



# FCC RADIO TEST REPORT

**FCC ID** : UZ7MC345B  
**Equipment** : Mobile Computer  
**Brand Name** : ZEBRA  
**Model Name** : MC345B  
**Applicant** : Zebra Technologies Corporation  
3 Overlook Point, Lincolnshire, IL 60069 USA  
**Manufacturer** : Zebra Technologies Corporation  
3 Overlook Point, Lincolnshire, IL 60069 USA  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), Part 90(S)

The product was received on Oct. 25, 2024 and testing was performed from Nov. 07, 2024 to Jan. 17, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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## History of this test report

| Report No. | Version | Description             | Issue Date    |
|------------|---------|-------------------------|---------------|
| FG4O2225C  | 01      | Initial issue of report | Feb. 13, 2025 |
|            |         |                         |               |
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|            |         |                         |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause                                                   | Test Items                                                        | Result (PASS/FAIL) | Remark |
|---------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------|--------|
| 3.2           | §2.1046                                                           | Conducted Output Power                                            | Pass               | -      |
|               | §22.913 (a)(5)<br>§90.635                                         | Effective Radiated Power (n5) (n26)                               | Pass               |        |
|               | §27.50 (c)(10)                                                    | Effective Radiated Power (n12) (n71)                              |                    |        |
|               | §24.232 (c)<br>§27.50 (h)(2)                                      | Equivalent Isotropic Radiated Power (n2) (n7) (n38) (n41)         |                    |        |
|               | §27.50 (d)(4)                                                     | Equivalent Isotropic Radiated Power (n66)                         |                    |        |
|               | §27.50 (j)(3)                                                     | Equivalent Isotropic Radiated Power (n77) (n78)                   |                    |        |
|               | §27.50 (k)(3)                                                     | Equivalent Isotropic Radiated Power (n77) (n78)                   |                    |        |
| 3.3           | §24.232 (d)<br>§27.50 (d)(5)<br>§27.50 (j)(4)<br>§27.50 (k)(4)    | Peak-to-Average Ratio                                             | Pass               | -      |
| 3.4           | §2.1049                                                           | Occupied Bandwidth                                                | Pass               | -      |
| 3.5           | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (g)<br>§27.53 (h) | Conducted Band Edge Measurement (n2) (n5) (n12) (n26) (n66) (n71) | Pass               | -      |
|               | §2.1051<br>§27.53 (m)(4)                                          | Conducted Band Edge Measurement (n7) (n38) (n41)                  |                    |        |
|               | §2.1051<br>§27.53 (l)(2)                                          | Conducted Band Edge Measurement (n77) (n78)                       |                    |        |
|               | §2.1051<br>§27.53 (n)(2)                                          | Conducted Band Edge Measurement (n77) (n78)                       |                    |        |
| 3.6           | §2.1051<br>§90.691                                                | Emission masks (n26)                                              | Pass               | -      |



| Report Clause | Ref Std. Clause                                                              | Test Items                                                          | Result (PASS/FAIL) | Remark                                        |
|---------------|------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------|-----------------------------------------------|
| 3.7           | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (g)<br>§27.53 (h)<br>§90.691 | Conducted Spurious Emission<br>(n2) (n5) (n12)<br>(n26) (n66) (n71) | Pass               | -                                             |
|               | §2.1051<br>§27.53 (m)(4)                                                     | Conducted Spurious Emission<br>(n7) (n38) (n41)                     |                    |                                               |
|               | §2.1051<br>§27.53 (l)(2)                                                     | Conducted Spurious Emission<br>(n77) (n78)                          |                    |                                               |
|               | §2.1051<br>§27.53 (n)(2)                                                     | Conducted Spurious Emission<br>(n77) (n78)                          |                    |                                               |
| 3.8           | §2.1055<br>§22.355<br>§24.235<br>§27.54<br>§90.213                           | Frequency Stability<br>Temperature & Voltage                        | Pass               | -                                             |
| 4.2           | §2.1053<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (g)<br>§27.53 (h)<br>§90.691 | Radiated Spurious Emission<br>(n2) (n5) (n12)<br>(n26) (n66) (n71)  | Pass               | 13.27 dB<br>under the limit at<br>5183.00 MHz |
|               | §2.1051<br>§27.53 (m)(4)                                                     | Radiated Spurious Emission<br>(n7) (n38) (n41)                      |                    |                                               |
|               | §2.1051<br>§27.53 (l)(2)                                                     | Radiated Spurious Emission<br>(n77) (n78)                           |                    |                                               |
|               | §2.1053<br>§27.53 (n)(2)                                                     | Radiated Spurious Emission<br>(n77) (n78)                           |                    |                                               |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Keven Cheng****Report Producer: Michelle Chen**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Mobile Computer                                                                                                                                          |
| Brand Name                      | ZEBRA                                                                                                                                                    |
| Model Name                      | MC345B                                                                                                                                                   |
| FCC ID                          | UZ7MC345B                                                                                                                                                |
| Sample 1                        | SKU 12 (Brick+SE5800+29 Keypad)                                                                                                                          |
| Sample 2                        | SKU 4 (Brick+SE5500+47 Keypad)                                                                                                                           |
| Sample 3                        | SKU 1 (Gun+SE4770+38 Keypad)                                                                                                                             |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/NFC/GNSS<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>Bluetooth BR/EDR/LE |
| HW Version                      | EV                                                                                                                                                       |
| SW Version                      | 14-10-10.00-UG-U00-PRD-NEM-04                                                                                                                            |
| MFD                             | 14SEP24                                                                                                                                                  |
| EUT Stage                       | Identical Prototype                                                                                                                                      |

**Remark:** The above EUT's information was declared by manufacturer.

| Stage              | MC34 WWAN SKU list |         |         |           |           |           |           |
|--------------------|--------------------|---------|---------|-----------|-----------|-----------|-----------|
| Configuration      | SKU1               | SKU2    | SKU4    | SKU5      | SKU7      | SKU8      | SKU12     |
| WW/WL              | WWAN               | WWAN    | WWAN    | WWAN      | WWAN      | WWAN      | WWAN      |
| Form Factor        | FA                 | FA      | FA      | FA        | FA        | FA        | FA        |
| SKU                | Prem               | Prem    | Prem    | Prem+     | Prem+     | Prem+     | Prem+     |
| Brick / Gun        | Gun                | Gun     | Brick   | Gun       | Gun       | Brick     | Brick     |
| DDR size           | 6GB                | 6GB     | 6GB     | 6GB       | 6GB       | 6GB       | 6GB       |
| UFS size           | 64GB               | 64GB    | 64GB    | 128GB     | 128GB     | 128GB     | 128GB     |
| Scan engine        | SE4770             | SE5800  | SE5500  | SE5500    | SE5800    | SE5800    | SE5800    |
| FF Camera          | None               | None    | None    | 5MP (PN)  | 5MP (PN)  | 5MP (PN)  | 5MP (PN)  |
| RF Camera          |                    |         |         | 13MP (PN) | 13MP (PN) | 13MP (PN) | 13MP (PN) |
| Keypad             | 38                 | 38      | 47      | 38        | 47        | 38        | 29        |
| Battery            | 7000mAh            | 7000mAh | 7000mAh | 7000mAh   | 7000mAh   | 7000mAh   | 7000mAh   |
| Region (ROW or NA) | RW                 | RW      | RW      | RW        | RW        | RW        | RW        |



| Specification of Accessories                    |            |       |              |                     |
|-------------------------------------------------|------------|-------|--------------|---------------------|
| Adapter 1 USB Wall Charger                      | Brand Name | Zebra | Model Number | PWR-WUA5V12W0US     |
| Battery 1<br>Standard Battery (7000mAh)         | Brand Name | Zebra | Model Number | BT-000375           |
|                                                 |            |       | Manufacturer | TWS                 |
| Battery 2<br>Standard Battery (7000mAh)         | Brand Name | Zebra | Model Number | BT-000375           |
|                                                 |            |       | Manufacturer | Inventus            |
| Battery 3<br>BLE Battery (7000mAh)              | Brand Name | Zebra | Model Number | BT-000444           |
| Battery 4<br>BLE Battery (7000mAh)              | Brand Name | Zebra | Model Number | BT-000375B          |
| Type C USB Cable                                | Brand Name | Zebra | Model Number | CBL-TC5X-USBC2A-01  |
| USB Cable Cup                                   | Brand Name | Zebra | Model Number | CBL-MC33-USBCCHG-01 |
| Soft Holster for Gun Type                       | Brand Name | Zebra | Model Number | SG-MC3021212-01R    |
| Soft Holster for Brick Type                     | Brand Name | Zebra | Model Number | SG-MC3X-SHLSTB-01   |
| USB-C PTT Headset                               | Brand Name | Zebra | Model Number | HDST-USBC-PTT1-01   |
| USB-C to 3.5mm adapter                          | Brand Name | Zebra | Model Number | ADP-USBC-35MM1-01   |
| 3.5mm To Quick Disconnect<br>(QD) Adapter Cable | Brand Name | Zebra | Model Number | ADP-35M-QDCBL1-01   |
| 3.5mm PTT Headset                               | Brand Name | Zebra | Model Number | HDST-35MM-PTT1-01   |
| 3.5mm PTT HS2100 Headset                        | Brand Name | Zebra | Model Number | HS2100              |
| Quick Disconnect (QD) Cable                     | Brand Name | Zebra | Model Number | CBL-HS2100-QDC1-01  |

| Supported Unit Used in Test Configuration and System |            |       |              |        |
|------------------------------------------------------|------------|-------|--------------|--------|
| Bluetooth Headset                                    | Brand Name | Zebra | Model Number | HS3100 |



| Support band and evaluated information |                                                                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supported band</b>                  | n2, n5, n7, n12, n26, n38, n41, n66, n71, n77, n78                                                                                                     |
| <b>Evaluated and Tested band</b>       | N2, n5, n7, n12, n26, n41, n66, n71 ,n77                                                                                                               |
| <b>Band covered information</b>        | Wider operating frequency band range covers narrower one when the power is worse as follows:<br>■ n77 cover n78 (Part 27)<br>■ n41 cover n38 (Part 27) |

| FDD/TDD band Power Class |          |          |          |          |
|--------------------------|----------|----------|----------|----------|
|                          | SISO PC3 | SISO PC2 | MIMO PC3 | MIMO PC2 |
| <b>N2</b>                | V        |          |          |          |
| <b>N5</b>                | V        |          |          |          |
| <b>N7</b>                | V        |          |          |          |
| <b>N12</b>               | V        |          |          |          |
| <b>N26</b>               | V        |          |          |          |
| <b>N38</b>               | V        |          |          |          |
| <b>N41</b>               | V        | V        |          |          |
| <b>N66</b>               | V        |          |          |          |
| <b>N71</b>               | V        |          |          |          |
| <b>N77</b>               | V        | V        | V        | V        |
| <b>N78</b>               | V        | V        | V        | V        |



## 1.2 Product Specification of Equipment Under Test

| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tx Frequency</b>                               | 5G NR n2: 1850 MHz ~ 1910 MHz<br>5G NR n5: 824 MHz ~ 849 MHz<br>5G NR n7: 2500 MHz ~ 2570 MHz<br>5G NR n12: 699 MHz ~ 716 MHz<br>5G NR n25: 1850 MHz ~ 1915 MHz<br>5G NR n26: 814 MHz ~ 849 MHz<br>5G NR n38: 2570 MHz ~ 2620 MHz<br>5G NR n41: 2496 MHz ~ 2690 MHz<br>5G NR n66: 1710 MHz ~ 1780 MHz<br>5G NR n71: 663 MHz ~ 698 MHz<br>5G NR n77: 3300 MHz ~ 4200MHz<br>5G NR n78: 3300 MHz ~ 3800 MHz |
| <b>Rx Frequency</b>                               | 5G NR n2: 1930 MHz ~ 1990 MHz<br>5G NR n5: 869 MHz ~ 894 MHz<br>5G NR n7: 2620 MHz ~ 2690 MHz<br>5G NR n12: 729 MHz ~ 746 MHz<br>5G NR n26: 859 MHz ~ 894 MHz<br>5G NR n38: 2570 MHz ~ 2620 MHz<br>5G NR n41: 2496 MHz ~ 2690 MHz<br>5G NR n66: 2110 MHz ~ 2200 MHz<br>5G NR n71: 617 MHz ~ 652 MHz<br>5G NR n77: 3300 MHz ~ 4200MHz<br>5G NR n78: 3300 MHz ~ 3800 MHz                                   |



| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Bandwidth</b>                                  | 5G NR n2: 5MHz / 10MHz / 15MHz / 20MHz<br>5G NR n5: 5MHz / 10MHz / 15MHz / 20MHz<br>5G NR n7: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz<br>5G NR n12: 5MHz / 10MHz / 15MHz<br>5G NR n26: 5MHz / 10MHz / 15MHz / 20MHz<br>5G NR n38: 20MHz / 30MHz / 40MHz<br>5G NR n41: 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz<br>5G NR n66: 5MHz / 10MHz / 15MHz / 20MHz<br>5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz<br>5G NR n77: 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz<br>5G NR n78: 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz                                                                                |
| <b>Maximum Output Power to Antenna</b>            | <b>&lt;SISO Mode&gt;</b><br>5G NR n2 : 24.18 dBm<br>5G NR n5 : 24.10 dBm<br>5G NR n7 : 25.48 dBm<br>5G NR n12 : 23.89 dBm<br>5G NR n26 : 23.95 dBm (Part22H)<br>5G NR n26 : 24.29 dBm (Part90S)<br>5G NR n38 : 25.18 dBm<br>5G NR n41 : 27.07 dBm for HPUE<br>5G NR n66 : 24.26 dBm<br>5G NR n71 : 23.98 dBm<br>5G NR n77 : 26.94 dBm for HPUE (Part27O)<br>5G NR n77 : 26.93 dBm for HPUE (Part27Q)<br>5G NR n78 : 25.69 dBm for HPUE (Part27O)<br>5G NR n78 : 26.90 dBm for HPUE (Part27Q)<br><b>&lt;MIMO Mode&gt;</b><br>5G NR n77 : 25.54 dBm for HPUE (Part27O)<br>5G NR n77 : 25.58 dBm for HPUE (Part27Q)<br>5G NR n78 : 25.27 dBm for HPUE (Part27O)<br>5G NR n78 : 25.32 dBm for HPUE (Part27Q) |



| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Type / Antenna Gain                       | <p><b>Main Antenna:</b><br/>&lt;Ant. 1&gt;: PIFA Antenna<br/>5G NR n2: -0.02 dBi<br/>5G NR n5: -0.78 dBi<br/>5G NR n7: -0.66 dBi<br/>5G NR n12: -0.51 dBi<br/>5G NR n26: -0.78 dBi<br/>5G NR n66: -0.08 dBi<br/>5G NR n71: -0.11 dBi<br/>&lt;Ant. 5&gt;: PIFA Antenna<br/>5G NR n38: -0.66 dBi<br/>5G NR n41: -0.16 dBi<br/>&lt;Ant. 8&gt;: PIFA Antenna<br/>5G NR n77: -1.56 dBi (Part27O)<br/>5G NR n77: -1.04 dBi (Part27Q)<br/>5G NR n78: -1.56 dBi (Part27O)<br/>5G NR n78: -1.04 dBi (Part27Q)<br/>&lt;Ant. 9&gt;: PIFA Antenna<br/>5G NR n77: -1.82 dBi (Part27O)<br/>5G NR n77: -1.41 dBi (Part27Q)<br/>5G NR n78: -1.82 dBi (Part27O)<br/>5G NR n78: -1.41 dBi (Part27Q)<br/><b>SRS Antenna:</b><br/>&lt;Ant. 2&gt;: PIFA Antenna<br/>5G NR n41: -1.93 dBi<br/>&lt;Ant. 3&gt;: PIFA Antenna<br/>5G NR n41: -1.61 dBi<br/>5G NR n77: -2.08 dBi (Part27O)<br/>5G NR n77: -1.90 dBi (Part27Q)<br/>5G NR n78: -2.08 dBi (Part27O)<br/>5G NR n78: -1.90 dBi (Part27Q)<br/>&lt;Ant. 4&gt;: PIFA Antenna<br/>5G NR n41: -1.33 dBi<br/>5G NR n77: -2.55 dBi (Part27O)<br/>5G NR n77: -2.01 dBi (Part27Q)<br/>5G NR n78: -2.55 dBi (Part27O)<br/>5G NR n78: -2.01 dBi (Part27Q)</p> |
| Type of Modulation                                | PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

### 1.3 Modification of EUT

No modifications made to the EUT during the testing.



## 1.4 Testing Location

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Test Site             | Sporton International Inc. EMC & Wireless Communications Laboratory                                                    |
| Test Site Location    | No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |
| Test Site No.         | <b>Sporton Site No.</b><br>TH03-HY                                                                                     |
| Test Engineer         | George Chen                                                                                                            |
| Temperature (°C)      | 21.3~24.0                                                                                                              |
| Relative Humidity (%) | 52.0~58.0                                                                                                              |

|                       |                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site             | Sporton International Inc. Wensan Laboratory                                                                                                     |
| Test Site Location    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| Test Site No.         | <b>Sporton Site No.</b><br>03CH21-HY (TAF Code: 3786)                                                                                            |
| Test Engineer         | Fred Tseng, Ray Lung and Sky Chang                                                                                                               |
| Temperature (°C)      | 18~26                                                                                                                                            |
| Relative Humidity (%) | 50~70                                                                                                                                            |
| Remark                | The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.                                          |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

## 1.5 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.



## **2 Test Configuration of Equipment Under Test**

### **2.1 Test Mode**

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

| Modulation Type | Modulation           | Modulation Type | Modulation     |
|-----------------|----------------------|-----------------|----------------|
| A               | DFT-s-OFDM pi/2 BPSK | N/A             | N/A            |
| B               | DFT-s-OFDM QPSK      | F               | CP-OFDM QPSK   |
| C               | DFT-s-OFDM 16QAM     | G               | CP-OFDM 16QAM  |
| D               | DFT-s-OFDM 64QAM     | H               | CP-OFDM 64QAM  |
| E               | DFT-s-OFDM 256QAM    | I               | CP-OFDM 256QAM |

**<SISO Mode>**

| Test Item              | Modulation Type  | Bandwidth       | RB Size                 | Channel |
|------------------------|------------------|-----------------|-------------------------|---------|
| Conducted Power        | A, B, C, D, E    | All             | 1, Half, Full           | L, M, H |
| EIRP                   | A, B, C, D, E    | All             | 1, Half, Full           | L, M, H |
| PAR                    | A, B, C, D, E    | 20 MHz or less  | Outer_Full              | M       |
| Bandwidth              | A, F, G, H, I    | All             | Outer_Full              | M       |
| CBE,<br>Mask (Part 90) | A, B, C, D, E, F | All             | Outer_1RB<br>Outer_Full | L, H    |
| CSE                    | B                | Minimum         | Inner_1RB               | L, M, H |
| Frequency Stability    | A                | 20 MHz or less  | Outer_Full              | M       |
| RSE                    | A                | Maximum or less | Inner_1RB               | L, M, H |

**Remark:**

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. All the radiated test cases were performed with Battery 1 Standard Battery (7000mAh) and Sample 1.
4. One representative bandwidth is selected to perform PAR and frequency stability.
5. Device 5G NR support SA &NSA Mode, are verified and the worst case is SA mode. Therefore, the report only performed SA test results.
6. For 5G NR N41 support Antenna 5 (Main Ant.) and Antenna 2&3&4 (SRS Ant.). Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 5. Therefore, the report only performed Antenna 5 test results.
7. For 5G NR N77/78 support Antenna 8 (Main Ant.) and Antenna 3&4&9 (SRS Ant.);Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 8 Therefore, the report only performed Antenna 8 test results.

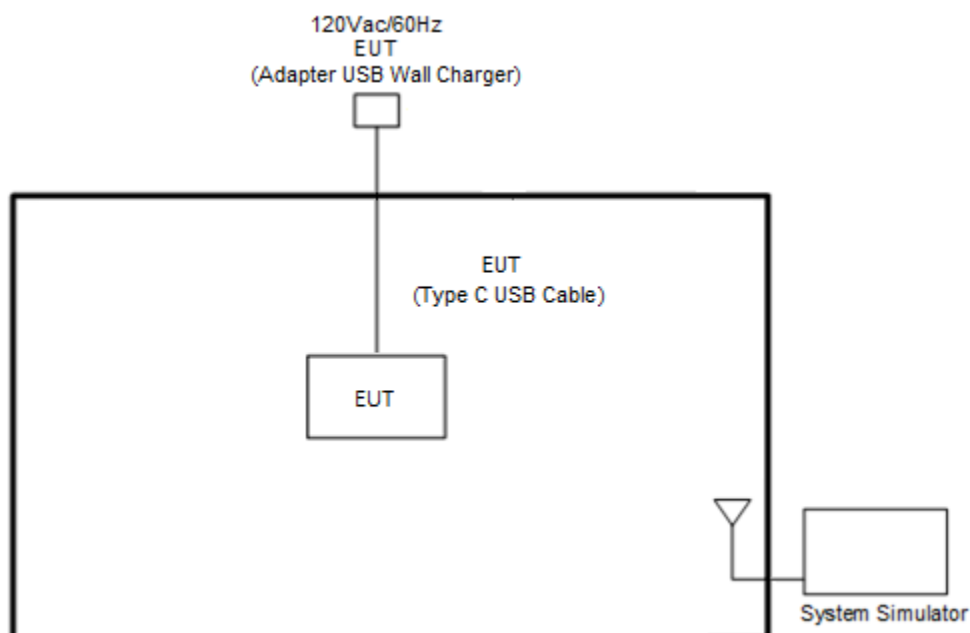
**<MIMO Mode>**

| Test Item           | Modulation Type | Bandwidth      | RB Size                 | Channel |
|---------------------|-----------------|----------------|-------------------------|---------|
| Conducted Power     | F,G,H,I         | All            | 1, Half, Full           | L, M, H |
| EIRP                | F,G,H,I         | All            | 1, Half, Full           | L, M, H |
| PAR                 | F,G,H,I         | 20 MHz         | Outer_Full              | M       |
| Bandwidth           | F,G,H,I         | All            | Outer_Full              | M       |
| CBE,                | F,G,H,I         | All            | Outer_1RB<br>Outer_Full | L, H    |
| CSE                 | F               | 10 MHz         | Inner_1RB               | L, M, H |
| Frequency Stability | F               | 20 MHz         | Outer_Full              | M       |
| RSE                 | F               | 90 MHz&100 MHz | Inner_1RB               | L, M, H |

**Remark:**

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. All the radiated test cases were performed with Battery 1 Standard Battery (7000mAh) and Sample 1.
4. One representative bandwidth is selected to perform PAR and frequency stability.
5. Device 5G NR support SA &NSA Mode, are verified and the worst case is SA mode. Therefore, the report only performed SA test results.

## 2.2 Connection Diagram of Test System





## 2.3 Support Unit used in test configuration and system

| Item | Equipment                 | Brand Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|---------------------------|------------|-----------|--------|------------|-------------------|
| 1.   | System Simulator          | Anritsu    | MT8821C   | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | 5G Wireless Test Platform | Anritsu    | MT8000A   | N/A    | N/A        | Unshielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

*Offset(dB) = RF cable loss(dB) + attenuator factor(dB).*

*= 4.2 + 10 = 14.2 (dB)*



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

| 5G NR n2 Channel and Frequency List |                        |        |        |         |
|-------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                            | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                  | Channel                | 372000 | 376000 | 380000  |
|                                     | Frequency              | 1860   | 1880   | 1900    |
| 15                                  | Channel                | 371500 | 376000 | 380500  |
|                                     | Frequency              | 1857.5 | 1880   | 1902.5  |
| 10                                  | Channel                | 371000 | 376000 | 381000  |
|                                     | Frequency              | 1855   | 1880   | 1905    |
| 5                                   | Channel                | 370500 | 376000 | 381500  |
|                                     | Frequency              | 1852.5 | 1880   | 1907.5  |

| 5G NR n5 Channel and Frequency List |                        |        |        |         |
|-------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                            | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                  | Channel                | 166800 | 167300 | 167800  |
|                                     | Frequency              | 834    | 836.5  | 839     |
| 15                                  | Channel                | 166300 | 167300 | 168300  |
|                                     | Frequency              | 831.5  | 836.5  | 841.5   |
| 10                                  | Channel                | 165800 | 167300 | 168800  |
|                                     | Frequency              | 829    | 836.5  | 844     |
| 5                                   | Channel                | 165300 | 167300 | 169300  |
|                                     | Frequency              | 826.5  | 836.5  | 846.5   |

| 5G NR n7 Channel and Frequency List |                        |        |        |         |
|-------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                            | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 40                                  | Channel                | 504000 | 507000 | 510000  |
|                                     | Frequency              | 2520   | 2535   | 2550    |
| 30                                  | Channel                | 503000 | 507000 | 511000  |
|                                     | Frequency              | 2515   | 2535   | 2555    |
| 25                                  | Channel                | 502500 | 507000 | 511500  |
|                                     | Frequency              | 2512.5 | 2535   | 2557.5  |
| 20                                  | Channel                | 502000 | 507000 | 512000  |
|                                     | Frequency              | 2510   | 2535   | 2560    |
| 15                                  | Channel                | 501500 | 507000 | 512500  |
|                                     | Frequency              | 2507.5 | 2535   | 2562.5  |
| 10                                  | Channel                | 501000 | 507000 | 513000  |
|                                     | Frequency              | 2505   | 2535   | 2565    |
| 5                                   | Channel                | 500500 | 507000 | 513500  |
|                                     | Frequency              | 2502.5 | 2535   | 2567.5  |

| 5G NR n12 Channel and Frequency List |                        |        |        |         |
|--------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 15                                   | Channel                | 141300 | 141500 | 141700  |
|                                      | Frequency              | 706.5  | 707.5  | 708.5   |
| 10                                   | Channel                | 140800 | 141500 | 142200  |
|                                      | Frequency              | 704    | 707.5  | 711     |
| 5                                    | Channel                | 140300 | 141500 | 142700  |
|                                      | Frequency              | 701.5  | 707.5  | 713.5   |



| 5G NR n26 Channel and Frequency List (Part22H) |                        |        |        |         |
|------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                       | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                             | Channel                | 166800 | 167300 | 167800  |
|                                                | Frequency              | 834    | 836.5  | 839     |
| 15                                             | Channel                | 166300 | 167300 | 168300  |
|                                                | Frequency              | 831.5  | 836.5  | 841.5   |
| 10                                             | Channel                | 165800 | 167300 | 168800  |
|                                                | Frequency              | 829    | 836.5  | 844     |
| 5                                              | Channel                | 165300 | 167300 | 169300  |
|                                                | Frequency              | 826.5  | 836.5  | 846.5   |

| 5G NR n26 Channel and Frequency List (Part90S) |                        |        |        |         |
|------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                       | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                             | Channel                | -      | 163800 | -       |
|                                                | Frequency              | -      | 819    | -       |
| 5                                              | Channel                | 163300 | 163800 | 164300  |
|                                                | Frequency              | 816.5  | 819    | 821.5   |

| 5G NR n26 Straddle Channel and Frequency List (Part 90S) |                        |        |        |         |
|----------------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                                 | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                                       | Channel                | -      | 164800 | -       |
|                                                          | Frequency              | -      | 824    | -       |
| 15                                                       | Channel                | -      | 164800 | -       |
|                                                          | Frequency              | -      | 824    | -       |
| 10                                                       | Channel                | -      | 164800 | -       |
|                                                          | Frequency              | -      | 824    | -       |
| 5                                                        | Channel                | -      | 164800 | -       |
|                                                          | Frequency              | -      | 824    | -       |



| 5G NR n38 Channel and Frequency List |                        |        |        |         |
|--------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 40                                   | Channel                | 518000 | 519000 | 520000  |
|                                      | Frequency              | 2590   | 2595   | 2600    |
| 30                                   | Channel                | 517000 | 519000 | 521000  |
|                                      | Frequency              | 2585   | 2595   | 2605    |
| 20                                   | Channel                | 516000 | 519000 | 522000  |
|                                      | Frequency              | 2580   | 2595   | 2610    |
| 15                                   | Channel                | 515500 | 519000 | 522500  |
|                                      | Frequency              | 2577.5 | 2595   | 2612.5  |
| 10                                   | Channel                | 515000 | 519000 | 523000  |
|                                      | Frequency              | 2575   | 2595   | 2615    |

| 5G NR n41 Channel and Frequency List |                        |         |         |         |
|--------------------------------------|------------------------|---------|---------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest  | Middle  | Highest |
| 100                                  | Channel                | 509202  | 518598  | 528000  |
|                                      | Frequency              | 2546.01 | 2592.99 | 2640    |
| 90                                   | Channel                | 508200  | 518598  | 528996  |
|                                      | Frequency              | 2541    | 2592.99 | 2644.98 |
| 80                                   | Channel                | 507204  | 518598  | 529998  |
|                                      | Frequency              | 2536.02 | 2592.99 | 2649.99 |
| 60                                   | Channel                | 505200  | 518598  | 531996  |
|                                      | Frequency              | 2526    | 2592.99 | 2659.98 |
| 50                                   | Channel                | 504204  | 518598  | 532998  |
|                                      | Frequency              | 2521.02 | 2592.99 | 2664.99 |
| 40                                   | Channel                | 503202  | 518598  | 534000  |
|                                      | Frequency              | 2516.01 | 2592.99 | 2670    |
| 30                                   | Channel                | 502200  | 518598  | 534996  |
|                                      | Frequency              | 2511    | 2592.99 | 2674.98 |
| 20                                   | Channel                | 501204  | 518598  | 535998  |
|                                      | Frequency              | 2506.02 | 2592.99 | 2679.99 |
| 15                                   | Channel                | 500700  | 518598  | 536496  |
|                                      | Frequency              | 2503.5  | 2592.99 | 2682.48 |
| 10                                   | Channel                | 500202  | 518598  | 537000  |
|                                      | Frequency              | 2501.01 | 2592.99 | 2685    |



| 5G NR n66 Channel and Frequency List |                        |        |        |         |
|--------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 40                                   | Channel                | 346000 | 349000 | 352000  |
|                                      | Frequency              | 1730   | 1745   | 1760    |
| 30                                   | Channel                | 345000 | 349000 | 353000  |
|                                      | Frequency              | 1725   | 1745   | 1765    |
| 25                                   | Channel                | 344500 | 349000 | 353500  |
|                                      | Frequency              | 1722.5 | 1745   | 1767.5  |
| 20                                   | Channel                | 344000 | 349000 | 354000  |
|                                      | Frequency              | 1720   | 1745   | 1770    |
| 15                                   | Channel                | 343500 | 349000 | 354500  |
|                                      | Frequency              | 1717.5 | 1745   | 1772.5  |
| 10                                   | Channel                | 343000 | 349000 | 355000  |
|                                      | Frequency              | 1715   | 1745   | 1775    |
| 5                                    | Channel                | 342500 | 349000 | 355500  |
|                                      | Frequency              | 1712.5 | 1745   | 1777.5  |

| 5G NR n71 Channel and Frequency List |                        |        |        |         |
|--------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                   | Channel                | 134600 | 136100 | 137600  |
|                                      | Frequency              | 673    | 680.5  | 688     |
| 15                                   | Channel                | 134100 | 136100 | 138100  |
|                                      | Frequency              | 670.5  | 680.5  | 690.5   |
| 10                                   | Channel                | 133600 | 136100 | 138600  |
|                                      | Frequency              | 668    | 680.5  | 693     |
| 5                                    | Channel                | 133100 | 136100 | 139100  |
|                                      | Frequency              | 665.5  | 680.5  | 695.5   |



| 5G NR Band n77 (Part270) Channel and Frequency List |                        |         |        |         |
|-----------------------------------------------------|------------------------|---------|--------|---------|
| BW [MHz]                                            | Channel/Frequency(MHz) | Lowest  | Middle | Highest |
| 100                                                 | Channel                | 650000  | 656000 | 662000  |
|                                                     | Frequency              | 3750    | 3840   | 3930    |
| 90                                                  | Channel                | 649668  | 656000 | 662332  |
|                                                     | Frequency              | 3745.02 | 3840   | 3934.98 |
| 80                                                  | Channel                | 649334  | 656000 | 662666  |
|                                                     | Frequency              | 3740.01 | 3840   | 3939.99 |
| 70                                                  | Channel                | 649000  | 656000 | 663000  |
|                                                     | Frequency              | 3735    | 3840   | 3945    |
| 60                                                  | Channel                | 648668  | 656000 | 663332  |
|                                                     | Frequency              | 3730.02 | 3840   | 3949.98 |
| 50                                                  | Channel                | 648334  | 656000 | 663666  |
|                                                     | Frequency              | 3725.01 | 3840   | 3954.99 |
| 40                                                  | Channel                | 648000  | 656000 | 664000  |
|                                                     | Frequency              | 3720    | 3840   | 3960    |
| 30                                                  | Channel                | 647668  | 656000 | 664332  |
|                                                     | Frequency              | 3715.02 | 3840   | 3965    |
| 20                                                  | Channel                | 647334  | 656000 | 664666  |
|                                                     | Frequency              | 3710.01 | 3840   | 3969.99 |
| 15                                                  | Channel                | 647168  | 656000 | 664832  |
|                                                     | Frequency              | 3707.52 | 3840   | 3972.48 |
| 10                                                  | Channel                | 647000  | 656000 | 665000  |
|                                                     | Frequency              | 3705    | 3840   | 3975    |



| 5G NR n78 (Part27O) Channel and Frequency List |                        |         |        |         |
|------------------------------------------------|------------------------|---------|--------|---------|
| BW [MHz]                                       | Channel/Frequency(MHz) | Lowest  | Middle | Highest |
| 100                                            | Channel                | -       | 650000 | -       |
|                                                | Frequency              | -       | 3750   | -       |
| 90                                             | Channel                | 649668  | 650000 | 650332  |
|                                                | Frequency              | 3745.02 | 3750   | 3754.98 |
| 80                                             | Channel                | 649334  | 650000 | 650666  |
|                                                | Frequency              | 3740.01 | 3750   | 3759.99 |
| 70                                             | Channel                | 649000  | 650000 | 651000  |
|                                                | Frequency              | 3735    | 6750   | 3765    |
| 60                                             | Channel                | 648668  | 650000 | 651332  |
|                                                | Frequency              | 3730.02 | 3750   | 3769.98 |
| 50                                             | Channel                | 648334  | 650000 | 651666  |
|                                                | Frequency              | 3725.01 | 3750   | 3774.99 |
| 40                                             | Channel                | 648000  | 650000 | 652000  |
|                                                | Frequency              | 3720    | 3750   | 3780    |
| 30                                             | Channel                | 647668  | 650000 | 652332  |
|                                                | Frequency              | 3715.02 | 3750   | 3784.98 |
| 20                                             | Channel                | 647334  | 650000 | 652666  |
|                                                | Frequency              | 3710.01 | 3750   | 3789.99 |
| 15                                             | Channel                | 647168  | 650000 | 652832  |
|                                                | Frequency              | 3707.52 | 3750   | 3792.48 |
| 10                                             | Channel                | 647000  | 650000 | 653000  |
|                                                | Frequency              | 3705    | 3750   | 3795    |



| 5G NR Band n77 (Part27Q) Channel and Frequency List |                        |         |         |         |
|-----------------------------------------------------|------------------------|---------|---------|---------|
| BW [MHz]                                            | Channel/Frequency(MHz) | Lowest  | Middle  | Highest |
| 100                                                 | Channel                | -       | 633334  | -       |
|                                                     | Frequency              | -       | 3500.01 | -       |
| 90                                                  | Channel                | 633000  | 633334  | 633666  |
|                                                     | Frequency              | 3495    | 3500.01 | 3504.99 |
| 80                                                  | Channel                | 632668  | 633334  | 634000  |
|                                                     | Frequency              | 3490.02 | 3500.01 | 3510    |
| 70                                                  | Channel                | 632334  | 633334  | 634332  |
|                                                     | Frequency              | 3485.01 | 3500.01 | 3514.98 |
| 60                                                  | Channel                | 632000  | 633334  | 634666  |
|                                                     | Frequency              | 3480    | 3500.01 | 3519.99 |
| 50                                                  | Channel                | 631668  | 633334  | 635000  |
|                                                     | Frequency              | 3475.02 | 3500.01 | 3525    |
| 40                                                  | Channel                | 631334  | 633334  | 635332  |
|                                                     | Frequency              | 3470.01 | 3500.01 | 3529.98 |
| 30                                                  | Channel                | 631000  | 633334  | 635666  |
|                                                     | Frequency              | 3465    | 3500.01 | 3534.99 |
| 20                                                  | Channel                | 630668  | 633334  | 636000  |
|                                                     | Frequency              | 3460.02 | 3500.01 | 3540    |
| 15                                                  | Channel                | 630500  | 633334  | 636166  |
|                                                     | Frequency              | 3457.5  | 3500.01 | 3542.49 |
| 10                                                  | Channel                | 630334  | 633334  | 636332  |
|                                                     | Frequency              | 3455.01 | 3500.01 | 3544.98 |



| 5G NR n78 (Part27Q) Channel and Frequency List |                        |         |         |         |
|------------------------------------------------|------------------------|---------|---------|---------|
| BW [MHz]                                       | Channel/Frequency(MHz) | Lowest  | Middle  | Highest |
| 100                                            | Channel                | -       | 633334  | -       |
|                                                | Frequency              | -       | 3500.01 | -       |
| 90                                             | Channel                | 633000  | 633334  | 633666  |
|                                                | Frequency              | 3495    | 3500.01 | 3504.99 |
| 80                                             | Channel                | 632668  | 633334  | 634000  |
|                                                | Frequency              | 3490.02 | 3500.01 | 3510    |
| 70                                             | Channel                | 632334  | 633334  | 634332  |
|                                                | Frequency              | 3485.01 | 3500.01 | 3514.98 |
| 60                                             | Channel                | 632000  | 633334  | 634666  |
|                                                | Frequency              | 3480    | 3500.01 | 3519.99 |
| 50                                             | Channel                | 631668  | 633334  | 635000  |
|                                                | Frequency              | 3475.02 | 3500.01 | 3525    |
| 40                                             | Channel                | 631334  | 633334  | 635332  |
|                                                | Frequency              | 3470.01 | 3500.01 | 3529.98 |
| 30                                             | Channel                | 631000  | 633334  | 635666  |
|                                                | Frequency              | 3465    | 3500.01 | 3534.99 |
| 20                                             | Channel                | 630668  | 633334  | 636000  |
|                                                | Frequency              | 3460.02 | 3500.01 | 3540    |
| 15                                             | Channel                | 630500  | 633334  | 636166  |
|                                                | Frequency              | 3457.5  | 3500.01 | 3542.49 |
| 10                                             | Channel                | 630334  | 633334  | 636332  |
|                                                | Frequency              | 3455.01 | 3500.01 | 3544.98 |

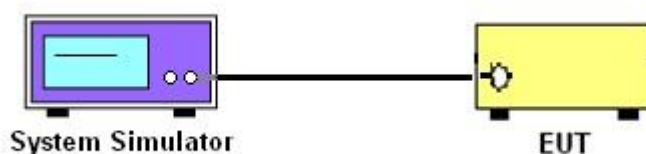
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

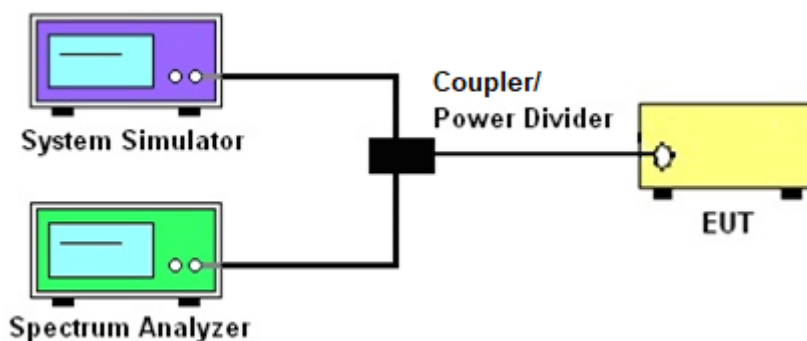
See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

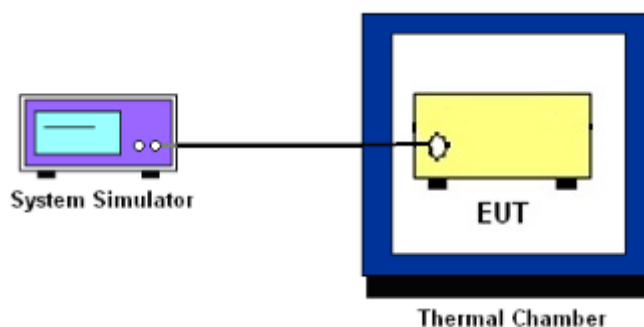
##### 3.1.2 Conducted Output Power



##### 3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



##### 3.1.4 Frequency Stability



##### 3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

## 3.2 Conducted Output Power and ERP/EIRP

### 3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5, n26 (Part 22H)

The power of mobile transmitters must not exceed 100 Watts for 5G NR n26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12, n71

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2, n7, n38, n41

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n77, n78

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$ ,  $ERP = EIRP - 2.15$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

### 3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



### **3.3 Peak-to-Average Ratio**

#### **3.3.1 Description of the PAR Measurement**

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

#### **3.3.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



## **3.4 Occupied Bandwidth**

### **3.4.1 Description of Occupied Bandwidth Measurement**

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

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### **3.4.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.  
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



### **3.5 Conducted Band Edge**

#### **3.5.1 Description of Conducted Band Edge Measurement**

##### **22.917(a)**

For operations in the 824 – 849 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

##### **24.238 (a)**

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

##### **27.53 (g)**

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

##### **27.53 (h)**

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

**27.53 (l)(2)**

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed  $-13$  dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

**27.53 (n)(2)**

The following emission limits apply to stations transmitting in the 3450-3550 MHz band:

(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (2) <<https://www.ecfr.gov/current/title-47/section-27.53#p-27.53%28n%29%282%29>> is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

**3.5.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW  $\geq$  1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.
8. For MIMO mode, add additional MIMO factor  $10\log(\text{NTX}=2) = 3.01\text{dB}$  into the spectrum analyzer offset.



