

## FCC Test Report (Part 20 / Part 30)

**Report No.:** RF200130C10-1

**FCC ID:** NKR-TR1V1-IDU

**Test Model:** TR1V1

**Received Date:** Jan. 31, 2020

**Test Date:** Feb. 22 ~ Mar. 11, 2020

**Issued Date:** Mar. 13, 2020

**Applicant:** Wistron NeWeb Corp.

**Address:** 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C.

**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Lin Kou Laboratories

**Lab Address:** No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

**Test Location:** No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City  
33383, Taiwan

**FCC Registration /** 788550 / TW0003

**Designation Number:**



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### Release Control Record

| Issue No.     | Description       | Date Issued   |
|---------------|-------------------|---------------|
| RF200130C10-1 | Original release. | Mar. 13, 2020 |

## 1 Certificate of Conformity

**Product:** Verizon 5G Extender

**Brand:** Verizon

**Test Model:** TR1V1

**Sample Status:** ENGINEERING SAMPLE

**Applicant:** Wistron NeWeb Corp.

**Test Date:** Feb. 22 ~ Mar. 11, 2020

**Standards:** 47 CFR FCC Part 2  
47 CFR FCC Part 20  
47 CFR FCC Part 30  
ANSI C63.26:2015

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

**Prepared by :**



, **Date:** Mar. 13, 2020

Pettie Chen / Senior Specialist

**Approved by :**



, **Date:** Mar. 13, 2020

Dylan Chiou / Senior Project Engineer

## 2 Summary of Test Results

| 47 CFR FCC Part 20 & 30   |                                                                              |             |                |                                |
|---------------------------|------------------------------------------------------------------------------|-------------|----------------|--------------------------------|
| FCC Clause                | Test Item                                                                    | Test Result | Test Condition | Remarks                        |
| 2.1047                    | Modulation characteristics                                                   | PASS        | Radiated       | Meet the requirement of limit. |
| 2.1046<br>30.202<br>20.21 | Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain | Pass        | Radiated       | Meet the requirement of limit. |
| 30.202                    | EIRP                                                                         | Pass        | Radiated       | Meet the requirement of limit. |
| 2.1049                    | Occupied Bandwidth / Emission Bandwidth                                      | Pass        | Radiated       | Meet the requirement of limit. |
| 20.21                     | Input-Versus-Output Signal Comparison                                        | Pass        | Radiated       | Meet the requirement of limit. |
| 2.1053<br>30.203<br>20.21 | Radiated Spurious Emissions                                                  | Pass        | Radiated       | Meet the requirement of limit. |
| 2.1053<br>30.203<br>20.21 | Out-of-Band/Out of Block/ Band Edge Emissions                                | Pass        | Radiated       | Meet the requirement of limit. |
| 20.21                     | Out-of-Band Rejection                                                        | Pass        | Radiated       | Meet the requirement of limit. |
| 2.1055<br>20.21           | Frequency Stability                                                          | Pass        | Radiated       | Meet the requirement of limit. |

Note:

Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement        | Frequency        | Uncertainty |
|--------------------|------------------|-------------|
| Radiated emissions | 9kHz ~ 30MHz     | 3.04 dB     |
|                    | 30MHz ~ 200MHz   | 3.63 dB     |
|                    | 200MHz ~ 1000MHz | 3.64 dB     |
|                    | 1GHz ~ 18GHz     | 2.29 dB     |
|                    | 18GHz ~ 40GHz    | 2.29 dB     |

### 2.2 Modification Record

There were no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                      | Verizon 5G Extender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brand                        | Verizon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test Model                   | TR1V1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Status of EUT                | ENGINEERING SAMPLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power Supply Rating          | 12Vdc from adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Modulation Type              | QPSK, 16QAM, 64QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating Frequency          | n261:27.5 GHz ~ 28.35 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Supported Channel Bandwidth  | 100MHz, 200MHz, 400MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Subcarrier spacing (SCS)     | 120 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Supported Component Carriers | 1CC, 2CC, 4CC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Max. E.I.R.P. Power (RMS)    | Relay: 24.36 dBm (H+V)<br>Donor: 41.06 dBm (H+V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Antenna Type                 | Refer to Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accessory Device             | Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Accessory Device             | Refer to Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Data Cable Supplied          | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Antenna Information          | <p>Donor: There are two 4x8 array antennas, one for UL and the other for DL, and they do not operate simultaneously of each other. Each array antenna consists of Horizontal beam(b1) and Vertical beam(b2) and they can operate simultaneously. As for beam-steering mechanism, it sweeps beam 0~57 in the codebook to get best link.</p> <p>Relay: There are two 2x4 array antennas, one for UL and the other for DL, and they do not operate simultaneously of each other. Each array antenna consists of Horizontal beam(b1) and Vertical beam(b2) and they can operate simultaneously. No beam-steering mechanism for relay antennas, and all patches are excited uniformly.</p> |

Note:

1. The EUT consumes power from the following adapter.

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| Brand        | DELTA                                                                                             |
| Model        | ADP-48GR B                                                                                        |
| Input Power  | 100-240Vac, 50/60Hz, 1A                                                                           |
| Output Power | 12Vdc, 4A                                                                                         |
| Power Line   | DC: 2.9m cable without core attached on adapter<br>AC: 1.7m non-shielded power cable without core |

2. There are 5G NR and Bluetooth technology used for the EUT.

### 3. Simultaneously transmission condition.

| Condition | Technology   |           |
|-----------|--------------|-----------|
| 1         | 5G NR (n261) | Bluetooth |

**Note:** The emission of the simultaneous operation has been evaluated and no non-compliance was found.

### 4. The EUT contains two modules for millimeter wave.

| Millimeter wave module |        |
|------------------------|--------|
| Radio Module           | Status |
| Module 1 (Relay)       | Active |
| Module 2 (Donor)       | Active |

### 5. The worst beam ID:

| Band | Module | Beam ID   |
|------|--------|-----------|
| n261 | Donor  | 1 & 10    |
|      | Module | Beam      |
|      | Relay  | Full Beam |

\*The worst beams are defined from the EIRP simulation report.

\*These modes were investigated and the worst case scenario was identified. The worst case data were presented in test report.

### 6. The EUT was tested under the following modes:

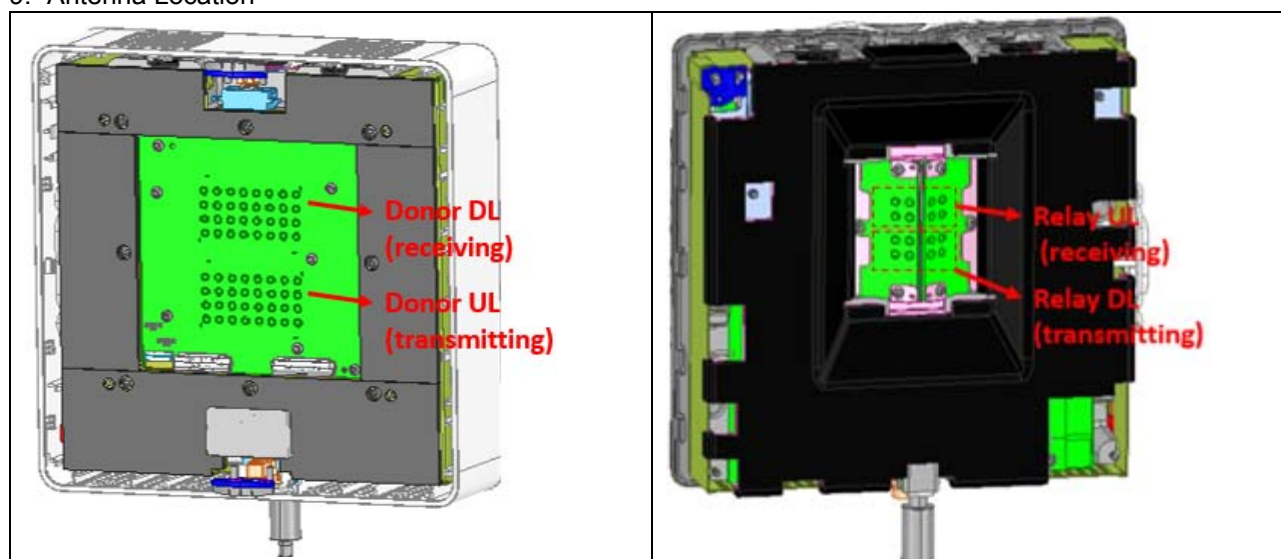
| For Radiated Emission test |                             |                      |
|----------------------------|-----------------------------|----------------------|
| Test Mode                  | Description                 | Antenna polarization |
| Mode A                     | Donor Input to Relay Output | H+V, H, V            |
| Mode B                     | Relay Input to Donor Output | H+V, H, V            |

### 7. The following antenna was provided to the EUT:

| Ant. No.      | Freq. range (MHz) | Ant. Type     | Connector Type |
|---------------|-------------------|---------------|----------------|
| 5G NR Antenna | 27500~28350       | Array Antenna | NA             |

8. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

### 9. Antenna Location





### 3.2 Description of Test Modes

| Band | Channel Bandwidth (MHz) | Channel | Antenna polarization |
|------|-------------------------|---------|----------------------|
| n261 | 100, 200, 400           | Low     | H+V, H, V            |
|      |                         | Middle  |                      |
|      |                         | High    |                      |

#### 3.2.1 Test Mode Applicability and Tested Channel Detail

Test results are presented in the report as below.

| For Radiated Emission test |                                     |                      |
|----------------------------|-------------------------------------|----------------------|
| Test Mode                  | Description                         | Antenna polarization |
| Mode A                     | Donor Input(RX) to Relay Output(TX) | H+V, H, V            |
| Mode B                     | Relay Input(RX) to Donor Output(TX) | H+V, H, V            |

The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane.

| EUT Configure Mode | Test Item                                                                    | Modulation           | Test Carriers        | Test Channel | Beam ID   |
|--------------------|------------------------------------------------------------------------------|----------------------|----------------------|--------------|-----------|
| A                  | Modulation characteristics                                                   | QPSK / 16QAM / 64QAM | 1CC                  | M            | Full Beam |
| A                  | Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain | QPSK                 | 1CC                  | M            | Full Beam |
| A                  | EIRP                                                                         | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | L, M, H      | Full Beam |
| A                  | Occupied Bandwidth / Emission Bandwidth                                      | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | M            | Full Beam |
| A                  | Input-Versus-Output Signal Comparison                                        | QPSK / 16QAM / 64QAM | 1CC                  | M            | Full Beam |
| A                  | Radiated Spurious Emissions                                                  | QPSK / 16QAM / 64QAM | 1CC                  | L, M, H      | Full Beam |
| A                  | Out-of-Band/Out of Block/ Band Edge Emissions                                | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | L, M, H      | Full Beam |
| A                  | Out-of-Band Rejection                                                        | CW                   | Full Frequency Range | --           | Full Beam |
| A                  | Frequency Stability                                                          | CW                   | 1CC                  | M            | Full Beam |

Note: All test result have been consider correction factor for more detail values please refer to "Test Report (B2I) part6".

| EUT Configure Mode | Test Item                                                                    | Modulation           | Test Carriers        | Test Channel | Beam ID |
|--------------------|------------------------------------------------------------------------------|----------------------|----------------------|--------------|---------|
| B                  | Modulation characteristics                                                   | QPSK / 16QAM / 64QAM | 1CC                  | M            | 10      |
| B                  | Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain | QPSK                 | 1CC                  | M            | 10      |
| B                  | EIRP                                                                         | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | L, M, H      | 1 & 10  |
| B                  | Occupied Bandwidth / Emission Bandwidth                                      | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | M            | 10      |
| B                  | Input-Versus-Output Signal Comparison                                        | QPSK / 16QAM / 64QAM | 1CC                  | M            | 10      |
| B                  | Radiated Spurious Emissions                                                  | QPSK / 16QAM / 64QAM | 1CC                  | L, M, H      | 1 & 10  |
| B                  | Out-of-Band/Out of Block/ Band Edge Emissions                                | QPSK / 16QAM / 64QAM | 1CC, 2CC, 4CC        | L, M, H      | 1 & 10  |
| B                  | Out-of-Band Rejection                                                        | CW                   | Full Frequency Range | --           | 10      |
| B                  | Frequency Stability                                                          | CW                   | 1CC                  | M            | 10      |

Note: All test result have been consider correction factor for more detail values please refer to “Test Report (B2I) part6”.

**Test Condition:**

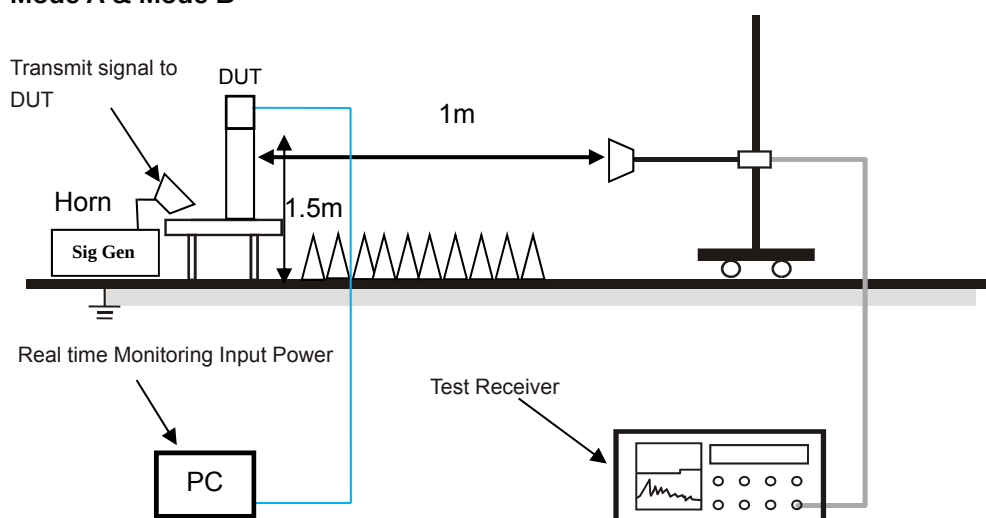
| Test Item                                                                    | Environmental Conditions | Input Power  | Tested By  |
|------------------------------------------------------------------------------|--------------------------|--------------|------------|
| Modulation characteristics                                                   | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| EIRP                                                                         | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Occupied Bandwidth / Emission Bandwidth                                      | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Input-Versus-Output Signal Comparison                                        | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Radiated Spurious Emissions                                                  | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Out-of-Band/Out of Block/ Band Edge Emissions                                | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Out-of-Band Rejection                                                        | 21deg. C, 71%RH          | 120Vac, 60Hz | Noah Chang |
| Frequency Stability                                                          | 21deg. C, 71%RH          | 120Vac, 60Hz | Leo Tsai   |

### 3.3 EUT Operating Conditions

1. Power on DUT to receive signal generator RF Signal.
2. Connect to DUT via USB cable to configuration DUT test channels, modulation type and bandwidth modes from PC.
3. Using a signal generator through horn antenna to transmit RF signal to input side of the DUT by radiated.
4. Using test tools to monitoring DUT input signal level during the testing.
5. Perform all test items for both Donor and Relay sides.

### 3.4 Test Setup

#### Mode A & Mode B



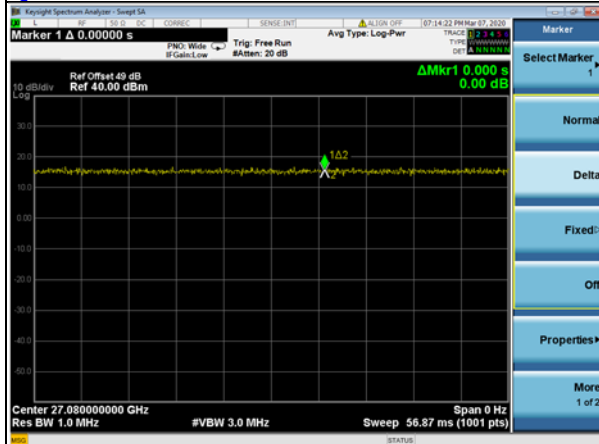
### 3.5 Duty Cycle of Test Signal

Duty cycle of test signal is 100 %.

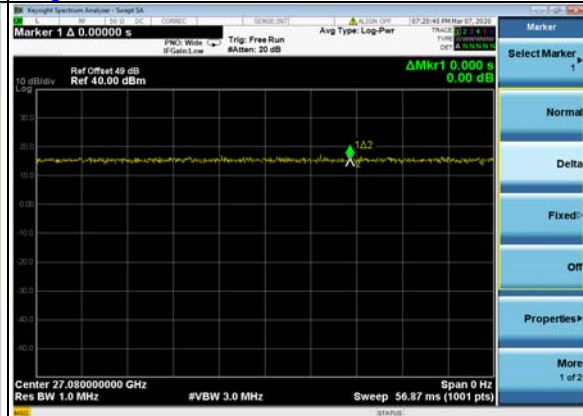


## Band n261

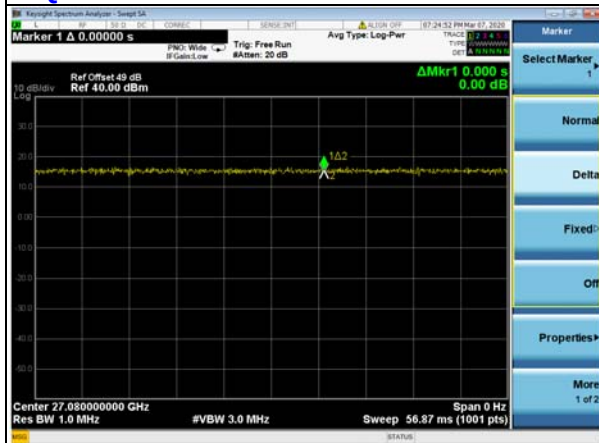
### QPSK-2CC



### 16QAM-2CC

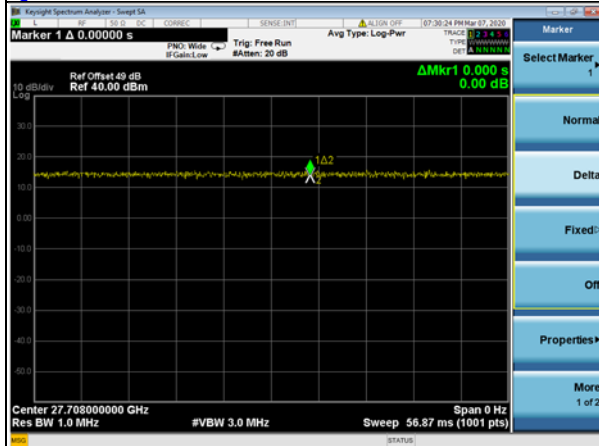


### 64QAM-2CC

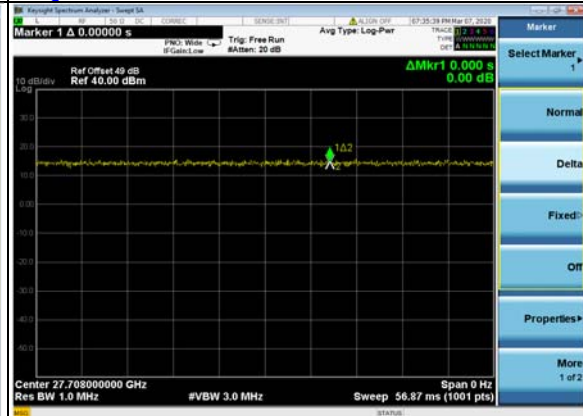


## Band n261

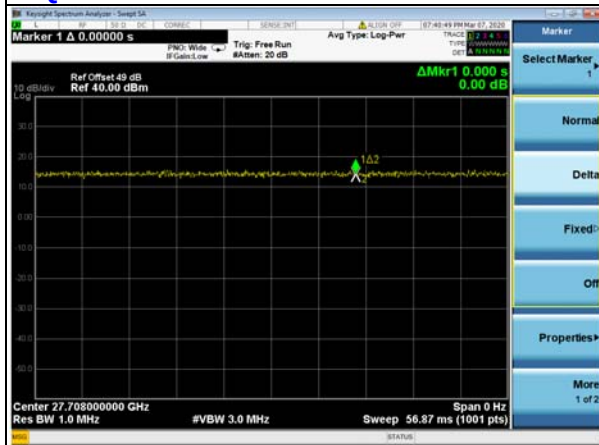
### QPSK-4CC



### 16QAM-4CC



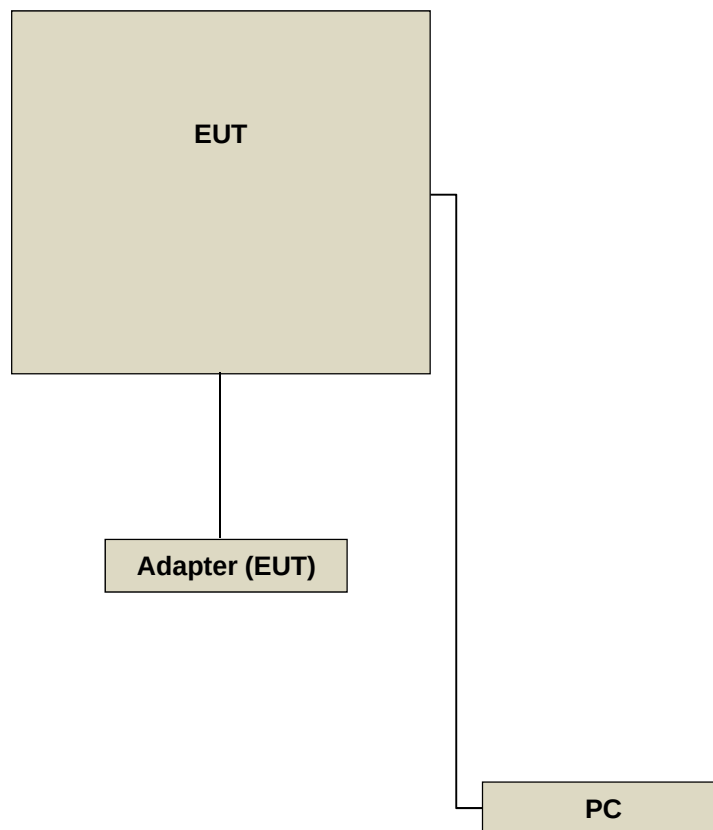
### 64QAM-4CC



### 3.6 Description of Support Units

The EUT has been tested as an independent unit.

#### 3.6.1 Configuration of System under Test



### 3.6.2 Test Instruments

#### For Below 40GHz and Frequency Stability

| Description & Manufacturer            | Model No.                | Serial No.            | Cal. Date     | Cal. Due      |
|---------------------------------------|--------------------------|-----------------------|---------------|---------------|
| Test Receiver<br>ROHDE & SCHWARZ      | ESCI                     | 100424                | Dec. 31, 2019 | Dec. 30, 2020 |
| Spectrum Analyzer<br>ROHDE & SCHWARZ  | FSP40                    | 100040                | Sep. 23, 2019 | Sep. 22, 2020 |
| Spectrum Analyzer<br>KEYSIGHT         | N9030A                   | MY55330160            | Feb. 18, 2020 | Feb. 17, 2021 |
| Spectrum Analyzer<br>KEYSIGHT         | N9030B                   | MY57140953            | Jun. 28, 2019 | Jun. 27, 2020 |
| *Biconical antenna<br>SCHWARZBECK     | VHBB9124                 | 9124-546              | Jan. 14, 2019 | Jan. 13, 2022 |
| *LOG Antenna<br>SCHWARZBECK           | VUSLP 9111               | 9111-363              | Jan. 14, 2019 | Jan. 13, 2022 |
| BILOG Antenna<br>SCHWARZBECK          | VULB9168                 | 9168-155              | Nov. 11, 2019 | Nov. 10, 2020 |
| HORN Antenna<br>SCHWARZBECK           | BBHA 9120D               | 9120D-1170            | Nov. 24, 2019 | Nov. 22, 2020 |
| HORN Antenna<br>ETS                   | 3117                     | 00034126              | Nov. 24, 2019 | Nov. 23, 2020 |
| HORN Antenna<br>SCHWARZBECK           | BBHA 9170                | BBHA9170241           | Nov. 24, 2019 | Nov. 23, 2020 |
| HORN Antenna<br>SCHWARZBECK           | BBHA 9170                | BBHA9170243           | Nov. 24, 2019 | Nov. 23, 2020 |
| Signal Generator                      | N5173B                   | MY53270724            | Apr. 07, 2019 | Apr. 06, 2020 |
| Preamplifier (Below 1GHz)<br>Agilent  | 8447D                    | 2944A10631            | Jul. 11, 2019 | Jul. 10, 2020 |
| Preamplifier (1GHz-18GHz)<br>KEYSIGHT | 83017A                   | MY53270295            | Jun. 11, 2019 | Jun. 10, 2020 |
| Pre-amplifier (18GHz-40GHz)<br>EMC    | EMC184045B               | 980116                | Oct. 08, 2019 | Oct. 07, 2020 |
| RF signal cable<br>HUBER+SUHNER       | SUCOFLEX 104             | MY 13380+295012/04    | Jun. 11, 2019 | Jun. 10, 2020 |
| RF signal cable<br>HUBER+SUHNER       | SUCOFLEX 104             | Cable-CH4-03 (250724) | Jun. 11, 2019 | Jun. 10, 2020 |
| RF signal cable<br>HUBER+SUHNER       | EMC102-KM-KM-600         | 150928                | Mar. 25, 2019 | Mar. 24, 2020 |
| RF signal cable<br>HUBER+SUHNER       | EMC102-KM-KM-3000        | 150929                | Mar. 25, 2019 | Mar. 24, 2020 |
| RF signal cable<br>Anritsu            | LL403                    | 2019010240002         | Feb. 20, 2020 | Feb. 19, 2021 |
| RF signal cable<br>Anritsu            | LL403                    | 2019010240001         | Feb. 20, 2020 | Feb. 19, 2021 |
| RF signal cable<br>Rosnal             | K1K50-UP0279-K1K50-3000  | 181129-1              | Oct. 08, 2019 | Oct. 07, 2020 |
| Software<br>BV ADT                    | ADT_Radiated_V7.6.15.9.5 | NA                    | NA            | NA            |
| Antenna Tower<br>inn-co GmbH          | MA 4000                  | 010303                | NA            | NA            |
| Antenna Tower Controller<br>BV ADT    | AT100                    | AT93021703            | NA            | NA            |
| Turn Table<br>BV ADT                  | TT100                    | TT93021703            | NA            | NA            |
| Turn Table Controller<br>BV ADT       | SC100                    | SC93021703            | NA            | NA            |



| Description & Manufacturer                    | Model No.    | Serial No. | Cal. Date     | Cal. Due      |
|-----------------------------------------------|--------------|------------|---------------|---------------|
| Boresight Antenna Fixture                     | FBA-01       | FBA-SIP01  | NA            | NA            |
| WIT Standard Temperature And Humidity Chamber | TH-4S-C      | W981030    | Jun. 03, 2019 | Jun. 02, 2020 |
| JFW 20dB attenuation                          | 50HF-020-SMA | NA         | NA            | NA            |
| True RMS Clamp Meter<br>Fluke                 | 325          | 31130711WS | May 21, 2019  | May 20, 2020  |

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. \*The calibration interval of the above test instruments is 36 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in HwaYa Chamber 4

**For Above 40GHz:**

| Description & Manufacturer                                                                  | Model No.            | Serial No. | Cal. Date     | Cal. Due      |
|---------------------------------------------------------------------------------------------|----------------------|------------|---------------|---------------|
| Spectrum Analyzer<br>Keysight                                                               | N9030A               | MY55330160 | Feb. 07, 2020 | Feb. 06, 2021 |
| Spectrum Analyzer<br>Keysight                                                               | N9030B               | MY57140953 | Jun. 28, 2019 | Jun. 27, 2020 |
| *Horn Antenna (33~55GHz)<br>OML                                                             | M22RH                | 110215-1   | Oct. 17, 2017 | Oct. 16, 2020 |
| *Horn Antenna (50~75GHz)<br>OML                                                             | M15HWD               | 110215-1   | Oct. 17, 2017 | Oct. 16, 2020 |
| *Horn Antenna(75~110GHz)<br>OML                                                             | M10RH                | 110215-1   | Oct. 17, 2017 | Oct. 16, 2020 |
| N9029AV15-DC9 - 50-75 GHz<br>VDI Standard Downconverter<br>with 9VDC supply<br>Keysight     | SA Extension<br>WR15 | SAX 381    | CoC           | CoC           |
| N9029AV10-DC9 - 75-110 GHz<br>VDI Standard Downconverter<br>with 9VDC supply<br>Keysight    | SA Extension<br>WR10 | SAX 378    | CoC           | CoC           |
| *Millimeter-Wave Signal<br>Generator Frequency Extension<br>Module (50~75 GHz)<br>Keysight  | E8257DV15            | SGX 050    | CoC           | CoC           |
| *Millimeter-Wave Signal<br>Generator Frequency Extension<br>Module (75~110 GHz)<br>Keysight | E8257DV10            | SGX 051    | CoC           | CoC           |
| *Power meter<br>Keysight                                                                    | E4417A               | MY55276004 | Oct. 17, 2019 | Oct. 16, 2022 |
| *Waveguide Power Sensor<br>Keysight                                                         | V8486A               | MY55170003 | Oct. 17, 2017 | Oct. 16, 2020 |
| *Waveguide Power Sensor<br>Keysight                                                         | W8486A               | MY55230006 | Oct. 17, 2017 | Oct. 16, 2020 |
| Antenna Tower & Turn Table<br>CT                                                            | NA                   | NA         | NA            | NA            |

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. \*The calibration interval of the above test instruments is 36 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in HwaYa Chamber 4
4. C.O.C: Certificate of conformance

### **3.7 General Description of Applied Standards**

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

**FCC 47 CFR Part 2**

**FCC 47 CFR Part 20**

**FCC 47 CFR Part 30**

**ANSI 63.26-2015**

**KDB 971168 D01 Power Meas License Digital Systems v03r01**

**KDB 935210 D02 Signal Booster Certification v04r02**

**KDB 935210 D05 Indus Booster Basic Meas v01r03**

#### **Reference Test Guidance**

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 662911 D02 MIMO with Cross Polarized Antenna v01

KDB 842590 D01 Upper Microwave Flexible Use Service v01

All test items have been performed and recorded as per the above standards.

## 4 Test Types and Results

### 4.1 Modulation characteristics

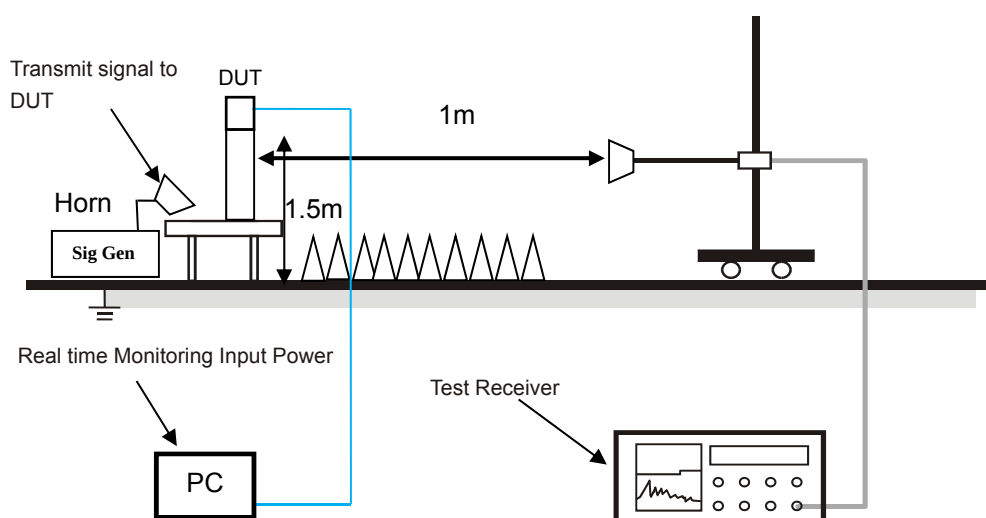
#### 4.1.1 Limits of Modulation characteristics

N/A

#### 4.1.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

#### 4.1.3 Test Setup

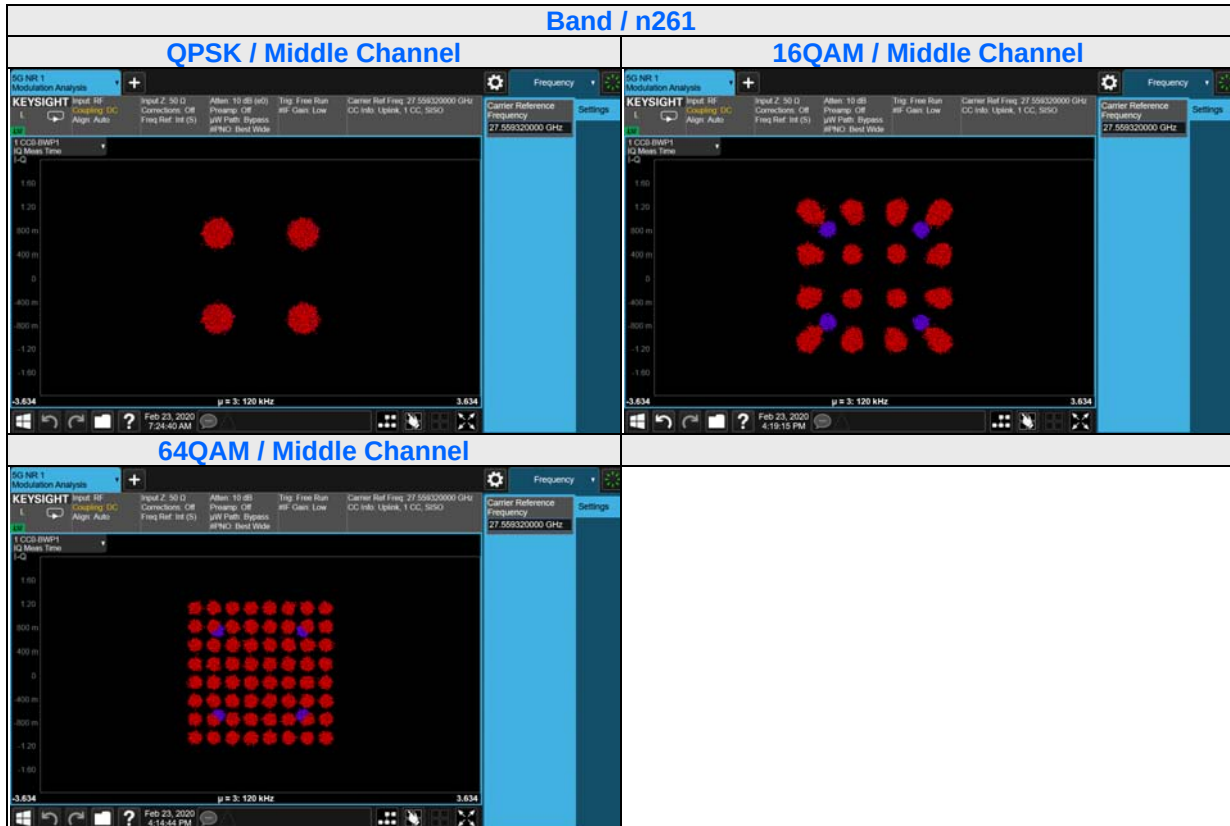


#### 4.1.4 EUT Operating Conditions

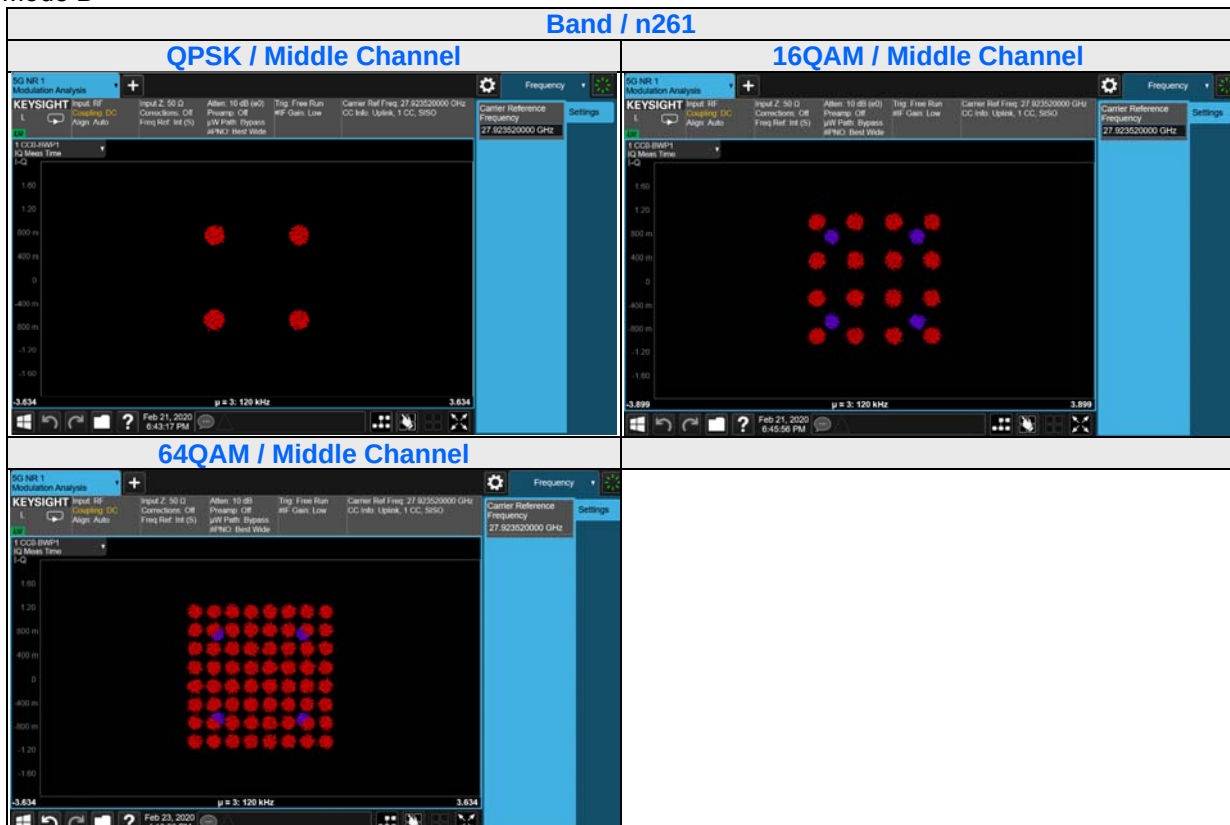
Refer to section 3.3 to get information of EUT operating conditions.

## 4.1.5 Test Results

### Mode A



### Mode B



## 4.2 AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain

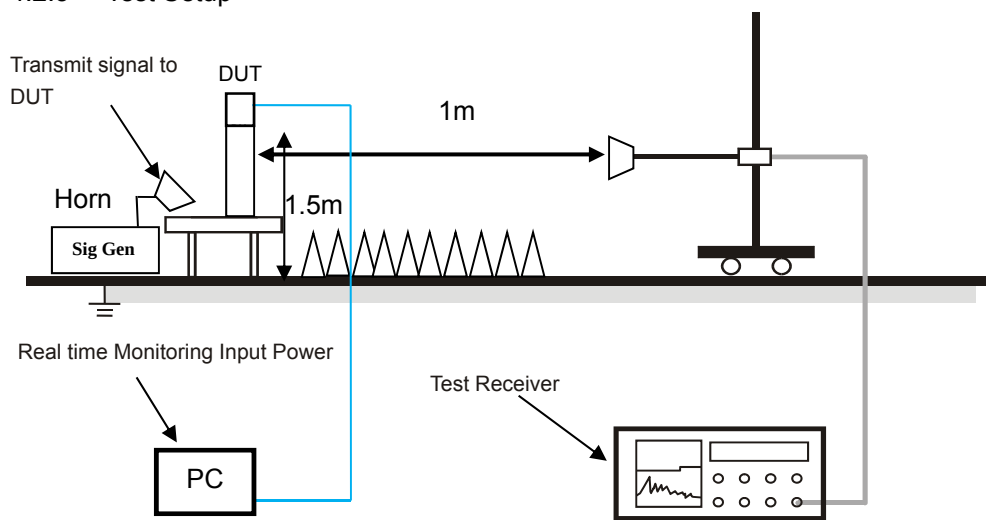
### 4.2.1 Limit of Measuring AGC Threshold Level / Mean Output Power and Amplifier/Booster Gain

NA

### 4.2.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

### 4.2.3 Test Setup



#### 4.2.4 Test Procedure

KDB 935210 D05 V01R03 – Section 3.2 - Measuring AGC threshold level

KDB 935210 D05 V01R03 – Section 3.5 - Mean output power and amplifier/booster gain

A signal generator supplies a 5G NR mmWave signal radiated into the input side of the device. The output side of the EUT is radiated via horn (Rx) with signal analyzer. The AGC threshold level is measured by output power of the EUT until a 1dB increase in the input signal power no longer causes a 1dB increase in the output signal power. The Booster Gain is measured by calculating the gain between the input and the output power of the EUT at the signal generator level just below the AGC threshold level, but not more than 0.5dB below.

##### Test Settings

1. Output power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW  $\geq 3 \times$  RBW
4. Span = 2x to 3x the OBW
5. No. of sweep points  $> 2 \times$  span / RBW
6. Detector = RMS
7. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
8. Trace mode = trace averaging (RMS) over 100 sweeps
9. The trace was allowed to stabilize

##### Test Notes

Per FCC guidance, a 100MHz 5G NR mmWave signal was used as the input signal as opposed to the 4.1MHz AWGN required in KDB 935210 D05.

