | 19.25     | 18.49      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 9.54      | 14.64      | 16.67     | 16.47      |
|                                          | 100      | CP       | <b>QPSK</b>  | 11.37     | 15.83      | 17.93     | 17.4       |
|                                          | 100      | CP       | <b>16QAM</b> | 10.38     | 14.77      | 16.49     | 16.43      |
|                                          | 100      | CP       | <b>64QAM</b> | 7.61      | 12.24      | 14.68     | 14.32      |

| NR Band n260 Module 0 AG1 (Beam ID: 155) |          |          |              |           |            |              |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |              |            |
| Middle                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 17.43     | 19.74      | 22.55        | 22.06      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 18.68     | 21.16      | <b>24.04</b> | 23.51      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 17.56     | 19.66      | 22.58        | 21.61      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 15.48     | 17.91      | 20.22        | 19.83      |
|                                          | 50       | CP       | <b>QPSK</b>  | 16.89     | 19.14      | 21.26        | 20.67      |
|                                          | 50       | CP       | <b>16QAM</b> | 15.89     | 18.31      | 20.18        | 19.78      |
|                                          | 50       | CP       | <b>64QAM</b> | 13.41     | 15.92      | 18.09        | 14.9       |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 15.12     | 19.44      | 22.09        | 21.78      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 16.51     | 20.44      | 23.46        | 23.24      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 15.07     | 19.19      | 21.83        | 21.4       |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 13.23     | 17.44      | 19.65        | 19.54      |
|                                          | 100      | CP       | <b>QPSK</b>  | 14.69     | 18.48      | 20.28        | 20.05      |
|                                          | 100      | CP       | <b>16QAM</b> | 13.72     | 17.82      | 19.39        | 19.2       |
|                                          | 100      | CP       | <b>64QAM</b> | 11.08     | 15.3       | 17.32        | 17         |

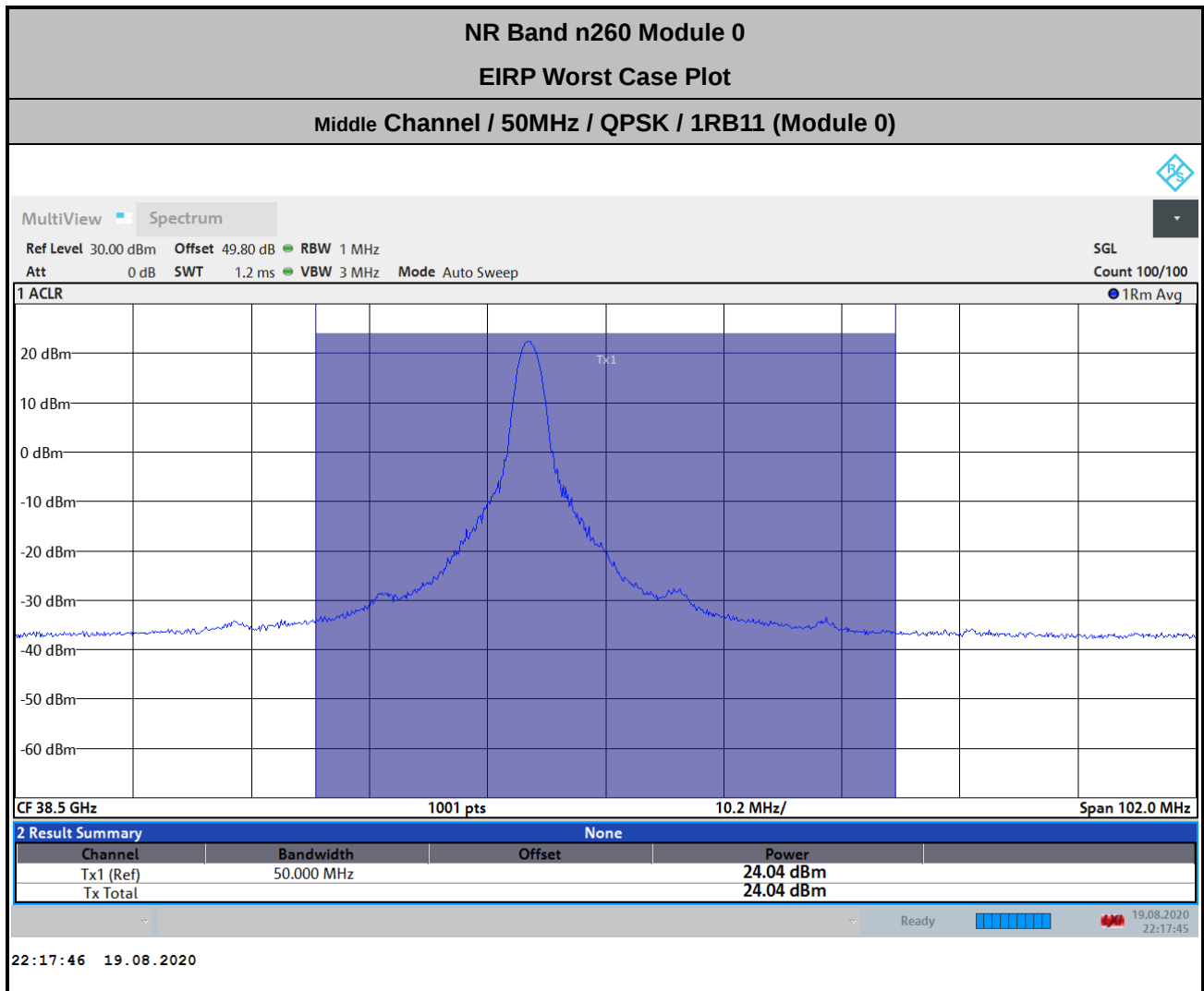


| NR Band n260 Module 0 AG1 (Beam ID: 155) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 15.14     | 17.67      | 20.63     | 20.29      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 16.68     | 19.29      | 21.63     | 21.74      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 15.3      | 17.74      | 20.1      | 20.03      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 13.27     | 15.69      | 18.17     | 17.86      |
|                                          | 50       | CP       | <b>QPSK</b>  | 14.81     | 16.93      | 18.48     | 18.11      |
|                                          | 50       | CP       | <b>16QAM</b> | 13.63     | 15.9       | 17.38     | 17.25      |
|                                          | 50       | CP       | <b>64QAM</b> | 11.37     | 13.44      | 15.73     | 15.3       |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 13.98     | 17.72      | 20.27     | 20.17      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 15.44     | 19.17      | 21.51     | 21.66      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 14.14     | 17.75      | 19.89     | 19.78      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 11.93     | 15.74      | 18.06     | 17.75      |
|                                          | 100      | CP       | <b>QPSK</b>  | 13.59     | 17.02      | 20.2      | 19.82      |
|                                          | 100      | CP       | <b>16QAM</b> | 12.43     | 16.23      | 17.7      | 19.08      |
|                                          | 100      | CP       | <b>64QAM</b> | 10.15     | 13.69      | 15.98     | 17         |

| NR Band n260 Module 0 AG0+1 (Beam ID: 27+155) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Lowest                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 14.79     | 17.76      | 19.31     | 19.51      |
|                                               | 50       | CP       | <b>16QAM</b> | 13.41     | 16.55      | 18.24     | 18.52      |
|                                               | 50       | CP       | <b>64QAM</b> | 11.47     | 14         | 16.66     | 16.31      |
|                                               | 100      | CP       | <b>QPSK</b>  | 12.31     | 17.3       | 19.38     | 19.18      |
|                                               | 100      | CP       | <b>16QAM</b> | 11.12     | 16.07      | 18.15     | 18.45      |
|                                               | 100      | CP       | <b>64QAM</b> | 8.65      | 13.47      | 16.44     | 16.29      |

| NR Band n260 Module 0 AG0+1 (Beam ID: 27+155) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Middle                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 15.81     | 19.36      | 20.41     | 18.2       |
|                                               | 50       | CP       | <b>16QAM</b> | 14.51     | 18.07      | 19.37     | 17.33      |
|                                               | 50       | CP       | <b>64QAM</b> | 12.46     | 14.63      | 17.34     | 15.22      |
|                                               | 100      | CP       | <b>QPSK</b>  | 13.66     | 17.03      | 18.96     | 18.35      |
|                                               | 100      | CP       | <b>16QAM</b> | 12.7      | 16.15      | 18.06     | 17.58      |
|                                               | 100      | CP       | <b>64QAM</b> | 9.9       | 13.63      | 15.94     | 15.49      |

| NR Band n260 Module 0 AG0+1 (Beam ID: 27+155) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Highest                                       | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 16.08     | 18.14      | 19.87     | 19.63      |
|                                               | 50       | CP       | <b>16QAM</b> | 15.22     | 18.09      | 19.1      | 18.87      |
|                                               | 50       | CP       | <b>64QAM</b> | 12.69     | 14.96      | 17.18     | 16.72      |
|                                               | 100      | CP       | <b>QPSK</b>  | 14.46     | 18         | 19.99     | 19.87      |
|                                               | 100      | CP       | <b>16QAM</b> | 13.1      | 17.05      | 18.88     | 18.97      |
|                                               | 100      | CP       | <b>64QAM</b> | 10.89     | 14.67      | 17.3      | 16.89      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.1 + 2.5 + 107 + 20\log(1) - 104.8 \\ &= 49.8 \text{ (dB)}\end{aligned}$$



## NR Band n260 Module 1

| NR Band n260 Module 1 AG0 (Beam ID: 13) |          |          |              |           |            |              |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |              |            |
| Lowest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 15.1      | 17.82      | 20.49        | 20.27      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 16.55     | 19.16      | 21.82        | 21.58      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 15.25     | 17.8       | 20.26        | 19.85      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 12.93     | 15.7       | 18.31        | 17.98      |
|                                         | 50       | CP       | <b>QPSK</b>  | 14.06     | 16.98      | 18.73        | 18.54      |
|                                         | 50       | CP       | <b>16QAM</b> | 13.66     | 15.88      | 17.57        | 17.75      |
|                                         | 50       | CP       | <b>64QAM</b> | 11.03     | 13.52      | 15.91        | 15.69      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 14.25     | 18.65      | 21.43        | 21.18      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 16.11     | 20.02      | <b>22.66</b> | 22.6       |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 14.32     | 18.61      | 20.91        | 20.84      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 12        | 16.47      | 18.89        | 18.89      |
|                                         | 100      | CP       | <b>QPSK</b>  | 14.12     | 18.42      | 20.39        | 20.02      |
|                                         | 100      | CP       | <b>16QAM</b> | 12.81     | 17.28      | 19.54        | 19.25      |
|                                         | 100      | CP       | <b>64QAM</b> | 10.7      | 14.9       | 17.79        | 17.17      |

| NR Band n260 Module 1 AG0 (Beam ID: 13) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Middle                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 15.56     | 18.08      | 20.52     | 20.14      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 16.98     | 19.44      | 21.97     | 21.49      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 15.32     | 17.99      | 20.03     | 19.76      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 13.5      | 15.84      | 18.33     | 17.7       |
|                                         | 50       | CP       | <b>QPSK</b>  | 15.12     | 17.4       | 19.29     | 18.86      |
|                                         | 50       | CP       | <b>16QAM</b> | 14.13     | 16.51      | 18.27     | 17.96      |
|                                         | 50       | CP       | <b>64QAM</b> | 11.78     | 14         | 16.71     | 13.27      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 12.84     | 16.98      | 19.56     | 19.32      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 14.18     | 18.39      | 20.87     | 20.66      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 12.78     | 16.84      | 19.27     | 18.9       |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 10.66     | 14.76      | 17.09     | 17.14      |
|                                         | 100      | CP       | <b>QPSK</b>  | 13.17     | 16.73      | 18.42     | 17.64      |
|                                         | 100      | CP       | <b>16QAM</b> | 11.91     | 15.79      | 17.75     | 16.88      |
|                                         | 100      | CP       | <b>64QAM</b> | 9.25      | 13.23      | 15.41     | 15.06      |

| NR Band n260 Module 1 AG0 (Beam ID: 13) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Highest                                 | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 12.95     | 15.58      | 18        | 17.72      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 14.41     | 16.95      | 19.36     | 19.08      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 12.81     | 15.25      | 17.92     | 17.52      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 10.6      | 13.45      | 15.49     | 15.41      |
|                                         | 50       | CP       | <b>QPSK</b>  | 12.01     | 14.59      | 16.28     | 13.03      |
|                                         | 50       | CP       | <b>16QAM</b> | 11.18     | 13.54      | 15.41     | 12.01      |
|                                         | 50       | CP       | <b>64QAM</b> | 8.33      | 11         | 13.11     | 10.13      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 11.4      | 15.92      | 18.35     | 18.27      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 12.91     | 17.25      | 19.71     | 19.65      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 11.44     | 15.57      | 18.2      | 17.91      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 9.16      | 13.79      | 15.92     | 15.91      |
|                                         | 100      | CP       | <b>QPSK</b>  | 10.72     | 14.77      | 17.05     | 17.03      |
|                                         | 100      | CP       | <b>16QAM</b> | 9.82      | 13.76      | 16.47     | 16.18      |
|                                         | 100      | CP       | <b>64QAM</b> | 7.01      | 11.79      | 14.14     | 14.11      |

| NR Band n260 Module 1 AG1 (Beam ID: 142) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 13.86     | 16.68      | 18.95     | 18.9       |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 15.13     | 17.97      | 20.29     | 20.16      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 13.56     | 16.33      | 18.73     | 18.52      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 11.51     | 14.33      | 16.9      | 16.52      |
|                                          | 50       | CP       | <b>QPSK</b>  | 13.8      | 15.21      | 16.55     | 16.54      |
|                                          | 50       | CP       | <b>16QAM</b> | 11.46     | 15.2       | 16.09     | 15.69      |
|                                          | 50       | CP       | <b>64QAM</b> | 10.58     | 12.91      | 14.24     | 13.81      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 12.91     | 17.56      | 19.97     | 19.99      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 14.46     | 18.88      | 21.57     | 21.24      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 13.09     | 17.28      | 20.15     | 19.52      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 10.69     | 15.37      | 18.02     | 17.69      |
|                                          | 100      | CP       | <b>QPSK</b>  | 12.39     | 16.75      | 18.72     | 18.37      |
|                                          | 100      | CP       | <b>16QAM</b> | 11.4      | 15.76      | 18.2      | 17.56      |
|                                          | 100      | CP       | <b>64QAM</b> | 8.53      | 13.36      | 15.81     | 15.52      |

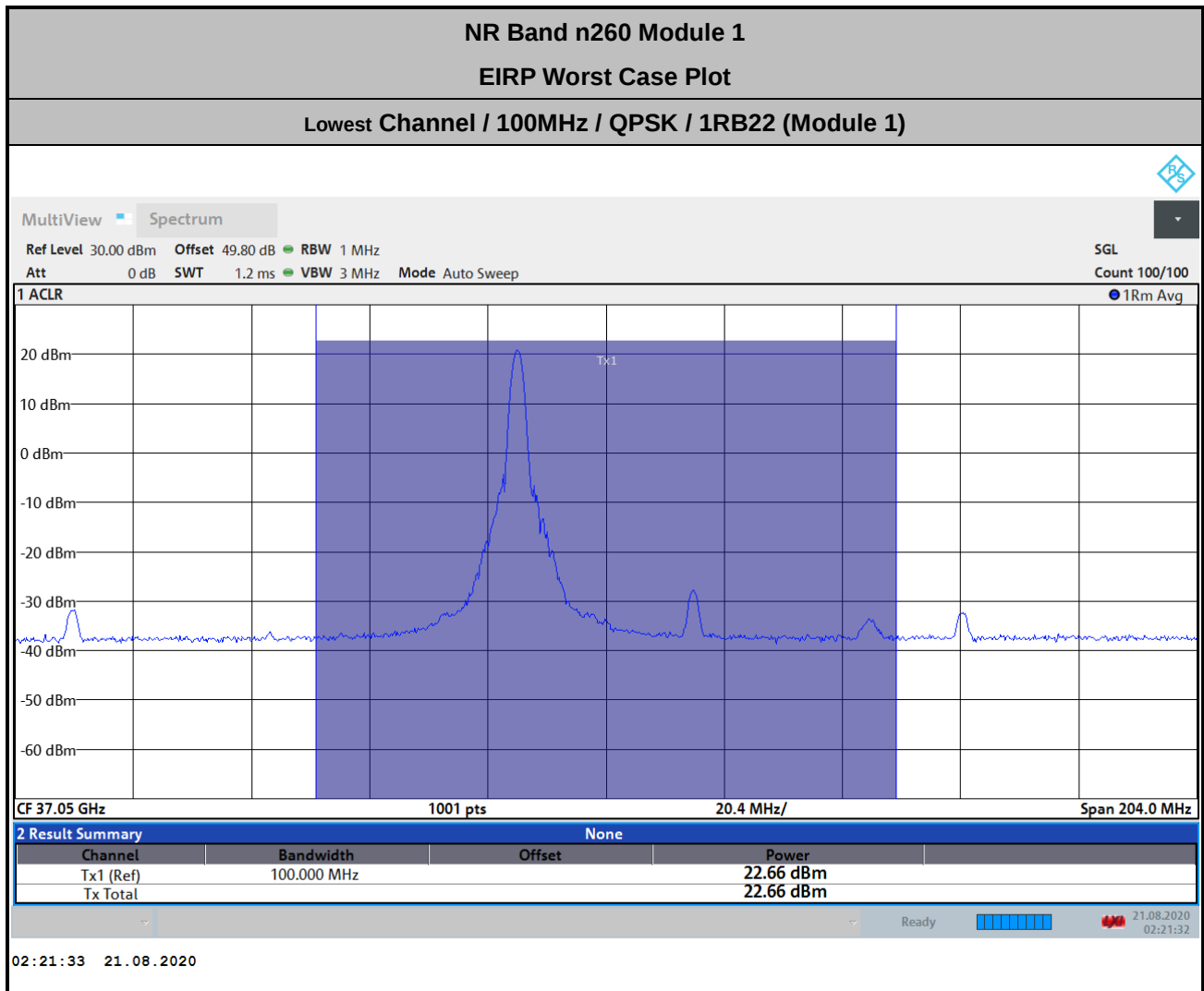
| NR Band n260 Module 1 AG1 (Beam ID: 142) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Middle                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 14.35     | 16.9       | 19.33     | 19.09      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 16.02     | 18.28      | 20.8      | 20.44      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 14.73     | 16.9       | 19.22     | 18.76      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 12.13     | 14.69      | 16.93     | 16.75      |
|                                          | 50       | CP       | <b>QPSK</b>  | 13.86     | 16.25      | 17.85     | 15.08      |
|                                          | 50       | CP       | <b>16QAM</b> | 12.91     | 15.26      | 17.18     | 14.16      |
|                                          | 50       | CP       | <b>64QAM</b> | 10.17     | 12.73      | 14.71     | 12.12      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 11.24     | 15.35      | 17.64     | 17.42      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 12.56     | 16.69      | 19.05     | 18.9       |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 11.15     | 15.29      | 17.12     | 17.07      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 9.41      | 13.28      | 15.65     | 15.09      |
|                                          | 100      | CP       | <b>QPSK</b>  | 10.76     | 14.87      | 16.49     | 16.26      |
|                                          | 100      | CP       | <b>16QAM</b> | 9.56      | 13.76      | 15.71     | 15.49      |
|                                          | 100      | CP       | <b>64QAM</b> | 8.36      | 11.2       | 13.75     | 13.53      |