### **3.6 Emission Mask**

#### **3.6.1 Description of Emissions Mask Measurement**

For 5G NR n26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### **3.6.2 Test Procedures**

For 5G NR n26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

### 3.7 Conducted Spurious Emission

#### 3.7.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For 5G NR n7, n38, n41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $55 + 10 \log (P)$  dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10<sup>th</sup> harmonic.

#### 3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.  
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 \* RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. For MIMO mode, add additional MIMO factor  $10\log(\text{NTX}=2) = 3.01\text{dB}$  into the spectrum analyzer offset.



### **3.8 Frequency Stability**

#### **3.8.1 Description of Frequency Stability Measurement**

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

#### **3.8.2 Test Procedures for Temperature Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to  $-30^{\circ}\text{C}$  and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in  $10^{\circ}\text{C}$  step up to  $50^{\circ}\text{C}$ . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### **3.8.3 Test Procedures for Voltage Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at  $20\pm 5^{\circ}\text{C}$  and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

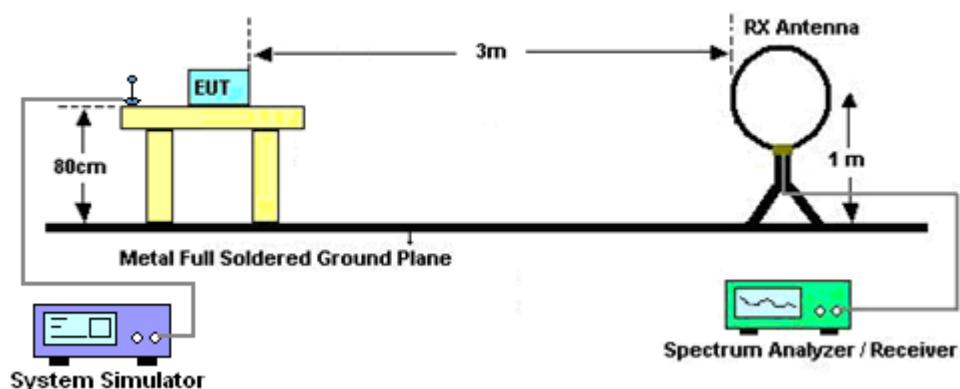
## 4 Radiated Test Items

### 4.1 Measuring Instruments

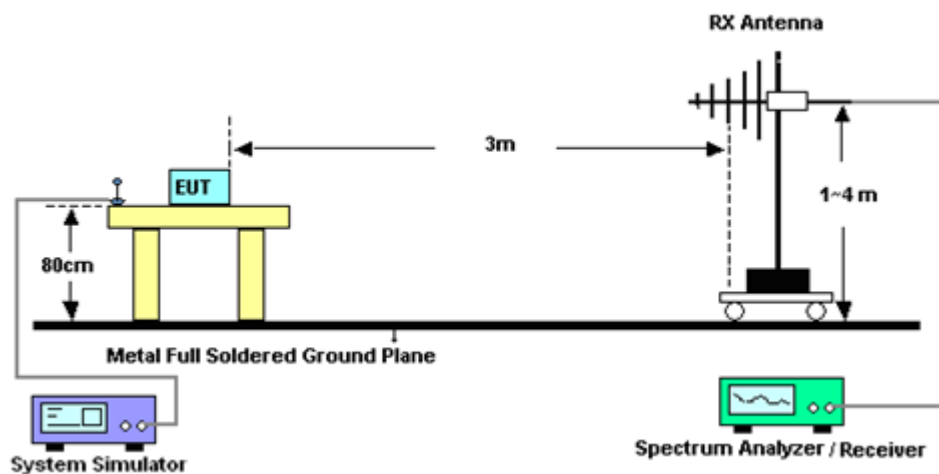
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

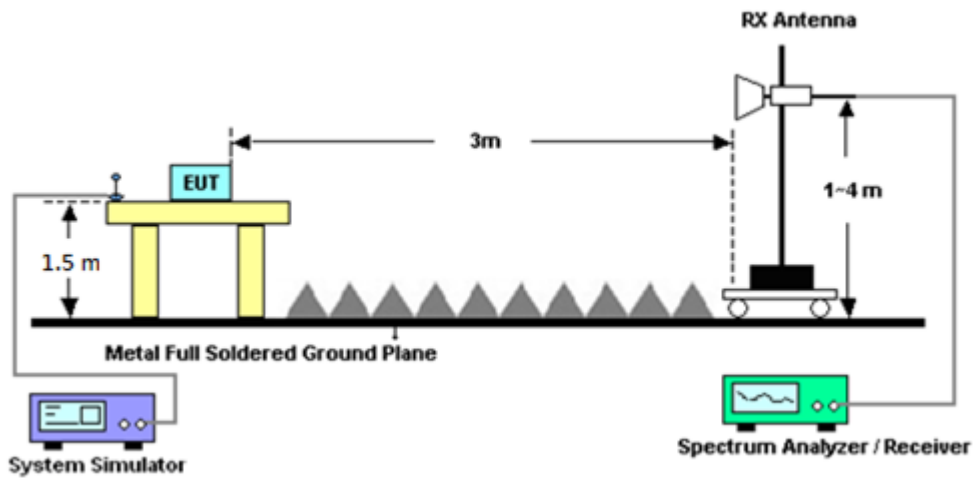
For radiated test below 30MHz



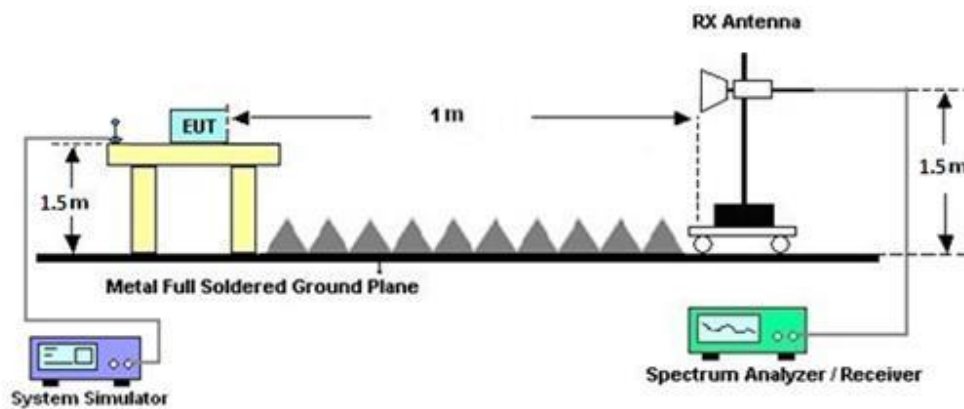
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



#### 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

##### Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



## **4.2 Radiated Spurious Emission Measurement**

### **4.2.1 Description of Radiated Spurious Emission Measurement**

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015.

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB

For 5G NR n7, n38, n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $55 + 10 \log (P)$  dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### **4.2.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4

Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)  
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



## 5 List of Measuring Equipment

| Instrument                       | Brand Name      | Model No.                        | Serial No.                         | Characteristics                  | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------------------|-----------------|----------------------------------|------------------------------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| LOOP Antenna                     | Rohde & Schwarz | HFH2-Z2                          | 100488                             | 9 kHz~30 MHz                     | Aug. 29, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Aug. 28, 2025 | Radiation<br>(03CH21-HY) |
| Bilog Antenna                    | TESEQ & WOKEN   | CBL 6111D &<br>00800N1D01N-06    | 41912 & 05                         | 30MHz~1GHz                       | Feb. 04, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Feb. 03, 2025 | Radiation<br>(03CH21-HY) |
| Double Ridged Guide Horn Antenna | RFSPIN          | DRH18-E                          | LE2C03A18E<br>N                    | 1GHz~18GHz                       | Jul. 11, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Jul. 10, 2025 | Radiation<br>(03CH21-HY) |
| SHF-EHF Horn Antenna             | SCHWARZBECK     | BBHA 9170                        | 1224                               | 18GHz~40GHz                      | Jun. 24, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Jun. 23, 2025 | Radiation<br>(03CH21-HY) |
| Amplifier                        | SONOMA          | 310N                             | 421580                             | 30MHz~1GHz                       | Jul. 14, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Jul. 13, 2025 | Radiation<br>(03CH21-HY) |
| Amplifier                        | EMEC            | EM01G18GA                        | 060876                             | 1GHz~18GHz                       | Sep. 27, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Sep. 26, 2025 | Radiation<br>(03CH21-HY) |
| Preamplifier                     | EMEC            | EM18G40G                         | 060873                             | 18GHz~40GHz                      | Sep. 02, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Sep. 01, 2025 | Radiation<br>(03CH21-HY) |
| Spectrum Analyzer                | Keysight        | N9010B                           | MY62170358                         | 10Hz~44GHz                       | Sep. 06, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Sep. 05, 2025 | Radiation<br>(03CH21-HY) |
| RF Cable                         | HUBER + SUHNER  | SUCOFLEX 102                     | 803951/2                           | 9kHz~30MHz                       | Mar. 06, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Mar. 05, 2025 | Radiation<br>(03CH21-HY) |
| RF Cable                         | HUBER + SUHNER  | SUCOFLEX 102                     | 804397/2,80<br>4612/2,8039<br>54/2 | 30MHz~40GHz                      | Aug. 12, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Aug. 11, 2025 | Radiation<br>(03CH21-HY) |
| Hygrometer                       | TECPEL          | DTM-303A                         | TP211568                           | N/A                              | Oct. 21, 2024    | Nov. 20, 2024~<br>Dec. 31, 2024 | Oct. 20, 2025 | Radiation<br>(03CH21-HY) |
| Controller                       | EMEC            | EM 1000                          | N/A                                | Control Turn<br>table & Ant Mast | N/A              | Nov. 20, 2024~<br>Dec. 31, 2024 | N/A           | Radiation<br>(03CH21-HY) |
| Antenna Mast                     | EMEC            | AM-BS-4500-B                     | N/A                                | 1~4m                             | N/A              | Nov. 20, 2024~<br>Dec. 31, 2024 | N/A           | Radiation<br>(03CH21-HY) |
| Turn Table                       | EMEC            | TT 2000                          | N/A                                | 0~360 Degree                     | N/A              | Nov. 20, 2024~<br>Dec. 31, 2024 | N/A           | Radiation<br>(03CH21-HY) |
| Software                         | Audix           | E3<br>6.2009-8-24                | RK-001053                          | N/A                              | N/A              | Nov. 20, 2024~<br>Dec. 31, 2024 | N/A           | Radiation<br>(03CH21-HY) |
| DC Power Supply                  | GW Instek       | PSS-2005                         | EL890089                           | 1V~20V<br>0.5A~5A                | Feb. 19, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Feb. 18, 2025 | Conducted<br>(TH03-HY)   |
| Signal Analyzer                  | Rohde & Schwarz | FSV3044                          | 101049                             | 10Hz~44GHz                       | Oct. 07, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Oct. 16, 2025 | Conducted<br>(TH03-HY)   |
| Temperature Chamber              | ESPEC           | LHU-113                          | 1012005860                         | -20°C ~85°C                      | Dec. 13, 2023    | Nov. 07, 2024~<br>Dec. 11, 2024 | Dec. 12, 2024 | Conducted<br>(TH03-HY)   |
| Temperature Chamber              | ESPEC           | LHU-113                          | 1012005860                         | -20°C ~85°C                      | Dec. 10, 2024    | Dec. 12, 2024~<br>Jan. 17, 2025 | Dec. 09, 2025 | Conducted<br>(TH03-HY)   |
| Hygrometer                       | TECPEL          | DTM-303B                         | TP200886                           | NA                               | Mar. 14, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Mar. 13, 2025 | Conducted<br>(TH03-HY)   |
| Base Station (Measure)           | Anritsu         | MT8821C                          | 6262116725                         | LTE                              | Oct. 17, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Oct. 16, 2025 | Conducted<br>(TH03-HY)   |
| Base Station (Measure)           | Anritsu         | MT8000A                          | 6262148275                         | FR1                              | Oct. 20, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Oct. 19, 2025 | Conducted<br>(TH03-HY)   |
| Coupler                          | MVE             | MVE-4816-10                      | A400024                            | N/A                              | Jun. 27, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Jun. 26, 2025 | Conducted<br>(TH03-HY)   |
| RF Cable                         | MVE             | MCBL-LL403P.<br>50               | E80002C                            | 9KHz~40GHz                       | Aug. 23, 2024    | Nov. 07, 2024~<br>Jan. 17, 2025 | Aug. 22, 2025 | Conducted<br>(TH03-HY)   |
| Software 1                       | Sporton         | FCC<br>5GNR_FSV30<br>44_20231106 | N/A                                | Conducted<br>Test Item           | N/A              | Nov. 07, 2024~<br>Jan. 17, 2025 | N/A           | Conducted<br>(TH03-HY)   |



## 6 Measurement Uncertainty

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.6 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.0 dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.7 dB |
|-------------------------------------------------------------------------|--------|

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.5 dB |
|-------------------------------------------------------------------------|--------|



## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power) and ERP/EIRP

<SISO Mode>

| NR n2 Maximum Average Power [dBm] (GT - LC = -0.02 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 5                                                      | 1         | 1         | PI/2 BPSK | 23.94  | 23.72  | 23.38   | 23.94      | 0.2477  |  |  |
| 5                                                      | 1         | 23        |           | 23.78  | 23.68  | 23.36   |            |         |  |  |
| 5                                                      | 12        | 6         |           | 23.87  | 23.74  | 23.36   |            |         |  |  |
| 5                                                      | 1         | 0         |           | 23.27  | 23.15  | 22.91   |            |         |  |  |
| 5                                                      | 1         | 24        |           | 23.25  | 23.01  | 22.84   |            |         |  |  |
| 5                                                      | 25        | 0         |           | 22.32  | 22.19  | 21.91   |            |         |  |  |
| 5                                                      | 1         | 1         | QPSK      | 23.96  | 23.90  | 23.43   |            |         |  |  |
| 5                                                      | 1         | 23        |           | 23.77  | 23.71  | 23.50   |            |         |  |  |
| 5                                                      | 12        | 6         |           | 23.89  | 23.68  | 23.38   |            |         |  |  |
| 5                                                      | 1         | 0         |           | 22.88  | 22.78  | 22.42   |            |         |  |  |
| 5                                                      | 1         | 24        |           | 22.84  | 22.64  | 22.38   |            |         |  |  |
| 5                                                      | 25        | 0         |           | 21.84  | 21.69  | 21.37   |            |         |  |  |
| 5                                                      | 1         | 1         | 16-QAM    | 22.87  | 22.72  | 22.34   | 22.85      | 0.1928  |  |  |
| 5                                                      | 1         | 1         | 64-QAM    | 21.56  | 21.40  | 21.16   |            |         |  |  |
| 5                                                      | 1         | 1         | 256-QAM   | 18.82  | 18.72  | 18.38   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n2 Maximum Average Power [dBm] (GT - LC = -0.02 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                     | 1         | 1         | PI/2 BPSK | 23.83  | 23.80  | 23.29   | 23.92      | 0.2466  |  |  |
| 10                                                     | 1         | 50        |           | 23.79  | 23.46  | 23.25   |            |         |  |  |
| 10                                                     | 25        | 12        |           | 23.93  | 23.72  | 23.41   |            |         |  |  |
| 10                                                     | 1         | 0         |           | 23.39  | 23.33  | 22.89   |            |         |  |  |
| 10                                                     | 1         | 51        |           | 23.33  | 23.04  | 22.79   |            |         |  |  |
| 10                                                     | 50        | 0         |           | 22.37  | 22.20  | 21.85   |            |         |  |  |
| 10                                                     | 1         | 1         | QPSK      | 23.89  | 23.87  | 23.41   |            |         |  |  |
| 10                                                     | 1         | 50        |           | 23.83  | 23.57  | 23.32   |            |         |  |  |
| 10                                                     | 25        | 12        |           | 23.94  | 23.67  | 23.42   |            |         |  |  |
| 10                                                     | 1         | 0         |           | 22.74  | 22.85  | 22.39   |            |         |  |  |
| 10                                                     | 1         | 51        |           | 22.87  | 22.60  | 22.38   |            |         |  |  |
| 10                                                     | 50        | 0         |           | 21.91  | 21.66  | 21.43   |            |         |  |  |
| 10                                                     | 1         | 1         | 16-QAM    | 22.85  | 22.78  | 22.38   | 22.83      | 0.1919  |  |  |
| 10                                                     | 1         | 1         | 64-QAM    | 21.56  | 21.53  | 20.73   |            |         |  |  |
| 10                                                     | 1         | 1         | 256-QAM   | 18.87  | 18.80  | 18.29   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n2 Maximum Average Power [dBm] (GT - LC = -0.02 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                     | 1         | 1         | PI/2 BPSK | 23.99  | 23.90  | 23.60   | 24.03      | 0.2529  |  |  |
| 15                                                     | 1         | 77        |           | 23.97  | 23.48  | 23.41   |            |         |  |  |
| 15                                                     | 36        | 18        |           | 24.02  | 23.76  | 23.51   |            |         |  |  |
| 15                                                     | 1         | 0         |           | 23.41  | 23.37  | 23.08   |            |         |  |  |
| 15                                                     | 1         | 78        |           | 23.39  | 22.98  | 22.90   |            |         |  |  |
| 15                                                     | 75        | 0         |           | 22.50  | 22.22  | 21.99   |            |         |  |  |
| 15                                                     | 1         | 1         | QPSK      | 24.05  | 23.93  | 23.63   |            |         |  |  |
| 15                                                     | 1         | 77        |           | 23.96  | 23.58  | 23.40   |            |         |  |  |
| 15                                                     | 36        | 18        |           | 24.01  | 23.84  | 23.53   |            |         |  |  |
| 15                                                     | 1         | 0         |           | 22.96  | 22.92  | 22.61   |            |         |  |  |
| 15                                                     | 1         | 78        |           | 22.98  | 22.60  | 22.60   |            |         |  |  |
| 15                                                     | 75        | 0         |           | 22.03  | 21.77  | 21.46   |            |         |  |  |
| 15                                                     | 1         | 1         | 16-QAM    | 22.92  | 22.88  | 22.54   | 22.90      | 0.1950  |  |  |
| 15                                                     | 1         | 1         | 64-QAM    | 21.74  | 21.49  | 21.30   |            |         |  |  |
| 15                                                     | 1         | 1         | 256-QAM   | 18.86  | 18.88  | 18.52   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n2 Maximum Average Power [dBm] (GT - LC = -0.02 dB) |           |           |           |        |        |         |            |         |       |        |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|-------|--------|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |       |        |
| 20                                                     | 1         | 1         | PI/2 BPSK | 23.95  | 23.84  | 23.67   | 24.16      | 0.2606  |       |        |
| 20                                                     | 1         | 104       |           | 23.86  | 23.51  | 23.41   |            |         |       |        |
| 20                                                     | 50        | 25        |           | 24.01  | 23.82  | 23.50   |            |         |       |        |
| 20                                                     | 1         | 0         |           | 23.44  | 23.42  | 23.09   |            |         |       |        |
| 20                                                     | 1         | 105       |           | 23.30  | 23.02  | 22.85   |            |         |       |        |
| 20                                                     | 100       | 0         |           | 22.54  | 22.22  | 22.13   |            |         |       |        |
| 20                                                     | 1         | 1         | QPSK      | 24.18  | 23.89  | 23.72   |            |         | 22.91 | 0.1954 |
| 20                                                     | 1         | 104       |           | 23.84  | 23.54  | 23.56   |            |         |       |        |
| 20                                                     | 50        | 25        |           | 24.06  | 23.82  | 23.53   |            |         |       |        |
| 20                                                     | 1         | 0         |           | 23.18  | 22.86  | 22.67   |            |         |       |        |
| 20                                                     | 1         | 105       |           | 22.88  | 22.60  | 22.27   |            |         |       |        |
| 20                                                     | 100       | 0         |           | 22.03  | 21.82  | 21.62   |            |         |       |        |
| 20                                                     | 1         | 1         | 16-QAM    | 22.93  | 22.90  | 22.63   | 22.91      | 0.1954  |       |        |
| 20                                                     | 1         | 1         | 64-QAM    | 21.98  | 21.65  | 21.32   |            |         |       |        |
| 20                                                     | 1         | 1         | 256-QAM   | 18.93  | 18.89  | 18.56   |            |         |       |        |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |       |        |



| NR n5 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                               | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 5                                                      | 1        | 1         | PI/2 BPSK | 23.99  | 23.61  | 23.67   | 21.16     | 0.1306 |  |  |
| 5                                                      | 1        | 23        |           | 23.82  | 23.57  | 23.77   |           |        |  |  |
| 5                                                      | 12       | 6         |           | 24.00  | 23.49  | 23.71   |           |        |  |  |
| 5                                                      | 1        | 0         |           | 23.51  | 23.16  | 23.17   |           |        |  |  |
| 5                                                      | 1        | 24        |           | 23.30  | 23.09  | 23.24   |           |        |  |  |
| 5                                                      | 25       | 0         |           | 23.46  | 23.11  | 23.20   |           |        |  |  |
| 5                                                      | 1        | 1         | QPSK      | 24.09  | 23.68  | 23.76   |           |        |  |  |
| 5                                                      | 1        | 23        |           | 23.89  | 23.48  | 23.81   |           |        |  |  |
| 5                                                      | 12       | 6         |           | 23.94  | 23.46  | 23.62   |           |        |  |  |
| 5                                                      | 1        | 0         |           | 23.05  | 22.60  | 22.75   |           |        |  |  |
| 5                                                      | 1        | 24        |           | 22.81  | 22.48  | 22.81   |           |        |  |  |
| 5                                                      | 25       | 0         |           | 22.87  | 22.61  | 22.72   |           |        |  |  |
| 5                                                      | 1        | 1         | 16-QAM    | 23.10  | 22.58  | 22.63   | 20.17     | 0.1040 |  |  |
| 5                                                      | 1        | 1         | 64-QAM    | 21.70  | 21.35  | 21.38   |           |        |  |  |
| 5                                                      | 1        | 1         | 256-QAM   | 19.07  | 18.61  | 18.66   |           |        |  |  |
| Limit                                                  | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n5 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                               | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 10                                                     | 1        | 1         | PI/2 BPSK | 24.05  | 23.66  | 23.58   | 21.14     | 0.1300 |  |  |
| 10                                                     | 1        | 50        |           | 23.67  | 23.53  | 23.63   |           |        |  |  |
| 10                                                     | 25       | 12        |           | 23.94  | 23.50  | 23.65   |           |        |  |  |
| 10                                                     | 1        | 0         |           | 23.45  | 23.12  | 22.96   |           |        |  |  |
| 10                                                     | 1        | 51        |           | 23.04  | 23.02  | 23.07   |           |        |  |  |
| 10                                                     | 50       | 0         |           | 23.45  | 23.13  | 23.17   |           |        |  |  |
| 10                                                     | 1        | 1         | QPSK      | 24.07  | 23.66  | 23.51   |           |        |  |  |
| 10                                                     | 1        | 50        |           | 23.72  | 23.54  | 23.67   |           |        |  |  |
| 10                                                     | 25       | 12        |           | 23.88  | 23.49  | 23.62   |           |        |  |  |
| 10                                                     | 1        | 0         |           | 22.99  | 22.69  | 22.56   |           |        |  |  |
| 10                                                     | 1        | 51        |           | 22.66  | 22.53  | 22.67   |           |        |  |  |
| 10                                                     | 50       | 0         |           | 22.86  | 22.56  | 22.66   |           |        |  |  |
| 10                                                     | 1        | 1         | 16-QAM    | 22.95  | 22.62  | 22.53   | 20.02     | 0.1005 |  |  |
| 10                                                     | 1        | 1         | 64-QAM    | 21.55  | 21.35  | 21.19   |           |        |  |  |
| 10                                                     | 1        | 1         | 256-QAM   | 19.04  | 18.68  | 18.53   |           |        |  |  |
| Limit                                                  | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |



| NR n5 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                               | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 15                                                     | 1        | 1         | PI/2 BPSK | 23.93  | 23.88  | 23.62   | 21.07     | 0.1279 |  |  |
| 15                                                     | 1        | 77        |           | 23.71  | 23.85  | 23.80   |           |        |  |  |
| 15                                                     | 36       | 18        |           | 23.82  | 23.60  | 23.66   |           |        |  |  |
| 15                                                     | 1        | 0         |           | 23.63  | 23.26  | 23.23   |           |        |  |  |
| 15                                                     | 1        | 78        |           | 23.23  | 23.25  | 23.30   |           |        |  |  |
| 15                                                     | 75       | 0         |           | 23.39  | 23.27  | 23.18   |           |        |  |  |
| 15                                                     | 1        | 1         | QPSK      | 24.00  | 23.95  | 23.65   |           |        |  |  |
| 15                                                     | 1        | 77        |           | 23.66  | 23.82  | 23.85   |           |        |  |  |
| 15                                                     | 36       | 18        |           | 23.85  | 23.63  | 23.64   |           |        |  |  |
| 15                                                     | 1        | 0         |           | 23.03  | 22.88  | 22.60   |           |        |  |  |
| 15                                                     | 1        | 78        |           | 22.60  | 22.82  | 22.79   |           |        |  |  |
| 15                                                     | 75       | 0         |           | 22.85  | 22.78  | 22.68   |           |        |  |  |
| 15                                                     | 1        | 1         | 16-QAM    | 22.92  | 22.80  | 22.55   | 19.99     | 0.0998 |  |  |
| 15                                                     | 1        | 1         | 64-QAM    | 21.74  | 21.50  | 21.40   |           |        |  |  |
| 15                                                     | 1        | 1         | 256-QAM   | 18.98  | 18.82  | 18.60   |           |        |  |  |
| Limit                                                  | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n5 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                               | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 20                                                     | 1        | 1         | PI/2 BPSK | 24.07  | 24.02  | 23.74   | 21.17     | 0.1309 |  |  |
| 20                                                     | 1        | 104       |           | 23.86  | 23.83  | 23.81   |           |        |  |  |
| 20                                                     | 50       | 25        |           | 23.85  | 23.61  | 23.54   |           |        |  |  |
| 20                                                     | 1        | 0         |           | 23.54  | 23.50  | 23.48   |           |        |  |  |
| 20                                                     | 1        | 105       |           | 23.23  | 23.28  | 23.41   |           |        |  |  |
| 20                                                     | 100      | 0         |           | 23.28  | 23.30  | 23.22   |           |        |  |  |
| 20                                                     | 1        | 1         | QPSK      | 24.10  | 24.04  | 23.90   |           |        |  |  |
| 20                                                     | 1        | 104       |           | 23.85  | 23.82  | 23.92   |           |        |  |  |
| 20                                                     | 50       | 25        |           | 23.71  | 23.69  | 23.61   |           |        |  |  |
| 20                                                     | 1        | 0         |           | 23.10  | 23.06  | 22.86   |           |        |  |  |
| 20                                                     | 1        | 105       |           | 22.84  | 22.82  | 22.86   |           |        |  |  |
| 20                                                     | 100      | 0         |           | 22.79  | 22.74  | 22.72   |           |        |  |  |
| 20                                                     | 1        | 1         | 16-QAM    | 22.96  | 22.99  | 22.81   | 20.06     | 0.1014 |  |  |
| 20                                                     | 1        | 1         | 64-QAM    | 21.78  | 21.77  | 21.56   |           |        |  |  |
| 20                                                     | 1        | 1         | 256-QAM   | 19.07  | 18.95  | 18.83   |           |        |  |  |
| Limit                                                  | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |



| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 5                                                      | 1         | 1         | PI/2 BPSK | 24.65  | 24.67  | 24.64   | 24.17      | 0.2612  |  |  |
| 5                                                      | 1         | 23        |           | 24.76  | 24.73  | 24.62   |            |         |  |  |
| 5                                                      | 12        | 6         |           | 24.77  | 24.79  | 24.72   |            |         |  |  |
| 5                                                      | 1         | 0         |           | 24.32  | 24.29  | 24.14   |            |         |  |  |
| 5                                                      | 1         | 24        |           | 24.20  | 24.26  | 24.27   |            |         |  |  |
| 5                                                      | 25        | 0         |           | 24.28  | 24.27  | 24.29   |            |         |  |  |
| 5                                                      | 1         | 1         | QPSK      | 24.69  | 24.75  | 24.71   |            |         |  |  |
| 5                                                      | 1         | 23        |           | 24.77  | 24.75  | 24.83   |            |         |  |  |
| 5                                                      | 12        | 6         |           | 24.72  | 24.70  | 24.73   |            |         |  |  |
| 5                                                      | 1         | 0         |           | 23.65  | 23.69  | 23.61   |            |         |  |  |
| 5                                                      | 1         | 24        |           | 23.67  | 23.81  | 23.75   |            |         |  |  |
| 5                                                      | 25        | 0         |           | 23.74  | 23.80  | 23.76   |            |         |  |  |
| 5                                                      | 1         | 1         | 16-QAM    | 23.59  | 23.62  | 23.63   | 22.97      | 0.1982  |  |  |
| 5                                                      | 1         | 1         | 64-QAM    | 22.40  | 22.32  | 22.42   |            |         |  |  |
| 5                                                      | 1         | 1         | 256-QAM   | 19.72  | 19.65  | 19.66   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                     | 1         | 1         | PI/2 BPSK | 24.69  | 24.71  | 24.76   | 24.26      | 0.2667  |  |  |
| 10                                                     | 1         | 50        |           | 24.81  | 24.78  | 24.67   |            |         |  |  |
| 10                                                     | 25        | 12        |           | 24.92  | 24.79  | 24.77   |            |         |  |  |
| 10                                                     | 1         | 0         |           | 24.19  | 24.25  | 24.18   |            |         |  |  |
| 10                                                     | 1         | 51        |           | 24.20  | 24.21  | 24.29   |            |         |  |  |
| 10                                                     | 50        | 0         |           | 24.33  | 24.33  | 24.33   |            |         |  |  |
| 10                                                     | 1         | 1         | QPSK      | 24.71  | 24.68  | 24.75   |            |         |  |  |
| 10                                                     | 1         | 50        |           | 24.82  | 24.75  | 24.83   |            |         |  |  |
| 10                                                     | 25        | 12        |           | 24.78  | 24.79  | 24.81   |            |         |  |  |
| 10                                                     | 1         | 0         |           | 23.69  | 23.62  | 23.68   |            |         |  |  |
| 10                                                     | 1         | 51        |           | 23.70  | 23.78  | 23.82   |            |         |  |  |
| 10                                                     | 50        | 0         |           | 23.74  | 23.74  | 23.75   |            |         |  |  |
| 10                                                     | 1         | 1         | 16-QAM    | 23.67  | 23.62  | 23.68   | 23.02      | 0.2004  |  |  |
| 10                                                     | 1         | 1         | 64-QAM    | 22.37  | 22.34  | 22.42   |            |         |  |  |
| 10                                                     | 1         | 1         | 256-QAM   | 19.71  | 19.72  | 19.66   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                     | 1         | 1         | PI/2 BPSK | 24.81  | 24.70  | 24.66   | 24.29      | 0.2685  |  |  |
| 15                                                     | 1         | 77        |           | 24.83  | 24.74  | 24.75   |            |         |  |  |
| 15                                                     | 36        | 18        |           | 24.89  | 24.83  | 24.86   |            |         |  |  |
| 15                                                     | 1         | 0         |           | 24.37  | 24.30  | 24.25   |            |         |  |  |
| 15                                                     | 1         | 78        |           | 24.34  | 24.41  | 24.40   |            |         |  |  |
| 15                                                     | 75        | 0         |           | 24.34  | 24.28  | 24.34   |            |         |  |  |
| 15                                                     | 1         | 1         | QPSK      | 24.92  | 24.78  | 24.82   |            |         |  |  |
| 15                                                     | 1         | 77        |           | 24.88  | 24.84  | 24.95   |            |         |  |  |
| 15                                                     | 36        | 18        |           | 24.87  | 24.90  | 24.92   |            |         |  |  |
| 15                                                     | 1         | 0         |           | 23.79  | 23.74  | 23.74   |            |         |  |  |
| 15                                                     | 1         | 78        |           | 23.80  | 23.78  | 23.58   |            |         |  |  |
| 15                                                     | 75        | 0         |           | 23.93  | 23.84  | 23.88   |            |         |  |  |
| 15                                                     | 1         | 1         | 16-QAM    | 23.80  | 23.74  | 23.75   | 23.14      | 0.2061  |  |  |
| 15                                                     | 1         | 1         | 64-QAM    | 22.53  | 22.51  | 22.52   |            |         |  |  |
| 15                                                     | 1         | 1         | 256-QAM   | 19.72  | 19.64  | 19.68   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                     | 1         | 1         | PI/2 BPSK | 24.78  | 24.69  | 24.67   | 24.32      | 0.2704  |  |  |
| 20                                                     | 1         | 104       |           | 24.88  | 24.77  | 24.82   |            |         |  |  |
| 20                                                     | 50        | 25        |           | 24.87  | 24.87  | 24.86   |            |         |  |  |
| 20                                                     | 1         | 0         |           | 24.14  | 24.23  | 24.17   |            |         |  |  |
| 20                                                     | 1         | 105       |           | 24.26  | 24.32  | 24.34   |            |         |  |  |
| 20                                                     | 100       | 0         |           | 24.35  | 24.36  | 24.35   |            |         |  |  |
| 20                                                     | 1         | 1         | QPSK      | 24.85  | 24.76  | 24.77   |            |         |  |  |
| 20                                                     | 1         | 104       |           | 24.84  | 24.87  | 24.98   |            |         |  |  |
| 20                                                     | 50        | 25        |           | 24.90  | 24.88  | 24.81   |            |         |  |  |
| 20                                                     | 1         | 0         |           | 23.81  | 23.76  | 23.74   |            |         |  |  |
| 20                                                     | 1         | 105       |           | 23.93  | 23.81  | 24.01   |            |         |  |  |
| 20                                                     | 100       | 0         |           | 23.89  | 23.85  | 23.91   |            |         |  |  |
| 20                                                     | 1         | 1         | 16-QAM    | 23.75  | 23.71  | 23.61   | 23.09      | 0.2037  |  |  |
| 20                                                     | 1         | 1         | 64-QAM    | 22.61  | 22.40  | 22.38   |            |         |  |  |
| 20                                                     | 1         | 1         | 256-QAM   | 19.75  | 19.67  | 19.62   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 25                                                     | 1         | 1         | PI/2 BPSK | 25.36  | 25.34  | 25.39   | 24.82      | 0.3034  |  |  |
| 25                                                     | 1         | 131       |           | 25.03  | 24.98  | 24.95   |            |         |  |  |
| 25                                                     | 64        | 32        |           | 24.95  | 24.88  | 24.85   |            |         |  |  |
| 25                                                     | 1         | 0         |           | 25.11  | 25.15  | 24.96   |            |         |  |  |
| 25                                                     | 1         | 132       |           | 24.57  | 24.60  | 24.55   |            |         |  |  |
| 25                                                     | 128       | 0         |           | 24.38  | 24.34  | 24.42   |            |         |  |  |
| 25                                                     | 1         | 1         | QPSK      | 25.47  | 25.48  | 25.39   |            |         |  |  |
| 25                                                     | 1         | 131       |           | 25.14  | 25.16  | 25.15   |            |         |  |  |
| 25                                                     | 64        | 32        |           | 24.96  | 24.93  | 24.85   |            |         |  |  |
| 25                                                     | 1         | 0         |           | 24.84  | 24.65  | 24.50   |            |         |  |  |
| 25                                                     | 1         | 132       |           | 24.22  | 24.12  | 24.11   |            |         |  |  |
| 25                                                     | 128       | 0         |           | 23.94  | 23.91  | 23.84   |            |         |  |  |
| 25                                                     | 1         | 1         | 16-QAM    | 24.33  | 24.43  | 24.17   | 23.77      | 0.2382  |  |  |
| 25                                                     | 1         | 1         | 64-QAM    | 23.11  | 23.13  | 23.01   |            |         |  |  |
| 25                                                     | 1         | 1         | 256-QAM   | 20.46  | 20.34  | 20.33   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                     | 1         | 1         | PI/2 BPSK | 24.98  | 24.87  | 24.80   | 24.33      | 0.2710  |  |  |
| 30                                                     | 1         | 158       |           | 24.92  | 24.93  | 24.85   |            |         |  |  |
| 30                                                     | 80        | 40        |           | 24.92  | 24.89  | 24.84   |            |         |  |  |
| 30                                                     | 1         | 0         |           | 24.30  | 24.40  | 24.38   |            |         |  |  |
| 30                                                     | 1         | 159       |           | 24.30  | 24.46  | 24.50   |            |         |  |  |
| 30                                                     | 160       | 0         |           | 24.41  | 24.37  | 24.44   |            |         |  |  |
| 30                                                     | 1         | 1         | QPSK      | 24.88  | 24.83  | 24.87   |            |         |  |  |
| 30                                                     | 1         | 158       |           | 24.96  | 24.97  | 24.99   |            |         |  |  |
| 30                                                     | 80        | 40        |           | 24.97  | 24.81  | 24.87   |            |         |  |  |
| 30                                                     | 1         | 0         |           | 23.77  | 23.89  | 23.78   |            |         |  |  |
| 30                                                     | 1         | 159       |           | 23.99  | 24.01  | 24.02   |            |         |  |  |
| 30                                                     | 160       | 0         |           | 23.98  | 23.85  | 23.88   |            |         |  |  |
| 30                                                     | 1         | 1         | 16-QAM    | 23.86  | 23.84  | 23.83   | 23.20      | 0.2089  |  |  |
| 30                                                     | 1         | 1         | 64-QAM    | 22.57  | 22.52  | 22.54   |            |         |  |  |
| 30                                                     | 1         | 1         | 256-QAM   | 19.94  | 19.78  | 19.73   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