#### 4.2.5 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

#### 4.2.6 Test Result

##### Mode A (Horizontal)

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size     | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm] | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|-------------|------------------------------|-----------------------------|-------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -20                          | -62.97                      | 15.82       | -                                 | 78.79               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -19                          | -61.91                      | 17.01       | 1.19                              | 78.92               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -18                          | -61.03                      | 18.02       | 1.01                              | 79.05               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -17                          | -59.61                      | 19.03       | 1.01                              | 78.64               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>1 RB</b> | <b>-16</b>                   | <b>-58.83</b>               | <b>19.7</b> | <b>0.67</b>                       | <b>78.53</b>        |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -15                          | -57.97                      | 20.43       | 0.73                              | 78.4                |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -14                          | -56.84                      | 21.05       | 0.62                              | 77.89               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -13                          | -55.82                      | 21.64       | 0.59                              | 77.46               |

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size        | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|----------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -20                          | -62.27                      | 16.95        | -                                 | 79.22               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -19                          | -61.31                      | 17.94        | 0.99                              | 79.25               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -18                          | -60.39                      | 18.98        | 1.04                              | 79.37               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -17                          | -59.09                      | 20.03        | 1.05                              | 79.12               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>Full RB</b> | <b>-16</b>                   | <b>-58.23</b>               | <b>20.55</b> | <b>0.52</b>                       | <b>78.78</b>        |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -15                          | -57.27                      | 20.91        | 0.36                              | 78.18               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -14                          | -56.2                       | 21.43        | 0.52                              | 77.63               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -13                          | -55.11                      | 22.11        | 0.68                              | 77.22               |

##### Mode A (Vertical)

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size     | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|-------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -20                          | -61.03                      | 14.62        | -                                 | 75.65               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -19                          | -59.61                      | 15.65        | 1.03                              | 75.26               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -18                          | -58.83                      | 16.62        | 0.97                              | 75.45               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -17                          | -57.97                      | 17.71        | 1.09                              | 75.68               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>1 RB</b> | <b>-16</b>                   | <b>-56.84</b>               | <b>18.21</b> | <b>0.5</b>                        | <b>75.05</b>        |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -15                          | -55.82                      | 18.68        | 0.47                              | 74.5                |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -14                          | -54.91                      | 19.19        | 0.51                              | 74.1                |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -13                          | -53.89                      | 19.56        | 0.37                              | 73.45               |

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size        | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|----------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -20                          | -62.27                      | 14.78        | -                                 | 77.05               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -19                          | -61.31                      | 15.76        | 0.98                              | 77.07               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -18                          | -60.39                      | 16.73        | 0.97                              | 77.12               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -17                          | -59.09                      | 17.75        | 1.02                              | 76.84               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>Full RB</b> | <b>-16</b>                   | <b>-58.23</b>               | <b>18.53</b> | <b>0.78</b>                       | <b>76.76</b>        |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -15                          | -57.27                      | 19.31        | 0.78                              | 76.58               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -14                          | -56.2                       | 20.05        | 0.74                              | 76.25               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -13                          | -55.11                      | 20.4         | 0.35                              | 75.51               |

### Mode B (Horizontal)

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size     | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|-------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -15                          | -57.97                      | 33.11        | -                                 | 91.08               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -14                          | -56.84                      | 34.14        | 1.03                              | 90.98               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -13                          | -55.82                      | 35.15        | 1.01                              | 90.97               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -12                          | -54.84                      | 36.16        | 1.01                              | 91                  |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>1 RB</b> | <b>-11</b>                   | <b>-53.87</b>               | <b>36.76</b> | <b>0.6</b>                        | <b>90.63</b>        |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -10                          | -52.89                      | 37.23        | 0.47                              | 90.12               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -9                           | -51.95                      | 37.68        | 0.45                              | 89.63               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -8                           | -51.03                      | 38.14        | 0.46                              | 89.17               |

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size        | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|----------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -15                          | -57.27                      | 33.88        | -                                 | 91.15               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -14                          | -56.2                       | 34.86        | 0.98                              | 91.06               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -13                          | -55.11                      | 35.85        | 0.99                              | 90.96               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -12                          | -54.24                      | 36.89        | 1.04                              | 91.13               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>Full RB</b> | <b>-11</b>                   | <b>-53.26</b>               | <b>37.51</b> | <b>0.62</b>                       | <b>90.77</b>        |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -10                          | -52.22                      | 38.38        | 0.87                              | 90.6                |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -9                           | -51.25                      | 38.99        | 0.61                              | 90.24               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -8                           | -50.36                      | 39.7         | 0.71                              | 90.06               |

### Mode B (Vertical)

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size     | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm]  | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|-------------|------------------------------|-----------------------------|--------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -13                          | -53.87                      | 33.53        | -                                 | 87.4                |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -12                          | -52.89                      | 34.51        | 0.98                              | 87.4                |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -11                          | -51.95                      | 35.59        | 1.08                              | 87.54               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -10                          | -51.03                      | 36.63        | 1.04                              | 87.66               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>1 RB</b> | <b>-9</b>                    | <b>-50.05</b>               | <b>37.13</b> | <b>0.5</b>                        | <b>87.18</b>        |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -8                           | -49.02                      | 37.75        | 0.62                              | 86.77               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -7                           | -47.99                      | 38.29        | 0.54                              | 86.28               |
| 100             | 27923.52        | Mid        | QPSK        | 1 RB        | -6                           | -47.09                      | 38.62        | 0.33                              | 85.71               |

| Bandwidth (MHz) | Frequency (MHz) | Channel    | Modulation  | RB Size        | Signal Generator Level [dBm] | EUT Input Power Level (dBm) | Power [dBm] | Calculated Change in Output Power | Calculated gain(dB) |
|-----------------|-----------------|------------|-------------|----------------|------------------------------|-----------------------------|-------------|-----------------------------------|---------------------|
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -16                          | -56.2                       | 30.96       | -                                 | 87.16               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -15                          | -55.11                      | 31.92       | 0.96                              | 87.03               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -14                          | -54.24                      | 32.93       | 1.01                              | 87.17               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -13                          | -53.26                      | 33.96       | 1.03                              | 87.22               |
| <b>100</b>      | <b>27923.52</b> | <b>Mid</b> | <b>QPSK</b> | <b>Full RB</b> | <b>-12</b>                   | <b>-52.22</b>               | <b>34.7</b> | <b>0.74</b>                       | <b>86.92</b>        |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -11                          | -51.25                      | 35.41       | 0.71                              | 86.66               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -10                          | -50.36                      | 36.29       | 0.88                              | 86.65               |
| 100             | 27923.52        | Mid        | QPSK        | Full RB        | -9                           | -49.45                      | 37.02       | 0.73                              | 86.47               |



### 4.3 Equivalent Isotropic Radiated Power (EIRP) Measurement

#### 4.3.1 Limits of EIRP Measurement

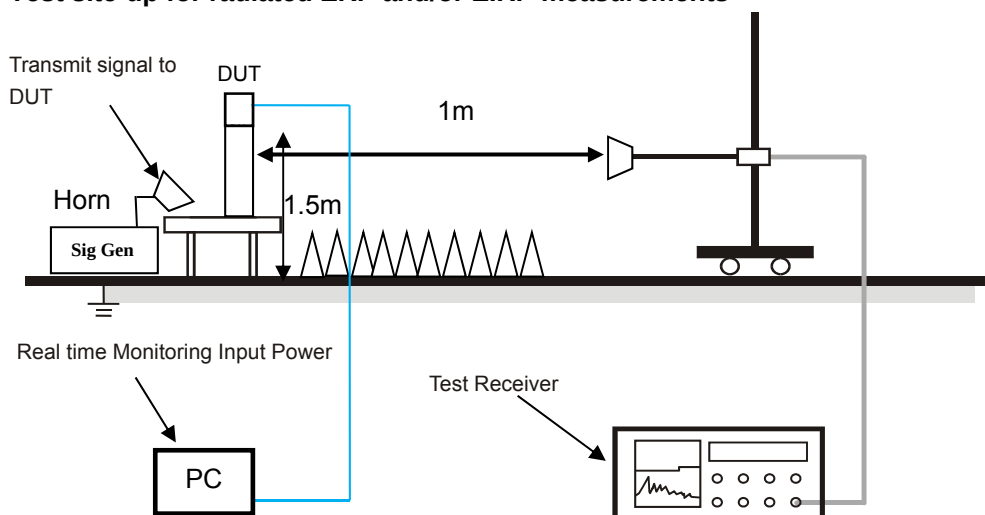
| Device                              |                         | Maximum Limit of EIRP                              |
|-------------------------------------|-------------------------|----------------------------------------------------|
| <input type="checkbox"/>            | Fixed and Base Stations | EIRP 75dBm/100MHz<br>(sum of all antenna elements) |
| <input type="checkbox"/>            | Mobile Stations         | EIRP 43dBm<br>(sum of all antenna elements)        |
| <input checked="" type="checkbox"/> | Transportable Stations  | EIRP 55dBm<br>(sum of all antenna elements)        |

#### 4.3.2 Test Instruments

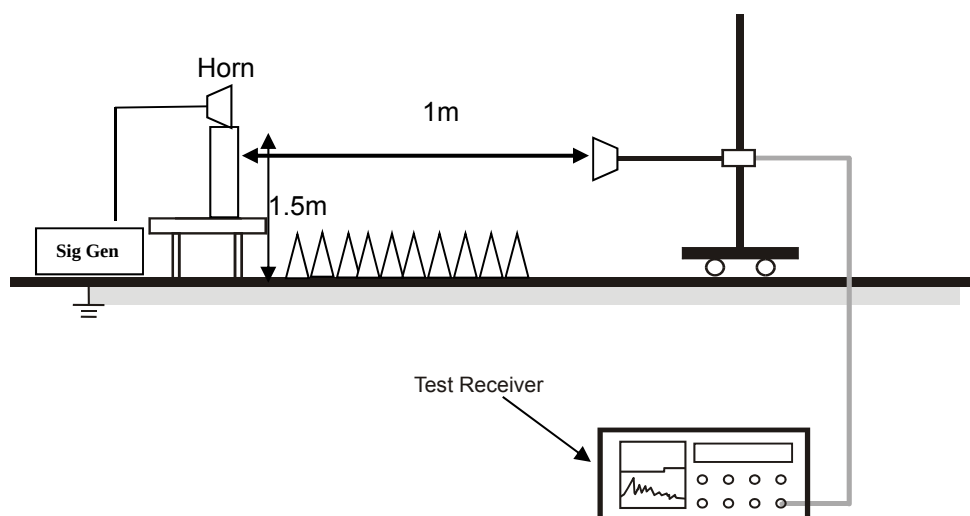
Refer to section 3.6.2 to get information of above instrument.

#### 4.3.3 Test Setup

##### Test site-up for radiated ERP and/or EIRP measurements



##### Substitution method set-up for radiated emission



#### 4.3.4 Test Procedures

- Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G

STEP 1: DUT emission amplitude level = Spec Analyzer Reading (X dbm)

STEP 2: Adjust SG so that SG + TX Cable Loss + TX ANT Gain + Free Space Path Loss + RX ANT Factor + RX Cable Loss = Spec Analyzer Reading (X dbm)

- EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.

Note: Measurements were taken in the far field of the mm-Wave test signal based on the formula:

$$R \geq (2D^2) / \text{wavelength.}$$

#### Measurement Distance

| EUT antenna of far field distance (Mode A-Relay)                                 |                                |                                  |
|----------------------------------------------------------------------------------|--------------------------------|----------------------------------|
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| Below 18GHz                                                                      | 0.12m                          | 3m                               |
| 18GHz to 40GHz                                                                   | 0.27m                          | 1m                               |
| 40GHz to 50GHz                                                                   | 0.27m to 0.34m                 | 1m                               |
| 50GHz to 100GHz                                                                  | 0.34m to 0.68m                 | 1m                               |
| Note: EUT Antenna Dimension 32mm length, 1mm thick and 18mm high.                |                                |                                  |
| Measurement antenna of far field distance                                        |                                |                                  |
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| 40GHz-50GHz                                                                      | 30mm                           | 1m                               |
| 50GHz-75GHz                                                                      | 25mm                           | 1m                               |
| 75GHz-110GHz                                                                     | 18mm                           | 1m                               |
| 40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.          |                                |                                  |
| 50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.         |                                |                                  |
| 75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.         |                                |                                  |
| EUT antenna of far field distance (Mode B-Donor)                                 |                                |                                  |
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| Below 18GHz                                                                      | 0.3m                           | 3m                               |
| 18GHz to 40GHz                                                                   | 0.67m                          | 1m                               |
| 40GHz to 50GHz                                                                   | 0.67m to 0.83m                 | 1m                               |
| 50GHz to 100GHz                                                                  | 0.83m to 1.67m                 | 2m                               |
| Note: EUT Antenna Dimension Donor Antenna: 50mm length, 1mm thick and 26mm high. |                                |                                  |
| Measurement antenna of far field distance                                        |                                |                                  |
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| 40GHz-50GHz                                                                      | 30mm                           | 1m                               |
| 50GHz-75GHz                                                                      | 25mm                           | 2m                               |
| 75GHz-110GHz                                                                     | 18mm                           | 2m                               |
| 40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.          |                                |                                  |
| 50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.         |                                |                                  |
| 75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.         |                                |                                  |

NOTE:

Test Instruments for above 18 GHz emission test

1. 18 GHz - 40 GHz: HORN Antenna(BBHA 9170) + Pre-Amplifier(EMC 184045)
2. 40 GHz - 50 GHz: HORN Antenna(M22RH) + Amplifier(LNA-22-22060)
3. 50 GHz - 75 GHz: HORN Antenna(M15HWD) + VDI Standard Downconverter
4. 75 GHz - 100 GHz: HORN Antenna(M10RH) + VDI Standard Downconverter

The emission test results as above listed are performed by different frequency bands respectively because the test instruments, that will make the emission trace non-continuously for these bands.

#### 4.3.5 Test Settings

- a. Radiated power measurements were performed using the spectrum analyzer's channel power measurement function.
- b. Set the RBW = 1~5% of the anticipated RBW=1MHz, and the VBW  $\geq 3 \times$  RBW.
- c. Set spectrum analyzer detection mode to RMS
- d. Span = 2x to 3x the OBW
- e. No. of sweep points  $\geq 2 \times$  span / RBW
- f. Trigger is set to "free run" for test signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
- g. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signal with burst transmission, the "gating" function was enabled to ensure that measurements were performed during times in which the transmitter is operating at its maximum power.
- h. Trace mode = trace averaging (RMS) over 100 sweeps.
- i. The trace was allowed to stabilize.
- j. For MIMO parameter:  
The e.i.r.p of the H Beam and V Beam were first measured individually. The measured values were then summed in linear power units then converted back to dBm per the guidance of KDB 662911 D01 and D02.

$$\text{MIMO e.i.r.p.} = \text{e.i.r.p.H} + \text{e.i.r.p.V}$$

#### 4.3.6 Deviation from Test Standard

No deviation.

#### 4.3.7 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

#### 4.3.8 Test Results

##### Mode A

|                                     |                      |                              |            |
|-------------------------------------|----------------------|------------------------------|------------|
| Band                                | n261                 | Mode                         | Full Beam  |
| EUT position / Antenna polarization | Z-plane / Horizontal | Receive Antenna polarization | Horizontal |

##### QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -27.44                 | 6.90                  | 14.41                  | 21.31      | 55          | -33.69      |
|             |             | 1RB32        | -27.36                 | 7.12                  | 14.41                  | 21.53      | 55          | -33.47      |
|             |             | 1RB65        | -28.07                 | 6.41                  | 14.41                  | 20.82      | 55          | -34.18      |
|             |             | Full RB      | -28.10                 | 6.38                  | 14.41                  | 20.79      | 55          | -34.21      |
| 2077891     | 27923.52    | 1RB0         | -29.11                 | 5.49                  | 14.40                  | 19.89      | 55          | -35.11      |
|             |             | 1RB32        | -28.48                 | 6.12                  | 14.40                  | 20.52      | 55          | -34.48      |
|             |             | 1RB65        | -29.68                 | 4.92                  | 14.40                  | 19.32      | 55          | -35.68      |
|             |             | Full RB      | -28.65                 | 5.95                  | 14.40                  | 20.35      | 55          | -34.65      |
| 2084035     | 28292.16    | 1RB0         | -30.55                 | 4.68                  | 14.05                  | 18.73      | 55          | -36.27      |
|             |             | 1RB32        | -29.34                 | 5.93                  | 14.05                  | 19.98      | 55          | -35.02      |
|             |             | 1RB65        | -31.19                 | 4.08                  | 14.05                  | 18.13      | 55          | -36.87      |
|             |             | Full RB      | -30.11                 | 5.16                  | 14.05                  | 19.21      | 55          | -35.79      |

##### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -28.01                 | 6.47                  | 14.41                  | 20.88      | 55          | -34.12      |
|             |             | 1RB32        | -27.68                 | 6.80                  | 14.41                  | 21.21      | 55          | -33.79      |
|             |             | 1RB65        | -28.40                 | 6.08                  | 14.41                  | 20.49      | 55          | -34.51      |
|             |             | Full RB      | -28.41                 | 6.07                  | 14.41                  | 20.48      | 55          | -34.52      |
| 2077891     | 27923.52    | 1RB0         | -29.58                 | 5.02                  | 14.40                  | 19.42      | 55          | -35.58      |
|             |             | 1RB32        | -29.39                 | 5.21                  | 14.40                  | 19.61      | 55          | -35.39      |
|             |             | 1RB65        | -30.12                 | 4.48                  | 14.40                  | 18.88      | 55          | -36.12      |
|             |             | Full RB      | -29.18                 | 5.42                  | 14.40                  | 19.82      | 55          | -35.18      |
| 2084035     | 28292.16    | 1RB0         | -31.05                 | 4.22                  | 14.05                  | 18.27      | 55          | -36.73      |
|             |             | 1RB32        | -29.83                 | 5.44                  | 14.05                  | 19.49      | 55          | -35.51      |
|             |             | 1RB65        | -31.54                 | 3.73                  | 14.05                  | 17.78      | 55          | -37.22      |
|             |             | Full RB      | -30.42                 | 4.85                  | 14.05                  | 18.90      | 55          | -36.10      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -28.58                 | 5.90                  | 14.41                  | 20.31      | 55          | -34.69      |
|             |             | 1RB32        | -27.97                 | 6.51                  | 14.41                  | 20.92      | 55          | -34.08      |
|             |             | 1RB65        | -28.77                 | 5.71                  | 14.41                  | 20.12      | 55          | -34.88      |
|             |             | Full RB      | -28.58                 | 5.90                  | 14.41                  | 20.31      | 55          | -34.69      |
| 2077891     | 27923.52    | 1RB0         | -29.99                 | 4.61                  | 14.40                  | 19.01      | 55          | -35.99      |
|             |             | 1RB32        | -29.89                 | 4.71                  | 14.40                  | 19.11      | 55          | -35.89      |
|             |             | 1RB65        | -30.48                 | 4.12                  | 14.40                  | 18.52      | 55          | -36.48      |
|             |             | Full RB      | -29.77                 | 4.83                  | 14.40                  | 19.23      | 55          | -35.77      |
| 2084035     | 28292.16    | 1RB0         | -31.51                 | 3.76                  | 14.05                  | 17.81      | 55          | -37.19      |
|             |             | 1RB32        | -30.33                 | 4.94                  | 14.05                  | 18.99      | 55          | -36.01      |
|             |             | 1RB65        | -31.03                 | 4.24                  | 14.05                  | 18.29      | 55          | -36.71      |
|             |             | Full RB      | -31.00                 | 4.27                  | 14.05                  | 18.32      | 55          | -36.68      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -26.56                 | 6.93                  | 14.41                  | 21.34      | 55          | -33.66      |
|             |             | 1RB32        | -26.58                 | 7.05                  | 14.41                  | 21.46      | 55          | -33.54      |
|             |             | 1RB65        | -27.28                 | 6.35                  | 14.41                  | 20.76      | 55          | -34.24      |
|             |             | Full RB      | -27.13                 | 6.50                  | 14.41                  | 20.91      | 55          | -34.09      |
| 2077915     | 27924.96    | 1RB0         | -28.05                 | 5.70                  | 14.40                  | 20.10      | 55          | -34.90      |
|             |             | 1RB32        | -27.83                 | 5.92                  | 14.40                  | 20.32      | 55          | -34.68      |
|             |             | 1RB65        | -28.13                 | 5.62                  | 14.40                  | 20.02      | 55          | -34.98      |
|             |             | Full RB      | -28.17                 | 5.58                  | 14.40                  | 19.98      | 55          | -35.02      |
| 2083291     | 28247.52    | 1RB0         | -29.10                 | 5.28                  | 14.05                  | 19.33      | 55          | -35.67      |
|             |             | 1RB32        | -29.05                 | 5.37                  | 14.05                  | 19.42      | 55          | -35.58      |
|             |             | 1RB65        | -29.27                 | 5.15                  | 14.05                  | 19.20      | 55          | -35.80      |
|             |             | Full RB      | -29.35                 | 5.07                  | 14.05                  | 19.12      | 55          | -35.88      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -27.08                 | 6.55                  | 14.41                  | 20.96      | 55          | -34.04      |
|             |             | 1RB32        | -27.16                 | 6.47                  | 14.41                  | 20.88      | 55          | -34.12      |
|             |             | 1RB65        | -27.72                 | 5.91                  | 14.41                  | 20.32      | 55          | -34.68      |
|             |             | Full RB      | -27.60                 | 6.03                  | 14.41                  | 20.44      | 55          | -34.56      |
| 2077915     | 27924.96    | 1RB0         | -28.38                 | 5.37                  | 14.40                  | 19.77      | 55          | -35.23      |
|             |             | 1RB32        | -28.25                 | 5.50                  | 14.40                  | 19.90      | 55          | -35.10      |
|             |             | 1RB65        | -28.26                 | 5.49                  | 14.40                  | 19.89      | 55          | -35.11      |
|             |             | Full RB      | -28.56                 | 5.19                  | 14.40                  | 19.59      | 55          | -35.41      |
| 2083291     | 28247.52    | 1RB0         | -29.57                 | 4.85                  | 14.05                  | 18.90      | 55          | -36.10      |
|             |             | 1RB32        | -29.55                 | 4.87                  | 14.05                  | 18.92      | 55          | -36.08      |
|             |             | 1RB65        | -29.64                 | 4.78                  | 14.05                  | 18.83      | 55          | -36.17      |
|             |             | Full RB      | -29.85                 | 4.57                  | 14.05                  | 18.62      | 55          | -36.38      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -27.50                 | 6.13                  | 14.41                  | 20.54      | 55          | -34.46      |
|             |             | 1RB32        | -27.61                 | 6.02                  | 14.41                  | 20.43      | 55          | -34.57      |
|             |             | 1RB65        | -28.27                 | 5.36                  | 14.41                  | 19.77      | 55          | -35.23      |
|             |             | Full RB      | -28.12                 | 5.51                  | 14.41                  | 19.92      | 55          | -35.08      |
| 2077915     | 27924.96    | 1RB0         | -28.86                 | 4.89                  | 14.40                  | 19.29      | 55          | -35.71      |
|             |             | 1RB32        | -28.72                 | 5.03                  | 14.40                  | 19.43      | 55          | -35.57      |
|             |             | 1RB65        | -28.83                 | 4.92                  | 14.40                  | 19.32      | 55          | -35.68      |
|             |             | Full RB      | -29.11                 | 4.64                  | 14.40                  | 19.04      | 55          | -35.96      |
| 2083291     | 28247.52    | 1RB0         | -30.08                 | 4.34                  | 14.05                  | 18.39      | 55          | -36.61      |
|             |             | 1RB32        | -30.03                 | 4.39                  | 14.05                  | 18.44      | 55          | -36.56      |
|             |             | 1RB65        | -30.13                 | 4.29                  | 14.05                  | 18.34      | 55          | -36.66      |
|             |             | Full RB      | -30.33                 | 4.09                  | 14.05                  | 18.14      | 55          | -36.86      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -26.77                 | 6.72                  | 14.41                  | 21.13      | 55          | -33.87      |
|             |             | 1RB32        | -26.68                 | 6.95                  | 14.41                  | 21.36      | 55          | -33.64      |
|             |             | 1RB65        | -27.83                 | 5.80                  | 14.41                  | 20.21      | 55          | -34.79      |
|             |             | Full RB      | -28.01                 | 5.62                  | 14.41                  | 20.03      | 55          | -34.97      |
| 2077941     | 27926.52    | 1RB0         | -27.71                 | 6.04                  | 14.40                  | 20.44      | 55          | -34.56      |
|             |             | 1RB32        | -27.53                 | 6.22                  | 14.40                  | 20.62      | 55          | -34.38      |
|             |             | 1RB65        | -28.13                 | 5.62                  | 14.40                  | 20.02      | 55          | -34.98      |
|             |             | Full RB      | -28.23                 | 5.52                  | 14.40                  | 19.92      | 55          | -35.08      |
| 2081515     | 28140.96    | 1RB0         | -29.02                 | 5.36                  | 14.05                  | 19.41      | 55          | -35.59      |
|             |             | 1RB32        | -28.89                 | 5.53                  | 14.05                  | 19.58      | 55          | -35.42      |
|             |             | 1RB65        | -29.45                 | 4.97                  | 14.05                  | 19.02      | 55          | -35.98      |
|             |             | Full RB      | -29.56                 | 4.86                  | 14.05                  | 18.91      | 55          | -36.09      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -27.92                 | 5.71                  | 14.41                  | 20.12      | 55          | -34.88      |
|             |             | 1RB32        | -27.76                 | 5.87                  | 14.41                  | 20.28      | 55          | -34.72      |
|             |             | 1RB65        | -28.27                 | 5.36                  | 14.41                  | 19.77      | 55          | -35.23      |
|             |             | Full RB      | -28.40                 | 5.23                  | 14.41                  | 19.64      | 55          | -35.36      |
| 2077941     | 27926.52    | 1RB0         | -28.23                 | 5.52                  | 14.40                  | 19.92      | 55          | -35.08      |
|             |             | 1RB32        | -28.02                 | 5.73                  | 14.40                  | 20.13      | 55          | -34.87      |
|             |             | 1RB65        | -28.43                 | 5.32                  | 14.40                  | 19.72      | 55          | -35.28      |
|             |             | Full RB      | -28.72                 | 5.03                  | 14.40                  | 19.43      | 55          | -35.57      |
| 2081515     | 28140.96    | 1RB0         | -29.54                 | 4.88                  | 14.05                  | 18.93      | 55          | -36.07      |
|             |             | 1RB32        | -29.36                 | 5.06                  | 14.05                  | 19.11      | 55          | -35.89      |
|             |             | 1RB65        | -29.88                 | 4.54                  | 14.05                  | 18.59      | 55          | -36.41      |
|             |             | Full RB      | -30.08                 | 4.34                  | 14.05                  | 18.39      | 55          | -36.61      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -28.41                 | 5.22                  | 14.41                  | 19.63      | 55          | -35.37      |
|             |             | 1RB32        | -28.26                 | 5.37                  | 14.41                  | 19.78      | 55          | -35.22      |
|             |             | 1RB65        | -28.82                 | 4.81                  | 14.41                  | 19.22      | 55          | -35.78      |
|             |             | Full RB      | -28.85                 | 4.78                  | 14.41                  | 19.19      | 55          | -35.81      |
| 2077941     | 27926.52    | 1RB0         | -28.66                 | 5.09                  | 14.40                  | 19.49      | 55          | -35.51      |
|             |             | 1RB32        | -27.36                 | 6.39                  | 14.40                  | 20.79      | 55          | -34.21      |
|             |             | 1RB65        | -28.94                 | 4.81                  | 14.40                  | 19.21      | 55          | -35.79      |
|             |             | Full RB      | -29.21                 | 4.54                  | 14.40                  | 18.94      | 55          | -36.06      |
| 2081515     | 28140.96    | 1RB0         | -30.08                 | 4.34                  | 14.05                  | 18.39      | 55          | -36.61      |
|             |             | 1RB32        | -29.78                 | 4.64                  | 14.05                  | 18.69      | 55          | -36.31      |
|             |             | 1RB65        | -30.43                 | 3.99                  | 14.05                  | 18.04      | 55          | -36.96      |
|             |             | Full RB      | -30.59                 | 3.83                  | 14.05                  | 17.88      | 55          | -37.12      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .



# Mode A

|                                     |                    |                              |           |
|-------------------------------------|--------------------|------------------------------|-----------|
| Band                                | n261               | Mode                         | Full Beam |
| EUT position / Antenna polarization | Z-plane / Vertical | Receive Antenna polarization | Vertical  |

## QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -28.09                 | 6.39                  | 14.41                  | 20.80      | 55          | -34.20      |
|             |             | 1RB32        | -27.79                 | 6.69                  | 14.41                  | 21.10      | 55          | -33.90      |
|             |             | 1RB65        | -28.52                 | 5.96                  | 14.41                  | 20.37      | 55          | -34.63      |
|             |             | Full RB      | -28.07                 | 6.41                  | 14.41                  | 20.82      | 55          | -34.18      |
| 2077891     | 27923.52    | 1RB0         | -28.28                 | 6.32                  | 14.40                  | 20.72      | 55          | -34.28      |
|             |             | 1RB32        | -27.90                 | 6.70                  | 14.40                  | 21.10      | 55          | -33.90      |
|             |             | 1RB65        | -29.98                 | 4.62                  | 14.40                  | 19.02      | 55          | -35.98      |
|             |             | Full RB      | -28.12                 | 6.48                  | 14.40                  | 20.88      | 55          | -34.12      |
| 2084035     | 28292.16    | 1RB0         | -28.79                 | 6.48                  | 14.05                  | 20.53      | 55          | -34.47      |
|             |             | 1RB32        | -27.84                 | 7.43                  | 14.05                  | 21.48      | 55          | -33.52      |
|             |             | 1RB65        | -31.07                 | 4.20                  | 14.05                  | 18.25      | 55          | -36.75      |
|             |             | Full RB      | -28.49                 | 6.78                  | 14.05                  | 20.83      | 55          | -34.17      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

## 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -28.59                 | 5.89                  | 14.41                  | 20.30      | 55          | -34.70      |
|             |             | 1RB32        | -28.56                 | 5.92                  | 14.41                  | 20.33      | 55          | -34.67      |
|             |             | 1RB65        | -28.91                 | 5.57                  | 14.41                  | 19.98      | 55          | -35.02      |
|             |             | Full RB      | -28.54                 | 5.94                  | 14.41                  | 20.35      | 55          | -34.65      |
| 2077891     | 27923.52    | 1RB0         | -27.95                 | 6.65                  | 14.40                  | 21.05      | 55          | -33.95      |
|             |             | 1RB32        | -27.80                 | 6.80                  | 14.40                  | 21.20      | 55          | -33.80      |
|             |             | 1RB65        | -30.48                 | 4.12                  | 14.40                  | 18.52      | 55          | -36.48      |
|             |             | Full RB      | -28.67                 | 5.93                  | 14.40                  | 20.33      | 55          | -34.67      |
| 2084035     | 28292.16    | 1RB0         | -29.30                 | 5.97                  | 14.05                  | 20.02      | 55          | -34.98      |
|             |             | 1RB32        | -28.22                 | 7.05                  | 14.05                  | 21.10      | 55          | -33.90      |
|             |             | 1RB65        | -31.54                 | 3.73                  | 14.05                  | 17.78      | 55          | -37.22      |
|             |             | Full RB      | -28.97                 | 6.30                  | 14.05                  | 20.35      | 55          | -34.65      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -29.00                 | 5.48                  | 14.41                  | 19.89      | 55          | -35.11      |
|             |             | 1RB32        | -28.90                 | 5.58                  | 14.41                  | 19.99      | 55          | -35.01      |
|             |             | 1RB65        | -29.39                 | 5.09                  | 14.41                  | 19.50      | 55          | -35.50      |
|             |             | Full RB      | -29.00                 | 5.48                  | 14.41                  | 19.89      | 55          | -35.11      |
| 2077891     | 27923.52    | 1RB0         | -28.11                 | 6.49                  | 14.40                  | 20.89      | 55          | -34.11      |
|             |             | 1RB32        | -29.11                 | 5.49                  | 14.40                  | 19.89      | 55          | -35.11      |
|             |             | 1RB65        | -30.91                 | 3.69                  | 14.40                  | 18.09      | 55          | -36.91      |
|             |             | Full RB      | -29.10                 | 5.50                  | 14.40                  | 19.90      | 55          | -35.10      |
| 2084035     | 28292.16    | 1RB0         | -28.54                 | 6.73                  | 14.05                  | 20.78      | 55          | -34.22      |
|             |             | 1RB32        | -28.51                 | 6.76                  | 14.05                  | 20.81      | 55          | -34.19      |
|             |             | 1RB65        | -31.80                 | 3.47                  | 14.05                  | 17.52      | 55          | -37.48      |
|             |             | Full RB      | -29.45                 | 5.82                  | 14.05                  | 19.87      | 55          | -35.13      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -27.11                 | 6.52                  | 14.41                  | 20.93      | 55          | -34.07      |
|             |             | 1RB32        | -27.03                 | 6.60                  | 14.41                  | 21.01      | 55          | -33.99      |
|             |             | 1RB65        | -27.67                 | 5.96                  | 14.41                  | 20.37      | 55          | -34.63      |
|             |             | Full RB      | -27.22                 | 6.41                  | 14.41                  | 20.82      | 55          | -34.18      |
| 2077915     | 27924.96    | 1RB0         | -27.10                 | 6.65                  | 14.40                  | 21.05      | 55          | -33.95      |
|             |             | 1RB32        | -26.84                 | 6.91                  | 14.40                  | 21.31      | 55          | -33.69      |
|             |             | 1RB65        | -28.03                 | 5.72                  | 14.40                  | 20.12      | 55          | -34.88      |
|             |             | Full RB      | -27.65                 | 6.10                  | 14.40                  | 20.50      | 55          | -34.50      |
| 2083291     | 28247.52    | 1RB0         | -27.07                 | 7.35                  | 14.05                  | 21.40      | 55          | -33.60      |
|             |             | 1RB32        | -27.06                 | 7.36                  | 14.05                  | 21.41      | 55          | -33.59      |
|             |             | 1RB65        | -28.46                 | 5.96                  | 14.05                  | 20.01      | 55          | -34.99      |
|             |             | Full RB      | -27.56                 | 6.86                  | 14.05                  | 20.91      | 55          | -34.09      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -27.60                 | 6.03                  | 14.41                  | 20.44      | 55          | -34.56      |
|             |             | 1RB32        | -27.48                 | 6.15                  | 14.41                  | 20.56      | 55          | -34.44      |
|             |             | 1RB65        | -28.22                 | 5.41                  | 14.41                  | 19.82      | 55          | -35.18      |
|             |             | Full RB      | -27.70                 | 5.93                  | 14.41                  | 20.34      | 55          | -34.66      |
| 2077915     | 27924.96    | 1RB0         | -27.53                 | 6.22                  | 14.40                  | 20.62      | 55          | -34.38      |
|             |             | 1RB32        | -27.33                 | 6.42                  | 14.40                  | 20.82      | 55          | -34.18      |
|             |             | 1RB65        | -28.53                 | 5.22                  | 14.40                  | 19.62      | 55          | -35.38      |
|             |             | Full RB      | -28.13                 | 5.62                  | 14.40                  | 20.02      | 55          | -34.98      |
| 2083291     | 28247.52    | 1RB0         | -27.55                 | 6.87                  | 14.05                  | 20.92      | 55          | -34.08      |
|             |             | 1RB32        | -27.48                 | 6.94                  | 14.05                  | 20.99      | 55          | -34.01      |
|             |             | 1RB65        | -28.84                 | 5.58                  | 14.05                  | 19.63      | 55          | -35.37      |
|             |             | Full RB      | -28.03                 | 6.39                  | 14.05                  | 20.44      | 55          | -34.56      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -28.12                 | 5.51                  | 14.41                  | 19.92      | 55          | -35.08      |
|             |             | 1RB32        | -28.01                 | 5.62                  | 14.41                  | 20.03      | 55          | -34.97      |
|             |             | 1RB65        | -28.73                 | 4.90                  | 14.41                  | 19.31      | 55          | -35.69      |
|             |             | Full RB      | -28.21                 | 5.42                  | 14.41                  | 19.83      | 55          | -35.17      |
| 2077915     | 27924.96    | 1RB0         | -28.03                 | 5.72                  | 14.40                  | 20.12      | 55          | -34.88      |
|             |             | 1RB32        | -27.82                 | 5.93                  | 14.40                  | 20.33      | 55          | -34.67      |
|             |             | 1RB65        | -29.02                 | 4.73                  | 14.40                  | 19.13      | 55          | -35.87      |
|             |             | Full RB      | -28.62                 | 5.13                  | 14.40                  | 19.53      | 55          | -35.47      |
| 2083291     | 28247.52    | 1RB0         | -28.03                 | 6.39                  | 14.05                  | 20.44      | 55          | -34.56      |
|             |             | 1RB32        | -28.04                 | 6.38                  | 14.05                  | 20.43      | 55          | -34.57      |
|             |             | 1RB65        | -29.34                 | 5.08                  | 14.05                  | 19.13      | 55          | -35.87      |
|             |             | Full RB      | -28.49                 | 5.93                  | 14.05                  | 19.98      | 55          | -35.02      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -26.89                 | 6.74                  | 14.41                  | 21.15      | 55          | -33.85      |
|             |             | 1RB32        | -26.70                 | 6.93                  | 14.41                  | 21.34      | 55          | -33.66      |
|             |             | 1RB65        | -27.09                 | 6.54                  | 14.41                  | 20.95      | 55          | -34.05      |
|             |             | Full RB      | -27.29                 | 6.34                  | 14.41                  | 20.75      | 55          | -34.25      |
| 2077941     | 27926.52    | 1RB0         | -26.90                 | 6.85                  | 14.40                  | 21.25      | 55          | -33.75      |
|             |             | 1RB32        | -26.90                 | 6.85                  | 14.40                  | 21.25      | 55          | -33.75      |
|             |             | 1RB65        | -27.23                 | 6.52                  | 14.40                  | 20.92      | 55          | -34.08      |
|             |             | Full RB      | -27.72                 | 6.03                  | 14.40                  | 20.43      | 55          | -34.57      |
| 2081515     | 28140.96    | 1RB0         | -27.32                 | 7.10                  | 14.05                  | 21.15      | 55          | -33.85      |
|             |             | 1RB32        | -27.18                 | 7.24                  | 14.05                  | 21.29      | 55          | -33.71      |
|             |             | 1RB65        | -27.42                 | 7.00                  | 14.05                  | 21.05      | 55          | -33.95      |
|             |             | Full RB      | -27.87                 | 6.55                  | 14.05                  | 20.60      | 55          | -34.40      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -27.36                 | 6.27                  | 14.41                  | 20.68      | 55          | -34.32      |
|             |             | 1RB32        | -27.32                 | 6.31                  | 14.41                  | 20.72      | 55          | -34.28      |
|             |             | 1RB65        | -27.52                 | 6.11                  | 14.41                  | 20.52      | 55          | -34.48      |
|             |             | Full RB      | -27.71                 | 5.92                  | 14.41                  | 20.33      | 55          | -34.67      |
| 2077941     | 27926.52    | 1RB0         | -27.26                 | 6.49                  | 14.40                  | 20.89      | 55          | -34.11      |
|             |             | 1RB32        | -27.42                 | 6.33                  | 14.40                  | 20.73      | 55          | -34.27      |
|             |             | 1RB65        | -27.71                 | 6.04                  | 14.40                  | 20.44      | 55          | -34.56      |
|             |             | Full RB      | -28.17                 | 5.58                  | 14.40                  | 19.98      | 55          | -35.02      |
| 2081515     | 28140.96    | 1RB0         | -27.79                 | 6.63                  | 14.05                  | 20.68      | 55          | -34.32      |
|             |             | 1RB32        | -27.56                 | 6.86                  | 14.05                  | 20.91      | 55          | -34.09      |
|             |             | 1RB65        | -27.91                 | 6.51                  | 14.05                  | 20.56      | 55          | -34.44      |
|             |             | Full RB      | -28.38                 | 6.04                  | 14.05                  | 20.09      | 55          | -34.91      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

## 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -27.85                 | 5.78                  | 14.41                  | 20.19      | 55          | -34.81      |
|             |             | 1RB32        | -27.76                 | 5.87                  | 14.41                  | 20.28      | 55          | -34.72      |
|             |             | 1RB65        | -28.03                 | 5.60                  | 14.41                  | 20.01      | 55          | -34.99      |
|             |             | Full RB      | -28.15                 | 5.48                  | 14.41                  | 19.89      | 55          | -35.11      |
| 2077941     | 27926.52    | 1RB0         | -27.82                 | 5.93                  | 14.40                  | 20.33      | 55          | -34.67      |
|             |             | 1RB32        | -27.76                 | 5.99                  | 14.40                  | 20.39      | 55          | -34.61      |
|             |             | 1RB65        | -28.14                 | 5.61                  | 14.40                  | 20.01      | 55          | -34.99      |
|             |             | Full RB      | -28.66                 | 5.09                  | 14.40                  | 19.49      | 55          | -35.51      |
| 2081515     | 28140.96    | 1RB0         | -28.28                 | 6.14                  | 14.05                  | 20.19      | 55          | -34.81      |
|             |             | 1RB32        | -27.99                 | 6.43                  | 14.05                  | 20.48      | 55          | -34.52      |
|             |             | 1RB65        | -28.28                 | 6.14                  | 14.05                  | 20.19      | 55          | -34.81      |
|             |             | Full RB      | -28.69                 | 5.73                  | 14.05                  | 19.78      | 55          | -35.22      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

Mode A

|                                     |                                 |                              |                       |
|-------------------------------------|---------------------------------|------------------------------|-----------------------|
| Band                                | n261                            | Mode                         | Full Beam             |
| EUT position / Antenna polarization | Z-plane / Vertical + Horizontal | Receive Antenna polarization | Vertical + Horizontal |

1CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 21.31         | 20.80 | 24.07     |
|            |             |             | 1RB32        | 21.53         | 21.10 | 24.33     |
|            |             |             | 1RB65        | 20.82         | 20.37 | 23.61     |
|            |             |             | Full RB      | 20.79         | 20.82 | 23.82     |
|            | 2077891     | 27923.52    | 1RB0         | 19.89         | 20.72 | 23.34     |
|            |             |             | 1RB32        | 20.52         | 21.10 | 23.83     |
|            |             |             | 1RB65        | 19.32         | 19.02 | 22.18     |
|            |             |             | Full RB      | 20.35         | 20.88 | 23.63     |
|            | 2084035     | 28292.16    | 1RB0         | 18.73         | 20.53 | 22.73     |
|            |             |             | 1RB32        | 19.98         | 21.48 | 23.80     |
|            |             |             | 1RB65        | 18.13         | 18.25 | 21.20     |
|            |             |             | Full RB      | 19.21         | 20.83 | 23.11     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 20.88         | 20.30 | 23.61     |
|            |             |             | 1RB32        | 21.21         | 20.33 | 23.80     |
|            |             |             | 1RB65        | 20.49         | 19.98 | 23.25     |
|            |             |             | Full RB      | 20.48         | 20.35 | 23.43     |
|            | 2077891     | 27923.52    | 1RB0         | 19.42         | 21.05 | 23.32     |
|            |             |             | 1RB32        | 19.61         | 21.20 | 23.49     |
|            |             |             | 1RB65        | 18.88         | 18.52 | 21.71     |
|            |             |             | Full RB      | 19.82         | 20.33 | 23.09     |
|            | 2084035     | 28292.16    | 1RB0         | 18.27         | 20.02 | 22.24     |
|            |             |             | 1RB32        | 19.49         | 21.10 | 23.38     |
|            |             |             | 1RB65        | 17.78         | 17.78 | 20.79     |
|            |             |             | Full RB      | 18.90         | 20.35 | 22.70     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 20.31         | 19.89 | 23.12     |
|            |             |             | 1RB32        | 20.92         | 19.99 | 23.49     |
|            |             |             | 1RB65        | 20.12         | 19.50 | 22.83     |
|            |             |             | Full RB      | 20.31         | 19.89 | 23.12     |
|            | 2077891     | 27923.52    | 1RB0         | 19.01         | 20.89 | 23.06     |
|            |             |             | 1RB32        | 19.11         | 19.89 | 22.53     |
|            |             |             | 1RB65        | 18.52         | 18.09 | 21.32     |
|            |             |             | Full RB      | 19.23         | 19.90 | 22.59     |
|            | 2084035     | 28292.16    | 1RB0         | 17.81         | 20.78 | 22.55     |
|            |             |             | 1RB32        | 18.99         | 20.81 | 23.00     |
|            |             |             | 1RB65        | 18.29         | 17.52 | 20.93     |
|            |             |             | Full RB      | 18.32         | 19.87 | 22.17     |

## 2CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 21.34         | 20.93 | 24.15     |
|            |             |             | 1RB32        | 21.46         | 21.01 | 24.25     |
|            |             |             | 1RB65        | 20.76         | 20.37 | 23.58     |
|            |             |             | Full RB      | 20.91         | 20.82 | 23.88     |
|            | 2077891     | 27923.52    | 1RB0         | 20.10         | 21.05 | 23.61     |
|            |             |             | 1RB32        | 20.32         | 21.31 | 23.85     |
|            |             |             | 1RB65        | 20.02         | 20.12 | 23.08     |
|            |             |             | Full RB      | 19.98         | 20.50 | 23.26     |
|            | 2084035     | 28292.16    | 1RB0         | 19.33         | 21.40 | 23.50     |
|            |             |             | 1RB32        | 19.42         | 21.41 | 23.54     |
|            |             |             | 1RB65        | 19.20         | 20.01 | 22.63     |
|            |             |             | Full RB      | 19.12         | 20.91 | 23.12     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 20.96         | 20.44 | 23.72     |
|            |             |             | 1RB32        | 20.88         | 20.56 | 23.73     |
|            |             |             | 1RB65        | 20.32         | 19.82 | 23.09     |
|            |             |             | Full RB      | 20.44         | 20.34 | 23.40     |
|            | 2077891     | 27923.52    | 1RB0         | 19.77         | 20.62 | 23.23     |
|            |             |             | 1RB32        | 19.90         | 20.82 | 23.39     |
|            |             |             | 1RB65        | 19.89         | 19.62 | 22.77     |
|            |             |             | Full RB      | 19.59         | 20.02 | 22.82     |
|            | 2084035     | 28292.16    | 1RB0         | 18.90         | 20.92 | 23.04     |
|            |             |             | 1RB32        | 18.92         | 20.99 | 23.09     |
|            |             |             | 1RB65        | 18.83         | 19.63 | 22.26     |
|            |             |             | Full RB      | 18.62         | 20.44 | 22.63     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 20.54         | 19.92 | 23.25     |
|            |             |             | 1RB32        | 20.43         | 20.03 | 23.24     |
|            |             |             | 1RB65        | 19.77         | 19.31 | 22.56     |
|            |             |             | Full RB      | 19.92         | 19.83 | 22.89     |
|            | 2077891     | 27923.52    | 1RB0         | 19.29         | 20.12 | 22.74     |
|            |             |             | 1RB32        | 19.43         | 20.33 | 22.91     |
|            |             |             | 1RB65        | 19.32         | 19.13 | 22.24     |
|            |             |             | Full RB      | 19.04         | 19.53 | 22.30     |
|            | 2084035     | 28292.16    | 1RB0         | 18.39         | 20.44 | 22.55     |
|            |             |             | 1RB32        | 18.44         | 20.43 | 22.56     |
|            |             |             | 1RB65        | 18.34         | 19.13 | 21.76     |
|            |             |             | Full RB      | 18.14         | 19.98 | 22.17     |