| NR Band n260 Module 1 AG1 (Beam ID: 142) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 12.07     | 14.24      | 16.74     | 16.52      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 13.66     | 15.59      | 18.18     | 17.86      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 12.33     | 14.24      | 16.46     | 16.17      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 10.08     | 12.15      | 14.5      | 14.12      |
|                                          | 50       | CP       | <b>QPSK</b>  | 11.33     | 13.49      | 15.19     | 14.76      |
|                                          | 50       | CP       | <b>16QAM</b> | 10.6      | 12.54      | 14.46     | 13.76      |
|                                          | 50       | CP       | <b>64QAM</b> | 7.6       | 9.93       | 12.02     | 11.83      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 11.72     | 15.39      | 17.53     | 18.61      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 13.4      | 16.74      | 19.05     | 18.61      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 11.83     | 15.22      | 17.41     | 16.77      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 9.72      | 13.11      | 15.28     | 14.91      |
|                                          | 100      | CP       | <b>QPSK</b>  | 11.18     | 15.5       | 16.11     | 15.85      |
|                                          | 100      | CP       | <b>16QAM</b> | 10.5      | 13.58      | 15.36     | 14.83      |
|                                          | 100      | CP       | <b>64QAM</b> | 7.21      | 10.98      | 12.97     | 12.84      |

| NR Band n260 Module 1 AG0+1 (Beam ID: 13+142) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Lowest                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 14.46     | 17.21      | 18.85     | 16.25      |
|                                               | 50       | CP       | <b>16QAM</b> | 13.11     | 16.24      | 18.07     | 15.48      |
|                                               | 50       | CP       | <b>64QAM</b> | 11.1      | 13.79      | 15.99     | 13.34      |
|                                               | 100      | CP       | <b>QPSK</b>  | 12.93     | 17.2       | 19.08     | 18.98      |
|                                               | 100      | CP       | <b>16QAM</b> | 11.71     | 16.24      | 18.57     | 18.09      |
|                                               | 100      | CP       | <b>64QAM</b> | 9.68      | 13.89      | 16.21     | 16.14      |

| NR Band n260 Module 1 AG0+1 (Beam ID: 13+142) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Middle                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 14.22     | 16.91      | 18.21     | 18.15      |
|                                               | 50       | CP       | <b>16QAM</b> | 13.48     | 19.38      | 17.96     | 17.39      |
|                                               | 50       | CP       | <b>64QAM</b> | 11.23     | 13.48      | 15.5      | 15.36      |
|                                               | 100      | CP       | <b>QPSK</b>  | 13.42     | 17.81      | 19.35     | 19.29      |
|                                               | 100      | CP       | <b>16QAM</b> | 12.93     | 16.95      | 18.72     | 18.51      |
|                                               | 100      | CP       | <b>64QAM</b> | 10.23     | 14.36      | 16.83     | 16.47      |

| NR Band n260 Module 1 AG0+1 (Beam ID: 13+142) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Highest                                       | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 11.38     | 13.51      | 15.15     | 14.72      |
|                                               | 50       | CP       | <b>16QAM</b> | 10.61     | 12.4       | 14.14     | 13.72      |
|                                               | 50       | CP       | <b>64QAM</b> | 7.21      | 9.95       | 12.03     | 12.04      |
|                                               | 100      | CP       | <b>QPSK</b>  | 12.35     | 15.68      | 16.73     | 16.78      |
|                                               | 100      | CP       | <b>16QAM</b> | 11.59     | 14.6       | 16.4      | 15.61      |
|                                               | 100      | CP       | <b>64QAM</b> | 8.61      | 12.08      | 13.98     | 13.96      |



$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 45.1 + 2.5 + 107 + 20\log(1) - 104.8 \\
 &= 49.8 \text{ (dB)}
 \end{aligned}$$

**NR Band n261 Module 0**

| NR Band n261 Module 0 AG0 (Beam ID: 26) |          |          |              |           |            |             |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-------------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |             |            |
| Lowest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB   | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 14.51     | 16.58      | 18.28       | 17.81      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 15.81     | 17.95      | 19.5        | 19.1       |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 14.58     | 16.45      | 18.95       | 18.42      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 12.57     | 14.43      | 17.06       | 16.64      |
|                                         | 50       | CP       | <b>QPSK</b>  | 13.88     | 15.69      | 17.53       | 17.02      |
|                                         | 50       | CP       | <b>16QAM</b> | 12.71     | 14.71      | 16.69       | 16.2       |
|                                         | 50       | CP       | <b>64QAM</b> | 10.41     | 12.38      | 14.96       | 14.24      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 14.28     | 17.27      | 19.11       | 18.54      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 15.61     | 18.6       | <b>20.4</b> | 19.87      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 14.25     | 17.06      | 19.82       | 19.15      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 12.33     | 15.18      | 17.99       | 17.26      |
|                                         | 100      | CP       | <b>QPSK</b>  | 13.65     | 16.26      | 18.51       | 17.77      |
|                                         | 100      | CP       | <b>16QAM</b> | 12.48     | 15.33      | 17.53       | 16.97      |
|                                         | 100      | CP       | <b>64QAM</b> | 10.19     | 12.84      | 15.87       | 15.02      |

| NR Band n261 Module 0 AG0 (Beam ID: 26) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Middle                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 13.89     | 15.84      | 17.59     | 17.13      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 15.25     | 17.18      | 18.87     | 18.42      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 14.04     | 15.71      | 18.29     | 17.67      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 12.21     | 13.49      | 16.73     | 15.76      |
|                                         | 50       | CP       | <b>QPSK</b>  | 12.2      | 13.95      | 15.77     | 15.24      |
|                                         | 50       | CP       | <b>16QAM</b> | 11.04     | 12.99      | 14.76     | 14.44      |
|                                         | 50       | CP       | <b>64QAM</b> | 8.77      | 10.56      | 13.15     | 12.45      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 12.37     | 15.96      | 17.13     | 16.79      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 13.64     | 17.28      | 18.43     | 18.12      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 12.36     | 15.69      | 17.9      | 17.4       |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 10.35     | 13.75      | 15.95     | 15.53      |
|                                         | 100      | CP       | <b>QPSK</b>  | 11.62     | 15.22      | 16.88     | 16.59      |
|                                         | 100      | CP       | <b>16QAM</b> | 10.49     | 14.21      | 16.06     | 15.78      |
|                                         | 100      | CP       | <b>64QAM</b> | 8.13      | 11.55      | 14.33     | 13.82      |

| NR Band n261 Module 0 AG0 (Beam ID: 26) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Highest                                 | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 14.58     | 16.55      | 18        | 17.6       |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 16.03     | 17.86      | 19.27     | 18.93      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 14.8      | 16.59      | 18.83     | 18.17      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 13.07     | 14.56      | 17.16     | 16.17      |
|                                         | 50       | CP       | <b>QPSK</b>  | 12.07     | 13.13      | 15.4      | 15.35      |
|                                         | 50       | CP       | <b>16QAM</b> | 11.59     | 12.46      | 14.45     | 14.53      |
|                                         | 50       | CP       | <b>64QAM</b> | 9.03      | 10         | 13.03     | 12.5       |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 10.76     | 14.71      | 16.12     | 16.06      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 12.22     | 16.11      | 17.48     | 17.44      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 10.94     | 14.31      | 16.52     | 16.21      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 9.05      | 12.66      | 14.67     | 14.29      |
|                                         | 100      | CP       | <b>QPSK</b>  | 10.08     | 14.96      | 15.04     | 15.1       |
|                                         | 100      | CP       | <b>16QAM</b> | 9.04      | 13.87      | 14.15     | 14.34      |
|                                         | 100      | CP       | <b>64QAM</b> | 7.02      | 11.43      | 12.68     | 12.22      |

| NR Band n261 Module 0 AG1 (Beam ID: 156) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 12.64     | 15.32      | 16.98     | 16.85      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 14.18     | 16.81      | 18.28     | 18.36      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 12.79     | 15.25      | 17.58     | 17.54      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 10.91     | 13.32      | 15.79     | 15.47      |
|                                          | 50       | CP       | <b>QPSK</b>  | 12.06     | 14.22      | 15.72     | 15.45      |
|                                          | 50       | CP       | <b>16QAM</b> | 11.11     | 13.34      | 14.84     | 14.65      |
|                                          | 50       | CP       | <b>64QAM</b> | 8.67      | 10.9       | 13.14     | 12.74      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 10.99     | 14.95      | 15.99     | 16.27      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 12.69     | 16.31      | 17.35     | 17.71      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 11.17     | 14.83      | 16.68     | 16.85      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 9.36      | 12.98      | 14.76     | 14.9       |
|                                          | 100      | CP       | <b>QPSK</b>  | 10.92     | 14.42      | 15.73     | 16.07      |
|                                          | 100      | CP       | <b>16QAM</b> | 9.73      | 13.52      | 14.82     | 15.1       |
|                                          | 100      | CP       | <b>64QAM</b> | 7.52      | 11.09      | 13.06     | 13.06      |



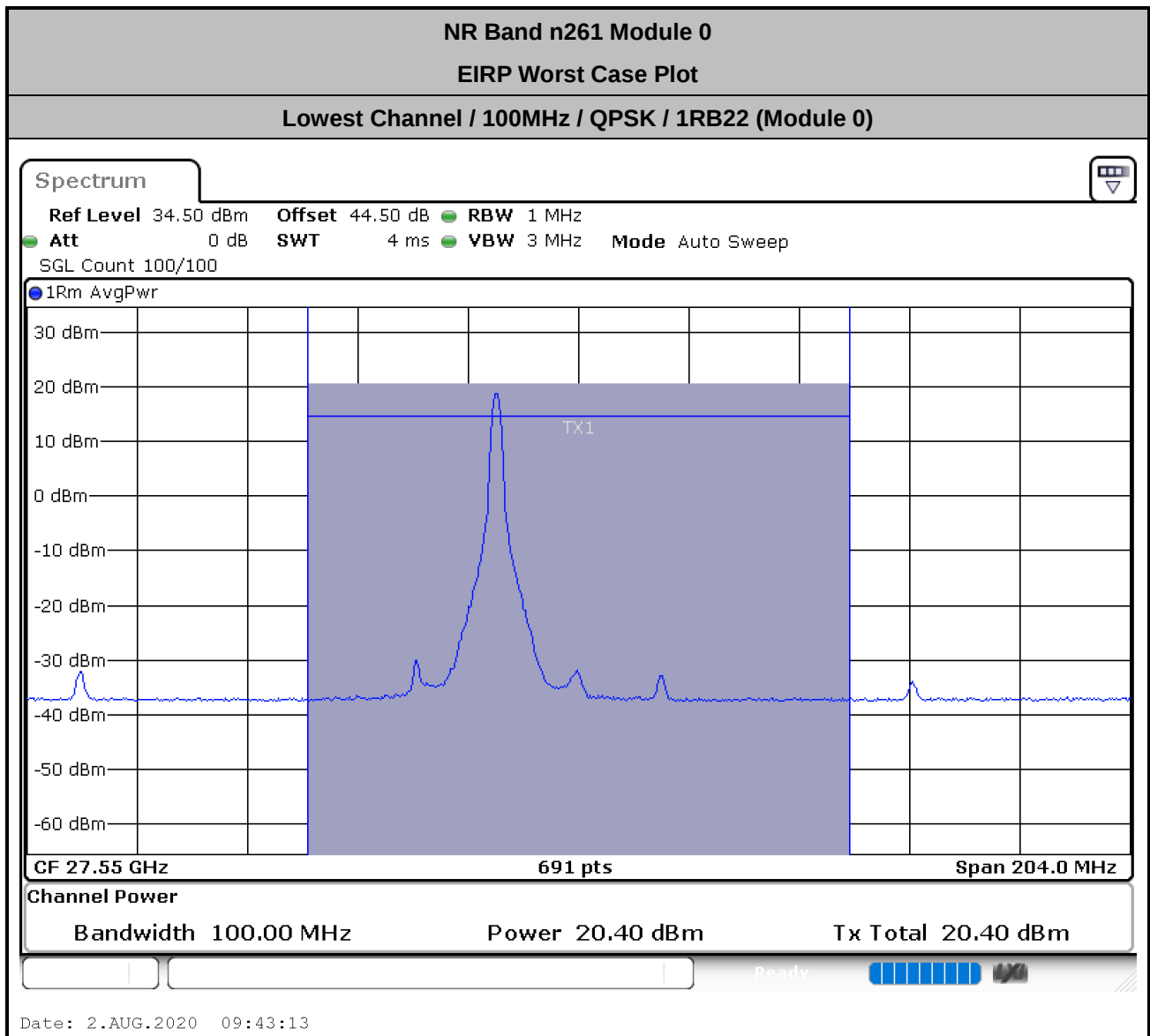
| NR Band n261 Module 0 AG1 (Beam ID: 156) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Middle                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 10.53     | 13.01      | 14.7      | 14.4       |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 11.84     | 14.42      | 15.89     | 15.78      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 10.15     | 12.93      | 15.14     | 15.01      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 8.5       | 10.91      | 13.4      | 12.97      |
|                                          | 50       | CP       | <b>QPSK</b>  | 9.65      | 11.83      | 13.72     | 13.21      |
|                                          | 50       | CP       | <b>16QAM</b> | 8.15      | 10.87      | 12.62     | 12.39      |
|                                          | 50       | CP       | <b>64QAM</b> | 6.18      | 8.45       | 11.02     | 10.49      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 9.83      | 13.36      | 14.92     | 14.64      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 10.9      | 14.71      | 16.18     | 15.99      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 9.26      | 13.18      | 15.39     | 15.2       |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 7.49      | 11.22      | 13.69     | 13.23      |
|                                          | 100      | CP       | <b>QPSK</b>  | 8.98      | 12.43      | 14.14     | 13.78      |
|                                          | 100      | CP       | <b>16QAM</b> | 7.63      | 11.48      | 12.99     | 12.94      |
|                                          | 100      | CP       | <b>64QAM</b> | 5.85      | 9.12       | 11.57     | 11.03      |

| NR Band n261 Module 0 AG1 (Beam ID: 156) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 15.15     | 16.67      | 18.07     | 17.59      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 16.35     | 18         | 19.25     | 18.91      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 15.07     | 16.7       | 18.89     | 18.2       |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 13.35     | 14.73      | 17.22     | 16.27      |
|                                          | 50       | CP       | <b>QPSK</b>  | 14.28     | 16.06      | 17.47     | 17.14      |
|                                          | 50       | CP       | <b>16QAM</b> | 13.75     | 15.22      | 16.91     | 16.28      |
|                                          | 50       | CP       | <b>64QAM</b> | 11.22     | 12.81      | 14.84     | 14.29      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 12.53     | 15.53      | 17.53     | 16.87      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 13.9      | 16.82      | 18.69     | 18.26      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 12.66     | 15.5       | 18.33     | 17.41      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 10.92     | 13.53      | 16.54     | 15.57      |
|                                          | 100      | CP       | <b>QPSK</b>  | 11.82     | 14.79      | 16.91     | 16.31      |
|                                          | 100      | CP       | <b>16QAM</b> | 11.3      | 13.92      | 16.38     | 15.45      |
|                                          | 100      | CP       | <b>64QAM</b> | 8.78      | 11.52      | 14.27     | 13.41      |

| NR Band n261 Module 0 AG0+1 (Beam ID: 26+156) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Lowest                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 12.17     | 15.03      | 16.9      | 17.3       |
|                                               | 50       | CP       | <b>16QAM</b> | 10.84     | 14.2       | 15.52     | 17.29      |
|                                               | 50       | CP       | <b>64QAM</b> | 8.62      | 11.72      | 13.8      | 15.71      |
|                                               | 100      | CP       | <b>QPSK</b>  | 12.63     | 14.73      | 18.52     | 17.77      |
|                                               | 100      | CP       | <b>16QAM</b> | 12.22     | 14.76      | 17.22     | 16.85      |
|                                               | 100      | CP       | <b>64QAM</b> | 11.55     | 13.8       | 15.7      | 15.04      |

| NR Band n261 Module 0 AG0+1 (Beam ID: 26+156) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Middle                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 12.72     | 14.81      | 16.89     | 16.52      |
|                                               | 50       | CP       | <b>16QAM</b> | 11.46     | 13.9       | 15.64     | 15.77      |
|                                               | 50       | CP       | <b>64QAM</b> | 9.05      | 11.31      | 13.91     | 13.6       |
|                                               | 100      | CP       | <b>QPSK</b>  | 11.33     | 14.68      | 17.28     | 16.82      |
|                                               | 100      | CP       | <b>16QAM</b> | 9.88      | 13.7       | 16.03     | 15.87      |
|                                               | 100      | CP       | <b>64QAM</b> | 7.52      | 11.2       | 14.18     | 13.87      |

| NR Band n261 Module 0 AG0+1 (Beam ID: 26+156) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Highest                                       | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 10.65     | 12.57      | 14.23     | 14.26      |
|                                               | 50       | CP       | <b>16QAM</b> | 9.38      | 11.79      | 13.05     | 13.53      |
|                                               | 50       | CP       | <b>64QAM</b> | 7.17      | 9.46       | 11.34     | 11.2       |
|                                               | 100      | CP       | <b>QPSK</b>  | 10.15     | 12.28      | 14.31     | 14.01      |
|                                               | 100      | CP       | <b>16QAM</b> | 8.88      | 11.37      | 12.94     | 12.93      |
|                                               | 100      | CP       | <b>64QAM</b> | 6.73      | 9.01       | 11.84     | 11.05      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 40.5 + 1.8 + 107 + 20\log(1) - 104.8 \\ &= 44.5 \text{ (dB)}\end{aligned}$$