# FCC RADIO TEST REPORT

Report No. : FG4O2225C

| NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                               | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                     | 1         | 1         | PI/2 BPSK | 24.84  | 24.80  | 24.80   | 24.38      | 0.2742  |  |  |
| 40                                                     | 1         | 214       |           | 24.87  | 24.87  | 24.89   |            |         |  |  |
| 40                                                     | 108       | 54        |           | 24.91  | 24.88  | 24.90   |            |         |  |  |
| 40                                                     | 1         | 0         |           | 24.36  | 24.37  | 24.36   |            |         |  |  |
| 40                                                     | 1         | 215       |           | 24.37  | 24.52  | 24.41   |            |         |  |  |
| 40                                                     | 216       | 0         |           | 24.40  | 24.43  | 24.34   |            |         |  |  |
| 40                                                     | 1         | 1         | QPSK      | 24.93  | 24.91  | 24.82   |            |         |  |  |
| 40                                                     | 1         | 214       |           | 25.03  | 25.01  | 25.04   |            |         |  |  |
| 40                                                     | 108       | 54        |           | 24.99  | 24.86  | 24.94   |            |         |  |  |
| 40                                                     | 1         | 0         |           | 23.88  | 23.85  | 24.00   |            |         |  |  |
| 40                                                     | 1         | 215       |           | 23.96  | 23.97  | 24.03   |            |         |  |  |
| 40                                                     | 216       | 0         |           | 23.94  | 23.84  | 23.89   |            |         |  |  |
| 40                                                     | 1         | 1         | 16-QAM    | 23.78  | 23.86  | 23.82   | 23.20      | 0.2089  |  |  |
| 40                                                     | 1         | 1         | 64-QAM    | 22.54  | 22.68  | 22.58   |            |         |  |  |
| 40                                                     | 1         | 1         | 256-QAM   | 19.82  | 19.84  | 19.77   |            |         |  |  |
| Limit                                                  | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n12 Maximum Average Power [dBm] (GT - LC = -0.51 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 5                                                       | 1        | 1         | PI/2 BPSK | 23.55  | 23.52  | 23.65   | 21.13     | 0.1297 |  |  |
| 5                                                       | 1        | 23        |           | 23.53  | 23.69  | 23.56   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.66  | 23.66  | 23.72   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 23.14  | 23.10  | 23.17   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 23.05  | 23.16  | 23.11   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 23.07  | 23.21  | 23.16   |           |        |  |  |
| 5                                                       | 1        | 1         | QPSK      | 23.68  | 23.58  | 23.62   |           |        |  |  |
| 5                                                       | 1        | 23        |           | 23.51  | 23.79  | 23.57   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.62  | 23.56  | 23.64   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 22.55  | 22.44  | 22.60   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 22.55  | 22.60  | 22.65   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 22.62  | 22.69  | 22.70   |           |        |  |  |
| 5                                                       | 1        | 1         | 16-QAM    | 22.69  | 22.51  | 22.60   | 20.03     | 0.1007 |  |  |
| 5                                                       | 1        | 1         | 64-QAM    | 21.30  | 21.25  | 21.21   |           |        |  |  |
| 5                                                       | 1        | 1         | 256-QAM   | 18.64  | 18.57  | 18.66   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |

| NR n12 Maximum Average Power [dBm] (GT - LC = -0.51 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 10                                                      | 1        | 1         | PI/2 BPSK | 23.57  | 23.48  | 23.42   | 21.12     | 0.1294 |  |  |
| 10                                                      | 1        | 50        |           | 23.65  | 23.69  | 23.63   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.59  | 23.73  | 23.70   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 23.03  | 22.98  | 22.94   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 23.11  | 23.22  | 23.14   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 22.98  | 23.17  | 23.16   |           |        |  |  |
| 10                                                      | 1        | 1         | QPSK      | 23.76  | 23.54  | 23.50   |           |        |  |  |
| 10                                                      | 1        | 50        |           | 23.73  | 23.78  | 23.71   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.56  | 23.66  | 23.69   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 22.63  | 22.51  | 22.41   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 22.96  | 22.85  | 22.67   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 22.56  | 22.64  | 22.61   |           |        |  |  |
| 10                                                      | 1        | 1         | 16-QAM    | 22.65  | 22.50  | 22.50   | 19.99     | 0.0998 |  |  |
| 10                                                      | 1        | 1         | 64-QAM    | 21.26  | 21.22  | 21.23   |           |        |  |  |
| 10                                                      | 1        | 1         | 256-QAM   | 18.55  | 18.54  | 18.49   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |



| NR n12 Maximum Average Power [dBm] (GT - LC = -0.51 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 15                                                      | 1        | 1         | PI/2 BPSK | 23.73  | 23.72  | 23.67   | 21.23     | 0.1327 |  |  |
| 15                                                      | 1        | 77        |           | 23.86  | 23.70  | 23.67   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.73  | 23.78  | 23.74   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 23.29  | 23.26  | 23.14   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 23.33  | 23.26  | 23.15   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 23.28  | 23.23  | 23.29   |           |        |  |  |
| 15                                                      | 1        | 1         | QPSK      | 23.78  | 23.69  | 23.65   |           |        |  |  |
| 15                                                      | 1        | 77        |           | 23.89  | 23.80  | 23.78   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.74  | 23.78  | 23.73   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 22.82  | 22.77  | 22.71   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 22.82  | 22.75  | 22.79   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 22.80  | 22.70  | 22.74   |           |        |  |  |
| 15                                                      | 1        | 1         | 16-QAM    | 22.76  | 22.71  | 22.64   | 20.10     | 0.1023 |  |  |
| 15                                                      | 1        | 1         | 64-QAM    | 21.40  | 21.25  | 21.36   |           |        |  |  |
| 15                                                      | 1        | 1         | 256-QAM   | 18.65  | 18.65  | 18.62   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |



| NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 5                                                       | 1        | 1         | PI/2 BPSK | 23.78  | 23.61  | 23.58   | 20.91     | 0.1233 |  |  |
| 5                                                       | 1        | 23        |           | 23.69  | 23.59  | 23.60   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.80  | 23.57  | 23.54   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 23.32  | 23.06  | 23.09   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 23.12  | 23.00  | 23.06   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 23.33  | 23.06  | 23.07   |           |        |  |  |
| 5                                                       | 1        | 1         | QPSK      | 23.84  | 23.67  | 23.64   |           |        |  |  |
| 5                                                       | 1        | 23        |           | 23.73  | 23.62  | 23.59   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.78  | 23.61  | 23.58   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 22.73  | 22.58  | 22.60   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 22.68  | 22.55  | 22.54   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 22.81  | 22.57  | 22.56   |           |        |  |  |
| 5                                                       | 1        | 1         | 16-QAM    | 22.80  | 22.68  | 22.51   | 19.87     | 0.0971 |  |  |
| 5                                                       | 1        | 1         | 64-QAM    | 21.50  | 21.23  | 21.24   |           |        |  |  |
| 5                                                       | 1        | 1         | 256-QAM   | 18.82  | 18.64  | 18.59   |           |        |  |  |
| Limit                                                   | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 10                                                      | 1        | 1         | PI/2 BPSK | 23.86  | 23.51  | 23.46   | 20.93     | 0.1239 |  |  |
| 10                                                      | 1        | 50        |           | 23.60  | 23.58  | 23.49   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.73  | 23.59  | 23.61   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 23.26  | 23.07  | 22.94   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 22.97  | 23.06  | 22.95   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 23.31  | 23.07  | 23.07   |           |        |  |  |
| 10                                                      | 1        | 1         | QPSK      | 23.81  | 23.57  | 23.50   |           |        |  |  |
| 10                                                      | 1        | 50        |           | 23.52  | 23.62  | 23.51   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.74  | 23.59  | 23.54   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 22.79  | 22.53  | 22.52   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 22.53  | 22.39  | 22.49   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 22.71  | 22.64  | 22.63   |           |        |  |  |
| 10                                                      | 1        | 1         | 16-QAM    | 22.82  | 22.58  | 22.59   | 19.89     | 0.0975 |  |  |
| 10                                                      | 1        | 1         | 64-QAM    | 21.52  | 21.30  | 21.48   |           |        |  |  |
| 10                                                      | 1        | 1         | 256-QAM   | 18.75  | 18.52  | 18.49   |           |        |  |  |
| Limit                                                   | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |



| NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 15                                                      | 1        | 1         | PI/2 BPSK | 23.83  | 23.67  | 23.58   | 20.99     | 0.1256 |  |  |
| 15                                                      | 1        | 77        |           | 23.69  | 23.82  | 23.65   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.67  | 23.59  | 23.53   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 23.36  | 23.17  | 23.08   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 23.10  | 23.21  | 23.17   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 23.18  | 23.22  | 23.14   |           |        |  |  |
| 15                                                      | 1        | 1         | QPSK      | 23.92  | 23.77  | 23.62   |           |        |  |  |
| 15                                                      | 1        | 77        |           | 23.72  | 23.71  | 23.76   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.71  | 23.62  | 23.61   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 22.93  | 22.73  | 22.52   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 22.70  | 22.69  | 22.69   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 22.72  | 22.73  | 22.61   |           |        |  |  |
| 15                                                      | 1        | 1         | 16-QAM    | 22.87  | 22.69  | 22.67   | 19.94     | 0.0986 |  |  |
| 15                                                      | 1        | 1         | 64-QAM    | 21.56  | 21.41  | 21.29   |           |        |  |  |
| 15                                                      | 1        | 1         | 256-QAM   | 18.85  | 18.65  | 18.73   |           |        |  |  |
| Limit                                                   | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 20                                                      | 1        | 1         | PI/2 BPSK | 23.92  | 23.87  | 23.72   | 21.02     | 0.1265 |  |  |
| 20                                                      | 1        | 104       |           | 23.69  | 23.67  | 23.70   |           |        |  |  |
| 20                                                      | 50       | 25        |           | 23.64  | 23.73  | 23.67   |           |        |  |  |
| 20                                                      | 1        | 0         |           | 23.38  | 23.31  | 23.27   |           |        |  |  |
| 20                                                      | 1        | 105       |           | 23.19  | 23.19  | 23.19   |           |        |  |  |
| 20                                                      | 100      | 0         |           | 23.31  | 23.26  | 23.16   |           |        |  |  |
| 20                                                      | 1        | 1         | QPSK      | 23.95  | 23.94  | 23.78   |           |        |  |  |
| 20                                                      | 1        | 104       |           | 23.85  | 23.75  | 23.79   |           |        |  |  |
| 20                                                      | 50       | 25        |           | 23.64  | 23.72  | 23.65   |           |        |  |  |
| 20                                                      | 1        | 0         |           | 22.99  | 22.86  | 22.76   |           |        |  |  |
| 20                                                      | 1        | 105       |           | 22.81  | 22.81  | 22.79   |           |        |  |  |
| 20                                                      | 100      | 0         |           | 22.72  | 22.72  | 22.73   |           |        |  |  |
| 20                                                      | 1        | 1         | 16-QAM    | 22.92  | 22.85  | 22.72   | 19.99     | 0.0998 |  |  |
| 20                                                      | 1        | 1         | 64-QAM    | 21.59  | 21.63  | 21.34   |           |        |  |  |
| 20                                                      | 1        | 1         | 256-QAM   | 18.87  | 18.82  | 18.73   |           |        |  |  |
| Limit                                                   | ERP < 7W |           |           | Result |        |         | Pass      |        |  |  |



| NR n38 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                      | 1         | 1         | PI/2 BPSK | 24.41  | 24.21  | 24.61   | 24.10      | 0.2570  |  |  |
| 10                                                      | 1         | 22        |           | 24.33  | 24.25  | 24.76   |            |         |  |  |
| 10                                                      | 12        | 6         |           | 24.35  | 24.29  | 24.73   |            |         |  |  |
| 10                                                      | 1         | 0         |           | 23.90  | 23.69  | 24.05   |            |         |  |  |
| 10                                                      | 1         | 23        |           | 23.80  | 23.72  | 24.20   |            |         |  |  |
| 10                                                      | 24        | 0         |           | 22.87  | 22.79  | 23.20   |            |         |  |  |
| 10                                                      | 1         | 1         | QPSK      | 24.40  | 24.19  | 24.58   |            |         |  |  |
| 10                                                      | 1         | 22        |           | 24.25  | 24.19  | 24.76   |            |         |  |  |
| 10                                                      | 12        | 6         |           | 24.32  | 24.28  | 24.72   |            |         |  |  |
| 10                                                      | 1         | 0         |           | 23.40  | 23.17  | 23.60   |            |         |  |  |
| 10                                                      | 1         | 23        |           | 23.26  | 23.15  | 23.74   |            |         |  |  |
| 10                                                      | 24        | 0         |           | 22.36  | 22.28  | 22.75   |            |         |  |  |
| 10                                                      | 1         | 1         | 16-QAM    | 23.26  | 23.16  | 23.54   | 22.88      | 0.1941  |  |  |
| 10                                                      | 1         | 1         | 64-QAM    | 21.97  | 21.81  | 22.11   |            |         |  |  |
| 10                                                      | 1         | 1         | 256-QAM   | 19.92  | 19.69  | 20.10   |            |         |  |  |
| Limit                                                   | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n38 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                      | 1         | 1         | PI/2 BPSK | 24.45  | 24.38  | 24.67   | 24.52      | 0.2831  |  |  |
| 15                                                      | 1         | 36        |           | 24.36  | 24.49  | 25.18   |            |         |  |  |
| 15                                                      | 18        | 9         |           | 24.49  | 24.33  | 24.95   |            |         |  |  |
| 15                                                      | 1         | 0         |           | 23.88  | 23.75  | 24.11   |            |         |  |  |
| 15                                                      | 1         | 37        |           | 23.78  | 24.00  | 24.59   |            |         |  |  |
| 15                                                      | 36        | 0         |           | 23.02  | 22.83  | 23.43   |            |         |  |  |
| 15                                                      | 1         | 1         | QPSK      | 24.41  | 24.30  | 24.60   |            |         |  |  |
| 15                                                      | 1         | 36        |           | 24.30  | 24.47  | 25.09   |            |         |  |  |
| 15                                                      | 18        | 9         |           | 24.52  | 24.32  | 24.95   |            |         |  |  |
| 15                                                      | 1         | 0         |           | 23.33  | 23.29  | 23.60   |            |         |  |  |
| 15                                                      | 1         | 37        |           | 23.32  | 23.41  | 24.08   |            |         |  |  |
| 15                                                      | 36        | 0         |           | 22.45  | 22.33  | 22.89   |            |         |  |  |
| 15                                                      | 1         | 1         | 16-QAM    | 23.39  | 23.16  | 23.56   | 22.90      | 0.1950  |  |  |
| 15                                                      | 1         | 1         | 64-QAM    | 21.93  | 21.96  | 22.14   |            |         |  |  |
| 15                                                      | 1         | 1         | 256-QAM   | 19.93  | 19.87  | 20.21   |            |         |  |  |
| Limit                                                   | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n38 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                      | 1         | 1         | PI/2 BPSK | 24.51  | 24.23  | 24.47   | 24.37      | 0.2735  |  |  |
| 20                                                      | 1         | 49        |           | 24.35  | 24.50  | 25.03   |            |         |  |  |
| 20                                                      | 25        | 12        |           | 24.52  | 24.33  | 24.80   |            |         |  |  |
| 20                                                      | 1         | 0         |           | 23.95  | 23.79  | 23.87   |            |         |  |  |
| 20                                                      | 1         | 50        |           | 23.79  | 23.97  | 24.52   |            |         |  |  |
| 20                                                      | 50        | 0         |           | 22.99  | 22.86  | 23.26   |            |         |  |  |
| 20                                                      | 1         | 1         | QPSK      | 24.33  | 24.21  | 24.36   |            |         |  |  |
| 20                                                      | 1         | 49        |           | 24.31  | 24.41  | 24.94   |            |         |  |  |
| 20                                                      | 25        | 12        |           | 24.54  | 24.28  | 24.77   |            |         |  |  |
| 20                                                      | 1         | 0         |           | 23.36  | 23.19  | 23.41   |            |         |  |  |
| 20                                                      | 1         | 50        |           | 23.29  | 23.40  | 23.97   |            |         |  |  |
| 20                                                      | 50        | 0         |           | 22.43  | 22.29  | 22.76   |            |         |  |  |
| 20                                                      | 1         | 1         | 16-QAM    | 23.24  | 23.23  | 23.37   | 22.71      | 0.1866  |  |  |
| 20                                                      | 1         | 1         | 64-QAM    | 21.89  | 21.78  | 22.01   |            |         |  |  |
| 20                                                      | 1         | 1         | 256-QAM   | 19.93  | 19.76  | 19.93   |            |         |  |  |
| Limit                                                   | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n38 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |       |        |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|-------|--------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |       |        |
| 30                                                      | 1         | 1         | PI/2 BPSK | 24.44  | 24.35  | 24.33   | 24.34      | 0.2716  |       |        |
| 30                                                      | 1         | 76        |           | 24.39  | 24.71  | 25.00   |            |         |       |        |
| 30                                                      | 36        | 18        |           | 24.37  | 24.36  | 24.56   |            |         |       |        |
| 30                                                      | 1         | 0         |           | 23.96  | 23.92  | 23.86   |            |         |       |        |
| 30                                                      | 1         | 77        |           | 23.91  | 24.15  | 24.49   |            |         |       |        |
| 30                                                      | 75        | 0         |           | 22.88  | 22.90  | 23.11   |            |         |       |        |
| 30                                                      | 1         | 1         | QPSK      | 24.49  | 24.40  | 24.29   |            |         | 22.69 | 0.1858 |
| 30                                                      | 1         | 76        |           | 24.38  | 24.70  | 25.00   |            |         |       |        |
| 30                                                      | 36        | 18        |           | 24.38  | 24.37  | 24.59   |            |         |       |        |
| 30                                                      | 1         | 0         |           | 23.45  | 23.37  | 23.33   |            |         |       |        |
| 30                                                      | 1         | 77        |           | 23.36  | 23.66  | 23.96   |            |         |       |        |
| 30                                                      | 75        | 0         |           | 22.35  | 22.40  | 22.62   |            |         |       |        |
| 30                                                      | 1         | 1         | 16-QAM    | 23.35  | 23.23  | 23.22   | 22.69      | 0.1858  |       |        |
| 30                                                      | 1         | 1         | 64-QAM    | 22.01  | 21.96  | 21.76   |            |         |       |        |
| 30                                                      | 1         | 1         | 256-QAM   | 19.99  | 19.99  | 19.92   |            |         |       |        |
| Limit                                                   | EIRP < 2W |           |           | Result |        |         | Pass       |         |       |        |

| NR n38 Maximum Average Power [dBm] (GT - LC = -0.66 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                      | 1         | 1         | PI/2 BPSK | 24.55  | 24.46  | 24.46   | 24.49      | 0.2812  |  |  |
| 40                                                      | 1         | 104       |           | 24.76  | 24.87  | 25.15   |            |         |  |  |
| 40                                                      | 50        | 25        |           | 24.43  | 24.38  | 24.48   |            |         |  |  |
| 40                                                      | 1         | 0         |           | 24.00  | 23.92  | 23.91   |            |         |  |  |
| 40                                                      | 1         | 105       |           | 24.26  | 24.42  | 24.64   |            |         |  |  |
| 40                                                      | 100       | 0         |           | 22.92  | 23.01  | 23.14   |            |         |  |  |
| 40                                                      | 1         | 1         | QPSK      | 24.51  | 24.41  | 24.41   |            |         |  |  |
| 40                                                      | 1         | 104       |           | 24.69  | 24.91  | 25.13   |            |         |  |  |
| 40                                                      | 50        | 25        |           | 24.38  | 24.39  | 24.47   |            |         |  |  |
| 40                                                      | 1         | 0         |           | 23.55  | 23.44  | 23.44   |            |         |  |  |
| 40                                                      | 1         | 105       |           | 23.70  | 23.86  | 24.15   |            |         |  |  |
| 40                                                      | 100       | 0         |           | 22.42  | 22.51  | 22.61   |            |         |  |  |
| 40                                                      | 1         | 1         | 16-QAM    | 23.52  | 23.36  | 23.35   | 22.86      | 0.1932  |  |  |
| 40                                                      | 1         | 1         | 64-QAM    | 22.09  | 21.91  | 21.93   |            |         |  |  |
| 40                                                      | 1         | 1         | 256-QAM   | 20.12  | 19.91  | 19.97   |            |         |  |  |
| Limit                                                   | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                           | 1         | 1         | PI/2 BPSK | 25.91  | 26.23  | 26.15   | 26.10      | 0.4074  |  |  |
| 10                                                           | 1         | 22        |           | 25.91  | 26.26  | 25.91   |            |         |  |  |
| 10                                                           | 12        | 6         |           | 25.94  | 26.26  | 26.11   |            |         |  |  |
| 10                                                           | 1         | 0         |           | 22.44  | 22.62  | 22.58   |            |         |  |  |
| 10                                                           | 1         | 23        |           | 22.45  | 22.70  | 22.36   |            |         |  |  |
| 10                                                           | 24        | 0         |           | 25.46  | 25.76  | 25.57   |            |         |  |  |
| 10                                                           | 1         | 1         | QPSK      | 25.87  | 26.10  | 26.13   |            |         |  |  |
| 10                                                           | 1         | 22        |           | 25.94  | 26.23  | 25.92   |            |         |  |  |
| 10                                                           | 12        | 6         |           | 25.96  | 26.25  | 26.09   |            |         |  |  |
| 10                                                           | 1         | 0         |           | 22.40  | 22.63  | 22.56   |            |         |  |  |
| 10                                                           | 1         | 23        |           | 22.40  | 22.70  | 22.35   |            |         |  |  |
| 10                                                           | 24        | 0         |           | 24.92  | 25.26  | 25.06   |            |         |  |  |
| 10                                                           | 1         | 1         | 16-QAM    | 24.95  | 25.30  | 25.25   | 25.14      | 0.3266  |  |  |
| 10                                                           | 1         | 1         | 64-QAM    | 23.42  | 23.72  | 23.75   |            |         |  |  |
| 10                                                           | 1         | 1         | 256-QAM   | 21.11  | 21.44  | 21.33   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                           | 1         | 1         | PI/2 BPSK | 25.89  | 26.25  | 26.26   | 26.22      | 0.4188  |  |  |
| 15                                                           | 1         | 36        |           | 26.03  | 26.38  | 26.00   |            |         |  |  |
| 15                                                           | 18        | 9         |           | 25.96  | 26.36  | 26.07   |            |         |  |  |
| 15                                                           | 1         | 0         |           | 22.34  | 22.69  | 22.66   |            |         |  |  |
| 15                                                           | 1         | 37        |           | 22.46  | 22.86  | 22.43   |            |         |  |  |
| 15                                                           | 36        | 0         |           | 25.46  | 25.83  | 25.58   |            |         |  |  |
| 15                                                           | 1         | 1         | QPSK      | 25.85  | 26.24  | 26.16   |            |         |  |  |
| 15                                                           | 1         | 36        |           | 26.00  | 26.37  | 25.99   |            |         |  |  |
| 15                                                           | 18        | 9         |           | 25.97  | 26.32  | 26.12   |            |         |  |  |
| 15                                                           | 1         | 0         |           | 22.37  | 22.76  | 22.68   |            |         |  |  |
| 15                                                           | 1         | 37        |           | 22.43  | 22.80  | 22.45   |            |         |  |  |
| 15                                                           | 36        | 0         |           | 24.96  | 25.31  | 25.08   |            |         |  |  |
| 15                                                           | 1         | 1         | 16-QAM    | 24.99  | 25.32  | 25.33   | 25.17      | 0.3289  |  |  |
| 15                                                           | 1         | 1         | 64-QAM    | 23.45  | 23.77  | 23.81   |            |         |  |  |
| 15                                                           | 1         | 1         | 256-QAM   | 21.05  | 21.46  | 21.50   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                           | 1         | 1         | PI/2 BPSK | 25.85  | 26.23  | 26.36   | 26.20      | 0.4169  |  |  |
| 20                                                           | 1         | 49        |           | 26.08  | 26.35  | 26.00   |            |         |  |  |
| 20                                                           | 25        | 12        |           | 25.99  | 26.31  | 26.22   |            |         |  |  |
| 20                                                           | 1         | 0         |           | 22.42  | 22.66  | 22.82   |            |         |  |  |
| 20                                                           | 1         | 50        |           | 22.61  | 22.80  | 22.46   |            |         |  |  |
| 20                                                           | 50        | 0         |           | 25.49  | 25.82  | 25.71   |            |         |  |  |
| 20                                                           | 1         | 1         | QPSK      | 25.85  | 26.22  | 26.32   |            |         |  |  |
| 20                                                           | 1         | 49        |           | 26.11  | 26.31  | 26.04   |            |         |  |  |
| 20                                                           | 25        | 12        |           | 26.00  | 26.36  | 26.23   |            |         |  |  |
| 20                                                           | 1         | 0         |           | 22.36  | 22.71  | 22.81   |            |         |  |  |
| 20                                                           | 1         | 50        |           | 22.56  | 22.78  | 22.48   |            |         |  |  |
| 20                                                           | 50        | 0         |           | 24.99  | 25.31  | 25.21   |            |         |  |  |
| 20                                                           | 1         | 1         | 16-QAM    | 25.01  | 25.24  | 25.46   | 25.3       | 0.3388  |  |  |
| 20                                                           | 1         | 1         | 64-QAM    | 23.49  | 23.77  | 23.92   |            |         |  |  |
| 20                                                           | 1         | 1         | 256-QAM   | 21.14  | 21.53  | 21.56   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                           | 1         | 1         | PI/2 BPSK | 25.98  | 26.19  | 26.64   | 26.48      | 0.4446  |  |  |
| 30                                                           | 1         | 76        |           | 26.38  | 26.43  | 26.10   |            |         |  |  |
| 30                                                           | 36        | 18        |           | 26.05  | 26.31  | 26.29   |            |         |  |  |
| 30                                                           | 1         | 0         |           | 22.44  | 22.65  | 23.09   |            |         |  |  |
| 30                                                           | 1         | 77        |           | 22.85  | 22.85  | 22.58   |            |         |  |  |
| 30                                                           | 75        | 0         |           | 25.55  | 25.82  | 25.79   |            |         |  |  |
| 30                                                           | 1         | 1         | QPSK      | 25.98  | 26.19  | 26.57   |            |         |  |  |
| 30                                                           | 1         | 76        |           | 26.31  | 26.40  | 26.03   |            |         |  |  |
| 30                                                           | 36        | 18        |           | 26.00  | 26.32  | 26.31   |            |         |  |  |
| 30                                                           | 1         | 0         |           | 22.37  | 22.63  | 23.06   |            |         |  |  |
| 30                                                           | 1         | 77        |           | 22.79  | 22.88  | 22.52   |            |         |  |  |
| 30                                                           | 75        | 0         |           | 25.06  | 25.34  | 25.32   |            |         |  |  |
| 30                                                           | 1         | 1         | 16-QAM    | 25.10  | 25.28  | 25.70   | 25.54      | 0.3581  |  |  |
| 30                                                           | 1         | 1         | 64-QAM    | 23.63  | 23.59  | 24.24   |            |         |  |  |
| 30                                                           | 1         | 1         | 256-QAM   | 21.17  | 21.41  | 21.87   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                           | 1         | 1         | PI/2 BPSK | 26.04  | 26.04  | 26.91   | 26.75      | 0.4732  |  |  |
| 40                                                           | 1         | 104       |           | 26.39  | 26.37  | 26.13   |            |         |  |  |
| 40                                                           | 50        | 25        |           | 26.11  | 26.30  | 26.57   |            |         |  |  |
| 40                                                           | 1         | 0         |           | 22.46  | 22.56  | 23.32   |            |         |  |  |
| 40                                                           | 1         | 105       |           | 22.91  | 22.86  | 22.62   |            |         |  |  |
| 40                                                           | 100       | 0         |           | 25.67  | 25.83  | 26.05   |            |         |  |  |
| 40                                                           | 1         | 1         | QPSK      | 25.87  | 26.03  | 26.83   |            |         |  |  |
| 40                                                           | 1         | 104       |           | 26.37  | 26.35  | 26.10   |            |         |  |  |
| 40                                                           | 50        | 25        |           | 26.08  | 26.32  | 26.52   |            |         |  |  |
| 40                                                           | 1         | 0         |           | 22.49  | 22.51  | 23.30   |            |         |  |  |
| 40                                                           | 1         | 105       |           | 22.89  | 22.87  | 22.57   |            |         |  |  |
| 40                                                           | 100       | 0         |           | 25.22  | 25.34  | 25.58   |            |         |  |  |
| 40                                                           | 1         | 1         | 16-QAM    | 25.17  | 25.16  | 25.91   | 25.75      | 0.3758  |  |  |
| 40                                                           | 1         | 1         | 64-QAM    | 23.55  | 23.63  | 24.38   |            |         |  |  |
| 40                                                           | 1         | 1         | 256-QAM   | 21.34  | 21.29  | 22.18   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 50                                                           | 1         | 1         | PI/2 BPSK | 25.99  | 25.85  | 26.51   | 26.50      | 0.4467  |  |  |
| 50                                                           | 1         | 131       |           | 26.21  | 26.36  | 26.16   |            |         |  |  |
| 50                                                           | 64        | 32        |           | 26.19  | 26.21  | 26.66   |            |         |  |  |
| 50                                                           | 1         | 0         |           | 22.43  | 22.33  | 22.98   |            |         |  |  |
| 50                                                           | 1         | 132       |           | 22.70  | 22.83  | 22.56   |            |         |  |  |
| 50                                                           | 128       | 0         |           | 25.63  | 25.66  | 26.06   |            |         |  |  |
| 50                                                           | 1         | 1         | QPSK      | 25.93  | 25.82  | 26.43   |            |         |  |  |
| 50                                                           | 1         | 131       |           | 26.17  | 26.34  | 26.16   |            |         |  |  |
| 50                                                           | 64        | 32        |           | 26.18  | 26.22  | 26.63   |            |         |  |  |
| 50                                                           | 1         | 0         |           | 22.46  | 22.32  | 22.91   |            |         |  |  |
| 50                                                           | 1         | 132       |           | 22.62  | 22.89  | 22.50   |            |         |  |  |
| 50                                                           | 128       | 0         |           | 25.15  | 25.13  | 25.53   |            |         |  |  |
| 50                                                           | 1         | 1         | 16-QAM    | 25.11  | 25.04  | 25.51   | 25.35      | 0.3428  |  |  |
| 50                                                           | 1         | 1         | 64-QAM    | 23.56  | 23.54  | 24.01   |            |         |  |  |
| 50                                                           | 1         | 1         | 256-QAM   | 21.22  | 21.09  | 21.74   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 60                                                           | 1         | 1         | PI/2 BPSK | 25.86  | 25.74  | 26.21   | 26.58      | 0.4550  |  |  |
| 60                                                           | 1         | 160       |           | 26.06  | 26.51  | 26.16   |            |         |  |  |
| 60                                                           | 81        | 40        |           | 26.24  | 26.21  | 26.74   |            |         |  |  |
| 60                                                           | 1         | 0         |           | 22.35  | 22.21  | 22.68   |            |         |  |  |
| 60                                                           | 1         | 161       |           | 22.49  | 23.00  | 22.58   |            |         |  |  |
| 60                                                           | 162       | 0         |           | 25.65  | 25.74  | 26.10   |            |         |  |  |
| 60                                                           | 1         | 1         | QPSK      | 25.83  | 25.73  | 26.18   |            |         |  |  |
| 60                                                           | 1         | 160       |           | 26.04  | 26.51  | 26.11   |            |         |  |  |
| 60                                                           | 81        | 40        |           | 26.23  | 26.19  | 26.73   |            |         |  |  |
| 60                                                           | 1         | 0         |           | 22.30  | 22.20  | 22.69   |            |         |  |  |
| 60                                                           | 1         | 161       |           | 22.58  | 23.00  | 22.57   |            |         |  |  |
| 60                                                           | 162       | 0         |           | 25.17  | 25.26  | 25.62   |            |         |  |  |
| 60                                                           | 1         | 1         | 16-QAM    | 25.01  | 24.82  | 25.25   | 25.09      | 0.3228  |  |  |
| 60                                                           | 1         | 1         | 64-QAM    | 23.40  | 23.30  | 23.78   |            |         |  |  |
| 60                                                           | 1         | 1         | 256-QAM   | 21.23  | 20.94  | 21.40   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 70                                                           | 1         | 1         | PI/2 BPSK | 25.93  | 25.68  | 25.96   | 26.67      | 0.4645  |  |  |
| 70                                                           | 1         | 187       |           | 26.12  | 26.60  | 26.25   |            |         |  |  |
| 70                                                           | 90        | 45        |           | 26.11  | 26.22  | 26.83   |            |         |  |  |
| 70                                                           | 1         | 0         |           | 22.35  | 22.18  | 22.46   |            |         |  |  |
| 70                                                           | 1         | 188       |           | 22.60  | 23.16  | 22.72   |            |         |  |  |
| 70                                                           | 180       | 0         |           | 25.64  | 25.66  | 26.11   |            |         |  |  |
| 70                                                           | 1         | 1         | QPSK      | 25.89  | 25.67  | 25.85   |            |         |  |  |
| 70                                                           | 1         | 187       |           | 26.15  | 26.58  | 26.20   |            |         |  |  |
| 70                                                           | 90        | 45        |           | 26.20  | 26.25  | 26.82   |            |         |  |  |
| 70                                                           | 1         | 0         |           | 22.25  | 22.14  | 22.42   |            |         |  |  |
| 70                                                           | 1         | 188       |           | 22.58  | 23.25  | 22.66   |            |         |  |  |
| 70                                                           | 180       | 0         |           | 25.17  | 25.17  | 25.60   |            |         |  |  |
| 70                                                           | 1         | 1         | 16-QAM    | 24.98  | 24.71  | 25.08   | 24.92      | 0.3105  |  |  |
| 70                                                           | 1         | 1         | 64-QAM    | 23.45  | 23.22  | 23.48   |            |         |  |  |
| 70                                                           | 1         | 1         | 256-QAM   | 21.17  | 21.11  | 21.18   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 80                                                           | 1         | 1         | PI/2 BPSK | 25.83  | 25.74  | 25.79   | 26.64      | 0.4613  |  |  |
| 80                                                           | 1         | 215       |           | 26.27  | 26.73  | 26.20   |            |         |  |  |
| 80                                                           | 108       | 54        |           | 26.21  | 26.26  | 26.80   |            |         |  |  |
| 80                                                           | 1         | 0         |           | 22.30  | 22.24  | 22.26   |            |         |  |  |
| 80                                                           | 1         | 216       |           | 22.81  | 23.35  | 22.71   |            |         |  |  |
| 80                                                           | 216       | 0         |           | 25.63  | 25.67  | 26.00   |            |         |  |  |
| 80                                                           | 1         | 1         | QPSK      | 25.77  | 25.69  | 25.75   |            |         |  |  |
| 80                                                           | 1         | 215       |           | 26.26  | 26.67  | 26.13   |            |         |  |  |
| 80                                                           | 108       | 54        |           | 26.21  | 26.26  | 26.80   |            |         |  |  |
| 80                                                           | 1         | 0         |           | 22.28  | 22.25  | 22.20   |            |         |  |  |
| 80                                                           | 1         | 216       |           | 22.77  | 23.24  | 22.62   |            |         |  |  |
| 80                                                           | 216       | 0         |           | 25.16  | 25.17  | 25.46   |            |         |  |  |
| 80                                                           | 1         | 1         | 16-QAM    | 24.91  | 24.86  | 24.89   | 24.75      | 0.2985  |  |  |
| 80                                                           | 1         | 1         | 64-QAM    | 23.38  | 23.28  | 23.32   |            |         |  |  |
| 80                                                           | 1         | 1         | 256-QAM   | 21.11  | 21.05  | 21.06   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 90                                                           | 1         | 1         | PI/2 BPSK | 25.85  | 25.84  | 25.86   | 26.64      | 0.4613  |  |  |
| 90                                                           | 1         | 243       |           | 26.57  | 26.70  | 26.26   |            |         |  |  |
| 90                                                           | 120       | 60        |           | 26.23  | 26.23  | 26.73   |            |         |  |  |
| 90                                                           | 1         | 0         |           | 22.33  | 22.29  | 22.34   |            |         |  |  |
| 90                                                           | 1         | 244       |           | 23.09  | 23.35  | 22.60   |            |         |  |  |
| 90                                                           | 243       | 0         |           | 25.68  | 25.76  | 25.89   |            |         |  |  |
| 90                                                           | 1         | 1         | QPSK      | 25.81  | 25.76  | 25.83   |            |         |  |  |
| 90                                                           | 1         | 243       |           | 26.57  | 26.80  | 26.17   |            |         |  |  |
| 90                                                           | 120       | 60        |           | 26.17  | 26.21  | 26.70   |            |         |  |  |
| 90                                                           | 1         | 0         |           | 22.36  | 22.28  | 22.35   |            |         |  |  |
| 90                                                           | 1         | 244       |           | 23.05  | 23.37  | 22.65   |            |         |  |  |
| 90                                                           | 243       | 0         |           | 25.18  | 25.27  | 25.43   |            |         |  |  |
| 90                                                           | 1         | 1         | 16-QAM    | 24.95  | 24.89  | 25.00   | 24.84      | 0.3048  |  |  |
| 90                                                           | 1         | 1         | 64-QAM    | 23.34  | 23.34  | 23.45   |            |         |  |  |
| 90                                                           | 1         | 1         | 256-QAM   | 20.92  | 21.09  | 21.06   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |

| NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.16 dB) |           |           |           |        |        |         |            |         |  |  |
|--------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 100                                                          | 1         | 1         | PI/2 BPSK | 25.85  | 25.77  | 25.88   | 26.91      | 0.4909  |  |  |
| 100                                                          | 1         | 271       |           | 26.77  | 27.07  | 26.26   |            |         |  |  |
| 100                                                          | 135       | 67        |           | 26.20  | 26.23  | 26.65   |            |         |  |  |
| 100                                                          | 1         | 0         |           | 22.26  | 22.32  | 22.38   |            |         |  |  |
| 100                                                          | 1         | 272       |           | 23.21  | 23.53  | 22.69   |            |         |  |  |
| 100                                                          | 270       | 0         |           | 25.69  | 25.80  | 25.94   |            |         |  |  |
| 100                                                          | 1         | 1         | QPSK      | 25.77  | 25.82  | 25.87   |            |         |  |  |
| 100                                                          | 1         | 271       |           | 26.67  | 27.00  | 26.20   |            |         |  |  |
| 100                                                          | 135       | 67        |           | 26.24  | 26.20  | 26.60   |            |         |  |  |
| 100                                                          | 1         | 0         |           | 22.30  | 22.29  | 22.34   |            |         |  |  |
| 100                                                          | 1         | 272       |           | 23.19  | 23.54  | 22.70   |            |         |  |  |
| 100                                                          | 270       | 0         |           | 25.21  | 25.28  | 25.44   |            |         |  |  |
| 100                                                          | 1         | 1         | 16-QAM    | 25.02  | 24.95  | 24.78   | 24.86      | 0.3062  |  |  |
| 100                                                          | 1         | 1         | 64-QAM    | 23.39  | 23.35  | 23.40   |            |         |  |  |
| 100                                                          | 1         | 1         | 256-QAM   | 20.91  | 21.07  | 21.18   |            |         |  |  |
| Limit                                                        | EIRP < 2W |           |           | Result |        |         | Pass       |         |  |  |



| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 5                                                       | 1         | 1         | PI/2 BPSK | 23.95  | 23.81  | 23.79   | 23.87      | 0.2438  |  |  |
| 5                                                       | 1         | 23        |           | 23.80  | 23.76  | 23.83   |            |         |  |  |
| 5                                                       | 12        | 6         |           | 23.89  | 23.83  | 23.86   |            |         |  |  |
| 5                                                       | 1         | 0         |           | 23.49  | 23.43  | 23.26   |            |         |  |  |
| 5                                                       | 1         | 24        |           | 23.42  | 23.38  | 23.29   |            |         |  |  |
| 5                                                       | 25        | 0         |           | 23.41  | 23.33  | 23.38   |            |         |  |  |
| 5                                                       | 1         | 1         | QPSK      | 23.92  | 23.90  | 23.87   |            |         |  |  |
| 5                                                       | 1         | 23        |           | 23.90  | 23.88  | 23.86   |            |         |  |  |
| 5                                                       | 12        | 6         |           | 23.89  | 23.85  | 23.78   |            |         |  |  |
| 5                                                       | 1         | 0         |           | 22.88  | 22.83  | 22.94   |            |         |  |  |
| 5                                                       | 1         | 24        |           | 22.81  | 22.74  | 22.82   |            |         |  |  |
| 5                                                       | 25        | 0         |           | 22.89  | 22.87  | 22.90   |            |         |  |  |
| 5                                                       | 1         | 1         | 16-QAM    | 22.88  | 22.85  | 22.87   | 22.80      | 0.1905  |  |  |
| 5                                                       | 1         | 1         | 64-QAM    | 21.57  | 21.61  | 21.53   |            |         |  |  |
| 5                                                       | 1         | 1         | 256-QAM   | 18.98  | 18.86  | 18.83   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                      | 1         | 1         | PI/2 BPSK | 23.76  | 23.82  | 23.79   | 23.85      | 0.2427  |  |  |
| 10                                                      | 1         | 50        |           | 23.77  | 23.75  | 23.70   |            |         |  |  |
| 10                                                      | 25        | 12        |           | 23.93  | 23.85  | 23.88   |            |         |  |  |
| 10                                                      | 1         | 0         |           | 23.44  | 23.29  | 23.36   |            |         |  |  |
| 10                                                      | 1         | 51        |           | 23.39  | 23.40  | 23.27   |            |         |  |  |
| 10                                                      | 50        | 0         |           | 23.41  | 23.39  | 23.35   |            |         |  |  |
| 10                                                      | 1         | 1         | QPSK      | 23.90  | 23.75  | 23.85   |            |         |  |  |
| 10                                                      | 1         | 50        |           | 23.87  | 23.83  | 23.78   |            |         |  |  |
| 10                                                      | 25        | 12        |           | 23.90  | 23.92  | 23.92   |            |         |  |  |
| 10                                                      | 1         | 0         |           | 22.91  | 22.80  | 22.81   |            |         |  |  |
| 10                                                      | 1         | 51        |           | 22.81  | 22.77  | 22.76   |            |         |  |  |
| 10                                                      | 50        | 0         |           | 22.89  | 22.84  | 22.89   |            |         |  |  |
| 10                                                      | 1         | 1         | 16-QAM    | 22.88  | 22.79  | 22.87   | 22.80      | 0.1905  |  |  |
| 10                                                      | 1         | 1         | 64-QAM    | 21.58  | 21.53  | 21.59   |            |         |  |  |
| 10                                                      | 1         | 1         | 256-QAM   | 18.92  | 18.72  | 18.84   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                      | 1         | 1         | PI/2 BPSK | 23.90  | 23.84  | 23.87   | 23.95      | 0.2483  |  |  |
| 15                                                      | 1         | 77        |           | 23.80  | 23.81  | 23.69   |            |         |  |  |
| 15                                                      | 36        | 18        |           | 23.94  | 23.90  | 23.88   |            |         |  |  |
| 15                                                      | 1         | 0         |           | 23.46  | 23.50  | 23.39   |            |         |  |  |
| 15                                                      | 1         | 78        |           | 23.36  | 23.43  | 23.35   |            |         |  |  |
| 15                                                      | 75        | 0         |           | 23.51  | 23.40  | 23.41   |            |         |  |  |
| 15                                                      | 1         | 1         | QPSK      | 24.03  | 23.92  | 23.92   |            |         |  |  |
| 15                                                      | 1         | 77        |           | 23.89  | 23.94  | 23.85   |            |         |  |  |
| 15                                                      | 36        | 18        |           | 23.97  | 23.85  | 23.87   |            |         |  |  |
| 15                                                      | 1         | 0         |           | 22.99  | 22.85  | 22.84   |            |         |  |  |
| 15                                                      | 1         | 78        |           | 22.90  | 22.88  | 22.71   |            |         |  |  |
| 15                                                      | 75        | 0         |           | 22.97  | 22.96  | 22.89   |            |         |  |  |
| 15                                                      | 1         | 1         | 16-QAM    | 22.91  | 22.91  | 22.86   | 22.83      | 0.1919  |  |  |
| 15                                                      | 1         | 1         | 64-QAM    | 21.74  | 21.79  | 21.69   |            |         |  |  |
| 15                                                      | 1         | 1         | 256-QAM   | 18.91  | 18.83  | 18.80   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                      | 1         | 1         | PI/2 BPSK | 23.95  | 23.91  | 23.86   | 23.99      | 0.2506  |  |  |
| 20                                                      | 1         | 104       |           | 23.94  | 23.81  | 23.71   |            |         |  |  |
| 20                                                      | 50        | 25        |           | 23.96  | 23.93  | 23.94   |            |         |  |  |
| 20                                                      | 1         | 0         |           | 23.44  | 23.34  | 23.40   |            |         |  |  |
| 20                                                      | 1         | 105       |           | 23.33  | 23.30  | 23.33   |            |         |  |  |
| 20                                                      | 100       | 0         |           | 23.47  | 23.45  | 23.37   |            |         |  |  |
| 20                                                      | 1         | 1         | QPSK      | 24.07  | 23.98  | 23.94   |            |         |  |  |
| 20                                                      | 1         | 104       |           | 23.89  | 23.89  | 23.82   |            |         |  |  |
| 20                                                      | 50        | 25        |           | 23.94  | 23.91  | 23.88   |            |         |  |  |
| 20                                                      | 1         | 0         |           | 22.99  | 22.98  | 22.89   |            |         |  |  |
| 20                                                      | 1         | 105       |           | 22.91  | 22.91  | 22.77   |            |         |  |  |
| 20                                                      | 100       | 0         |           | 22.98  | 22.93  | 22.98   |            |         |  |  |
| 20                                                      | 1         | 1         | 16-QAM    | 22.97  | 22.91  | 22.88   | 22.89      | 0.1945  |  |  |
| 20                                                      | 1         | 1         | 64-QAM    | 21.67  | 21.64  | 21.60   |            |         |  |  |
| 20                                                      | 1         | 1         | 256-QAM   | 18.92  | 18.78  | 18.81   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 25                                                      | 1         | 1         | PI/2 BPSK | 24.09  | 24.07  | 23.97   | 24.18      | 0.2618  |  |  |
| 25                                                      | 1         | 131       |           | 24.25  | 24.14  | 24.10   |            |         |  |  |
| 25                                                      | 64        | 32        |           | 23.96  | 23.92  | 23.94   |            |         |  |  |
| 25                                                      | 1         | 0         |           | 23.69  | 23.67  | 23.50   |            |         |  |  |
| 25                                                      | 1         | 132       |           | 23.83  | 23.89  | 23.73   |            |         |  |  |
| 25                                                      | 128       | 0         |           | 23.39  | 23.35  | 23.42   |            |         |  |  |
| 25                                                      | 1         | 1         | QPSK      | 24.14  | 24.06  | 24.01   |            |         |  |  |
| 25                                                      | 1         | 131       |           | 24.22  | 24.26  | 24.19   |            |         |  |  |
| 25                                                      | 64        | 32        |           | 24.01  | 23.89  | 23.84   |            |         |  |  |
| 25                                                      | 1         | 0         |           | 23.29  | 23.04  | 23.13   |            |         |  |  |
| 25                                                      | 1         | 132       |           | 23.36  | 23.32  | 23.32   |            |         |  |  |
| 25                                                      | 128       | 0         |           | 22.95  | 22.89  | 22.81   |            |         |  |  |
| 25                                                      | 1         | 1         | 16-QAM    | 23.02  | 23.01  | 23.04   | 22.96      | 0.1977  |  |  |
| 25                                                      | 1         | 1         | 64-QAM    | 21.71  | 21.77  | 21.72   |            |         |  |  |
| 25                                                      | 1         | 1         | 256-QAM   | 19.09  | 19.06  | 19.01   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                      | 1         | 1         | PI/2 BPSK | 24.01  | 24.02  | 23.83   | 24.01      | 0.2518  |  |  |
| 30                                                      | 1         | 158       |           | 24.07  | 24.01  | 23.85   |            |         |  |  |
| 30                                                      | 80        | 40        |           | 23.87  | 23.92  | 23.82   |            |         |  |  |
| 30                                                      | 1         | 0         |           | 23.51  | 23.52  | 23.50   |            |         |  |  |
| 30                                                      | 1         | 159       |           | 23.45  | 23.48  | 23.40   |            |         |  |  |
| 30                                                      | 160       | 0         |           | 23.54  | 23.42  | 23.42   |            |         |  |  |
| 30                                                      | 1         | 1         | QPSK      | 24.09  | 24.03  | 23.95   |            |         |  |  |
| 30                                                      | 1         | 158       |           | 23.93  | 24.00  | 23.87   |            |         |  |  |
| 30                                                      | 80        | 40        |           | 23.92  | 23.92  | 23.87   |            |         |  |  |
| 30                                                      | 1         | 0         |           | 23.09  | 23.04  | 22.87   |            |         |  |  |
| 30                                                      | 1         | 159       |           | 23.03  | 22.94  | 22.94   |            |         |  |  |
| 30                                                      | 160       | 0         |           | 23.04  | 22.97  | 22.94   |            |         |  |  |
| 30                                                      | 1         | 1         | 16-QAM    | 22.97  | 23.03  | 22.86   | 22.95      | 0.1972  |  |  |
| 30                                                      | 1         | 1         | 64-QAM    | 21.74  | 21.58  | 21.61   |            |         |  |  |
| 30                                                      | 1         | 1         | 256-QAM   | 18.96  | 18.83  | 18.93   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



# FCC RADIO TEST REPORT

Report No. : FG4O2225C

| NR n66 Maximum Average Power [dBm] (GT - LC = -0.08 dB) |           |           |           |        |        |         |            |         |  |  |
|---------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                      | 1         | 1         | PI/2 BPSK | 24.09  | 24.01  | 23.89   | 24.09      | 0.2564  |  |  |
| 40                                                      | 1         | 214       |           | 24.00  | 23.96  | 23.85   |            |         |  |  |
| 40                                                      | 108       | 54        |           | 23.97  | 23.98  | 23.98   |            |         |  |  |
| 40                                                      | 1         | 0         |           | 23.64  | 23.62  | 23.39   |            |         |  |  |
| 40                                                      | 1         | 215       |           | 23.43  | 23.58  | 23.45   |            |         |  |  |
| 40                                                      | 216       | 0         |           | 23.51  | 23.46  | 23.45   |            |         |  |  |
| 40                                                      | 1         | 1         | QPSK      | 24.17  | 24.02  | 23.97   |            |         |  |  |
| 40                                                      | 1         | 214       |           | 24.09  | 24.05  | 23.98   |            |         |  |  |
| 40                                                      | 108       | 54        |           | 24.04  | 24.02  | 23.90   |            |         |  |  |
| 40                                                      | 1         | 0         |           | 23.19  | 23.05  | 22.98   |            |         |  |  |
| 40                                                      | 1         | 215       |           | 23.04  | 23.05  | 22.93   |            |         |  |  |
| 40                                                      | 216       | 0         |           | 23.04  | 23.00  | 22.87   |            |         |  |  |
| 40                                                      | 1         | 1         | 16-QAM    | 23.34  | 22.96  | 22.90   | 23.26      | 0.2118  |  |  |
| 40                                                      | 1         | 1         | 64-QAM    | 21.76  | 21.70  | 21.69   |            |         |  |  |
| 40                                                      | 1         | 1         | 256-QAM   | 19.75  | 18.99  | 18.96   |            |         |  |  |
| Limit                                                   | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| NR n71 Maximum Average Power [dBm] (GT - LC = -0.11 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 5                                                       | 1        | 1         | PI/2 BPSK | 23.78  | 23.81  | 23.60   | 21.65     | 0.1462 |  |  |
| 5                                                       | 1        | 23        |           | 23.79  | 23.76  | 23.46   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.80  | 23.90  | 23.57   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 23.34  | 23.22  | 23.05   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 23.23  | 23.25  | 22.92   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 23.24  | 23.32  | 23.06   |           |        |  |  |
| 5                                                       | 1        | 1         | QPSK      | 23.88  | 23.72  | 23.55   |           |        |  |  |
| 5                                                       | 1        | 23        |           | 23.85  | 23.69  | 23.55   |           |        |  |  |
| 5                                                       | 12       | 6         |           | 23.91  | 23.87  | 23.56   |           |        |  |  |
| 5                                                       | 1        | 0         |           | 22.88  | 22.75  | 22.57   |           |        |  |  |
| 5                                                       | 1        | 24        |           | 22.81  | 22.66  | 22.49   |           |        |  |  |
| 5                                                       | 25       | 0         |           | 22.89  | 22.86  | 22.59   |           |        |  |  |
| 5                                                       | 1        | 1         | 16-QAM    | 22.86  | 22.72  | 22.52   | 20.60     | 0.1148 |  |  |
| 5                                                       | 1        | 1         | 64-QAM    | 21.53  | 21.37  | 21.23   |           |        |  |  |
| 5                                                       | 1        | 1         | 256-QAM   | 18.82  | 18.77  | 18.61   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |

| NR n71 Maximum Average Power [dBm] (GT - LC = -0.11 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 10                                                      | 1        | 1         | PI/2 BPSK | 23.89  | 23.77  | 23.66   | 21.63     | 0.1455 |  |  |
| 10                                                      | 1        | 50        |           | 23.73  | 23.64  | 23.43   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.79  | 23.75  | 23.54   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 23.30  | 23.29  | 23.10   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 23.17  | 23.18  | 22.90   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 23.31  | 23.31  | 23.09   |           |        |  |  |
| 10                                                      | 1        | 1         | QPSK      | 23.86  | 23.69  | 23.75   |           |        |  |  |
| 10                                                      | 1        | 50        |           | 23.70  | 23.67  | 23.43   |           |        |  |  |
| 10                                                      | 25       | 12        |           | 23.82  | 23.77  | 23.57   |           |        |  |  |
| 10                                                      | 1        | 0         |           | 22.85  | 22.69  | 22.63   |           |        |  |  |
| 10                                                      | 1        | 51        |           | 22.73  | 22.58  | 22.36   |           |        |  |  |
| 10                                                      | 50       | 0         |           | 22.80  | 22.71  | 22.56   |           |        |  |  |
| 10                                                      | 1        | 1         | 16-QAM    | 22.82  | 22.79  | 22.64   | 20.56     | 0.1138 |  |  |
| 10                                                      | 1        | 1         | 64-QAM    | 21.53  | 21.36  | 21.33   |           |        |  |  |
| 10                                                      | 1        | 1         | 256-QAM   | 18.80  | 18.73  | 18.76   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |



| NR n71 Maximum Average Power [dBm] (GT - LC = -0.11 dB) |          |           |           |        |        |         |           |        |  |  |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |  |  |
| 15                                                      | 1        | 1         | PI/2 BPSK | 23.92  | 23.75  | 23.62   | 21.72     | 0.1486 |  |  |
| 15                                                      | 1        | 77        |           | 23.74  | 23.71  | 23.44   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.98  | 23.89  | 23.82   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 23.38  | 23.19  | 23.19   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 23.27  | 23.17  | 23.00   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 23.41  | 23.34  | 23.21   |           |        |  |  |
| 15                                                      | 1        | 1         | QPSK      | 23.93  | 23.82  | 23.73   |           |        |  |  |
| 15                                                      | 1        | 77        |           | 23.79  | 23.72  | 23.49   |           |        |  |  |
| 15                                                      | 36       | 18        |           | 23.94  | 23.90  | 23.75   |           |        |  |  |
| 15                                                      | 1        | 0         |           | 22.88  | 22.76  | 22.59   |           |        |  |  |
| 15                                                      | 1        | 78        |           | 22.73  | 22.74  | 22.44   |           |        |  |  |
| 15                                                      | 75       | 0         |           | 22.91  | 22.83  | 22.65   |           |        |  |  |
| 15                                                      | 1        | 1         | 16-QAM    | 22.82  | 22.70  | 22.63   | 20.56     | 0.1138 |  |  |
| 15                                                      | 1        | 1         | 64-QAM    | 21.54  | 21.45  | 21.35   |           |        |  |  |
| 15                                                      | 1        | 1         | 256-QAM   | 18.71  | 18.58  | 18.74   |           |        |  |  |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |  |  |