# 4CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 21.13         | 21.15 | 24.15     |
|            |             |             | 1RB32        | 21.36         | 21.34 | 24.36     |
|            |             |             | 1RB65        | 20.21         | 20.95 | 23.61     |
|            |             |             | Full RB      | 20.03         | 20.75 | 23.42     |
|            | 2077891     | 27923.52    | 1RB0         | 20.44         | 21.25 | 23.87     |
|            |             |             | 1RB32        | 20.62         | 21.25 | 23.96     |
|            |             |             | 1RB65        | 20.02         | 20.92 | 23.50     |
|            |             |             | Full RB      | 19.92         | 20.43 | 23.19     |
|            | 2084035     | 28292.16    | 1RB0         | 19.41         | 21.15 | 23.38     |
|            |             |             | 1RB32        | 19.58         | 21.29 | 23.53     |
|            |             |             | 1RB65        | 19.02         | 21.05 | 23.16     |
|            |             |             | Full RB      | 18.91         | 20.60 | 22.85     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 20.12         | 20.68 | 23.42     |
|            |             |             | 1RB32        | 20.28         | 20.72 | 23.52     |
|            |             |             | 1RB65        | 19.77         | 20.52 | 23.17     |
|            |             |             | Full RB      | 19.64         | 20.33 | 23.01     |
|            | 2077891     | 27923.52    | 1RB0         | 19.92         | 20.89 | 23.44     |
|            |             |             | 1RB32        | 20.13         | 20.73 | 23.45     |
|            |             |             | 1RB65        | 19.72         | 20.44 | 23.11     |
|            |             |             | Full RB      | 19.43         | 19.98 | 22.72     |
|            | 2084035     | 28292.16    | 1RB0         | 18.93         | 20.68 | 22.90     |
|            |             |             | 1RB32        | 19.11         | 20.91 | 23.11     |
|            |             |             | 1RB65        | 18.59         | 20.56 | 22.70     |
|            |             |             | Full RB      | 18.39         | 20.09 | 22.33     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 19.63         | 20.19 | 22.93     |
|            |             |             | 1RB32        | 19.78         | 20.28 | 23.05     |
|            |             |             | 1RB65        | 19.22         | 20.01 | 22.64     |
|            |             |             | Full RB      | 19.19         | 19.89 | 22.56     |
|            | 2077891     | 27923.52    | 1RB0         | 19.49         | 20.33 | 22.94     |
|            |             |             | 1RB32        | 20.79         | 20.39 | 23.60     |
|            |             |             | 1RB65        | 19.21         | 20.01 | 22.64     |
|            |             |             | Full RB      | 18.94         | 19.49 | 22.23     |
|            | 2084035     | 28292.16    | 1RB0         | 18.39         | 20.19 | 22.39     |
|            |             |             | 1RB32        | 18.69         | 20.48 | 22.69     |
|            |             |             | 1RB65        | 18.04         | 20.19 | 22.26     |
|            |             |             | Full RB      | 17.88         | 19.78 | 21.94     |



# Mode B

|                                     |                      |                              |            |
|-------------------------------------|----------------------|------------------------------|------------|
| Band                                | n261                 | Mode                         | Beam ID: 1 |
| EUT position / Antenna polarization | Z-plane / Horizontal | Receive Antenna polarization | Horizontal |

## QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -11.93                 | 22.41                 | 14.41                  | 36.82      | 55          | -18.18      |
|             |             | 1RB32        | -11.57                 | 22.91                 | 14.41                  | 37.32      | 55          | -17.68      |
|             |             | 1RB65        | -11.77                 | 22.71                 | 14.41                  | 37.12      | 55          | -17.88      |
|             |             | Full RB      | -11.65                 | 22.83                 | 14.41                  | 37.24      | 55          | -17.76      |
| 2077891     | 27923.52    | 1RB0         | -11.98                 | 22.62                 | 14.40                  | 37.02      | 55          | -17.98      |
|             |             | 1RB32        | -11.44                 | 23.16                 | 14.40                  | 37.56      | 55          | -17.44      |
|             |             | 1RB65        | -11.89                 | 22.71                 | 14.40                  | 37.11      | 55          | -17.89      |
|             |             | Full RB      | -11.20                 | 23.40                 | 14.40                  | 37.80      | 55          | -17.20      |
| 2084035     | 28292.16    | 1RB0         | -15.18                 | 20.05                 | 14.05                  | 34.10      | 55          | -20.90      |
|             |             | 1RB32        | -14.67                 | 20.60                 | 14.05                  | 34.65      | 55          | -20.35      |
|             |             | 1RB65        | -14.72                 | 20.55                 | 14.05                  | 34.60      | 55          | -20.40      |
|             |             | Full RB      | -14.79                 | 20.48                 | 14.05                  | 34.53      | 55          | -20.47      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

## 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.57                 | 21.91                 | 14.41                  | 36.32      | 55          | -18.68      |
|             |             | 1RB32        | -12.06                 | 22.42                 | 14.41                  | 36.83      | 55          | -18.17      |
|             |             | 1RB65        | -12.27                 | 22.21                 | 14.41                  | 36.62      | 55          | -18.38      |
|             |             | Full RB      | -12.15                 | 22.33                 | 14.41                  | 36.74      | 55          | -18.26      |
| 2077891     | 27923.52    | 1RB0         | -12.45                 | 22.15                 | 14.40                  | 36.55      | 55          | -18.45      |
|             |             | 1RB32        | -12.02                 | 22.58                 | 14.40                  | 36.98      | 55          | -18.02      |
|             |             | 1RB65        | -12.33                 | 22.27                 | 14.40                  | 36.67      | 55          | -18.33      |
|             |             | Full RB      | -11.97                 | 22.63                 | 14.40                  | 37.03      | 55          | -17.97      |
| 2084035     | 28292.16    | 1RB0         | -15.68                 | 19.59                 | 14.05                  | 33.64      | 55          | -21.36      |
|             |             | 1RB32        | -15.20                 | 20.07                 | 14.05                  | 34.12      | 55          | -20.88      |
|             |             | 1RB65        | -15.21                 | 20.06                 | 14.05                  | 34.11      | 55          | -20.89      |
|             |             | Full RB      | -15.30                 | 19.97                 | 14.05                  | 34.02      | 55          | -20.98      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.96                 | 21.52                 | 14.41                  | 35.93      | 55          | -19.07      |
|             |             | 1RB32        | -12.56                 | 21.92                 | 14.41                  | 36.33      | 55          | -18.67      |
|             |             | 1RB65        | -12.75                 | 21.73                 | 14.41                  | 36.14      | 55          | -18.86      |
|             |             | Full RB      | -12.60                 | 21.88                 | 14.41                  | 36.29      | 55          | -18.71      |
| 2077891     | 27923.52    | 1RB0         | -12.95                 | 21.65                 | 14.40                  | 36.05      | 55          | -18.95      |
|             |             | 1RB32        | -12.55                 | 22.05                 | 14.40                  | 36.45      | 55          | -18.55      |
|             |             | 1RB65        | -12.86                 | 21.74                 | 14.40                  | 36.14      | 55          | -18.86      |
|             |             | Full RB      | -12.47                 | 22.13                 | 14.40                  | 36.53      | 55          | -18.47      |
| 2084035     | 28292.16    | 1RB0         | -16.13                 | 19.14                 | 14.05                  | 33.19      | 55          | -21.81      |
|             |             | 1RB32        | -15.62                 | 19.65                 | 14.05                  | 33.70      | 55          | -21.30      |
|             |             | 1RB65        | -15.71                 | 19.56                 | 14.05                  | 33.61      | 55          | -21.39      |
|             |             | Full RB      | -15.80                 | 19.47                 | 14.05                  | 33.52      | 55          | -21.48      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.24                 | 22.25                 | 14.41                  | 36.66      | 55          | -18.34      |
|             |             | 1RB32        | -10.35                 | 23.28                 | 14.41                  | 37.69      | 55          | -17.31      |
|             |             | 1RB65        | -11.03                 | 22.60                 | 14.41                  | 37.01      | 55          | -17.99      |
|             |             | Full RB      | -11.12                 | 22.51                 | 14.41                  | 36.92      | 55          | -18.08      |
| 2077915     | 27924.96    | 1RB0         | -11.11                 | 22.64                 | 14.40                  | 37.04      | 55          | -17.96      |
|             |             | 1RB32        | -11.02                 | 22.73                 | 14.40                  | 37.13      | 55          | -17.87      |
|             |             | 1RB65        | -11.05                 | 22.70                 | 14.40                  | 37.10      | 55          | -17.90      |
|             |             | Full RB      | -11.03                 | 22.72                 | 14.40                  | 37.12      | 55          | -17.88      |
| 2083291     | 28247.52    | 1RB0         | -14.33                 | 20.05                 | 14.05                  | 34.10      | 55          | -20.90      |
|             |             | 1RB32        | -13.88                 | 20.54                 | 14.05                  | 34.59      | 55          | -20.41      |
|             |             | 1RB65        | -13.95                 | 20.47                 | 14.05                  | 34.52      | 55          | -20.48      |
|             |             | Full RB      | -14.05                 | 20.37                 | 14.05                  | 34.42      | 55          | -20.58      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.88                 | 21.75                 | 14.41                  | 36.16      | 55          | -18.84      |
|             |             | 1RB32        | -10.83                 | 22.80                 | 14.41                  | 37.21      | 55          | -17.79      |
|             |             | 1RB65        | -11.51                 | 22.12                 | 14.41                  | 36.53      | 55          | -18.47      |
|             |             | Full RB      | -11.60                 | 22.03                 | 14.41                  | 36.44      | 55          | -18.56      |
| 2077915     | 27924.96    | 1RB0         | -11.60                 | 22.15                 | 14.40                  | 36.55      | 55          | -18.45      |
|             |             | 1RB32        | -11.52                 | 22.23                 | 14.40                  | 36.63      | 55          | -18.37      |
|             |             | 1RB65        | -11.54                 | 22.21                 | 14.40                  | 36.61      | 55          | -18.39      |
|             |             | Full RB      | -11.55                 | 22.20                 | 14.40                  | 36.60      | 55          | -18.40      |
| 2083291     | 28247.52    | 1RB0         | -14.85                 | 19.57                 | 14.05                  | 33.62      | 55          | -21.38      |
|             |             | 1RB32        | -14.38                 | 20.04                 | 14.05                  | 34.09      | 55          | -20.91      |
|             |             | 1RB65        | -14.46                 | 19.96                 | 14.05                  | 34.01      | 55          | -20.99      |
|             |             | Full RB      | -14.58                 | 19.84                 | 14.05                  | 33.89      | 55          | -21.11      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -12.35                 | 21.28                 | 14.41                  | 35.69      | 55          | -19.31      |
|             |             | 1RB32        | -11.33                 | 22.30                 | 14.41                  | 36.71      | 55          | -18.29      |
|             |             | 1RB65        | -12.00                 | 21.63                 | 14.41                  | 36.04      | 55          | -18.96      |
|             |             | Full RB      | -12.10                 | 21.53                 | 14.41                  | 35.94      | 55          | -19.06      |
| 2077915     | 27924.96    | 1RB0         | -12.13                 | 21.62                 | 14.40                  | 36.02      | 55          | -18.98      |
|             |             | 1RB32        | -12.02                 | 21.73                 | 14.40                  | 36.13      | 55          | -18.87      |
|             |             | 1RB65        | -12.04                 | 21.71                 | 14.40                  | 36.11      | 55          | -18.89      |
|             |             | Full RB      | -12.10                 | 21.65                 | 14.40                  | 36.05      | 55          | -18.95      |
| 2083291     | 28247.52    | 1RB0         | -15.36                 | 19.06                 | 14.05                  | 33.11      | 55          | -21.89      |
|             |             | 1RB32        | -14.95                 | 19.47                 | 14.05                  | 33.52      | 55          | -21.48      |
|             |             | 1RB65        | -14.96                 | 19.46                 | 14.05                  | 33.51      | 55          | -21.49      |
|             |             | Full RB      | -15.08                 | 19.34                 | 14.05                  | 33.39      | 55          | -21.61      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -11.19                 | 22.30                 | 14.41                  | 36.71      | 55          | -18.29      |
|             |             | 1RB32        | -10.52                 | 23.11                 | 14.41                  | 37.52      | 55          | -17.48      |
|             |             | 1RB65        | -11.21                 | 22.42                 | 14.41                  | 36.83      | 55          | -18.17      |
|             |             | Full RB      | -11.23                 | 22.40                 | 14.41                  | 36.81      | 55          | -18.19      |
| 2077941     | 27926.52    | 1RB0         | -11.20                 | 22.55                 | 14.40                  | 36.95      | 55          | -18.05      |
|             |             | 1RB32        | -10.71                 | 23.04                 | 14.40                  | 37.44      | 55          | -17.56      |
|             |             | 1RB65        | -10.75                 | 23.00                 | 14.40                  | 37.40      | 55          | -17.60      |
|             |             | Full RB      | -10.86                 | 22.89                 | 14.40                  | 37.29      | 55          | -17.71      |
| 2081515     | 28140.96    | 1RB0         | -14.21                 | 20.17                 | 14.05                  | 34.22      | 55          | -20.78      |
|             |             | 1RB32        | -14.08                 | 20.34                 | 14.05                  | 34.39      | 55          | -20.61      |
|             |             | 1RB65        | -14.08                 | 20.34                 | 14.05                  | 34.39      | 55          | -20.61      |
|             |             | Full RB      | -13.78                 | 20.64                 | 14.05                  | 34.69      | 55          | -20.31      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -11.82                 | 21.81                 | 14.41                  | 36.22      | 55          | -18.78      |
|             |             | 1RB32        | -11.00                 | 22.63                 | 14.41                  | 37.04      | 55          | -17.96      |
|             |             | 1RB65        | -11.70                 | 21.93                 | 14.41                  | 36.34      | 55          | -18.66      |
|             |             | Full RB      | -11.71                 | 21.92                 | 14.41                  | 36.33      | 55          | -18.67      |
| 2077941     | 27926.52    | 1RB0         | -11.69                 | 22.06                 | 14.40                  | 36.46      | 55          | -18.54      |
|             |             | 1RB32        | -11.23                 | 22.52                 | 14.40                  | 36.92      | 55          | -18.08      |
|             |             | 1RB65        | -11.26                 | 22.49                 | 14.40                  | 36.89      | 55          | -18.11      |
|             |             | Full RB      | -11.36                 | 22.39                 | 14.40                  | 36.79      | 55          | -18.21      |
| 2081515     | 28140.96    | 1RB0         | -14.72                 | 19.70                 | 14.05                  | 33.75      | 55          | -21.25      |
|             |             | 1RB32        | -14.59                 | 19.83                 | 14.05                  | 33.88      | 55          | -21.12      |
|             |             | 1RB65        | -14.62                 | 19.80                 | 14.05                  | 33.85      | 55          | -21.15      |
|             |             | Full RB      | -14.28                 | 20.14                 | 14.05                  | 34.19      | 55          | -20.81      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

# 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -12.33                 | 21.30                 | 14.41                  | 35.71      | 55          | -19.29      |
|             |             | 1RB32        | -11.50                 | 22.13                 | 14.41                  | 36.54      | 55          | -18.46      |
|             |             | 1RB65        | -12.20                 | 21.43                 | 14.41                  | 35.84      | 55          | -19.16      |
|             |             | Full RB      | -12.21                 | 21.42                 | 14.41                  | 35.83      | 55          | -19.17      |
| 2077941     | 27926.52    | 1RB0         | -12.19                 | 21.56                 | 14.40                  | 35.96      | 55          | -19.04      |
|             |             | 1RB32        | -11.73                 | 22.02                 | 14.40                  | 36.42      | 55          | -18.58      |
|             |             | 1RB65        | -11.77                 | 21.98                 | 14.40                  | 36.38      | 55          | -18.62      |
|             |             | Full RB      | -11.90                 | 21.85                 | 14.40                  | 36.25      | 55          | -18.75      |
| 2081515     | 28140.96    | 1RB0         | -15.23                 | 19.19                 | 14.05                  | 33.24      | 55          | -21.76      |
|             |             | 1RB32        | -15.08                 | 19.34                 | 14.05                  | 33.39      | 55          | -21.61      |
|             |             | 1RB65        | -15.09                 | 19.33                 | 14.05                  | 33.38      | 55          | -21.62      |
|             |             | Full RB      | -14.79                 | 19.63                 | 14.05                  | 33.68      | 55          | -21.32      |

## Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

# Mode B

|                                     |                    |                              |            |
|-------------------------------------|--------------------|------------------------------|------------|
| Band                                | n261               | Mode                         | Beam ID: 1 |
| EUT position / Antenna polarization | Z-plane / Vertical | Receive Antenna polarization | Vertical   |

## QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -11.96                 | 22.52                 | 14.41                  | 36.93      | 55          | -18.07      |
|             |             | 1RB32        | -11.67                 | 22.81                 | 14.41                  | 37.22      | 55          | -17.78      |
|             |             | 1RB65        | -11.79                 | 22.69                 | 14.41                  | 37.10      | 55          | -17.90      |
|             |             | Full RB      | -13.85                 | 20.63                 | 14.41                  | 35.04      | 55          | -19.96      |
| 2077891     | 27923.52    | 1RB0         | -11.35                 | 23.25                 | 14.40                  | 37.65      | 55          | -17.35      |
|             |             | 1RB32        | -10.88                 | 23.72                 | 14.40                  | 38.12      | 55          | -16.88      |
|             |             | 1RB65        | -11.04                 | 23.56                 | 14.40                  | 37.96      | 55          | -17.04      |
|             |             | Full RB      | -13.80                 | 20.80                 | 14.40                  | 35.20      | 55          | -19.80      |
| 2084035     | 28292.16    | 1RB0         | -12.41                 | 22.86                 | 14.05                  | 36.91      | 55          | -18.09      |
|             |             | 1RB32        | -12.33                 | 22.94                 | 14.05                  | 36.99      | 55          | -18.01      |
|             |             | 1RB65        | -13.84                 | 21.43                 | 14.05                  | 35.48      | 55          | -19.52      |
|             |             | Full RB      | -14.58                 | 20.69                 | 14.05                  | 34.74      | 55          | -20.26      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

## 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.46                 | 22.02                 | 14.41                  | 36.43      | 55          | -18.57      |
|             |             | 1RB32        | -12.19                 | 22.29                 | 14.41                  | 36.70      | 55          | -18.30      |
|             |             | 1RB65        | -12.20                 | 22.28                 | 14.41                  | 36.69      | 55          | -18.31      |
|             |             | Full RB      | -14.28                 | 20.20                 | 14.41                  | 34.61      | 55          | -20.39      |
| 2077891     | 27923.52    | 1RB0         | -11.90                 | 22.70                 | 14.40                  | 37.10      | 55          | -17.90      |
|             |             | 1RB32        | -11.21                 | 23.39                 | 14.40                  | 37.79      | 55          | -17.21      |
|             |             | 1RB65        | -11.36                 | 23.24                 | 14.40                  | 37.64      | 55          | -17.36      |
|             |             | Full RB      | -14.31                 | 20.29                 | 14.40                  | 34.69      | 55          | -20.31      |
| 2084035     | 28292.16    | 1RB0         | -13.41                 | 21.86                 | 14.05                  | 35.91      | 55          | -19.09      |
|             |             | 1RB32        | -12.92                 | 22.35                 | 14.05                  | 36.40      | 55          | -18.60      |
|             |             | 1RB65        | -14.38                 | 20.89                 | 14.05                  | 34.94      | 55          | -20.06      |
|             |             | Full RB      | -15.02                 | 20.25                 | 14.05                  | 34.30      | 55          | -20.70      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
4. Spectrum reading (dBm) = DUT emission amplitude level.

### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.97                 | 21.51                 | 14.41                  | 35.92      | 55          | -19.08      |
|             |             | 1RB32        | -12.71                 | 21.77                 | 14.41                  | 36.18      | 55          | -18.82      |
|             |             | 1RB65        | -12.72                 | 21.76                 | 14.41                  | 36.17      | 55          | -18.83      |
|             |             | Full RB      | -14.79                 | 19.69                 | 14.41                  | 34.10      | 55          | -20.90      |
| 2077891     | 27923.52    | 1RB0         | -12.33                 | 22.27                 | 14.40                  | 36.67      | 55          | -18.33      |
|             |             | 1RB32        | -11.68                 | 22.92                 | 14.40                  | 37.32      | 55          | -17.68      |
|             |             | 1RB65        | -11.70                 | 22.90                 | 14.40                  | 37.30      | 55          | -17.70      |
|             |             | Full RB      | -14.86                 | 19.74                 | 14.40                  | 34.14      | 55          | -20.86      |
| 2084035     | 28292.16    | 1RB0         | -13.87                 | 21.40                 | 14.05                  | 35.45      | 55          | -19.55      |
|             |             | 1RB32        | -13.70                 | 21.57                 | 14.05                  | 35.62      | 55          | -19.38      |
|             |             | 1RB65        | -14.92                 | 20.35                 | 14.05                  | 34.40      | 55          | -20.60      |
|             |             | Full RB      | -15.32                 | 19.95                 | 14.05                  | 34.00      | 55          | -21.00      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -10.83                 | 22.80                 | 14.41                  | 37.21      | 55          | -17.79      |
|             |             | 1RB32        | -10.50                 | 23.13                 | 14.41                  | 37.54      | 55          | -17.46      |
|             |             | 1RB65        | -10.71                 | 22.92                 | 14.41                  | 37.33      | 55          | -17.67      |
|             |             | Full RB      | -13.15                 | 20.48                 | 14.41                  | 34.89      | 55          | -20.11      |
| 2077915     | 27924.96    | 1RB0         | -10.44                 | 23.31                 | 14.40                  | 37.71      | 55          | -17.29      |
|             |             | 1RB32        | -10.26                 | 23.49                 | 14.40                  | 37.89      | 55          | -17.11      |
|             |             | 1RB65        | -10.30                 | 23.45                 | 14.40                  | 37.85      | 55          | -17.15      |
|             |             | Full RB      | -13.17                 | 20.58                 | 14.40                  | 34.98      | 55          | -20.02      |
| 2083291     | 28247.52    | 1RB0         | -11.35                 | 23.07                 | 14.05                  | 37.12      | 55          | -17.88      |
|             |             | 1RB32        | -11.33                 | 23.09                 | 14.05                  | 37.14      | 55          | -17.86      |
|             |             | 1RB65        | -12.17                 | 22.25                 | 14.05                  | 36.30      | 55          | -18.70      |
|             |             | Full RB      | -13.66                 | 20.76                 | 14.05                  | 34.81      | 55          | -20.19      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.33                 | 22.30                 | 14.41                  | 36.71      | 55          | -18.29      |
|             |             | 1RB32        | -11.01                 | 22.62                 | 14.41                  | 37.03      | 55          | -17.97      |
|             |             | 1RB65        | -11.22                 | 22.41                 | 14.41                  | 36.82      | 55          | -18.18      |
|             |             | Full RB      | -13.68                 | 19.95                 | 14.41                  | 34.36      | 55          | -20.64      |
| 2077915     | 27924.96    | 1RB0         | -10.91                 | 22.84                 | 14.40                  | 37.24      | 55          | -17.76      |
|             |             | 1RB32        | -10.57                 | 23.18                 | 14.40                  | 37.58      | 55          | -17.42      |
|             |             | 1RB65        | -10.69                 | 23.06                 | 14.40                  | 37.46      | 55          | -17.54      |
|             |             | Full RB      | -13.66                 | 20.09                 | 14.40                  | 34.49      | 55          | -20.51      |
| 2083291     | 28247.52    | 1RB0         | -11.81                 | 22.61                 | 14.05                  | 36.66      | 55          | -18.34      |
|             |             | 1RB32        | -11.76                 | 22.66                 | 14.05                  | 36.71      | 55          | -18.29      |
|             |             | 1RB65        | -12.69                 | 21.73                 | 14.05                  | 35.78      | 55          | -19.22      |
|             |             | Full RB      | -14.08                 | 20.34                 | 14.05                  | 34.39      | 55          | -20.61      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.82                 | 21.81                 | 14.41                  | 36.22      | 55          | -18.78      |
|             |             | 1RB32        | -11.51                 | 22.12                 | 14.41                  | 36.53      | 55          | -18.47      |
|             |             | 1RB65        | -11.70                 | 21.93                 | 14.41                  | 36.34      | 55          | -18.66      |
|             |             | Full RB      | -14.22                 | 19.41                 | 14.41                  | 33.82      | 55          | -21.18      |
| 2077915     | 27924.96    | 1RB0         | -11.41                 | 22.34                 | 14.40                  | 36.74      | 55          | -18.26      |
|             |             | 1RB32        | -11.08                 | 22.67                 | 14.40                  | 37.07      | 55          | -17.93      |
|             |             | 1RB65        | -11.21                 | 22.54                 | 14.40                  | 36.94      | 55          | -18.06      |
|             |             | Full RB      | -14.22                 | 19.53                 | 14.40                  | 33.93      | 55          | -21.07      |
| 2083291     | 28247.52    | 1RB0         | -12.33                 | 22.09                 | 14.05                  | 36.14      | 55          | -18.86      |
|             |             | 1RB32        | -11.88                 | 22.54                 | 14.05                  | 36.59      | 55          | -18.41      |
|             |             | 1RB65        | -13.23                 | 21.19                 | 14.05                  | 35.24      | 55          | -19.76      |
|             |             | Full RB      | -14.62                 | 19.80                 | 14.05                  | 33.85      | 55          | -21.15      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .



### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.18                 | 23.45                 | 14.41                  | 37.86      | 55          | -17.14      |
|             |             | 1RB32        | -10.15                 | 23.48                 | 14.41                  | 37.89      | 55          | -17.11      |
|             |             | 1RB65        | -10.45                 | 23.18                 | 14.41                  | 37.59      | 55          | -17.41      |
|             |             | Full RB      | -13.21                 | 20.42                 | 14.41                  | 34.83      | 55          | -20.17      |
| 2077941     | 27926.52    | 1RB0         | -10.41                 | 23.34                 | 14.40                  | 37.74      | 55          | -17.26      |
|             |             | 1RB32        | -10.33                 | 23.42                 | 14.40                  | 37.82      | 55          | -17.18      |
|             |             | 1RB65        | -11.12                 | 22.63                 | 14.40                  | 37.03      | 55          | -17.97      |
|             |             | Full RB      | -13.21                 | 20.54                 | 14.40                  | 34.94      | 55          | -20.06      |
| 2081515     | 28140.96    | 1RB0         | -10.96                 | 23.46                 | 14.05                  | 37.51      | 55          | -17.49      |
|             |             | 1RB32        | -10.68                 | 23.74                 | 14.05                  | 37.79      | 55          | -17.21      |
|             |             | 1RB65        | -11.58                 | 22.84                 | 14.05                  | 36.89      | 55          | -18.11      |
|             |             | Full RB      | -14.21                 | 20.21                 | 14.05                  | 34.26      | 55          | -20.74      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.41                 | 23.22                 | 14.41                  | 37.63      | 55          | -17.37      |
|             |             | 1RB32        | -10.16                 | 23.47                 | 14.41                  | 37.88      | 55          | -17.12      |
|             |             | 1RB65        | -11.03                 | 22.60                 | 14.41                  | 37.01      | 55          | -17.99      |
|             |             | Full RB      | -13.71                 | 19.92                 | 14.41                  | 34.33      | 55          | -20.67      |
| 2077941     | 27926.52    | 1RB0         | -10.92                 | 22.83                 | 14.40                  | 37.23      | 55          | -17.77      |
|             |             | 1RB32        | -10.81                 | 22.94                 | 14.40                  | 37.34      | 55          | -17.66      |
|             |             | 1RB65        | -11.59                 | 22.16                 | 14.40                  | 36.56      | 55          | -18.44      |
|             |             | Full RB      | -13.75                 | 20.00                 | 14.40                  | 34.40      | 55          | -20.60      |
| 2081515     | 28140.96    | 1RB0         | -11.46                 | 22.96                 | 14.05                  | 37.01      | 55          | -17.99      |
|             |             | 1RB32        | -10.86                 | 23.56                 | 14.05                  | 37.61      | 55          | -17.39      |
|             |             | 1RB65        | -12.10                 | 22.32                 | 14.05                  | 36.37      | 55          | -18.63      |
|             |             | Full RB      | -14.62                 | 19.80                 | 14.05                  | 33.85      | 55          | -21.15      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

## 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.90                 | 22.73                 | 14.41                  | 37.14      | 55          | -17.86      |
|             |             | 1RB32        | -10.68                 | 22.95                 | 14.41                  | 37.36      | 55          | -17.64      |
|             |             | 1RB65        | -11.44                 | 22.19                 | 14.41                  | 36.60      | 55          | -18.40      |
|             |             | Full RB      | -14.16                 | 19.47                 | 14.41                  | 33.88      | 55          | -21.12      |
| 2077941     | 27926.52    | 1RB0         | -11.35                 | 22.40                 | 14.40                  | 36.80      | 55          | -18.20      |
|             |             | 1RB32        | -11.31                 | 22.44                 | 14.40                  | 36.84      | 55          | -18.16      |
|             |             | 1RB65        | -12.05                 | 21.70                 | 14.40                  | 36.10      | 55          | -18.90      |
|             |             | Full RB      | -14.24                 | 19.51                 | 14.40                  | 33.91      | 55          | -21.09      |
| 2081515     | 28140.96    | 1RB0         | -11.82                 | 22.60                 | 14.05                  | 36.65      | 55          | -18.35      |
|             |             | 1RB32        | -11.82                 | 22.60                 | 14.05                  | 36.65      | 55          | -18.35      |
|             |             | 1RB65        | -12.27                 | 22.15                 | 14.05                  | 36.20      | 55          | -18.80      |
|             |             | Full RB      | -15.06                 | 19.36                 | 14.05                  | 33.41      | 55          | -21.59      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

# Mode B

|                                     |                      |                              |             |
|-------------------------------------|----------------------|------------------------------|-------------|
| Band                                | n261                 | Mode                         | Beam ID: 10 |
| EUT position / Antenna polarization | Z-plane / Horizontal | Receive Antenna polarization | Horizontal  |

## QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -11.73                 | 22.61                 | 14.41                  | 37.02      | 55          | -17.98      |
|             |             | 1RB32        | -11.35                 | 23.13                 | 14.41                  | 37.54      | 55          | -17.46      |
|             |             | 1RB65        | -11.55                 | 22.93                 | 14.41                  | 37.34      | 55          | -17.66      |
|             |             | Full RB      | -11.43                 | 23.05                 | 14.41                  | 37.46      | 55          | -17.54      |
| 2077891     | 27923.52    | 1RB0         | -11.79                 | 22.81                 | 14.40                  | 37.21      | 55          | -17.79      |
|             |             | 1RB32        | -11.23                 | 23.37                 | 14.40                  | 37.77      | 55          | -17.23      |
|             |             | 1RB65        | -11.66                 | 22.94                 | 14.40                  | 37.34      | 55          | -17.66      |
|             |             | Full RB      | -14.36                 | 20.24                 | 14.40                  | 34.64      | 55          | -20.36      |
| 2084035     | 28292.16    | 1RB0         | -14.93                 | 20.30                 | 14.05                  | 34.35      | 55          | -20.65      |
|             |             | 1RB32        | -14.50                 | 20.77                 | 14.05                  | 34.82      | 55          | -20.18      |
|             |             | 1RB65        | -14.54                 | 20.73                 | 14.05                  | 34.78      | 55          | -20.22      |
|             |             | Full RB      | -14.55                 | 20.72                 | 14.05                  | 34.77      | 55          | -20.23      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

## 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.35                 | 22.13                 | 14.41                  | 36.54      | 55          | -18.46      |
|             |             | 1RB32        | -11.87                 | 22.61                 | 14.41                  | 37.02      | 55          | -17.98      |
|             |             | 1RB65        | -12.01                 | 22.47                 | 14.41                  | 36.88      | 55          | -18.12      |
|             |             | Full RB      | -11.95                 | 22.53                 | 14.41                  | 36.94      | 55          | -18.06      |
| 2077891     | 27923.52    | 1RB0         | -12.26                 | 22.34                 | 14.40                  | 36.74      | 55          | -18.26      |
|             |             | 1RB32        | -11.85                 | 22.75                 | 14.40                  | 37.15      | 55          | -17.85      |
|             |             | 1RB65        | -12.16                 | 22.44                 | 14.40                  | 36.84      | 55          | -18.16      |
|             |             | Full RB      | -11.73                 | 22.87                 | 14.40                  | 37.27      | 55          | -17.73      |
| 2084035     | 28292.16    | 1RB0         | -15.47                 | 19.80                 | 14.05                  | 33.85      | 55          | -21.15      |
|             |             | 1RB32        | -14.84                 | 20.43                 | 14.05                  | 34.48      | 55          | -20.52      |
|             |             | 1RB65        | -15.04                 | 20.23                 | 14.05                  | 34.28      | 55          | -20.72      |
|             |             | Full RB      | -15.06                 | 20.21                 | 14.05                  | 34.26      | 55          | -20.74      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.85                 | 21.63                 | 14.41                  | 36.04      | 55          | -18.96      |
|             |             | 1RB32        | -12.28                 | 22.20                 | 14.41                  | 36.61      | 55          | -18.39      |
|             |             | 1RB65        | -12.51                 | 21.97                 | 14.41                  | 36.38      | 55          | -18.62      |
|             |             | Full RB      | -12.45                 | 22.03                 | 14.41                  | 36.44      | 55          | -18.56      |
| 2077891     | 27923.52    | 1RB0         | -12.77                 | 21.83                 | 14.40                  | 36.23      | 55          | -18.77      |
|             |             | 1RB32        | -12.35                 | 22.25                 | 14.40                  | 36.65      | 55          | -18.35      |
|             |             | 1RB65        | -12.66                 | 21.94                 | 14.40                  | 36.34      | 55          | -18.66      |
|             |             | Full RB      | -12.23                 | 22.37                 | 14.40                  | 36.77      | 55          | -18.23      |
| 2084035     | 28292.16    | 1RB0         | -15.83                 | 19.44                 | 14.05                  | 33.49      | 55          | -21.51      |
|             |             | 1RB32        | -15.34                 | 19.93                 | 14.05                  | 33.98      | 55          | -21.02      |
|             |             | 1RB65        | -15.54                 | 19.73                 | 14.05                  | 33.78      | 55          | -21.22      |
|             |             | Full RB      | -15.55                 | 19.72                 | 14.05                  | 33.77      | 55          | -21.23      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.18                 | 22.31                 | 14.41                  | 36.72      | 55          | -18.28      |
|             |             | 1RB32        | -10.22                 | 23.41                 | 14.41                  | 37.82      | 55          | -17.18      |
|             |             | 1RB65        | -10.80                 | 22.83                 | 14.41                  | 37.24      | 55          | -17.76      |
|             |             | Full RB      | -10.89                 | 22.74                 | 14.41                  | 37.15      | 55          | -17.85      |
| 2077915     | 27924.96    | 1RB0         | -11.03                 | 22.72                 | 14.40                  | 37.12      | 55          | -17.88      |
|             |             | 1RB32        | -10.86                 | 22.89                 | 14.40                  | 37.29      | 55          | -17.71      |
|             |             | 1RB65        | -10.91                 | 22.84                 | 14.40                  | 37.24      | 55          | -17.76      |
|             |             | Full RB      | -10.94                 | 22.81                 | 14.40                  | 37.21      | 55          | -17.79      |
| 2083291     | 28247.52    | 1RB0         | -14.22                 | 20.16                 | 14.05                  | 34.21      | 55          | -20.79      |
|             |             | 1RB32        | -13.75                 | 20.67                 | 14.05                  | 34.72      | 55          | -20.28      |
|             |             | 1RB65        | -13.81                 | 20.61                 | 14.05                  | 34.66      | 55          | -20.34      |
|             |             | Full RB      | -13.88                 | 20.54                 | 14.05                  | 34.59      | 55          | -20.41      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.83                 | 21.80                 | 14.41                  | 36.21      | 55          | -18.79      |
|             |             | 1RB32        | -10.73                 | 22.90                 | 14.41                  | 37.31      | 55          | -17.69      |
|             |             | 1RB65        | -11.33                 | 22.30                 | 14.41                  | 36.71      | 55          | -18.29      |
|             |             | Full RB      | -11.39                 | 22.24                 | 14.41                  | 36.65      | 55          | -18.35      |
| 2077915     | 27924.96    | 1RB0         | -11.53                 | 22.22                 | 14.40                  | 36.62      | 55          | -18.38      |
|             |             | 1RB32        | -11.36                 | 22.39                 | 14.40                  | 36.79      | 55          | -18.21      |
|             |             | 1RB65        | -11.44                 | 22.31                 | 14.40                  | 36.71      | 55          | -18.29      |
|             |             | Full RB      | -11.54                 | 22.21                 | 14.40                  | 36.61      | 55          | -18.39      |
| 2083291     | 28247.52    | 1RB0         | -14.76                 | 19.66                 | 14.05                  | 33.71      | 55          | -21.29      |
|             |             | 1RB32        | -15.24                 | 19.18                 | 14.05                  | 33.23      | 55          | -21.77      |
|             |             | 1RB65        | -14.32                 | 20.10                 | 14.05                  | 34.15      | 55          | -20.85      |
|             |             | Full RB      | -14.38                 | 20.04                 | 14.05                  | 34.09      | 55          | -20.91      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -12.27                 | 21.36                 | 14.41                  | 35.77      | 55          | -19.23      |
|             |             | 1RB32        | -11.22                 | 22.41                 | 14.41                  | 36.82      | 55          | -18.18      |
|             |             | 1RB65        | -11.83                 | 21.80                 | 14.41                  | 36.21      | 55          | -18.79      |
|             |             | Full RB      | -11.89                 | 21.74                 | 14.41                  | 36.15      | 55          | -18.85      |
| 2077915     | 27924.96    | 1RB0         | -12.03                 | 21.72                 | 14.40                  | 36.12      | 55          | -18.88      |
|             |             | 1RB32        | -11.86                 | 21.89                 | 14.40                  | 36.29      | 55          | -18.71      |
|             |             | 1RB65        | -11.93                 | 21.82                 | 14.40                  | 36.22      | 55          | -18.78      |
|             |             | Full RB      | -12.01                 | 21.74                 | 14.40                  | 36.14      | 55          | -18.86      |
| 2083291     | 28247.52    | 1RB0         | -15.21                 | 19.21                 | 14.05                  | 33.26      | 55          | -21.74      |
|             |             | 1RB32        | -15.68                 | 18.74                 | 14.05                  | 32.79      | 55          | -22.21      |
|             |             | 1RB65        | -14.78                 | 19.64                 | 14.05                  | 33.69      | 55          | -21.31      |
|             |             | Full RB      | -14.89                 | 19.53                 | 14.05                  | 33.58      | 55          | -21.42      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -11.06                 | 22.43                 | 14.41                  | 36.84      | 55          | -18.16      |
|             |             | 1RB32        | -10.38                 | 23.25                 | 14.41                  | 37.66      | 55          | -17.34      |
|             |             | 1RB65        | -11.10                 | 22.53                 | 14.41                  | 36.94      | 55          | -18.06      |
|             |             | Full RB      | -11.16                 | 22.47                 | 14.41                  | 36.88      | 55          | -18.12      |
| 2077941     | 27926.52    | 1RB0         | -11.12                 | 22.63                 | 14.40                  | 37.03      | 55          | -17.97      |
|             |             | 1RB32        | -10.56                 | 23.19                 | 14.40                  | 37.59      | 55          | -17.41      |
|             |             | 1RB65        | -10.65                 | 23.10                 | 14.40                  | 37.50      | 55          | -17.50      |
|             |             | Full RB      | -10.74                 | 23.01                 | 14.40                  | 37.41      | 55          | -17.59      |
| 2081515     | 28140.96    | 1RB0         | -14.04                 | 20.34                 | 14.05                  | 34.39      | 55          | -20.61      |
|             |             | 1RB32        | -14.04                 | 20.38                 | 14.05                  | 34.43      | 55          | -20.57      |
|             |             | 1RB65        | -13.96                 | 20.46                 | 14.05                  | 34.51      | 55          | -20.49      |
|             |             | Full RB      | -13.70                 | 20.72                 | 14.05                  | 34.77      | 55          | -20.23      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -11.69                 | 21.94                 | 14.41                  | 36.35      | 55          | -18.65      |
|             |             | 1RB32        | -10.86                 | 22.77                 | 14.41                  | 37.18      | 55          | -17.82      |
|             |             | 1RB65        | -11.60                 | 22.03                 | 14.41                  | 36.44      | 55          | -18.56      |
|             |             | Full RB      | -11.66                 | 21.97                 | 14.41                  | 36.38      | 55          | -18.62      |
| 2077941     | 27926.52    | 1RB0         | -11.62                 | 22.13                 | 14.40                  | 36.53      | 55          | -18.47      |
|             |             | 1RB32        | -11.07                 | 22.68                 | 14.40                  | 37.08      | 55          | -17.92      |
|             |             | 1RB65        | -11.17                 | 22.58                 | 14.40                  | 36.98      | 55          | -18.02      |
|             |             | Full RB      | -11.22                 | 22.53                 | 14.40                  | 36.93      | 55          | -18.07      |
| 2081515     | 28140.96    | 1RB0         | -14.61                 | 19.81                 | 14.05                  | 33.86      | 55          | -21.14      |
|             |             | 1RB32        | -14.55                 | 19.87                 | 14.05                  | 33.92      | 55          | -21.08      |
|             |             | 1RB65        | -14.41                 | 20.01                 | 14.05                  | 34.06      | 55          | -20.94      |
|             |             | Full RB      | -14.18                 | 20.24                 | 14.05                  | 34.29      | 55          | -20.71      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -12.19                 | 21.44                 | 14.41                  | 35.85      | 55          | -19.15      |
|             |             | 1RB32        | -11.36                 | 22.27                 | 14.41                  | 36.68      | 55          | -18.32      |
|             |             | 1RB65        | -11.10                 | 22.53                 | 14.41                  | 36.94      | 55          | -18.06      |
|             |             | Full RB      | -12.20                 | 21.43                 | 14.41                  | 35.84      | 55          | -19.16      |
| 2077941     | 27926.52    | 1RB0         | -12.10                 | 21.65                 | 14.40                  | 36.05      | 55          | -18.95      |
|             |             | 1RB32        | -11.56                 | 22.19                 | 14.40                  | 36.59      | 55          | -18.41      |
|             |             | 1RB65        | -11.67                 | 22.08                 | 14.40                  | 36.48      | 55          | -18.52      |
|             |             | Full RB      | -11.69                 | 22.06                 | 14.40                  | 36.46      | 55          | -18.54      |
| 2081515     | 28140.96    | 1RB0         | -15.12                 | 19.30                 | 14.05                  | 33.35      | 55          | -21.65      |
|             |             | 1RB32        | -15.05                 | 19.37                 | 14.05                  | 33.42      | 55          | -21.58      |
|             |             | 1RB65        | -15.08                 | 19.34                 | 14.05                  | 33.39      | 55          | -21.61      |
|             |             | Full RB      | -14.68                 | 19.74                 | 14.05                  | 33.79      | 55          | -21.21      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

# Mode B

|                                     |                    |                              |             |
|-------------------------------------|--------------------|------------------------------|-------------|
| Band                                | n261               | Mode                         | Beam ID: 10 |
| EUT position / Antenna polarization | Z-plane / Vertical | Receive Antenna polarization | Vertical    |

## QPSK-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.07                 | 22.41                 | 14.41                  | 36.82      | 55          | -18.18      |
|             |             | 1RB32        | -11.77                 | 22.71                 | 14.41                  | 37.12      | 55          | -17.88      |
|             |             | 1RB65        | -11.88                 | 22.60                 | 14.41                  | 37.01      | 55          | -17.99      |
|             |             | Full RB      | -13.95                 | 20.53                 | 14.41                  | 34.94      | 55          | -20.06      |
| 2077891     | 27923.52    | 1RB0         | -11.49                 | 23.11                 | 14.40                  | 37.51      | 55          | -17.49      |
|             |             | 1RB32        | -10.69                 | 23.91                 | 14.40                  | 38.31      | 55          | -16.69      |
|             |             | 1RB65        | -10.94                 | 23.66                 | 14.40                  | 38.06      | 55          | -16.94      |
|             |             | Full RB      | -13.96                 | 20.64                 | 14.40                  | 35.04      | 55          | -19.96      |
| 2084035     | 28292.16    | 1RB0         | -12.52                 | 22.75                 | 14.05                  | 36.80      | 55          | -18.20      |
|             |             | 1RB32        | -12.60                 | 22.67                 | 14.05                  | 36.72      | 55          | -18.28      |
|             |             | 1RB65        | -13.94                 | 21.33                 | 14.05                  | 35.38      | 55          | -19.62      |
|             |             | Full RB      | -14.73                 | 20.54                 | 14.05                  | 34.59      | 55          | -20.41      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

## 16QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -12.57                 | 21.91                 | 14.41                  | 36.32      | 55          | -18.68      |
|             |             | 1RB32        | -12.30                 | 22.18                 | 14.41                  | 36.59      | 55          | -18.41      |
|             |             | 1RB65        | -12.38                 | 22.10                 | 14.41                  | 36.51      | 55          | -18.49      |
|             |             | Full RB      | -14.47                 | 20.01                 | 14.41                  | 34.42      | 55          | -20.58      |
| 2077891     | 27923.52    | 1RB0         | -11.99                 | 22.61                 | 14.40                  | 37.01      | 55          | -17.99      |
|             |             | 1RB32        | -11.15                 | 23.45                 | 14.40                  | 37.85      | 55          | -17.15      |
|             |             | 1RB65        | -11.24                 | 23.36                 | 14.40                  | 37.76      | 55          | -17.24      |
|             |             | Full RB      | -14.41                 | 20.19                 | 14.40                  | 34.59      | 55          | -20.41      |
| 2084035     | 28292.16    | 1RB0         | -13.01                 | 22.26                 | 14.05                  | 36.31      | 55          | -18.69      |
|             |             | 1RB32        | -13.09                 | 22.18                 | 14.05                  | 36.23      | 55          | -18.77      |
|             |             | 1RB65        | -14.43                 | 20.84                 | 14.05                  | 34.89      | 55          | -20.11      |
|             |             | Full RB      | -15.30                 | 19.97                 | 14.05                  | 34.02      | 55          | -20.98      |

### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .



#### 64QAM-1CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2071821     | 27559.32    | 1RB0         | -13.07                 | 21.41                 | 14.41                  | 35.82      | 55          | -19.18      |
|             |             | 1RB32        | -12.80                 | 21.68                 | 14.41                  | 36.09      | 55          | -18.91      |
|             |             | 1RB65        | -12.85                 | 21.63                 | 14.41                  | 36.04      | 55          | -18.96      |
|             |             | Full RB      | -14.95                 | 19.53                 | 14.41                  | 33.94      | 55          | -21.06      |
| 2077891     | 27923.52    | 1RB0         | -12.38                 | 22.22                 | 14.40                  | 36.62      | 55          | -18.38      |
|             |             | 1RB32        | -11.45                 | 23.15                 | 14.40                  | 37.55      | 55          | -17.45      |
|             |             | 1RB65        | -11.63                 | 22.97                 | 14.40                  | 37.37      | 55          | -17.63      |
|             |             | Full RB      | -14.92                 | 19.68                 | 14.40                  | 34.08      | 55          | -20.92      |
| 2084035     | 28292.16    | 1RB0         | -13.48                 | 21.79                 | 14.05                  | 35.84      | 55          | -19.16      |
|             |             | 1RB32        | -13.80                 | 21.47                 | 14.05                  | 35.52      | 55          | -19.48      |
|             |             | 1RB65        | -14.93                 | 20.34                 | 14.05                  | 34.39      | 55          | -20.61      |
|             |             | Full RB      | -15.50                 | 19.77                 | 14.05                  | 33.82      | 55          | -21.18      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

#### QPSK-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -10.93                 | 22.70                 | 14.41                  | 37.11      | 55          | -17.89      |
|             |             | 1RB32        | -10.69                 | 22.94                 | 14.41                  | 37.35      | 55          | -17.65      |
|             |             | 1RB65        | -10.82                 | 22.81                 | 14.41                  | 37.22      | 55          | -17.78      |
|             |             | Full RB      | -13.32                 | 20.31                 | 14.41                  | 34.72      | 55          | -20.28      |
| 2077915     | 27924.96    | 1RB0         | -10.56                 | 23.19                 | 14.40                  | 37.59      | 55          | -17.41      |
|             |             | 1RB32        | -10.17                 | 23.58                 | 14.40                  | 37.98      | 55          | -17.02      |
|             |             | 1RB65        | -10.31                 | 23.44                 | 14.40                  | 37.84      | 55          | -17.16      |
|             |             | Full RB      | -13.33                 | 20.42                 | 14.40                  | 34.82      | 55          | -20.18      |
| 2083291     | 28247.52    | 1RB0         | -11.45                 | 22.97                 | 14.05                  | 37.02      | 55          | -17.98      |
|             |             | 1RB32        | -11.38                 | 23.04                 | 14.05                  | 37.09      | 55          | -17.91      |
|             |             | 1RB65        | -12.26                 | 22.16                 | 14.05                  | 36.21      | 55          | -18.79      |
|             |             | Full RB      | -13.77                 | 20.65                 | 14.05                  | 34.70      | 55          | -20.30      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.43                 | 22.20                 | 14.41                  | 36.61      | 55          | -18.39      |
|             |             | 1RB32        | -11.16                 | 22.47                 | 14.41                  | 36.88      | 55          | -18.12      |
|             |             | 1RB65        | -11.32                 | 22.31                 | 14.41                  | 36.72      | 55          | -18.28      |
|             |             | Full RB      | -13.79                 | 19.84                 | 14.41                  | 34.25      | 55          | -20.75      |
| 2077915     | 27924.96    | 1RB0         | -11.10                 | 22.65                 | 14.40                  | 37.05      | 55          | -17.95      |
|             |             | 1RB32        | -10.69                 | 23.06                 | 14.40                  | 37.46      | 55          | -17.54      |
|             |             | 1RB65        | -10.81                 | 22.94                 | 14.40                  | 37.34      | 55          | -17.66      |
|             |             | Full RB      | -13.82                 | 19.93                 | 14.40                  | 34.33      | 55          | -20.67      |
| 2083291     | 28247.52    | 1RB0         | -11.93                 | 22.49                 | 14.05                  | 36.54      | 55          | -18.46      |
|             |             | 1RB32        | -11.89                 | 22.53                 | 14.05                  | 36.58      | 55          | -18.42      |
|             |             | 1RB65        | -11.75                 | 22.67                 | 14.05                  | 36.72      | 55          | -18.28      |
|             |             | Full RB      | -14.27                 | 20.15                 | 14.05                  | 34.20      | 55          | -20.80      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-2CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2072613     | 27606.84    | 1RB0         | -11.92                 | 21.71                 | 14.41                  | 36.12      | 55          | -18.88      |
|             |             | 1RB32        | -11.66                 | 21.97                 | 14.41                  | 36.38      | 55          | -18.62      |
|             |             | 1RB65        | -11.82                 | 21.81                 | 14.41                  | 36.22      | 55          | -18.78      |
|             |             | Full RB      | -14.29                 | 19.34                 | 14.41                  | 33.75      | 55          | -21.25      |
| 2077915     | 27924.96    | 1RB0         | -11.56                 | 22.19                 | 14.40                  | 36.59      | 55          | -18.41      |
|             |             | 1RB32        | -11.17                 | 22.58                 | 14.40                  | 36.98      | 55          | -18.02      |
|             |             | 1RB65        | -11.31                 | 22.44                 | 14.40                  | 36.84      | 55          | -18.16      |
|             |             | Full RB      | -14.32                 | 19.43                 | 14.40                  | 33.83      | 55          | -21.17      |
| 2083291     | 28247.52    | 1RB0         | -12.42                 | 22.00                 | 14.05                  | 36.05      | 55          | -18.95      |
|             |             | 1RB32        | -12.39                 | 22.03                 | 14.05                  | 36.08      | 55          | -18.92      |
|             |             | 1RB65        | -12.25                 | 22.17                 | 14.05                  | 36.22      | 55          | -18.78      |
|             |             | Full RB      | -14.77                 | 19.65                 | 14.05                  | 33.70      | 55          | -21.30      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### QPSK-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.17                 | 23.46                 | 14.41                  | 37.87      | 55          | -17.13      |
|             |             | 1RB32        | -10.11                 | 23.52                 | 14.41                  | 37.93      | 55          | -17.07      |
|             |             | 1RB65        | -10.62                 | 23.01                 | 14.41                  | 37.42      | 55          | -17.58      |
|             |             | Full RB      | -13.33                 | 20.30                 | 14.41                  | 34.71      | 55          | -20.29      |
| 2077941     | 27926.52    | 1RB0         | -10.53                 | 23.22                 | 14.40                  | 37.62      | 55          | -17.38      |
|             |             | 1RB32        | -10.45                 | 23.30                 | 14.40                  | 37.70      | 55          | -17.30      |
|             |             | 1RB65        | -11.22                 | 22.53                 | 14.40                  | 36.93      | 55          | -18.07      |
|             |             | Full RB      | -13.33                 | 20.42                 | 14.40                  | 34.82      | 55          | -20.18      |
| 2081515     | 28140.96    | 1RB0         | -11.04                 | 23.38                 | 14.05                  | 37.43      | 55          | -17.57      |
|             |             | 1RB32        | -10.84                 | 23.58                 | 14.05                  | 37.63      | 55          | -17.37      |
|             |             | 1RB65        | -11.69                 | 22.73                 | 14.05                  | 36.78      | 55          | -18.22      |
|             |             | Full RB      | -14.36                 | 20.06                 | 14.05                  | 34.11      | 55          | -20.89      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 16QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.42                 | 23.21                 | 14.41                  | 37.62      | 55          | -17.38      |
|             |             | 1RB32        | -10.48                 | 23.15                 | 14.41                  | 37.56      | 55          | -17.44      |
|             |             | 1RB65        | -11.11                 | 22.52                 | 14.41                  | 36.93      | 55          | -18.07      |
|             |             | Full RB      | -13.78                 | 19.85                 | 14.41                  | 34.26      | 55          | -20.74      |
| 2077941     | 27926.52    | 1RB0         | -11.01                 | 22.74                 | 14.40                  | 37.14      | 55          | -17.86      |
|             |             | 1RB32        | -10.93                 | 22.82                 | 14.40                  | 37.22      | 55          | -17.78      |
|             |             | 1RB65        | -11.72                 | 22.03                 | 14.40                  | 36.43      | 55          | -18.57      |
|             |             | Full RB      | -13.83                 | 19.92                 | 14.40                  | 34.32      | 55          | -20.68      |
| 2081515     | 28140.96    | 1RB0         | -11.54                 | 22.88                 | 14.05                  | 36.93      | 55          | -18.07      |
|             |             | 1RB32        | -11.34                 | 23.08                 | 14.05                  | 37.13      | 55          | -17.87      |
|             |             | 1RB65        | -12.19                 | 22.23                 | 14.05                  | 36.28      | 55          | -18.72      |
|             |             | Full RB      | -14.86                 | 19.56                 | 14.05                  | 33.61      | 55          | -21.39      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

### 64QAM-4CC

| Channel No. | Freq. (MHz) | RB Condition | Spectrum Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-------------|-------------|--------------|------------------------|-----------------------|------------------------|------------|-------------|-------------|
| 2074197     | 27701.88    | 1RB0         | -10.92                 | 22.71                 | 14.41                  | 37.12      | 55          | -17.88      |
|             |             | 1RB32        | -10.98                 | 22.65                 | 14.41                  | 37.06      | 55          | -17.94      |
|             |             | 1RB65        | -11.61                 | 22.02                 | 14.41                  | 36.43      | 55          | -18.57      |
|             |             | Full RB      | -14.28                 | 19.35                 | 14.41                  | 33.76      | 55          | -21.24      |
| 2077941     | 27926.52    | 1RB0         | -11.51                 | 22.24                 | 14.40                  | 36.64      | 55          | -18.36      |
|             |             | 1RB32        | -11.43                 | 22.32                 | 14.40                  | 36.72      | 55          | -18.28      |
|             |             | 1RB65        | -12.22                 | 21.53                 | 14.40                  | 35.93      | 55          | -19.07      |
|             |             | Full RB      | -14.33                 | 19.42                 | 14.40                  | 33.82      | 55          | -21.18      |
| 2081515     | 28140.96    | 1RB0         | -12.02                 | 22.40                 | 14.05                  | 36.45      | 55          | -18.55      |
|             |             | 1RB32        | -11.86                 | 22.56                 | 14.05                  | 36.61      | 55          | -18.39      |
|             |             | 1RB65        | -12.75                 | 21.67                 | 14.05                  | 35.72      | 55          | -19.28      |
|             |             | Full RB      | -15.28                 | 19.14                 | 14.05                  | 33.19      | 55          | -21.81      |

#### Remarks:

1. The EIRP was evaluated on vertical and horizontal polarization.
2.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
3.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .
4.  $\text{Spectrum reading (dBm)} = \text{DUT emission amplitude level}$ .

Mode B

|                                     |                                 |                              |                       |
|-------------------------------------|---------------------------------|------------------------------|-----------------------|
| Band                                | n261                            | Beam ID                      | 1                     |
| EUT position / Antenna polarization | Z-plane / Horizontal + Vertical | Receive Antenna polarization | Horizontal + Vertical |

1CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 36.82         | 36.93 | 39.89     |
|            |             |             | 1RB32        | 37.32         | 37.22 | 40.28     |
|            |             |             | 1RB65        | 37.12         | 37.10 | 40.12     |
|            |             |             | Full RB      | 37.24         | 35.04 | 39.29     |
|            | 2077891     | 27923.52    | 1RB0         | 37.02         | 37.65 | 40.36     |
|            |             |             | 1RB32        | 37.56         | 38.12 | 40.86     |
|            |             |             | 1RB65        | 37.11         | 37.96 | 40.57     |
|            |             |             | Full RB      | 37.80         | 35.20 | 39.70     |
|            | 2084035     | 28292.16    | 1RB0         | 34.10         | 36.91 | 38.74     |
|            |             |             | 1RB32        | 34.65         | 36.99 | 38.99     |
|            |             |             | 1RB65        | 34.60         | 35.48 | 38.07     |
|            |             |             | Full RB      | 34.53         | 34.74 | 37.65     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.32         | 36.43 | 39.39     |
|            |             |             | 1RB32        | 36.83         | 36.70 | 39.78     |
|            |             |             | 1RB65        | 36.62         | 36.69 | 39.67     |
|            |             |             | Full RB      | 36.74         | 34.61 | 38.81     |
|            | 2077891     | 27923.52    | 1RB0         | 36.55         | 37.10 | 39.84     |
|            |             |             | 1RB32        | 36.98         | 37.79 | 40.41     |
|            |             |             | 1RB65        | 36.67         | 37.64 | 40.19     |
|            |             |             | Full RB      | 37.03         | 34.69 | 39.03     |
|            | 2084035     | 28292.16    | 1RB0         | 33.64         | 35.91 | 37.93     |
|            |             |             | 1RB32        | 34.12         | 36.40 | 38.42     |
|            |             |             | 1RB65        | 34.11         | 34.94 | 37.56     |
|            |             |             | Full RB      | 34.02         | 34.30 | 37.17     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 35.93         | 35.92 | 38.94     |
|            |             |             | 1RB32        | 36.33         | 36.18 | 39.27     |
|            |             |             | 1RB65        | 36.14         | 36.17 | 39.17     |
|            |             |             | Full RB      | 36.29         | 34.10 | 38.34     |
|            | 2077891     | 27923.52    | 1RB0         | 36.05         | 36.67 | 39.38     |
|            |             |             | 1RB32        | 36.45         | 37.32 | 39.92     |
|            |             |             | 1RB65        | 36.14         | 37.30 | 39.77     |
|            |             |             | Full RB      | 36.53         | 34.14 | 38.51     |
|            | 2084035     | 28292.16    | 1RB0         | 33.19         | 35.45 | 37.48     |
|            |             |             | 1RB32        | 33.70         | 35.62 | 37.78     |
|            |             |             | 1RB65        | 33.61         | 34.40 | 37.03     |
|            |             |             | Full RB      | 33.52         | 34.00 | 36.78     |

## 2CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 36.66         | 37.21 | 39.95     |
|            |             |             | 1RB32        | 37.69         | 37.54 | 40.63     |
|            |             |             | 1RB65        | 37.01         | 37.33 | 40.18     |
|            |             |             | Full RB      | 36.92         | 34.89 | 39.03     |
|            | 2077891     | 27923.52    | 1RB0         | 37.04         | 37.71 | 40.40     |
|            |             |             | 1RB32        | 37.13         | 37.89 | 40.54     |
|            |             |             | 1RB65        | 37.10         | 37.85 | 40.50     |
|            |             |             | Full RB      | 37.12         | 34.98 | 39.19     |
|            | 2084035     | 28292.16    | 1RB0         | 34.10         | 37.12 | 38.88     |
|            |             |             | 1RB32        | 34.59         | 37.14 | 39.06     |
|            |             |             | 1RB65        | 34.52         | 36.30 | 38.51     |
|            |             |             | Full RB      | 34.42         | 34.81 | 37.63     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.16         | 36.71 | 39.45     |
|            |             |             | 1RB32        | 37.21         | 37.03 | 40.13     |
|            |             |             | 1RB65        | 36.53         | 36.82 | 39.69     |
|            |             |             | Full RB      | 36.44         | 34.36 | 38.53     |
|            | 2077891     | 27923.52    | 1RB0         | 36.55         | 37.24 | 39.92     |
|            |             |             | 1RB32        | 36.63         | 37.58 | 40.14     |
|            |             |             | 1RB65        | 36.61         | 37.46 | 40.07     |
|            |             |             | Full RB      | 36.60         | 34.49 | 38.68     |
|            | 2084035     | 28292.16    | 1RB0         | 33.62         | 36.66 | 38.41     |
|            |             |             | 1RB32        | 34.09         | 36.71 | 38.60     |
|            |             |             | 1RB65        | 34.01         | 35.78 | 37.99     |
|            |             |             | Full RB      | 33.89         | 34.39 | 37.16     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 35.69         | 36.22 | 38.97     |
|            |             |             | 1RB32        | 36.71         | 36.53 | 39.63     |
|            |             |             | 1RB65        | 36.04         | 36.34 | 39.20     |
|            |             |             | Full RB      | 35.94         | 33.82 | 38.02     |
|            | 2077891     | 27923.52    | 1RB0         | 36.02         | 36.74 | 39.41     |
|            |             |             | 1RB32        | 36.13         | 37.07 | 39.64     |
|            |             |             | 1RB65        | 36.11         | 36.94 | 39.56     |
|            |             |             | Full RB      | 36.05         | 33.93 | 38.13     |
|            | 2084035     | 28292.16    | 1RB0         | 33.11         | 36.14 | 37.89     |
|            |             |             | 1RB32        | 33.52         | 36.59 | 38.33     |
|            |             |             | 1RB65        | 33.51         | 35.24 | 37.47     |
|            |             |             | Full RB      | 33.39         | 33.85 | 36.64     |

## 4CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 36.71         | 37.86 | 40.33     |
|            |             |             | 1RB32        | 37.52         | 37.89 | 40.72     |
|            |             |             | 1RB65        | 36.83         | 37.59 | 40.24     |
|            |             |             | Full RB      | 36.81         | 34.83 | 38.94     |
|            | 2077891     | 27923.52    | 1RB0         | 36.95         | 37.74 | 40.37     |
|            |             |             | 1RB32        | 37.44         | 37.82 | 40.64     |
|            |             |             | 1RB65        | 37.40         | 37.03 | 40.23     |
|            |             |             | Full RB      | 37.29         | 34.94 | 39.28     |
|            | 2084035     | 28292.16    | 1RB0         | 34.22         | 37.51 | 39.18     |
|            |             |             | 1RB32        | 34.39         | 37.79 | 39.42     |
|            |             |             | 1RB65        | 34.39         | 36.89 | 38.83     |
|            |             |             | Full RB      | 34.69         | 34.26 | 37.49     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.22         | 37.63 | 39.99     |
|            |             |             | 1RB32        | 37.04         | 37.88 | 40.49     |
|            |             |             | 1RB65        | 36.34         | 37.01 | 39.70     |
|            |             |             | Full RB      | 36.33         | 34.33 | 38.45     |
|            | 2077891     | 27923.52    | 1RB0         | 36.46         | 37.23 | 39.87     |
|            |             |             | 1RB32        | 36.92         | 37.34 | 40.15     |
|            |             |             | 1RB65        | 36.89         | 36.56 | 39.74     |
|            |             |             | Full RB      | 36.79         | 34.40 | 38.77     |
|            | 2084035     | 28292.16    | 1RB0         | 33.75         | 37.01 | 38.69     |
|            |             |             | 1RB32        | 33.88         | 37.61 | 39.14     |
|            |             |             | 1RB65        | 33.85         | 36.37 | 38.30     |
|            |             |             | Full RB      | 34.19         | 33.85 | 37.03     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 35.71         | 37.14 | 39.49     |
|            |             |             | 1RB32        | 36.54         | 37.36 | 39.98     |
|            |             |             | 1RB65        | 35.84         | 36.60 | 39.25     |
|            |             |             | Full RB      | 35.83         | 33.88 | 37.97     |
|            | 2077891     | 27923.52    | 1RB0         | 35.96         | 36.80 | 39.41     |
|            |             |             | 1RB32        | 36.42         | 36.84 | 39.65     |
|            |             |             | 1RB65        | 36.38         | 36.10 | 39.25     |
|            |             |             | Full RB      | 36.25         | 33.91 | 38.25     |
|            | 2084035     | 28292.16    | 1RB0         | 33.24         | 36.65 | 38.28     |
|            |             |             | 1RB32        | 33.39         | 36.65 | 38.33     |
|            |             |             | 1RB65        | 33.38         | 36.20 | 38.03     |
|            |             |             | Full RB      | 33.68         | 33.41 | 36.56     |

Mode B

|                                     |                                 |                              |                       |
|-------------------------------------|---------------------------------|------------------------------|-----------------------|
| Band                                | n261                            | Beam ID                      | 10                    |
| EUT position / Antenna polarization | Z-plane / Horizontal + Vertical | Receive Antenna polarization | Horizontal + Vertical |

1CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 37.02         | 36.82 | 39.93     |
|            |             |             | 1RB32        | 37.54         | 37.12 | 40.35     |
|            |             |             | 1RB65        | 37.34         | 37.01 | 40.19     |
|            |             |             | Full RB      | 37.46         | 34.94 | 39.39     |
|            | 2077891     | 27923.52    | 1RB0         | 37.21         | 37.51 | 40.37     |
|            |             |             | 1RB32        | 37.77         | 38.31 | 41.06     |
|            |             |             | 1RB65        | 37.34         | 38.06 | 40.73     |
|            |             |             | Full RB      | 34.64         | 35.04 | 37.85     |
|            | 2084035     | 28292.16    | 1RB0         | 34.35         | 36.80 | 38.76     |
|            |             |             | 1RB32        | 34.82         | 36.72 | 38.88     |
|            |             |             | 1RB65        | 34.78         | 35.38 | 38.10     |
|            |             |             | Full RB      | 34.77         | 34.59 | 37.69     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.54         | 36.32 | 39.44     |
|            |             |             | 1RB32        | 37.02         | 36.59 | 39.82     |
|            |             |             | 1RB65        | 36.88         | 36.51 | 39.71     |
|            |             |             | Full RB      | 36.94         | 34.42 | 38.87     |
|            | 2077891     | 27923.52    | 1RB0         | 36.74         | 37.01 | 39.89     |
|            |             |             | 1RB32        | 37.15         | 37.85 | 40.52     |
|            |             |             | 1RB65        | 36.84         | 37.76 | 40.33     |
|            |             |             | Full RB      | 37.27         | 34.59 | 39.14     |
|            | 2084035     | 28292.16    | 1RB0         | 33.85         | 36.31 | 38.26     |
|            |             |             | 1RB32        | 34.48         | 36.23 | 38.45     |
|            |             |             | 1RB65        | 34.28         | 34.89 | 37.61     |
|            |             |             | Full RB      | 34.26         | 34.02 | 37.15     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 36.04         | 35.82 | 38.94     |
|            |             |             | 1RB32        | 36.61         | 36.09 | 39.37     |
|            |             |             | 1RB65        | 36.38         | 36.04 | 39.22     |
|            |             |             | Full RB      | 36.44         | 33.94 | 38.38     |
|            | 2077891     | 27923.52    | 1RB0         | 36.23         | 36.62 | 39.44     |
|            |             |             | 1RB32        | 36.65         | 37.55 | 40.13     |
|            |             |             | 1RB65        | 36.34         | 37.37 | 39.90     |
|            |             |             | Full RB      | 36.77         | 34.08 | 38.64     |
|            | 2084035     | 28292.16    | 1RB0         | 33.49         | 35.84 | 37.83     |
|            |             |             | 1RB32        | 33.98         | 35.52 | 37.83     |
|            |             |             | 1RB65        | 33.78         | 34.39 | 37.11     |
|            |             |             | Full RB      | 33.77         | 33.82 | 36.81     |



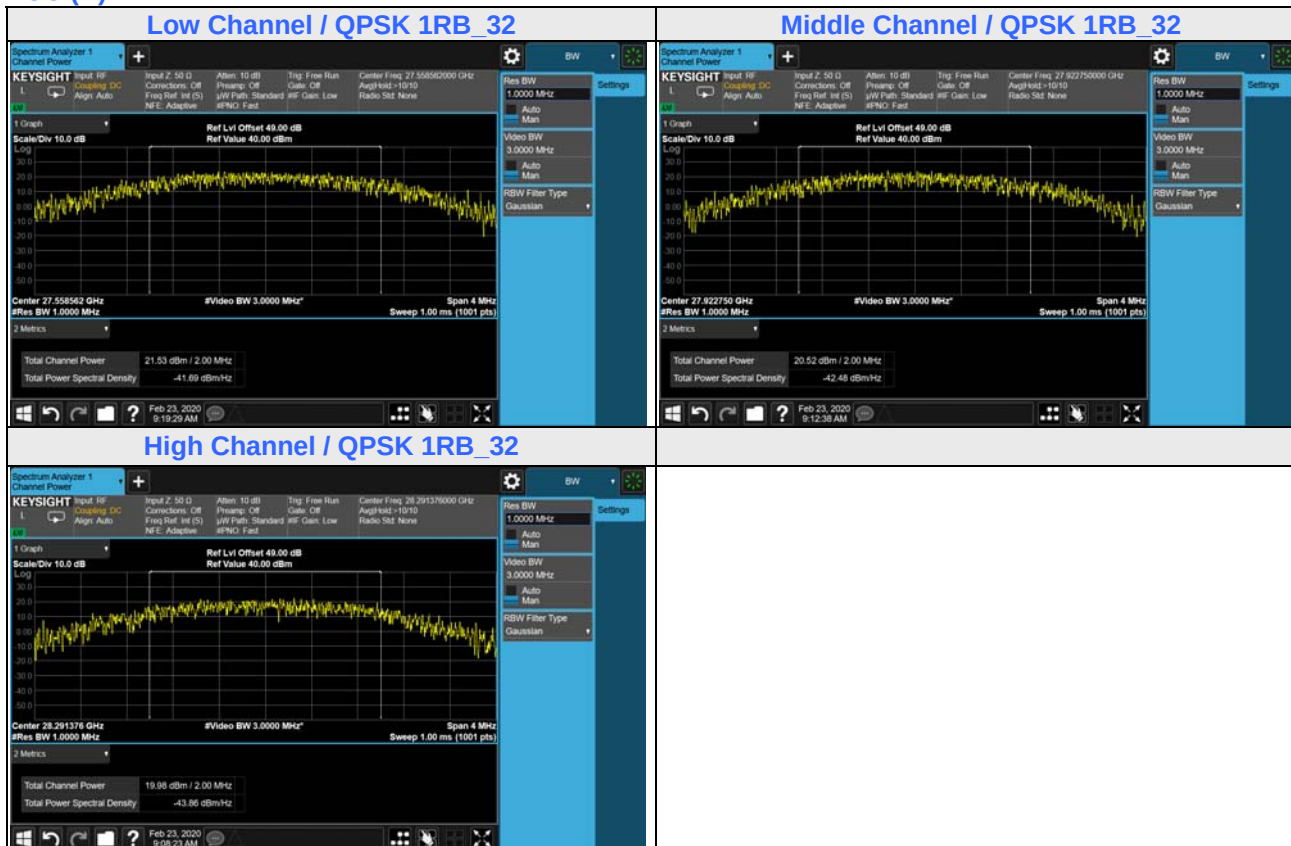
## 2CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 36.72         | 37.11 | 39.93     |
|            |             |             | 1RB32        | 37.82         | 37.35 | 40.60     |
|            |             |             | 1RB65        | 37.24         | 37.22 | 40.24     |
|            |             |             | Full RB      | 37.15         | 34.72 | 39.11     |
|            | 2077891     | 27923.52    | 1RB0         | 37.12         | 37.59 | 40.37     |
|            |             |             | 1RB32        | 37.29         | 37.98 | 40.66     |
|            |             |             | 1RB65        | 37.24         | 37.84 | 40.56     |
|            |             |             | Full RB      | 37.21         | 34.82 | 39.19     |
|            | 2084035     | 28292.16    | 1RB0         | 34.21         | 37.02 | 38.85     |
|            |             |             | 1RB32        | 34.72         | 37.09 | 39.08     |
|            |             |             | 1RB65        | 34.66         | 36.21 | 38.51     |
|            |             |             | Full RB      | 34.59         | 34.70 | 37.66     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.21         | 36.61 | 39.42     |
|            |             |             | 1RB32        | 37.31         | 36.88 | 40.11     |
|            |             |             | 1RB65        | 36.71         | 36.72 | 39.73     |
|            |             |             | Full RB      | 36.65         | 34.25 | 38.62     |
|            | 2077891     | 27923.52    | 1RB0         | 36.62         | 37.05 | 39.85     |
|            |             |             | 1RB32        | 36.79         | 37.46 | 40.15     |
|            |             |             | 1RB65        | 36.71         | 37.34 | 40.05     |
|            |             |             | Full RB      | 36.61         | 34.33 | 38.63     |
|            | 2084035     | 28292.16    | 1RB0         | 33.71         | 36.54 | 38.36     |
|            |             |             | 1RB32        | 33.23         | 36.58 | 38.23     |
|            |             |             | 1RB65        | 34.15         | 36.72 | 38.63     |
|            |             |             | Full RB      | 34.09         | 34.20 | 37.16     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 35.77         | 36.12 | 38.96     |
|            |             |             | 1RB32        | 36.82         | 36.38 | 39.62     |
|            |             |             | 1RB65        | 36.21         | 36.22 | 39.23     |
|            |             |             | Full RB      | 36.15         | 33.75 | 38.12     |
|            | 2077891     | 27923.52    | 1RB0         | 36.12         | 36.59 | 39.37     |
|            |             |             | 1RB32        | 36.29         | 36.98 | 39.66     |
|            |             |             | 1RB65        | 36.22         | 36.84 | 39.55     |
|            |             |             | Full RB      | 36.14         | 33.83 | 38.15     |
|            | 2084035     | 28292.16    | 1RB0         | 33.26         | 36.05 | 37.89     |
|            |             |             | 1RB32        | 32.79         | 36.08 | 37.75     |
|            |             |             | 1RB65        | 33.69         | 36.22 | 38.15     |
|            |             |             | Full RB      | 33.58         | 33.70 | 36.65     |

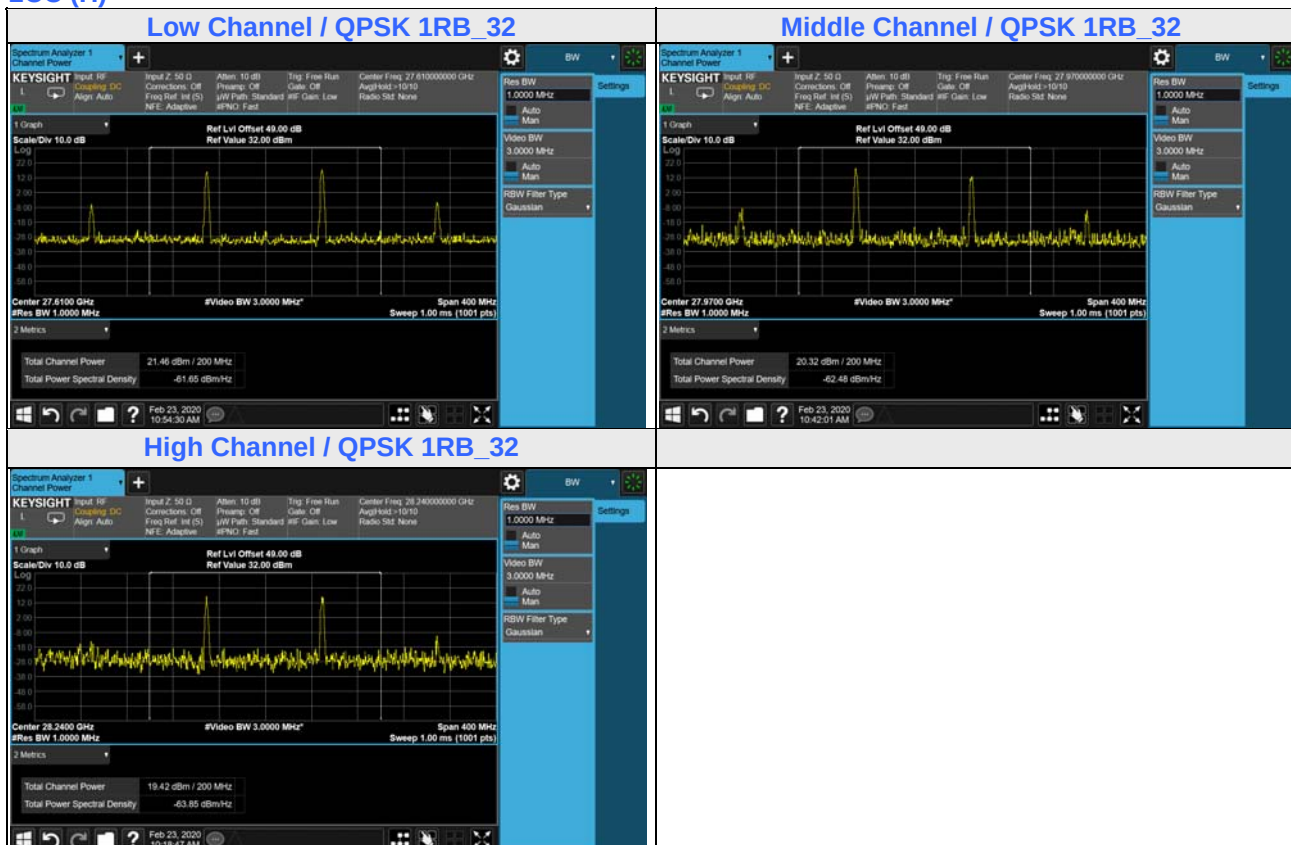
#### 4CC

| Modulation | Channel No. | Freq. (MHz) | RB Condition | EIRP (dBm)    |       |           |
|------------|-------------|-------------|--------------|---------------|-------|-----------|
|            |             |             |              | Worst Beam ID |       | MIMO Beam |
|            |             |             |              | H             | V     | H+V       |
| QPSK       | 2071821     | 27559.32    | 1RB0         | 36.84         | 37.87 | 40.40     |
|            |             |             | 1RB32        | 37.66         | 37.93 | 40.81     |
|            |             |             | 1RB65        | 36.94         | 37.42 | 40.20     |
|            |             |             | Full RB      | 36.88         | 34.71 | 38.94     |
|            | 2077891     | 27923.52    | 1RB0         | 37.03         | 37.62 | 40.35     |
|            |             |             | 1RB32        | 37.59         | 37.70 | 40.66     |
|            |             |             | 1RB65        | 37.50         | 36.93 | 40.23     |
|            |             |             | Full RB      | 37.41         | 34.82 | 39.32     |
|            | 2084035     | 28292.16    | 1RB0         | 34.39         | 37.43 | 39.18     |
|            |             |             | 1RB32        | 34.43         | 37.63 | 39.33     |
|            |             |             | 1RB65        | 34.51         | 36.78 | 38.80     |
|            |             |             | Full RB      | 34.77         | 34.11 | 37.46     |
| 16QAM      | 2071821     | 27559.32    | 1RB0         | 36.35         | 37.62 | 40.04     |
|            |             |             | 1RB32        | 37.18         | 37.56 | 40.38     |
|            |             |             | 1RB65        | 36.44         | 36.93 | 39.70     |
|            |             |             | Full RB      | 36.38         | 34.26 | 38.46     |
|            | 2077891     | 27923.52    | 1RB0         | 36.53         | 37.14 | 39.86     |
|            |             |             | 1RB32        | 37.08         | 37.22 | 40.16     |
|            |             |             | 1RB65        | 36.98         | 36.43 | 39.72     |
|            |             |             | Full RB      | 36.93         | 34.32 | 38.83     |
|            | 2084035     | 28292.16    | 1RB0         | 33.86         | 36.93 | 38.67     |
|            |             |             | 1RB32        | 33.92         | 37.13 | 38.83     |
|            |             |             | 1RB65        | 34.06         | 36.28 | 38.32     |
|            |             |             | Full RB      | 34.29         | 33.61 | 36.97     |
| 64QAM      | 2071821     | 27559.32    | 1RB0         | 35.85         | 37.12 | 39.54     |
|            |             |             | 1RB32        | 36.68         | 37.06 | 39.88     |
|            |             |             | 1RB65        | 36.94         | 36.43 | 39.70     |
|            |             |             | Full RB      | 35.84         | 33.76 | 37.93     |
|            | 2077891     | 27923.52    | 1RB0         | 36.05         | 36.64 | 39.37     |
|            |             |             | 1RB32        | 36.59         | 36.72 | 39.67     |
|            |             |             | 1RB65        | 36.48         | 35.93 | 39.22     |
|            |             |             | Full RB      | 36.46         | 33.82 | 38.35     |
|            | 2084035     | 28292.16    | 1RB0         | 33.35         | 36.45 | 38.18     |
|            |             |             | 1RB32        | 33.42         | 36.61 | 38.31     |
|            |             |             | 1RB65        | 33.39         | 35.72 | 37.72     |
|            |             |             | Full RB      | 33.79         | 33.19 | 36.51     |

## Mode A (Worst test plots) 1CC (H)



## 2CC (H)



## 4CC (H)

### Low Channel / QPSK 1RB 32



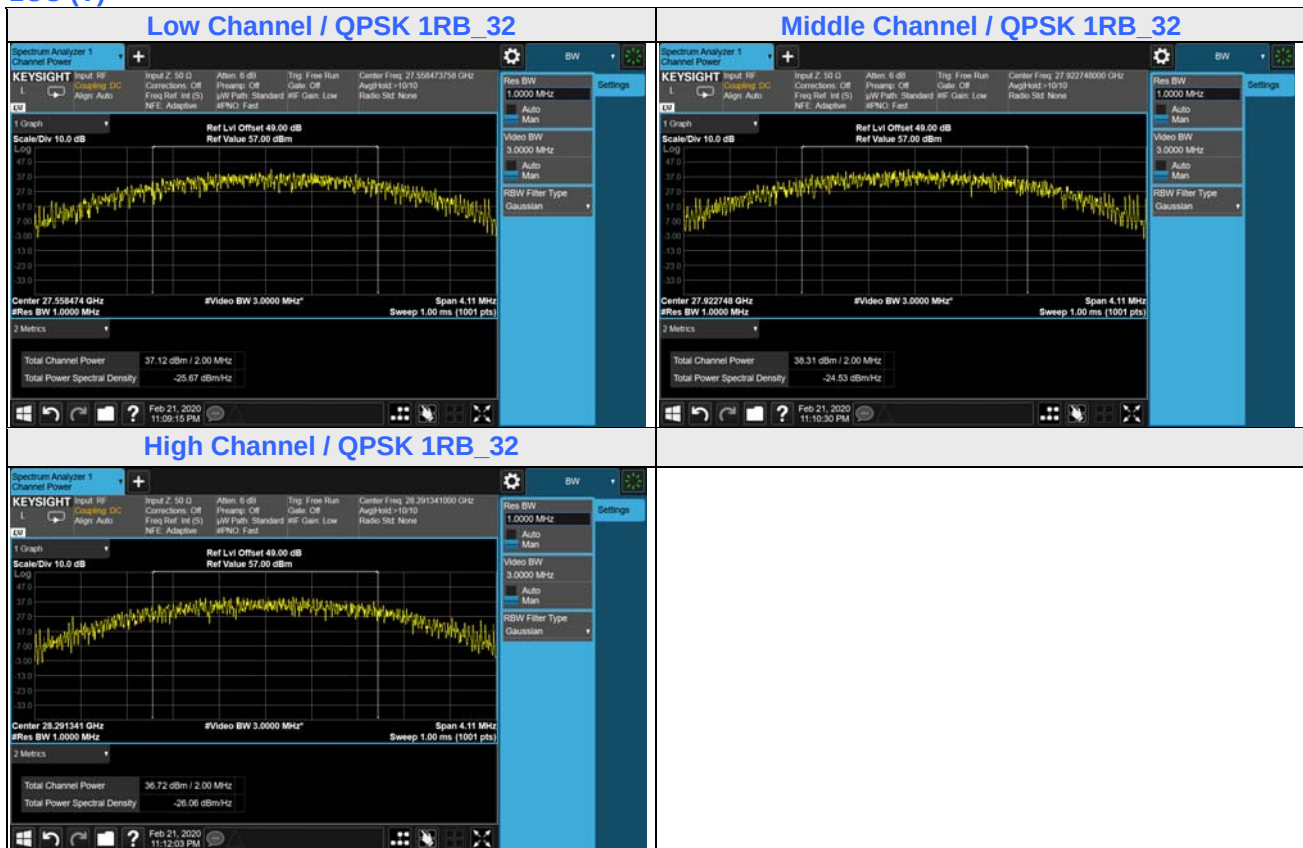
### Middle Channel / QPSK 1RB 32



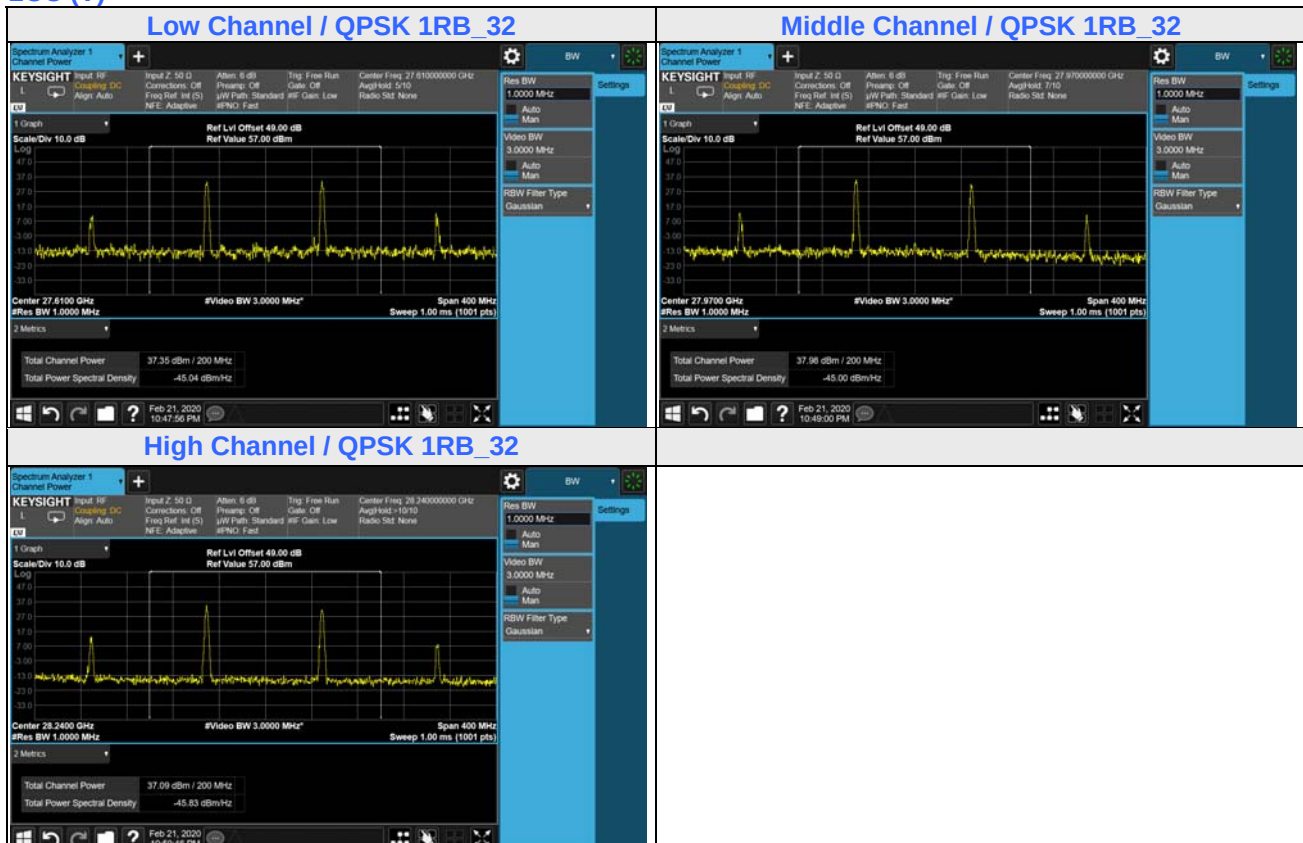
### High Channel / QPSK 1RB 32



## Mode B (Worst test plots-Beam ID: 10) 1CC (V)



## 2CC (V)





## 4CC (V)

### Low Channel / QPSK 1RB 32



### Middle Channel / QPSK 1RB 32



### High Channel / QPSK 1RB 32

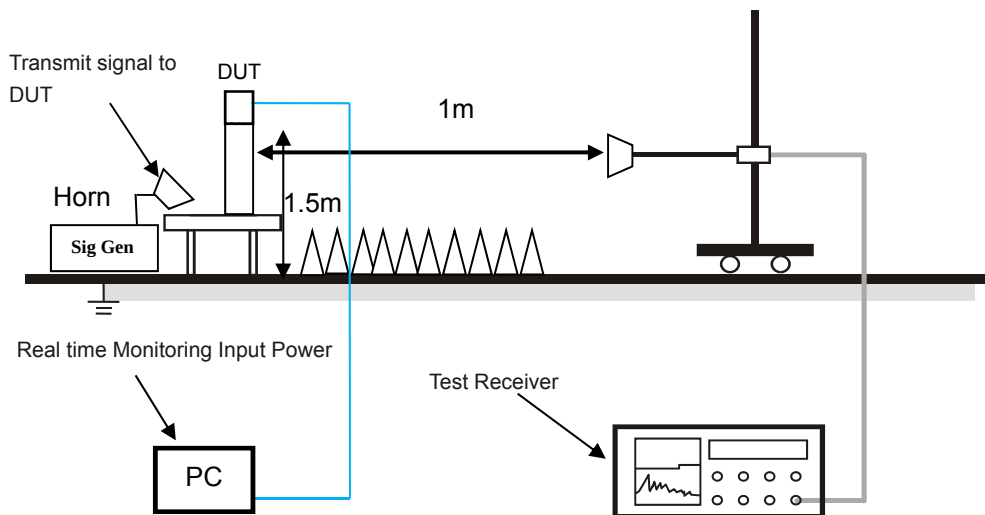


#### 4.4 Emission Bandwidth Measurement

##### 4.4.1 Limit of Emission Bandwidth Measurement

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency.

##### 4.4.2 Test Setup



##### 4.4.3 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

##### 4.4.4 Test Procedure

1. The spectrum analyzer's automatic bandwidth measurement function was used to perform the 99% occupied bandwidth and the 26 dB bandwidth measurement.
2. Set the RBW = 1~5% of the anticipated OBW, and the VBW  $\geq 3 \times$  RBW.
3. Set spectrum analyzer detection mode to peak, and the trace mode to max hold
4. Sweep = auto couple
5. Record the test plots and test results.