## NR Band n261 Module 1

| NR Band n261 Module 1 AG0 (Beam ID: 14) |          |          |              |           |            |              |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|--------------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |              |            |
| Lowest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB    | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 17.25     | 19.2       | 20.84        | 20.27      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 18.68     | 20.37      | <b>21.95</b> | 21.04      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 17.31     | 18.98      | 19.72        | 20.81      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 15.28     | 17.05      | 19.7         | 19.18      |
|                                         | 50       | CP       | <b>QPSK</b>  | 14.35     | 16.14      | 18.01        | 17.59      |
|                                         | 50       | CP       | <b>16QAM</b> | 13.49     | 15.19      | 17.29        | 16.82      |
|                                         | 50       | CP       | <b>64QAM</b> | 10.99     | 12.72      | 15.26        | 14.77      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 16.28     | 19.41      | 21.02        | 19.44      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 17.76     | 20.59      | 21.28        | 20.62      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 16.3      | 19.24      | 21.01        | 20.01      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 14.21     | 17.33      | 19.82        | 18.26      |
|                                         | 100      | CP       | <b>QPSK</b>  | 15.7      | 18.5       | 19.63        | 18.83      |
|                                         | 100      | CP       | <b>16QAM</b> | 14.78     | 17.46      | 19.09        | 18.08      |
|                                         | 100      | CP       | <b>64QAM</b> | 12.15     | 17.01      | 16.72        | 16.14      |

| NR Band n261 Module 1 AG0 (Beam ID: 14) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Middle                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 12.06     | 14.56      | 16.25     | 16.09      |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 13.49     | 15.95      | 17.34     | 17.51      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 12.18     | 14.45      | 17.19     | 16.88      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 9.84      | 12.4       | 14.94     | 14.99      |
|                                         | 50       | CP       | <b>QPSK</b>  | 10.9      | 13.19      | 14.78     | 14.54      |
|                                         | 50       | CP       | <b>16QAM</b> | 9.84      | 12.16      | 14.09     | 13.75      |
|                                         | 50       | CP       | <b>64QAM</b> | 7.46      | 9.83       | 12.07     | 11.7       |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 12.72     | 15.86      | 17.61     | 17.24      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 14.14     | 17.67      | 18.89     | 18.52      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 12.46     | 16         | 18.43     | 17.95      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 10.61     | 13.73      | 16.76     | 15.92      |
|                                         | 100      | CP       | <b>QPSK</b>  | 11.85     | 15.25      | 17.29     | 16.8       |
|                                         | 100      | CP       | <b>16QAM</b> | 10.39     | 14.28      | 16.11     | 15.89      |
|                                         | 100      | CP       | <b>64QAM</b> | 8.08      | 11.89      | 14.25     | 13.92      |

| NR Band n261 Module 1 AG0 (Beam ID: 14) |          |          |              |           |            |           |            |
|-----------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]              |          |          |              |           |            |           |            |
| Highest                                 | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                         | 50       | DFT-S    | <b>BPSK</b>  | 11.58     | 14.81      | 16.15     | 16.1       |
|                                         | 50       | DFT-S    | <b>QPSK</b>  | 12.88     | 16.16      | 17.38     | 17.46      |
|                                         | 50       | DFT-S    | <b>16QAM</b> | 11.45     | 14.51      | 17.02     | 16.94      |
|                                         | 50       | DFT-S    | <b>64QAM</b> | 9.66      | 12.57      | 15.19     | 14.78      |
|                                         | 50       | CP       | <b>QPSK</b>  | 10.74     | 13.77      | 15.48     | 15.49      |
|                                         | 50       | CP       | <b>16QAM</b> | 9.58      | 12.82      | 14.36     | 14.57      |
|                                         | 50       | CP       | <b>64QAM</b> | 7.46      | 10.44      | 12.73     | 12.53      |
|                                         | 100      | DFT-S    | <b>BPSK</b>  | 13.84     | 19.27      | 18.08     | 17.35      |
|                                         | 100      | DFT-S    | <b>QPSK</b>  | 15.36     | 20.62      | 19.3      | 18.59      |
|                                         | 100      | DFT-S    | <b>16QAM</b> | 13.95     | 19.04      | 18.87     | 18.01      |
|                                         | 100      | DFT-S    | <b>64QAM</b> | 11.93     | 17.03      | 16.93     | 16.15      |
|                                         | 100      | CP       | <b>QPSK</b>  | 16.38     | 18.29      | 17.59     | 16.76      |
|                                         | 100      | CP       | <b>16QAM</b> | 15.5      | 17.38      | 17.04     | 15.95      |
|                                         | 100      | CP       | <b>64QAM</b> | 12.74     | 15.05      | 14.69     | 13.95      |

| NR Band n261 Module 1 AG1 (Beam ID: 141) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Lowest                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 14.54     | 16.55      | 18.21     | 17.72      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 16.01     | 17.8       | 19.28     | 18.93      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 14.6      | 16.46      | 18.9      | 18.38      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 12.66     | 14.5       | 16.98     | 16.7       |
|                                          | 50       | CP       | <b>QPSK</b>  | 11.56     | 15.19      | 14.85     | 14.44      |
|                                          | 50       | CP       | <b>16QAM</b> | 10.42     | 10.04      | 13.68     | 13.52      |
|                                          | 50       | CP       | <b>64QAM</b> | 8.48      | 10.02      | 12.33     | 11.8       |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 15.33     | 17.8       | 19.3      | 18.48      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 16.7      | 18.99      | 20.5      | 19.66      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 15.38     | 17.56      | 20.03     | 19.09      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 13.26     | 15.65      | 18.22     | 17.29      |
|                                          | 100      | CP       | <b>QPSK</b>  | 14.69     | 16.88      | 18.89     | 17.99      |
|                                          | 100      | CP       | <b>16QAM</b> | 13.97     | 16.02      | 18.24     | 17.14      |
|                                          | 100      | CP       | <b>64QAM</b> | 11.16     | 13.66      | 16.03     | 15.18      |

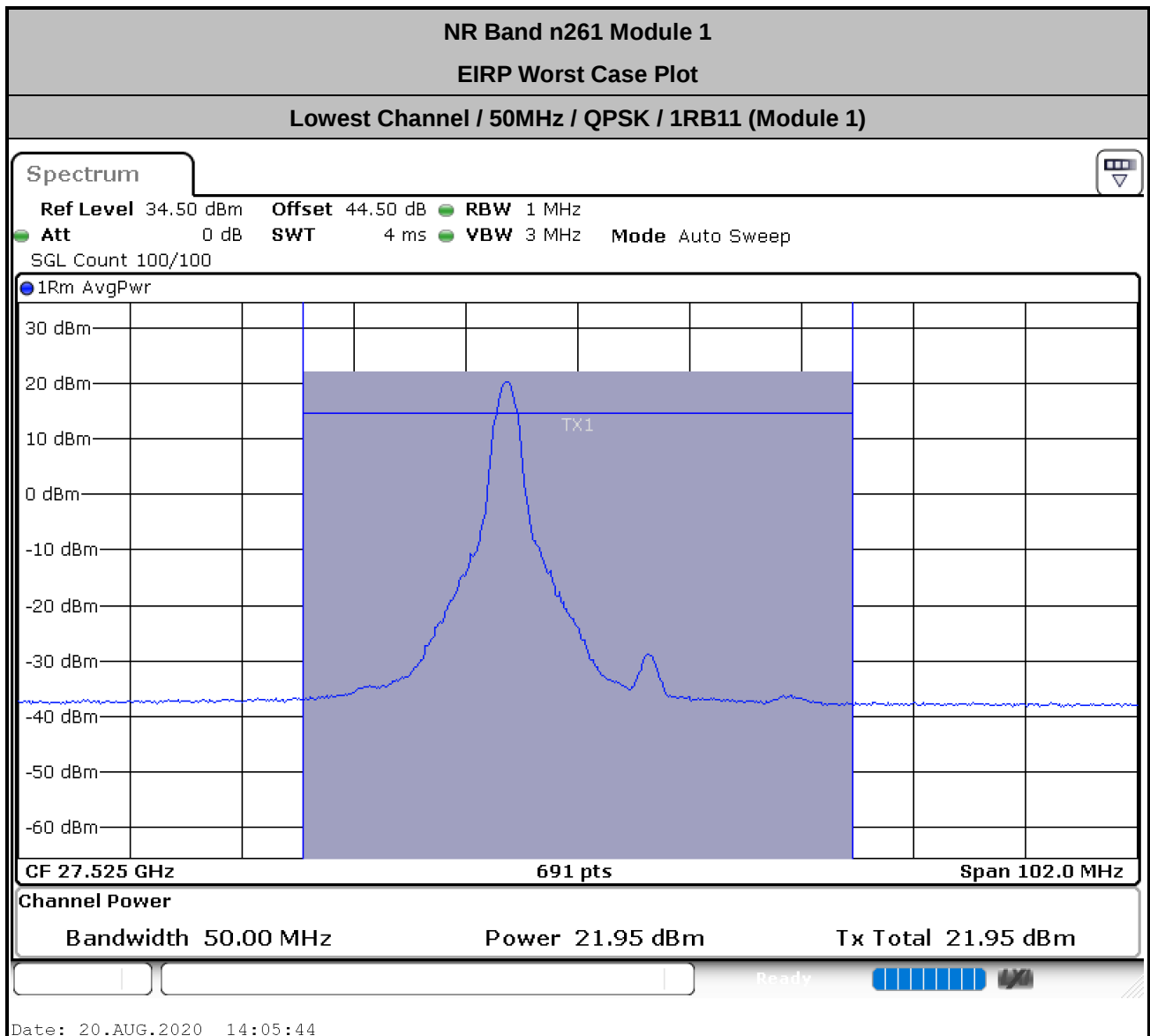
| NR Band n261 Module 1 AG1 (Beam ID: 141) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Middle                                   | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 13.09     | 15.31      | 16.61     | 16.32      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 14.31     | 16.54      | 17.69     | 17.6       |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 12.65     | 15.09      | 16.83     | 16.83      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 10.79     | 13.11      | 15.19     | 14.93      |
|                                          | 50       | CP       | <b>QPSK</b>  | 11.61     | 14.53      | 15.97     | 15.63      |
|                                          | 50       | CP       | <b>16QAM</b> | 11.06     | 13.65      | 14.89     | 14.78      |
|                                          | 50       | CP       | <b>64QAM</b> | 9.09      | 11.13      | 13.5      | 13.03      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 11.86     | 15.87      | 16.83     | 16.58      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 13.09     | 16.56      | 17.94     | 17.86      |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 11.32     | 15.16      | 17.09     | 17.08      |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 9.49      | 13.24      | 15.43     | 15.16      |
|                                          | 100      | CP       | <b>QPSK</b>  | 10.99     | 14.41      | 16.19     | 15.92      |
|                                          | 100      | CP       | <b>16QAM</b> | 9.73      | 13.47      | 15.1      | 15.08      |
|                                          | 100      | CP       | <b>64QAM</b> | 7.71      | 11.13      | 13.72     | 13.22      |

| NR Band n261 Module 1 AG1 (Beam ID: 141) |          |          |              |           |            |           |            |
|------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]               |          |          |              |           |            |           |            |
| Highest                                  | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                          | 50       | DFT-S    | <b>BPSK</b>  | 11.39     | 14.16      | 16.05     | 15.79      |
|                                          | 50       | DFT-S    | <b>QPSK</b>  | 12.75     | 15.44      | 17.25     | 17.13      |
|                                          | 50       | DFT-S    | <b>16QAM</b> | 10.98     | 14         | 15.84     | 15.85      |
|                                          | 50       | DFT-S    | <b>64QAM</b> | 9.26      | 12.08      | 14.24     | 13.95      |
|                                          | 50       | CP       | <b>QPSK</b>  | 10.98     | 13.42      | 14.99     | 14.71      |
|                                          | 50       | CP       | <b>16QAM</b> | 9.85      | 12.53      | 13.92     | 13.84      |
|                                          | 50       | CP       | <b>64QAM</b> | 7.86      | 10.13      | 12.55     | 12.13      |
|                                          | 100      | DFT-S    | <b>BPSK</b>  | 14.32     | 16.6       | 18.43     | 17.79      |
|                                          | 100      | DFT-S    | <b>QPSK</b>  | 15.78     | 17.94      | 19.78     | 19         |
|                                          | 100      | DFT-S    | <b>16QAM</b> | 14.45     | 16.56      | 19.39     | 18.4       |
|                                          | 100      | DFT-S    | <b>64QAM</b> | 12.33     | 14.61      | 17.34     | 16.53      |
|                                          | 100      | CP       | <b>QPSK</b>  | 9.95      | 13.55      | 15.6      | 15.28      |
|                                          | 100      | CP       | <b>16QAM</b> | 8.76      | 12.76      | 14.5      | 14.44      |
|                                          | 100      | CP       | <b>64QAM</b> | 6.69      | 10.39      | 13.14     | 12.55      |

| NR Band n261 Module 1 AG0+1 (Beam ID: 14+141) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Lowest                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 13.21     | 14.85      | 16.77     | 16.33      |
|                                               | 50       | CP       | <b>16QAM</b> | 12.44     | 14.07      | 16.07     | 15.4       |
|                                               | 50       | CP       | <b>64QAM</b> | 9.2       | 11.72      | 13.55     | 13.49      |
|                                               | 100      | CP       | <b>QPSK</b>  | 13.56     | 15.4       | 17.37     | 17.2       |
|                                               | 100      | CP       | <b>16QAM</b> | 12.33     | 14.48      | 16.45     | 16.36      |
|                                               | 100      | CP       | <b>64QAM</b> | 10.39     | 12.05      | 14.61     | 13.83      |

| NR Band n261 Module 1 AG0+1 (Beam ID: 14+141) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Middle                                        | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 13.18     | 15.33      | 17.25     | 17.02      |
|                                               | 50       | CP       | <b>16QAM</b> | 12.18     | 14.52      | 16.25     | 16.05      |
|                                               | 50       | CP       | <b>64QAM</b> | 9.92      | 12.08      | 14.8      | 14.37      |
|                                               | 100      | CP       | <b>QPSK</b>  | 12.17     | 15.7       | 17.54     | 17.48      |
|                                               | 100      | CP       | <b>16QAM</b> | 11.4      | 14.74      | 16.77     | 16.58      |
|                                               | 100      | CP       | <b>64QAM</b> | 8.67      | 12.34      | 14.92     | 14.65      |

| NR Band n261 Module 1 AG0+1 (Beam ID: 14+141) |          |          |              |           |            |           |            |
|-----------------------------------------------|----------|----------|--------------|-----------|------------|-----------|------------|
| Maximum Average EIRP [dBm]                    |          |          |              |           |            |           |            |
| Highest                                       | BW [MHz] | Waveform | Modulation   | Outer 1RB | Outer Full | Inner 1RB | Inner Full |
|                                               | 50       | CP       | <b>QPSK</b>  | 12.47     | 15.03      | 16.99     | 16.32      |
|                                               | 50       | CP       | <b>16QAM</b> | 11.53     | 14.25      | 16.1      | 15.88      |
|                                               | 50       | CP       | <b>64QAM</b> | 9.36      | 11.8       | 14.65     | 14.1       |
|                                               | 100      | CP       | <b>QPSK</b>  | 11.74     | 15.32      | 17        | 17.03      |
|                                               | 100      | CP       | <b>16QAM</b> | 10.65     | 14.5       | 16.47     | 16.13      |
|                                               | 100      | CP       | <b>64QAM</b> | 8.46      | 12.13      | 14.44     | 14.16      |



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 40.5 + 1.8 + 107 + 20\log(1) - 104.8 \\ &= 44.5 \text{ (dB)}\end{aligned}$$



## NR Band n258a Module 0 AG0

## Occupied Bandwidth

| Mode       | DFT-s-OFDM Module 0 NR Band n258a: 99%OBW(MHz) |       |       |       |        |       |       |       |
|------------|------------------------------------------------|-------|-------|-------|--------|-------|-------|-------|
| BW         | 50MHz                                          |       |       |       | 100MHz |       |       |       |
| Mod.       | BPSK                                           | QPSK  | 16QAM | 64QAM | BPSK   | QPSK  | 16QAM | 64QAM |
| Lowest CH  | 45.42                                          | 45.10 | 45.24 | 45.10 | 90.36  | 90.16 | 90.28 | 90.44 |
| Middle CH  | 45.52                                          | 45.20 | 45.34 | 45.20 | 90.80  | 90.60 | 90.68 | 90.84 |
| Highest CH | 45.28                                          | 44.98 | 45.40 | 45.34 | 90.12  | 90.12 | 89.80 | 90.28 |

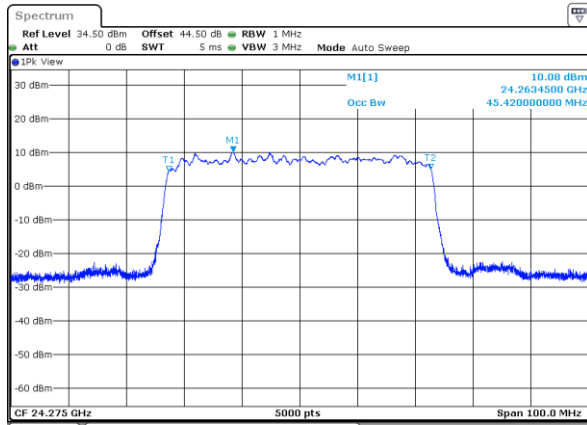
| Mode       | CP-OFDM Module 0 NR Band n258a: 99%OBW(MHz) |       |       |        |       |       |
|------------|---------------------------------------------|-------|-------|--------|-------|-------|
| BW         | 50MHz                                       |       |       | 100MHz |       |       |
| Mod.       | QPSK                                        | 16QAM | 64QAM | QPSK   | 16QAM | 64QAM |
| Lowest CH  | 45.34                                       | 45.28 | 45.02 | 92.60  | 92.52 | 92.80 |
| Middle CH  | 45.44                                       | 45.40 | 45.12 | 93.24  | 93.04 | 93.24 |
| Highest CH | 45.28                                       | 45.42 | 45.28 | 92.60  | 92.44 | 92.68 |