| NR n71 Maximum Average Power [dBm] (GT - LC = -0.11 dB) |          |           |           |        |        |         |           |        |       |        |
|---------------------------------------------------------|----------|-----------|-----------|--------|--------|---------|-----------|--------|-------|--------|
| BW [MHz]                                                | RB Size  | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP(W) |       |        |
| 20                                                      | 1        | 1         | PI/2 BPSK | 23.67  | 23.56  | 23.53   | 21.70     | 0.1479 |       |        |
| 20                                                      | 1        | 104       |           | 23.62  | 23.52  | 23.40   |           |        |       |        |
| 20                                                      | 50       | 25        |           | 23.91  | 23.87  | 23.76   |           |        |       |        |
| 20                                                      | 1        | 0         |           | 23.14  | 23.07  | 22.94   |           |        |       |        |
| 20                                                      | 1        | 105       |           | 23.14  | 22.99  | 22.88   |           |        |       |        |
| 20                                                      | 100      | 0         |           | 23.29  | 23.28  | 23.18   |           |        |       |        |
| 20                                                      | 1        | 1         | QPSK      | 23.72  | 23.68  | 23.51   |           |        | 20.41 | 0.1099 |
| 20                                                      | 1        | 104       |           | 23.69  | 23.64  | 23.49   |           |        |       |        |
| 20                                                      | 50       | 25        |           | 23.96  | 23.92  | 23.72   |           |        |       |        |
| 20                                                      | 1        | 0         |           | 22.53  | 22.80  | 22.24   |           |        |       |        |
| 20                                                      | 1        | 105       |           | 22.69  | 22.58  | 22.46   |           |        |       |        |
| 20                                                      | 100      | 0         |           | 22.83  | 22.77  | 22.67   |           |        |       |        |
| 20                                                      | 1        | 1         | 16-QAM    | 22.67  | 22.64  | 22.51   | 20.41     | 0.1099 |       |        |
| 20                                                      | 1        | 1         | 64-QAM    | 21.41  | 21.34  | 21.29   |           |        |       |        |
| 20                                                      | 1        | 1         | 256-QAM   | 18.50  | 18.46  | 18.56   |           |        |       |        |
| Limit                                                   | ERP < 3W |           |           | Result |        |         | Pass      |        |       |        |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                                    | 1         | 1         | PI/2 BPSK | 26.45  | 26.69  | 26.38   | 25.18      | 0.3296  |  |  |
| 10                                                                    | 1         | 22        |           | 26.38  | 26.64  | 26.58   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.52  | 26.74  | 26.51   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 22.90  | 23.12  | 22.95   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.94  | 23.12  | 23.01   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 26.02  | 26.19  | 26.08   |            |         |  |  |
| 10                                                                    | 1         | 1         | QPSK      | 26.30  | 26.73  | 26.43   |            |         |  |  |
| 10                                                                    | 1         | 22        |           | 26.41  | 26.65  | 26.56   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.50  | 26.72  | 26.51   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 22.81  | 23.17  | 22.91   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.89  | 23.10  | 23.09   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 25.43  | 25.69  | 25.49   |            |         |  |  |
| 10                                                                    | 1         | 1         | 16-QAM    | 25.38  | 25.79  | 25.55   | 24.23      | 0.2649  |  |  |
| 10                                                                    | 1         | 1         | 64-QAM    | 23.93  | 24.23  | 24.01   |            |         |  |  |
| 10                                                                    | 1         | 1         | 256-QAM   | 21.62  | 21.92  | 21.64   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                                    | 1         | 1         | PI/2 BPSK | 26.38  | 26.71  | 26.51   | 25.3       | 0.3388  |  |  |
| 15                                                                    | 1         | 36        |           | 26.39  | 26.79  | 26.58   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.48  | 26.86  | 26.58   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 22.91  | 23.14  | 23.00   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 22.89  | 23.13  | 22.94   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.97  | 26.33  | 26.08   |            |         |  |  |
| 15                                                                    | 1         | 1         | QPSK      | 26.35  | 26.69  | 26.47   |            |         |  |  |
| 15                                                                    | 1         | 36        |           | 26.34  | 26.76  | 26.53   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.47  | 26.86  | 26.59   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 22.84  | 23.15  | 22.94   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 22.84  | 23.15  | 22.99   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.43  | 25.82  | 25.51   |            |         |  |  |
| 15                                                                    | 1         | 1         | 16-QAM    | 25.47  | 25.81  | 25.63   | 24.25      | 0.2661  |  |  |
| 15                                                                    | 1         | 1         | 64-QAM    | 23.90  | 24.15  | 24.08   |            |         |  |  |
| 15                                                                    | 1         | 1         | 256-QAM   | 21.65  | 21.95  | 21.71   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                                    | 1         | 1         | PI/2 BPSK | 26.49  | 26.79  | 26.37   | 25.35      | 0.3428  |  |  |
| 20                                                                    | 1         | 49        |           | 26.50  | 26.75  | 26.55   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.56  | 26.91  | 26.56   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 23.05  | 23.24  | 22.89   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 22.92  | 23.22  | 23.00   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 26.05  | 26.37  | 26.04   |            |         |  |  |
| 20                                                                    | 1         | 1         | QPSK      | 26.49  | 26.72  | 26.37   |            |         |  |  |
| 20                                                                    | 1         | 49        |           | 26.52  | 26.68  | 26.55   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.58  | 26.88  | 26.62   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 22.87  | 23.22  | 22.81   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 22.94  | 23.16  | 23.01   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 25.54  | 25.82  | 25.59   |            |         |  |  |
| 20                                                                    | 1         | 1         | 16-QAM    | 25.61  | 25.69  | 25.55   | 24.13      | 0.2588  |  |  |
| 20                                                                    | 1         | 1         | 64-QAM    | 24.09  | 24.33  | 23.98   |            |         |  |  |
| 20                                                                    | 1         | 1         | 256-QAM   | 21.72  | 22.01  | 21.67   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                                    | 1         | 1         | PI/2 BPSK | 26.40  | 26.82  | 26.50   | 25.38      | 0.3451  |  |  |
| 30                                                                    | 1         | 76        |           | 26.61  | 26.80  | 26.56   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.51  | 26.94  | 26.46   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 23.02  | 23.30  | 23.00   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.05  | 23.24  | 23.13   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.99  | 26.36  | 26.01   |            |         |  |  |
| 30                                                                    | 1         | 1         | QPSK      | 26.37  | 26.82  | 26.51   |            |         |  |  |
| 30                                                                    | 1         | 76        |           | 26.56  | 26.79  | 26.57   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.45  | 26.86  | 26.43   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 22.95  | 23.22  | 22.95   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.11  | 23.22  | 23.08   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.52  | 25.87  | 25.47   |            |         |  |  |
| 30                                                                    | 1         | 1         | 16-QAM    | 25.52  | 25.91  | 25.69   | 24.35      | 0.2723  |  |  |
| 30                                                                    | 1         | 1         | 64-QAM    | 23.96  | 24.44  | 24.09   |            |         |  |  |
| 30                                                                    | 1         | 1         | 256-QAM   | 21.74  | 22.17  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                                    | 1         | 1         | PI/2 BPSK | 26.51  | 26.86  | 26.57   | 25.3       | 0.3388  |  |  |
| 40                                                                    | 1         | 104       |           | 26.71  | 26.71  | 26.67   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.51  | 26.82  | 26.57   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.12  | 23.27  | 23.10   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.27  | 23.16  | 23.14   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 26.01  | 26.31  | 26.12   |            |         |  |  |
| 40                                                                    | 1         | 1         | QPSK      | 26.54  | 26.84  | 26.50   |            |         |  |  |
| 40                                                                    | 1         | 104       |           | 26.67  | 26.71  | 26.71   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.48  | 26.83  | 26.60   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.07  | 23.29  | 23.07   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.15  | 23.18  | 23.13   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 25.57  | 25.83  | 25.66   |            |         |  |  |
| 40                                                                    | 1         | 1         | 16-QAM    | 25.65  | 25.93  | 25.68   | 24.37      | 0.2735  |  |  |
| 40                                                                    | 1         | 1         | 64-QAM    | 24.27  | 24.31  | 24.09   |            |         |  |  |
| 40                                                                    | 1         | 1         | 256-QAM   | 21.85  | 22.17  | 21.82   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 50                                                                    | 1         | 1         | PI/2 BPSK | 26.30  | 26.63  | 26.37   | 25.14      | 0.3266  |  |  |
| 50                                                                    | 1         | 131       |           | 26.42  | 26.67  | 26.34   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.40  | 26.70  | 26.33   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 22.67  | 23.01  | 22.83   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.80  | 23.08  | 22.83   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.87  | 26.10  | 25.82   |            |         |  |  |
| 50                                                                    | 1         | 1         | QPSK      | 26.19  | 26.65  | 26.19   |            |         |  |  |
| 50                                                                    | 1         | 131       |           | 26.34  | 26.56  | 26.34   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.37  | 26.69  | 26.39   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 22.73  | 23.04  | 22.84   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.84  | 23.11  | 22.82   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.40  | 25.60  | 25.30   |            |         |  |  |
| 50                                                                    | 1         | 1         | 16-QAM    | 25.34  | 25.67  | 25.42   | 24.11      | 0.2576  |  |  |
| 50                                                                    | 1         | 1         | 64-QAM    | 23.77  | 24.12  | 23.79   |            |         |  |  |
| 50                                                                    | 1         | 1         | 256-QAM   | 21.51  | 21.84  | 21.67   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 60                                                                    | 1         | 1         | PI/2 BPSK | 26.25  | 26.59  | 26.37   | 25.12      | 0.3251  |  |  |
| 60                                                                    | 1         | 160       |           | 26.41  | 26.60  | 26.49   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.34  | 26.67  | 26.53   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 22.63  | 23.02  | 22.82   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.79  | 23.00  | 22.91   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.85  | 26.13  | 25.99   |            |         |  |  |
| 60                                                                    | 1         | 1         | QPSK      | 26.24  | 26.55  | 26.35   |            |         |  |  |
| 60                                                                    | 1         | 160       |           | 26.28  | 26.58  | 26.57   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.34  | 26.68  | 26.51   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 22.68  | 23.00  | 22.82   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.78  | 23.02  | 22.95   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.33  | 25.63  | 25.47   |            |         |  |  |
| 60                                                                    | 1         | 1         | 16-QAM    | 25.27  | 25.66  | 25.46   | 24.1       | 0.2570  |  |  |
| 60                                                                    | 1         | 1         | 64-QAM    | 23.88  | 24.18  | 23.94   |            |         |  |  |
| 60                                                                    | 1         | 1         | 256-QAM   | 21.50  | 21.78  | 21.59   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 70                                                                    | 1         | 1         | PI/2 BPSK | 26.28  | 26.60  | 26.58   | 25.16      | 0.3281  |  |  |
| 70                                                                    | 1         | 187       |           | 26.39  | 26.48  | 26.48   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.48  | 26.72  | 26.60   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 22.76  | 23.06  | 23.04   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.75  | 22.96  | 22.93   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.94  | 26.14  | 26.07   |            |         |  |  |
| 70                                                                    | 1         | 1         | QPSK      | 26.14  | 26.58  | 26.50   |            |         |  |  |
| 70                                                                    | 1         | 187       |           | 26.29  | 26.47  | 26.39   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.52  | 26.70  | 26.59   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 22.65  | 23.08  | 23.02   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.82  | 22.89  | 22.91   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.45  | 25.62  | 25.57   |            |         |  |  |
| 70                                                                    | 1         | 1         | 16-QAM    | 25.29  | 25.64  | 25.62   | 24.08      | 0.2559  |  |  |
| 70                                                                    | 1         | 1         | 64-QAM    | 23.66  | 24.09  | 24.08   |            |         |  |  |
| 70                                                                    | 1         | 1         | 256-QAM   | 21.49  | 21.87  | 21.82   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 80                                                                    | 1         | 1         | PI/2 BPSK | 26.14  | 26.59  | 26.49   | 25.16      | 0.3281  |  |  |
| 80                                                                    | 1         | 215       |           | 26.36  | 26.52  | 26.46   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.51  | 26.72  | 26.61   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 22.67  | 22.99  | 22.97   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.85  | 22.96  | 22.93   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.96  | 26.15  | 26.04   |            |         |  |  |
| 80                                                                    | 1         | 1         | QPSK      | 26.26  | 26.59  | 26.41   |            |         |  |  |
| 80                                                                    | 1         | 215       |           | 26.41  | 26.41  | 26.50   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.51  | 26.70  | 26.59   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 22.64  | 23.10  | 22.93   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.83  | 22.94  | 22.90   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.47  | 25.65  | 25.54   |            |         |  |  |
| 80                                                                    | 1         | 1         | 16-QAM    | 25.25  | 25.64  | 25.44   | 24.08      | 0.2559  |  |  |
| 80                                                                    | 1         | 1         | 64-QAM    | 23.70  | 24.13  | 23.90   |            |         |  |  |
| 80                                                                    | 1         | 1         | 256-QAM   | 21.49  | 21.91  | 21.80   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 90                                                                    | 1         | 1         | PI/2 BPSK | 26.23  | 26.63  | 26.48   | 25.2       | 0.3311  |  |  |
| 90                                                                    | 1         | 243       |           | 26.49  | 26.59  | 26.53   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.52  | 26.74  | 26.58   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 22.70  | 23.08  | 22.88   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 23.00  | 23.13  | 22.92   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.98  | 26.15  | 26.03   |            |         |  |  |
| 90                                                                    | 1         | 1         | QPSK      | 26.29  | 26.56  | 26.45   |            |         |  |  |
| 90                                                                    | 1         | 243       |           | 26.52  | 26.58  | 26.47   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.54  | 26.76  | 26.59   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 22.68  | 23.05  | 22.93   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 23.01  | 23.01  | 22.99   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.46  | 25.61  | 25.55   |            |         |  |  |
| 90                                                                    | 1         | 1         | 16-QAM    | 25.28  | 25.77  | 25.58   | 24.21      | 0.2636  |  |  |
| 90                                                                    | 1         | 1         | 64-QAM    | 23.71  | 24.14  | 23.94   |            |         |  |  |
| 90                                                                    | 1         | 1         | 256-QAM   | 21.46  | 21.92  | 21.73   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 100                                                                   | 1         | 1         | PI/2 BPSK | 26.28  | 26.61  | 26.54   | 25.2       | 0.3311  |  |  |
| 100                                                                   | 1         | 271       |           | 26.56  | 26.64  | 26.61   |            |         |  |  |
| 100                                                                   | 135       | 67        |           | 26.49  | 26.76  | 26.62   |            |         |  |  |
| 100                                                                   | 1         | 0         |           | 22.74  | 23.14  | 22.99   |            |         |  |  |
| 100                                                                   | 1         | 272       |           | 22.96  | 23.15  | 23.03   |            |         |  |  |
| 100                                                                   | 270       | 0         |           | 25.95  | 26.16  | 26.08   |            |         |  |  |
| 100                                                                   | 1         | 1         | QPSK      | 26.37  | 26.55  | 26.42   |            |         |  |  |
| 100                                                                   | 1         | 271       |           | 26.44  | 26.54  | 26.67   |            |         |  |  |
| 100                                                                   | 135       | 67        |           | 26.51  | 26.72  | 26.62   |            |         |  |  |
| 100                                                                   | 1         | 0         |           | 22.50  | 23.05  | 22.97   |            |         |  |  |
| 100                                                                   | 1         | 272       |           | 22.94  | 23.03  | 22.99   |            |         |  |  |
| 100                                                                   | 270       | 0         |           | 25.39  | 25.63  | 25.52   |            |         |  |  |
| 100                                                                   | 1         | 1         | 16-QAM    | 25.25  | 25.67  | 25.52   | 24.11      | 0.2576  |  |  |
| 100                                                                   | 1         | 1         | 64-QAM    | 23.70  | 24.11  | 23.98   |            |         |  |  |
| 100                                                                   | 1         | 1         | 256-QAM   | 21.46  | 21.85  | 21.68   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                                    | 1         | 1         | PI/2 BPSK | 26.18  | 26.33  | 26.37   | 24.9       | 0.3090  |  |  |
| 10                                                                    | 1         | 22        |           | 26.17  | 26.29  | 26.35   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.26  | 26.37  | 26.46   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 22.75  | 22.82  | 22.92   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.68  | 22.78  | 22.82   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 25.76  | 25.89  | 25.91   |            |         |  |  |
| 10                                                                    | 1         | 1         | QPSK      | 26.25  | 26.32  | 26.38   |            |         |  |  |
| 10                                                                    | 1         | 22        |           | 26.21  | 26.26  | 26.32   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.28  | 26.37  | 26.42   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 22.80  | 22.80  | 22.89   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.71  | 22.75  | 22.82   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 25.23  | 25.39  | 25.44   |            |         |  |  |
| 10                                                                    | 1         | 1         | 16-QAM    | 25.33  | 25.45  | 25.44   | 23.89      | 0.2449  |  |  |
| 10                                                                    | 1         | 1         | 64-QAM    | 23.85  | 23.89  | 23.91   |            |         |  |  |
| 10                                                                    | 1         | 1         | 256-QAM   | 21.52  | 21.66  | 21.68   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                                    | 1         | 1         | PI/2 BPSK | 26.18  | 26.45  | 26.57   | 25.03      | 0.3184  |  |  |
| 15                                                                    | 1         | 36        |           | 26.25  | 26.33  | 26.50   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.31  | 26.44  | 26.59   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 22.77  | 22.87  | 22.99   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 22.69  | 22.85  | 22.95   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.75  | 25.96  | 26.02   |            |         |  |  |
| 15                                                                    | 1         | 1         | QPSK      | 26.19  | 26.42  | 26.51   |            |         |  |  |
| 15                                                                    | 1         | 36        |           | 26.24  | 26.38  | 26.42   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.29  | 26.42  | 26.58   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 22.68  | 22.91  | 22.99   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 22.70  | 22.85  | 22.93   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.30  | 25.41  | 25.58   |            |         |  |  |
| 15                                                                    | 1         | 1         | 16-QAM    | 25.33  | 25.52  | 25.62   | 24.06      | 0.2547  |  |  |
| 15                                                                    | 1         | 1         | 64-QAM    | 23.86  | 24.04  | 24.05   |            |         |  |  |
| 15                                                                    | 1         | 1         | 256-QAM   | 21.53  | 21.74  | 21.78   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27O NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                                    | 1         | 1         | PI/2 BPSK | 26.30  | 26.43  | 26.49   | 25.09      | 0.3228  |  |  |
| 20                                                                    | 1         | 49        |           | 26.27  | 26.36  | 26.52   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.28  | 26.47  | 26.65   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 22.78  | 22.93  | 22.94   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 22.82  | 22.84  | 22.99   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 25.77  | 25.96  | 26.07   |            |         |  |  |
| 20                                                                    | 1         | 1         | QPSK      | 26.20  | 26.30  | 26.48   |            |         |  |  |
| 20                                                                    | 1         | 49        |           | 26.25  | 26.33  | 26.52   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.28  | 26.46  | 26.61   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 22.78  | 22.87  | 23.05   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 22.86  | 22.87  | 23.06   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 25.31  | 25.43  | 25.60   |            |         |  |  |
| 20                                                                    | 1         | 1         | 16-QAM    | 25.43  | 25.48  | 25.61   | 24.05      | 0.2541  |  |  |
| 20                                                                    | 1         | 1         | 64-QAM    | 23.95  | 23.88  | 24.00   |            |         |  |  |
| 20                                                                    | 1         | 1         | 256-QAM   | 21.58  | 21.69  | 21.71   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                                    | 1         | 1         | PI/2 BPSK | 26.27  | 26.40  | 26.53   | 24.99      | 0.3155  |  |  |
| 30                                                                    | 1         | 76        |           | 26.52  | 26.39  | 26.55   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.34  | 26.46  | 26.50   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 22.91  | 22.92  | 22.95   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 22.94  | 22.91  | 23.03   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.86  | 25.96  | 25.99   |            |         |  |  |
| 30                                                                    | 1         | 1         | QPSK      | 26.26  | 26.41  | 26.50   |            |         |  |  |
| 30                                                                    | 1         | 76        |           | 26.43  | 26.37  | 26.53   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.28  | 26.46  | 26.50   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 22.77  | 22.91  | 22.98   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 22.94  | 22.86  | 23.01   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.34  | 25.45  | 25.54   |            |         |  |  |
| 30                                                                    | 1         | 1         | 16-QAM    | 25.44  | 25.50  | 25.63   | 24.07      | 0.2553  |  |  |
| 30                                                                    | 1         | 1         | 64-QAM    | 23.82  | 24.01  | 24.00   |            |         |  |  |
| 30                                                                    | 1         | 1         | 256-QAM   | 21.62  | 21.71  | 21.75   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                                    | 1         | 1         | PI/2 BPSK | 26.32  | 26.59  | 26.45   | 25.13      | 0.3258  |  |  |
| 40                                                                    | 1         | 104       |           | 26.54  | 26.64  | 26.69   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.34  | 26.47  | 26.57   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 22.89  | 23.00  | 22.98   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.01  | 23.10  | 23.18   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 25.86  | 25.98  | 26.04   |            |         |  |  |
| 40                                                                    | 1         | 1         | QPSK      | 26.36  | 26.54  | 26.48   |            |         |  |  |
| 40                                                                    | 1         | 104       |           | 26.57  | 26.64  | 26.61   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.32  | 26.49  | 26.58   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 22.88  | 23.01  | 22.96   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.00  | 23.13  | 23.14   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 25.36  | 25.54  | 25.60   |            |         |  |  |
| 40                                                                    | 1         | 1         | 16-QAM    | 25.46  | 25.65  | 25.68   | 24.12      | 0.2582  |  |  |
| 40                                                                    | 1         | 1         | 64-QAM    | 23.92  | 24.10  | 24.05   |            |         |  |  |
| 40                                                                    | 1         | 1         | 256-QAM   | 21.69  | 21.86  | 21.80   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 50                                                                    | 1         | 1         | PI/2 BPSK | 26.16  | 26.21  | 26.22   | 24.77      | 0.2999  |  |  |
| 50                                                                    | 1         | 131       |           | 26.22  | 26.33  | 26.31   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.24  | 26.31  | 26.30   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 22.57  | 22.62  | 22.63   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.67  | 22.79  | 22.77   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.69  | 25.79  | 25.77   |            |         |  |  |
| 50                                                                    | 1         | 1         | QPSK      | 26.16  | 26.20  | 26.18   |            |         |  |  |
| 50                                                                    | 1         | 131       |           | 26.28  | 26.32  | 26.26   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.22  | 26.32  | 26.27   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 22.65  | 22.61  | 22.61   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.71  | 22.71  | 22.74   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.20  | 25.25  | 25.24   |            |         |  |  |
| 50                                                                    | 1         | 1         | 16-QAM    | 25.30  | 25.26  | 25.25   | 23.74      | 0.2366  |  |  |
| 50                                                                    | 1         | 1         | 64-QAM    | 23.69  | 23.79  | 23.76   |            |         |  |  |
| 50                                                                    | 1         | 1         | 256-QAM   | 21.41  | 21.44  | 21.38   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 60                                                                    | 1         | 1         | PI/2 BPSK | 25.99  | 26.06  | 26.07   | 24.88      | 0.3076  |  |  |
| 60                                                                    | 1         | 160       |           | 26.18  | 26.40  | 26.43   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.25  | 26.27  | 26.37   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 22.44  | 22.53  | 22.51   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.61  | 22.84  | 22.82   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.70  | 25.77  | 25.84   |            |         |  |  |
| 60                                                                    | 1         | 1         | QPSK      | 25.97  | 25.98  | 26.13   |            |         |  |  |
| 60                                                                    | 1         | 160       |           | 26.14  | 26.33  | 26.44   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.22  | 26.28  | 26.35   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 22.51  | 22.52  | 22.57   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.71  | 22.82  | 22.82   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.19  | 25.29  | 25.32   |            |         |  |  |
| 60                                                                    | 1         | 1         | 16-QAM    | 25.01  | 25.07  | 25.21   | 23.65      | 0.2317  |  |  |
| 60                                                                    | 1         | 1         | 64-QAM    | 23.49  | 23.58  | 23.69   |            |         |  |  |
| 60                                                                    | 1         | 1         | 256-QAM   | 21.16  | 21.30  | 21.32   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27O NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 70                                                                    | 1         | 1         | PI/2 BPSK | 26.12  | 26.18  | 26.30   | 24.9       | 0.3090  |  |  |
| 70                                                                    | 1         | 187       |           | 26.25  | 26.44  | 26.45   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.25  | 26.33  | 26.44   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 22.51  | 22.56  | 22.81   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.65  | 22.87  | 22.88   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.78  | 25.81  | 25.99   |            |         |  |  |
| 70                                                                    | 1         | 1         | QPSK      | 26.14  | 26.08  | 26.22   |            |         |  |  |
| 70                                                                    | 1         | 187       |           | 26.23  | 26.43  | 26.38   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.25  | 26.35  | 26.46   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 22.51  | 22.66  | 22.74   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.68  | 22.89  | 22.90   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.20  | 25.33  | 25.45   |            |         |  |  |
| 70                                                                    | 1         | 1         | 16-QAM    | 25.11  | 25.28  | 25.43   | 23.87      | 0.2438  |  |  |
| 70                                                                    | 1         | 1         | 64-QAM    | 23.60  | 23.82  | 23.85   |            |         |  |  |
| 70                                                                    | 1         | 1         | 256-QAM   | 21.41  | 21.45  | 21.51   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27O NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 80                                                                    | 1         | 1         | PI/2 BPSK | 26.23  | 26.16  | 26.24   | 24.98      | 0.3148  |  |  |
| 80                                                                    | 1         | 215       |           | 26.40  | 26.54  | 26.50   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.33  | 26.45  | 26.42   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 22.65  | 22.52  | 22.67   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.89  | 22.97  | 22.94   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.84  | 25.87  | 25.89   |            |         |  |  |
| 80                                                                    | 1         | 1         | QPSK      | 26.09  | 25.99  | 26.30   |            |         |  |  |
| 80                                                                    | 1         | 215       |           | 26.36  | 26.50  | 26.38   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.35  | 26.46  | 26.39   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 22.61  | 22.60  | 22.68   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.86  | 22.99  | 22.96   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.30  | 25.40  | 25.37   |            |         |  |  |
| 80                                                                    | 1         | 1         | 16-QAM    | 25.18  | 25.22  | 25.21   | 23.66      | 0.2323  |  |  |
| 80                                                                    | 1         | 1         | 64-QAM    | 23.75  | 23.68  | 23.81   |            |         |  |  |
| 80                                                                    | 1         | 1         | 256-QAM   | 21.50  | 21.46  | 21.51   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 90                                                                    | 1         | 1         | PI/2 BPSK | 26.22  | 26.15  | 26.11   | 25.13      | 0.3258  |  |  |
| 90                                                                    | 1         | 243       |           | 26.62  | 26.69  | 26.58   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.46  | 26.46  | 26.46   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 22.68  | 22.58  | 22.58   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 23.10  | 23.05  | 23.02   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.88  | 25.90  | 25.89   |            |         |  |  |
| 90                                                                    | 1         | 1         | QPSK      | 26.15  | 26.14  | 26.11   |            |         |  |  |
| 90                                                                    | 1         | 243       |           | 26.58  | 26.55  | 26.44   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.45  | 26.42  | 26.41   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 22.63  | 22.62  | 22.63   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 23.08  | 23.08  | 23.06   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.38  | 25.37  | 25.34   |            |         |  |  |
| 90                                                                    | 1         | 1         | 16-QAM    | 25.37  | 25.18  | 25.20   | 23.81      | 0.2404  |  |  |
| 90                                                                    | 1         | 1         | 64-QAM    | 23.82  | 23.68  | 23.64   |            |         |  |  |
| 90                                                                    | 1         | 1         | 256-QAM   | 21.50  | 21.45  | 21.40   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.56 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 100                                                                   | 1         | 1         | PI/2 BPSK | -      | 26.07  | -       | 25.07      | 0.3214  |  |  |
| 100                                                                   | 1         | 271       |           | -      | 26.63  | -       |            |         |  |  |
| 100                                                                   | 135       | 67        |           | -      | 26.42  | -       |            |         |  |  |
| 100                                                                   | 1         | 0         |           | -      | 22.54  | -       |            |         |  |  |
| 100                                                                   | 1         | 272       |           | -      | 23.04  | -       |            |         |  |  |
| 100                                                                   | 270       | 0         |           | -      | 25.91  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | QPSK      | -      | 26.11  | -       |            |         |  |  |
| 100                                                                   | 1         | 271       |           | -      | 26.61  | -       |            |         |  |  |
| 100                                                                   | 135       | 67        |           | -      | 26.45  | -       |            |         |  |  |
| 100                                                                   | 1         | 0         |           | -      | 22.53  | -       |            |         |  |  |
| 100                                                                   | 1         | 272       |           | -      | 23.06  | -       |            |         |  |  |
| 100                                                                   | 270       | 0         |           | -      | 25.39  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | 16-QAM    | -      | 25.10  | -       | 23.54      | 0.2259  |  |  |
| 100                                                                   | 1         | 1         | 64-QAM    | -      | 23.53  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | 256-QAM   | -      | 21.22  | -       |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                                    | 1         | 1         | PI/2 BPSK | 26.59  | 26.59  | 26.52   | 25.62      | 0.3648  |  |  |
| 10                                                                    | 1         | 22        |           | 26.53  | 26.56  | 26.44   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.57  | 26.64  | 26.53   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 23.13  | 23.14  | 22.92   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 23.06  | 23.01  | 23.00   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 26.15  | 26.12  | 26.05   |            |         |  |  |
| 10                                                                    | 1         | 1         | QPSK      | 26.65  | 26.57  | 26.47   |            |         |  |  |
| 10                                                                    | 1         | 22        |           | 26.50  | 26.58  | 26.45   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.58  | 26.66  | 26.52   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 23.16  | 23.16  | 23.02   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 23.02  | 23.08  | 22.91   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 25.60  | 25.65  | 25.52   |            |         |  |  |
| 10                                                                    | 1         | 1         | 16-QAM    | 25.66  | 25.66  | 25.60   | 24.62      | 0.2897  |  |  |
| 10                                                                    | 1         | 1         | 64-QAM    | 24.11  | 24.14  | 24.03   |            |         |  |  |
| 10                                                                    | 1         | 1         | 256-QAM   | 21.78  | 21.86  | 21.86   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                                    | 1         | 1         | PI/2 BPSK | 26.73  | 26.80  | 26.70   | 25.76      | 0.3767  |  |  |
| 15                                                                    | 1         | 36        |           | 26.66  | 26.60  | 26.51   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.70  | 26.79  | 26.55   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 23.16  | 23.22  | 23.08   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 23.07  | 23.03  | 23.02   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 26.17  | 26.20  | 26.12   |            |         |  |  |
| 15                                                                    | 1         | 1         | QPSK      | 26.71  | 26.64  | 26.62   |            |         |  |  |
| 15                                                                    | 1         | 36        |           | 26.63  | 26.56  | 26.52   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.69  | 26.74  | 26.60   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 23.20  | 23.17  | 23.06   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 23.15  | 23.09  | 23.10   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.74  | 25.75  | 25.67   |            |         |  |  |
| 15                                                                    | 1         | 1         | 16-QAM    | 25.81  | 25.80  | 25.72   | 24.77      | 0.2999  |  |  |
| 15                                                                    | 1         | 1         | 64-QAM    | 24.16  | 24.32  | 24.18   |            |         |  |  |
| 15                                                                    | 1         | 1         | 256-QAM   | 21.91  | 21.82  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                                    | 1         | 1         | PI/2 BPSK | 26.65  | 26.67  | 26.61   | 25.73      | 0.3741  |  |  |
| 20                                                                    | 1         | 49        |           | 26.66  | 26.57  | 26.57   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.77  | 26.65  | 26.63   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 23.12  | 23.16  | 22.93   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 23.09  | 23.05  | 22.99   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 26.23  | 26.16  | 26.11   |            |         |  |  |
| 20                                                                    | 1         | 1         | QPSK      | 26.59  | 26.62  | 26.56   |            |         |  |  |
| 20                                                                    | 1         | 49        |           | 26.63  | 26.57  | 26.53   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.71  | 26.70  | 26.62   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 23.05  | 23.14  | 23.03   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 23.13  | 23.04  | 22.97   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 25.66  | 25.62  | 25.52   |            |         |  |  |
| 20                                                                    | 1         | 1         | 16-QAM    | 25.75  | 25.79  | 25.73   | 24.75      | 0.2985  |  |  |
| 20                                                                    | 1         | 1         | 64-QAM    | 24.14  | 24.14  | 24.07   |            |         |  |  |
| 20                                                                    | 1         | 1         | 256-QAM   | 21.89  | 22.08  | 21.78   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                                    | 1         | 1         | PI/2 BPSK | 26.78  | 26.86  | 26.74   | 25.82      | 0.3819  |  |  |
| 30                                                                    | 1         | 76        |           | 26.66  | 26.57  | 26.54   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.67  | 26.75  | 26.63   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 23.24  | 23.32  | 23.27   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.14  | 23.07  | 23.07   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 26.24  | 26.26  | 26.13   |            |         |  |  |
| 30                                                                    | 1         | 1         | QPSK      | 26.80  | 26.84  | 26.71   |            |         |  |  |
| 30                                                                    | 1         | 76        |           | 26.67  | 26.61  | 26.49   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.69  | 26.73  | 26.53   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 23.29  | 23.35  | 23.18   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.14  | 23.05  | 22.99   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.73  | 25.77  | 25.66   |            |         |  |  |
| 30                                                                    | 1         | 1         | 16-QAM    | 25.90  | 25.95  | 25.86   | 24.91      | 0.3097  |  |  |
| 30                                                                    | 1         | 1         | 64-QAM    | 24.37  | 24.40  | 24.32   |            |         |  |  |
| 30                                                                    | 1         | 1         | 256-QAM   | 22.07  | 22.10  | 22.12   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                                    | 1         | 1         | PI/2 BPSK | 26.93  | 26.88  | 26.79   | 25.89      | 0.3882  |  |  |
| 40                                                                    | 1         | 104       |           | 26.71  | 26.72  | 26.63   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.75  | 26.75  | 26.69   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.42  | 23.40  | 23.34   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.20  | 23.08  | 22.94   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 26.37  | 26.26  | 26.16   |            |         |  |  |
| 40                                                                    | 1         | 1         | QPSK      | 26.90  | 26.83  | 26.79   |            |         |  |  |
| 40                                                                    | 1         | 104       |           | 26.66  | 26.61  | 26.61   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.82  | 26.69  | 26.66   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.38  | 23.42  | 23.28   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.19  | 23.19  | 23.06   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 25.83  | 25.74  | 25.63   |            |         |  |  |
| 40                                                                    | 1         | 1         | 16-QAM    | 26.06  | 26.11  | 25.86   | 25.07      | 0.3214  |  |  |
| 40                                                                    | 1         | 1         | 64-QAM    | 24.46  | 24.64  | 24.37   |            |         |  |  |
| 40                                                                    | 1         | 1         | 256-QAM   | 22.18  | 22.29  | 22.11   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 50                                                                    | 1         | 1         | PI/2 BPSK | 26.64  | 26.71  | 26.64   | 25.67      | 0.3690  |  |  |
| 50                                                                    | 1         | 131       |           | 26.22  | 26.28  | 26.18   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.53  | 26.55  | 26.45   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 23.10  | 23.16  | 23.07   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.76  | 22.71  | 22.62   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 26.00  | 26.02  | 25.96   |            |         |  |  |
| 50                                                                    | 1         | 1         | QPSK      | 26.62  | 26.69  | 26.63   |            |         |  |  |
| 50                                                                    | 1         | 131       |           | 26.20  | 26.23  | 26.15   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.54  | 26.56  | 26.43   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 23.10  | 23.19  | 23.10   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.90  | 22.73  | 22.57   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.46  | 25.55  | 25.49   |            |         |  |  |
| 50                                                                    | 1         | 1         | 16-QAM    | 25.79  | 25.78  | 25.73   | 24.75      | 0.2985  |  |  |
| 50                                                                    | 1         | 1         | 64-QAM    | 24.26  | 24.30  | 24.23   |            |         |  |  |
| 50                                                                    | 1         | 1         | 256-QAM   | 21.94  | 22.06  | 21.95   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 60                                                                    | 1         | 1         | PI/2 BPSK | 26.75  | 26.68  | 26.64   | 25.71      | 0.3724  |  |  |
| 60                                                                    | 1         | 160       |           | 26.32  | 26.26  | 26.11   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.58  | 26.58  | 26.47   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 23.20  | 23.18  | 23.14   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.76  | 22.69  | 22.66   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 26.05  | 26.08  | 25.92   |            |         |  |  |
| 60                                                                    | 1         | 1         | QPSK      | 26.62  | 26.68  | 26.62   |            |         |  |  |
| 60                                                                    | 1         | 160       |           | 26.31  | 26.26  | 26.14   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.58  | 26.59  | 26.50   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 23.12  | 23.16  | 23.11   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.86  | 22.85  | 22.67   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.53  | 25.55  | 25.48   |            |         |  |  |
| 60                                                                    | 1         | 1         | 16-QAM    | 25.80  | 25.80  | 25.73   | 24.76      | 0.2992  |  |  |
| 60                                                                    | 1         | 1         | 64-QAM    | 24.23  | 24.28  | 24.18   |            |         |  |  |
| 60                                                                    | 1         | 1         | 256-QAM   | 21.88  | 21.93  | 21.92   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 70                                                                    | 1         | 1         | PI/2 BPSK | 26.72  | 26.78  | 26.66   | 25.74      | 0.3750  |  |  |
| 70                                                                    | 1         | 187       |           | 26.21  | 26.22  | 26.14   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.48  | 26.55  | 26.53   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 23.16  | 23.28  | 23.27   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.76  | 22.71  | 22.60   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 26.01  | 26.01  | 26.00   |            |         |  |  |
| 70                                                                    | 1         | 1         | QPSK      | 26.67  | 26.74  | 26.76   |            |         |  |  |
| 70                                                                    | 1         | 187       |           | 26.30  | 26.23  | 26.15   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.53  | 26.51  | 26.51   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 23.13  | 23.25  | 23.21   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.69  | 22.65  | 22.58   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.49  | 25.54  | 25.49   |            |         |  |  |
| 70                                                                    | 1         | 1         | 16-QAM    | 25.75  | 25.81  | 25.72   | 24.77      | 0.2999  |  |  |
| 70                                                                    | 1         | 1         | 64-QAM    | 24.25  | 24.46  | 24.17   |            |         |  |  |
| 70                                                                    | 1         | 1         | 256-QAM   | 22.07  | 22.06  | 22.07   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 80                                                                    | 1         | 1         | PI/2 BPSK | 26.71  | 26.76  | 26.74   | 25.72      | 0.3733  |  |  |
| 80                                                                    | 1         | 215       |           | 26.17  | 26.15  | 26.15   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.56  | 26.56  | 26.53   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 23.23  | 23.20  | 23.18   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.72  | 22.68  | 22.64   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 26.04  | 25.98  | 25.96   |            |         |  |  |
| 80                                                                    | 1         | 1         | QPSK      | 26.71  | 26.69  | 26.75   |            |         |  |  |
| 80                                                                    | 1         | 215       |           | 26.20  | 26.08  | 26.08   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.54  | 26.53  | 26.51   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 23.23  | 23.18  | 23.22   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.70  | 22.67  | 22.59   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.53  | 25.48  | 25.51   |            |         |  |  |
| 80                                                                    | 1         | 1         | 16-QAM    | 25.86  | 25.84  | 25.85   | 24.82      | 0.3034  |  |  |
| 80                                                                    | 1         | 1         | 64-QAM    | 24.34  | 24.24  | 24.17   |            |         |  |  |
| 80                                                                    | 1         | 1         | 256-QAM   | 22.04  | 22.02  | 22.07   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 90                                                                    | 1         | 1         | PI/2 BPSK | 26.68  | 26.74  | 26.76   | 25.72      | 0.3733  |  |  |
| 90                                                                    | 1         | 243       |           | 26.28  | 26.27  | 26.14   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.51  | 26.57  | 26.52   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 23.19  | 23.18  | 23.24   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 22.84  | 22.73  | 22.70   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.98  | 25.97  | 25.99   |            |         |  |  |
| 90                                                                    | 1         | 1         | QPSK      | 26.68  | 26.70  | 26.74   |            |         |  |  |
| 90                                                                    | 1         | 243       |           | 26.20  | 26.18  | 26.12   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.55  | 26.57  | 26.57   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 23.17  | 23.19  | 23.12   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 22.74  | 22.79  | 22.69   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.46  | 25.54  | 25.49   |            |         |  |  |
| 90                                                                    | 1         | 1         | 16-QAM    | 25.82  | 25.83  | 25.81   | 24.79      | 0.3013  |  |  |
| 90                                                                    | 1         | 1         | 64-QAM    | 24.28  | 24.29  | 24.31   |            |         |  |  |
| 90                                                                    | 1         | 1         | 256-QAM   | 22.02  | 21.99  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 100                                                                   | 1         | 1         | PI/2 BPSK | -      | 26.76  | -       | 25.72      | 0.3733  |  |  |
| 100                                                                   | 1         | 271       |           | -      | 26.29  | -       |            |         |  |  |
| 100                                                                   | 135       | 67        |           | -      | 26.56  | -       |            |         |  |  |
| 100                                                                   | 1         | 0         |           | -      | 23.17  | -       |            |         |  |  |
| 100                                                                   | 1         | 272       |           | -      | 22.78  | -       |            |         |  |  |
| 100                                                                   | 270       | 0         |           | -      | 26.10  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | QPSK      | -      | 26.71  | -       |            |         |  |  |
| 100                                                                   | 1         | 271       |           | -      | 26.30  | -       |            |         |  |  |
| 100                                                                   | 135       | 67        |           | -      | 26.52  | -       |            |         |  |  |
| 100                                                                   | 1         | 0         |           | -      | 23.18  | -       |            |         |  |  |
| 100                                                                   | 1         | 272       |           | -      | 22.72  | -       |            |         |  |  |
| 100                                                                   | 270       | 0         |           | -      | 25.61  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | 16-QAM    | -      | 25.78  | -       | 24.74      | 0.2979  |  |  |
| 100                                                                   | 1         | 1         | 64-QAM    | -      | 24.28  | -       |            |         |  |  |
| 100                                                                   | 1         | 1         | 256-QAM   | -      | 21.99  | -       |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 10                                                                    | 1         | 1         | PI/2 BPSK | 26.53  | 26.64  | 26.75   | 25.72      | 0.3733  |  |  |
| 10                                                                    | 1         | 22        |           | 26.51  | 26.60  | 26.69   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.57  | 26.68  | 26.76   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 23.04  | 23.09  | 23.26   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.88  | 23.07  | 23.19   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 26.08  | 26.11  | 26.20   |            |         |  |  |
| 10                                                                    | 1         | 1         | QPSK      | 26.47  | 26.66  | 26.73   |            |         |  |  |
| 10                                                                    | 1         | 22        |           | 26.48  | 26.61  | 26.58   |            |         |  |  |
| 10                                                                    | 12        | 6         |           | 26.55  | 26.62  | 26.72   |            |         |  |  |
| 10                                                                    | 1         | 0         |           | 23.02  | 23.10  | 23.24   |            |         |  |  |
| 10                                                                    | 1         | 23        |           | 22.94  | 22.99  | 23.15   |            |         |  |  |
| 10                                                                    | 24        | 0         |           | 25.51  | 25.66  | 25.69   |            |         |  |  |
| 10                                                                    | 1         | 1         | 16-QAM    | 25.60  | 25.75  | 25.82   | 24.78      | 0.3006  |  |  |
| 10                                                                    | 1         | 1         | 64-QAM    | 24.08  | 24.22  | 24.29   |            |         |  |  |
| 10                                                                    | 1         | 1         | 256-QAM   | 21.84  | 21.96  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 15                                                                    | 1         | 1         | PI/2 BPSK | 26.65  | 26.71  | 26.70   | 25.72      | 0.3733  |  |  |
| 15                                                                    | 1         | 36        |           | 26.65  | 26.68  | 26.76   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.62  | 26.66  | 26.76   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 23.17  | 23.18  | 23.13   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 23.15  | 23.08  | 23.23   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 26.16  | 26.17  | 26.22   |            |         |  |  |
| 15                                                                    | 1         | 1         | QPSK      | 26.59  | 26.60  | 26.71   |            |         |  |  |
| 15                                                                    | 1         | 36        |           | 26.63  | 26.65  | 26.67   |            |         |  |  |
| 15                                                                    | 18        | 9         |           | 26.74  | 26.67  | 26.74   |            |         |  |  |
| 15                                                                    | 1         | 0         |           | 22.99  | 23.19  | 23.18   |            |         |  |  |
| 15                                                                    | 1         | 37        |           | 23.09  | 23.13  | 23.26   |            |         |  |  |
| 15                                                                    | 36        | 0         |           | 25.70  | 25.69  | 25.74   |            |         |  |  |
| 15                                                                    | 1         | 1         | 16-QAM    | 25.63  | 25.63  | 25.81   | 24.77      | 0.2999  |  |  |
| 15                                                                    | 1         | 1         | 64-QAM    | 24.14  | 24.16  | 24.35   |            |         |  |  |
| 15                                                                    | 1         | 1         | 256-QAM   | 21.99  | 22.06  | 21.93   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 20                                                                    | 1         | 1         | PI/2 BPSK | 26.60  | 26.60  | 26.75   | 25.74      | 0.3750  |  |  |
| 20                                                                    | 1         | 49        |           | 26.60  | 26.69  | 26.67   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.75  | 26.75  | 26.78   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 23.13  | 23.21  | 23.19   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 23.14  | 23.02  | 23.23   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 26.11  | 26.26  | 26.24   |            |         |  |  |
| 20                                                                    | 1         | 1         | QPSK      | 26.58  | 26.63  | 26.71   |            |         |  |  |
| 20                                                                    | 1         | 49        |           | 26.55  | 26.70  | 26.61   |            |         |  |  |
| 20                                                                    | 25        | 12        |           | 26.63  | 26.74  | 26.74   |            |         |  |  |
| 20                                                                    | 1         | 0         |           | 23.02  | 23.07  | 23.13   |            |         |  |  |
| 20                                                                    | 1         | 50        |           | 23.15  | 23.07  | 23.08   |            |         |  |  |
| 20                                                                    | 50        | 0         |           | 25.76  | 25.69  | 25.66   |            |         |  |  |
| 20                                                                    | 1         | 1         | 16-QAM    | 25.68  | 25.66  | 25.77   | 24.73      | 0.2972  |  |  |
| 20                                                                    | 1         | 1         | 64-QAM    | 24.11  | 24.15  | 24.20   |            |         |  |  |
| 20                                                                    | 1         | 1         | 256-QAM   | 21.96  | 21.94  | 22.02   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 30                                                                    | 1         | 1         | PI/2 BPSK | 26.71  | 26.77  | 26.88   | 25.84      | 0.3837  |  |  |
| 30                                                                    | 1         | 76        |           | 26.60  | 26.66  | 26.63   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.63  | 26.68  | 26.78   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 23.27  | 23.23  | 23.34   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.17  | 23.17  | 23.23   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 26.13  | 26.26  | 26.26   |            |         |  |  |
| 30                                                                    | 1         | 1         | QPSK      | 26.73  | 26.76  | 26.84   |            |         |  |  |
| 30                                                                    | 1         | 76        |           | 26.56  | 26.64  | 26.63   |            |         |  |  |
| 30                                                                    | 36        | 18        |           | 26.64  | 26.67  | 26.76   |            |         |  |  |
| 30                                                                    | 1         | 0         |           | 23.26  | 23.09  | 23.37   |            |         |  |  |
| 30                                                                    | 1         | 77        |           | 23.07  | 23.14  | 23.14   |            |         |  |  |
| 30                                                                    | 75        | 0         |           | 25.63  | 25.66  | 25.77   |            |         |  |  |
| 30                                                                    | 1         | 1         | 16-QAM    | 25.81  | 25.78  | 25.95   | 24.91      | 0.3097  |  |  |
| 30                                                                    | 1         | 1         | 64-QAM    | 24.23  | 24.17  | 24.38   |            |         |  |  |
| 30                                                                    | 1         | 1         | 256-QAM   | 21.90  | 22.12  | 22.15   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 40                                                                    | 1         | 1         | PI/2 BPSK | 26.78  | 26.86  | 26.89   | 25.86      | 0.3855  |  |  |
| 40                                                                    | 1         | 104       |           | 26.65  | 26.71  | 26.66   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.67  | 26.72  | 26.78   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.24  | 23.34  | 23.36   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.09  | 23.15  | 23.26   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 26.16  | 26.24  | 26.29   |            |         |  |  |
| 40                                                                    | 1         | 1         | QPSK      | 26.81  | 26.81  | 26.90   |            |         |  |  |
| 40                                                                    | 1         | 104       |           | 26.65  | 26.70  | 26.67   |            |         |  |  |
| 40                                                                    | 50        | 25        |           | 26.68  | 26.66  | 26.75   |            |         |  |  |
| 40                                                                    | 1         | 0         |           | 23.25  | 23.36  | 23.33   |            |         |  |  |
| 40                                                                    | 1         | 105       |           | 23.09  | 23.18  | 23.11   |            |         |  |  |
| 40                                                                    | 100       | 0         |           | 25.69  | 25.71  | 25.80   |            |         |  |  |
| 40                                                                    | 1         | 1         | 16-QAM    | 25.93  | 25.97  | 25.90   | 24.93      | 0.3112  |  |  |
| 40                                                                    | 1         | 1         | 64-QAM    | 24.39  | 24.40  | 24.33   |            |         |  |  |
| 40                                                                    | 1         | 1         | 256-QAM   | 22.12  | 22.05  | 22.15   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 50                                                                    | 1         | 1         | PI/2 BPSK | 26.50  | 26.63  | 26.55   | 25.59      | 0.3622  |  |  |
| 50                                                                    | 1         | 131       |           | 26.30  | 26.37  | 26.42   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.54  | 26.61  | 26.56   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 23.08  | 23.14  | 22.98   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.88  | 22.92  | 22.87   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 26.01  | 26.02  | 25.98   |            |         |  |  |
| 50                                                                    | 1         | 1         | QPSK      | 26.53  | 26.62  | 26.55   |            |         |  |  |
| 50                                                                    | 1         | 131       |           | 26.31  | 26.35  | 26.39   |            |         |  |  |
| 50                                                                    | 64        | 32        |           | 26.59  | 26.50  | 26.54   |            |         |  |  |
| 50                                                                    | 1         | 0         |           | 23.07  | 23.12  | 23.07   |            |         |  |  |
| 50                                                                    | 1         | 132       |           | 22.81  | 22.80  | 23.03   |            |         |  |  |
| 50                                                                    | 128       | 0         |           | 25.48  | 25.52  | 25.45   |            |         |  |  |
| 50                                                                    | 1         | 1         | 16-QAM    | 25.62  | 25.71  | 25.62   | 24.67      | 0.2931  |  |  |
| 50                                                                    | 1         | 1         | 64-QAM    | 24.25  | 24.15  | 24.11   |            |         |  |  |
| 50                                                                    | 1         | 1         | 256-QAM   | 21.91  | 21.90  | 21.88   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 60                                                                    | 1         | 1         | PI/2 BPSK | 26.60  | 26.67  | 26.62   | 25.63      | 0.3656  |  |  |
| 60                                                                    | 1         | 160       |           | 26.29  | 26.30  | 26.36   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.57  | 26.50  | 26.56   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 23.05  | 22.97  | 23.15   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.70  | 22.75  | 22.84   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 26.00  | 26.03  | 26.04   |            |         |  |  |
| 60                                                                    | 1         | 1         | QPSK      | 26.60  | 26.57  | 26.63   |            |         |  |  |
| 60                                                                    | 1         | 160       |           | 26.22  | 26.30  | 26.33   |            |         |  |  |
| 60                                                                    | 81        | 40        |           | 26.53  | 26.55  | 26.55   |            |         |  |  |
| 60                                                                    | 1         | 0         |           | 23.10  | 23.13  | 23.04   |            |         |  |  |
| 60                                                                    | 1         | 161       |           | 22.72  | 22.73  | 22.79   |            |         |  |  |
| 60                                                                    | 162       | 0         |           | 25.53  | 25.55  | 25.51   |            |         |  |  |
| 60                                                                    | 1         | 1         | 16-QAM    | 25.66  | 25.60  | 25.58   | 24.62      | 0.2897  |  |  |
| 60                                                                    | 1         | 1         | 64-QAM    | 24.17  | 24.19  | 24.23   |            |         |  |  |
| 60                                                                    | 1         | 1         | 256-QAM   | 21.85  | 21.90  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 70                                                                    | 1         | 1         | PI/2 BPSK | 26.61  | 26.74  | 26.72   | 25.70      | 0.3715  |  |  |
| 70                                                                    | 1         | 187       |           | 26.17  | 26.31  | 26.34   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.53  | 26.60  | 26.55   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 23.01  | 23.18  | 23.20   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.70  | 22.87  | 22.78   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.97  | 26.05  | 26.02   |            |         |  |  |
| 70                                                                    | 1         | 1         | QPSK      | 26.61  | 26.69  | 26.66   |            |         |  |  |
| 70                                                                    | 1         | 187       |           | 26.21  | 26.35  | 26.26   |            |         |  |  |
| 70                                                                    | 90        | 45        |           | 26.52  | 26.53  | 26.55   |            |         |  |  |
| 70                                                                    | 1         | 0         |           | 23.11  | 23.17  | 23.16   |            |         |  |  |
| 70                                                                    | 1         | 188       |           | 22.69  | 22.84  | 22.76   |            |         |  |  |
| 70                                                                    | 180       | 0         |           | 25.47  | 25.54  | 25.54   |            |         |  |  |
| 70                                                                    | 1         | 1         | 16-QAM    | 25.73  | 25.79  | 25.79   | 24.75      | 0.2985  |  |  |
| 70                                                                    | 1         | 1         | 64-QAM    | 24.20  | 24.28  | 24.28   |            |         |  |  |
| 70                                                                    | 1         | 1         | 256-QAM   | 21.91  | 22.00  | 22.04   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 80                                                                    | 1         | 1         | PI/2 BPSK | 26.68  | 26.69  | 26.71   | 25.67      | 0.3690  |  |  |
| 80                                                                    | 1         | 215       |           | 26.34  | 26.33  | 26.31   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.56  | 26.60  | 26.61   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 23.12  | 23.16  | 23.18   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.79  | 22.76  | 22.72   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 26.02  | 26.00  | 26.04   |            |         |  |  |
| 80                                                                    | 1         | 1         | QPSK      | 26.62  | 26.66  | 26.68   |            |         |  |  |
| 80                                                                    | 1         | 215       |           | 26.29  | 26.29  | 26.26   |            |         |  |  |
| 80                                                                    | 108       | 54        |           | 26.57  | 26.55  | 26.54   |            |         |  |  |
| 80                                                                    | 1         | 0         |           | 23.13  | 23.14  | 23.16   |            |         |  |  |
| 80                                                                    | 1         | 216       |           | 22.83  | 22.81  | 22.78   |            |         |  |  |
| 80                                                                    | 216       | 0         |           | 25.59  | 25.54  | 25.64   |            |         |  |  |
| 80                                                                    | 1         | 1         | 16-QAM    | 25.83  | 25.80  | 25.83   | 24.79      | 0.3013  |  |  |
| 80                                                                    | 1         | 1         | 64-QAM    | 24.20  | 24.21  | 24.25   |            |         |  |  |
| 80                                                                    | 1         | 1         | 256-QAM   | 21.93  | 21.98  | 21.99   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |



| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |  |  |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|--|--|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |  |  |
| 90                                                                    | 1         | 1         | PI/2 BPSK | 26.59  | 26.65  | 26.68   | 25.64      | 0.3664  |  |  |
| 90                                                                    | 1         | 243       |           | 26.34  | 26.37  | 26.31   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.55  | 26.59  | 26.57   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 23.08  | 23.11  | 23.18   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 22.84  | 22.82  | 22.80   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 26.02  | 25.97  | 26.00   |            |         |  |  |
| 90                                                                    | 1         | 1         | QPSK      | 26.60  | 26.62  | 26.64   |            |         |  |  |
| 90                                                                    | 1         | 243       |           | 26.31  | 26.32  | 26.30   |            |         |  |  |
| 90                                                                    | 120       | 60        |           | 26.56  | 26.57  | 26.56   |            |         |  |  |
| 90                                                                    | 1         | 0         |           | 23.08  | 23.13  | 23.24   |            |         |  |  |
| 90                                                                    | 1         | 244       |           | 22.84  | 22.84  | 22.91   |            |         |  |  |
| 90                                                                    | 243       | 0         |           | 25.56  | 25.55  | 25.53   |            |         |  |  |
| 90                                                                    | 1         | 1         | 16-QAM    | 25.71  | 25.75  | 25.82   | 24.78      | 0.3006  |  |  |
| 90                                                                    | 1         | 1         | 64-QAM    | 24.20  | 24.24  | 24.23   |            |         |  |  |
| 90                                                                    | 1         | 1         | 256-QAM   | 21.88  | 21.92  | 21.93   |            |         |  |  |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |  |  |

| Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.04 dB) |           |           |           |        |        |         |            |         |       |        |
|-----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|------------|---------|-------|--------|
| BW [MHz]                                                              | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | EIRP (dBm) | EIRP(W) |       |        |
| 100                                                                   | 1         | 1         | PI/2 BPSK | -      | 26.68  | -       | 25.64      | 0.3664  |       |        |
| 100                                                                   | 1         | 271       |           | -      | 26.33  | -       |            |         |       |        |
| 100                                                                   | 135       | 67        |           | -      | 26.62  | -       |            |         |       |        |
| 100                                                                   | 1         | 0         |           | -      | 23.15  | -       |            |         |       |        |
| 100                                                                   | 1         | 272       |           | -      | 22.90  | -       |            |         |       |        |
| 100                                                                   | 270       | 0         |           | -      | 26.08  | -       |            |         |       |        |
| 100                                                                   | 1         | 1         | QPSK      | -      | 26.65  | -       |            |         | 24.72 | 0.2965 |
| 100                                                                   | 1         | 271       |           | -      | 26.36  | -       |            |         |       |        |
| 100                                                                   | 135       | 67        |           | -      | 26.63  | -       |            |         |       |        |
| 100                                                                   | 1         | 0         |           | -      | 23.14  | -       |            |         |       |        |
| 100                                                                   | 1         | 272       |           | -      | 22.81  | -       |            |         |       |        |
| 100                                                                   | 270       | 0         |           | -      | 25.51  | -       |            |         |       |        |
| 100                                                                   | 1         | 1         | 16-QAM    | -      | 25.76  | -       | 24.72      | 0.2965  |       |        |
| 100                                                                   | 1         | 1         | 64-QAM    | -      | 24.30  | -       |            |         |       |        |
| 100                                                                   | 1         | 1         | 256-QAM   | -      | 21.89  | -       |            |         |       |        |
| Limit                                                                 | EIRP < 1W |           |           | Result |        |         | Pass       |         |       |        |



| Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |            |           |           |        |        |         |           |        |  |  |
|-----------------------------------------------------------------|------------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                        | RB Size    | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 5                                                               | 1          | 1         | PI/2 BPSK | 24.05  | 24.10  | 24.00   | 21.23     | 0.1327 |  |  |
| 5                                                               | 1          | 23        |           | 24.06  | 23.98  | 23.88   |           |        |  |  |
| 5                                                               | 12         | 6         |           | 24.11  | 24.05  | 23.86   |           |        |  |  |
| 5                                                               | 1          | 0         |           | 23.60  | 23.58  | 23.54   |           |        |  |  |
| 5                                                               | 1          | 24        |           | 23.60  | 23.40  | 23.40   |           |        |  |  |
| 5                                                               | 25         | 0         |           | 23.61  | 23.53  | 23.43   |           |        |  |  |
| 5                                                               | 1          | 1         | QPSK      | 24.12  | 24.16  | 24.03   |           |        |  |  |
| 5                                                               | 1          | 23        |           | 24.09  | 24.03  | 23.92   |           |        |  |  |
| 5                                                               | 12         | 6         |           | 24.06  | 24.08  | 23.90   |           |        |  |  |
| 5                                                               | 1          | 0         |           | 23.10  | 23.12  | 22.95   |           |        |  |  |
| 5                                                               | 1          | 24        |           | 23.02  | 22.96  | 22.80   |           |        |  |  |
| 5                                                               | 25         | 0         |           | 23.09  | 23.07  | 22.93   |           |        |  |  |
| 5                                                               | 1          | 1         | 16-QAM    | 23.06  | 23.13  | 23.12   | 20.20     | 0.1047 |  |  |
| 5                                                               | 1          | 1         | 64-QAM    | 21.82  | 21.84  | 21.71   |           |        |  |  |
| 5                                                               | 1          | 1         | 256-QAM   | 19.11  | 19.06  | 19.06   |           |        |  |  |
| Limit                                                           | ERP < 100W |           |           | Result |        |         | Pass      |        |  |  |

| Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.78 dB) |            |           |           |        |        |         |           |        |  |  |
|-----------------------------------------------------------------|------------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                        | RB Size    | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 10                                                              | 1          | 1         | PI/2 BPSK | -      | 24.14  | -       | 21.36     | 0.1368 |  |  |
| 10                                                              | 1          | 50        |           | -      | 23.95  | -       |           |        |  |  |
| 10                                                              | 25         | 12        |           | -      | 24.07  | -       |           |        |  |  |
| 10                                                              | 1          | 0         |           | -      | 23.54  | -       |           |        |  |  |
| 10                                                              | 1          | 51        |           | -      | 23.28  | -       |           |        |  |  |
| 10                                                              | 50         | 0         |           | -      | 23.57  | -       |           |        |  |  |
| 10                                                              | 1          | 1         | QPSK      | -      | 24.29  | -       |           |        |  |  |
| 10                                                              | 1          | 50        |           | -      | 23.94  | -       |           |        |  |  |
| 10                                                              | 25         | 12        |           | -      | 24.05  | -       |           |        |  |  |
| 10                                                              | 1          | 0         |           | -      | 23.16  | -       |           |        |  |  |
| 10                                                              | 1          | 51        |           | -      | 22.87  | -       |           |        |  |  |
| 10                                                              | 50         | 0         |           | -      | 23.09  | -       |           |        |  |  |
| 10                                                              | 1          | 1         | 16-QAM    | -      | 23.07  | -       | 20.14     | 0.1033 |  |  |
| 10                                                              | 1          | 1         | 64-QAM    | -      | 21.71  | -       |           |        |  |  |
| 10                                                              | 1          | 1         | 256-QAM   | -      | 19.14  | -       |           |        |  |  |
| Limit                                                           | ERP < 100W |           |           | Result |        |         | Pass      |        |  |  |



| NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.78 dB) |           |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                                 | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 5                                                                        | 1         | 1         | PI/2 BPSK | -      | 23.83  | -       | 20.98     | 0.1253 |  |  |
| 5                                                                        | 1         | 23        |           | -      | 23.77  | -       |           |        |  |  |
| 5                                                                        | 12        | 6         |           | -      | 23.79  | -       |           |        |  |  |
| 5                                                                        | 1         | 0         |           | -      | 23.41  | -       |           |        |  |  |
| 5                                                                        | 1         | 24        |           | -      | 23.30  | -       |           |        |  |  |
| 5                                                                        | 25        | 0         |           | -      | 23.27  | -       |           |        |  |  |
| 5                                                                        | 1         | 1         | QPSK      | -      | 23.91  | -       |           |        |  |  |
| 5                                                                        | 1         | 23        |           | -      | 23.80  | -       |           |        |  |  |
| 5                                                                        | 12        | 6         |           | -      | 23.85  | -       |           |        |  |  |
| 5                                                                        | 1         | 0         |           | -      | 22.72  | -       |           |        |  |  |
| 5                                                                        | 1         | 24        |           | -      | 22.72  | -       |           |        |  |  |
| 5                                                                        | 25        | 0         |           | -      | 22.84  | -       |           |        |  |  |
| 5                                                                        | 1         | 1         | 16-QAM    | -      | 22.94  | -       | 20.01     | 0.1002 |  |  |
| 5                                                                        | 1         | 1         | 64-QAM    | -      | 21.55  | -       |           |        |  |  |
| 5                                                                        | 1         | 1         | 256-QAM   | -      | 18.85  | -       |           |        |  |  |
| Limit                                                                    | EIRP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.78 dB) |           |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                                 | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 10                                                                       | 1         | 1         | PI/2 BPSK | -      | 24.01  | -       | 21.11     | 0.1291 |  |  |
| 10                                                                       | 1         | 50        |           | -      | 23.73  | -       |           |        |  |  |
| 10                                                                       | 25        | 12        |           | -      | 23.84  | -       |           |        |  |  |
| 10                                                                       | 1         | 0         |           | -      | 23.49  | -       |           |        |  |  |
| 10                                                                       | 1         | 51        |           | -      | 23.26  | -       |           |        |  |  |
| 10                                                                       | 50        | 0         |           | -      | 23.33  | -       |           |        |  |  |
| 10                                                                       | 1         | 1         | QPSK      | -      | 24.04  | -       |           |        |  |  |
| 10                                                                       | 1         | 50        |           | -      | 23.87  | -       |           |        |  |  |
| 10                                                                       | 25        | 12        |           | -      | 23.84  | -       |           |        |  |  |
| 10                                                                       | 1         | 0         |           | -      | 23.01  | -       |           |        |  |  |
| 10                                                                       | 1         | 51        |           | -      | 22.79  | -       |           |        |  |  |
| 10                                                                       | 50        | 0         |           | -      | 22.86  | -       |           |        |  |  |
| 10                                                                       | 1         | 1         | 16-QAM    | -      | 23.05  | -       | 20.12     | 0.1028 |  |  |
| 10                                                                       | 1         | 1         | 64-QAM    | -      | 21.72  | -       |           |        |  |  |
| 10                                                                       | 1         | 1         | 256-QAM   | -      | 19.05  | -       |           |        |  |  |
| Limit                                                                    | EIRP < 7W |           |           | Result |        |         | Pass      |        |  |  |



| NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.78 dB) |           |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                                 | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 15                                                                       | 1         | 1         | PI/2 BPSK | -      | 24.13  | -       | 21.25     | 0.1334 |  |  |
| 15                                                                       | 1         | 77        |           | -      | 23.82  | -       |           |        |  |  |
| 15                                                                       | 36        | 18        |           | -      | 23.89  | -       |           |        |  |  |
| 15                                                                       | 1         | 0         |           | -      | 23.61  | -       |           |        |  |  |
| 15                                                                       | 1         | 78        |           | -      | 23.23  | -       |           |        |  |  |
| 15                                                                       | 75        | 0         |           | -      | 23.47  | -       |           |        |  |  |
| 15                                                                       | 1         | 1         | QPSK      | -      | 24.18  | -       |           |        |  |  |
| 15                                                                       | 1         | 77        |           | -      | 23.84  | -       |           |        |  |  |
| 15                                                                       | 36        | 18        |           | -      | 23.97  | -       |           |        |  |  |
| 15                                                                       | 1         | 0         |           | -      | 23.18  | -       |           |        |  |  |
| 15                                                                       | 1         | 78        |           | -      | 22.82  | -       |           |        |  |  |
| 15                                                                       | 75        | 0         |           | -      | 22.98  | -       |           |        |  |  |
| 15                                                                       | 1         | 1         | 16-QAM    | -      | 23.15  | -       | 20.22     | 0.1052 |  |  |
| 15                                                                       | 1         | 1         | 64-QAM    | -      | 21.85  | -       |           |        |  |  |
| 15                                                                       | 1         | 1         | 256-QAM   | -      | 19.08  | -       |           |        |  |  |
| Limit                                                                    | EIRP < 7W |           |           | Result |        |         | Pass      |        |  |  |

| NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.78 dB) |           |           |           |        |        |         |           |        |  |  |
|--------------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|---------|-----------|--------|--|--|
| BW [MHz]                                                                 | RB Size   | RB Offset | Mod       | Lowest | Middle | Highest | ERP (dBm) | ERP    |  |  |
| 20                                                                       | 1         | 1         | PI/2 BPSK | -      | 24.25  | -       | 21.36     | 0.1368 |  |  |
| 20                                                                       | 1         | 104       |           | -      | 23.76  | -       |           |        |  |  |
| 20                                                                       | 50        | 25        |           | -      | 23.96  | -       |           |        |  |  |
| 20                                                                       | 1         | 0         |           | -      | 23.71  | -       |           |        |  |  |
| 20                                                                       | 1         | 105       |           | -      | 23.27  | -       |           |        |  |  |
| 20                                                                       | 100       | 0         |           | -      | 23.41  | -       |           |        |  |  |
| 20                                                                       | 1         | 1         | QPSK      | -      | 24.29  | -       |           |        |  |  |
| 20                                                                       | 1         | 104       |           | -      | 23.78  | -       |           |        |  |  |
| 20                                                                       | 50        | 25        |           | -      | 23.97  | -       |           |        |  |  |
| 20                                                                       | 1         | 0         |           | -      | 23.26  | -       |           |        |  |  |
| 20                                                                       | 1         | 105       |           | -      | 22.72  | -       |           |        |  |  |
| 20                                                                       | 100       | 0         |           | -      | 23.00  | -       |           |        |  |  |
| 20                                                                       | 1         | 1         | 16-QAM    | -      | 23.16  | -       | 20.23     | 0.1054 |  |  |
| 20                                                                       | 1         | 1         | 64-QAM    | -      | 21.93  | -       |           |        |  |  |
| 20                                                                       | 1         | 1         | 256-QAM   | -      | 19.16  | -       |           |        |  |  |
| Limit                                                                    | EIRP < 7W |           |           | Result |        |         | Pass      |        |  |  |