##### 4.4.5 Deviation from Test Standard

No deviation.

##### 4.4.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

#### 4.4.7 Test Result

##### Mode A

| Band | Component Carriers | Modulation | RB      | Occupied Bandwidth (MHz) |
|------|--------------------|------------|---------|--------------------------|
| n261 | 1CC                | QPSK       | 1RB32   | 1.9725                   |
|      |                    |            | Full RB | 94.5                     |
|      |                    | 16QAM      | 1RB32   | 1.9142                   |
|      |                    |            | Full RB | 94.582                   |
|      |                    | 64QAM      | 1RB32   | 2.0193                   |
|      |                    |            | Full RB | 94.516                   |
|      | 2CC                | QPSK       | 1RB32   | 111.1                    |
|      |                    |            | Full RB | 196.91                   |
|      |                    | 16QAM      | 1RB32   | 111.07                   |
|      |                    |            | Full RB | 196.78                   |
|      |                    | 64QAM      | 1RB32   | 111.51                   |
|      |                    |            | Full RB | 197                      |
|      | 4CC                | QPSK       | 1RB32   | 310.86                   |
|      |                    |            | Full RB | 395.32                   |
|      |                    | 16QAM      | 1RB32   | 311.71                   |
|      |                    |            | Full RB | 395.72                   |
|      |                    | 64QAM      | 1RB32   | 317.54                   |
|      |                    |            | Full RB | 397.44                   |



## Mode B

| Band | Component Carriers | Modulation | RB      | Occupied Bandwidth (MHz) |
|------|--------------------|------------|---------|--------------------------|
| n261 | 1CC                | QPSK       | 1RB32   | 1.8742                   |
|      |                    |            | Full RB | 94.379                   |
|      |                    | 16QAM      | 1RB32   | 1.8921                   |
|      |                    |            | Full RB | 94.409                   |
|      |                    | 64QAM      | 1RB32   | 1.7688                   |
|      |                    |            | Full RB | 94.338                   |
|      | 2CC                | QPSK       | 1RB32   | 110.73                   |
|      |                    |            | Full RB | 196.88                   |
|      |                    | 16QAM      | 1RB32   | 111.11                   |
|      |                    |            | Full RB | 196.11                   |
|      |                    | 64QAM      | 1RB32   | 111.18                   |
|      |                    |            | Full RB | 196.13                   |
|      | 4CC                | QPSK       | 1RB32   | 309.93                   |
|      |                    |            | Full RB | 394.21                   |
|      |                    | 16QAM      | 1RB32   | 311.44                   |
|      |                    |            | Full RB | 393.83                   |
|      |                    | 64QAM      | 1RB32   | 310.6                    |
|      |                    |            | Full RB | 394.18                   |

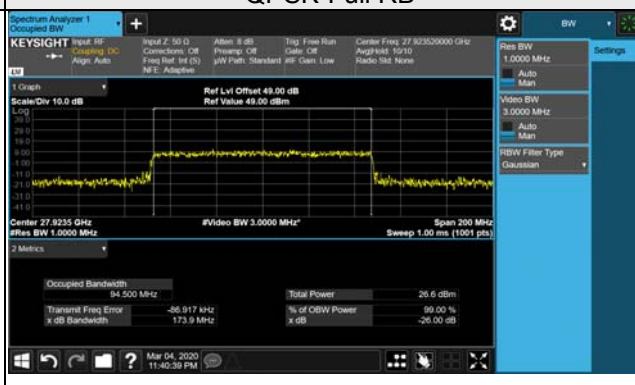
## Mode A

1CC

### QPSK-1RB



### QPSK-Full RB



### 16QAM-1RB



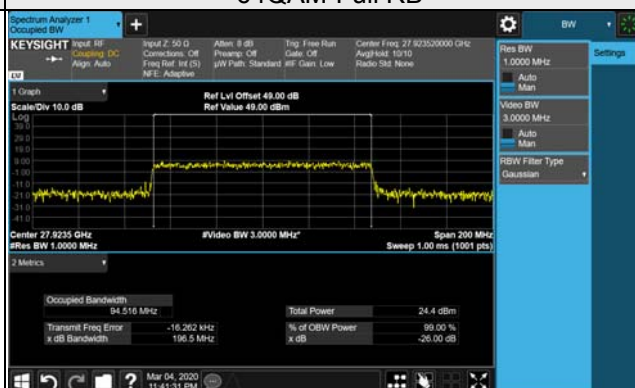
### 16QAM-Full RB



### 64QAM-1RB



### 64QAM-Full RB



## 2CC

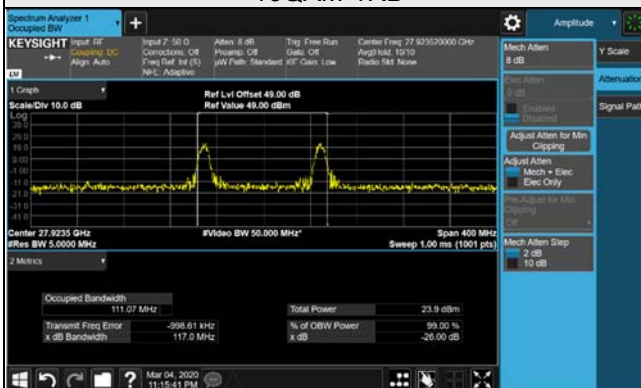
### QPSK-1RB



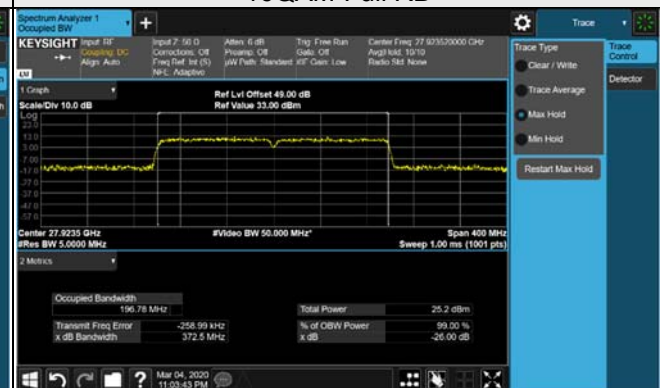
### QPSK-Full RB



### 16QAM-1RB



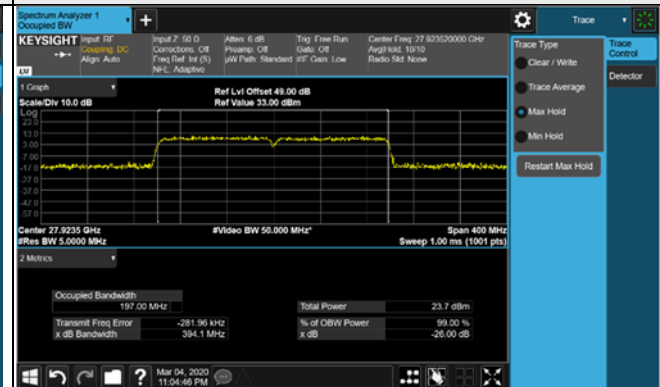
### 16QAM-Full RB



### 64QAM-1RB

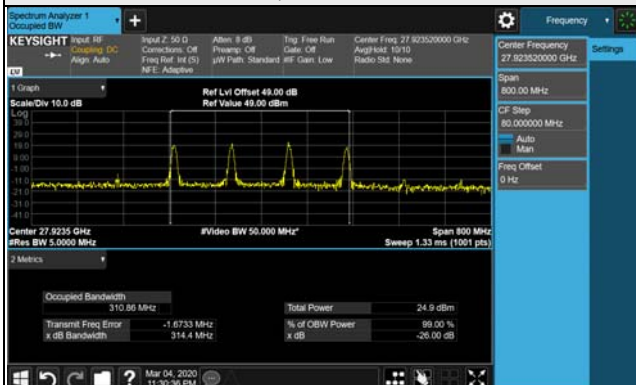


### 64QAM-Full RB



## 4CC

### QPSK-1RB



### QPSK-Full RB



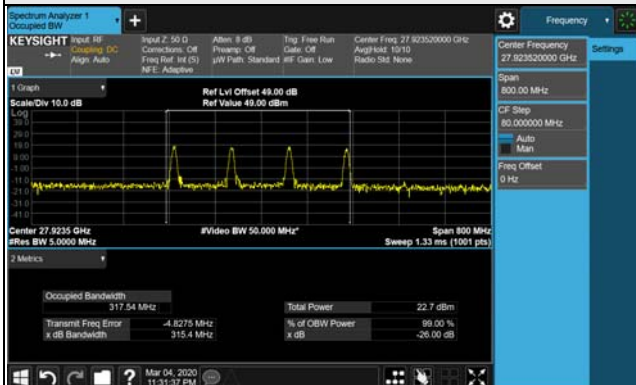
### 16QAM-1RB



### 16QAM-Full RB



### 64QAM-1RB



### 64QAM-Full RB

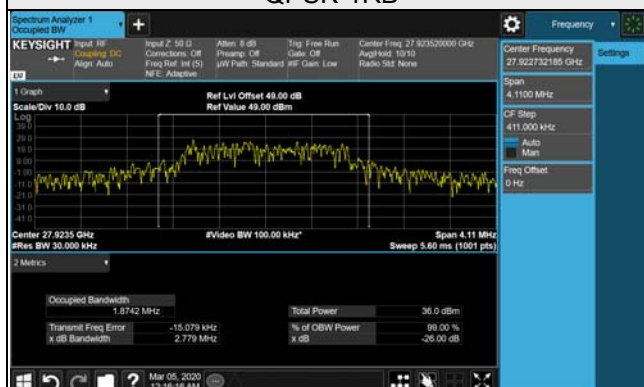




## Mode B

1CC

### QPSK-1RB



### QPSK-Full RB



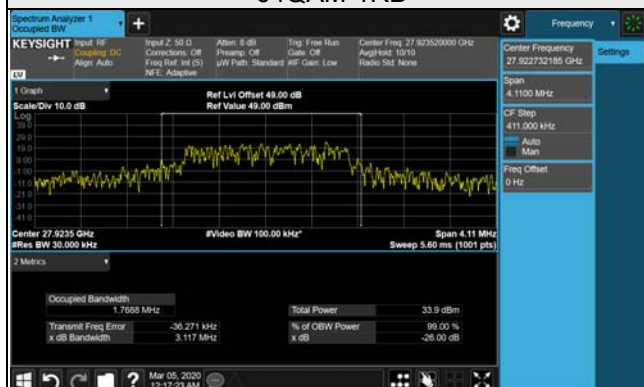
### 16QAM-1RB



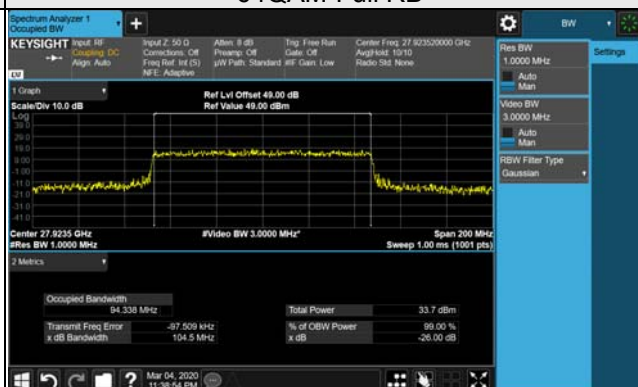
### 16QAM-Full RB



### 64QAM-1RB



### 64QAM-Full RB

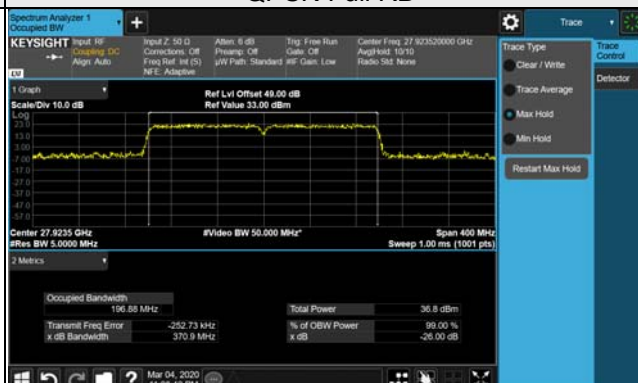


## 2CC

### QPSK-1RB



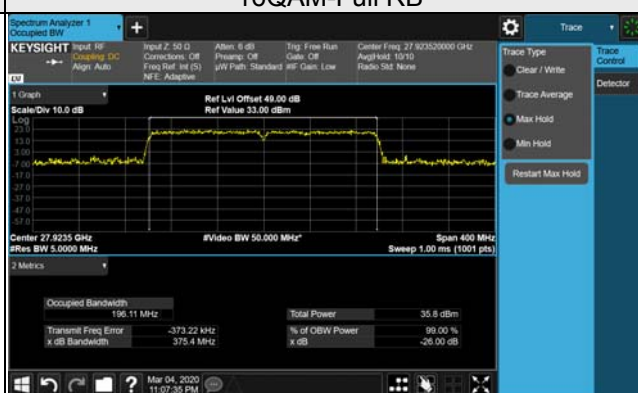
### QPSK-Full RB



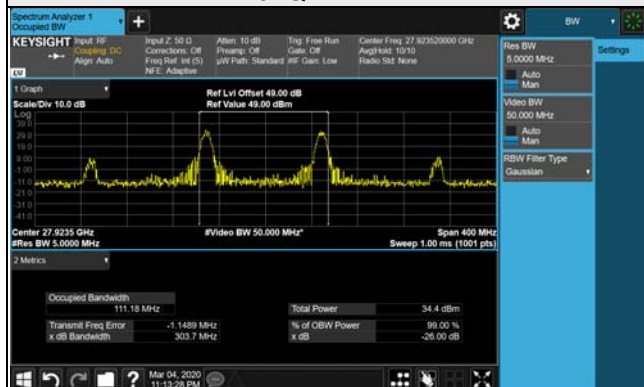
### 16QAM-1RB



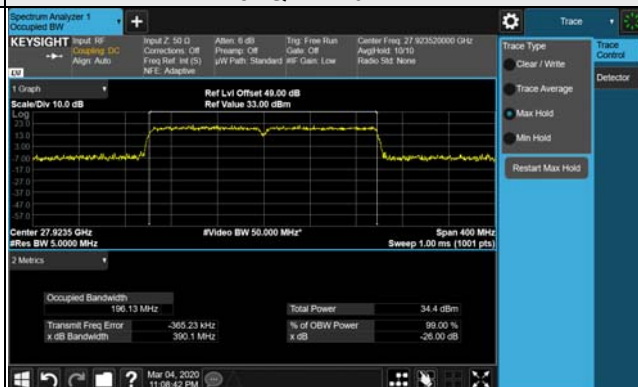
### 16QAM-Full RB



### 64QAM-1RB



### 64QAM-Full RB



# 4CC

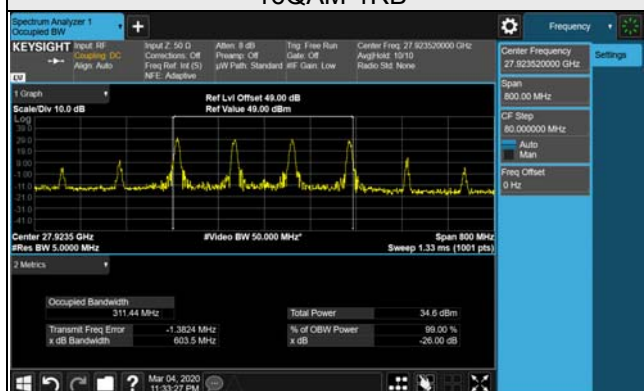
## QPSK-1RB



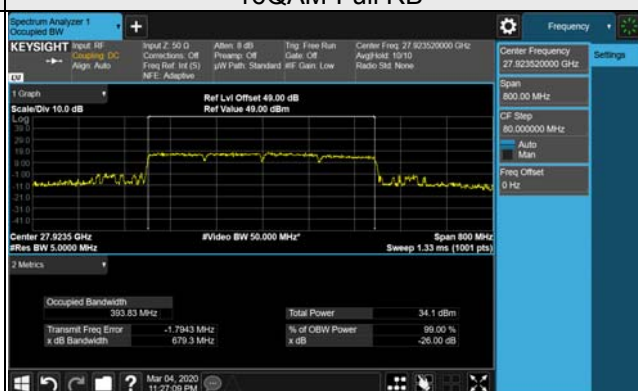
## QPSK-Full RB



## 16QAM-1RB



## 16QAM-Full RB



## 64QAM-1RB



## 64QAM-Full RB

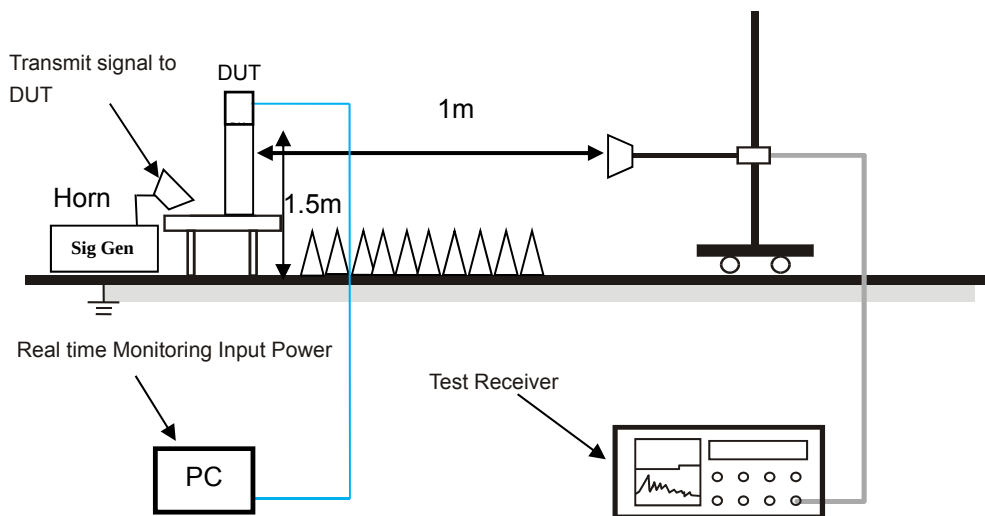


## 4.5 Input-versus-Output Signal Comparison Measurement

### 4.5.1 Overview of Input-versus-Output Signal Comparison Measurement

The Input-versus-Output Signal Comparison checks for the change in occupied bandwidth of the output signal from the booster at 3dB above the AGC threshold level and just below the AGC threshold level while not more than 0.5dB below the threshold level. All modes of operation were investigated and the worst case configuration results are reported in this section. Per KDB 935210 D05 clause 3.4, this is to be measured on both the input signal and the output signal.

### 4.5.2 Test Setup



### 4.5.3 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

### 4.5.4 Test Procedure

Follow ANSI C63.26-2015 – Section 5.4.3, KDB 935210 D05 – Section 3.4.

1. The spectrum analyzer's automatic bandwidth measurement function was used to perform the 99% occupied bandwidth and the 26 dB bandwidth measurement.
2. Set the RBW = 1~5% of the anticipated OBW, and the VBW  $\geq 3 \times$  RBW.
3. Set spectrum analyzer detection mode to peak, and the trace mode to max hold
4. Sweep = auto couple
5. Record the test plots and test results.

Note: Per FCC guidance, a 100MHz 5G NR mmWave signal was used as the input signal as opposed to the 4.1MHz AWGN required in KDB 935210 D05.

### 4.5.5 Deviation from Test Standard

No deviation.

### 4.5.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.



#### 4.5.7 Test Result

##### Mode A

| AGC Threshold Level   | Channel | Bandwidth | Output Signal OBW [MHz] | Input Signal OBW [MHz] | Total Power [dBm] | Antenna polarization |
|-----------------------|---------|-----------|-------------------------|------------------------|-------------------|----------------------|
| 0.5dB below Threshold | Middle  | 100       | 94.25                   | 94.489                 | 26.1              | H                    |
| 3dB above Threshold   | Middle  | 100       | 94.456                  | 95.054                 | 29.7              | H                    |
| 0.5dB below Threshold | Middle  | 100       | 94.312                  | 94.489                 | 26.2              | V                    |
| 3dB above Threshold   | Middle  | 100       | 94.461                  | 95.054                 | 29.4              | V                    |

Note: The mode A OBW by AGC Threshold Level (H:-58.23dBm/V:-58.23dBm).

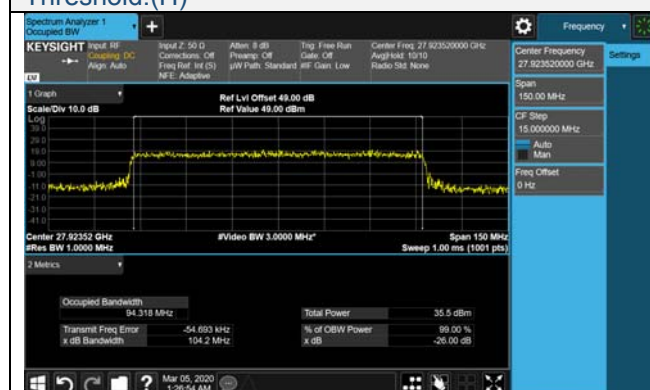


# Mode B

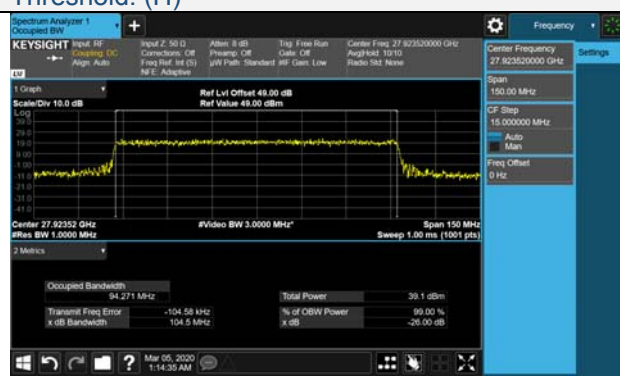
| AGC Threshold Level   | Channel | Bandwidth | Output Signal OBW [MHz] | Input Signal OBW [MHz] | Total Power [dBm] | Antenna polarization |
|-----------------------|---------|-----------|-------------------------|------------------------|-------------------|----------------------|
| 0.5dB below Threshold | Middle  | 100       | 94.318                  | 94.446                 | 35.5              | H                    |
| 3dB above Threshold   | Middle  | 100       | 94.271                  | 94.444                 | 39.1              | H                    |
| 0.5dB below Threshold | Middle  | 100       | 94.325                  | 94.446                 | 34.6              | V                    |
| 3dB above Threshold   | Middle  | 100       | 94.337                  | 94.444                 | 38.2              | V                    |

Note: The mode B OBW by AGC Threshold Level(H:-53.26dBm/V:-52.22dBm).

## Occupied Bandwidth Input at 0.5dB below AGC Threshold.(H)



## Occupied Bandwidth Input at 3dB above AGC Threshold.(H)



## Occupied Bandwidth Input at 0.5dB below AGC Threshold.(V)



## Occupied Bandwidth Input at 3dB above AGC Threshold.(V)



## 4.6 Radiated Spurious Emission Measurement

### 4.6.1 Limits of Radiated Spurious Emission Measurement

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.

### 4.6.2 Test Instruments

Refer to section 3.6.2 to get information of above instrument.

### 4.6.3 Test Procedures

- Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
- E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power - 2.15dBi.

Note:

- The resolution bandwidth of spectrum analyzer is 100 kHz and the video bandwidth is 300 kHz for below 1GHz.
- The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for above 1GHz.
- When test frequency below 1GHz the test-receiver detector function was use peak mode during the testing.
- When test frequency above 1GHz the detector function was use RMS (average) mode during the testing.
- Measurements were taken in the far field of the mm-Wave test signal based on the formula:  

$$R \geq (2D^2) / \text{wavelength}.$$

| EUT antenna of far field distance (Mode A-Relay)                         |                                |                                  |
|--------------------------------------------------------------------------|--------------------------------|----------------------------------|
| Measurement Frequency range                                              | Far Field calculation distance | Measurement Distance (Far field) |
| Below 18GHz                                                              | 0.12m                          | 3m                               |
| 18GHz to 40GHz                                                           | 0.27m                          | 1m                               |
| 40GHz to 50GHz                                                           | 0.27m to 0.34m                 | 1m                               |
| 50GHz to 100GHz                                                          | 0.34m to 0.68m                 | 1m                               |
| Note: EUT Antenna Dimension 32mm length, 1mm thick and 18mm high.        |                                |                                  |
| Measurement antenna of far field distance                                |                                |                                  |
| Measurement Frequency range                                              | Far Field calculation distance | Measurement Distance (Far field) |
| 40GHz-50GHz                                                              | 30mm                           | 1m                               |
| 50GHz-75GHz                                                              | 25mm                           | 1m                               |
| 75GHz-110GHz                                                             | 18mm                           | 1m                               |
| 40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.  |                                |                                  |
| 50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high. |                                |                                  |
| 75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high. |                                |                                  |

| EUT antenna of far field distance (Mode B-Donor)                                 |                                |                                  |
|----------------------------------------------------------------------------------|--------------------------------|----------------------------------|
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| Below 18GHz                                                                      | 0.3m                           | 3m                               |
| 18GHz to 40GHz                                                                   | 0.67m                          | 1m                               |
| 40GHz to 50GHz                                                                   | 0.67m to 0.83m                 | 1m                               |
| 50GHz to 100GHz                                                                  | 0.83m to 1.67m                 | 2m                               |
| Note: EUT Antenna Dimension Donor Antenna: 50mm length, 1mm thick and 26mm high. |                                |                                  |
| Measurement antenna of far field distance                                        |                                |                                  |
| Measurement Frequency range                                                      | Far Field calculation distance | Measurement Distance (Far field) |
| 40GHz-50GHz                                                                      | 30mm                           | 1m                               |
| 50GHz-75GHz                                                                      | 25mm                           | 2m                               |
| 75GHz-110GHz                                                                     | 18mm                           | 2m                               |
| 40GHz-50GHz: Antenna Dimension 56mm length, 42.5mm thick and 10mm high.          |                                |                                  |
| 50GHz-75GHz: Antenna Dimension 37.5mm length, 29mm thick and 6.7mm high.         |                                |                                  |
| 75GHz-110GHz: Antenna Dimension 25mm length, 20mm thick and 45.5mm high.         |                                |                                  |

**NOTE:**

Test Instruments for above 18 GHz emission test

1. 18 GHz - 40 GHz: HORN Antenna(BBHA 9170) + Pre-Amplifier(EMC 184045)
2. 40 GHz - 50 GHz: HORN Antenna(M22RH) + Amplifier(LNA-22-22060)
3. 50 GHz - 75 GHz: HORN Antenna(M15HWD) + VDI Standard Downconverter
4. 75 GHz - 100 GHz: HORN Antenna(M10RH) + VDI Standard Downconverter

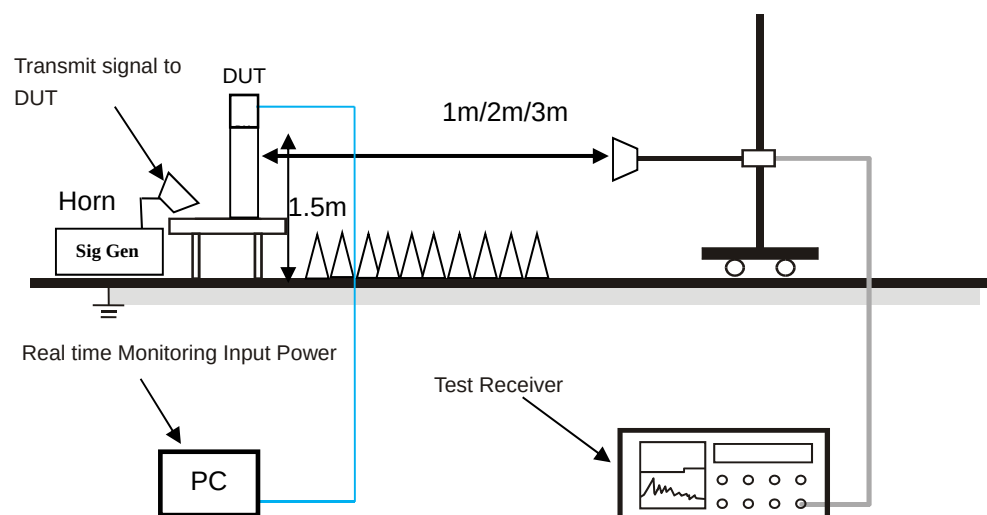
The emission test results as above listed are performed by different frequency bands respectively because the test instruments, that will make the emission trace non-continuously for these bands.

#### 4.6.4 Deviation from Test Standard

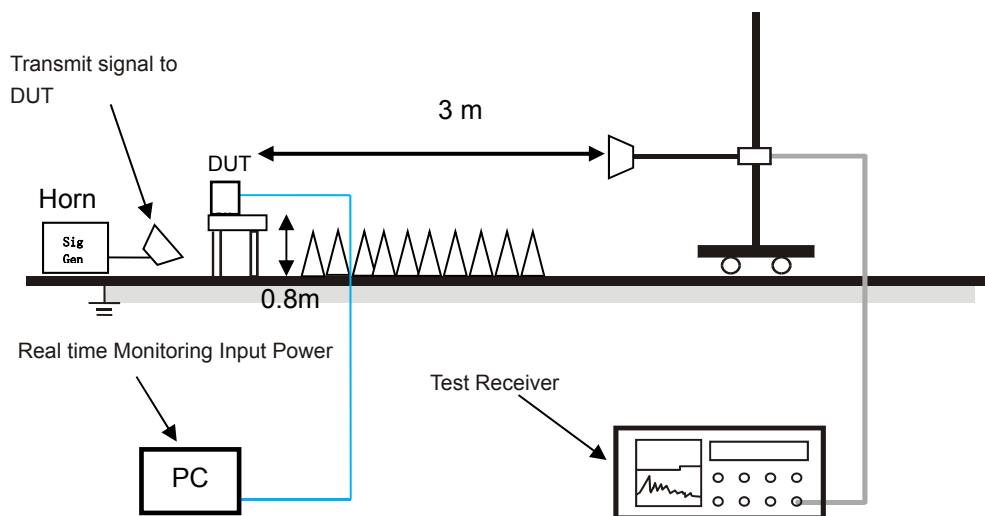
No deviation.

#### 4.6.5 Test Set Up

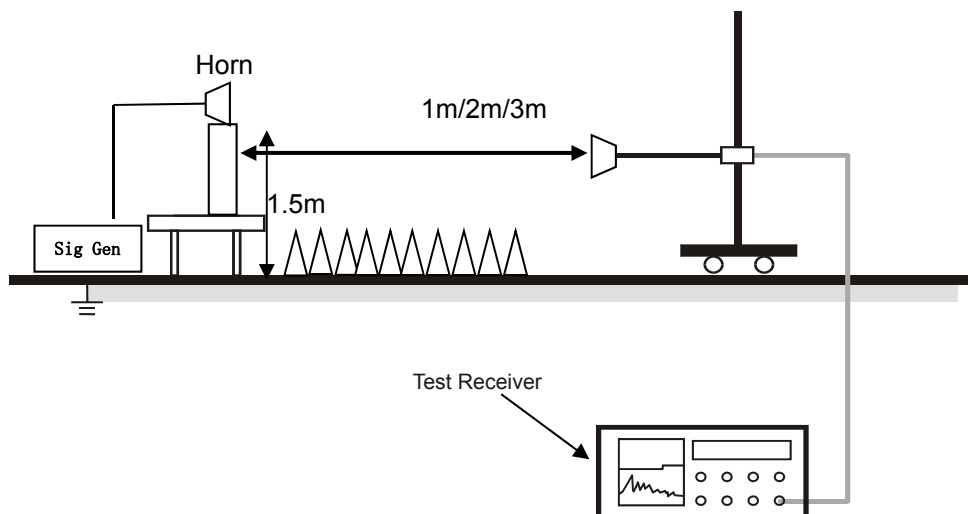
##### <Frequency Range above 1GHz>



### <Frequency Range below 1GHz>



### Substitution method set-up for radiated emission



For the actual test configuration, please refer to the attached file (Test Setup Photo).

#### 4.6.6 EUT Operating Conditions

Refer to section 3.3 to get information of EUT operating conditions.

#### 4.6.7 Test Results

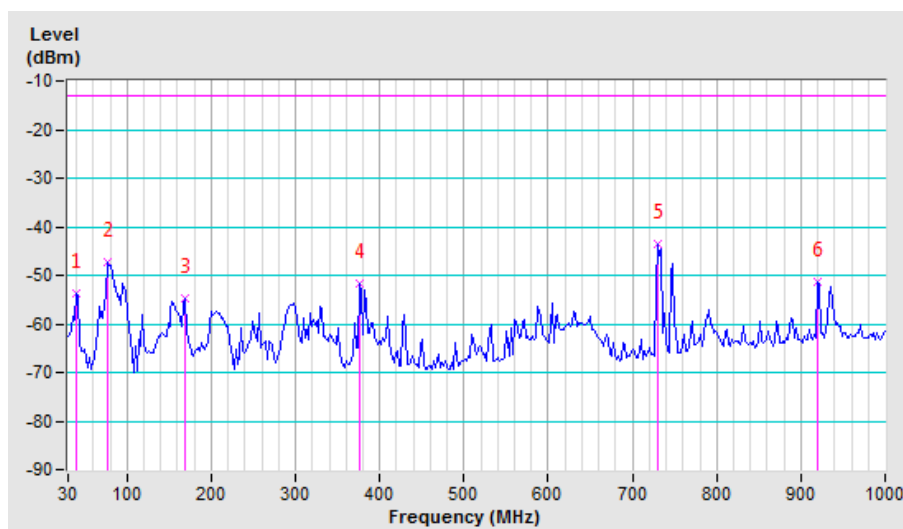
##### Below 1GHz Data:

|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | A (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Low            |
| Polarity        | Horizontal     |           |                |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 39.70       | -56.1         | -42.9                 | -10.9                  | -53.8      | -13.0       | -40.8       |
| 2                                                   | 76.56       | -41.3         | -44.6                 | -2.8                   | -47.4      | -13.0       | -34.4       |
| 3                                                   | 169.68      | -48.0         | -56.2                 | 1.6                    | -54.6      | -13.0       | -41.6       |
| 4                                                   | 375.32      | -50.1         | -57.1                 | 5.3                    | -51.8      | -13.0       | -38.8       |
| 5                                                   | 730.34      | -46.9         | -48.5                 | 4.9                    | -43.6      | -13.0       | -30.6       |
| 6                                                   | 920.46      | -58.3         | -55.2                 | 3.9                    | -51.3      | -13.0       | -38.3       |

##### Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

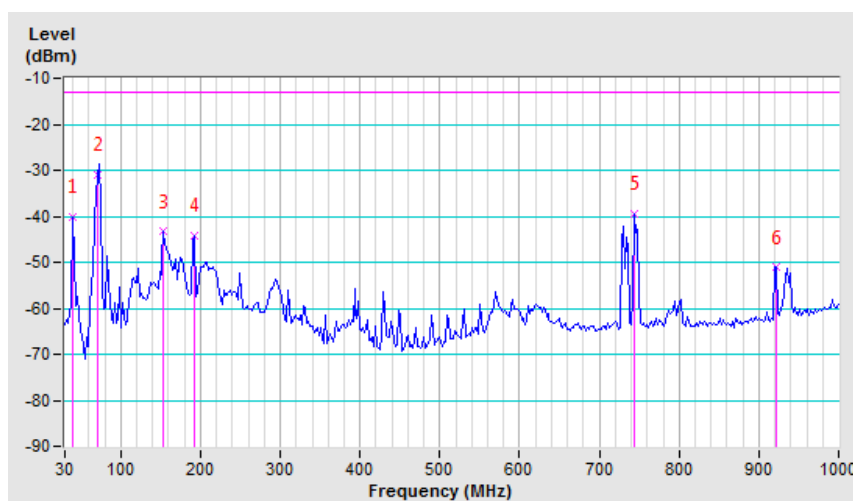


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | A (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low          |
| Polarity        | Vertical       |           |              |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 39.70       | -32.2         | -29.3                 | -10.9                  | -40.2      | -13.0       | -27.2       |
| 2                                                 | 70.74       | -25.1         | -26.2                 | -4.7                   | -30.9      | -13.0       | -17.9       |
| 3                                                 | 154.16      | -42.5         | -43.5                 | 0.1                    | -43.4      | -13.0       | -30.4       |
| 4                                                 | 192.96      | -40.2         | -48.7                 | 4.6                    | -44.1      | -13.0       | -31.1       |
| 5                                                 | 743.92      | -45.1         | -44.1                 | 4.7                    | -39.4      | -13.0       | -26.4       |
| 6                                                 | 922.40      | -59.4         | -55.1                 | 3.9                    | -51.2      | -13.0       | -38.2       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

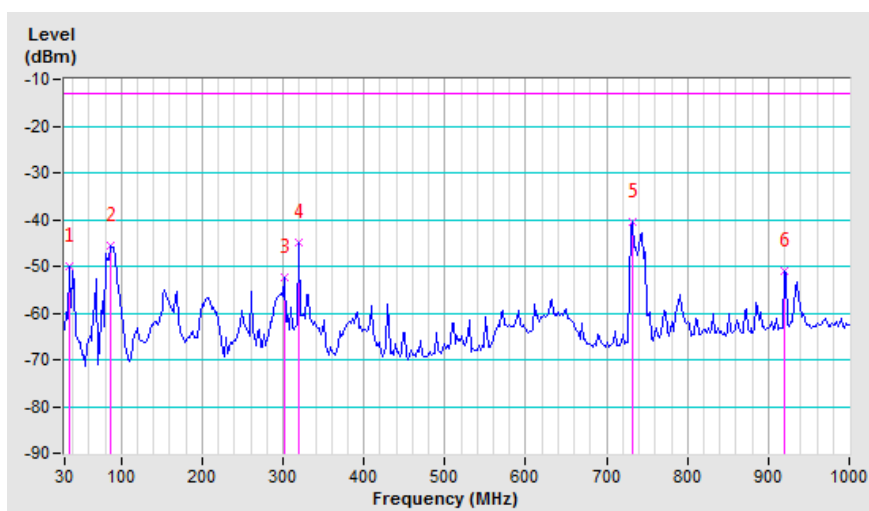


|                 |                |           |               |
|-----------------|----------------|-----------|---------------|
| Band            | n261           | Test Mode | A(Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Middle        |
| Polarity        | Horizontal     |           |               |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 35.82       | -53.3         | -38.6                 | -11.4                  | -50.0      | -13.0       | -37.0       |
| 2                                                   | 86.26       | -39.0         | -45.8                 | 0.1                    | -45.7      | -13.0       | -32.7       |
| 3                                                   | 301.60      | -47.8         | -57.5                 | 5.1                    | -52.4      | -13.0       | -39.4       |
| 4                                                   | 319.06      | -40.5         | -50.0                 | 5.2                    | -44.8      | -13.0       | -31.8       |
| 5                                                   | 732.28      | -43.9         | -45.4                 | 4.9                    | -40.5      | -13.0       | -27.5       |
| 6                                                   | 920.46      | -57.9         | -54.8                 | 3.9                    | -50.9      | -13.0       | -37.9       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



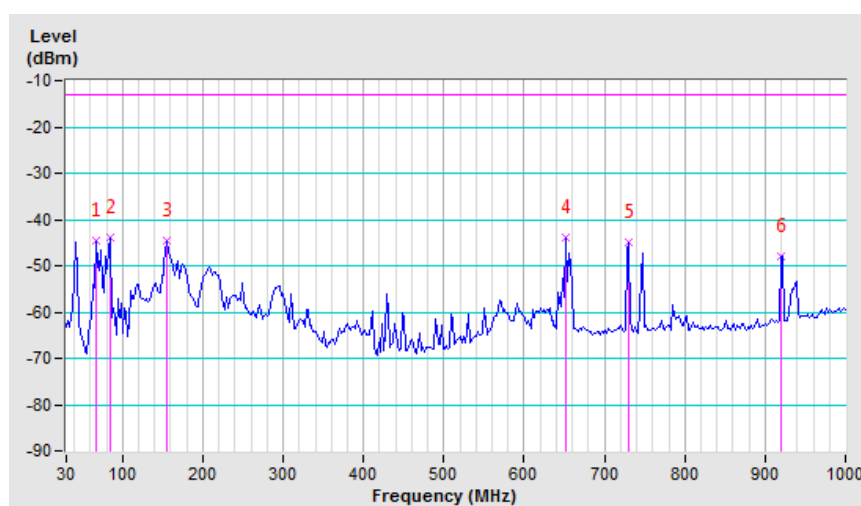


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | A (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle       |
| Polarity        | Vertical       |           |              |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 66.86       | -38.2         | -38.9                 | -5.8                   | -44.7      | -13.0       | -31.7       |
| 2                                                 | 84.32       | -39.6         | -43.3                 | -0.5                   | -43.8      | -13.0       | -30.8       |
| 3                                                 | 156.10      | -43.9         | -44.9                 | 0.2                    | -44.7      | -13.0       | -31.7       |
| 4                                                 | 652.74      | -48.5         | -48.7                 | 4.8                    | -43.9      | -13.0       | -30.9       |
| 5                                                 | 730.34      | -50.7         | -49.9                 | 4.9                    | -45.0      | -13.0       | -32.0       |
| 6                                                 | 920.46      | -55.9         | -51.8                 | 3.9                    | -47.9      | -13.0       | -34.9       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

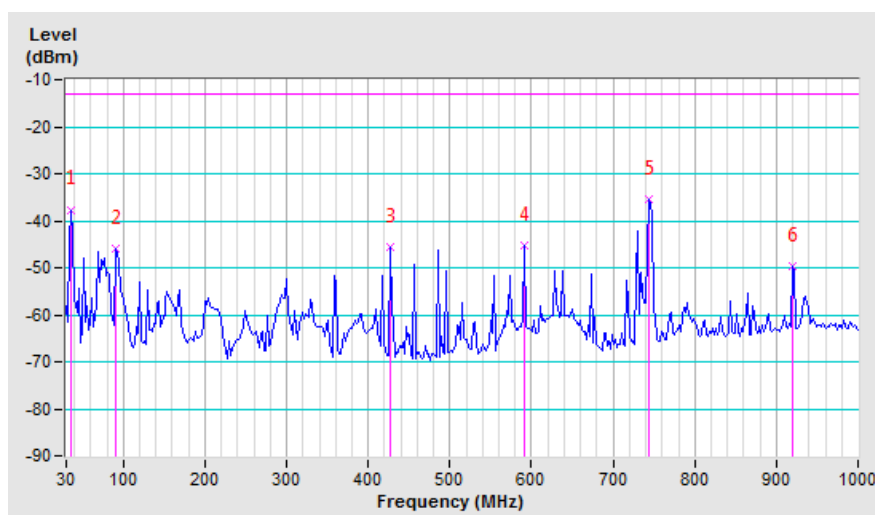


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | A (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | High           |
| Polarity        | Horizontal     |           |                |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 35.82       | -40.9         | -26.2                 | -11.4                  | -37.6      | -13.0       | -24.6       |
| 2                                                   | 90.14       | -38.6         | -47.2                 | 1.1                    | -46.1      | -13.0       | -33.1       |
| 3                                                   | 427.70      | -43.9         | -50.7                 | 5.2                    | -45.5      | -13.0       | -32.5       |
| 4                                                   | 590.66      | -45.4         | -49.8                 | 4.5                    | -45.3      | -13.0       | -32.3       |
| 5                                                   | 743.92      | -38.9         | -40.0                 | 4.7                    | -35.3      | -13.0       | -22.3       |
| 6                                                   | 920.46      | -56.8         | -53.7                 | 3.9                    | -49.8      | -13.0       | -36.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

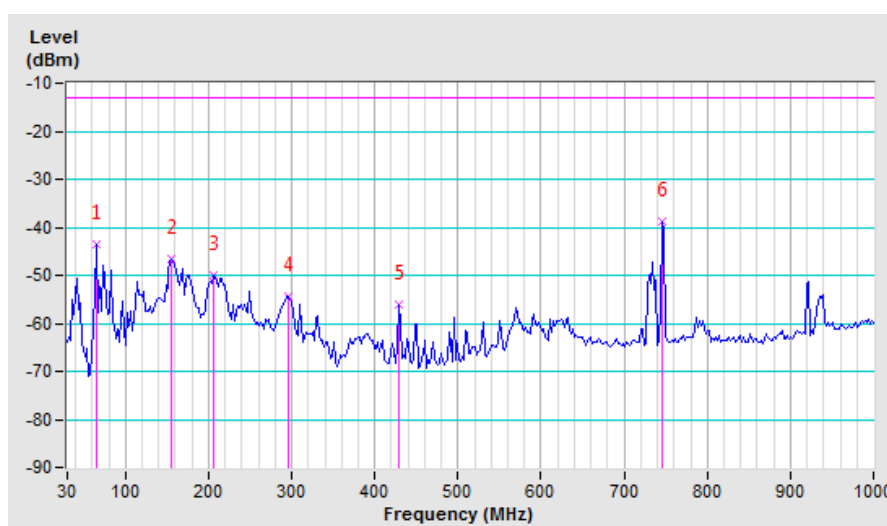


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | A (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High         |
| Polarity        | Vertical       |           |              |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 64.92       | -36.4         | -37.1                 | -6.3                   | -43.4      | -13.0       | -30.4       |
| 2                                                 | 156.10      | -45.8         | -46.8                 | 0.2                    | -46.6      | -13.0       | -33.6       |
| 3                                                 | 206.54      | -48.6         | -55.4                 | 5.4                    | -50.0      | -13.0       | -37.0       |
| 4                                                 | 295.78      | -53.5         | -59.4                 | 5.1                    | -54.3      | -13.0       | -41.3       |
| 5                                                 | 429.64      | -54.5         | -61.2                 | 5.2                    | -56.0      | -13.0       | -43.0       |
| 6                                                 | 745.86      | -44.5         | -43.6                 | 4.7                    | -38.9      | -13.0       | -25.9       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