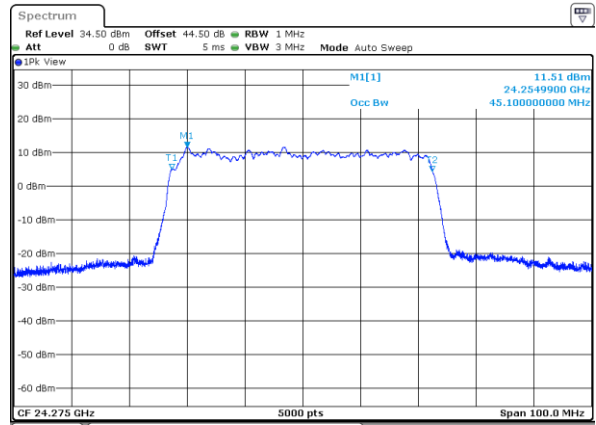
## DFT-s-OFDM Module 0

## NR Band n258a

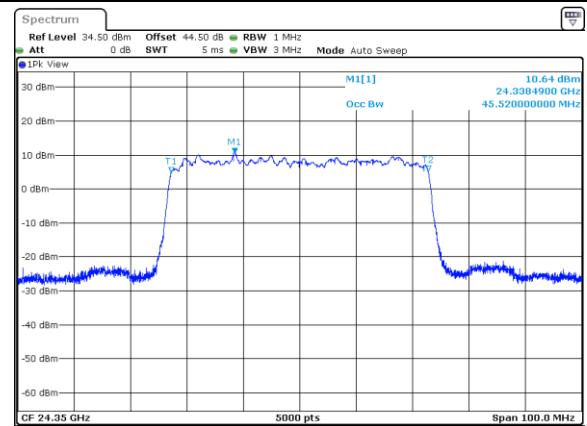
## Lowest Channel / 50MHz / BPSK



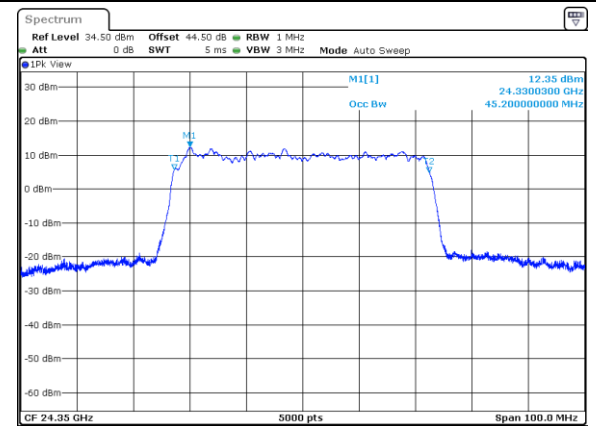
## Lowest Channel / 50MHz / QPSK



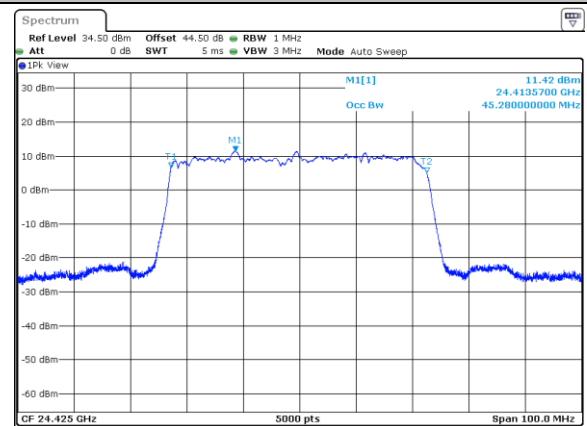
## Middle Channel / 50MHz / BPSK



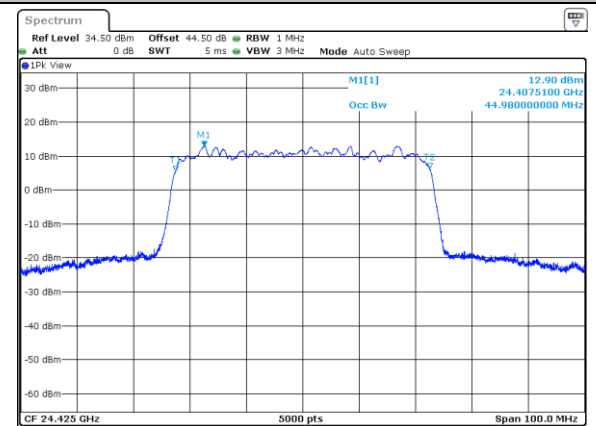
## Middle Channel / 50MHz / QPSK



## Highest Channel / 50MHz / BPSK



## Highest Channel / 50MHz / QPSK

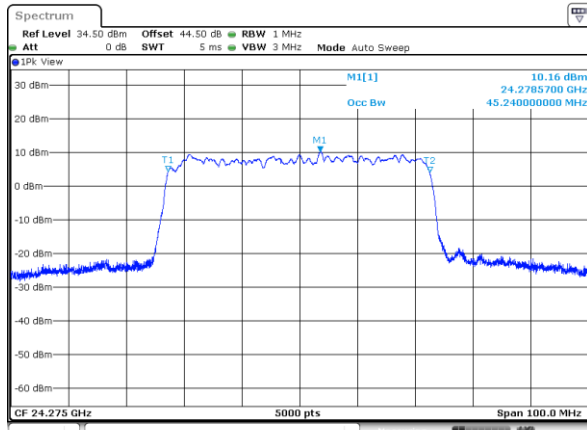




## DFT-s-OFDM Module 0

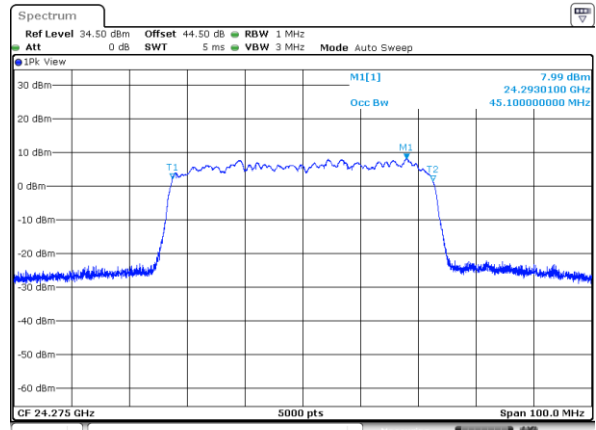
## NR Band n258a

## Lowest Channel / 50MHz / 16QAM



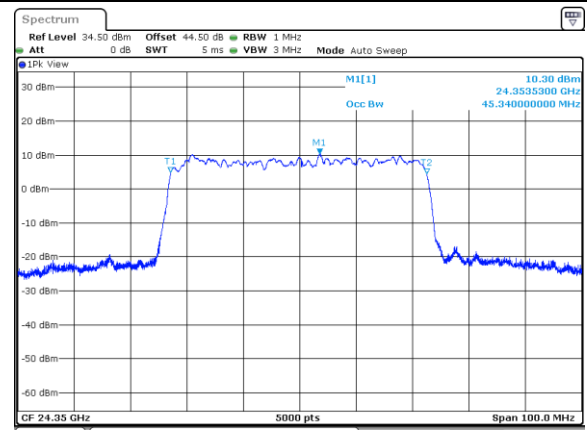
Date: 22.JUL.2020 18:57:04

## Lowest Channel / 50MHz / 64QAM



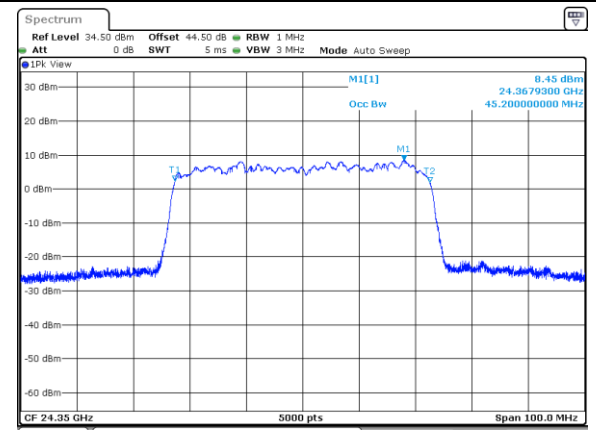
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## Middle Channel / 50MHz / 16QAM



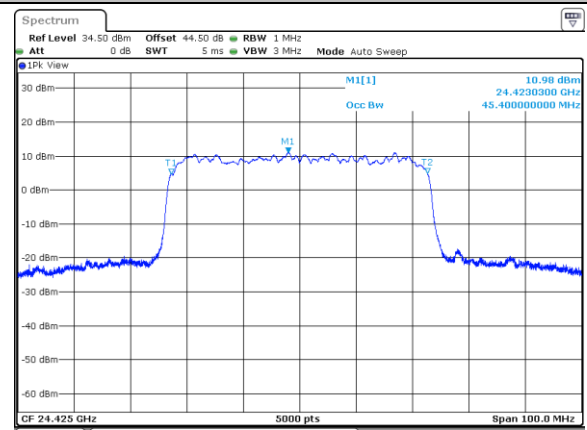
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## Middle Channel / 50MHz / 64QAM



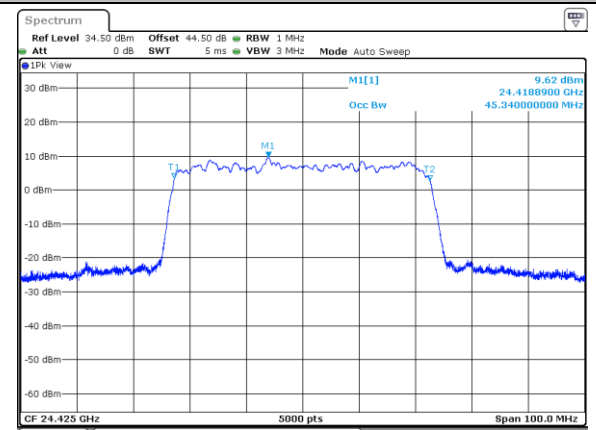
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## Highest Channel / 50MHz / 16QAM



Date: 23.JUL.2020 02:27:34

## Highest Channel / 50MHz / 64QAM



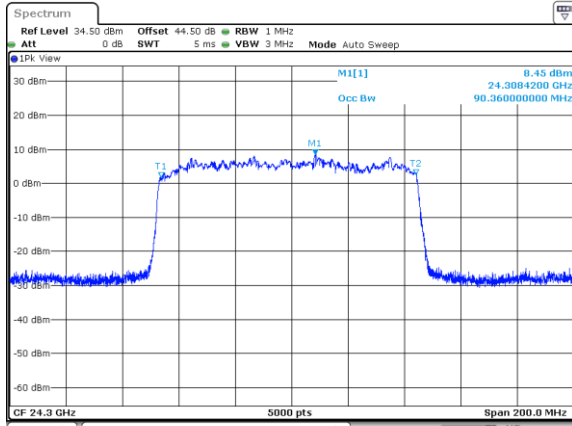
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## DFT-s-OFDM Module 0

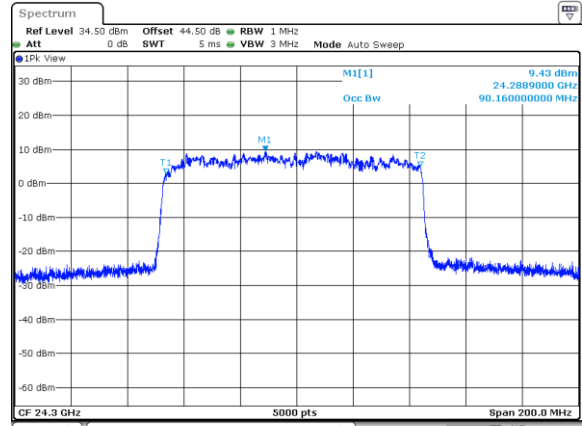
## NR Band n258a

## Lowest Channel / 100MHz / BPSK



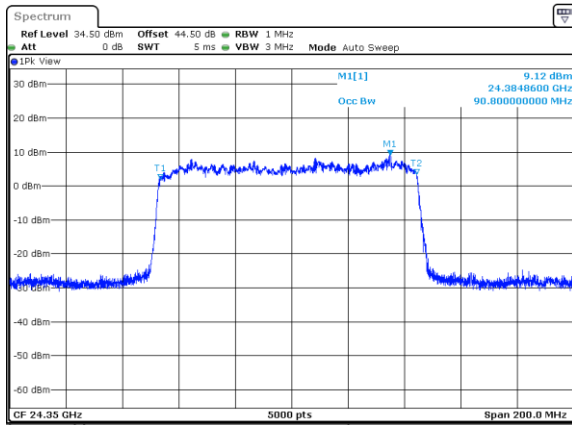
Date: 22.JUL.2020 20:29:08

## Lowest Channel / 100MHz / QPSK



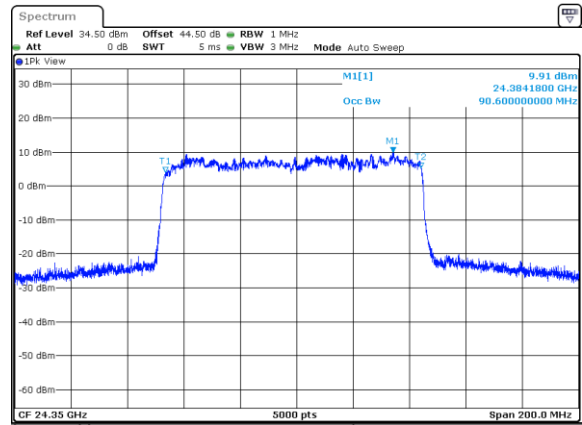
Date: 22.JUL.2020 20:20:25

## Middle Channel / 100MHz / BPSK



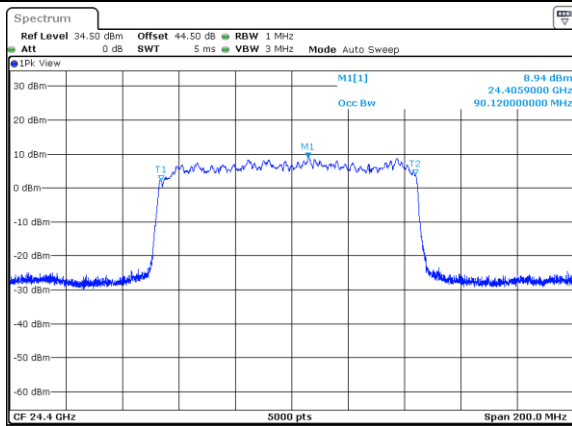
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## Middle Channel / 100MHz / QPSK