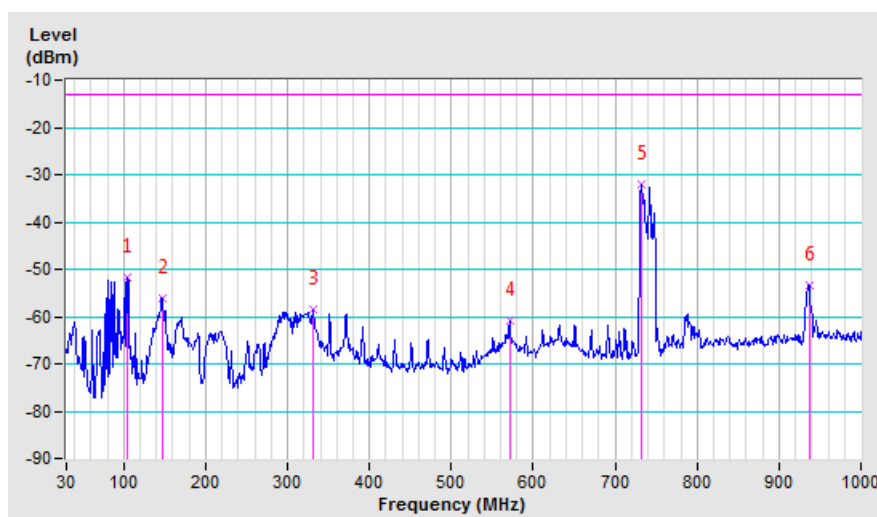


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | A (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Horizontal     |           |                         |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 104.69      | -43.9         | -52.3                 | 0.6                    | -51.7      | -13.0       | -38.7       |
| 2                                                   | 146.40      | -51.6         | -55.8                 | -0.2                   | -56.0      | -13.0       | -43.0       |
| 3                                                   | 330.70      | -54.7         | -63.6                 | 5.2                    | -58.4      | -13.0       | -45.4       |
| 4                                                   | 571.26      | -60.5         | -65.3                 | 4.5                    | -60.8      | -13.0       | -47.8       |
| 5                                                   | 731.31      | -35.4         | -37.0                 | 4.9                    | -32.1      | -13.0       | -19.1       |
| 6                                                   | 936.95      | -60.5         | -57.3                 | 3.9                    | -53.4      | -13.0       | -40.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

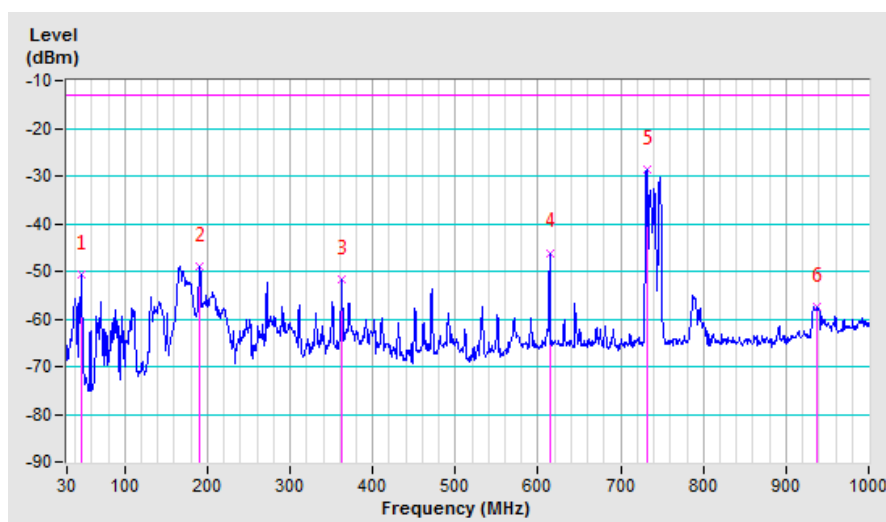


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | A (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Vertical       |           |                         |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 48.43       | -44.9         | -41.3                 | -9.5                   | -50.8      | -13.0       | -37.8       |
| 2                                                 | 191.02      | -45.7         | -53.3                 | 4.3                    | -49.0      | -13.0       | -36.0       |
| 3                                                 | 362.71      | -50.5         | -56.9                 | 5.2                    | -51.7      | -13.0       | -38.7       |
| 4                                                 | 613.94      | -51.0         | -50.7                 | 4.6                    | -46.1      | -13.0       | -33.1       |
| 5                                                 | 731.31      | -34.3         | -33.6                 | 4.9                    | -28.7      | -13.0       | -15.7       |
| 6                                                 | 937.92      | -66.1         | -61.2                 | 3.9                    | -57.3      | -13.0       | -44.3       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

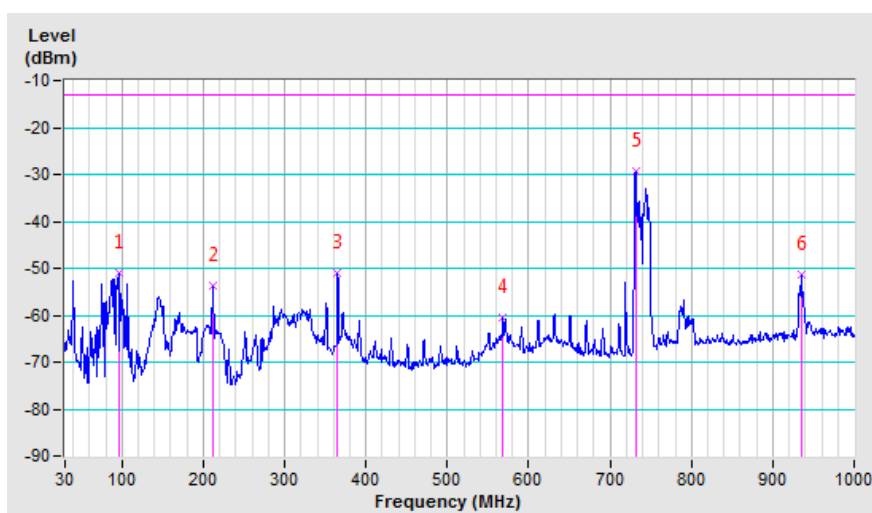


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | A (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Horizontal     |           |                         |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 95.96       | -42.9         | -51.9                 | 1.0                    | -50.9      | -13.0       | -37.9       |
| 2                                                   | 211.39      | -45.0         | -59.0                 | 5.4                    | -53.6      | -13.0       | -40.6       |
| 3                                                   | 364.65      | -48.3         | -56.2                 | 5.2                    | -51.0      | -13.0       | -38.0       |
| 4                                                   | 568.35      | -60.1         | -65.0                 | 4.5                    | -60.5      | -13.0       | -47.5       |
| 5                                                   | 731.31      | -32.7         | -34.3                 | 4.9                    | -29.4      | -13.0       | -16.4       |
| 6                                                   | 935.01      | -58.5         | -55.3                 | 3.9                    | -51.4      | -13.0       | -38.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

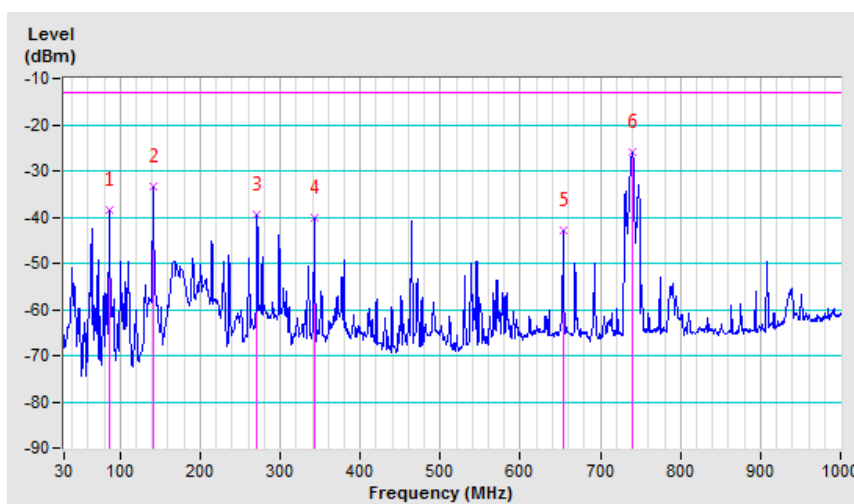


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | A (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Vertical       |           |                         |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 86.26       | -34.0         | -38.6                 | 0.1                    | -38.5      | -13.0       | -25.5       |
| 2                                                 | 140.58      | -29.8         | -33.0                 | -0.3                   | -33.3      | -13.0       | -20.3       |
| 3                                                 | 270.56      | -42.8         | -44.9                 | 5.3                    | -39.6      | -13.0       | -26.6       |
| 4                                                 | 342.34      | -39.4         | -45.4                 | 5.1                    | -40.3      | -13.0       | -27.3       |
| 5                                                 | 653.71      | -47.6         | -47.9                 | 4.9                    | -43.0      | -13.0       | -30.0       |
| 6                                                 | 740.04      | -31.7         | -30.9                 | 4.8                    | -26.1      | -13.0       | -13.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

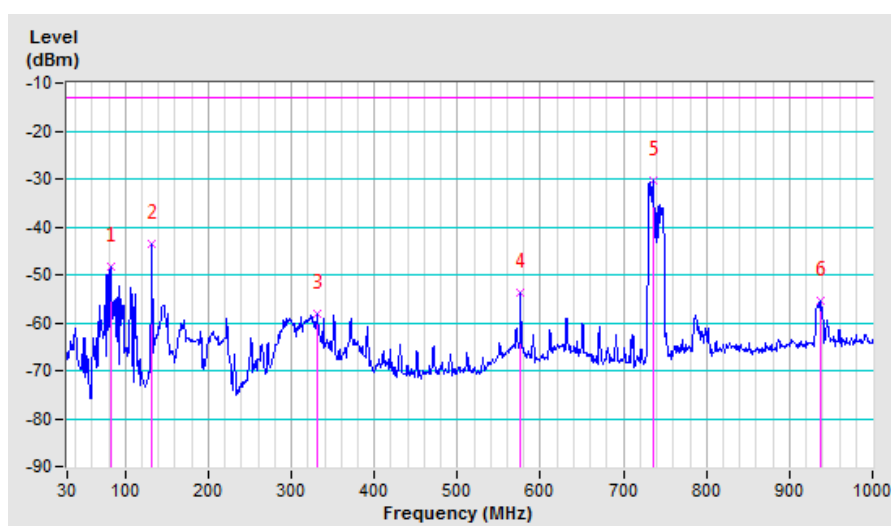


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | A (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                    |
| Polarity        | Horizontal     |           |                         |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 82.38       | -41.8         | -47.3                 | -1.0                   | -48.3      | -13.0       | -35.3       |
| 2                                                   | 131.85      | -36.3         | -43.4                 | -0.1                   | -43.5      | -13.0       | -30.5       |
| 3                                                   | 330.70      | -54.4         | -63.3                 | 5.2                    | -58.1      | -13.0       | -45.1       |
| 4                                                   | 576.11      | -53.8         | -58.3                 | 4.5                    | -53.8      | -13.0       | -40.8       |
| 5                                                   | 735.19      | -33.7         | -35.1                 | 4.8                    | -30.3      | -13.0       | -17.3       |
| 6                                                   | 937.92      | -62.5         | -59.3                 | 3.9                    | -55.4      | -13.0       | -42.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



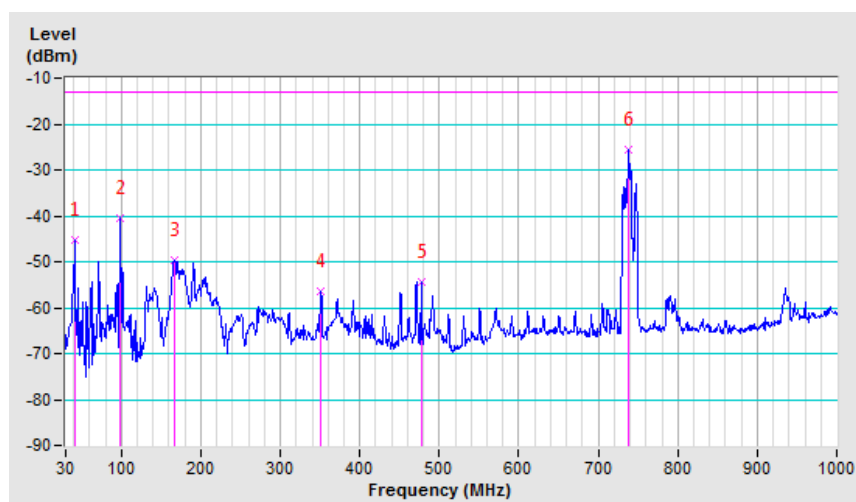


|                 |                |           |                          |
|-----------------|----------------|-----------|--------------------------|
| Band            | n261           | Test Mode | A (Horizontal+ Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                     |
| Polarity        | Vertical       |           |                          |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 41.64       | -38.5         | -34.6                 | -10.6                  | -45.2      | -13.0       | -32.2       |
| 2                                                 | 98.87       | -34.8         | -41.4                 | 0.9                    | -40.5      | -13.0       | -27.5       |
| 3                                                 | 166.77      | -49.6         | -50.9                 | 1.2                    | -49.7      | -13.0       | -36.7       |
| 4                                                 | 351.07      | -55.0         | -61.7                 | 5.2                    | -56.5      | -13.0       | -43.5       |
| 5                                                 | 477.17      | -53.6         | -59.5                 | 5.0                    | -54.5      | -13.0       | -41.5       |
| 6                                                 | 738.10      | -31.2         | -30.5                 | 4.8                    | -25.7      | -13.0       | -12.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

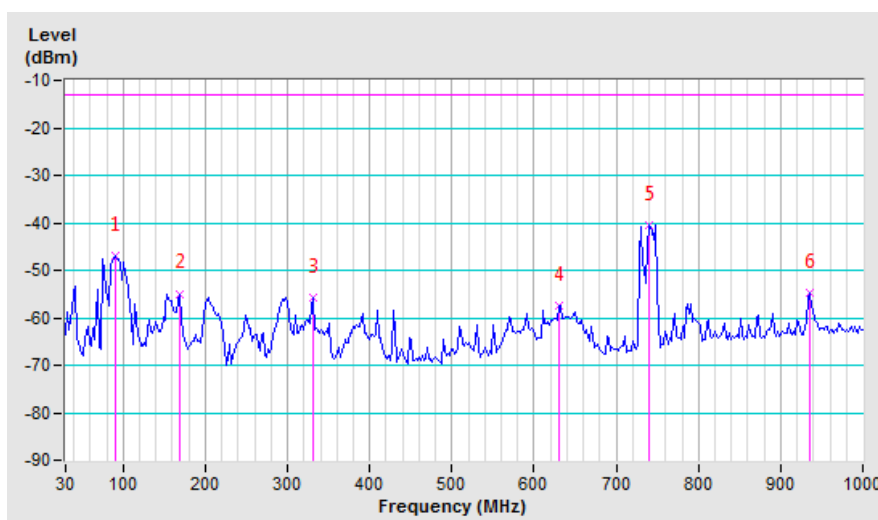


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Low            |
| Polarity        | Horizontal     | Beam ID   | 1              |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 90.14       | -39.6         | -48.2                 | 1.1                    | -47.1      | -13.0       | -34.1       |
| 2                                                   | 169.68      | -48.3         | -56.5                 | 1.6                    | -54.9      | -13.0       | -41.9       |
| 3                                                   | 330.70      | -52.1         | -61.0                 | 5.2                    | -55.8      | -13.0       | -42.8       |
| 4                                                   | 629.46      | -58.5         | -62.0                 | 4.6                    | -57.4      | -13.0       | -44.4       |
| 5                                                   | 740.04      | -44.0         | -45.3                 | 4.8                    | -40.5      | -13.0       | -27.5       |
| 6                                                   | 935.98      | -61.8         | -58.7                 | 3.9                    | -54.8      | -13.0       | -41.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

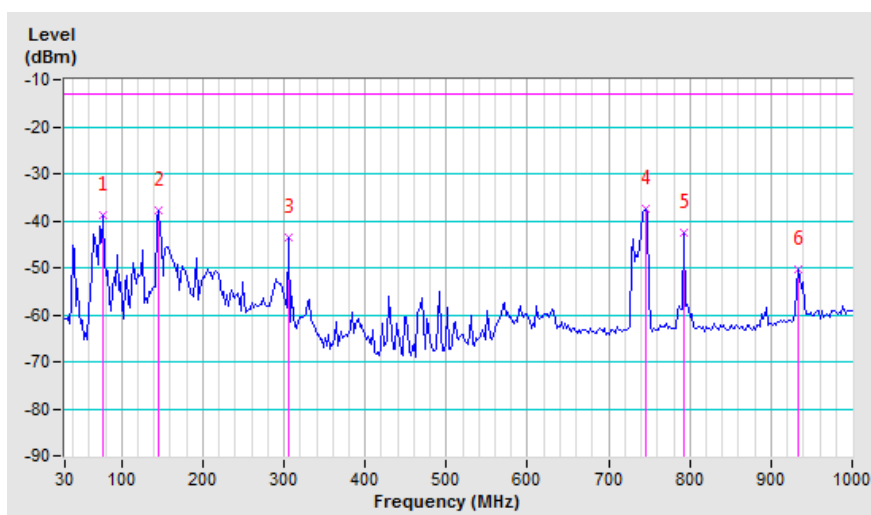


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low          |
| Polarity        | Vertical       | Beam ID   | 1            |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 76.56       | -34.5         | -36.2                 | -2.8                   | -39.0      | -13.0       | -26.0       |
| 2                                                 | 144.46      | -34.9         | -37.7                 | -0.3                   | -37.9      | -13.0       | -24.9       |
| 3                                                 | 305.48      | -43.0         | -48.8                 | 5.1                    | -43.7      | -13.0       | -30.7       |
| 4                                                 | 745.86      | -43.3         | -42.3                 | 4.7                    | -37.6      | -13.0       | -24.6       |
| 5                                                 | 792.42      | -48.7         | -46.5                 | 4.1                    | -42.4      | -13.0       | -29.4       |
| 6                                                 | 934.04      | -58.9         | -54.1                 | 3.9                    | -50.2      | -13.0       | -37.2       |

Remarks:

1.  $EIRP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$ .
2.  $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} + \text{Cable Loss (dB)}$ .

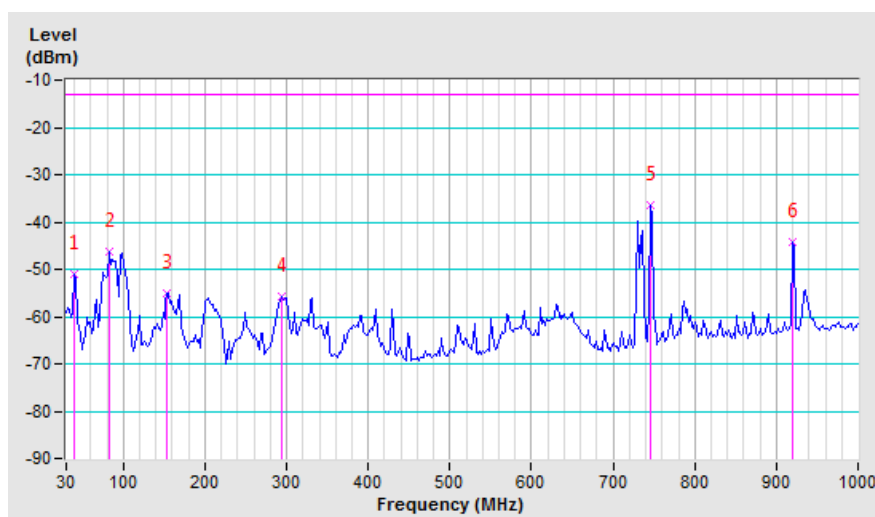


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Middle         |
| Polarity        | Horizontal     | Beam ID   | 1              |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 39.70       | -53.4         | -40.2                 | -10.9                  | -51.1      | -13.0       | -38.1       |
| 2                                                   | 82.38       | -39.9         | -45.4                 | -1.0                   | -46.4      | -13.0       | -33.4       |
| 3                                                   | 154.16      | -50.5         | -55.1                 | 0.1                    | -55.0      | -13.0       | -42.0       |
| 4                                                   | 293.84      | -52.3         | -61.0                 | 5.1                    | -55.9      | -13.0       | -42.9       |
| 5                                                   | 745.86      | -40.0         | -41.1                 | 4.7                    | -36.4      | -13.0       | -23.4       |
| 6                                                   | 920.46      | -51.3         | -48.2                 | 3.9                    | -44.3      | -13.0       | -31.3       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

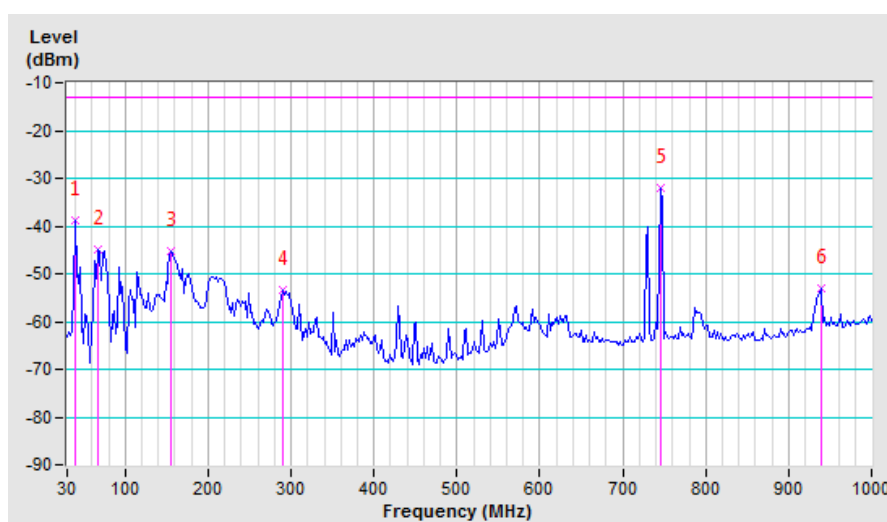


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle       |
| Polarity        | Vertical       | Beam ID   | 1            |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 39.70       | -30.9         | -28.0                 | -10.9                  | -38.9      | -13.0       | -25.9       |
| 2                                                 | 66.86       | -38.4         | -39.1                 | -5.8                   | -44.9      | -13.0       | -31.9       |
| 3                                                 | 156.10      | -44.5         | -45.5                 | 0.2                    | -45.3      | -13.0       | -32.3       |
| 4                                                 | 289.96      | -53.5         | -58.5                 | 5.2                    | -53.3      | -13.0       | -40.3       |
| 5                                                 | 745.86      | -37.5         | -36.6                 | 4.7                    | -31.9      | -13.0       | -18.9       |
| 6                                                 | 939.86      | -61.9         | -57.0                 | 3.9                    | -53.1      | -13.0       | -40.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

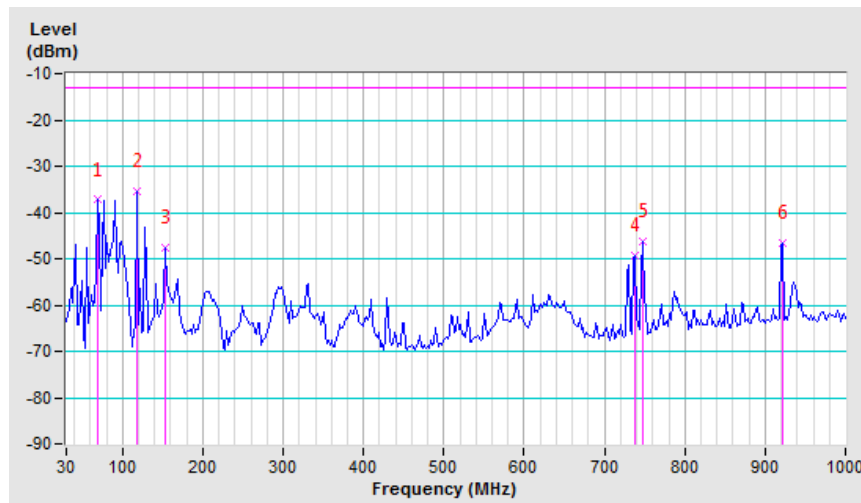


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | High           |
| Polarity        | Horizontal     | Beam ID   | 1              |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 68.80       | -31.2         | -32.0                 | -5.3                   | -37.3      | -13.0       | -24.3       |
| 2                                                   | 117.30      | -27.9         | -35.6                 | 0.2                    | -35.4      | -13.0       | -22.4       |
| 3                                                   | 154.16      | -43.0         | -47.6                 | 0.1                    | -47.5      | -13.0       | -34.5       |
| 4                                                   | 738.10      | -52.7         | -54.1                 | 4.8                    | -49.3      | -13.0       | -36.3       |
| 5                                                   | 747.80      | -49.9         | -51.0                 | 4.7                    | -46.3      | -13.0       | -33.3       |
| 6                                                   | 922.40      | -53.8         | -50.6                 | 3.9                    | -46.7      | -13.0       | -33.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

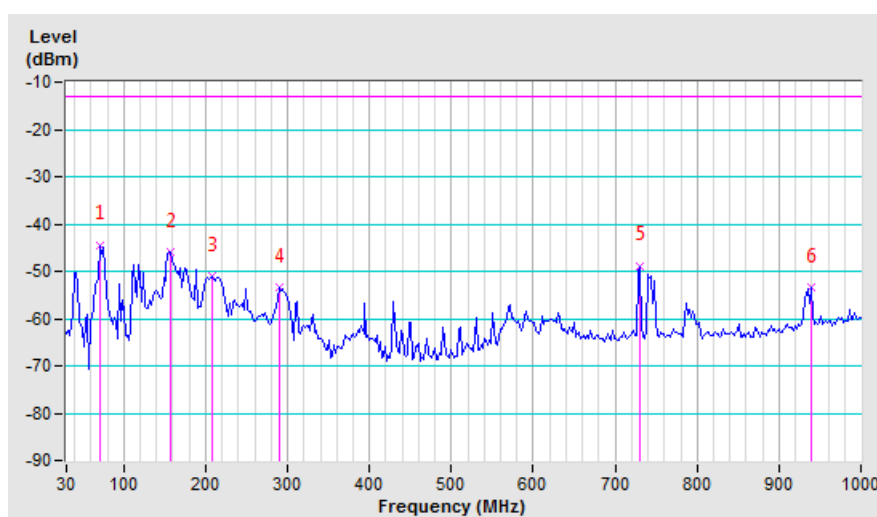


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High         |
| Polarity        | Vertical       | Beam ID   | 1            |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 70.74       | -38.6         | -39.7                 | -4.7                   | -44.4      | -13.0       | -31.4       |
| 2                                                 | 158.04      | -45.4         | -46.1                 | 0.3                    | -45.8      | -13.0       | -32.8       |
| 3                                                 | 208.48      | -49.7         | -56.4                 | 5.4                    | -51.0      | -13.0       | -38.0       |
| 4                                                 | 289.96      | -53.6         | -58.6                 | 5.2                    | -53.4      | -13.0       | -40.4       |
| 5                                                 | 730.34      | -54.5         | -53.7                 | 4.9                    | -48.8      | -13.0       | -35.8       |
| 6                                                 | 939.86      | -62.1         | -57.2                 | 3.9                    | -53.3      | -13.0       | -40.3       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

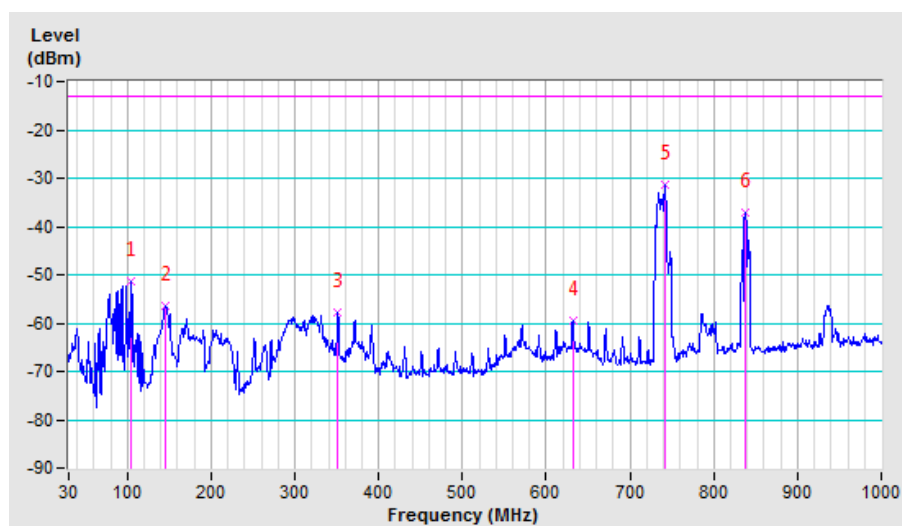


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Horizontal     | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 103.72      | -43.4         | -51.9                 | 0.7                    | -51.2      | -13.0       | -38.2       |
| 2                                                   | 145.43      | -51.5         | -56.1                 | -0.2                   | -56.3      | -13.0       | -43.3       |
| 3                                                   | 351.07      | -54.6         | -63.0                 | 5.2                    | -57.8      | -13.0       | -44.8       |
| 4                                                   | 631.40      | -60.7         | -64.2                 | 4.6                    | -59.6      | -13.0       | -46.6       |
| 5                                                   | 741.98      | -35.0         | -36.1                 | 4.7                    | -31.4      | -13.0       | -18.4       |
| 6                                                   | 837.04      | -43.0         | -41.1                 | 4.0                    | -37.1      | -13.0       | -24.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



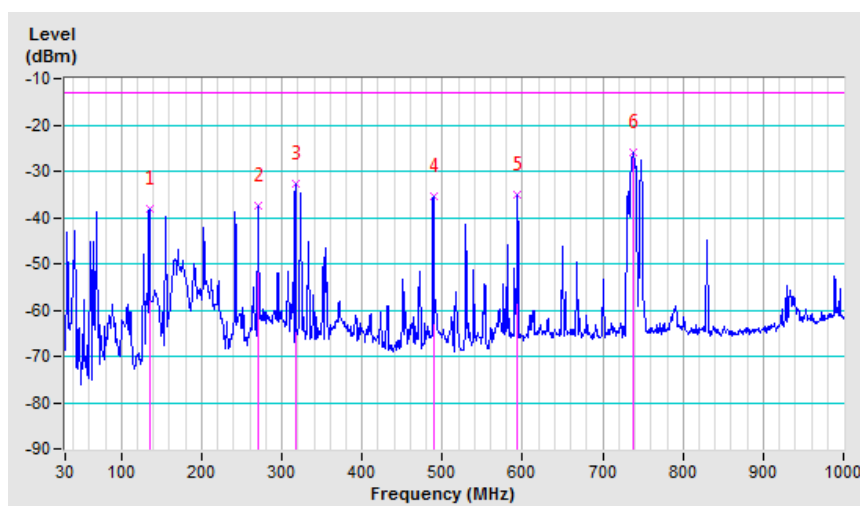


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Vertical       | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 134.76      | -33.4         | -37.7                 | -0.3                   | -38.0      | -13.0       | -25.0       |
| 2                                                 | 269.59      | -40.8         | -42.9                 | 5.3                    | -37.6      | -13.0       | -24.6       |
| 3                                                 | 317.12      | -32.0         | -38.0                 | 5.2                    | -32.8      | -13.0       | -19.8       |
| 4                                                 | 488.81      | -34.4         | -40.5                 | 5.0                    | -35.5      | -13.0       | -22.5       |
| 5                                                 | 593.57      | -38.2         | -39.5                 | 4.5                    | -35.0      | -13.0       | -22.0       |
| 6                                                 | 737.13      | -31.4         | -30.7                 | 4.8                    | -25.9      | -13.0       | -12.9       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

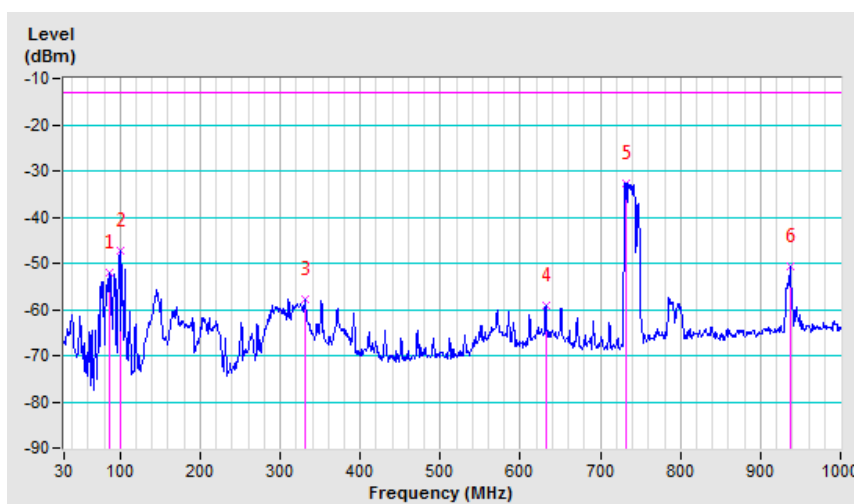


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Horizontal     | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 87.23       | -44.8         | -52.3                 | 0.4                    | -51.9      | -13.0       | -38.9       |
| 2                                                   | 99.84       | -39.7         | -48.1                 | 0.9                    | -47.2      | -13.0       | -34.2       |
| 3                                                   | 330.70      | -54.0         | -62.9                 | 5.2                    | -57.7      | -13.0       | -44.7       |
| 4                                                   | 631.40      | -60.4         | -63.9                 | 4.6                    | -59.3      | -13.0       | -46.3       |
| 5                                                   | 731.31      | -35.9         | -37.5                 | 4.9                    | -32.6      | -13.0       | -19.6       |
| 6                                                   | 936.95      | -57.9         | -54.7                 | 3.9                    | -50.8      | -13.0       | -37.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

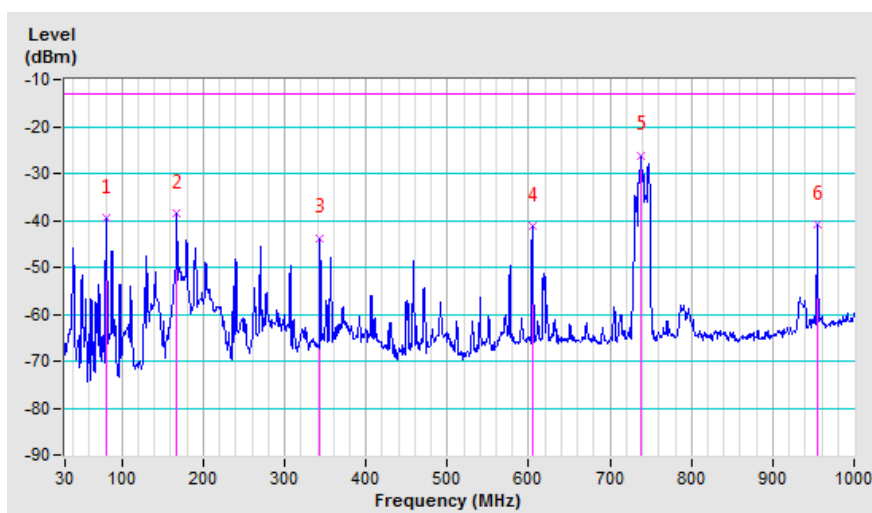


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Vertical       | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 80.44       | -35.8         | -37.8                 | -1.6                   | -39.4      | -13.0       | -26.4       |
| 2                                                 | 167.74      | -38.4         | -39.7                 | 1.3                    | -38.4      | -13.0       | -25.4       |
| 3                                                 | 343.31      | -42.7         | -48.9                 | 5.2                    | -43.7      | -13.0       | -30.7       |
| 4                                                 | 604.24      | -45.0         | -45.7                 | 4.5                    | -41.2      | -13.0       | -28.2       |
| 5                                                 | 737.13      | -31.6         | -30.9                 | 4.8                    | -26.1      | -13.0       | -13.1       |
| 6                                                 | 954.41      | -49.9         | -44.6                 | 3.9                    | -40.7      | -13.0       | -27.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

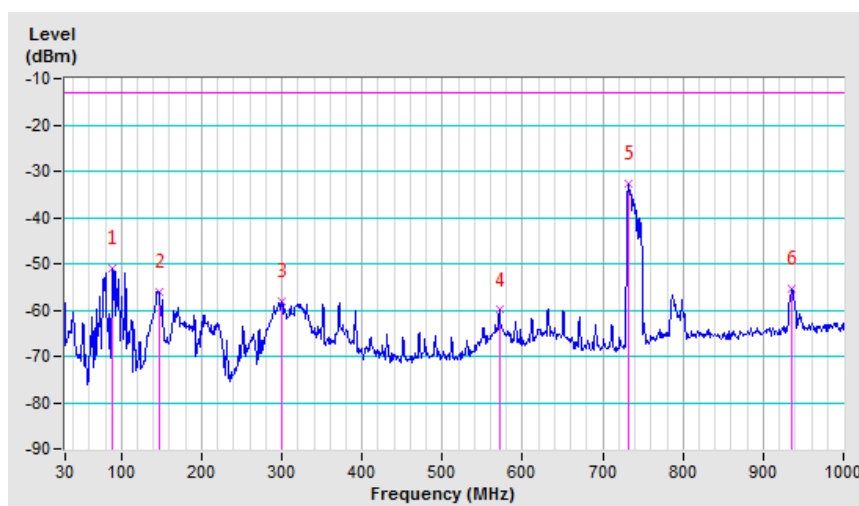


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                    |
| Polarity        | Horizontal     | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 89.17       | -43.5         | -51.8                 | 0.9                    | -50.9      | -13.0       | -37.9       |
| 2                                                   | 146.40      | -51.7         | -55.9                 | -0.2                   | -56.1      | -13.0       | -43.1       |
| 3                                                   | 300.63      | -54.2         | -63.2                 | 5.1                    | -58.1      | -13.0       | -45.1       |
| 4                                                   | 571.26      | -59.7         | -64.5                 | 4.5                    | -60.0      | -13.0       | -47.0       |
| 5                                                   | 732.28      | -36.2         | -37.7                 | 4.9                    | -32.8      | -13.0       | -19.8       |
| 6                                                   | 935.98      | -62.5         | -59.4                 | 3.9                    | -55.5      | -13.0       | -42.5       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

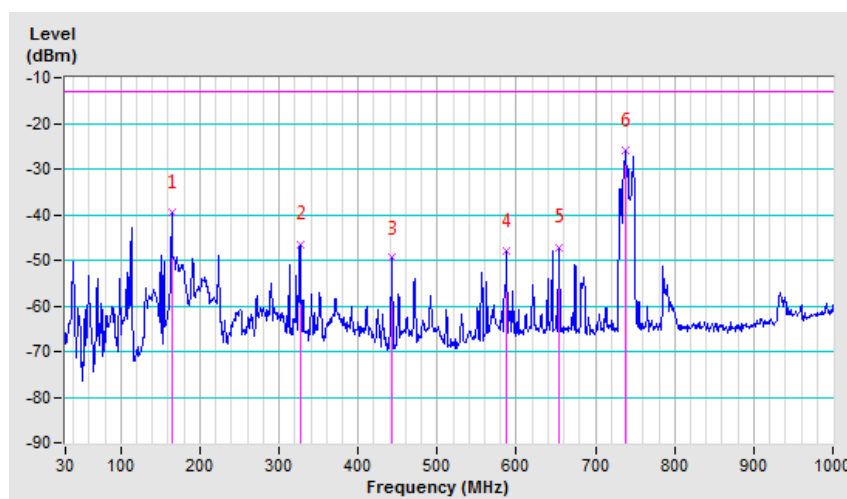


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                    |
| Polarity        | Vertical       | Beam ID   | 1                       |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 164.83      | -39.1         | -40.5                 | 1.0                    | -39.5      | -13.0       | -26.5       |
| 2                                                 | 326.82      | -45.4         | -51.6                 | 5.2                    | -46.4      | -13.0       | -33.4       |
| 3                                                 | 443.22      | -48.3         | -54.7                 | 5.2                    | -49.5      | -13.0       | -36.5       |
| 4                                                 | 587.75      | -50.8         | -52.3                 | 4.5                    | -47.8      | -13.0       | -34.8       |
| 5                                                 | 653.71      | -51.7         | -52.0                 | 4.9                    | -47.1      | -13.0       | -34.1       |
| 6                                                 | 737.13      | -31.3         | -30.6                 | 4.8                    | -25.8      | -13.0       | -12.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

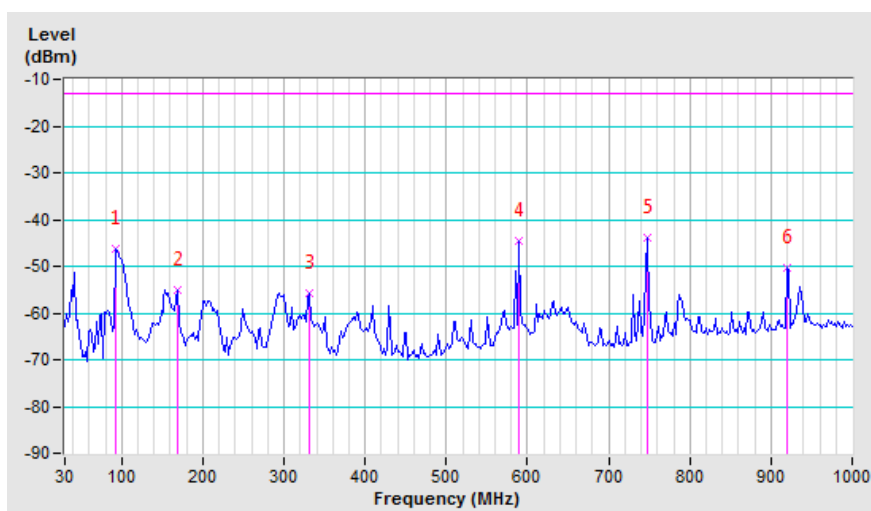


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Low            |
| Polarity        | Horizontal     | Beam ID   | 10             |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 92.08       | -38.4         | -47.4                 | 1.1                    | -46.3      | -13.0       | -33.3       |
| 2                                                   | 169.68      | -48.4         | -56.6                 | 1.6                    | -55.0      | -13.0       | -42.0       |
| 3                                                   | 330.70      | -52.1         | -61.0                 | 5.2                    | -55.8      | -13.0       | -42.8       |
| 4                                                   | 588.72      | -44.7         | -49.1                 | 4.5                    | -44.6      | -13.0       | -31.6       |
| 5                                                   | 747.80      | -47.5         | -48.6                 | 4.7                    | -43.9      | -13.0       | -30.9       |
| 6                                                   | 920.46      | -57.2         | -54.1                 | 3.9                    | -50.2      | -13.0       | -37.2       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

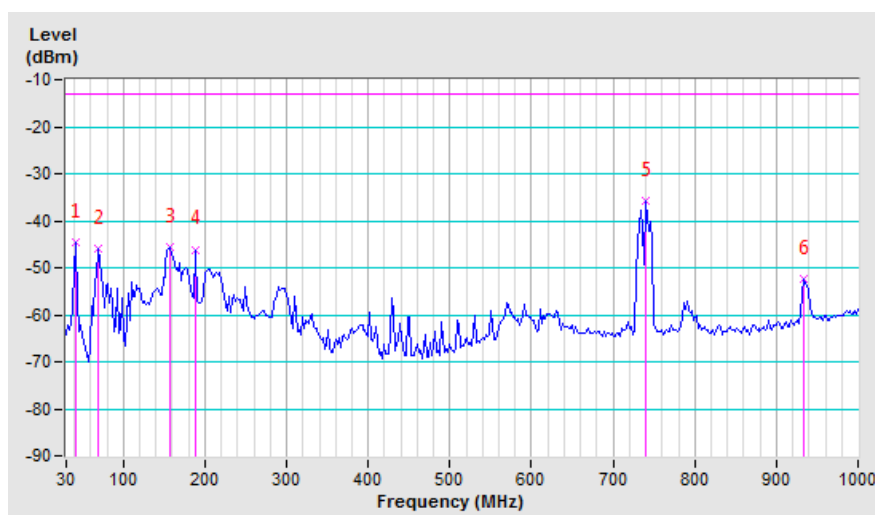


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low          |
| Polarity        | Vertical       | Beam ID   | 10           |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 41.64       | -37.9         | -34.0                 | -10.6                  | -44.6      | -13.0       | -31.6       |
| 2                                                 | 68.80       | -39.7         | -40.5                 | -5.3                   | -45.8      | -13.0       | -32.8       |
| 3                                                 | 158.04      | -45.3         | -46.0                 | 0.3                    | -45.7      | -13.0       | -32.7       |
| 4                                                 | 189.08      | -43.5         | -50.2                 | 4.1                    | -46.1      | -13.0       | -33.1       |
| 5                                                 | 740.04      | -41.3         | -40.5                 | 4.8                    | -35.7      | -13.0       | -22.7       |
| 6                                                 | 934.04      | -61.1         | -56.3                 | 3.9                    | -52.4      | -13.0       | -39.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

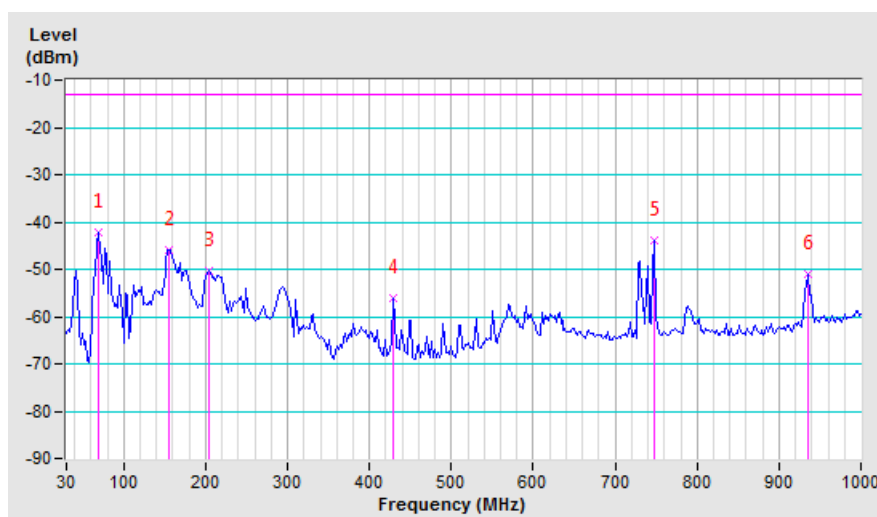


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | Middle         |
| Polarity        | Horizontal     | Beam ID   | 10             |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 94.02       | -38.0         | -46.8                 | 1.0                    | -45.8      | -13.0       | -32.8       |
| 2                                                   | 204.60      | -46.9         | -61.1                 | 5.4                    | -55.7      | -13.0       | -42.7       |
| 3                                                   | 330.70      | -51.9         | -60.8                 | 5.2                    | -55.6      | -13.0       | -42.6       |
| 4                                                   | 629.46      | -58.7         | -62.2                 | 4.6                    | -57.6      | -13.0       | -44.6       |
| 5                                                   | 743.92      | -36.9         | -38.0                 | 4.7                    | -33.3      | -13.0       | -20.3       |
| 6                                                   | 920.46      | -55.5         | -52.4                 | 3.9                    | -48.5      | -13.0       | -35.5       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



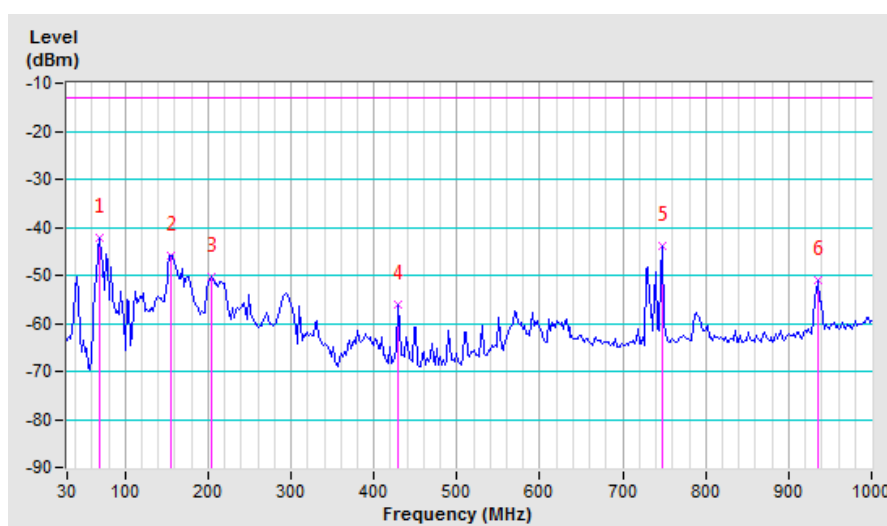


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle       |
| Polarity        | Vertical       | Beam ID   | 10           |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 68.80       | -36.2         | -37.0                 | -5.3                   | -42.3      | -13.0       | -29.3       |
| 2                                                 | 156.10      | -45.0         | -46.0                 | 0.2                    | -45.8      | -13.0       | -32.8       |
| 3                                                 | 204.60      | -48.7         | -55.8                 | 5.4                    | -50.4      | -13.0       | -37.4       |
| 4                                                 | 429.64      | -54.5         | -61.2                 | 5.2                    | -56.0      | -13.0       | -43.0       |
| 5                                                 | 747.80      | -49.6         | -48.7                 | 4.7                    | -44.0      | -13.0       | -31.0       |
| 6                                                 | 935.98      | -59.8         | -55.0                 | 3.9                    | -51.1      | -13.0       | -38.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

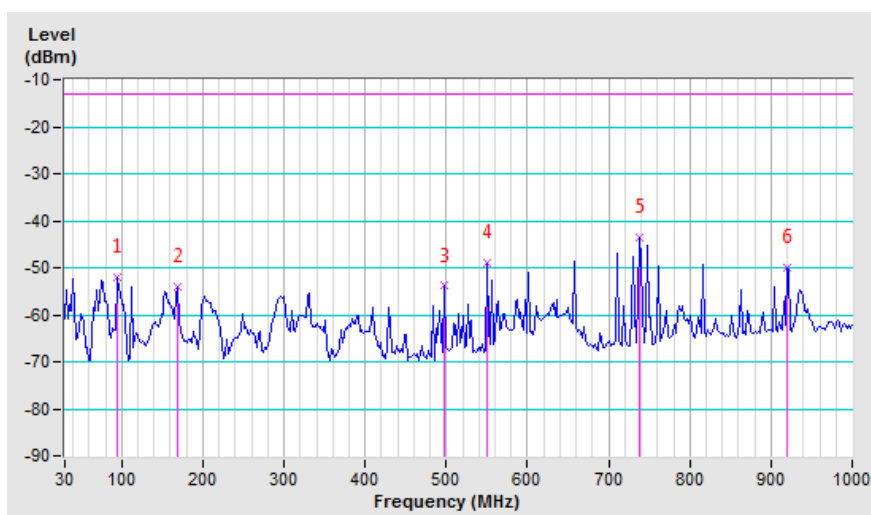


|                 |                |           |                |
|-----------------|----------------|-----------|----------------|
| Band            | n261           | Test Mode | B (Horizontal) |
| Frequency Range | Below 1000 MHz | Channel   | High           |
| Polarity        | Horizontal     | Beam ID   | 10             |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 94.02       | -44.1         | -52.9                 | 1.0                    | -51.9      | -13.0       | -38.9       |
| 2                                                   | 169.68      | -47.4         | -55.6                 | 1.6                    | -54.0      | -13.0       | -41.0       |
| 3                                                   | 497.54      | -52.6         | -58.8                 | 4.9                    | -53.9      | -13.0       | -40.9       |
| 4                                                   | 549.92      | -48.6         | -53.8                 | 4.7                    | -49.1      | -13.0       | -36.1       |
| 5                                                   | 738.10      | -46.8         | -48.2                 | 4.8                    | -43.4      | -13.0       | -30.4       |
| 6                                                   | 920.46      | -57.1         | -54.0                 | 3.9                    | -50.1      | -13.0       | -37.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

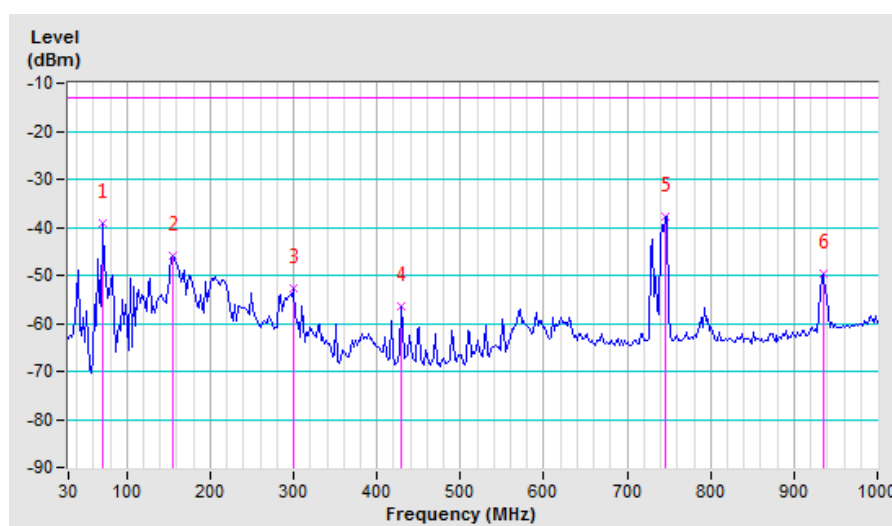


|                 |                |           |              |
|-----------------|----------------|-----------|--------------|
| Band            | n261           | Test Mode | B (Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High         |
| Polarity        | Vertical       | Beam ID   | 10           |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 70.74       | -33.5         | -34.6                 | -4.7                   | -39.3      | -13.0       | -26.3       |
| 2                                                 | 156.10      | -45.2         | -46.2                 | 0.2                    | -46.0      | -13.0       | -33.0       |
| 3                                                 | 299.66      | -52.0         | -57.7                 | 5.1                    | -52.6      | -13.0       | -39.6       |
| 4                                                 | 429.64      | -54.8         | -61.5                 | 5.2                    | -56.3      | -13.0       | -43.3       |
| 5                                                 | 745.86      | -43.3         | -42.4                 | 4.7                    | -37.7      | -13.0       | -24.7       |
| 6                                                 | 935.98      | -58.5         | -53.7                 | 3.9                    | -49.8      | -13.0       | -36.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

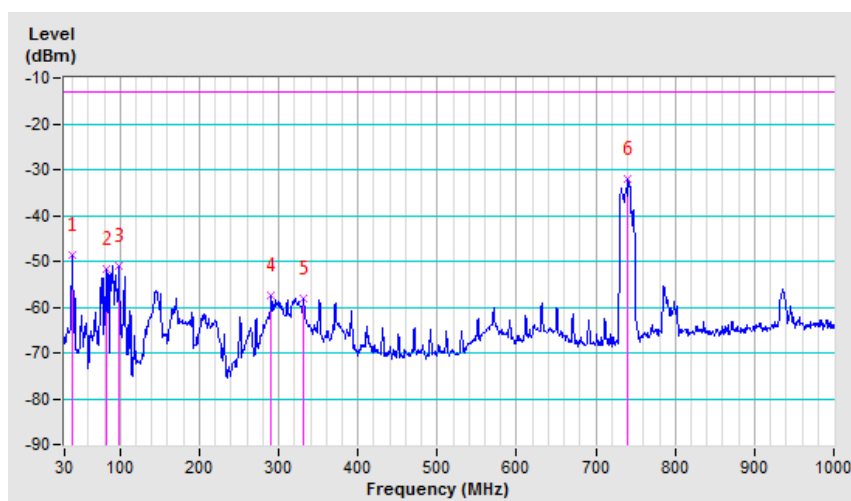


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Horizontal     | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 40.67       | -51.3         | -38.0                 | -10.8                  | -48.8      | -13.0       | -35.8       |
| 2                                                   | 82.38       | -45.3         | -50.8                 | -1.0                   | -51.8      | -13.0       | -38.8       |
| 3                                                   | 98.87       | -43.4         | -51.8                 | 0.9                    | -50.9      | -13.0       | -37.9       |
| 4                                                   | 290.93      | -53.9         | -62.5                 | 5.1                    | -57.4      | -13.0       | -44.4       |
| 5                                                   | 331.67      | -54.4         | -63.3                 | 5.2                    | -58.1      | -13.0       | -45.1       |
| 6                                                   | 740.04      | -35.5         | -36.8                 | 4.8                    | -32.0      | -13.0       | -19.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

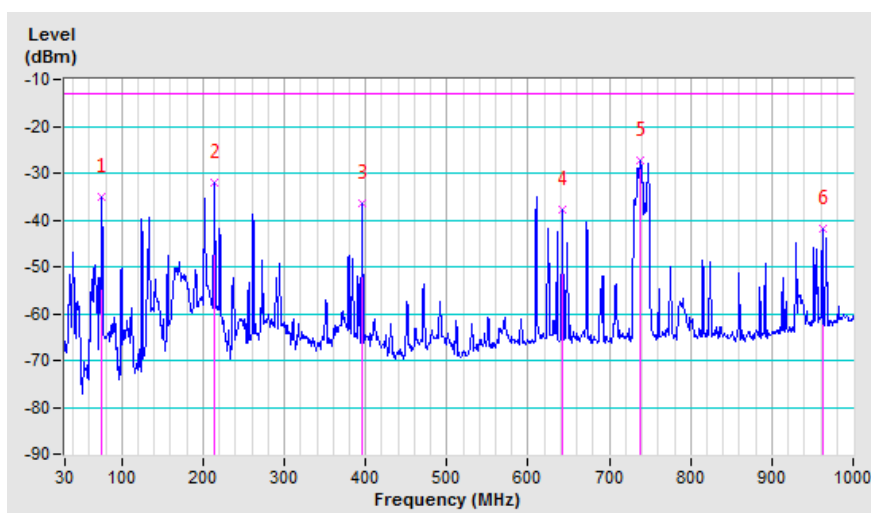


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Low                     |
| Polarity        | Vertical       | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 75.59       | -30.6         | -32.1                 | -3.1                   | -35.2      | -13.0       | -22.2       |
| 2                                                 | 214.30      | -31.0         | -37.4                 | 5.4                    | -32.0      | -13.0       | -19.0       |
| 3                                                 | 396.66      | -35.7         | -41.7                 | 5.2                    | -36.5      | -13.0       | -23.5       |
| 4                                                 | 643.04      | -42.2         | -42.5                 | 4.8                    | -37.7      | -13.0       | -24.7       |
| 5                                                 | 738.10      | -32.8         | -32.1                 | 4.8                    | -27.3      | -13.0       | -14.3       |
| 6                                                 | 962.17      | -51.1         | -45.9                 | 3.9                    | -42.0      | -13.0       | -29.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

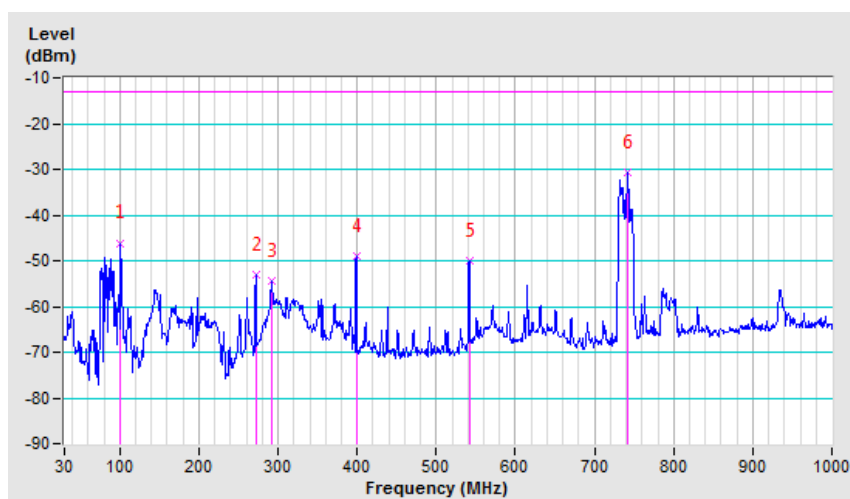


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Vertical       | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 100.81      | -38.6         | -47.0                 | 0.9                    | -46.1      | -13.0       | -33.1       |
| 2                                                   | 271.53      | -47.7         | -58.3                 | 5.3                    | -53.0      | -13.0       | -40.0       |
| 3                                                   | 292.87      | -50.6         | -59.4                 | 5.1                    | -54.3      | -13.0       | -41.3       |
| 4                                                   | 399.57      | -47.5         | -54.2                 | 5.2                    | -49.0      | -13.0       | -36.0       |
| 5                                                   | 542.16      | -49.3         | -54.7                 | 4.7                    | -50.0      | -13.0       | -37.0       |
| 6                                                   | 741.98      | -34.2         | -35.3                 | 4.7                    | -30.6      | -13.0       | -17.6       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

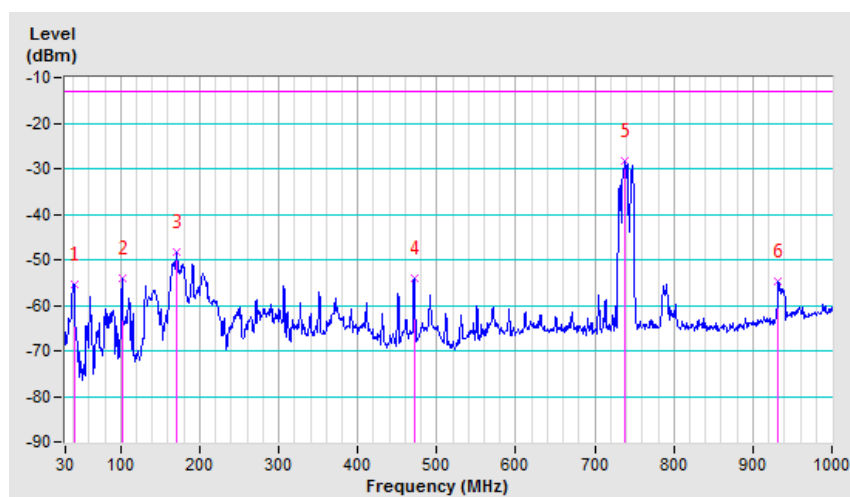


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | Middle                  |
| Polarity        | Vertical       | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 41.64       | -48.6         | -44.7                 | -10.6                  | -55.3      | -13.0       | -42.3       |
| 2                                                 | 101.78      | -48.2         | -54.8                 | 0.8                    | -54.0      | -13.0       | -41.0       |
| 3                                                 | 171.62      | -48.8         | -50.2                 | 1.8                    | -48.4      | -13.0       | -35.4       |
| 4                                                 | 471.35      | -53.3         | -59.0                 | 5.0                    | -54.0      | -13.0       | -41.0       |
| 5                                                 | 738.10      | -33.7         | -33.0                 | 4.8                    | -28.2      | -13.0       | -15.2       |
| 6                                                 | 932.10      | -63.2         | -58.6                 | 3.9                    | -54.7      | -13.0       | -41.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

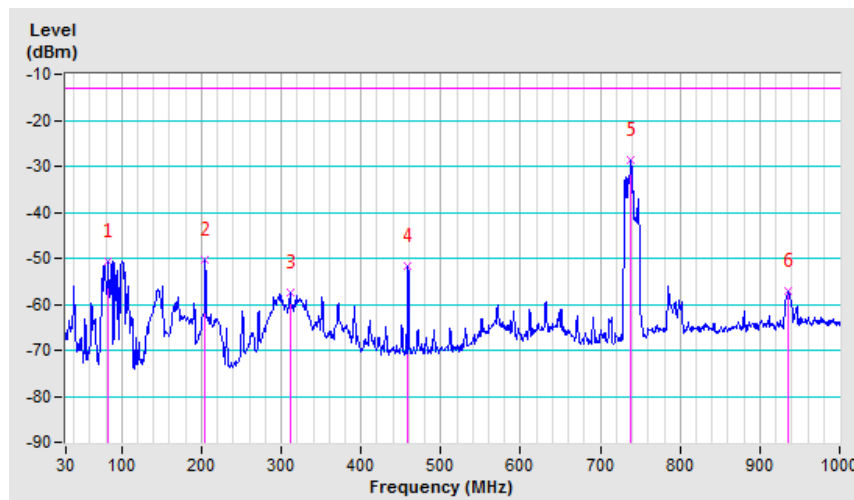


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                    |
| Polarity        | Vertical       | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 83.35       | -44.3         | -50.0                 | -0.7                   | -50.7      | -13.0       | -37.7       |
| 2                                                   | 204.60      | -41.4         | -55.6                 | 5.4                    | -50.2      | -13.0       | -37.2       |
| 3                                                   | 311.30      | -52.8         | -62.4                 | 5.1                    | -57.3      | -13.0       | -44.3       |
| 4                                                   | 458.74      | -50.6         | -56.7                 | 5.0                    | -51.7      | -13.0       | -38.7       |
| 5                                                   | 738.10      | -32.1         | -33.5                 | 4.8                    | -28.7      | -13.0       | -15.7       |
| 6                                                   | 935.01      | -64.1         | -60.9                 | 3.9                    | -57.0      | -13.0       | -44.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



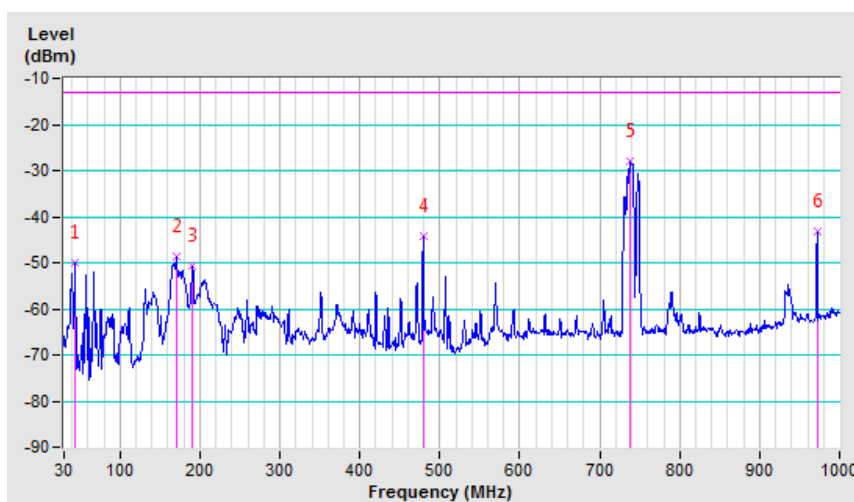


|                 |                |           |                         |
|-----------------|----------------|-----------|-------------------------|
| Band            | n261           | Test Mode | B (Horizontal+Vertical) |
| Frequency Range | Below 1000 MHz | Channel   | High                    |
| Polarity        | Vertical       | Beam ID   | 10                      |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 44.55       | -43.7         | -39.8                 | -10.1                  | -49.9      | -13.0       | -36.9       |
| 2                                                 | 170.65      | -49.1         | -50.4                 | 1.7                    | -48.7      | -13.0       | -35.7       |
| 3                                                 | 191.02      | -47.3         | -54.9                 | 4.3                    | -50.6      | -13.0       | -37.6       |
| 4                                                 | 479.11      | -43.2         | -49.2                 | 5.0                    | -44.2      | -13.0       | -31.2       |
| 5                                                 | 738.10      | -33.5         | -32.8                 | 4.8                    | -28.0      | -13.0       | -15.0       |
| 6                                                 | 971.87      | -52.6         | -47.0                 | 3.9                    | -43.1      | -13.0       | -30.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



# Above 1GHz Data:

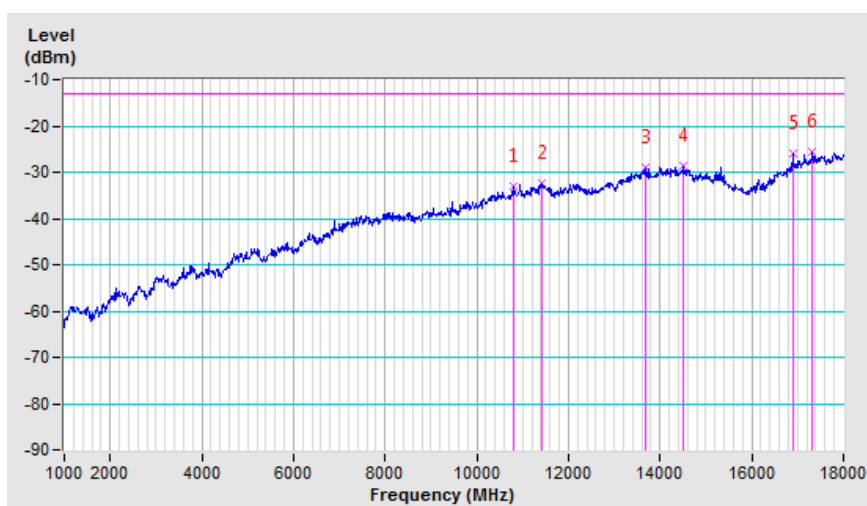
## 1GHz-18GHz:

|                 |              |           |                        |
|-----------------|--------------|-----------|------------------------|
| Band            | n261         | Test Mode | A                      |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                    |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 10792.00    | -63.1         | -35.3                 | 2.3                    | -33.0      | -13.0       | -20.0       |
| 2                                                   | 11421.00    | -63.6         | -34.7                 | 2.4                    | -32.3      | -13.0       | -19.3       |
| 3                                                   | 13665.00    | -64.2         | -31.5                 | 2.4                    | -29.1      | -13.0       | -16.1       |
| 4                                                   | 14515.00    | -63.9         | -30.2                 | 1.5                    | -28.7      | -13.0       | -15.7       |
| 5                                                   | 16895.00    | -61.8         | -29.2                 | 3.2                    | -26.0      | -13.0       | -13.0       |
| 6                                                   | 17320.00    | -62.6         | -27.2                 | 1.5                    | -25.7      | -13.0       | -12.7       |

### Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

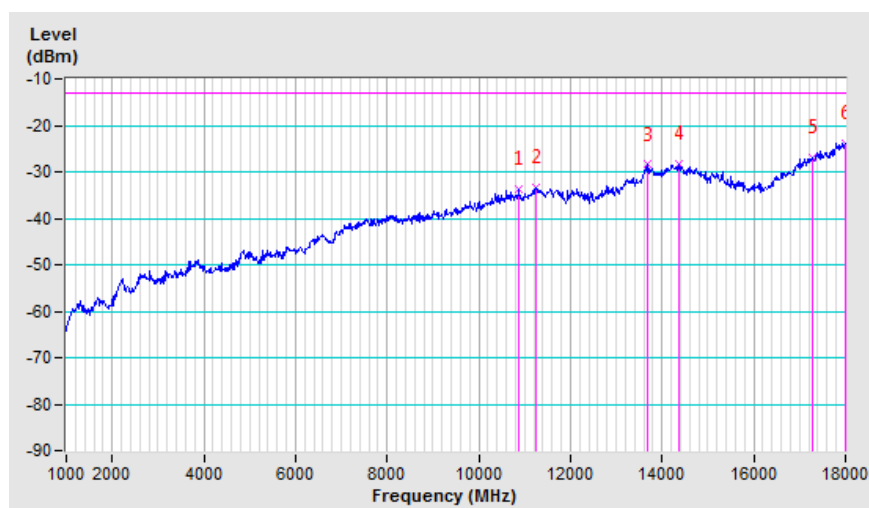


|                 |              |           |                      |
|-----------------|--------------|-----------|----------------------|
| Band            | n261         | Test Mode | A                    |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                  |
| Polarity        | Vertical     | Beam ID   | Full Beam / Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 10877.00    | -63.0         | -35.9                 | 2.3                    | -33.6      | -13.0       | -20.6       |
| 2                                                 | 11251.00    | -64.4         | -35.7                 | 2.3                    | -33.4      | -13.0       | -20.4       |
| 3                                                 | 13682.00    | -64.1         | -30.9                 | 2.4                    | -28.5      | -13.0       | -15.5       |
| 4                                                 | 14379.00    | -64.3         | -29.9                 | 1.5                    | -28.4      | -13.0       | -15.4       |
| 5                                                 | 17269.00    | -63.7         | -28.5                 | 1.6                    | -26.9      | -13.0       | -13.9       |
| 6                                                 | 17983.00    | -63.8         | -18.9                 | -4.9                   | -23.8      | -13.0       | -10.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

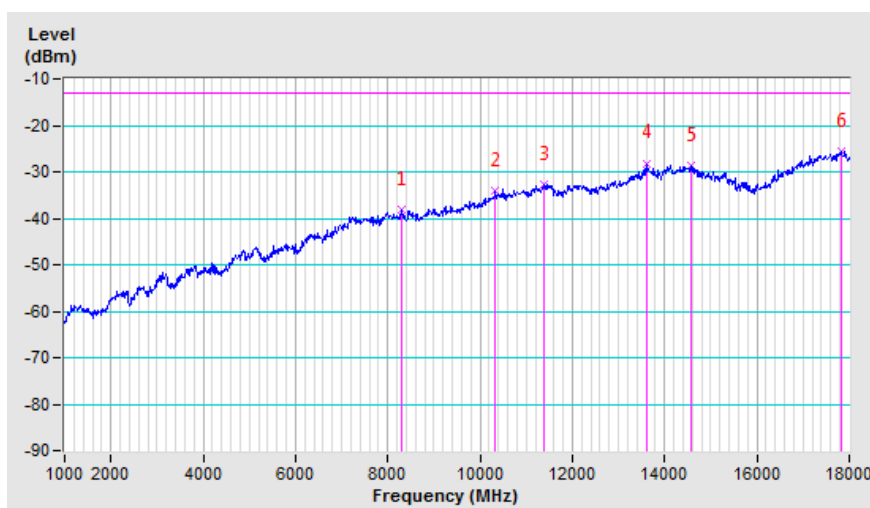


|                 |              |           |                        |
|-----------------|--------------|-----------|------------------------|
| Band            | n261         | Test Mode | A                      |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle                 |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 8293.00     | -63.1         | -42.6                 | 4.5                    | -38.1      | -13.0       | -25.1       |
| 2                                                   | 10333.00    | -63.5         | -37.0                 | 3.0                    | -34.0      | -13.0       | -21.0       |
| 3                                                   | 11370.00    | -64.0         | -35.2                 | 2.4                    | -32.8      | -13.0       | -19.8       |
| 4                                                   | 13597.00    | -63.5         | -30.5                 | 2.4                    | -28.1      | -13.0       | -15.1       |
| 5                                                   | 14583.00    | -63.4         | -30.3                 | 1.6                    | -28.7      | -13.0       | -15.7       |
| 6                                                   | 17813.00    | -63.5         | -22.7                 | -2.9                   | -25.6      | -13.0       | -12.6       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

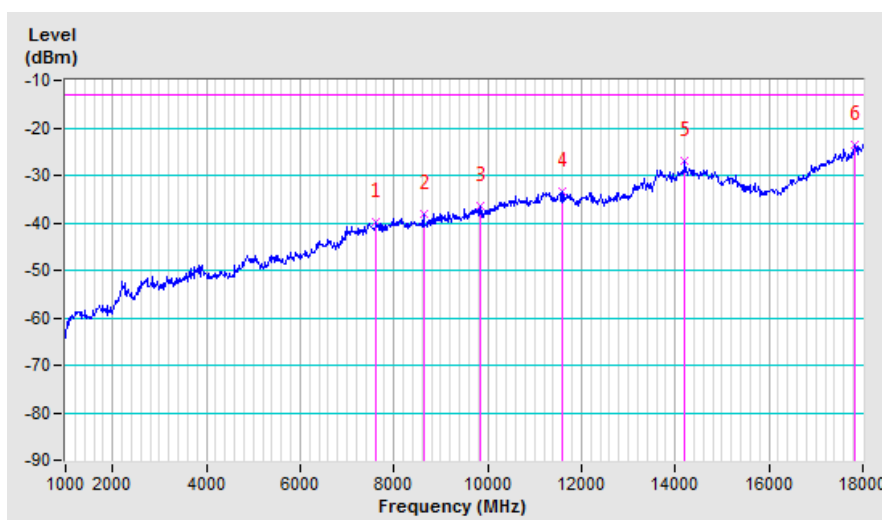


|                 |              |           |                      |
|-----------------|--------------|-----------|----------------------|
| Band            | n261         | Test Mode | A                    |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle               |
| Polarity        | Vertical     | Beam ID   | Full Beam / Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 7630.00     | -64.0         | -44.1                 | 4.2                    | -39.9      | -13.0       | -26.9       |
| 2                                                 | 8633.00     | -62.7         | -42.8                 | 4.8                    | -38.0      | -13.0       | -25.0       |
| 3                                                 | 9857.00     | -63.6         | -40.1                 | 3.7                    | -36.4      | -13.0       | -23.4       |
| 4                                                 | 11591.00    | -63.4         | -35.8                 | 2.5                    | -33.3      | -13.0       | -20.3       |
| 5                                                 | 14209.00    | -63.0         | -28.7                 | 1.6                    | -27.1      | -13.0       | -14.1       |
| 6                                                 | 17813.00    | -63.3         | -20.8                 | -2.9                   | -23.7      | -13.0       | -10.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

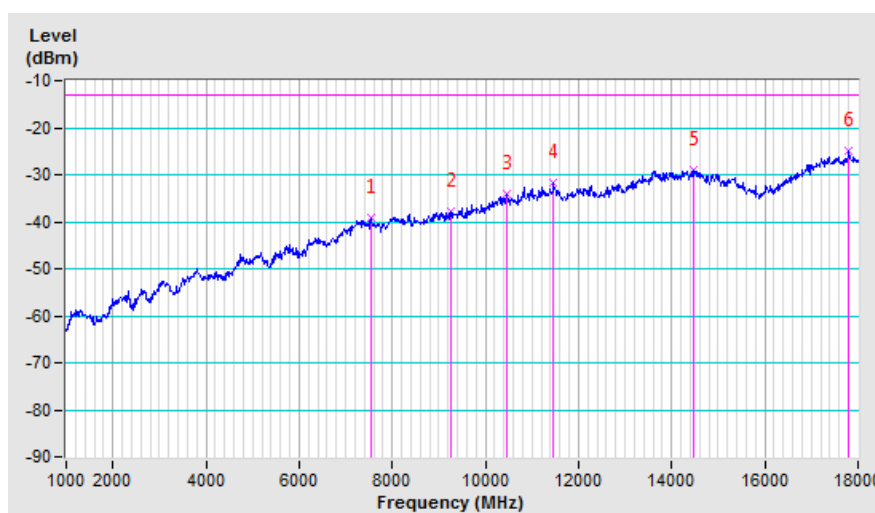


|                 |              |           |                        |
|-----------------|--------------|-----------|------------------------|
| Band            | n261         | Test Mode | A                      |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                   |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 7545.00     | -63.8         | -43.3                 | 4.2                    | -39.1      | -13.0       | -26.1       |
| 2                                                   | 9262.00     | -64.2         | -42.0                 | 4.3                    | -37.7      | -13.0       | -24.7       |
| 3                                                   | 10452.00    | -63.9         | -37.1                 | 2.9                    | -34.2      | -13.0       | -21.2       |
| 4                                                   | 11455.00    | -63.1         | -34.2                 | 2.4                    | -31.8      | -13.0       | -18.8       |
| 5                                                   | 14464.00    | -64.3         | -30.5                 | 1.4                    | -29.1      | -13.0       | -16.1       |
| 6                                                   | 17796.00    | -62.9         | -22.2                 | -2.8                   | -25.0      | -13.0       | -12.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

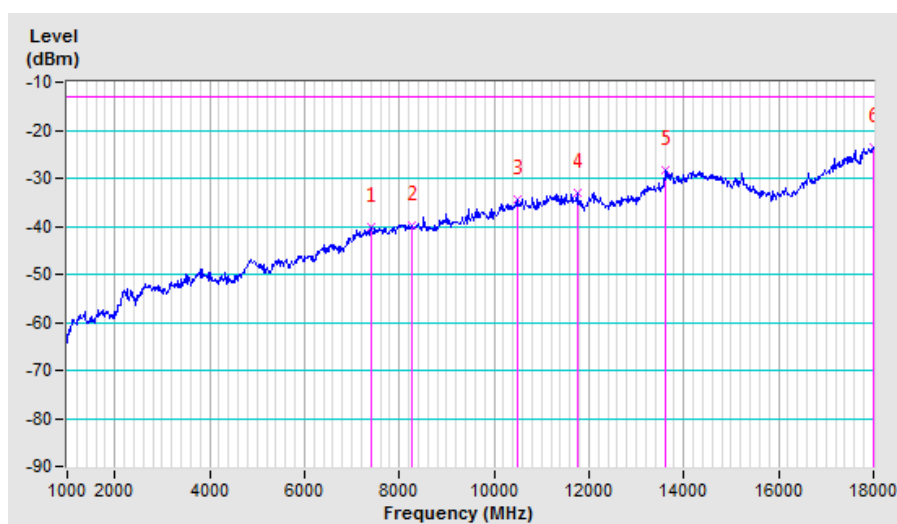


|                 |              |           |                      |
|-----------------|--------------|-----------|----------------------|
| Band            | n261         | Test Mode | A                    |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                 |
| Polarity        | Vertical     | Beam ID   | Full Beam / Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 7409.00     | -64.0         | -44.4                 | 4.3                    | -40.1      | -13.0       | -27.1       |
| 2                                                 | 8276.00     | -63.9         | -44.2                 | 4.5                    | -39.7      | -13.0       | -26.7       |
| 3                                                 | 10486.00    | -63.7         | -37.1                 | 2.7                    | -34.4      | -13.0       | -21.4       |
| 4                                                 | 11761.00    | -63.7         | -36.0                 | 3.0                    | -33.0      | -13.0       | -20.0       |
| 5                                                 | 13597.00    | -63.8         | -30.8                 | 2.4                    | -28.4      | -13.0       | -15.4       |
| 6                                                 | 18000.00    | -63.9         | -18.6                 | -5.1                   | -23.7      | -13.0       | -10.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

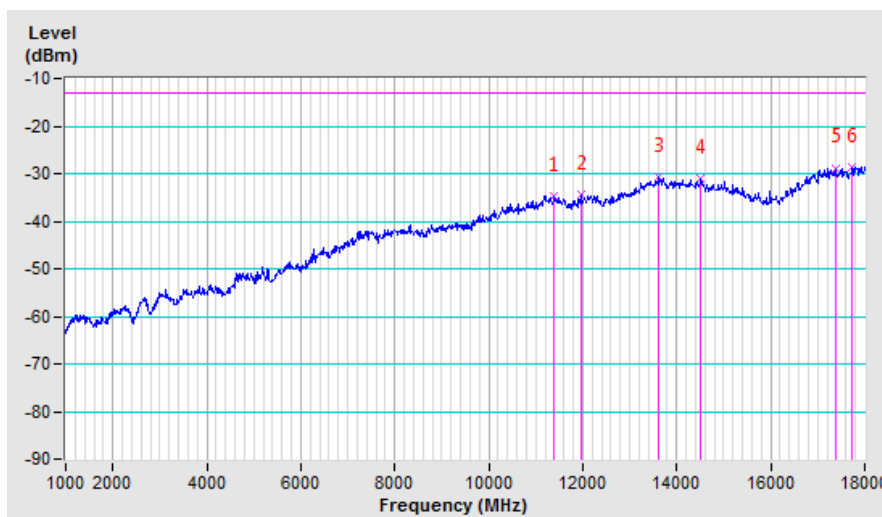


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                               |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 11387.00    | -65.8         | -37.0                 | 2.4                    | -34.6      | -13.0       | -21.6       |
| 2                                                   | 11965.00    | -65.5         | -37.9                 | 3.4                    | -34.5      | -13.0       | -21.5       |
| 3                                                   | 13614.00    | -66.2         | -33.2                 | 2.4                    | -30.8      | -13.0       | -17.8       |
| 4                                                   | 14515.00    | -66.3         | -32.6                 | 1.5                    | -31.1      | -13.0       | -18.1       |
| 5                                                   | 17371.00    | -65.6         | -29.9                 | 1.1                    | -28.8      | -13.0       | -15.8       |
| 6                                                   | 17728.00    | -65.7         | -26.7                 | -1.9                   | -28.6      | -13.0       | -15.6       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



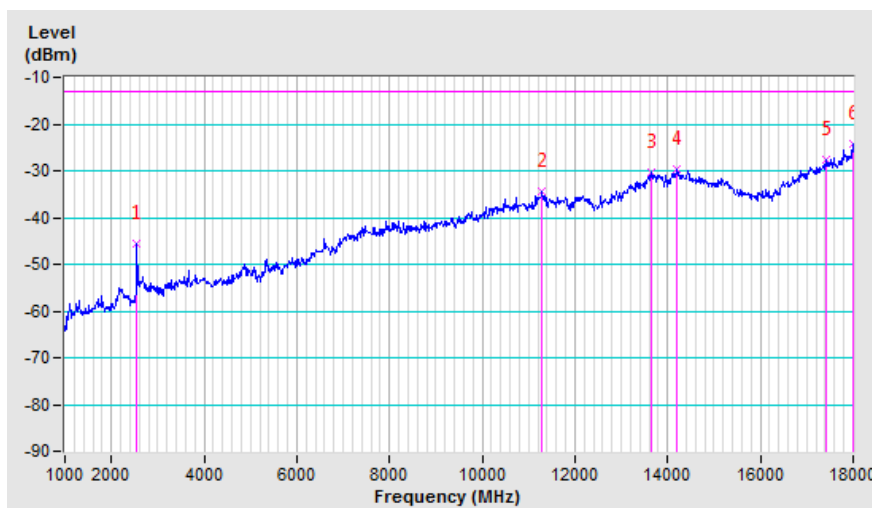


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                               |
| Polarity        | Vertical     | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 2547.00     | -56.8         | -52.0                 | 6.4                    | -45.6      | -13.0       | -32.6       |
| 2                                                 | 11285.00    | -65.6         | -36.7                 | 2.2                    | -34.5      | -13.0       | -21.5       |
| 3                                                 | 13631.00    | -66.0         | -32.9                 | 2.4                    | -30.5      | -13.0       | -17.5       |
| 4                                                 | 14209.00    | -65.7         | -31.4                 | 1.6                    | -29.8      | -13.0       | -16.8       |
| 5                                                 | 17422.00    | -65.2         | -28.5                 | 0.8                    | -27.7      | -13.0       | -14.7       |
| 6                                                 | 17983.00    | -64.4         | -19.5                 | -4.9                   | -24.4      | -13.0       | -11.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

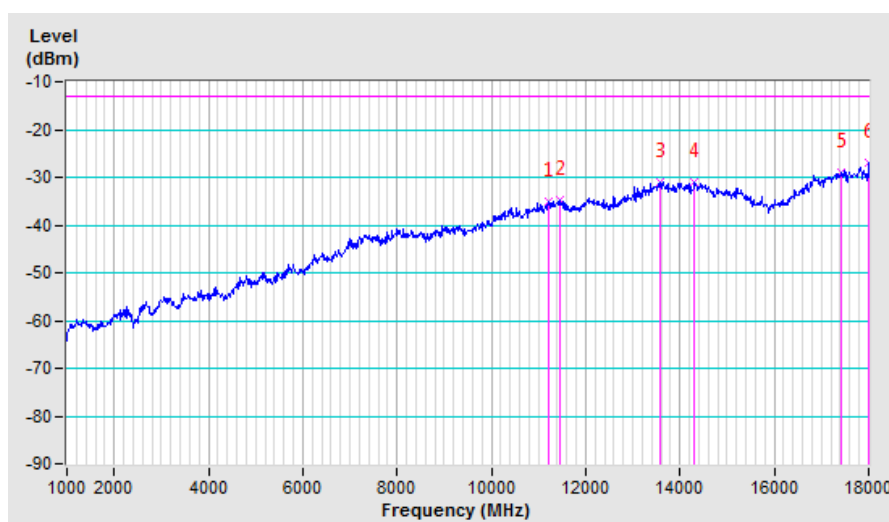


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle                            |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 11217.00    | -66.3         | -37.3                 | 2.2                    | -35.1      | -13.0       | -22.1       |
| 2                                                   | 11455.00    | -66.2         | -37.3                 | 2.4                    | -34.9      | -13.0       | -21.9       |
| 3                                                   | 13563.00    | -66.4         | -33.6                 | 2.5                    | -31.1      | -13.0       | -18.1       |
| 4                                                   | 14311.00    | -66.1         | -32.3                 | 1.4                    | -30.9      | -13.0       | -17.9       |
| 5                                                   | 17405.00    | -65.8         | -30.0                 | 1.0                    | -29.0      | -13.0       | -16.0       |
| 6                                                   | 18000.00    | -63.8         | -21.9                 | -5.1                   | -27.0      | -13.0       | -14.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