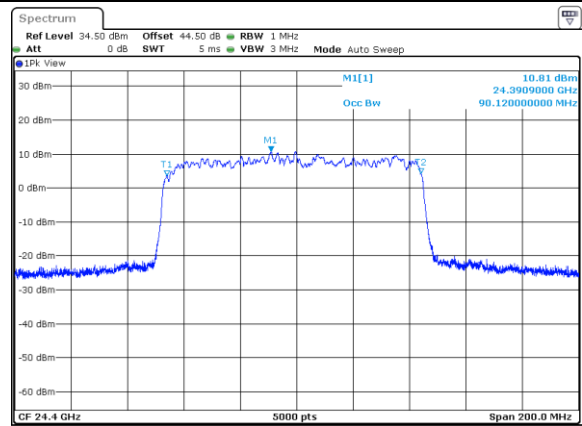
Date: 22.JUL.2020 23:20:54

## Highest Channel / 100MHz / BPSK



Date: 23.JUL.2020 03:30:14

## Highest Channel / 100MHz / QPSK



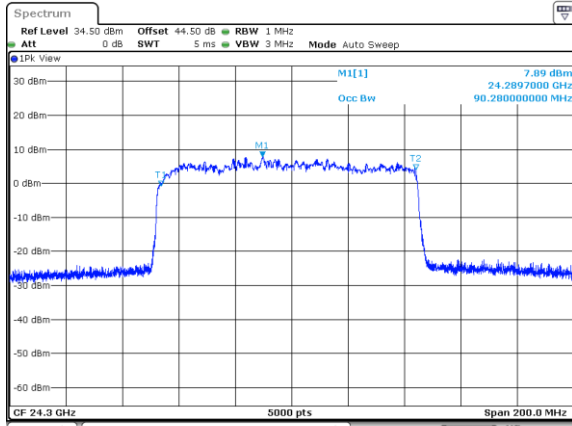
Date: 23.JUL.2020 03:25:26



## DFT-s-OFDM Module 0

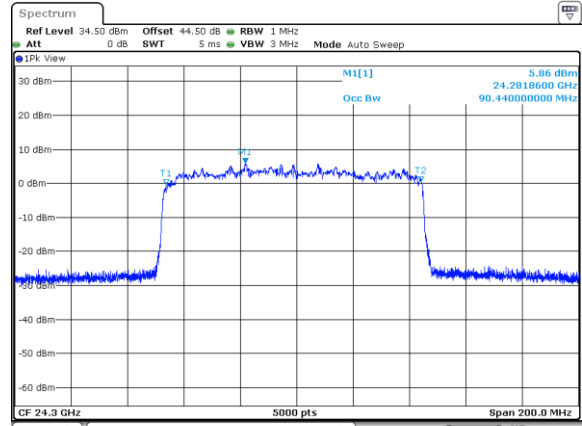
## NR Band n258a

## Lowest Channel / 100MHz / 16QAM



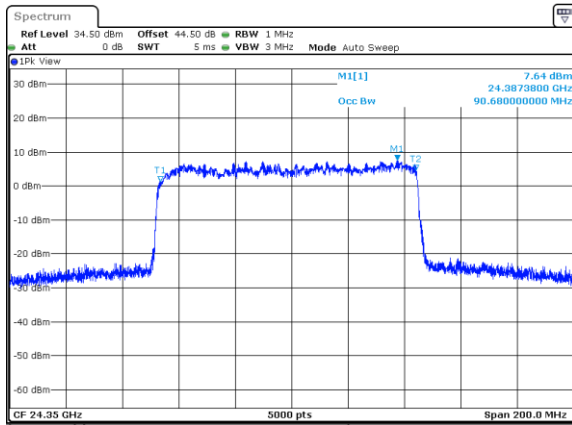
Date: 22.JUL.2020 20:21:42

## Lowest Channel / 100MHz / 64QAM



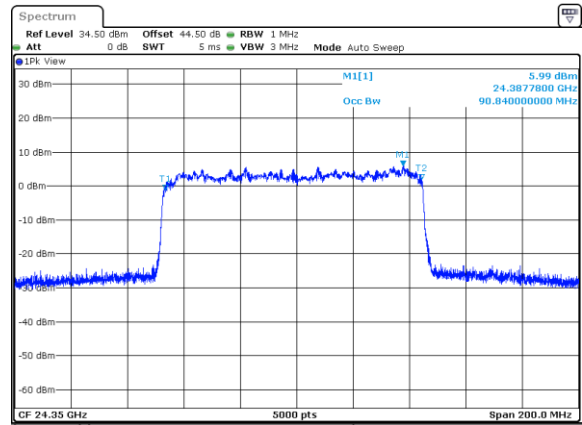
Date: 22.JUL.2020 20:22:59

## Middle Channel / 100MHz / 16QAM



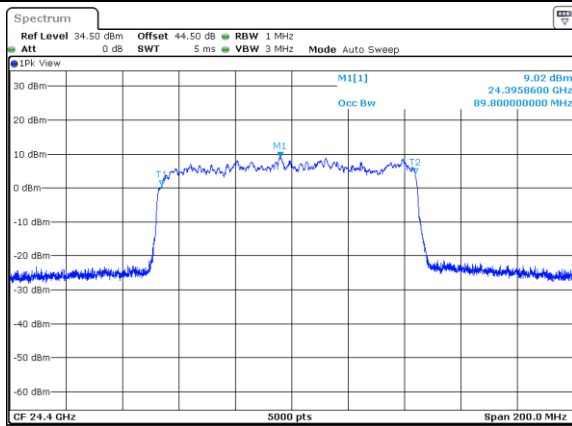
Date: 22.JUL.2020 23:23:02

## Middle Channel / 100MHz / 64QAM



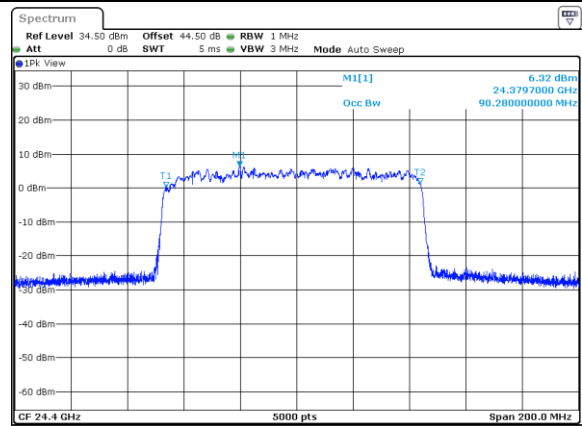
Date: 22.JUL.2020 23:22:16

## Highest Channel / 100MHz / 16QAM



Date: 23.JUL.2020 03:27:01

## Highest Channel / 100MHz / 64QAM



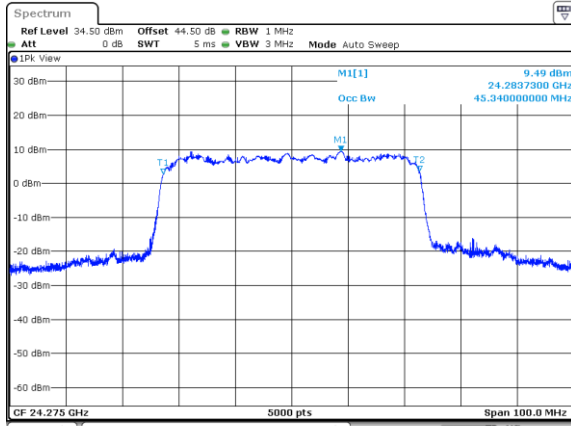
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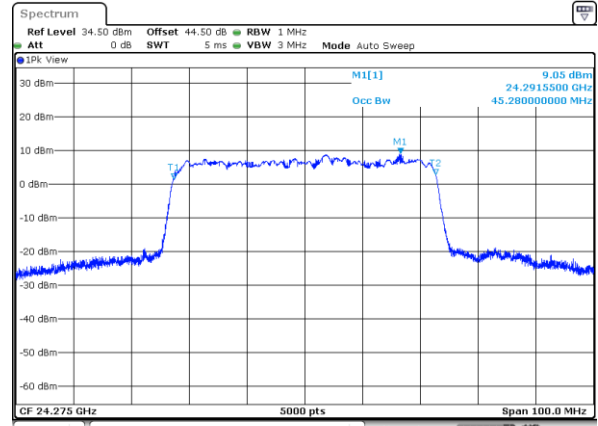
## CP-OFDM Module 0

## NR Band n258a

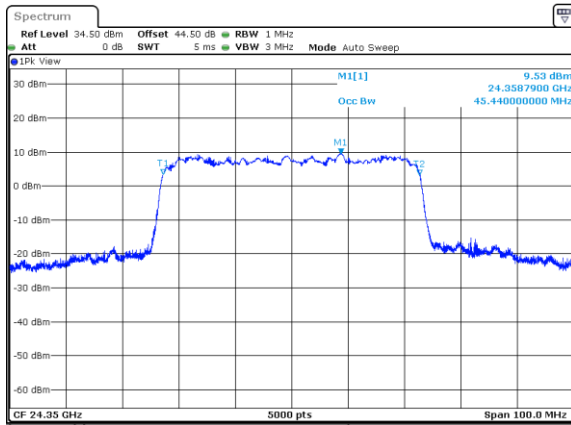
## Lowest Channel / 50MHz / QPSK



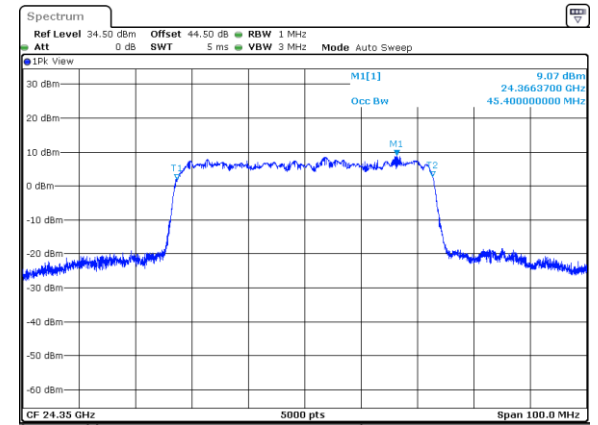
## Lowest Channel / 50MHz / 16QAM



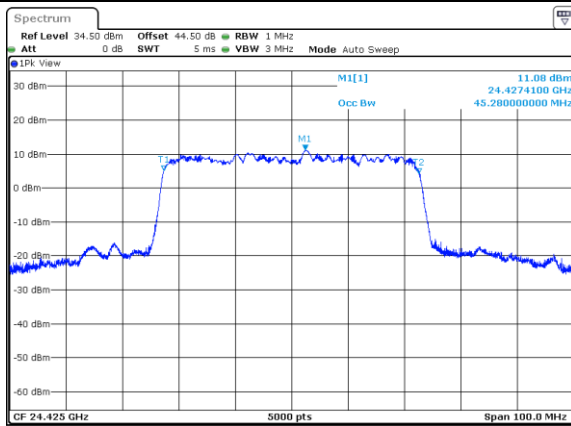
## Middle Channel / 50MHz / QPSK



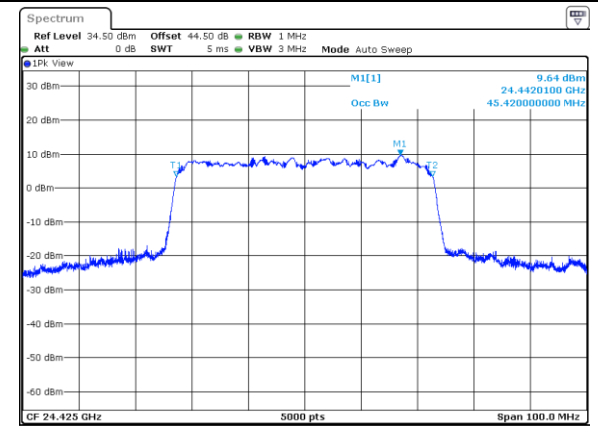
## Middle Channel / 50MHz / 16QAM



## Highest Channel / 50MHz / QPSK



## Highest Channel / 50MHz / 16QAM

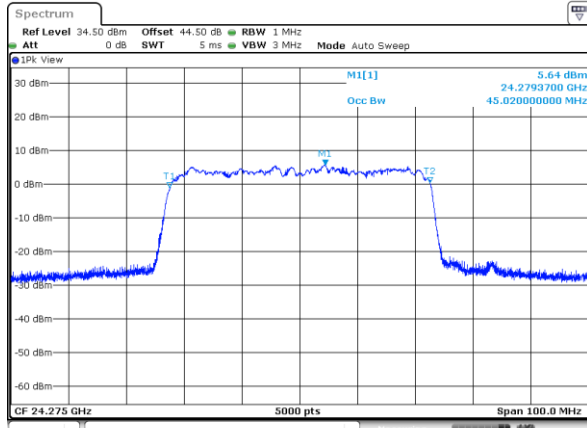




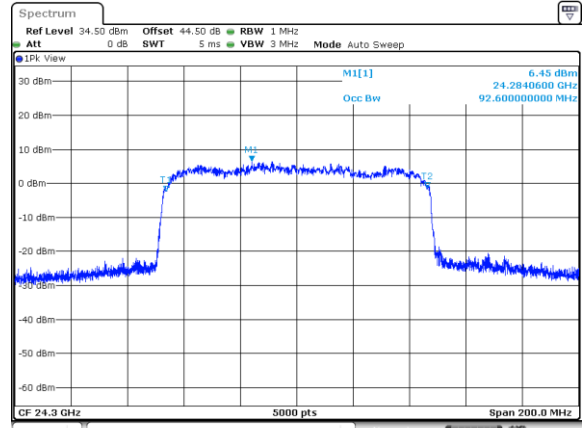
## CP-OFDM Module 0

## NR Band n258a

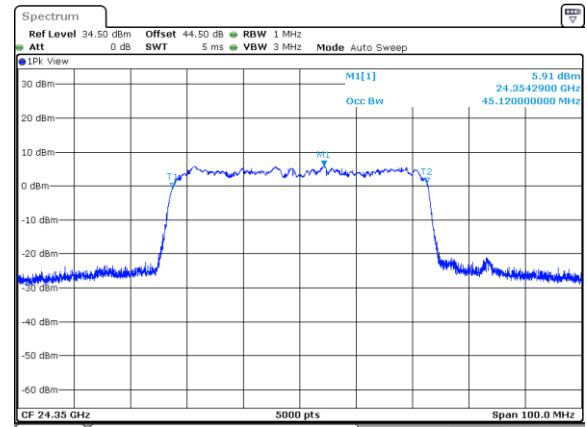
## Lowest Channel / 50MHz / 64QAM



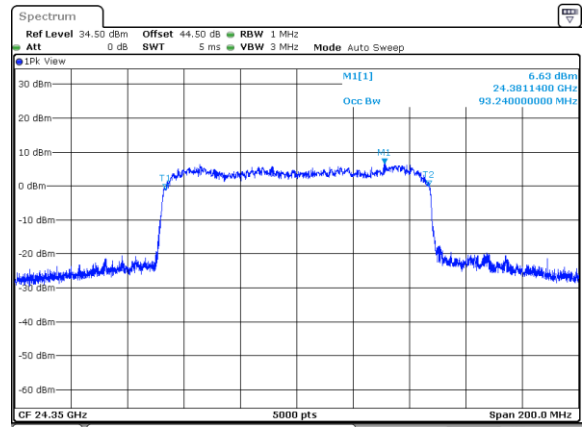
## Lowest Channel / 100MHz / QPSK



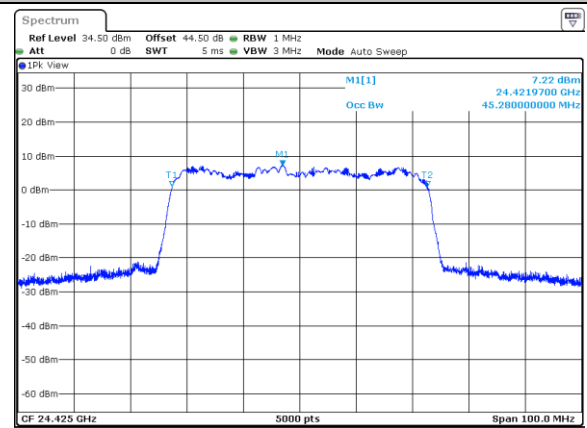
## Middle Channel / 50MHz / 64QAM



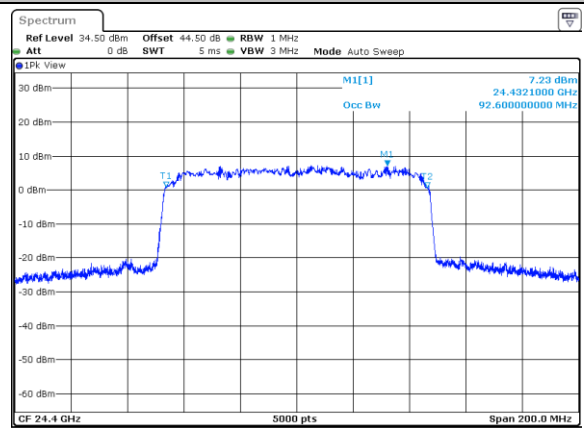
## Middle Channel / 100MHz / QPSK



## Highest Channel / 50MHz / 64QAM



## Highest Channel / 100MHz / QPSK

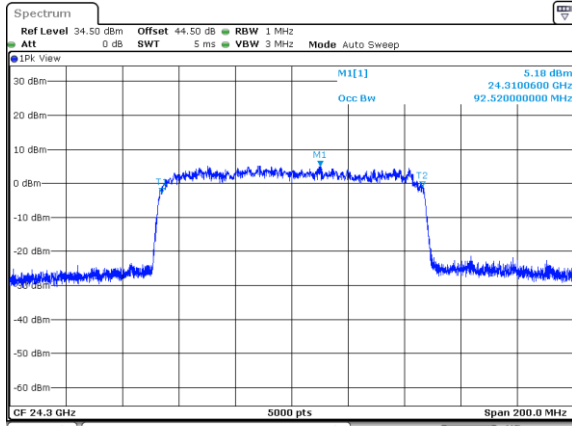




## CP-OFDM Module 0

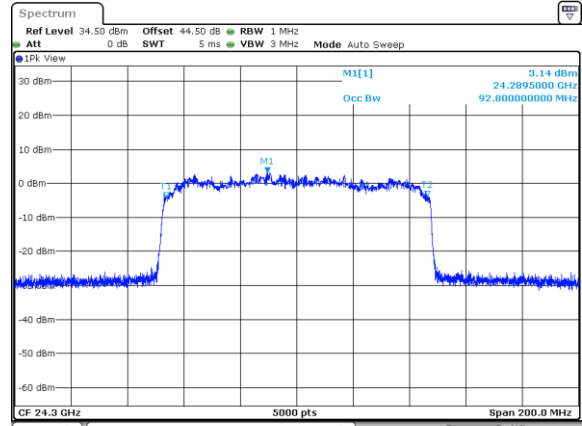
## NR Band n258a

## Lowest Channel / 100MHz / 16QAM



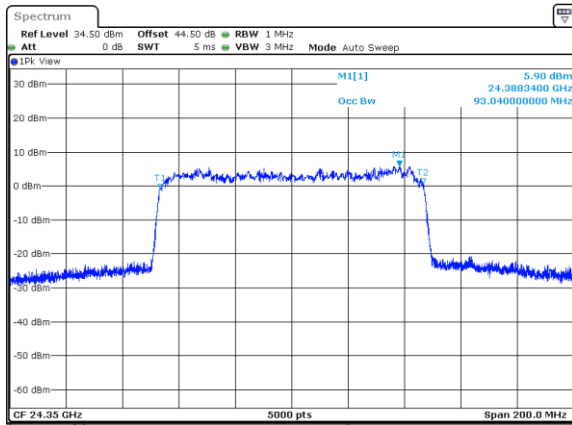
Date: 22.JUL.2020 21:02:18

## Lowest Channel / 100MHz / 64QAM



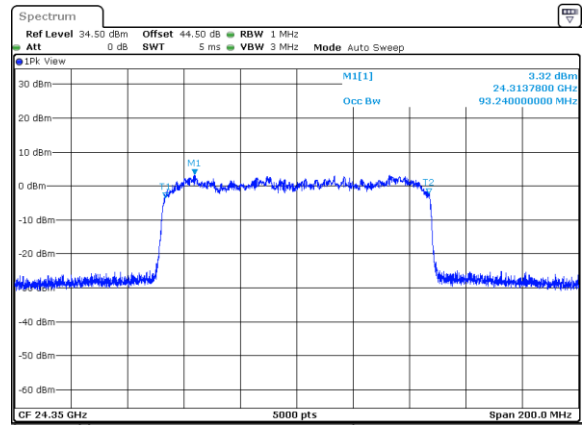
Date: 22.JUL.2020 21:00:59

## Middle Channel / 100MHz / 16QAM



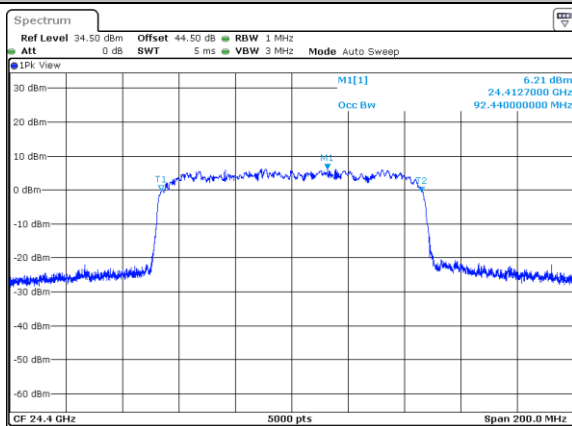
Date: 22.JUL.2020 23:56:20

## Middle Channel / 100MHz / 64QAM



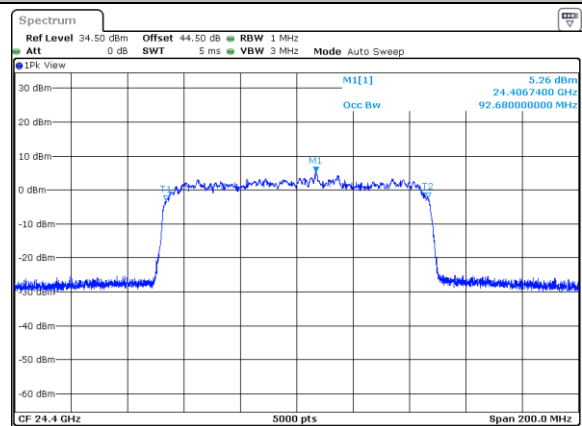
Date: 22.JUL.2020 23:55:30

## Highest Channel / 100MHz / 16QAM



Date: 23.JUL.2020 03:51:26

## Highest Channel / 100MHz / 64QAM



Date: 23.JUL.2020 03:53:01

## Radiated Out of Band Emissions

| Mode        |         |       | DFT-s-OFDM Module 0 NR Band n258a: BE (dBm) 1 RB |        |        |        |        |        |        |        |
|-------------|---------|-------|--------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| BW          |         |       | 50MHz                                            |        |        |        | 100MHz |        |        |        |
| Limit (dBm) |         |       | BPSK                                             | QPSK   | 16QAM  | 64QAM  | BPSK   | QPSK   | 16QAM  | 64QAM  |
| Low CH      | 0~10%OB | ≤ -5  | -20.94                                           | -19.53 | -21.36 | -23.18 | -23.44 | -23.37 | -24.09 | -25.38 |
|             | >10%OB  | ≤ -13 | -34                                              | -33.66 | -34.21 | -34.54 | -34.34 | -34.26 | -34.46 | -34.75 |
| High CH     | 0~10%OB | ≤ -5  | -20.81                                           | -19.69 | -20.75 | -22.4  | -23.51 | -22.51 | -23.14 | -25.47 |
|             | >10%OB  | ≤ -13 | -34.12                                           | -33.75 | -34.15 | -34.72 | -34.7  | -34.63 | -35.01 | -35.17 |
| Result      |         |       | Compliance                                       |        |        |        |        |        |        |        |

| Mode        |         |       | CP-OFDM Module 0 NR Band n258a: BE (dBm) 1 RB |        |        |        |        |        |
|-------------|---------|-------|-----------------------------------------------|--------|--------|--------|--------|--------|
| BW          |         |       | 50MHz                                         |        |        | 100MHz |        |        |
| Limit (dBm) |         |       | QPSK                                          | 16QAM  | 64QAM  | QPSK   | 16QAM  | 64QAM  |
| Low CH      | 0~10%OB | ≤ -5  | -22.93                                        | -23.79 | -25.34 | -24.26 | -24.83 | -26.54 |
|             | >10%OB  | ≤ -13 | -34.31                                        | -34.51 | -34.62 | -34.7  | -34.72 | -34.72 |
| High CH     | 0~10%OB | ≤ -5  | -21.93                                        | -23.22 | -24.15 | -23.12 | -23.88 | -27.36 |
|             | >10%OB  | ≤ -13 | -34.47                                        | -34.75 | -34.92 | -35.02 | -35.03 | -35.04 |
| Result      |         |       | Compliance                                    |        |        |        |        |        |

| Mode        |         |       | DFT-s-OFDM Module 0 NR Band n258a: BE (dBm) Full RB |        |        |        |        |        |        |        |
|-------------|---------|-------|-----------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| BW          |         |       | 50MHz                                               |        |        |        | 100MHz |        |        |        |
| Limit (dBm) |         |       | BPSK                                                | QPSK   | 16QAM  | 64QAM  | BPSK   | QPSK   | 16QAM  | 64QAM  |
| Low CH      | 0~10%OB | ≤ -5  | -31.39                                              | -28.92 | -30.21 | -31.77 | -32.54 | -31.03 | -32.31 | -33.53 |
|             | >10%OB  | ≤ -13 | -33.67                                              | -30.71 | -31.53 | -33.12 | -34.15 | -32.32 | -32.79 | -33.79 |
| High CH     | 0~10%OB | ≤ -5  | -29.58                                              | -26.13 | -28.02 | -30.36 | -32.82 | -29.39 | -30.8  | -32.59 |
|             | >10%OB  | ≤ -13 | -32.43                                              | -27.71 | -29.52 | -31.67 | -34.09 | -30.57 | -31.49 | -33.02 |
| Result      |         |       | Compliance                                          |        |        |        |        |        |        |        |

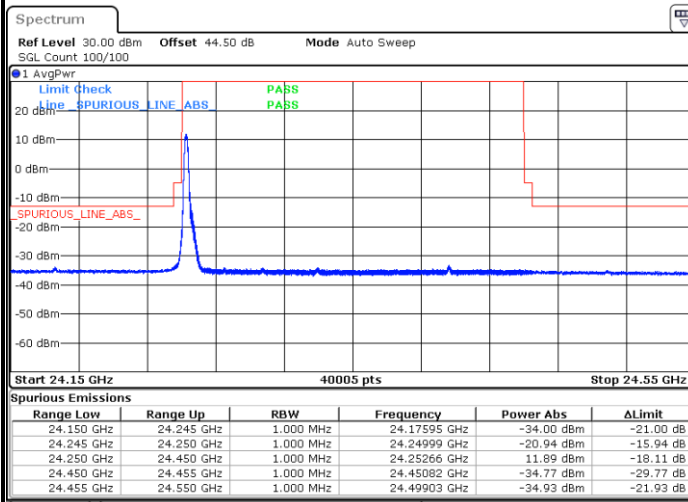
| Mode        |         |       | CP-OFDM Module 0 NR Band n258a: BE (dBm) Full RB |        |        |        |        |        |
|-------------|---------|-------|--------------------------------------------------|--------|--------|--------|--------|--------|
| BW          |         |       | 50MHz                                            |        |        | 100MHz |        |        |
| Limit (dBm) |         |       | QPSK                                             | 16QAM  | 64QAM  | QPSK   | 16QAM  | 64QAM  |
| Low CH      | 0~10%OB | ≤ -5  | -29.14                                           | -29.66 | -32.88 | -31.72 | -32.31 | -33.83 |
|             | >10%OB  | ≤ -13 | -30.56                                           | -30.94 | -33.79 | -32.68 | -33.02 | -34.27 |
| High CH     | 0~10%OB | ≤ -5  | -26.55                                           | -27.32 | -31.2  | -29.71 | -30.29 | -33.23 |
|             | >10%OB  | ≤ -13 | -28.08                                           | -29.57 | -32.96 | -30.84 | -31.49 | -34.04 |
| Result      |         |       | Compliance                                       |        |        |        |        |        |