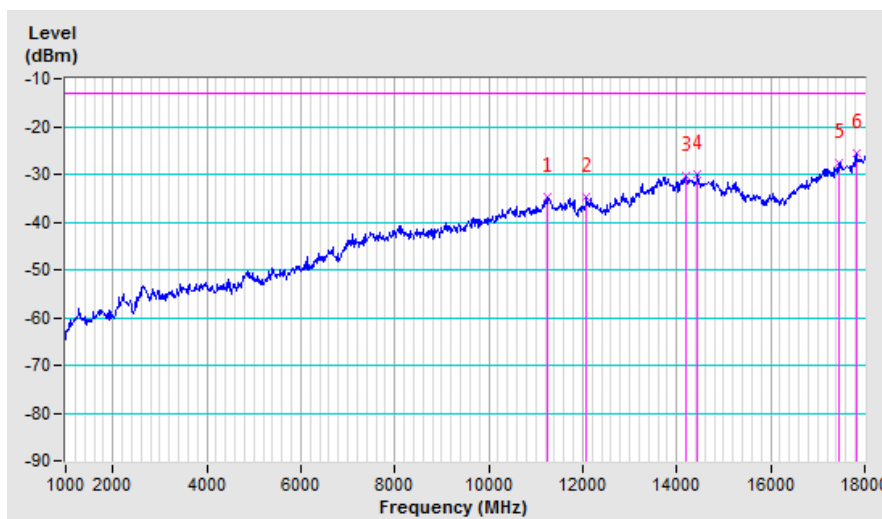


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle                            |
| Polarity        | Vertical     | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 11234.00    | -65.7         | -36.9                 | 2.2                    | -34.7      | -13.0       | -21.7       |
| 2                                                 | 12084.00    | -65.3         | -38.4                 | 3.7                    | -34.7      | -13.0       | -21.7       |
| 3                                                 | 14192.00    | -66.3         | -32.1                 | 1.6                    | -30.5      | -13.0       | -17.5       |
| 4                                                 | 14447.00    | -65.3         | -31.4                 | 1.5                    | -29.9      | -13.0       | -16.9       |
| 5                                                 | 17439.00    | -65.3         | -28.5                 | 0.8                    | -27.7      | -13.0       | -14.7       |
| 6                                                 | 17813.00    | -65.1         | -22.6                 | -2.9                   | -25.5      | -13.0       | -12.5       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

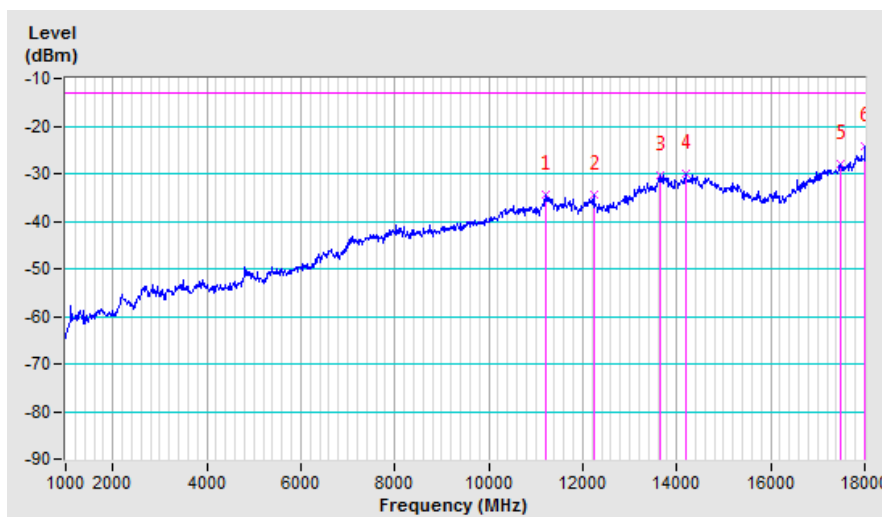


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                              |
| Polarity        | Horizontal   | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 10571.00    | -66.0         | -39.0                 | 2.7                    | -36.3      | -13.0       | -23.3       |
| 2                                                   | 11540.00    | -65.4         | -36.9                 | 2.5                    | -34.4      | -13.0       | -21.4       |
| 3                                                   | 13512.00    | -64.9         | -32.6                 | 2.7                    | -29.9      | -13.0       | -16.9       |
| 4                                                   | 15059.00    | -65.7         | -35.6                 | 3.4                    | -32.2      | -13.0       | -19.2       |
| 5                                                   | 17286.00    | -65.7         | -30.5                 | 1.6                    | -28.9      | -13.0       | -15.9       |
| 6                                                   | 17575.00    | -65.0         | -27.8                 | -0.2                   | -28.0      | -13.0       | -15.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

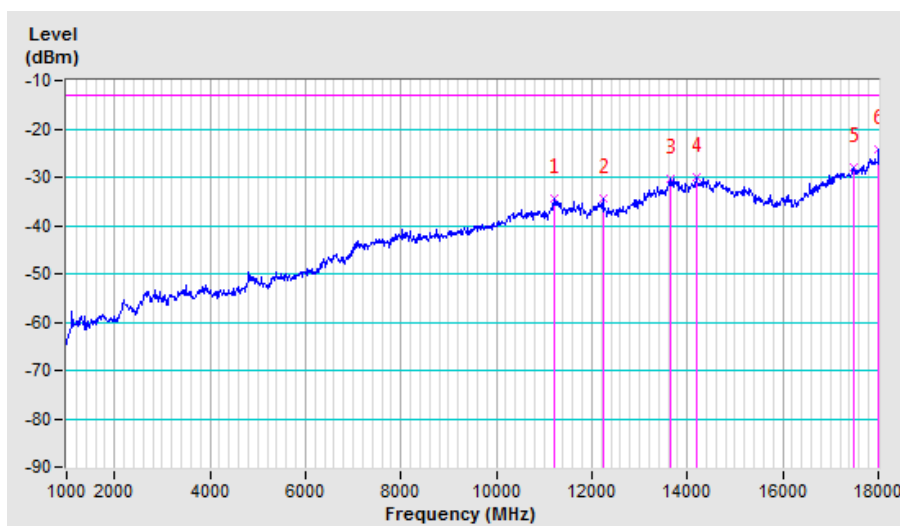


|                 |              |           |                                   |
|-----------------|--------------|-----------|-----------------------------------|
| Band            | n261         | Test Mode | A                                 |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                              |
| Polarity        | Vertical     | Beam ID   | Full Beam / Horizontal + Vertical |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 11200.00    | -65.4         | -36.7                 | 2.2                    | -34.5      | -13.0       | -21.5       |
| 2                                                 | 12237.00    | -64.5         | -38.4                 | 3.9                    | -34.5      | -13.0       | -21.5       |
| 3                                                 | 13631.00    | -65.9         | -32.8                 | 2.4                    | -30.4      | -13.0       | -17.4       |
| 4                                                 | 14192.00    | -65.7         | -31.5                 | 1.6                    | -29.9      | -13.0       | -16.9       |
| 5                                                 | 17473.00    | -65.6         | -28.5                 | 0.6                    | -27.9      | -13.0       | -14.9       |
| 6                                                 | 18000.00    | -64.5         | -19.2                 | -5.1                   | -24.3      | -13.0       | -11.3       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

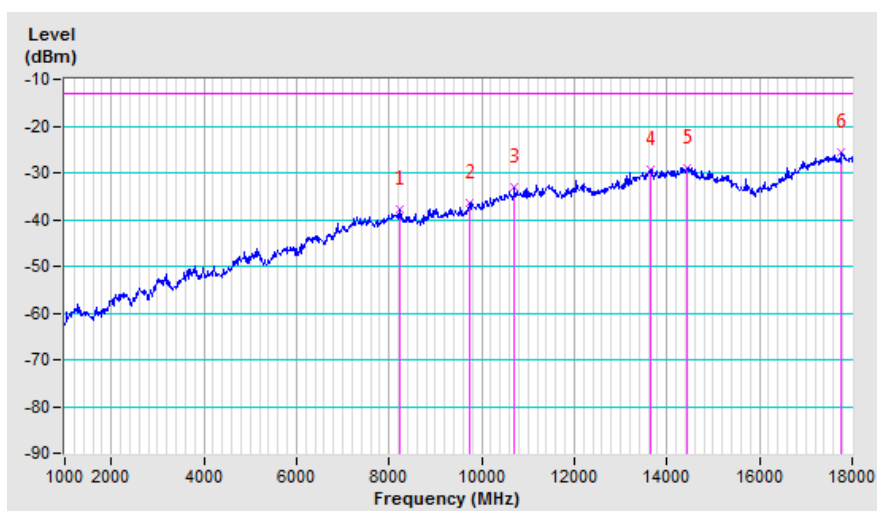


|                 |              |           |               |
|-----------------|--------------|-----------|---------------|
| Band            | n261         | Test Mode | B             |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low           |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 8225.00     | -62.7         | -42.4                 | 4.5                    | -37.9      | -13.0       | -24.9       |
| 2                                                   | 9755.00     | -64.0         | -40.3                 | 3.7                    | -36.6      | -13.0       | -23.6       |
| 3                                                   | 10707.00    | -62.4         | -35.6                 | 2.5                    | -33.1      | -13.0       | -20.1       |
| 4                                                   | 13631.00    | -64.7         | -31.8                 | 2.4                    | -29.4      | -13.0       | -16.4       |
| 5                                                   | 14430.00    | -64.0         | -30.4                 | 1.5                    | -28.9      | -13.0       | -15.9       |
| 6                                                   | 17762.00    | -63.1         | -23.3                 | -2.3                   | -25.6      | -13.0       | -12.6       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

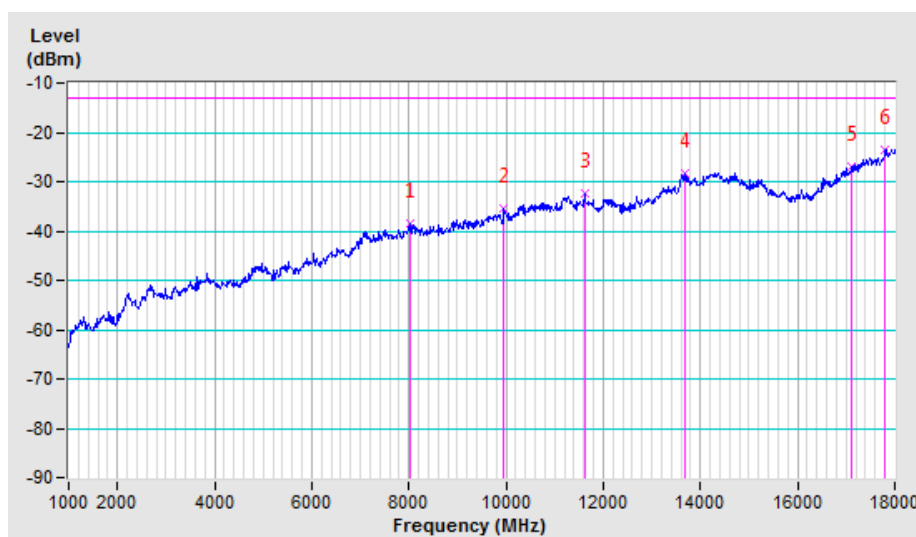


|                 |              |           |             |
|-----------------|--------------|-----------|-------------|
| Band            | n261         | Test Mode | B           |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low         |
| Polarity        | Vertical     | Beam ID   | 1(Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 8021.00     | -63.2         | -42.5                 | 4.0                    | -38.5      | -13.0       | -25.5       |
| 2                                                 | 9959.00     | -62.7         | -38.9                 | 3.6                    | -35.3      | -13.0       | -22.3       |
| 3                                                 | 11608.00    | -62.6         | -35.1                 | 2.6                    | -32.5      | -13.0       | -19.5       |
| 4                                                 | 13665.00    | -63.8         | -30.6                 | 2.4                    | -28.2      | -13.0       | -15.2       |
| 5                                                 | 17116.00    | -63.2         | -28.9                 | 2.0                    | -26.9      | -13.0       | -13.9       |
| 6                                                 | 17796.00    | -63.0         | -20.6                 | -2.8                   | -23.4      | -13.0       | -10.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

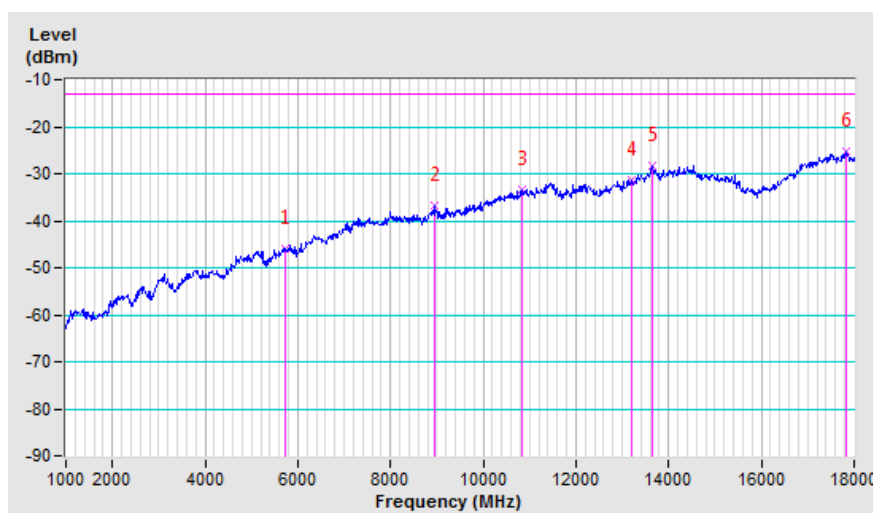


|                 |              |           |               |
|-----------------|--------------|-----------|---------------|
| Band            | n261         | Test Mode | B             |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle        |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 5726.00     | -65.7         | -52.6                 | 6.7                    | -45.9      | -13.0       | -32.9       |
| 2                                                   | 8956.00     | -62.7         | -41.6                 | 4.7                    | -36.9      | -13.0       | -23.9       |
| 3                                                   | 10826.00    | -63.6         | -35.6                 | 2.3                    | -33.3      | -13.0       | -20.3       |
| 4                                                   | 13189.00    | -64.6         | -34.4                 | 3.1                    | -31.3      | -13.0       | -18.3       |
| 5                                                   | 13648.00    | -63.5         | -30.6                 | 2.3                    | -28.3      | -13.0       | -15.3       |
| 6                                                   | 17813.00    | -63.1         | -22.3                 | -2.9                   | -25.2      | -13.0       | -12.2       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



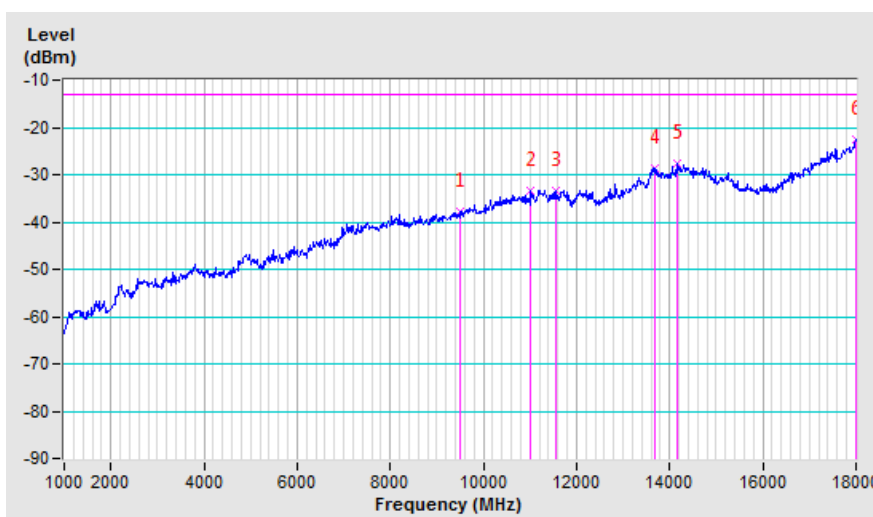


|                 |              |           |             |
|-----------------|--------------|-----------|-------------|
| Band            | n261         | Test Mode | B           |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle      |
| Polarity        | Vertical     | Beam ID   | 1(Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 9483.00     | -64.5         | -41.9                 | 4.0                    | -37.9      | -13.0       | -24.9       |
| 2                                                 | 11013.00    | -62.7         | -35.4                 | 2.1                    | -33.3      | -13.0       | -20.3       |
| 3                                                 | 11557.00    | -63.3         | -35.8                 | 2.5                    | -33.3      | -13.0       | -20.3       |
| 4                                                 | 13665.00    | -64.3         | -31.1                 | 2.4                    | -28.7      | -13.0       | -15.7       |
| 5                                                 | 14175.00    | -63.2         | -29.1                 | 1.6                    | -27.5      | -13.0       | -14.5       |
| 6                                                 | 18000.00    | -62.8         | -17.5                 | -5.1                   | -22.6      | -13.0       | -9.6        |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

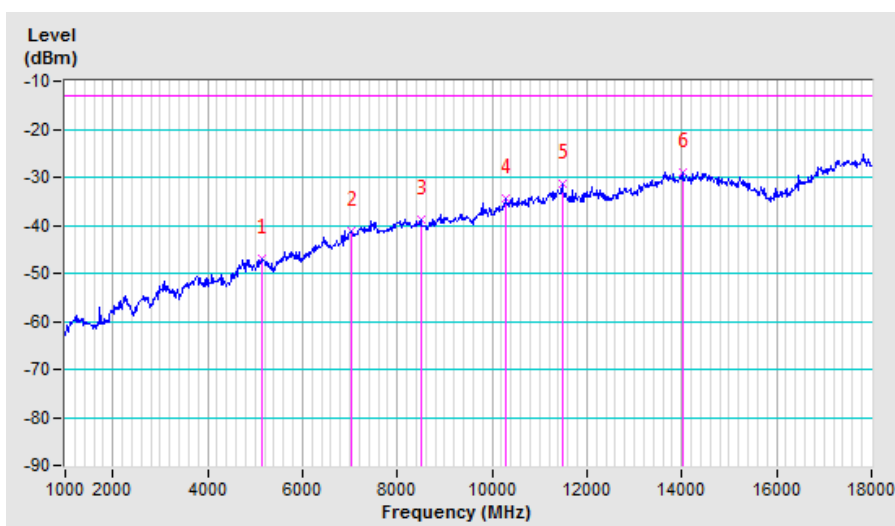


|                 |              |           |               |
|-----------------|--------------|-----------|---------------|
| Band            | n261         | Test Mode | B             |
| Frequency Range | 1GHz ~18 GHz | Channel   | High          |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 5148.00     | -65.5         | -53.6                 | 6.6                    | -47.0      | -13.0       | -34.0       |
| 2                                                   | 7018.00     | -64.8         | -45.8                 | 4.7                    | -41.1      | -13.0       | -28.1       |
| 3                                                   | 8497.00     | -63.9         | -43.7                 | 4.8                    | -38.9      | -13.0       | -25.9       |
| 4                                                   | 10282.00    | -63.8         | -37.6                 | 3.1                    | -34.5      | -13.0       | -21.5       |
| 5                                                   | 11472.00    | -62.6         | -33.7                 | 2.4                    | -31.3      | -13.0       | -18.3       |
| 6                                                   | 14022.00    | -63.8         | -30.5                 | 1.6                    | -28.9      | -13.0       | -15.9       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

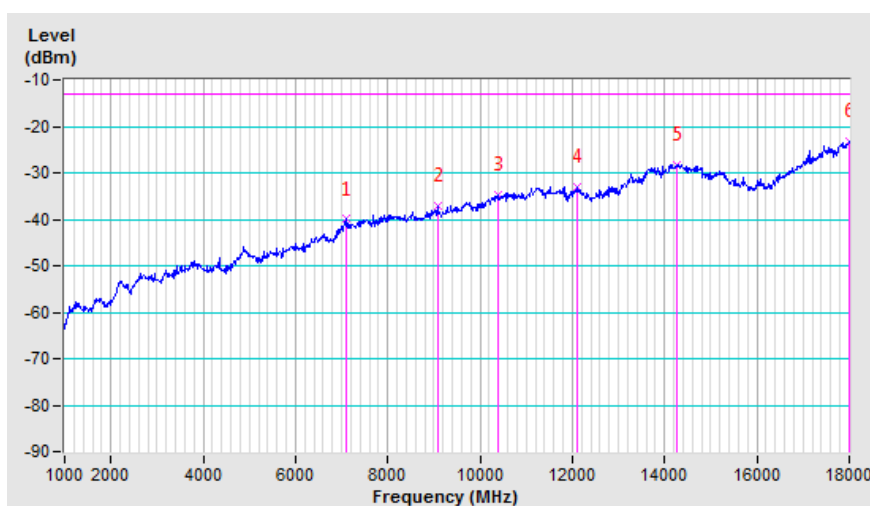


|                 |              |           |             |
|-----------------|--------------|-----------|-------------|
| Band            | n261         | Test Mode | B           |
| Frequency Range | 1GHz ~18 GHz | Channel   | High        |
| Polarity        | Vertical     | Beam ID   | 1(Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 7103.00     | -63.7         | -44.7                 | 4.7                    | -40.0      | -13.0       | -27.0       |
| 2                                                 | 9075.00     | -62.9         | -41.7                 | 4.5                    | -37.2      | -13.0       | -24.2       |
| 3                                                 | 10384.00    | -63.7         | -37.5                 | 2.9                    | -34.6      | -13.0       | -21.6       |
| 4                                                 | 12118.00    | -63.5         | -36.6                 | 3.7                    | -32.9      | -13.0       | -19.9       |
| 5                                                 | 14260.00    | -64.2         | -29.8                 | 1.5                    | -28.3      | -13.0       | -15.3       |
| 6                                                 | 18000.00    | -63.3         | -18.0                 | -5.1                   | -23.1      | -13.0       | -10.1       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

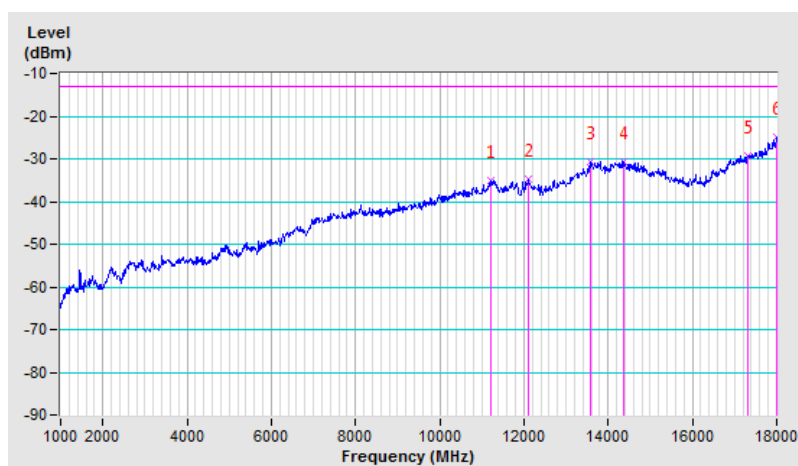


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                      |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 11387.00    | -65.5         | -36.7                 | 2.4                    | -34.3      | -13.0       | -21.3       |
| 2                                                   | 13631.00    | -65.5         | -32.6                 | 2.4                    | -30.2      | -13.0       | -17.2       |
| 3                                                   | 15008.00    | -65.6         | -34.9                 | 3.2                    | -31.7      | -13.0       | -18.7       |
| 4                                                   | 16861.00    | -65.8         | -33.7                 | 3.3                    | -30.4      | -13.0       | -17.4       |
| 5                                                   | 17405.00    | -65.5         | -29.7                 | 1.0                    | -28.7      | -13.0       | -15.7       |
| 6                                                   | 17813.00    | -65.3         | -24.5                 | -2.9                   | -27.4      | -13.0       | -14.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

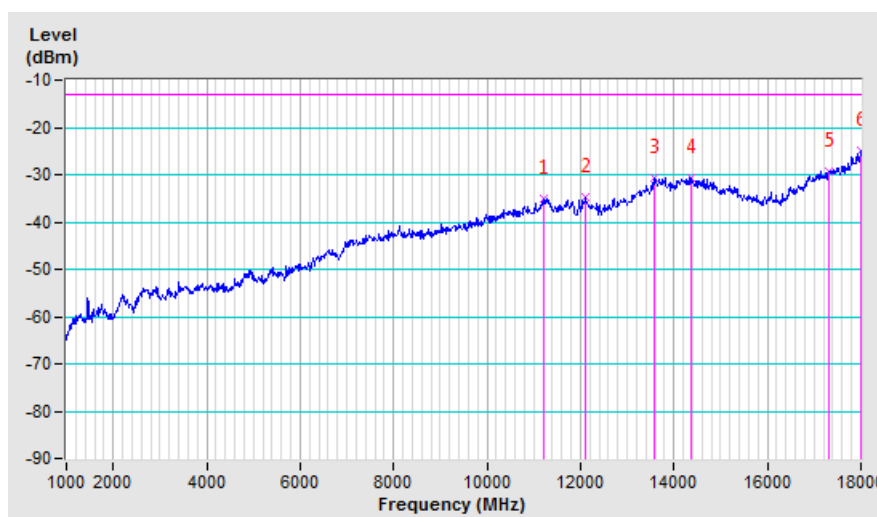


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low                      |
| Polarity        | Vertical     | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 11217.00    | -66.1         | -37.3                 | 2.2                    | -35.1      | -13.0       | -22.1       |
| 2                                                 | 12118.00    | -65.3         | -38.4                 | 3.7                    | -34.7      | -13.0       | -21.7       |
| 3                                                 | 13563.00    | -65.4         | -33.1                 | 2.5                    | -30.6      | -13.0       | -17.6       |
| 4                                                 | 14379.00    | -66.6         | -32.2                 | 1.5                    | -30.7      | -13.0       | -17.7       |
| 5                                                 | 17320.00    | -66.3         | -30.8                 | 1.5                    | -29.3      | -13.0       | -16.3       |
| 6                                                 | 17983.00    | -65.0         | -20.1                 | -4.9                   | -25.0      | -13.0       | -12.0       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

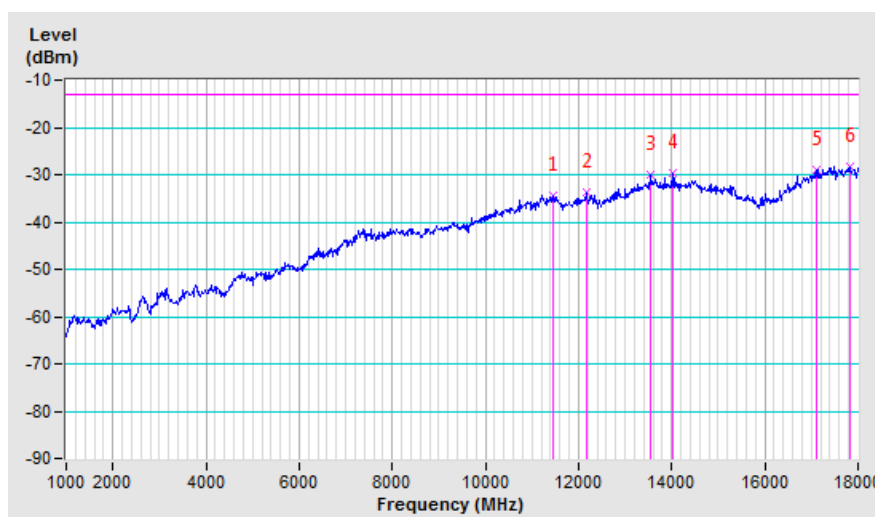


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle                   |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 11455.00    | -65.7         | -36.8                 | 2.4                    | -34.4      | -13.0       | -21.4       |
| 2                                                   | 12169.00    | -65.2         | -37.3                 | 3.7                    | -33.6      | -13.0       | -20.6       |
| 3                                                   | 13546.00    | -65.3         | -32.7                 | 2.6                    | -30.1      | -13.0       | -17.1       |
| 4                                                   | 14022.00    | -64.5         | -31.2                 | 1.6                    | -29.6      | -13.0       | -16.6       |
| 5                                                   | 17116.00    | -65.0         | -31.0                 | 2.0                    | -29.0      | -13.0       | -16.0       |
| 6                                                   | 17813.00    | -66.3         | -25.5                 | -2.9                   | -28.4      | -13.0       | -15.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

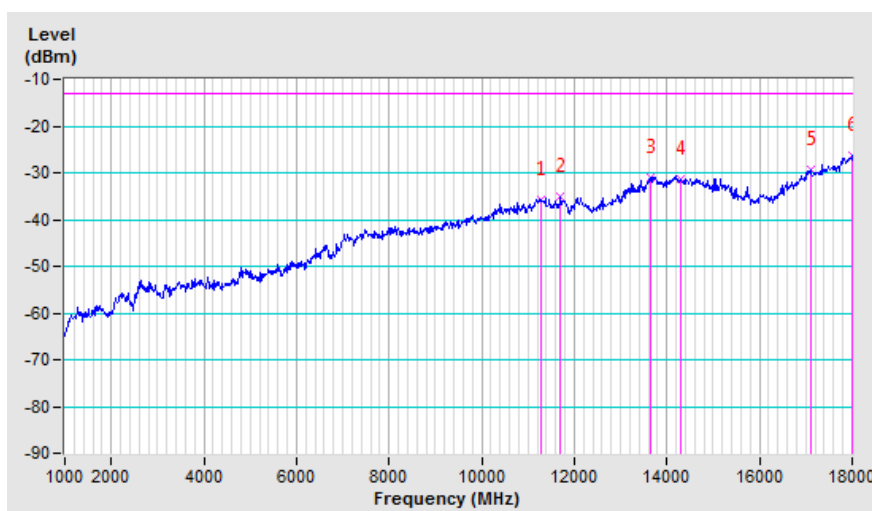


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle                   |
| Polarity        | Vertical     | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 11285.00    | -66.8         | -37.9                 | 2.2                    | -35.7      | -13.0       | -22.7       |
| 2                                                 | 11710.00    | -66.0         | -37.9                 | 2.8                    | -35.1      | -13.0       | -22.1       |
| 3                                                 | 13631.00    | -66.5         | -33.4                 | 2.4                    | -31.0      | -13.0       | -18.0       |
| 4                                                 | 14311.00    | -67.2         | -32.7                 | 1.4                    | -31.3      | -13.0       | -18.3       |
| 5                                                 | 17099.00    | -65.5         | -31.3                 | 2.1                    | -29.2      | -13.0       | -16.2       |
| 6                                                 | 18000.00    | -66.6         | -21.3                 | -5.1                   | -26.4      | -13.0       | -13.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

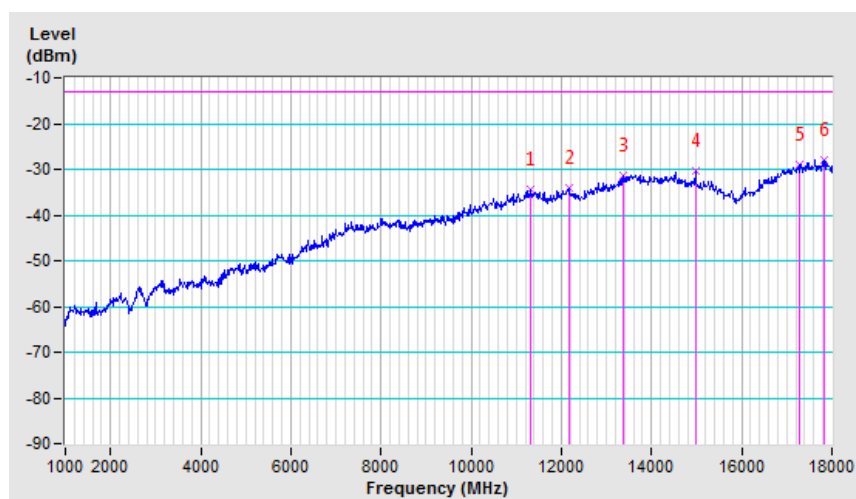


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                     |
| Polarity        | Horizontal   | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 11319.00    | -65.3         | -36.5                 | 2.2                    | -34.3      | -13.0       | -21.3       |
| 2                                                   | 12169.00    | -65.5         | -37.6                 | 3.7                    | -33.9      | -13.0       | -20.9       |
| 3                                                   | 13376.00    | -66.0         | -34.1                 | 2.8                    | -31.3      | -13.0       | -18.3       |
| 4                                                   | 14974.00    | -64.1         | -33.3                 | 3.1                    | -30.2      | -13.0       | -17.2       |
| 5                                                   | 17269.00    | -65.7         | -30.6                 | 1.6                    | -29.0      | -13.0       | -16.0       |
| 6                                                   | 17813.00    | -65.7         | -24.9                 | -2.9                   | -27.8      | -13.0       | -14.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



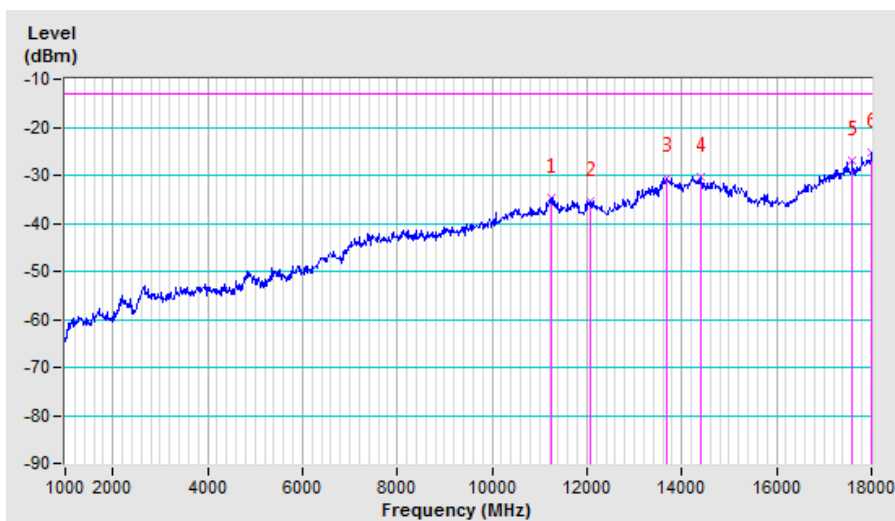


|                 |              |           |                          |
|-----------------|--------------|-----------|--------------------------|
| Band            | n261         | Test Mode | B                        |
| Frequency Range | 1GHz ~18 GHz | Channel   | High                     |
| Polarity        | Vertical     | Beam ID   | 1(Horizontal + Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 11251.00    | -65.7         | -37.0                 | 2.3                    | -34.7      | -13.0       | -21.7       |
| 2                                                 | 12084.00    | -65.9         | -39.0                 | 3.7                    | -35.3      | -13.0       | -22.3       |
| 3                                                 | 13682.00    | -66.1         | -32.9                 | 2.4                    | -30.5      | -13.0       | -17.5       |
| 4                                                 | 14396.00    | -66.3         | -31.9                 | 1.5                    | -30.4      | -13.0       | -17.4       |
| 5                                                 | 17592.00    | -65.0         | -26.7                 | -0.4                   | -27.1      | -13.0       | -14.1       |
| 6                                                 | 18000.00    | -65.6         | -20.3                 | -5.1                   | -25.4      | -13.0       | -12.4       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

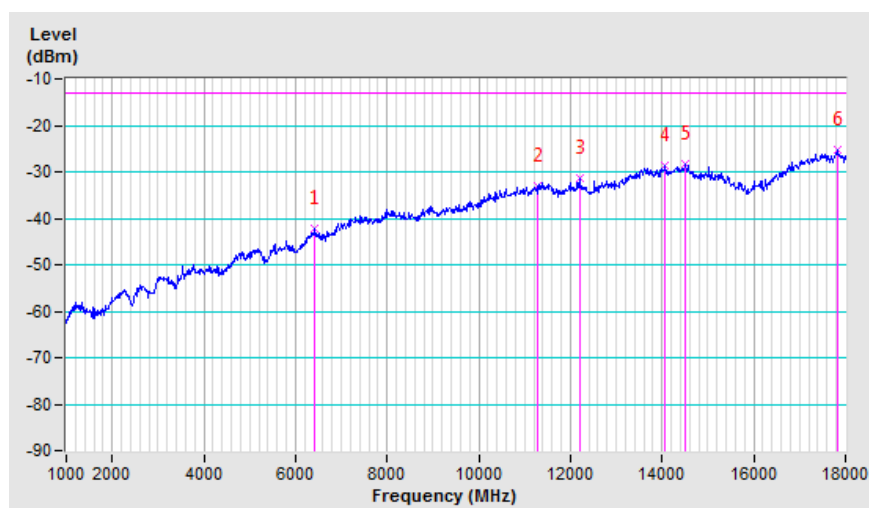


|                 |              |           |                |
|-----------------|--------------|-----------|----------------|
| Band            | n261         | Test Mode | B              |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low            |
| Polarity        | Horizontal   | Beam ID   | 10(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 6423.00     | -64.0         | -47.7                 | 5.6                    | -42.1      | -13.0       | -29.1       |
| 2                                                   | 11285.00    | -63.9         | -35.1                 | 2.2                    | -32.9      | -13.0       | -19.9       |
| 3                                                   | 12203.00    | -63.1         | -35.3                 | 3.8                    | -31.5      | -13.0       | -18.5       |
| 4                                                   | 14073.00    | -63.5         | -30.3                 | 1.6                    | -28.7      | -13.0       | -15.7       |
| 5                                                   | 14515.00    | -63.6         | -29.9                 | 1.5                    | -28.4      | -13.0       | -15.4       |
| 6                                                   | 17813.00    | -63.1         | -22.3                 | -2.9                   | -25.2      | -13.0       | -12.2       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

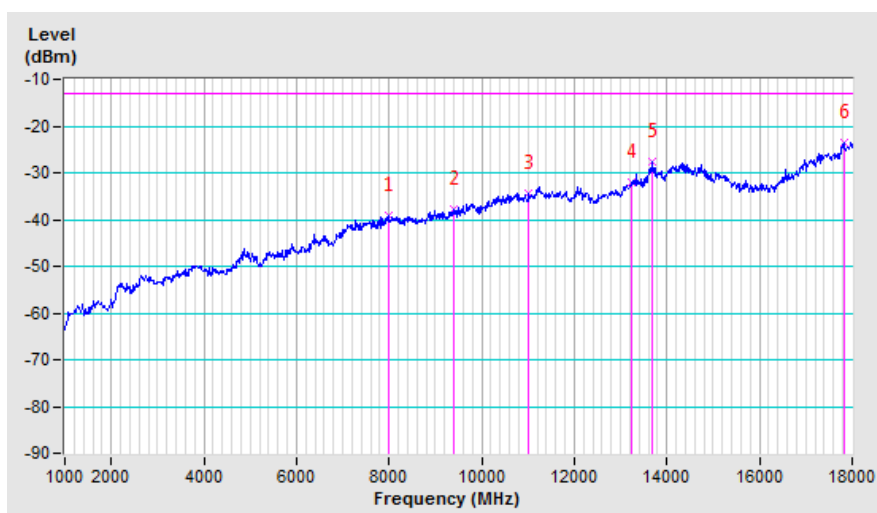


|                 |              |           |              |
|-----------------|--------------|-----------|--------------|
| Band            | n261         | Test Mode | B            |
| Frequency Range | 1GHz ~18 GHz | Channel   | Low          |
| Polarity        | Vertical     | Beam ID   | 10(Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 7987.00     | -64.1         | -43.3                 | 4.0                    | -39.3      | -13.0       | -26.3       |
| 2                                                 | 9381.00     | -64.0         | -41.9                 | 4.1                    | -37.8      | -13.0       | -24.8       |
| 3                                                 | 11013.00    | -63.9         | -36.6                 | 2.1                    | -34.5      | -13.0       | -21.5       |
| 4                                                 | 13223.00    | -65.0         | -35.0                 | 3.1                    | -31.9      | -13.0       | -18.9       |
| 5                                                 | 13665.00    | -63.3         | -30.1                 | 2.4                    | -27.7      | -13.0       | -14.7       |
| 6                                                 | 17813.00    | -63.3         | -20.8                 | -2.9                   | -23.7      | -13.0       | -10.7       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

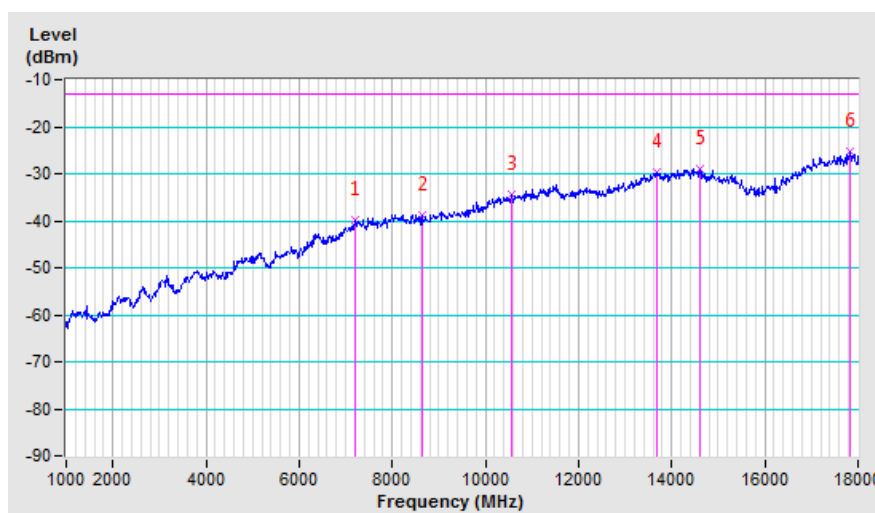


|                 |              |           |                |
|-----------------|--------------|-----------|----------------|
| Band            | n261         | Test Mode | B              |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle         |
| Polarity        | Horizontal   | Beam ID   | 10(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 7188.00     | -63.9         | -44.2                 | 4.5                    | -39.7      | -13.0       | -26.7       |
| 2                                                   | 8633.00     | -63.7         | -43.6                 | 4.8                    | -38.8      | -13.0       | -25.8       |
| 3                                                   | 10571.00    | -64.2         | -37.2                 | 2.7                    | -34.5      | -13.0       | -21.5       |
| 4                                                   | 13665.00    | -64.8         | -32.1                 | 2.4                    | -29.7      | -13.0       | -16.7       |
| 5                                                   | 14600.00    | -63.7         | -30.8                 | 1.7                    | -29.1      | -13.0       | -16.1       |
| 6                                                   | 17830.00    | -63.1         | -22.2                 | -3.1                   | -25.3      | -13.0       | -12.3       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

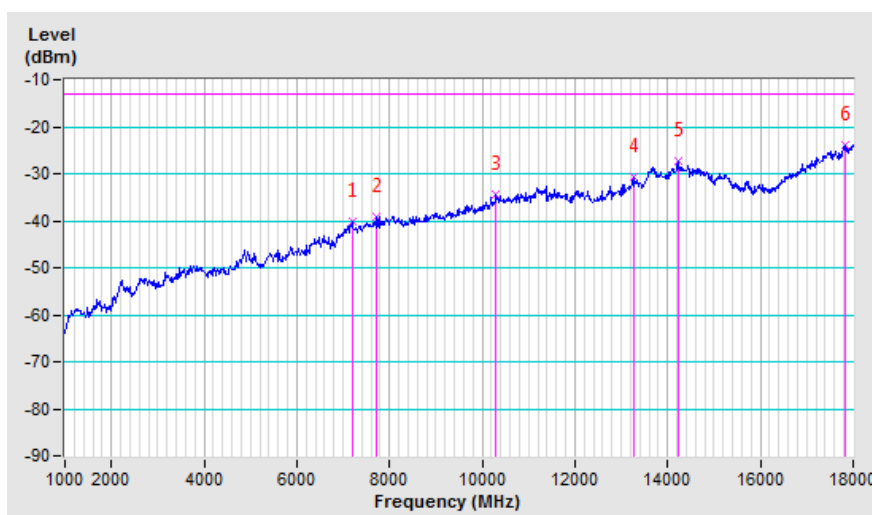


|                 |              |           |              |
|-----------------|--------------|-----------|--------------|
| Band            | n261         | Test Mode | B            |
| Frequency Range | 1GHz ~18 GHz | Channel   | Middle       |
| Polarity        | Vertical     | Beam ID   | 10(Vertical) |

| Antenna Polarity & Test Distance: Vertical at 3 M |             |               |                       |                        |            |             |             |
|---------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                               | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                 | 7188.00     | -63.4         | -44.6                 | 4.5                    | -40.1      | -13.0       | -27.1       |
| 2                                                 | 7732.00     | -63.2         | -43.3                 | 4.2                    | -39.1      | -13.0       | -26.1       |
| 3                                                 | 10299.00    | -63.5         | -37.5                 | 3.0                    | -34.5      | -13.0       | -21.5       |
| 4                                                 | 13257.00    | -64.0         | -33.7                 | 3.0                    | -30.7      | -13.0       | -17.7       |
| 5                                                 | 14226.00    | -63.1         | -28.7                 | 1.5                    | -27.2      | -13.0       | -14.2       |
| 6                                                 | 17813.00    | -63.4         | -20.9                 | -2.9                   | -23.8      | -13.0       | -10.8       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



|                 |              |           |                |
|-----------------|--------------|-----------|----------------|
| Band            | n261         | Test Mode | B              |
| Frequency Range | 1GHz ~18 GHz | Channel   | High           |
| Polarity        | Horizontal   | Beam ID   | 10(Horizontal) |

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |            |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 9347.00     | -63.4         | -41.1                 | 4.2                    | -36.9      | -13.0       | -23.9       |
| 2                                                   | 11234.00    | -62.8         | -33.9                 | 2.2                    | -31.7      | -13.0       | -18.7       |
| 3                                                   | 13189.00    | -64.3         | -34.1                 | 3.1                    | -31.0      | -13.0       | -18.0       |
| 4                                                   | 14583.00    | -63.0         | -29.9                 | 1.6                    | -28.3      | -13.0       | -15.3       |
| 5                                                   | 17490.00    | -62.6         | -26.3                 | 0.5                    | -25.8      | -13.0       | -12.8       |
| 6                                                   | 17813.00    | -63.4         | -22.6                 | -2.9                   | -25.5      | -13.0       | -12.5       |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