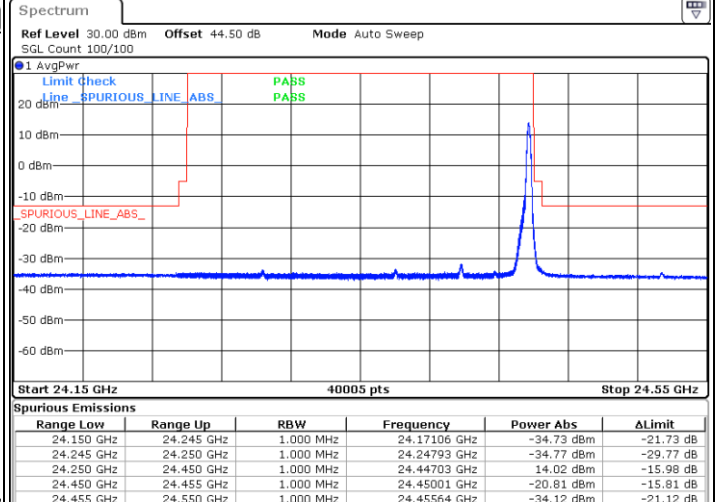
## DFT-s-OFDM Module 0

## NR Band n258a/ 50MHz / BPSK

## Lowest Band Edge / 1 RB

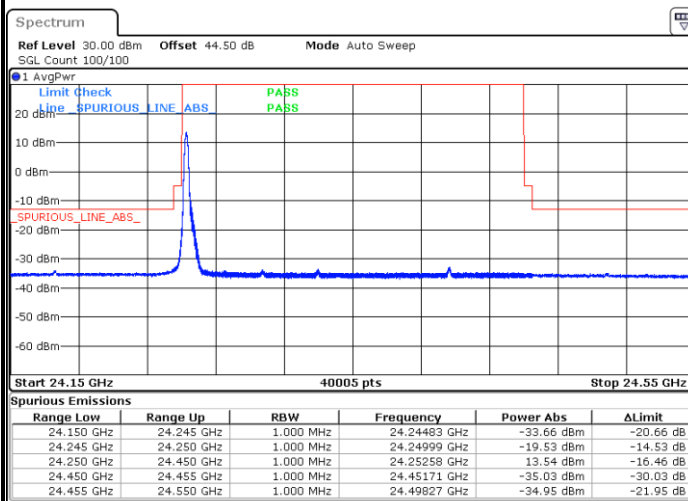


## Highest Band Edge / 1 RB

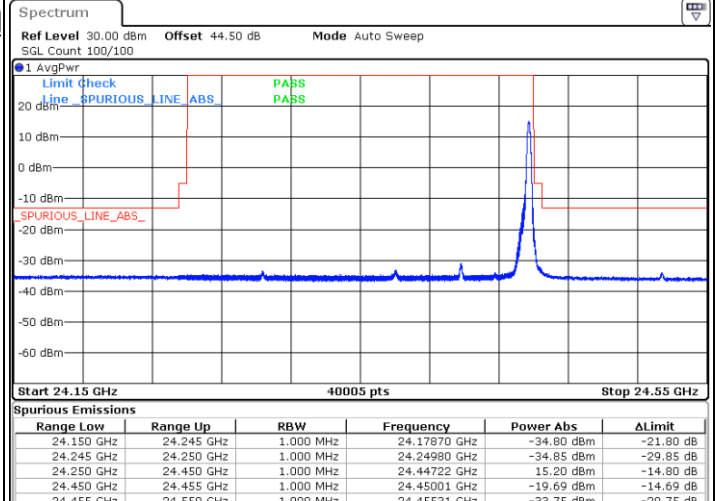


## NR Band n258a/ 50MHz / QPSK

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB

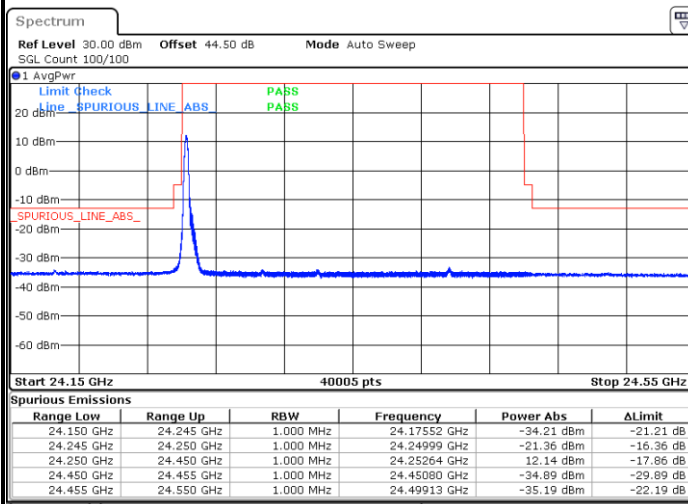




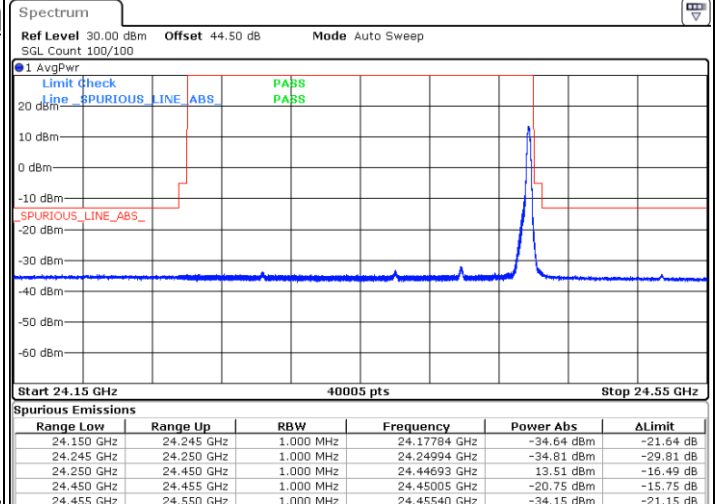
## DFT-s-OFDM Module 0

## NR Band n258a/ 50MHz / 16QAM

## Lowest Band Edge / 1 RB

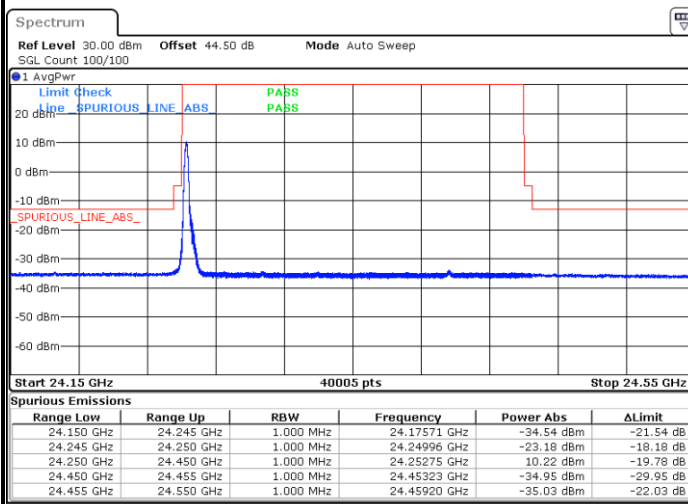


## Highest Band Edge / 1 RB

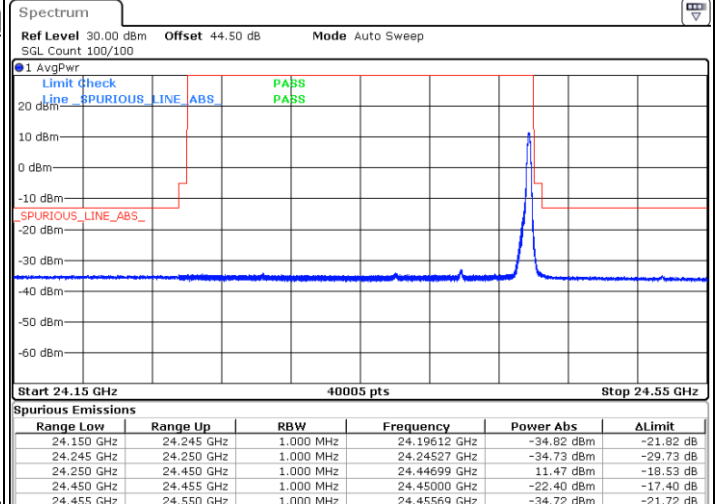


## NR Band n258a/ 50MHz / 64QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB

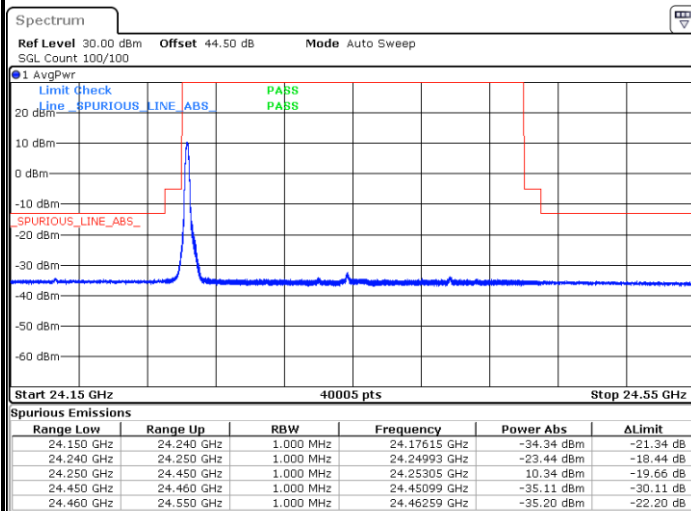




## DFT-s-OFDM Module 0

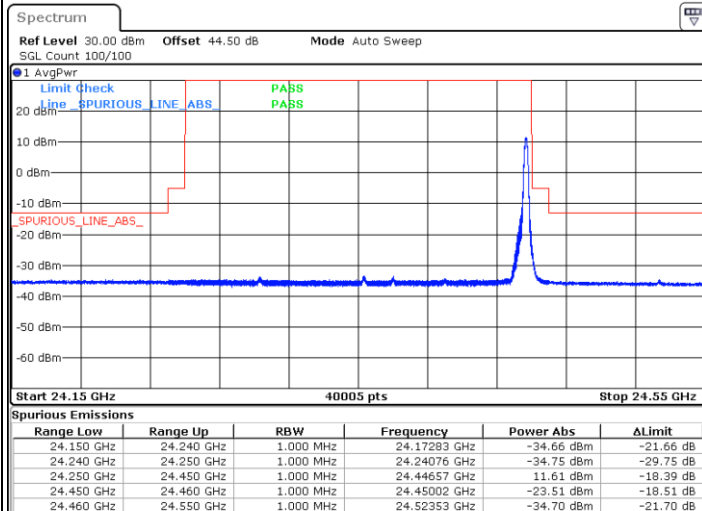
## NR Band n258a/ 100MHz / BPSK

## Lowest Band Edge / 1 RB



Date: 22.JUL.2020 20:31:07

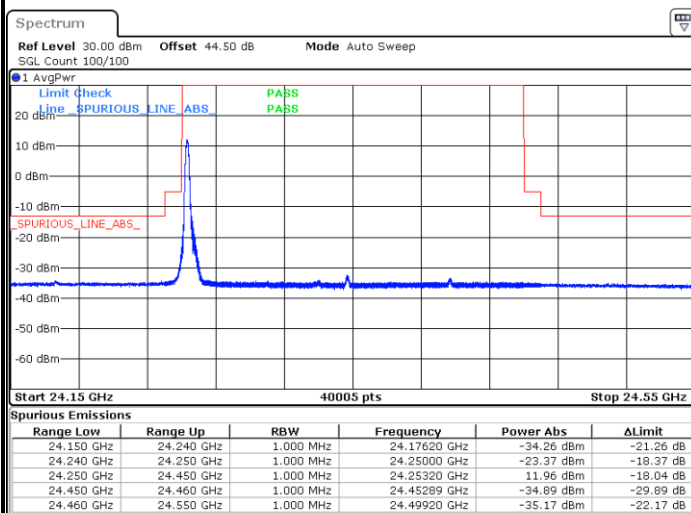
## Highest Band Edge / 1 RB



Date: 23.JUL.2020 03:39:17

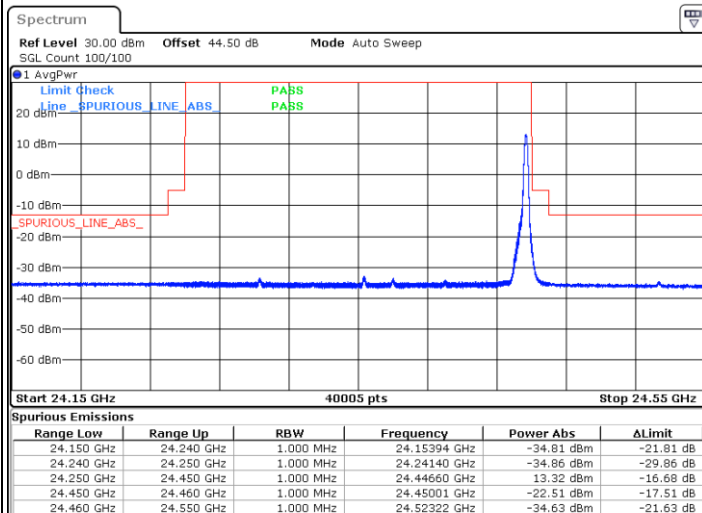
## NR Band n258a/ 100MHz / QPSK

## Lowest Band Edge / 1 RB



Date: 22.JUL.2020 20:34:46

## Highest Band Edge / 1 RB



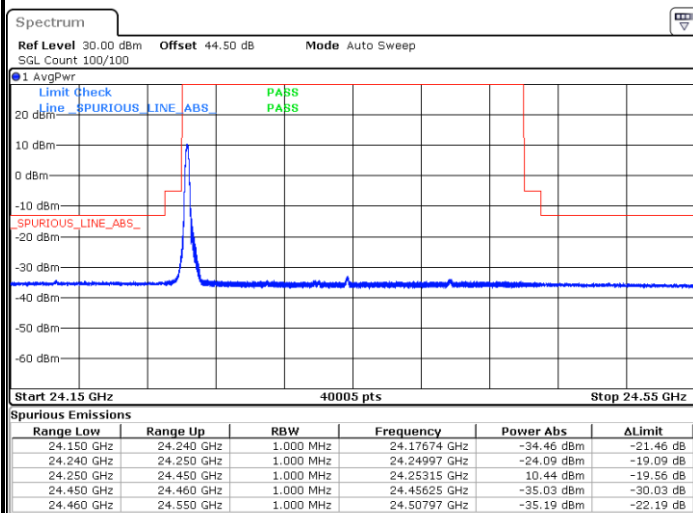
Date: 23.JUL.2020 03:37:15



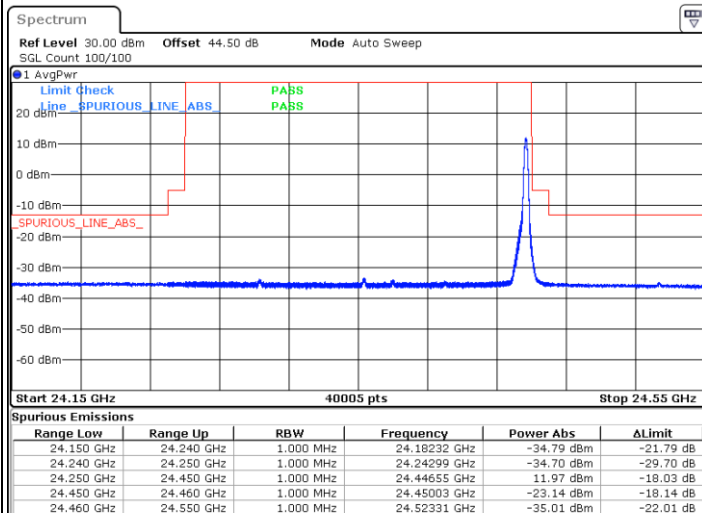
## DFT-s-OFDM Module 0

## NR Band n258a/ 100MHz / 16QAM

## Lowest Band Edge / 1 RB

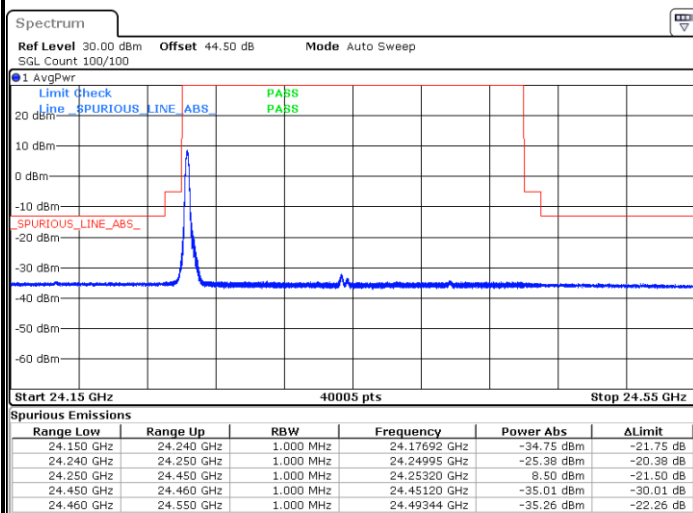


## Highest Band Edge / 1 RB

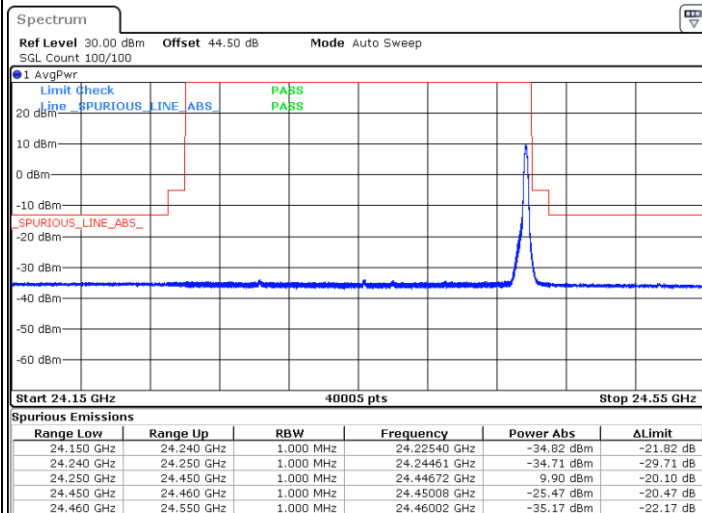


## NR Band n258a/ 100MHz / 64QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB

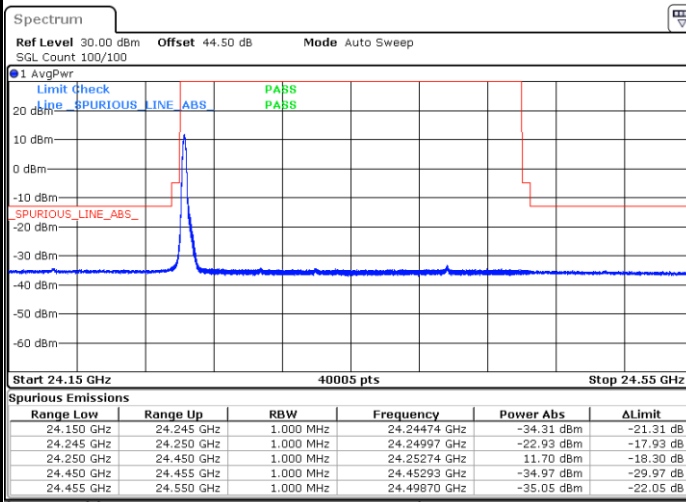




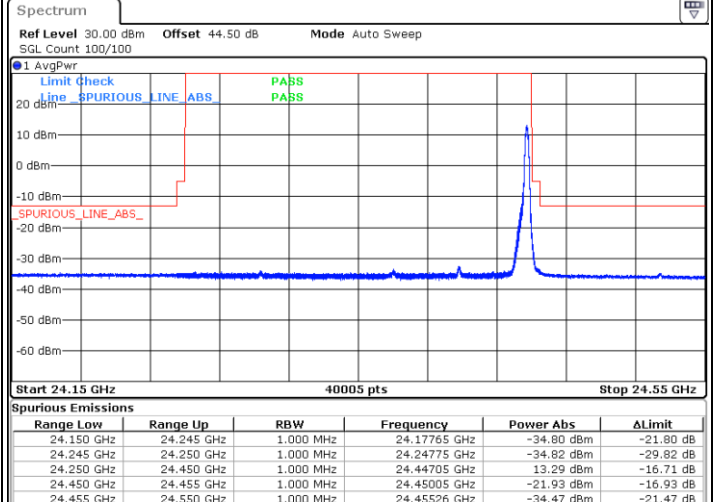
## CP-OFDM Module 0

## NR Band n258a/ 50MHz / QPSK

## Lowest Band Edge / 1 RB

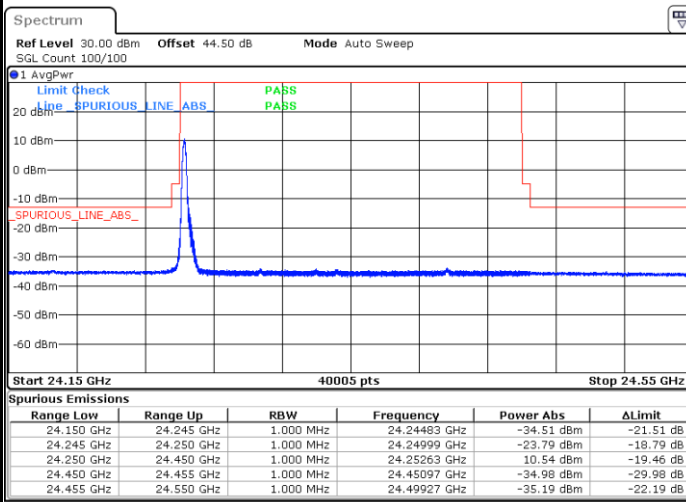


## Highest Band Edge / 1 RB

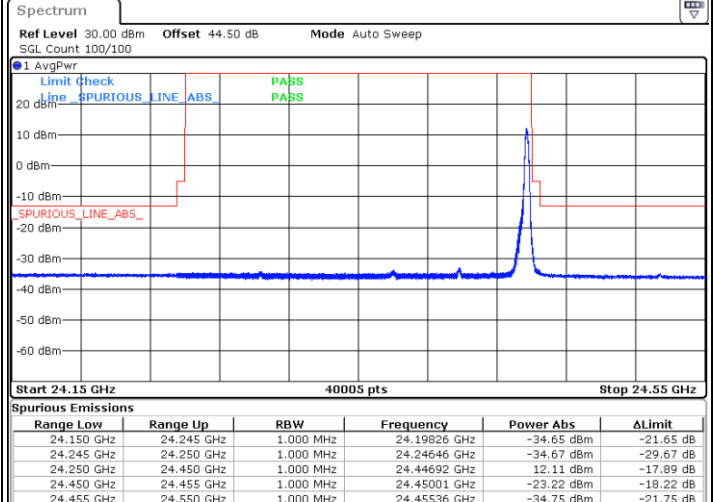


## NR Band n258a/ 50MHz / 16QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB

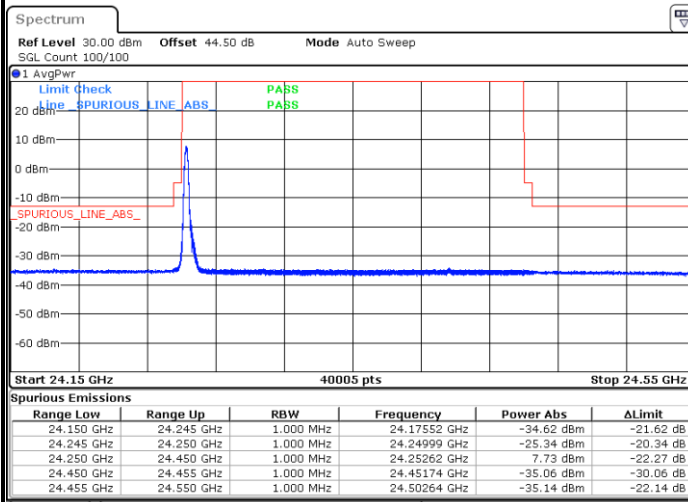




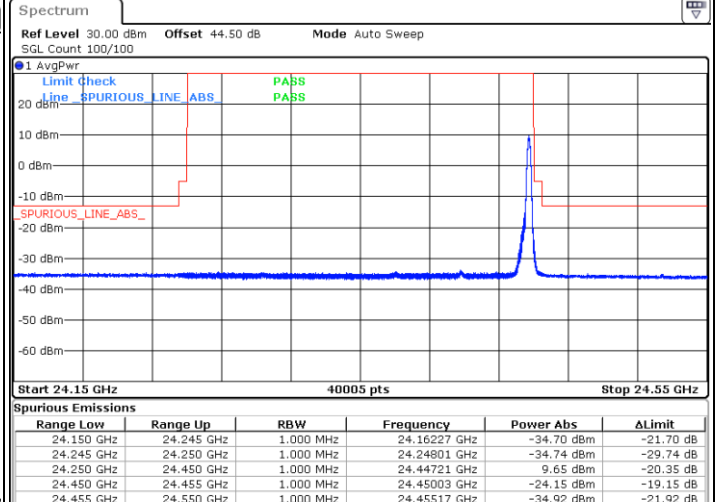
## CP-OFDM Module 0

## NR Band n258a/ 50MHz / 64QAM

## Lowest Band Edge / 1 RB

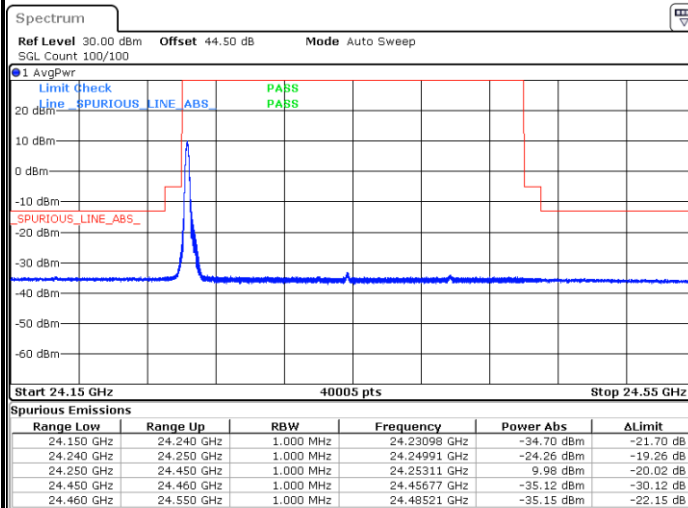


## Highest Band Edge / 1 RB

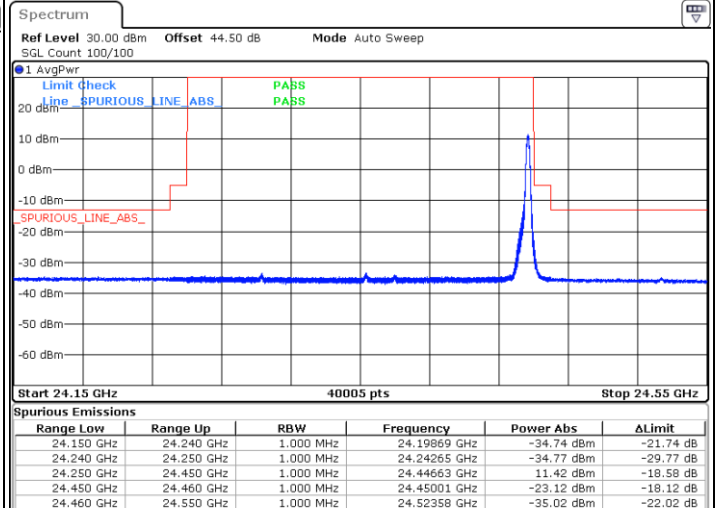


## NR Band n258a/ 100MHz / QPSK

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB

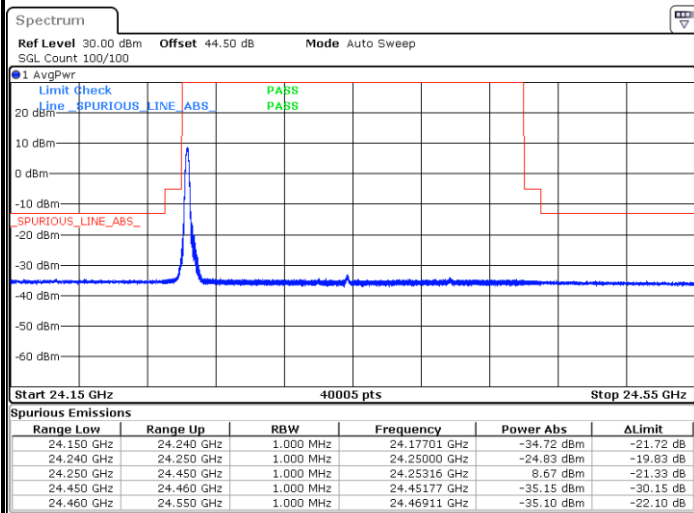




## CP-OFDM Module 0

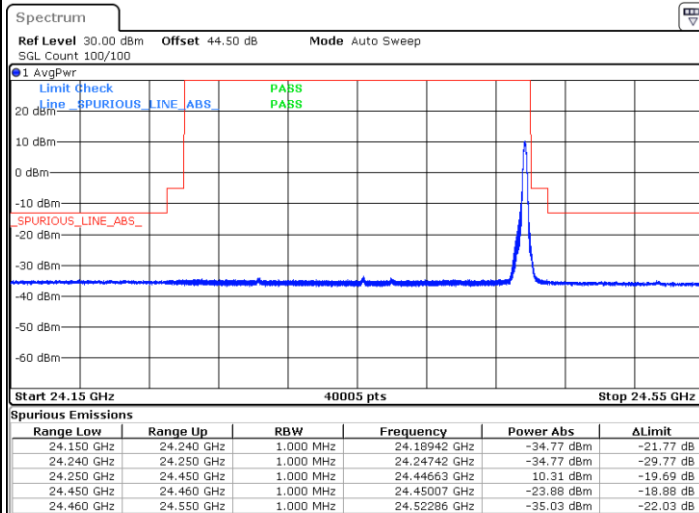
## NR Band n258a/ 100MHz / 16QAM

## Lowest Band Edge / 1 RB



Date: 22.JUL.2020 20:59:01

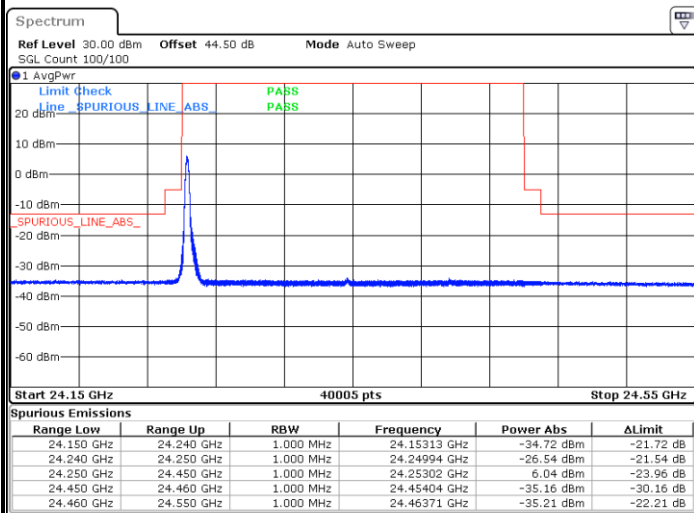
## Highest Band Edge / 1 RB



Date: 23.JUL.2020 03:57:50

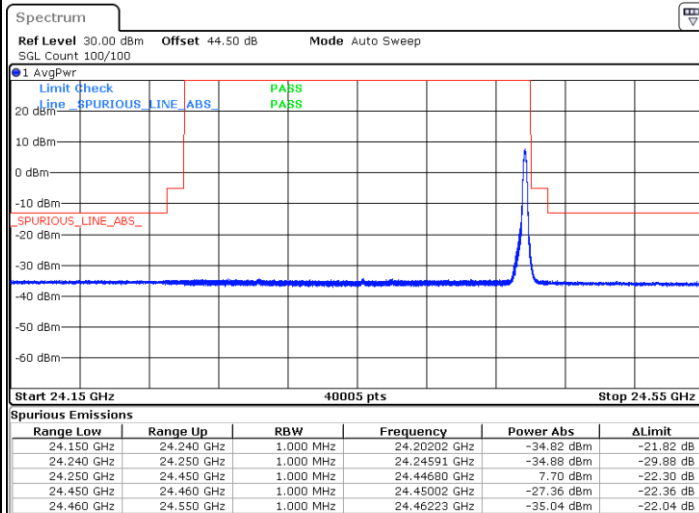
## NR Band n258a/ 100MHz / 64QAM

## Lowest Band Edge / 1 RB



Date: 22.JUL.2020 21:00:09

## Highest Band Edge / 1 RB



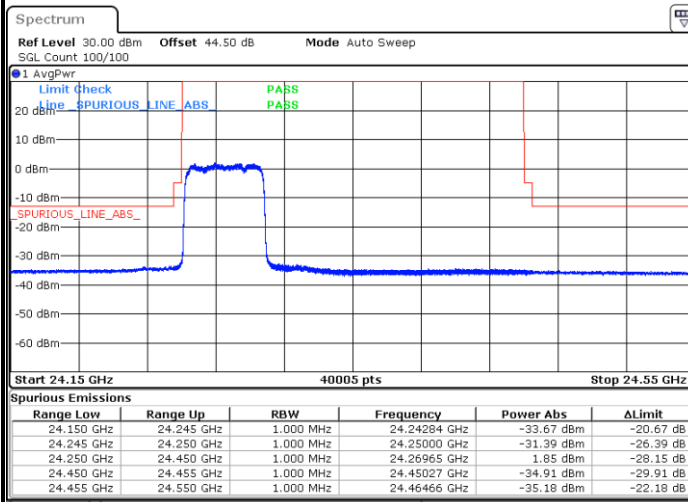
Date: 23.JUL.2020 03:58:52



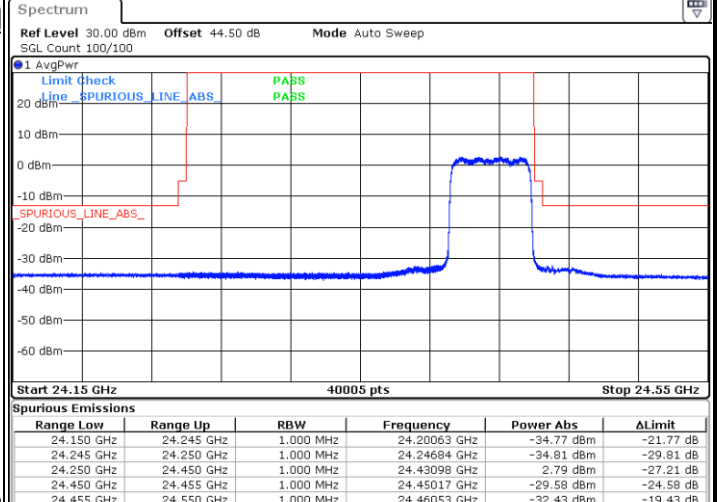
## DFT-s-OFDM Module 0

## NR Band n258a/ 50MHz / BPSK

## Lowest Band Edge / Full RB

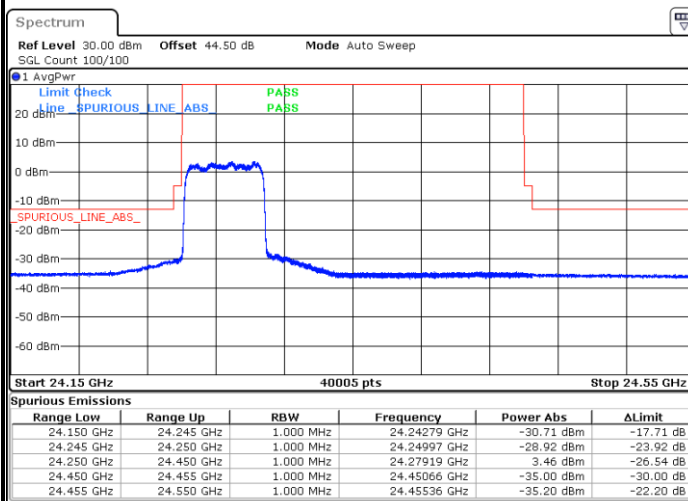


## Highest Band Edge / Full RB

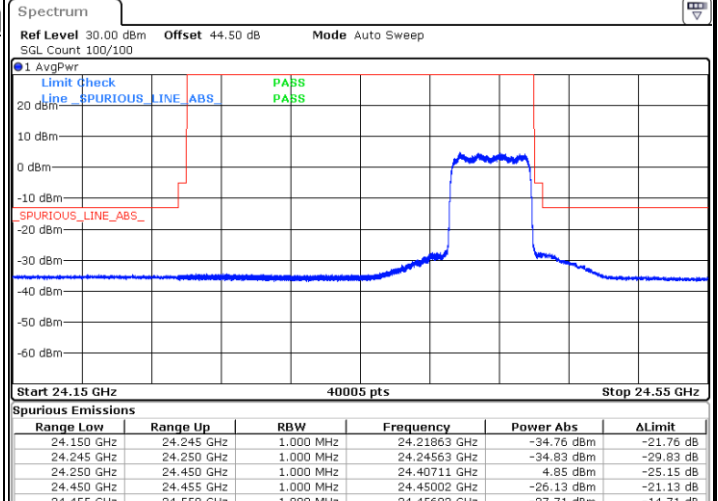


## NR Band n258a/ 50MHz / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

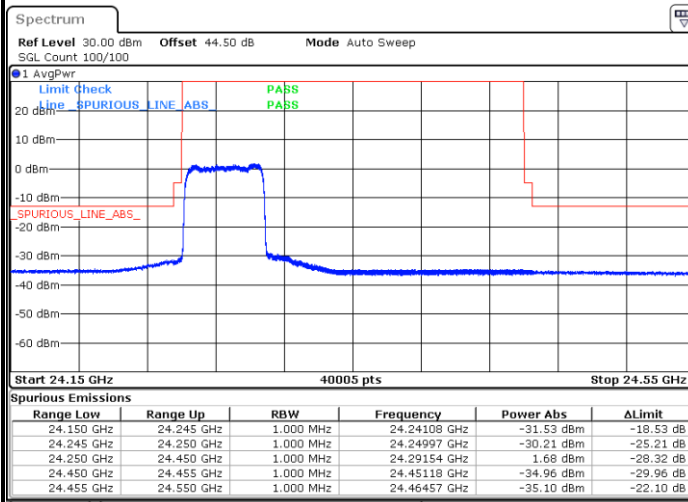




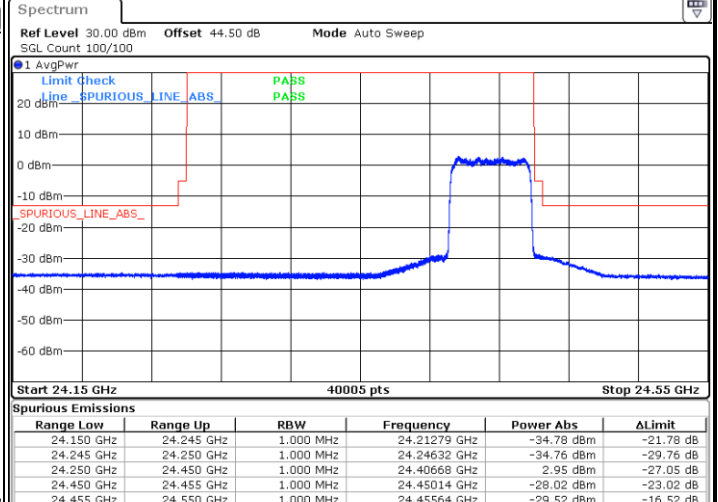
## DFT-s-OFDM Module 0

## NR Band n258a/ 50MHz / 16QAM

## Lowest Band Edge / Full RB

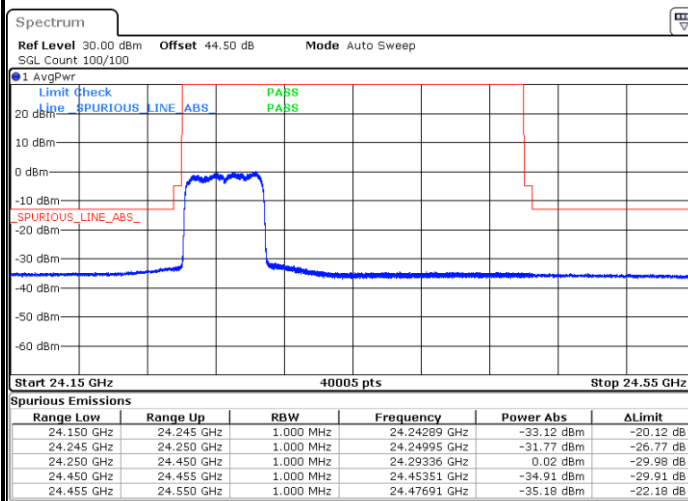


## Highest Band Edge / Full RB

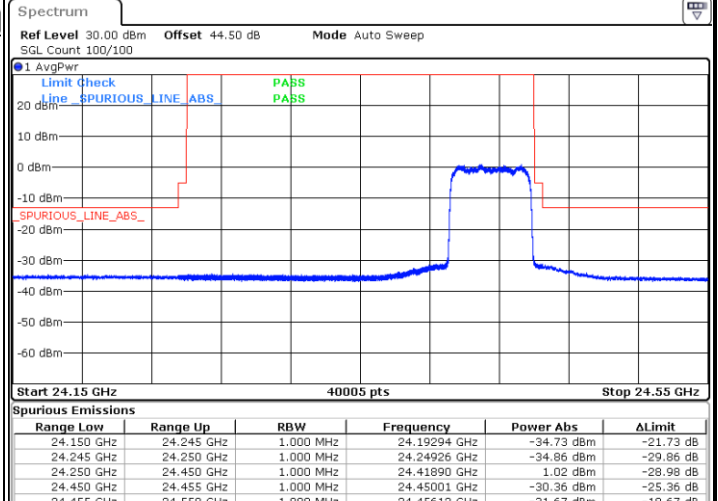


## NR Band n258a/ 50MHz / 64QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

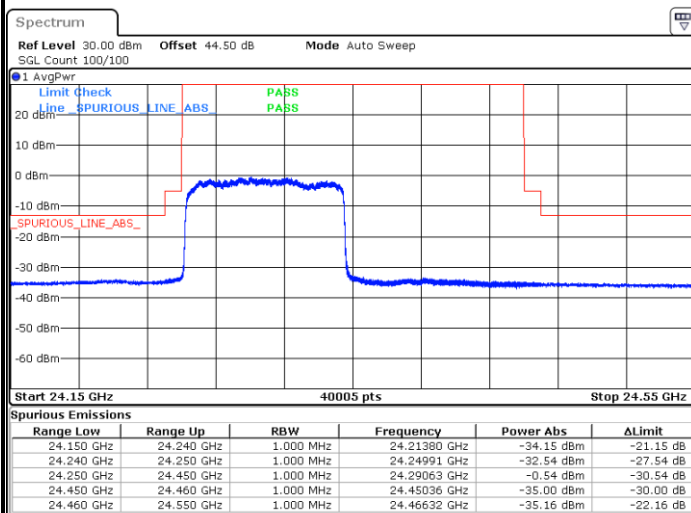




## DFT-s-OFDM Module 0

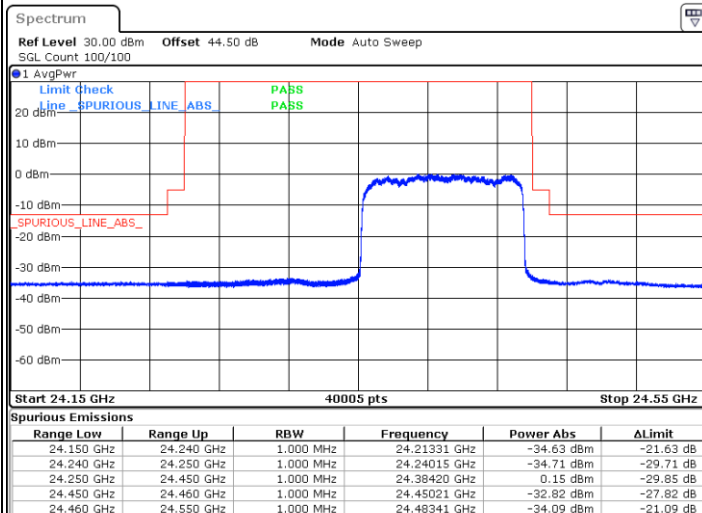
## NR Band n258a/ 100MHz / BPSK

## Lowest Band Edge / Full RB



Date: 22.JUL.2020 20:30:05

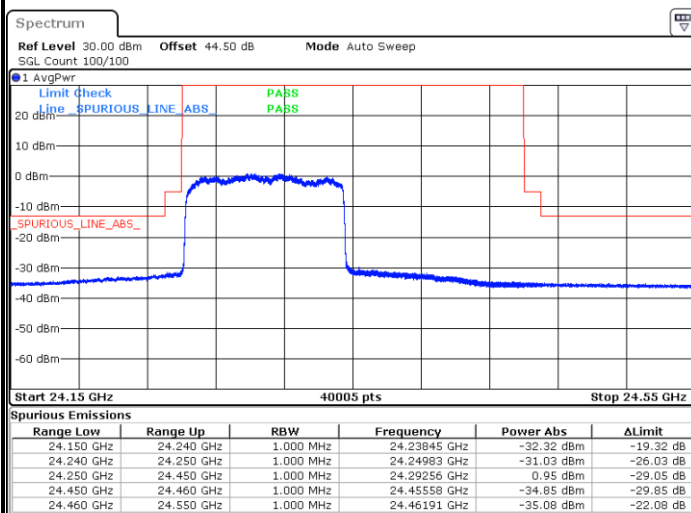
## Highest Band Edge / Full RB



Date: 23.JUL.2020 03:31:11

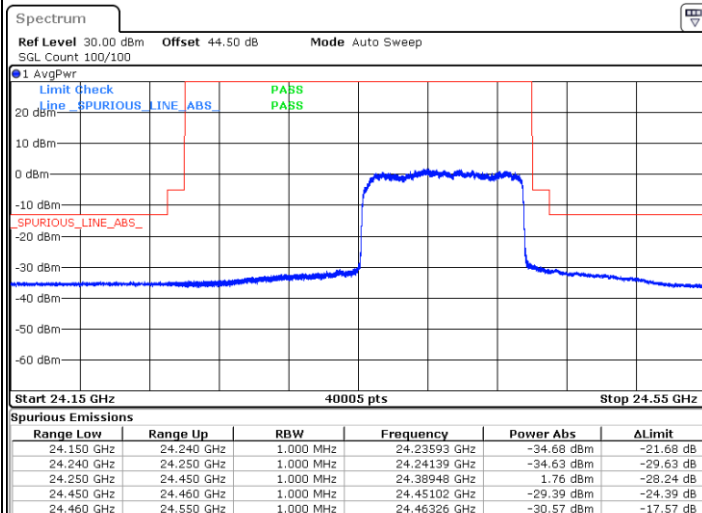
## NR Band n258a/ 100MHz / QPSK

## Lowest Band Edge / Full RB



Date: 22.JUL.2020 20:26:57

## Highest Band Edge / Full RB



Date: 23.JUL.2020 03:02:02