## &lt;MIMO Mode&gt;

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 10                                                              | 1         | 1      | QPSK    | 22.24     | 22.39  | 19.48   | 22.17     | 22.28  | 18.18   | 25.22   | 25.35  | 21.89   | 23.84 | 0.2421 |
| 10                                                              | 1         | 22     |         | 22.24     | 22.36  | 19.51   | 22.31     | 22.35  | 18.35   | 25.29   | 25.37  | 21.98   |       |        |
| 10                                                              | 12        | 6      |         | 22.26     | 22.42  | 19.53   | 22.32     | 22.35  | 18.18   | 25.30   | 25.40  | 21.92   |       |        |
| 10                                                              | 1         | 0      |         | 20.18     | 20.39  | 17.54   | 20.12     | 20.25  | 16.27   | 23.16   | 23.33  | 19.96   |       |        |
| 10                                                              | 1         | 23     |         | 20.16     | 20.34  | 17.56   | 20.25     | 20.26  | 16.28   | 23.22   | 23.31  | 19.98   |       |        |
| 10                                                              | 24        | 0      |         | 20.70     | 20.88  | 18.00   | 20.73     | 20.86  | 16.82   | 23.73   | 23.88  | 20.46   |       |        |
| 10                                                              | 1         | 1      | 16-QAM  | 21.69     | 21.93  | 18.87   | 21.71     | 21.84  | 17.55   | 24.71   | 24.90  | 21.27   | 23.34 | 0.2158 |
| 10                                                              | 1         | 1      | 64-QAM  | 20.12     | 20.42  | 17.45   | 20.33     | 20.33  | 16.18   | 23.24   | 23.39  | 19.87   |       |        |
| 10                                                              | 1         | 1      | 256-QAM | 17.25     | 17.32  | 17.16   | 17.36     | 17.16  | 16.99   | 20.32   | 20.25  | 20.09   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 15                                                              | 1         | 1      | QPSK    | 22.10     | 22.35  | 22.14   | 22.21     | 22.30  | 21.81   | 25.17   | 25.34  | 24.99   | 23.98 | 0.2500 |
| 15                                                              | 1         | 36     |         | 22.27     | 22.50  | 22.39   | 22.50     | 22.29  | 21.87   | 25.40   | 25.41  | 25.15   |       |        |
| 15                                                              | 19        | 9      |         | 22.22     | 22.58  | 22.28   | 22.39     | 22.48  | 21.95   | 25.32   | 25.54  | 25.13   |       |        |
| 15                                                              | 1         | 0      |         | 20.16     | 20.25  | 20.12   | 20.21     | 20.28  | 19.81   | 23.20   | 23.28  | 22.98   |       |        |
| 15                                                              | 1         | 37     |         | 20.30     | 20.50  | 20.24   | 20.40     | 20.30  | 19.86   | 23.36   | 23.41  | 23.06   |       |        |
| 15                                                              | 38        | 0      |         | 20.77     | 20.97  | 20.73   | 20.82     | 20.92  | 20.42   | 23.81   | 23.96  | 23.59   |       |        |
| 15                                                              | 1         | 1      | 16-QAM  | 21.44     | 21.74  | 21.49   | 21.66     | 21.72  | 21.21   | 24.56   | 24.74  | 24.36   | 23.18 | 0.2080 |
| 15                                                              | 1         | 1      | 64-QAM  | 20.15     | 20.36  | 20.16   | 20.24     | 20.41  | 19.77   | 23.21   | 23.40  | 22.98   |       |        |
| 15                                                              | 1         | 1      | 256-QAM | 17.17     | 17.39  | 14.49   | 17.45     | 17.55  | 13.35   | 20.32   | 20.48  | 16.97   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 20                                                              | 1         | 1      | QPSK    | 22.15     | 22.38  | 22.13   | 21.95     | 22.23  | 21.73   | 25.06   | 25.32  | 24.94   | 23.91 | 0.246  |
| 20                                                              | 1         | 49     |         | 22.18     | 22.27  | 22.29   | 21.94     | 22.49  | 21.85   | 25.07   | 25.39  | 25.09   |       |        |
| 20                                                              | 25        | 12     |         | 22.12     | 22.39  | 22.32   | 22.03     | 22.52  | 21.85   | 25.09   | 25.47  | 25.10   |       |        |
| 20                                                              | 1         | 0      |         | 20.08     | 20.29  | 20.05   | 20.15     | 20.29  | 19.63   | 23.13   | 23.30  | 22.86   |       |        |
| 20                                                              | 1         | 50     |         | 20.12     | 20.20  | 20.27   | 19.98     | 20.42  | 19.78   | 23.06   | 23.32  | 23.04   |       |        |
| 20                                                              | 51        | 0      |         | 20.66     | 20.94  | 20.80   | 20.55     | 20.93  | 20.37   | 23.62   | 23.95  | 23.60   |       |        |
| 20                                                              | 1         | 1      | 16-QAM  | 21.46     | 21.78  | 21.51   | 21.44     | 21.82  | 21.09   | 24.46   | 24.81  | 24.32   | 23.25 | 0.2113 |
| 20                                                              | 1         | 1      | 64-QAM  | 20.11     | 20.40  | 20.06   | 19.80     | 20.34  | 19.69   | 22.97   | 23.38  | 22.89   |       |        |
| 20                                                              | 1         | 1      | 256-QAM | 17.21     | 17.47  | 17.07   | 16.98     | 17.30  | 16.88   | 20.11   | 20.40  | 19.99   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 30                                                              | 1         | 1      | QPSK    | 22.16     | 22.43  | 22.24   | 22.31     | 22.29  | 21.78   | 25.25   | 25.37  | 25.03   | 23.95 | 0.2483 |
| 30                                                              | 1         | 76     |         | 22.64     | 22.32  | 22.44   | 22.26     | 22.67  | 21.79   | 25.46   | 25.51  | 25.14   |       |        |
| 30                                                              | 39        | 19     |         | 22.23     | 22.44  | 22.25   | 22.32     | 22.42  | 21.81   | 25.29   | 25.44  | 25.05   |       |        |
| 30                                                              | 1         | 0      |         | 20.32     | 20.37  | 20.20   | 20.31     | 20.30  | 19.77   | 23.33   | 23.35  | 23.00   |       |        |
| 30                                                              | 1         | 77     |         | 20.45     | 20.36  | 20.33   | 20.39     | 20.29  | 19.78   | 23.43   | 23.34  | 23.07   |       |        |
| 30                                                              | 78        | 0      |         | 20.78     | 20.96  | 20.78   | 20.84     | 20.92  | 20.29   | 23.82   | 23.95  | 23.55   |       |        |
| 30                                                              | 1         | 1      | 16-QAM  | 21.60     | 21.82  | 21.55   | 21.68     | 21.57  | 21.19   | 24.65   | 24.71  | 24.38   | 23.15 | 0.2065 |
| 30                                                              | 1         | 1      | 64-QAM  | 20.23     | 20.45  | 20.22   | 20.28     | 20.38  | 19.82   | 23.27   | 23.43  | 23.03   |       |        |
| 30                                                              | 1         | 1      | 256-QAM | 17.33     | 17.38  | 17.22   | 17.41     | 17.48  | 16.94   | 20.38   | 20.44  | 20.09   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 40                                                              | 1         | 1      | QPSK    | 22.31     | 22.52  | 22.31   | 22.31     | 22.26  | 21.90   | 25.32   | 25.40  | 25.12   | 23.88 | 0.2443 |
| 40                                                              | 1         | 104    |         | 22.49     | 22.39  | 22.31   | 22.36     | 22.25  | 21.95   | 25.44   | 25.33  | 25.14   |       |        |
| 40                                                              | 53        | 26     |         | 22.24     | 22.46  | 22.23   | 22.25     | 22.31  | 21.79   | 25.26   | 25.40  | 25.03   |       |        |
| 40                                                              | 1         | 0      |         | 20.37     | 20.52  | 20.19   | 20.36     | 20.39  | 19.87   | 23.38   | 23.47  | 23.04   |       |        |
| 40                                                              | 1         | 105    |         | 20.50     | 20.33  | 20.32   | 20.42     | 20.31  | 19.90   | 23.47   | 23.33  | 23.13   |       |        |
| 40                                                              | 106       | 0      |         | 20.79     | 21.00  | 20.78   | 20.83     | 20.94  | 20.39   | 23.82   | 23.98  | 23.60   |       |        |
| 40                                                              | 1         | 1      | 16-QAM  | 21.72     | 21.79  | 21.57   | 21.71     | 21.75  | 21.34   | 24.73   | 24.78  | 24.47   | 23.22 | 0.2099 |
| 40                                                              | 1         | 1      | 64-QAM  | 20.36     | 20.46  | 20.28   | 20.37     | 20.43  | 19.94   | 23.38   | 23.46  | 23.12   |       |        |
| 40                                                              | 1         | 1      | 256-QAM | 17.36     | 17.58  | 17.21   | 17.52     | 17.52  | 17.03   | 20.45   | 20.56  | 20.13   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 50                                                              | 1         | 1      | QPSK    | 22.02     | 22.02  | 22.13   | 22.24     | 22.04  | 21.58   | 25.14   | 25.04  | 24.87   | 23.68 | 0.2333 |
| 50                                                              | 1         | 131    |         | 22.28     | 22.11  | 22.06   | 21.98     | 21.95  | 21.52   | 25.14   | 25.04  | 24.81   |       |        |
| 50                                                              | 67        | 33     |         | 22.10     | 22.22  | 22.04   | 22.06     | 22.24  | 21.48   | 25.09   | 25.24  | 24.78   |       |        |
| 50                                                              | 1         | 0      |         | 19.89     | 20.03  | 19.77   | 20.25     | 20.07  | 19.52   | 23.08   | 23.06  | 22.66   |       |        |
| 50                                                              | 1         | 132    |         | 20.02     | 20.07  | 20.01   | 19.99     | 20.02  | 19.62   | 23.02   | 23.06  | 22.83   |       |        |
| 50                                                              | 133       | 0      |         | 20.57     | 20.67  | 20.52   | 20.68     | 20.69  | 20.11   | 23.64   | 23.69  | 23.33   |       |        |
| 50                                                              | 1         | 1      | 16-QAM  | 21.50     | 21.48  | 21.36   | 21.52     | 21.45  | 21.06   | 24.52   | 24.48  | 24.22   | 22.96 | 0.1977 |
| 50                                                              | 1         | 1      | 64-QAM  | 20.04     | 20.13  | 19.98   | 20.14     | 20.11  | 19.68   | 23.10   | 23.13  | 22.84   |       |        |
| 50                                                              | 1         | 1      | 256-QAM | 17.16     | 17.23  | 16.89   | 17.25     | 17.17  | 16.82   | 20.22   | 20.21  | 19.87   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 60                                                              | 1         | 1      | QPSK    | 21.96     | 22.18  | 18.84   | 21.99     | 21.91  | 19.14   | 24.99   | 25.06  | 22.00   | 23.63 | 0.2307 |
| 60                                                              | 1         | 160    |         | 22.04     | 22.05  | 18.83   | 22.08     | 21.91  | 18.95   | 25.07   | 24.99  | 21.90   |       |        |
| 60                                                              | 81        | 40     |         | 22.09     | 22.17  | 18.98   | 22.12     | 22.19  | 18.94   | 25.12   | 25.19  | 21.97   |       |        |
| 60                                                              | 1         | 0      |         | 20.05     | 20.02  | 16.93   | 19.95     | 19.88  | 16.91   | 23.01   | 22.96  | 19.93   |       |        |
| 60                                                              | 1         | 161    |         | 20.03     | 20.07  | 16.97   | 19.92     | 19.83  | 16.76   | 22.99   | 22.96  | 19.88   |       |        |
| 60                                                              | 162       | 0      |         | 20.53     | 20.71  | 17.54   | 20.62     | 20.63  | 17.44   | 23.59   | 23.68  | 20.50   |       |        |
| 60                                                              | 1         | 1      | 16-QAM  | 21.42     | 21.48  | 18.32   | 21.46     | 21.42  | 18.35   | 24.45   | 24.46  | 21.35   | 22.90 | 0.1950 |
| 60                                                              | 1         | 1      | 64-QAM  | 20.00     | 20.14  | 17.12   | 20.00     | 20.04  | 16.90   | 23.01   | 23.10  | 20.02   |       |        |
| 60                                                              | 1         | 1      | 256-QAM | 16.95     | 17.10  | 17.00   | 17.22     | 17.15  | 17.08   | 20.10   | 20.14  | 20.05   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 70                                                              | 1         | 1      | QPSK    | 21.85     | 22.09  | 21.93   | 22.12     | 22.02  | 21.84   | 25.00   | 25.07  | 24.90   | 23.62 | 0.2301 |
| 70                                                              | 1         | 187    |         | 22.23     | 22.08  | 22.34   | 21.98     | 21.91  | 21.64   | 25.12   | 25.01  | 25.01   |       |        |
| 70                                                              | 95        | 47     |         | 22.17     | 22.15  | 22.13   | 22.09     | 22.18  | 21.88   | 25.14   | 25.18  | 25.02   |       |        |
| 70                                                              | 1         | 0      |         | 19.93     | 20.10  | 19.86   | 19.99     | 19.97  | 19.82   | 22.97   | 23.05  | 22.85   |       |        |
| 70                                                              | 1         | 188    |         | 20.06     | 19.89  | 19.90   | 19.91     | 19.88  | 19.65   | 23.00   | 22.90  | 22.79   |       |        |
| 70                                                              | 189       | 0      |         | 20.61     | 20.63  | 20.59   | 20.61     | 20.56  | 20.28   | 23.62   | 23.61  | 23.45   |       |        |
| 70                                                              | 1         | 1      | 16-QAM  | 21.27     | 21.54  | 21.40   | 21.33     | 21.30  | 21.22   | 24.31   | 24.43  | 24.32   | 22.87 | 0.1936 |
| 70                                                              | 1         | 1      | 64-QAM  | 19.96     | 20.21  | 20.02   | 19.90     | 20.14  | 19.91   | 22.94   | 23.19  | 22.98   |       |        |
| 70                                                              | 1         | 1      | 256-QAM | 16.70     | 16.86  | 16.99   | 17.04     | 17.24  | 17.05   | 19.88   | 20.06  | 20.03   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 80                                                              | 1         | 1      | QPSK    | 21.81     | 22.00  | 21.93   | 22.03     | 21.87  | 21.88   | 24.93   | 24.95  | 24.92   | 23.64 | 0.2312 |
| 80                                                              | 1         | 215    |         | 22.00     | 21.87  | 22.01   | 22.05     | 21.79  | 21.52   | 25.04   | 24.84  | 24.78   |       |        |
| 80                                                              | 109       | 54     |         | 22.17     | 22.10  | 22.11   | 22.20     | 22.16  | 21.84   | 25.20   | 25.14  | 24.99   |       |        |
| 80                                                              | 1         | 0      |         | 19.93     | 19.97  | 19.88   | 19.92     | 19.97  | 19.90   | 22.94   | 22.98  | 22.90   |       |        |
| 80                                                              | 1         | 216    |         | 20.09     | 19.86  | 19.99   | 20.02     | 20.00  | 19.52   | 23.07   | 22.94  | 22.77   |       |        |
| 80                                                              | 217       | 0      |         | 20.59     | 20.56  | 20.59   | 20.55     | 20.59  | 20.22   | 23.58   | 23.59  | 23.42   |       |        |
| 80                                                              | 1         | 1      | 16-QAM  | 21.20     | 21.30  | 21.37   | 21.34     | 21.38  | 21.17   | 24.28   | 24.35  | 24.28   | 22.79 | 0.1901 |
| 80                                                              | 1         | 1      | 64-QAM  | 19.71     | 19.98  | 20.12   | 20.06     | 20.13  | 19.92   | 22.90   | 23.07  | 23.03   |       |        |
| 80                                                              | 1         | 1      | 256-QAM | 16.91     | 17.38  | 16.90   | 16.96     | 17.15  | 16.99   | 19.95   | 20.28  | 19.96   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 90                                                              | 1         | 1      | QPSK    | 21.88     | 22.03  | 21.95   | 21.99     | 22.08  | 22.05   | 24.95   | 25.07  | 25.01   | 23.67 | 0.2328 |
| 90                                                              | 1         | 243    |         | 22.37     | 22.10  | 22.06   | 22.01     | 22.00  | 21.61   | 25.20   | 25.06  | 24.85   |       |        |
| 90                                                              | 123       | 61     |         | 22.23     | 22.19  | 22.06   | 22.21     | 22.16  | 21.84   | 25.23   | 25.19  | 24.96   |       |        |
| 90                                                              | 1         | 0      |         | 19.82     | 19.93  | 20.00   | 20.00     | 19.97  | 19.84   | 22.92   | 22.96  | 22.93   |       |        |
| 90                                                              | 1         | 244    |         | 20.11     | 20.17  | 20.07   | 20.24     | 19.81  | 19.60   | 23.19   | 23.00  | 22.85   |       |        |
| 90                                                              | 245       | 0      |         | 20.55     | 20.64  | 20.48   | 20.55     | 20.61  | 20.28   | 23.56   | 23.64  | 23.39   |       |        |
| 90                                                              | 1         | 1      | 16-QAM  | 21.41     | 21.51  | 21.48   | 21.51     | 21.41  | 21.61   | 24.47   | 24.47  | 24.56   | 23.00 | 0.1995 |
| 90                                                              | 1         | 1      | 64-QAM  | 19.80     | 20.08  | 20.03   | 20.10     | 20.13  | 19.91   | 22.96   | 23.12  | 22.98   |       |        |
| 90                                                              | 1         | 1      | 256-QAM | 16.95     | 17.12  | 16.94   | 17.03     | 17.09  | 17.05   | 20.00   | 20.12  | 20.01   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 100                                                             | 1         | 1      | QPSK    | 21.76     | 22.00  | 21.94   | 21.94     | 22.09  | 21.87   | 24.86   | 25.06  | 24.92   | 23.67 | 0.2328 |
| 100                                                             | 1         | 271    |         | 22.13     | 22.04  | 22.03   | 22.11     | 21.91  | 21.71   | 25.13   | 24.99  | 24.88   |       |        |
| 100                                                             | 137       | 68     |         | 22.14     | 22.28  | 21.98   | 22.20     | 22.16  | 21.88   | 25.18   | 25.23  | 24.94   |       |        |
| 100                                                             | 1         | 0      |         | 19.82     | 20.09  | 19.89   | 19.99     | 19.98  | 19.95   | 22.92   | 23.05  | 22.93   |       |        |
| 100                                                             | 1         | 272    |         | 20.09     | 20.09  | 20.10   | 20.02     | 19.98  | 19.70   | 23.07   | 23.05  | 22.91   |       |        |
| 100                                                             | 273       | 0      |         | 20.64     | 20.65  | 20.50   | 20.57     | 20.57  | 20.32   | 23.62   | 23.62  | 23.42   |       |        |
| 100                                                             | 1         | 1      | 16-QAM  | 21.24     | 21.64  | 21.36   | 21.36     | 21.44  | 21.23   | 24.31   | 24.55  | 24.31   | 22.99 | 0.1991 |
| 100                                                             | 1         | 1      | 64-QAM  | 19.77     | 20.20  | 20.02   | 20.22     | 20.01  | 19.83   | 23.01   | 23.12  | 22.94   |       |        |
| 100                                                             | 1         | 1      | 256-QAM | 16.89     | 17.10  | 16.89   | 17.01     | 17.06  | 17.09   | 19.96   | 20.09  | 20.00   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 10                                                              | 1         | 1      | QPSK    | 21.76     | 21.89  | 21.95   | 21.87     | 21.94  | 22.07   | 24.83   | 24.93  | 25.02   | 23.50 | 0.2239 |
| 10                                                              | 1         | 22     |         | 21.82     | 21.95  | 21.97   | 21.85     | 22.15  | 21.93   | 24.85   | 25.06  | 24.96   |       |        |
| 10                                                              | 12        | 6      |         | 21.85     | 22.04  | 22.03   | 21.93     | 21.97  | 21.98   | 24.90   | 25.02  | 25.02   |       |        |
| 10                                                              | 1         | 0      |         | 19.96     | 19.98  | 20.11   | 19.81     | 19.95  | 19.92   | 22.90   | 22.98  | 23.03   |       |        |
| 10                                                              | 1         | 23     |         | 19.87     | 19.98  | 19.96   | 19.94     | 19.95  | 19.84   | 22.92   | 22.98  | 22.91   |       |        |
| 10                                                              | 24        | 0      |         | 20.40     | 20.52  | 20.51   | 20.46     | 20.54  | 20.50   | 23.44   | 23.54  | 23.52   |       |        |
| 10                                                              | 1         | 1      | 16-QAM  | 21.24     | 21.35  | 21.44   | 21.29     | 21.41  | 21.35   | 24.28   | 24.39  | 24.41   | 22.85 | 0.1928 |
| 10                                                              | 1         | 1      | 64-QAM  | 19.85     | 20.04  | 20.09   | 19.91     | 20.03  | 19.98   | 22.89   | 23.05  | 23.05   |       |        |
| 10                                                              | 1         | 1      | 256-QAM | 16.80     | 16.95  | 17.03   | 17.01     | 17.02  | 17.08   | 19.92   | 20.00  | 20.07   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 15                                                              | 1         | 1      | QPSK    | 21.86     | 22.00  | 22.05   | 21.98     | 22.02  | 21.98   | 24.93   | 25.02  | 25.03   | 23.54 | 0.2259 |
| 15                                                              | 1         | 36     |         | 21.94     | 22.11  | 22.05   | 22.08     | 21.99  | 22.10   | 25.02   | 25.06  | 25.09   |       |        |
| 15                                                              | 19        | 9      |         | 21.88     | 22.03  | 22.10   | 22.03     | 22.07  | 22.07   | 24.97   | 25.06  | 25.10   |       |        |
| 15                                                              | 1         | 0      |         | 19.84     | 19.98  | 20.02   | 19.90     | 19.94  | 20.04   | 22.88   | 22.97  | 23.04   |       |        |
| 15                                                              | 1         | 37     |         | 19.95     | 20.05  | 19.98   | 19.97     | 19.96  | 20.02   | 22.97   | 23.02  | 23.01   |       |        |
| 15                                                              | 38        | 0      |         | 20.33     | 20.50  | 20.52   | 20.50     | 20.57  | 20.55   | 23.43   | 23.55  | 23.55   |       |        |
| 15                                                              | 1         | 1      | 16-QAM  | 21.25     | 21.38  | 21.52   | 21.36     | 21.28  | 21.61   | 24.32   | 24.34  | 24.58   | 23.02 | 0.2004 |
| 15                                                              | 1         | 1      | 64-QAM  | 19.87     | 20.22  | 20.11   | 20.00     | 20.00  | 20.10   | 22.95   | 23.12  | 23.12   |       |        |
| 15                                                              | 1         | 1      | 256-QAM | 16.94     | 17.04  | 16.98   | 17.03     | 17.09  | 17.17   | 20.00   | 20.08  | 20.09   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 20                                                              | 1         | 1      | QPSK    | 21.83     | 21.97  | 22.13   | 22.01     | 21.96  | 22.05   | 24.93   | 24.98  | 25.10   | 23.57 | 0.2275 |
| 20                                                              | 1         | 49     |         | 21.90     | 22.01  | 22.00   | 22.21     | 22.22  | 21.96   | 25.07   | 25.13  | 24.99   |       |        |
| 20                                                              | 25        | 12     |         | 21.91     | 21.97  | 22.11   | 22.01     | 22.11  | 22.12   | 24.97   | 25.05  | 25.13   |       |        |
| 20                                                              | 1         | 0      |         | 19.91     | 20.03  | 20.31   | 20.03     | 20.07  | 19.93   | 22.98   | 23.06  | 23.13   |       |        |
| 20                                                              | 1         | 50     |         | 20.03     | 20.15  | 20.08   | 20.05     | 19.98  | 19.98   | 23.05   | 23.08  | 23.04   |       |        |
| 20                                                              | 51        | 0      |         | 20.41     | 20.47  | 20.58   | 20.51     | 20.57  | 20.55   | 23.47   | 23.53  | 23.58   |       |        |
| 20                                                              | 1         | 1      | 16-QAM  | 21.29     | 21.45  | 21.46   | 21.52     | 21.47  | 21.50   | 24.42   | 24.47  | 24.49   | 22.93 | 0.1963 |
| 20                                                              | 1         | 1      | 64-QAM  | 19.93     | 20.11  | 20.13   | 20.06     | 20.00  | 20.08   | 23.01   | 23.07  | 23.12   |       |        |
| 20                                                              | 1         | 1      | 256-QAM | 16.90     | 16.98  | 17.11   | 17.08     | 17.04  | 17.25   | 20.00   | 20.02  | 20.19   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 30                                                              | 1         | 1      | QPSK    | 21.90     | 22.19  | 21.99   | 22.01     | 22.07  | 21.92   | 24.97   | 25.14  | 24.97   | 23.64 | 0.2312 |
| 30                                                              | 1         | 76     |         | 22.18     | 22.30  | 22.06   | 21.99     | 22.07  | 22.16   | 25.10   | 25.20  | 25.12   |       |        |
| 30                                                              | 39        | 19     |         | 21.89     | 22.00  | 22.05   | 22.01     | 22.04  | 22.04   | 24.96   | 25.03  | 25.06   |       |        |
| 30                                                              | 1         | 0      |         | 19.88     | 20.12  | 19.97   | 20.02     | 20.05  | 19.98   | 22.96   | 23.10  | 22.99   |       |        |
| 30                                                              | 1         | 77     |         | 20.09     | 20.12  | 20.08   | 20.03     | 20.05  | 20.00   | 23.07   | 23.10  | 23.05   |       |        |
| 30                                                              | 78        | 0      |         | 20.49     | 20.49  | 20.59   | 20.53     | 20.57  | 20.57   | 23.52   | 23.54  | 23.59   |       |        |
| 30                                                              | 1         | 1      | 16-QAM  | 21.28     | 21.45  | 21.37   | 21.46     | 21.50  | 21.39   | 24.38   | 24.49  | 24.39   | 22.93 | 0.1963 |
| 30                                                              | 1         | 1      | 64-QAM  | 19.94     | 20.29  | 20.07   | 20.06     | 20.14  | 20.01   | 23.01   | 23.23  | 23.05   |       |        |
| 30                                                              | 1         | 1      | 256-QAM | 16.96     | 17.14  | 17.02   | 17.21     | 17.20  | 17.18   | 20.10   | 20.18  | 20.11   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 40                                                              | 1         | 1      | QPSK    | 21.95     | 22.09  | 22.07   | 22.09     | 22.26  | 22.04   | 25.03   | 25.19  | 25.07   | 23.71 | 0.235  |
| 40                                                              | 1         | 104    |         | 22.18     | 22.19  | 22.18   | 22.07     | 22.33  | 22.08   | 25.14   | 25.27  | 25.14   |       |        |
| 40                                                              | 53        | 26     |         | 21.99     | 22.00  | 22.23   | 22.04     | 22.10  | 22.07   | 25.03   | 25.06  | 25.16   |       |        |
| 40                                                              | 1         | 0      |         | 19.98     | 20.23  | 20.04   | 20.06     | 20.12  | 20.12   | 23.03   | 23.19  | 23.09   |       |        |
| 40                                                              | 1         | 105    |         | 20.23     | 20.33  | 20.17   | 20.11     | 20.12  | 20.15   | 23.18   | 23.24  | 23.17   |       |        |
| 40                                                              | 106       | 0      |         | 20.43     | 20.56  | 20.69   | 20.59     | 20.66  | 20.64   | 23.52   | 23.62  | 23.68   |       |        |
| 40                                                              | 1         | 1      | 16-QAM  | 21.37     | 21.59  | 21.44   | 21.43     | 21.50  | 21.40   | 24.41   | 24.56  | 24.43   | 23.00 | 0.1995 |
| 40                                                              | 1         | 1      | 64-QAM  | 19.99     | 20.25  | 20.09   | 20.16     | 20.19  | 20.07   | 23.09   | 23.23  | 23.09   |       |        |
| 40                                                              | 1         | 1      | 256-QAM | 16.97     | 17.11  | 17.09   | 17.15     | 17.28  | 17.19   | 20.07   | 20.21  | 20.15   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 50                                                              | 1         | 1      | QPSK    | 21.59     | 21.83  | 21.56   | 21.80     | 21.77  | 21.88   | 24.71   | 24.81  | 24.73   | 23.36 | 0.2168 |
| 50                                                              | 1         | 131    |         | 21.88     | 21.96  | 21.88   | 21.74     | 21.86  | 21.64   | 24.82   | 24.92  | 24.77   |       |        |
| 50                                                              | 67        | 33     |         | 21.76     | 21.91  | 21.94   | 21.80     | 21.80  | 21.87   | 24.79   | 24.87  | 24.92   |       |        |
| 50                                                              | 1         | 0      |         | 19.70     | 19.80  | 19.73   | 19.72     | 19.74  | 19.69   | 22.72   | 22.78  | 22.72   |       |        |
| 50                                                              | 1         | 132    |         | 19.92     | 19.93  | 19.86   | 19.71     | 19.85  | 19.66   | 22.83   | 22.90  | 22.77   |       |        |
| 50                                                              | 133       | 0      |         | 20.20     | 20.35  | 20.41   | 20.32     | 20.35  | 20.26   | 23.27   | 23.36  | 23.35   |       |        |
| 50                                                              | 1         | 1      | 16-QAM  | 21.12     | 21.12  | 21.12   | 21.06     | 21.16  | 21.02   | 24.10   | 24.15  | 24.08   | 22.59 | 0.1816 |
| 50                                                              | 1         | 1      | 64-QAM  | 19.60     | 19.87  | 19.81   | 19.82     | 19.81  | 19.70   | 22.72   | 22.85  | 22.77   |       |        |
| 50                                                              | 1         | 1      | 256-QAM | 16.58     | 16.82  | 16.74   | 16.91     | 16.91  | 16.82   | 19.76   | 19.88  | 19.79   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 60                                                              | 1         | 1      | QPSK    | 21.38     | 21.52  | 21.68   | 21.60     | 21.65  | 21.68   | 24.50   | 24.60  | 24.69   | 23.38 | 0.2178 |
| 60                                                              | 1         | 160    |         | 21.83     | 22.02  | 21.96   | 21.67     | 21.84  | 21.74   | 24.76   | 24.94  | 24.86   |       |        |
| 60                                                              | 81        | 40     |         | 21.82     | 21.84  | 21.94   | 21.87     | 21.82  | 21.81   | 24.86   | 24.84  | 24.89   |       |        |
| 60                                                              | 1         | 0      |         | 19.41     | 19.60  | 19.54   | 19.74     | 19.72  | 19.66   | 22.59   | 22.67  | 22.61   |       |        |
| 60                                                              | 1         | 161    |         | 19.67     | 19.97  | 19.92   | 19.73     | 19.86  | 19.72   | 22.71   | 22.93  | 22.83   |       |        |
| 60                                                              | 162       | 0      |         | 20.30     | 20.41  | 20.43   | 20.26     | 20.35  | 20.27   | 23.29   | 23.39  | 23.36   |       |        |
| 60                                                              | 1         | 1      | 16-QAM  | 20.80     | 20.97  | 21.00   | 21.05     | 21.10  | 21.06   | 23.94   | 24.05  | 24.04   | 22.49 | 0.1774 |
| 60                                                              | 1         | 1      | 64-QAM  | 19.50     | 19.66  | 19.74   | 19.68     | 19.74  | 19.77   | 22.60   | 22.71  | 22.77   |       |        |
| 60                                                              | 1         | 1      | 256-QAM | 16.47     | 16.52  | 16.66   | 16.85     | 16.86  | 16.84   | 19.67   | 19.70  | 19.76   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 70                                                              | 1         | 1      | QPSK    | 21.73     | 21.67  | 21.93   | 21.76     | 21.85  | 21.63   | 24.76   | 24.77  | 24.79   | 23.53 | 0.2254 |
| 70                                                              | 1         | 187    |         | 21.88     | 21.93  | 21.91   | 21.92     | 22.23  | 21.74   | 24.91   | 25.09  | 24.84   |       |        |
| 70                                                              | 95        | 47     |         | 21.91     | 21.93  | 21.98   | 21.89     | 21.84  | 21.95   | 24.91   | 24.90  | 24.98   |       |        |
| 70                                                              | 1         | 0      |         | 19.63     | 21.75  | 21.92   | 19.92     | 19.75  | 21.85   | 22.79   | 23.87  | 24.90   |       |        |
| 70                                                              | 1         | 188    |         | 19.81     | 19.95  | 19.71   | 19.83     | 19.91  | 21.84   | 22.83   | 22.94  | 23.91   |       |        |
| 70                                                              | 189       | 0      |         | 20.35     | 20.43  | 20.44   | 20.35     | 20.36  | 20.48   | 23.36   | 23.41  | 23.47   |       |        |
| 70                                                              | 1         | 1      | 16-QAM  | 21.06     | 21.37  | 21.22   | 21.21     | 21.26  | 21.17   | 24.15   | 24.33  | 24.21   | 22.77 | 0.1892 |
| 70                                                              | 1         | 1      | 64-QAM  | 19.48     | 19.87  | 20.07   | 19.95     | 19.95  | 19.73   | 22.73   | 22.92  | 22.91   |       |        |
| 70                                                              | 1         | 1      | 256-QAM | 16.23     | 16.53  | 16.65   | 16.86     | 16.92  | 16.86   | 19.57   | 19.74  | 19.77   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 80                                                              | 1         | 1      | QPSK    | 21.74     | 21.80  | 21.63   | 21.80     | 21.66  | 21.75   | 24.78   | 24.74  | 24.70   | 23.45 | 0.2213 |
| 80                                                              | 1         | 215    |         | 22.02     | 22.05  | 21.92   | 21.73     | 21.95  | 21.96   | 24.89   | 25.01  | 24.95   |       |        |
| 80                                                              | 109       | 54     |         | 21.89     | 21.91  | 21.99   | 21.83     | 21.79  | 21.96   | 24.87   | 24.86  | 24.99   |       |        |
| 80                                                              | 1         | 0      |         | 19.58     | 19.52  | 19.68   | 19.73     | 19.75  | 19.83   | 22.67   | 22.65  | 22.77   |       |        |
| 80                                                              | 1         | 216    |         | 19.94     | 19.93  | 19.98   | 19.93     | 19.91  | 19.78   | 22.95   | 22.93  | 22.89   |       |        |
| 80                                                              | 217       | 0      |         | 20.36     | 20.39  | 20.45   | 20.34     | 20.29  | 20.38   | 23.36   | 23.35  | 23.43   |       |        |
| 80                                                              | 1         | 1      | 16-QAM  | 21.02     | 20.88  | 21.08   | 21.26     | 21.17  | 20.95   | 24.15   | 24.04  | 24.03   | 22.59 | 0.1816 |
| 80                                                              | 1         | 1      | 64-QAM  | 19.64     | 19.60  | 19.66   | 19.72     | 19.75  | 19.79   | 22.69   | 22.69  | 22.74   |       |        |
| 80                                                              | 1         | 1      | 256-QAM | 16.59     | 16.61  | 16.74   | 17.04     | 16.88  | 16.76   | 19.83   | 19.76  | 19.76   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 90                                                              | 1         | 1      | QPSK    | 21.57     | 21.83  | 21.66   | 21.63     | 21.76  | 21.67   | 24.61   | 24.81  | 24.68   | 23.54 | 0.2259 |
| 90                                                              | 1         | 243    |         | 22.15     | 22.07  | 21.98   | 22.03     | 21.86  | 21.79   | 25.10   | 24.98  | 24.90   |       |        |
| 90                                                              | 123       | 61     |         | 21.91     | 21.97  | 21.88   | 21.90     | 21.87  | 21.86   | 24.92   | 24.93  | 24.88   |       |        |
| 90                                                              | 1         | 0      |         | 19.68     | 19.65  | 19.60   | 19.80     | 19.84  | 19.79   | 22.75   | 22.76  | 22.71   |       |        |
| 90                                                              | 1         | 244    |         | 20.18     | 20.04  | 19.99   | 20.00     | 19.99  | 20.00   | 23.10   | 23.03  | 23.01   |       |        |
| 90                                                              | 245       | 0      |         | 20.34     | 20.39  | 20.19   | 20.39     | 20.38  | 20.41   | 23.38   | 23.40  | 23.31   |       |        |
| 90                                                              | 1         | 1      | 16-QAM  | 20.97     | 21.10  | 20.96   | 21.15     | 20.99  | 21.15   | 24.07   | 24.06  | 24.07   | 22.51 | 0.1782 |
| 90                                                              | 1         | 1      | 64-QAM  | 19.70     | 19.58  | 19.53   | 19.81     | 19.89  | 19.76   | 22.77   | 22.75  | 22.66   |       |        |
| 90                                                              | 1         | 1      | 256-QAM | 16.47     | 16.70  | 16.56   | 16.86     | 16.82  | 16.88   | 19.68   | 19.77  | 19.73   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -1.56 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 100                                                             | 1         | 1      | QPSK    | -         | 21.60  | -       | -         | 21.69  | -       | -       | 24.66  | -       | 23.50 | 0.2239 |
| 100                                                             | 1         | 271    |         | -         | 22.11  | -       | -         | 21.98  | -       | -       | 25.06  | -       |       |        |
| 100                                                             | 137       | 68     |         | -         | 21.95  | -       | -         | 21.90  | -       | -       | 24.94  | -       |       |        |
| 100                                                             | 1         | 0      |         | -         | 19.66  | -       | -         | 19.84  | -       | -       | 22.76  | -       |       |        |
| 100                                                             | 1         | 272    |         | -         | 20.09  | -       | -         | 20.00  | -       | -       | 23.06  | -       |       |        |
| 100                                                             | 273       | 0      |         | -         | 20.42  | -       | -         | 20.32  | -       | -       | 23.38  | -       |       |        |
| 100                                                             | 1         | 1      | 16-QAM  | -         | 21.02  | -       | -         | 21.11  | -       | -       | 24.08  | -       | 22.52 | 0.1786 |
| 100                                                             | 1         | 1      | 64-QAM  | -         | 19.79  | -       | -         | 19.85  | -       | -       | 22.83  | -       |       |        |
| 100                                                             | 1         | 1      | 256-QAM | -         | 16.60  | -       | -         | 16.88  | -       | -       | 19.75  | -       |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 10                                                              | 1         | 1      | QPSK    | 22.43     | 22.41  | 22.33   | 22.20     | 22.24  | 21.99   | 25.33   | 25.34  | 25.17   | 24.30 | 0.2692 |
| 10                                                              | 1         | 22     |         | 22.28     | 22.41  | 22.31   | 22.13     | 22.03  | 21.99   | 25.22   | 25.23  | 25.16   |       |        |
| 10                                                              | 12        | 6      |         | 22.33     | 22.41  | 22.27   | 22.26     | 22.15  | 22.09   | 25.31   | 25.29  | 25.19   |       |        |
| 10                                                              | 1         | 0      |         | 20.35     | 20.45  | 20.27   | 20.30     | 20.12  | 20.02   | 23.34   | 23.30  | 23.16   |       |        |
| 10                                                              | 1         | 23     |         | 20.43     | 20.43  | 20.27   | 20.06     | 20.00  | 19.91   | 23.26   | 23.23  | 23.10   |       |        |
| 10                                                              | 24        | 0      |         | 20.96     | 20.89  | 20.83   | 20.73     | 20.67  | 20.56   | 23.86   | 23.79  | 23.71   |       |        |
| 10                                                              | 1         | 1      | 16-QAM  | 21.73     | 21.79  | 21.62   | 21.75     | 21.50  | 21.42   | 24.75   | 24.66  | 24.53   | 23.71 | 0.2350 |
| 10                                                              | 1         | 1      | 64-QAM  | 20.47     | 20.50  | 20.32   | 20.27     | 20.14  | 20.06   | 23.38   | 23.33  | 23.20   |       |        |
| 10                                                              | 1         | 1      | 256-QAM | 17.06     | 17.47  | 17.30   | 17.05     | 17.25  | 17.16   | 20.07   | 20.37  | 20.24   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 15                                                              | 1         | 1      | QPSK    | 22.49     | 22.52  | 22.45   | 22.28     | 22.22  | 22.17   | 25.40   | 25.38  | 25.32   | 24.36 | 0.2729 |
| 15                                                              | 1         | 36     |         | 22.47     | 22.42  | 22.43   | 22.25     | 22.24  | 21.97   | 25.37   | 25.34  | 25.22   |       |        |
| 15                                                              | 19        | 9      |         | 22.46     | 22.43  | 22.44   | 22.28     | 22.33  | 22.12   | 25.38   | 25.39  | 25.29   |       |        |
| 15                                                              | 1         | 0      |         | 20.53     | 20.49  | 20.52   | 20.37     | 20.31  | 20.15   | 23.46   | 23.41  | 23.35   |       |        |
| 15                                                              | 1         | 37     |         | 20.45     | 20.38  | 20.42   | 20.20     | 20.25  | 20.11   | 23.34   | 23.33  | 23.28   |       |        |
| 15                                                              | 38        | 0      |         | 20.96     | 20.95  | 20.97   | 20.73     | 20.73  | 20.72   | 23.86   | 23.85  | 23.86   |       |        |
| 15                                                              | 1         | 1      | 16-QAM  | 21.80     | 21.75  | 21.82   | 21.74     | 21.66  | 21.57   | 24.78   | 24.72  | 24.71   | 23.74 | 0.2366 |
| 15                                                              | 1         | 1      | 64-QAM  | 20.54     | 20.52  | 20.49   | 20.35     | 20.35  | 20.20   | 23.46   | 23.45  | 23.36   |       |        |
| 15                                                              | 1         | 1      | 256-QAM | 17.63     | 17.55  | 17.57   | 17.45     | 17.43  | 17.37   | 20.55   | 20.50  | 20.48   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 20                                                              | 1         | 1      | QPSK    | 22.34     | 22.35  | 22.42   | 22.36     | 22.28  | 22.06   | 25.36   | 25.33  | 25.25   | 24.39 | 0.2748 |
| 20                                                              | 1         | 49     |         | 22.33     | 22.59  | 22.48   | 22.26     | 22.17  | 22.08   | 25.31   | 25.40  | 25.29   |       |        |
| 20                                                              | 25        | 12     |         | 22.50     | 22.47  | 22.45   | 22.34     | 22.26  | 22.14   | 25.43   | 25.38  | 25.31   |       |        |
| 20                                                              | 1         | 0      |         | 20.47     | 20.56  | 20.56   | 20.45     | 20.26  | 20.13   | 23.47   | 23.42  | 23.36   |       |        |
| 20                                                              | 1         | 50     |         | 20.55     | 20.40  | 20.47   | 20.36     | 20.30  | 20.11   | 23.47   | 23.36  | 23.30   |       |        |
| 20                                                              | 51        | 0      |         | 21.01     | 20.95  | 20.90   | 20.76     | 20.76  | 20.68   | 23.90   | 23.87  | 23.80   |       |        |
| 20                                                              | 1         | 1      | 16-QAM  | 21.87     | 21.83  | 21.74   | 21.92     | 21.71  | 21.53   | 24.91   | 24.78  | 24.65   | 23.87 | 0.2438 |
| 20                                                              | 1         | 1      | 64-QAM  | 20.52     | 20.43  | 20.47   | 20.31     | 20.39  | 20.15   | 23.43   | 23.42  | 23.32   |       |        |
| 20                                                              | 1         | 1      | 256-QAM | 17.58     | 17.49  | 17.49   | 17.38     | 17.36  | 17.27   | 20.49   | 20.44  | 20.39   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 30                                                              | 1         | 1      | QPSK    | 22.60     | 22.66  | 22.57   | 22.36     | 22.36  | 22.25   | 25.49   | 25.52  | 25.42   | 24.48 | 0.2805 |
| 30                                                              | 1         | 76     |         | 22.66     | 22.55  | 22.54   | 22.18     | 22.12  | 22.09   | 25.44   | 25.35  | 25.33   |       |        |
| 30                                                              | 39        | 19     |         | 22.48     | 22.39  | 22.47   | 22.22     | 22.28  | 22.18   | 25.36   | 25.35  | 25.34   |       |        |
| 30                                                              | 1         | 0      |         | 20.72     | 20.72  | 20.61   | 20.46     | 20.43  | 20.31   | 23.60   | 23.59  | 23.47   |       |        |
| 30                                                              | 1         | 77     |         | 20.59     | 20.44  | 20.45   | 20.23     | 20.19  | 20.17   | 23.42   | 23.33  | 23.32   |       |        |
| 30                                                              | 78        | 0      |         | 21.02     | 20.94  | 20.99   | 20.82     | 20.79  | 20.75   | 23.93   | 23.88  | 23.88   |       |        |
| 30                                                              | 1         | 1      | 16-QAM  | 21.94     | 21.90  | 21.91   | 21.75     | 21.79  | 21.64   | 24.86   | 24.86  | 24.79   | 23.82 | 0.2410 |
| 30                                                              | 1         | 1      | 64-QAM  | 20.56     | 20.58  | 20.54   | 20.47     | 20.42  | 20.31   | 23.53   | 23.51  | 23.44   |       |        |
| 30                                                              | 1         | 1      | 256-QAM | 17.67     | 17.66  | 17.65   | 17.58     | 17.54  | 17.47   | 20.64   | 20.61  | 20.57   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 40                                                              | 1         | 1      | QPSK    | 22.54     | 22.70  | 22.53   | 22.46     | 22.44  | 22.26   | 25.51   | 25.58  | 25.41   | 24.54 | 0.2844 |
| 40                                                              | 1         | 104    |         | 22.54     | 22.45  | 22.37   | 22.31     | 22.09  | 22.03   | 25.44   | 25.28  | 25.21   |       |        |
| 40                                                              | 53        | 26     |         | 22.49     | 22.45  | 22.39   | 22.31     | 22.26  | 22.21   | 25.41   | 25.37  | 25.31   |       |        |
| 40                                                              | 1         | 0      |         | 20.68     | 20.75  | 20.58   | 20.57     | 20.50  | 20.42   | 23.64   | 23.64  | 23.51   |       |        |
| 40                                                              | 1         | 105    |         | 20.51     | 20.67  | 20.40   | 20.41     | 20.24  | 20.25   | 23.47   | 23.47  | 23.34   |       |        |
| 40                                                              | 106       | 0      |         | 21.09     | 20.98  | 20.96   | 20.80     | 20.84  | 20.66   | 23.96   | 23.92  | 23.82   |       |        |
| 40                                                              | 1         | 1      | 16-QAM  | 22.07     | 22.08  | 21.89   | 21.86     | 21.79  | 21.66   | 24.98   | 24.95  | 24.79   | 23.94 | 0.2477 |
| 40                                                              | 1         | 1      | 64-QAM  | 20.72     | 20.65  | 20.57   | 20.58     | 20.44  | 20.22   | 23.66   | 23.56  | 23.41   |       |        |
| 40                                                              | 1         | 1      | 256-QAM | 17.72     | 17.77  | 17.68   | 17.60     | 17.52  | 17.39   | 20.67   | 20.66  | 20.55   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 50                                                              | 1         | 1      | QPSK    | 22.38     | 22.52  | 22.33   | 22.22     | 21.95  | 22.00   | 25.31   | 25.25  | 25.18   | 24.27 | 0.2673 |
| 50                                                              | 1         | 131    |         | 22.05     | 22.06  | 21.99   | 21.93     | 21.70  | 21.61   | 25.00   | 24.89  | 24.81   |       |        |
| 50                                                              | 67        | 33     |         | 22.27     | 22.23  | 22.12   | 21.94     | 22.01  | 21.93   | 25.12   | 25.13  | 25.04   |       |        |
| 50                                                              | 1         | 0      |         | 20.40     | 20.45  | 20.25   | 20.25     | 20.04  | 20.08   | 23.34   | 23.26  | 23.18   |       |        |
| 50                                                              | 1         | 132    |         | 19.99     | 19.98  | 19.92   | 19.90     | 19.74  | 19.75   | 22.96   | 22.87  | 22.85   |       |        |
| 50                                                              | 133       | 0      |         | 20.78     | 20.77  | 20.66   | 20.50     | 20.48  | 20.39   | 23.65   | 23.64  | 23.54   |       |        |
| 50                                                              | 1         | 1      | 16-QAM  | 21.77     | 21.81  | 21.58   | 21.60     | 21.48  | 21.50   | 24.70   | 24.66  | 24.55   | 23.66 | 0.2323 |
| 50                                                              | 1         | 1      | 64-QAM  | 20.27     | 20.48  | 20.39   | 20.35     | 19.99  | 20.23   | 23.32   | 23.25  | 23.32   |       |        |
| 50                                                              | 1         | 1      | 256-QAM | 17.34     | 17.46  | 17.24   | 17.42     | 17.19  | 17.17   | 20.39   | 20.34  | 20.22   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 60                                                              | 1         | 1      | QPSK    | 22.41     | 22.34  | 22.32   | 22.31     | 22.12  | 22.02   | 25.37   | 25.24  | 25.18   | 24.33 | 0.2710 |
| 60                                                              | 1         | 160    |         | 21.89     | 22.00  | 22.15   | 21.93     | 21.93  | 21.81   | 24.92   | 24.98  | 24.99   |       |        |
| 60                                                              | 81        | 40     |         | 22.37     | 22.31  | 22.25   | 22.07     | 22.04  | 21.96   | 25.23   | 25.19  | 25.12   |       |        |
| 60                                                              | 1         | 0      |         | 20.37     | 20.41  | 20.29   | 20.14     | 20.12  | 20.08   | 23.27   | 23.28  | 23.20   |       |        |
| 60                                                              | 1         | 161    |         | 20.00     | 19.99  | 19.87   | 19.79     | 19.65  | 19.68   | 22.91   | 22.83  | 22.79   |       |        |
| 60                                                              | 162       | 0      |         | 20.81     | 20.85  | 20.78   | 20.55     | 20.47  | 20.48   | 23.69   | 23.67  | 23.64   |       |        |
| 60                                                              | 1         | 1      | 16-QAM  | 21.71     | 21.81  | 21.67   | 21.61     | 21.53  | 21.58   | 24.67   | 24.68  | 24.64   | 23.64 | 0.2312 |
| 60                                                              | 1         | 1      | 64-QAM  | 20.36     | 20.52  | 20.43   | 20.23     | 20.10  | 20.06   | 23.31   | 23.33  | 23.26   |       |        |
| 60                                                              | 1         | 1      | 256-QAM | 17.23     | 17.37  | 17.38   | 17.38     | 17.16  | 17.14   | 20.32   | 20.28  | 20.27   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 70                                                              | 1         | 1      | QPSK    | 22.27     | 22.35  | 22.24   | 22.12     | 22.03  | 22.16   | 25.21   | 25.20  | 25.21   | 24.17 | 0.2612 |
| 70                                                              | 1         | 187    |         | 21.99     | 21.95  | 21.78   | 21.77     | 21.60  | 21.65   | 24.89   | 24.79  | 24.73   |       |        |
| 70                                                              | 95        | 47     |         | 22.22     | 22.21  | 22.23   | 22.02     | 22.03  | 22.00   | 25.13   | 25.13  | 25.13   |       |        |
| 70                                                              | 1         | 0      |         | 20.32     | 20.28  | 20.33   | 20.17     | 20.05  | 20.20   | 23.26   | 23.18  | 23.28   |       |        |
| 70                                                              | 1         | 188    |         | 20.00     | 19.92  | 19.81   | 19.61     | 19.57  | 19.58   | 22.82   | 22.76  | 22.71   |       |        |
| 70                                                              | 189       | 0      |         | 20.80     | 20.72  | 20.72   | 20.50     | 20.58  | 20.58   | 23.66   | 23.66  | 23.66   |       |        |
| 70                                                              | 1         | 1      | 16-QAM  | 21.70     | 21.93  | 21.60   | 21.44     | 21.50  | 21.72   | 24.58   | 24.73  | 24.67   | 23.69 | 0.2339 |
| 70                                                              | 1         | 1      | 64-QAM  | 20.30     | 20.76  | 20.48   | 20.32     | 20.12  | 20.20   | 23.32   | 23.46  | 23.35   |       |        |
| 70                                                              | 1         | 1      | 256-QAM | 17.55     | 17.53  | 17.51   | 17.12     | 16.98  | 17.18   | 20.35   | 20.27  | 20.36   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 80                                                              | 1         | 1      | QPSK    | 22.46     | 22.37  | 22.36   | 22.16     | 21.95  | 21.96   | 25.32   | 25.18  | 25.17   | 24.28 | 0.2679 |
| 80                                                              | 1         | 215    |         | 22.00     | 21.81  | 21.94   | 21.60     | 21.67  | 21.56   | 24.81   | 24.75  | 24.76   |       |        |
| 80                                                              | 109       | 54     |         | 22.27     | 22.36  | 22.25   | 22.05     | 22.07  | 22.03   | 25.17   | 25.23  | 25.15   |       |        |
| 80                                                              | 1         | 0      |         | 20.42     | 20.35  | 20.30   | 20.12     | 19.97  | 20.08   | 23.28   | 23.17  | 23.20   |       |        |
| 80                                                              | 1         | 216    |         | 20.04     | 20.00  | 19.95   | 19.62     | 19.62  | 19.58   | 22.85   | 22.82  | 22.78   |       |        |
| 80                                                              | 217       | 0      |         | 20.81     | 20.79  | 20.76   | 20.58     | 20.51  | 20.53   | 23.71   | 23.66  | 23.66   |       |        |
| 80                                                              | 1         | 1      | 16-QAM  | 21.87     | 21.90  | 21.85   | 21.33     | 21.39  | 21.39   | 24.62   | 24.66  | 24.64   | 23.62 | 0.2301 |
| 80                                                              | 1         | 1      | 64-QAM  | 20.49     | 20.40  | 20.33   | 20.10     | 20.11  | 20.16   | 23.31   | 23.27  | 23.26   |       |        |
| 80                                                              | 1         | 1      | 256-QAM | 17.50     | 17.51  | 17.32   | 17.34     | 17.18  | 17.25   | 20.43   | 20.36  | 20.30   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 90                                                              | 1         | 1      | QPSK    | 22.54     | 22.35  | 22.53   | 22.13     | 22.09  | 22.11   | 25.35   | 25.23  | 25.34   | 24.31 | 0.2698 |
| 90                                                              | 1         | 243    |         | 21.90     | 22.02  | 21.90   | 21.82     | 21.77  | 21.75   | 24.87   | 24.91  | 24.84   |       |        |
| 90                                                              | 123       | 61     |         | 22.25     | 22.28  | 22.27   | 22.10     | 22.07  | 22.15   | 25.19   | 25.19  | 25.22   |       |        |
| 90                                                              | 1         | 0      |         | 20.36     | 20.27  | 20.40   | 20.19     | 20.13  | 20.17   | 23.29   | 23.21  | 23.30   |       |        |
| 90                                                              | 1         | 244    |         | 19.85     | 19.99  | 20.05   | 19.71     | 19.75  | 19.70   | 22.79   | 22.88  | 22.89   |       |        |
| 90                                                              | 245       | 0      |         | 20.77     | 20.78  | 20.78   | 20.48     | 20.58  | 20.56   | 23.64   | 23.69  | 23.68   |       |        |
| 90                                                              | 1         | 1      | 16-QAM  | 21.59     | 21.61  | 21.76   | 21.82     | 21.45  | 21.48   | 24.72   | 24.54  | 24.63   | 23.68 | 0.2333 |
| 90                                                              | 1         | 1      | 64-QAM  | 20.32     | 20.46  | 20.50   | 20.23     | 20.28  | 20.15   | 23.29   | 23.38  | 23.34   |       |        |
| 90                                                              | 1         | 1      | 256-QAM | 17.47     | 17.55  | 17.45   | 17.32     | 17.15  | 17.26   | 20.41   | 20.36  | 20.37   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 100                                                             | 1         | 1      | QPSK    | -         | 22.49  | -       | -         | 22.07  | -       | -       | 25.30  | -       | 24.26 | 0.2667 |
| 100                                                             | 1         | 271    |         | -         | 22.11  | -       | -         | 21.71  | -       | -       | 24.92  | -       |       |        |
| 100                                                             | 137       | 68     |         | -         | 22.32  | -       | -         | 22.07  | -       | -       | 25.21  | -       |       |        |
| 100                                                             | 1         | 0      |         | -         | 20.54  | -       | -         | 20.40  | -       | -       | 23.48  | -       |       |        |
| 100                                                             | 1         | 272    |         | -         | 20.02  | -       | -         | 19.77  | -       | -       | 22.91  | -       |       |        |
| 100                                                             | 273       | 0      |         | -         | 20.84  | -       | -         | 20.54  | -       | -       | 23.70  | -       |       |        |
| 100                                                             | 1         | 1      | 16-QAM  | -         | 21.92  | -       | -         | 21.82  | -       | -       | 24.88  | -       | 23.84 | 0.2421 |
| 100                                                             | 1         | 1      | 64-QAM  | -         | 20.65  | -       | -         | 20.14  | -       | -       | 23.41  | -       |       |        |
| 100                                                             | 1         | 1      | 256-QAM | -         | 17.44  | -       | -         | 17.14  | -       | -       | 20.30  | -       |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 10                                                              | 1         | 1      | QPSK    | 22.10     | 22.07  | 22.19   | 21.84     | 22.01  | 21.95   | 24.98   | 25.05  | 25.08   | 24.04 | 0.2535 |
| 10                                                              | 1         | 22     |         | 21.91     | 22.06  | 22.17   | 21.91     | 21.95  | 21.88   | 24.92   | 25.02  | 25.04   |       |        |
| 10                                                              | 12        | 6      |         | 21.93     | 22.13  | 22.12   | 21.94     | 21.94  | 22.00   | 24.95   | 25.05  | 25.07   |       |        |
| 10                                                              | 1         | 0      |         | 19.97     | 19.98  | 20.22   | 19.91     | 19.86  | 19.93   | 22.95   | 22.93  | 23.09   |       |        |
| 10                                                              | 1         | 23     |         | 19.89     | 20.09  | 20.18   | 19.81     | 19.79  | 20.01   | 22.86   | 22.95  | 23.11   |       |        |
| 10                                                              | 24        | 0      |         | 20.58     | 20.52  | 20.74   | 20.41     | 20.46  | 20.54   | 23.51   | 23.50  | 23.65   |       |        |
| 10                                                              | 1         | 1      | 16-QAM  | 21.36     | 21.63  | 21.55   | 21.49     | 21.45  | 21.31   | 24.44   | 24.55  | 24.44   | 23.51 | 0.2244 |
| 10                                                              | 1         | 1      | 64-QAM  | 20.08     | 20.09  | 20.27   | 20.04     | 20.00  | 20.04   | 23.07   | 23.06  | 23.17   |       |        |
| 10                                                              | 1         | 1      | 256-QAM | 17.10     | 17.07  | 17.21   | 17.14     | 17.11  | 17.08   | 20.13   | 20.10  | 20.16   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 15                                                              | 1         | 1      | QPSK    | 22.11     | 22.12  | 22.21   | 21.93     | 22.01  | 22.01   | 25.03   | 25.08  | 25.12   | 24.20 | 0.2630 |
| 15                                                              | 1         | 36     |         | 22.12     | 22.25  | 22.20   | 22.05     | 21.90  | 21.97   | 25.10   | 25.09  | 25.10   |       |        |
| 15                                                              | 19        | 9      |         | 22.14     | 22.20  | 22.35   | 22.07     | 22.09  | 22.11   | 25.12   | 25.16  | 25.24   |       |        |
| 15                                                              | 1         | 0      |         | 20.06     | 20.08  | 20.21   | 19.98     | 19.93  | 19.90   | 23.03   | 23.02  | 23.07   |       |        |
| 15                                                              | 1         | 37     |         | 20.16     | 20.11  | 20.19   | 19.95     | 20.04  | 20.01   | 23.07   | 23.09  | 23.11   |       |        |
| 15                                                              | 38        | 0      |         | 20.67     | 20.69  | 20.79   | 20.53     | 20.55  | 20.55   | 23.61   | 23.63  | 23.68   |       |        |
| 15                                                              | 1         | 1      | 16-QAM  | 21.38     | 21.36  | 21.59   | 21.57     | 21.42  | 21.47   | 24.49   | 24.40  | 24.54   | 23.50 | 0.2239 |
| 15                                                              | 1         | 1      | 64-QAM  | 20.17     | 20.21  | 20.31   | 20.21     | 20.08  | 19.99   | 23.20   | 23.16  | 23.16   |       |        |
| 15                                                              | 1         | 1      | 256-QAM | 17.11     | 17.13  | 17.18   | 17.21     | 17.20  | 16.99   | 20.17   | 20.18  | 20.10   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 20                                                              | 1         | 1      | QPSK    | 22.05     | 22.11  | 22.27   | 22.12     | 21.92  | 22.05   | 25.10   | 25.03  | 25.17   | 24.17 | 0.2612 |
| 20                                                              | 1         | 49     |         | 22.01     | 22.20  | 22.20   | 22.02     | 21.84  | 21.96   | 25.03   | 25.03  | 25.09   |       |        |
| 20                                                              | 25        | 12     |         | 22.16     | 22.22  | 22.29   | 22.05     | 22.05  | 22.10   | 25.12   | 25.15  | 25.21   |       |        |
| 20                                                              | 1         | 0      |         | 19.99     | 20.12  | 20.09   | 20.00     | 19.95  | 19.91   | 23.01   | 23.05  | 23.01   |       |        |
| 20                                                              | 1         | 50     |         | 20.00     | 20.14  | 20.06   | 19.90     | 19.79  | 19.95   | 22.96   | 22.98  | 23.02   |       |        |
| 20                                                              | 51        | 0      |         | 20.61     | 20.70  | 20.74   | 20.54     | 20.52  | 20.61   | 23.59   | 23.62  | 23.69   |       |        |
| 20                                                              | 1         | 1      | 16-QAM  | 21.42     | 21.45  | 21.58   | 21.47     | 21.38  | 21.33   | 24.46   | 24.43  | 24.47   | 23.43 | 0.2203 |
| 20                                                              | 1         | 1      | 64-QAM  | 20.09     | 20.21  | 20.26   | 20.15     | 19.95  | 19.95   | 23.13   | 23.09  | 23.12   |       |        |
| 20                                                              | 1         | 1      | 256-QAM | 17.19     | 17.15  | 17.25   | 17.13     | 17.15  | 17.16   | 20.17   | 20.16  | 20.22   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 30                                                              | 1         | 1      | QPSK    | 22.18     | 22.27  | 22.25   | 22.19     | 22.14  | 22.07   | 25.20   | 25.22  | 25.17   | 24.21 | 0.2636 |
| 30                                                              | 1         | 76     |         | 22.19     | 22.29  | 22.16   | 21.87     | 21.93  | 22.32   | 25.04   | 25.12  | 25.25   |       |        |
| 30                                                              | 39        | 19     |         | 22.14     | 22.22  | 22.28   | 21.99     | 22.04  | 22.15   | 25.08   | 25.14  | 25.23   |       |        |
| 30                                                              | 1         | 0      |         | 20.07     | 20.15  | 20.27   | 20.19     | 20.09  | 20.02   | 23.14   | 23.13  | 23.16   |       |        |
| 30                                                              | 1         | 77     |         | 20.12     | 20.12  | 20.11   | 19.98     | 19.82  | 19.96   | 23.06   | 22.98  | 23.05   |       |        |
| 30                                                              | 78        | 0      |         | 20.59     | 20.66  | 20.83   | 20.56     | 20.63  | 20.63   | 23.59   | 23.66  | 23.74   |       |        |
| 30                                                              | 1         | 1      | 16-QAM  | 21.54     | 21.68  | 21.73   | 21.62     | 21.64  | 21.36   | 24.59   | 24.67  | 24.56   | 23.63 | 0.2307 |
| 30                                                              | 1         | 1      | 64-QAM  | 20.22     | 20.26  | 20.30   | 20.17     | 20.16  | 19.84   | 23.21   | 23.22  | 23.09   |       |        |
| 30                                                              | 1         | 1      | 256-QAM | 17.22     | 17.36  | 17.38   | 17.33     | 17.19  | 17.19   | 20.29   | 20.29  | 20.30   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 40                                                              | 1         | 1      | QPSK    | 22.23     | 22.21  | 22.27   | 22.39     | 22.38  | 22.07   | 25.32   | 25.31  | 25.18   | 24.28 | 0.2679 |
| 40                                                              | 1         | 104    |         | 22.15     | 22.23  | 22.17   | 22.16     | 22.11  | 22.05   | 25.17   | 25.18  | 25.12   |       |        |
| 40                                                              | 53        | 26     |         | 22.22     | 22.19  | 22.26   | 21.97     | 22.05  | 21.99   | 25.11   | 25.13  | 25.14   |       |        |
| 40                                                              | 1         | 0      |         | 20.32     | 20.41  | 20.36   | 20.16     | 20.09  | 20.02   | 23.25   | 23.26  | 23.20   |       |        |
| 40                                                              | 1         | 105    |         | 20.22     | 20.25  | 20.17   | 20.03     | 19.86  | 20.03   | 23.14   | 23.07  | 23.11   |       |        |
| 40                                                              | 106       | 0      |         | 20.68     | 20.69  | 20.81   | 20.63     | 20.57  | 20.59   | 23.67   | 23.64  | 23.71   |       |        |
| 40                                                              | 1         | 1      | 16-QAM  | 21.57     | 21.75  | 21.73   | 21.57     | 21.81  | 21.48   | 24.58   | 24.79  | 24.62   | 23.75 | 0.2371 |
| 40                                                              | 1         | 1      | 64-QAM  | 20.27     | 20.43  | 20.38   | 20.34     | 20.23  | 20.20   | 23.32   | 23.34  | 23.30   |       |        |
| 40                                                              | 1         | 1      | 256-QAM | 17.22     | 17.30  | 17.22   | 17.33     | 17.30  | 17.17   | 20.29   | 20.31  | 20.21   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 50                                                              | 1         | 1      | QPSK    | 21.98     | 22.06  | 21.94   | 21.98     | 21.78  | 21.77   | 24.99   | 24.93  | 24.87   | 23.95 | 0.2483 |
| 50                                                              | 1         | 131    |         | 21.83     | 21.94  | 21.90   | 21.68     | 21.64  | 21.68   | 24.77   | 24.80  | 24.80   |       |        |
| 50                                                              | 67        | 33     |         | 21.96     | 22.05  | 22.05   | 21.80     | 21.84  | 21.82   | 24.89   | 24.96  | 24.95   |       |        |
| 50                                                              | 1         | 0      |         | 19.94     | 20.09  | 20.00   | 19.90     | 19.71  | 19.72   | 22.93   | 22.91  | 22.87   |       |        |
| 50                                                              | 1         | 132    |         | 19.79     | 19.84  | 19.89   | 19.67     | 19.64  | 19.67   | 22.74   | 22.75  | 22.79   |       |        |
| 50                                                              | 133       | 0      |         | 20.40     | 20.54  | 20.52   | 20.38     | 20.34  | 20.36   | 23.40   | 23.45  | 23.45   |       |        |
| 50                                                              | 1         | 1      | 16-QAM  | 21.30     | 21.34  | 21.32   | 21.29     | 21.18  | 21.33   | 24.31   | 24.27  | 24.34   | 23.30 | 0.2138 |
| 50                                                              | 1         | 1      | 64-QAM  | 19.97     | 20.08  | 20.02   | 19.91     | 19.80  | 19.77   | 22.95   | 22.95  | 22.91   |       |        |
| 50                                                              | 1         | 1      | 256-QAM | 16.99     | 17.07  | 16.99   | 16.83     | 16.88  | 16.95   | 19.92   | 19.99  | 19.98   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 60                                                              | 1         | 1      | QPSK    | 21.96     | 22.02  | 21.92   | 21.91     | 21.82  | 22.00   | 24.95   | 24.93  | 24.97   | 23.94 | 0.2477 |
| 60                                                              | 1         | 160    |         | 21.92     | 21.90  | 21.79   | 21.59     | 21.59  | 21.77   | 24.77   | 24.76  | 24.79   |       |        |
| 60                                                              | 81        | 40     |         | 21.99     | 21.94  | 22.01   | 21.89     | 21.83  | 21.93   | 24.95   | 24.90  | 24.98   |       |        |
| 60                                                              | 1         | 0      |         | 20.05     | 20.10  | 19.96   | 19.87     | 19.80  | 19.97   | 22.97   | 22.96  | 22.98   |       |        |
| 60                                                              | 1         | 161    |         | 19.74     | 19.91  | 19.77   | 19.51     | 19.57  | 19.71   | 22.64   | 22.75  | 22.75   |       |        |
| 60                                                              | 162       | 0      |         | 20.54     | 20.58  | 20.53   | 20.33     | 20.27  | 20.47   | 23.45   | 23.44  | 23.51   |       |        |
| 60                                                              | 1         | 1      | 16-QAM  | 21.37     | 21.28  | 21.41   | 21.29     | 21.22  | 21.28   | 24.34   | 24.26  | 24.36   | 23.32 | 0.2148 |
| 60                                                              | 1         | 1      | 64-QAM  | 19.99     | 20.08  | 19.97   | 19.97     | 19.91  | 20.03   | 22.99   | 23.01  | 23.01   |       |        |
| 60                                                              | 1         | 1      | 256-QAM | 16.99     | 17.06  | 14.73   | 17.06     | 16.93  | 14.59   | 20.04   | 20.01  | 17.67   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 70                                                              | 1         | 1      | QPSK    | 21.88     | 21.78  | 21.84   | 22.14     | 21.89  | 21.83   | 25.02   | 24.85  | 24.85   | 23.98 | 0.2500 |
| 70                                                              | 1         | 187    |         | 21.74     | 21.96  | 21.87   | 21.77     | 21.73  | 21.95   | 24.77   | 24.86  | 24.92   |       |        |
| 70                                                              | 95        | 47     |         | 21.76     | 21.69  | 21.95   | 21.70     | 21.81  | 21.90   | 24.74   | 24.76  | 24.94   |       |        |
| 70                                                              | 1         | 0      |         | 19.83     | 19.79  | 19.75   | 20.01     | 19.94  | 19.74   | 22.93   | 22.88  | 22.76   |       |        |
| 70                                                              | 1         | 188    |         | 19.63     | 19.93  | 19.89   | 19.77     | 19.78  | 19.99   | 22.71   | 22.87  | 22.95   |       |        |
| 70                                                              | 189       | 0      |         | 20.27     | 20.34  | 20.50   | 20.25     | 20.30  | 20.32   | 23.27   | 23.33  | 23.42   |       |        |
| 70                                                              | 1         | 1      | 16-QAM  | 21.48     | 21.48  | 21.25   | 21.52     | 21.35  | 21.35   | 24.51   | 24.43  | 24.31   | 23.47 | 0.2223 |
| 70                                                              | 1         | 1      | 64-QAM  | 19.77     | 19.76  | 19.89   | 20.04     | 19.97  | 19.66   | 22.92   | 22.88  | 22.79   |       |        |
| 70                                                              | 1         | 1      | 256-QAM | 16.73     | 16.93  | 16.66   | 17.13     | 16.82  | 16.94   | 19.94   | 19.89  | 19.81   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 80                                                              | 1         | 1      | QPSK    | 21.84     | 22.12  | 22.23   | 22.06     | 21.93  | 22.11   | 24.96   | 25.04  | 25.18   | 24.14 | 0.2594 |
| 80                                                              | 1         | 215    |         | 21.86     | 21.96  | 21.73   | 21.83     | 21.68  | 21.66   | 24.86   | 24.83  | 24.71   |       |        |
| 80                                                              | 109       | 54     |         | 21.82     | 22.05  | 21.97   | 21.83     | 21.92  | 21.84   | 24.84   | 25.00  | 24.92   |       |        |
| 80                                                              | 1         | 0      |         | 19.70     | 20.06  | 20.18   | 19.91     | 19.86  | 19.96   | 22.82   | 22.97  | 23.08   |       |        |
| 80                                                              | 1         | 216    |         | 19.80     | 19.88  | 19.76   | 19.76     | 19.62  | 19.72   | 22.79   | 22.76  | 22.75   |       |        |
| 80                                                              | 217       | 0      |         | 20.33     | 20.51  | 20.54   | 20.33     | 20.37  | 20.39   | 23.34   | 23.45  | 23.48   |       |        |
| 80                                                              | 1         | 1      | 16-QAM  | 21.23     | 21.49  | 21.61   | 21.42     | 21.28  | 21.38   | 24.34   | 24.40  | 24.51   | 23.47 | 0.2223 |
| 80                                                              | 1         | 1      | 64-QAM  | 19.75     | 20.26  | 20.09   | 19.68     | 19.85  | 19.92   | 22.73   | 23.07  | 23.02   |       |        |
| 80                                                              | 1         | 1      | 256-QAM | 16.58     | 17.11  | 17.21   | 17.03     | 17.02  | 16.96   | 19.82   | 20.08  | 20.10   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |



| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 90                                                              | 1         | 1      | QPSK    | 22.16     | 22.00  | 22.24   | 21.92     | 21.97  | 21.92   | 25.05   | 25.00  | 25.09   | 24.05 | 0.2541 |
| 90                                                              | 1         | 243    |         | 22.08     | 21.83  | 21.83   | 21.57     | 21.59  | 21.68   | 24.84   | 24.72  | 24.77   |       |        |
| 90                                                              | 123       | 61     |         | 22.04     | 22.04  | 22.05   | 21.82     | 21.87  | 21.88   | 24.94   | 24.97  | 24.98   |       |        |
| 90                                                              | 1         | 0      |         | 20.06     | 20.03  | 20.09   | 19.89     | 20.05  | 19.89   | 22.99   | 23.05  | 23.00   |       |        |
| 90                                                              | 1         | 244    |         | 19.85     | 19.93  | 19.79   | 19.62     | 19.78  | 19.63   | 22.75   | 22.87  | 22.72   |       |        |
| 90                                                              | 245       | 0      |         | 20.45     | 20.56  | 20.54   | 20.29     | 20.29  | 20.36   | 23.38   | 23.44  | 23.46   |       |        |
| 90                                                              | 1         | 1      | 16-QAM  | 21.33     | 21.29  | 21.44   | 21.30     | 21.50  | 21.31   | 24.33   | 24.41  | 24.39   | 23.37 | 0.2173 |
| 90                                                              | 1         | 1      | 64-QAM  | 19.99     | 20.05  | 20.10   | 19.90     | 20.05  | 19.94   | 22.96   | 23.06  | 23.03   |       |        |
| 90                                                              | 1         | 1      | 256-QAM | 17.07     | 17.19  | 17.03   | 17.03     | 17.04  | 16.98   | 20.06   | 20.13  | 20.02   |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

| Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -1.04 dBi |           |        |         |           |        |         |           |        |         |         |        |         |       |        |
|-----------------------------------------------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|-------|--------|
| BW                                                              | RB        | RB     | Mod     | Antenna 8 |        |         | Antenna 9 |        |         | Combine |        |         | EIRP  | EIRP   |
| (MHz)                                                           | Size      | Offset |         | Lowest    | Middle | Highest | Lowest    | Middle | Highest | Lowest  | Middle | Highest | (dBm) | (W)    |
| 100                                                             | 1         | 1      | QPSK    | -         | 22.05  | -       | -         | 22.08  | -       | -       | 25.08  | -       | 24.04 | 0.2535 |
| 100                                                             | 1         | 271    |         | -         | 21.89  | -       | -         | 21.82  | -       | -       | 24.87  | -       |       |        |
| 100                                                             | 137       | 68     |         | -         | 22.06  | -       | -         | 21.90  | -       | -       | 24.99  | -       |       |        |
| 100                                                             | 1         | 0      |         | -         | 20.17  | -       | -         | 19.99  | -       | -       | 23.09  | -       |       |        |
| 100                                                             | 1         | 272    |         | -         | 20.05  | -       | -         | 19.72  | -       | -       | 22.90  | -       |       |        |
| 100                                                             | 273       | 0      |         | -         | 20.56  | -       | -         | 20.39  | -       | -       | 23.49  | -       |       |        |
| 100                                                             | 1         | 1      | 16-QAM  | -         | 21.53  | -       | -         | 21.54  | -       | -       | 24.55  | -       | 23.51 | 0.2244 |
| 100                                                             | 1         | 1      | 64-QAM  | -         | 20.23  | -       | -         | 20.08  | -       | -       | 23.17  | -       |       |        |
| 100                                                             | 1         | 1      | 256-QAM | -         | 17.07  | -       | -         | 17.04  | -       | -       | 20.07  | -       |       |        |
| Limit                                                           | EIRP < 1W |        |         | Result    |        |         |           |        |         |         |        |         | Pass  |        |

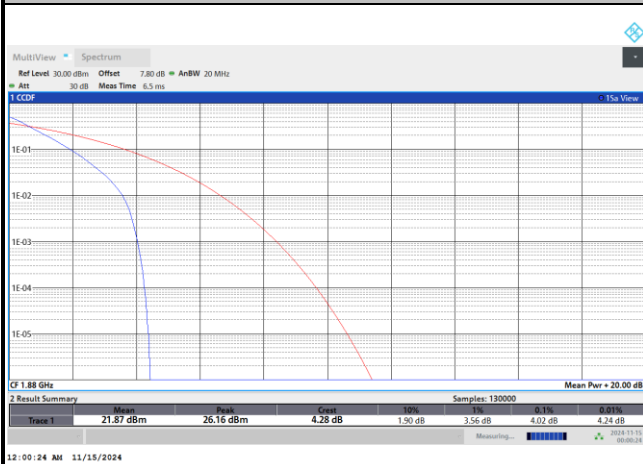
**FR1 n2****Peak-to-Average Ratio**

| Mode      | FR1 n2 / 20MHz / DFT-S OFDM |         |         |         |             |
|-----------|-----------------------------|---------|---------|---------|-------------|
| Mod.      | PI/2 BPSK                   | QPSK    | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB                     | Full RB | Full RB | Full RB | Result      |
| Middle CH | 4.02                        | 4.66    | 5.70    | 6.12    | <b>PASS</b> |
| Mode      | FR1 n2 / 20MHz / DFT-S OFDM |         |         |         |             |
| Mod.      | 256QAM                      |         |         |         | Limit: 13dB |
| RB Size   | Full RB                     |         |         |         | Result      |
| Middle CH | 6.76                        |         |         |         | <b>PASS</b> |

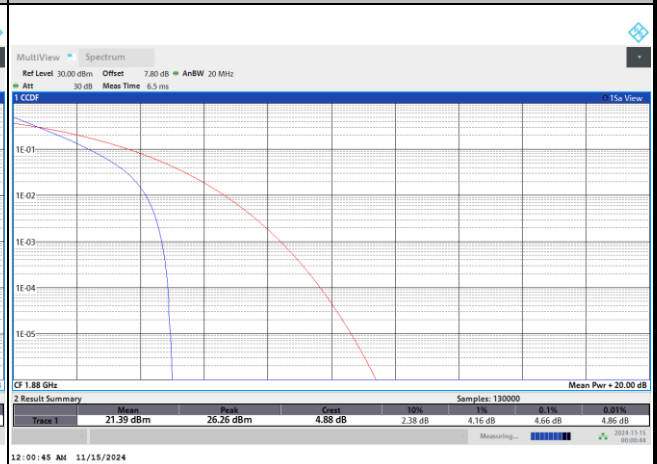


## FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

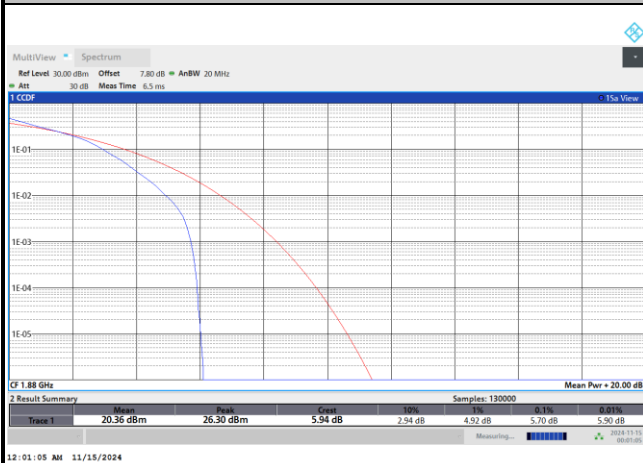
## PI/2 BPSK



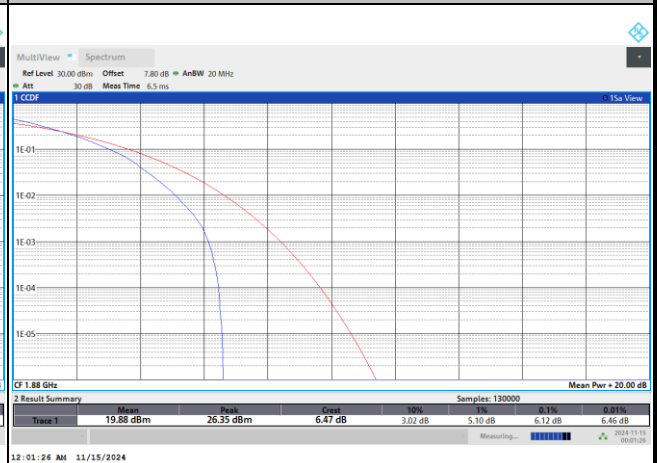
## QPSK



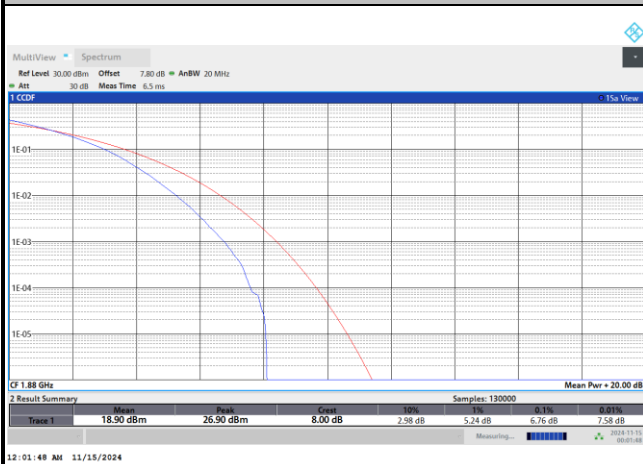
## 16QAM



## 64QAM



## 256QAM



**26dB Bandwidth**

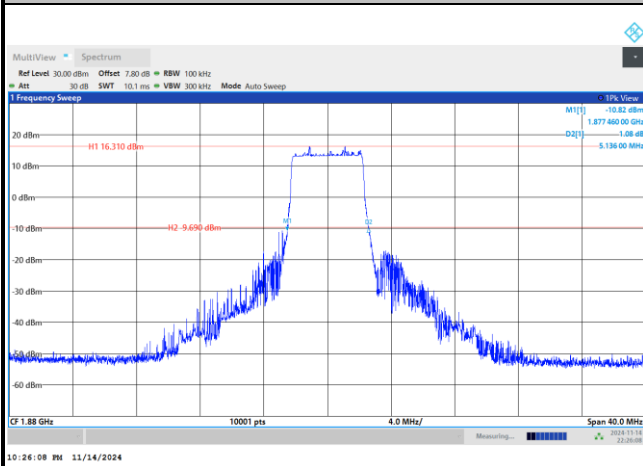
| Mode      | FR1 n2 : 26dB BW(MHz) / DFT-S OFDM |  |           |  |           |  |           |  |
|-----------|------------------------------------|--|-----------|--|-----------|--|-----------|--|
| BW        | 5MHz                               |  | 10MHz     |  | 15MHz     |  | 20MHz     |  |
| Mod.      | PI/2 BPSK                          |  | PI/2 BPSK |  | PI/2 BPSK |  | PI/2 BPSK |  |
| Middle CH | 5.13                               |  | 9.89      |  | 16.46     |  | 21.23     |  |

| Mode      | FR1 n2 : 26dB BW(MHz) / CP OFDM |        |       |        |       |        |       |        |
|-----------|---------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 5MHz                            |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | QPSK                            | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  |
| Middle CH | 5.73                            | 5.47   | 11.68 | 10.48  | 16.31 | 16.94  | 21.86 | 22.64  |
| Mod.      | 64QAM                           | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 5.61                            | 5.28   | 10.18 | 10.43  | 18.01 | 16.41  | 23.07 | 22.98  |



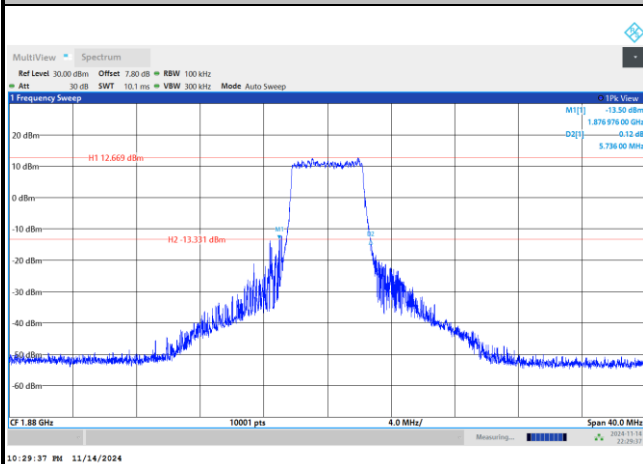
## FR1 n2 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

## PI/2 BPSK

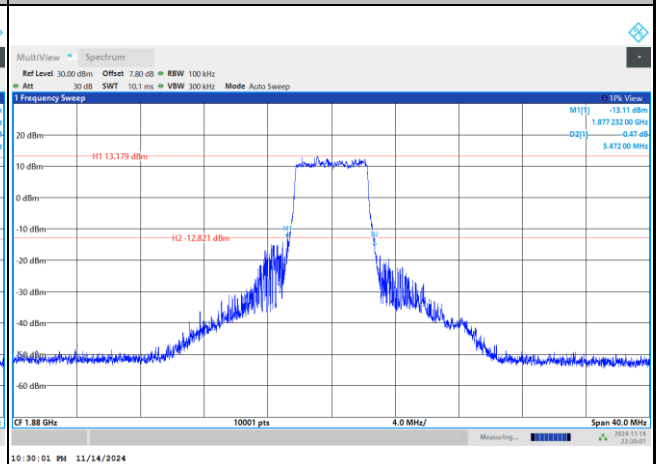


## FR1 n2 / 5MHz / CP OFDM / Middle Channel / Full RB

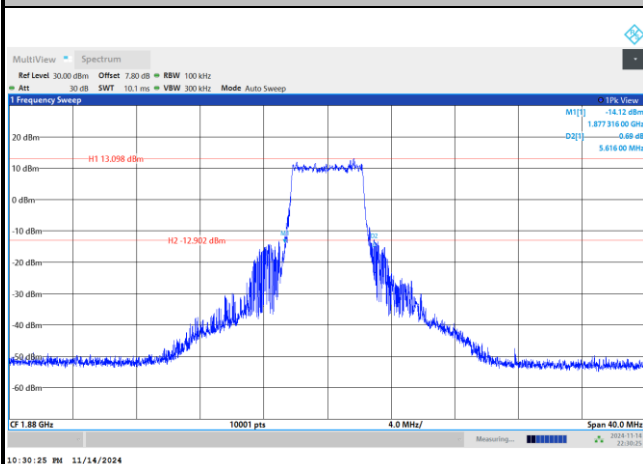
## QPSK



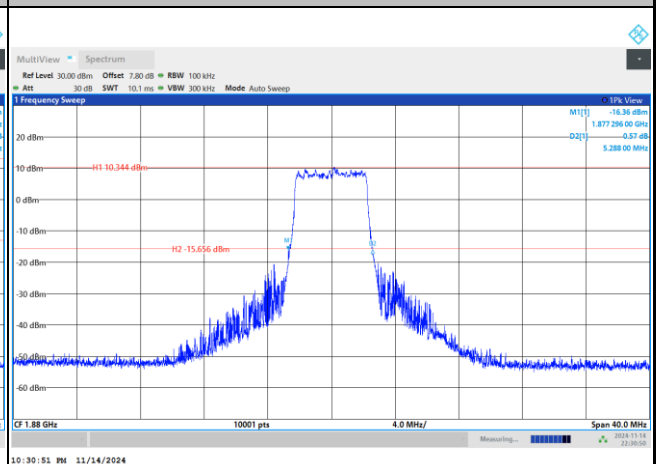
## 16QAM



## 64QAM



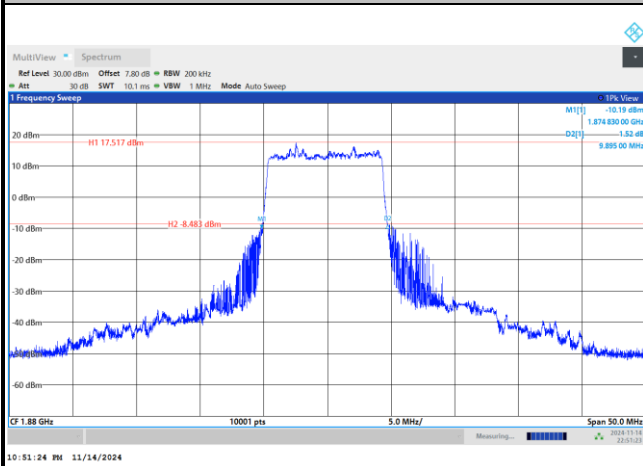
## 256QAM





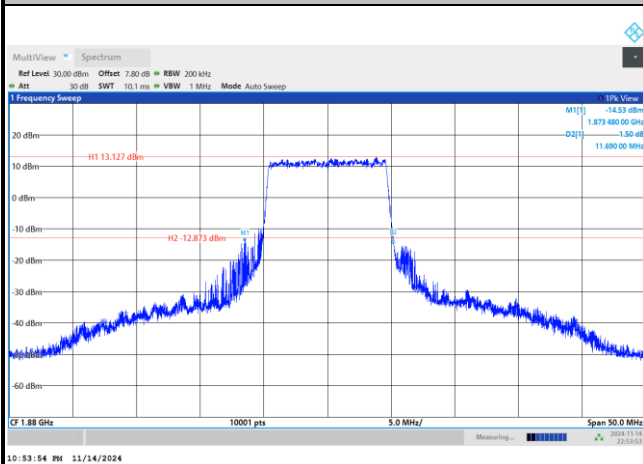
## FR1 n2 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

## PI/2 BPSK

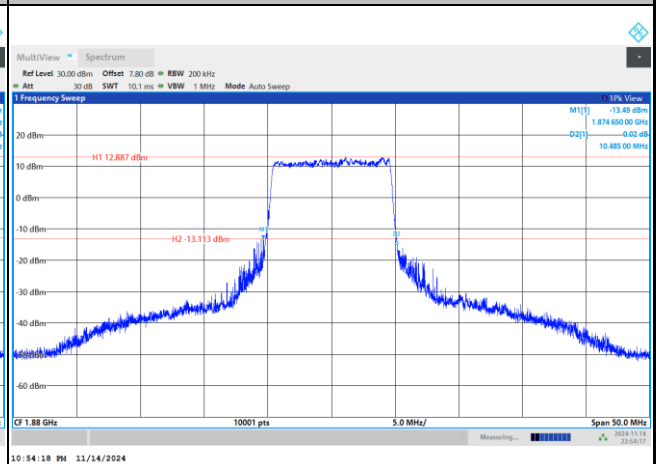


## FR1 n2 / 10MHz / CP OFDM / Middle Channel / Full RB

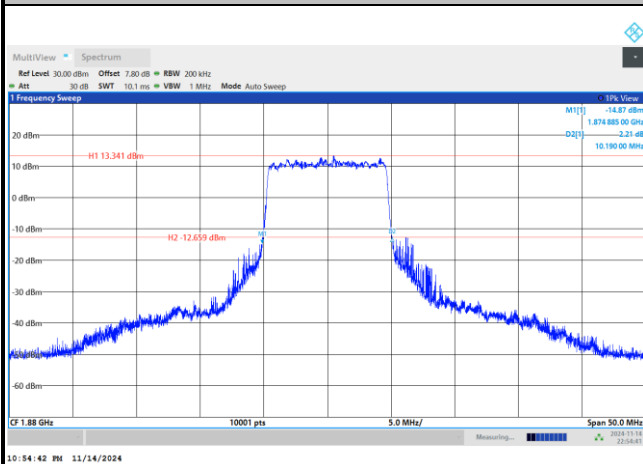
## QPSK



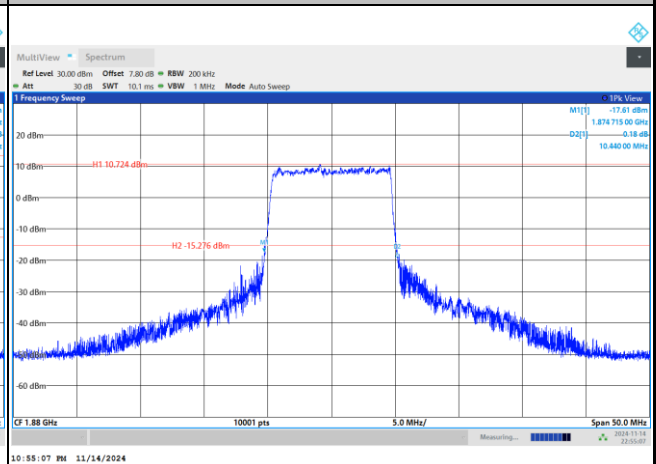
## 16QAM



## 64QAM



## 256QAM





MultiView Spectrum

Ref Level 30.00 dBm Offset 7.80 dB RBW 300 kHz

Att 30 dB SWT 10.1 ms VBW 1 MHz Mode Auto Sweep

1 Frequency Sweep

20 dBm  
10 dBm  
0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm

H1 16.873 dBm

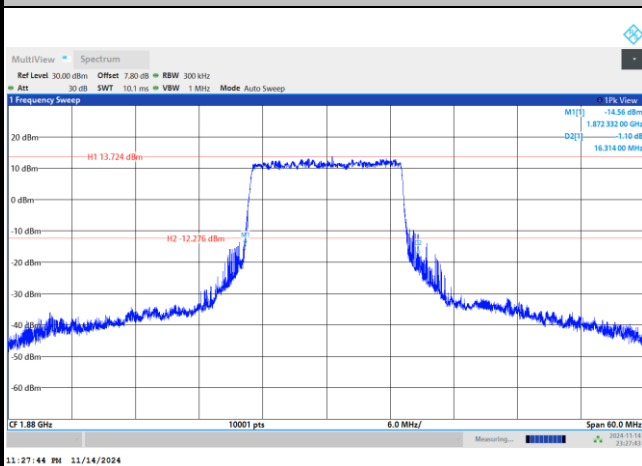
H2 -9.127 dBm

10001 pts 6.0 MHz/

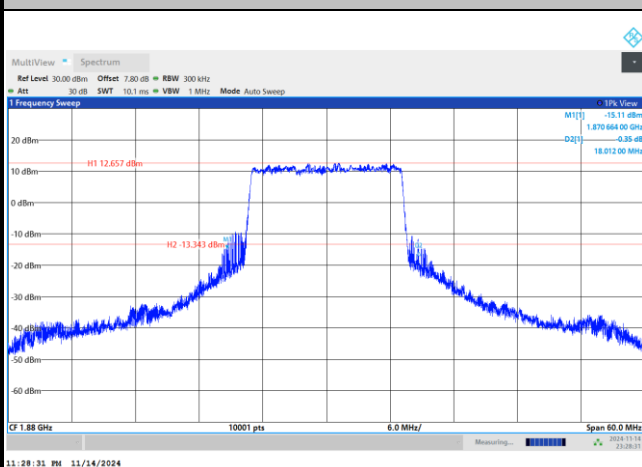
CF: 1.88 GHz Span 60.0 MHz

11:25:14 PM 11/14/2024

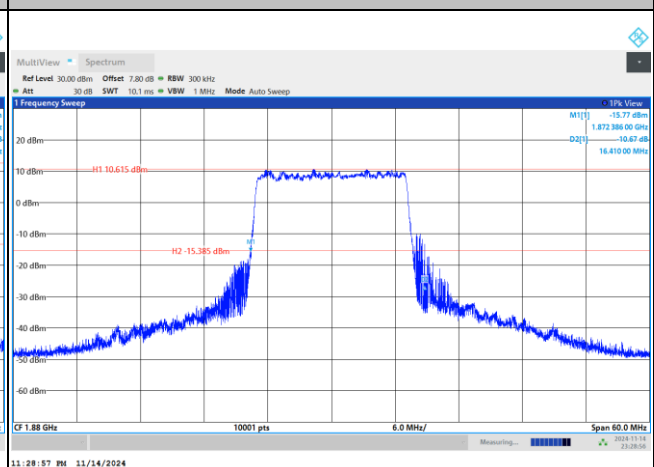
## QPSK

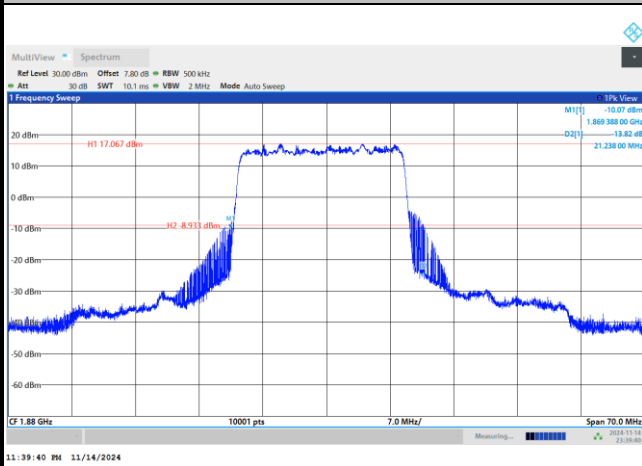
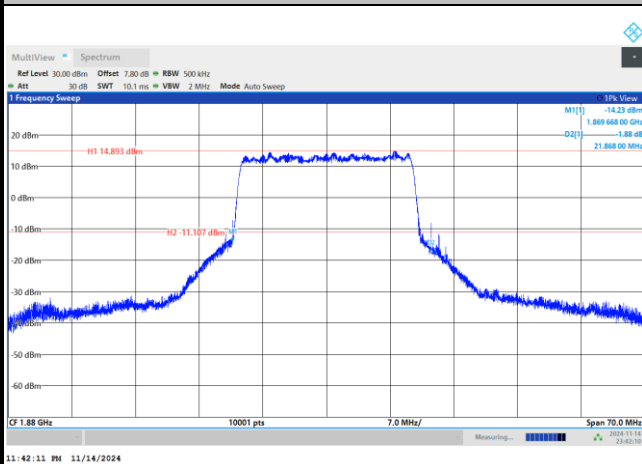
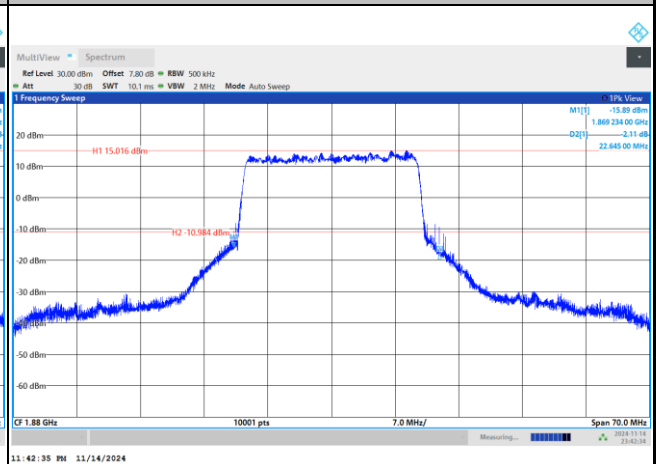
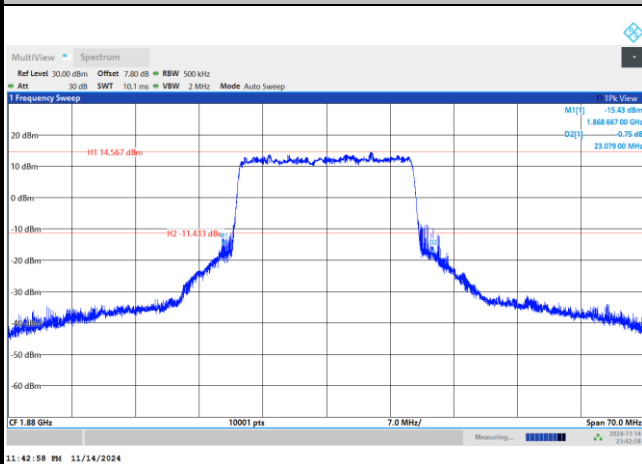
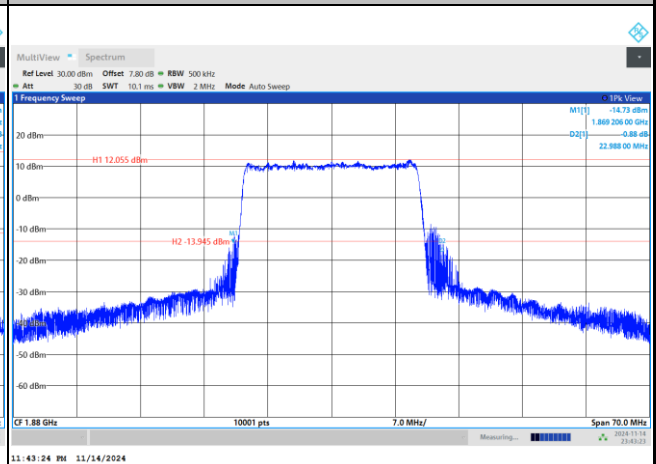
[illegible]

## 64QAM



## 256QAM



**FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB**
**PI/2 BPSK**

**FR1 n2 / 20MHz / CP OFDM / Middle Channel / Full RB**
**QPSK**

**16QAM**

**64QAM**

**256QAM**


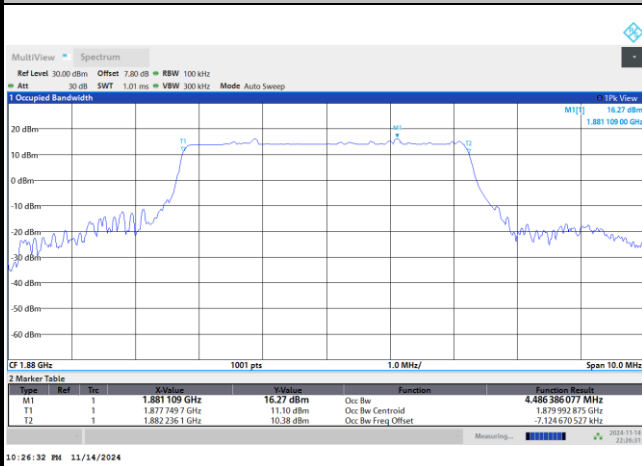
**Occupied Bandwidth**

| Mode      | FR1 n2 : 99%OBW(MHz) / DFT-S OFDM |  |           |  |           |  |           |  |
|-----------|-----------------------------------|--|-----------|--|-----------|--|-----------|--|
| BW        | 5MHz                              |  | 10MHz     |  | 15MHz     |  | 20MHz     |  |
| Mod.      | PI/2 BPSK                         |  | PI/2 BPSK |  | PI/2 BPSK |  | PI/2 BPSK |  |
| Middle CH | 4.48                              |  | 8.99      |  | 13.47     |  | 18.02     |  |

| Mode      | FR1 n2 : 99%OBW (MHz) / CP OFDM |        |       |        |       |        |       |        |
|-----------|---------------------------------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 5MHz                            |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | QPSK                            | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  |
| Middle CH | 4.53                            | 4.55   | 9.33  | 9.34   | 14.15 | 14.18  | 18.98 | 19.07  |
| Mod.      | 64QAM                           | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 4.52                            | 4.51   | 9.31  | 9.36   | 14.21 | 14.14  | 19.06 | 19.15  |

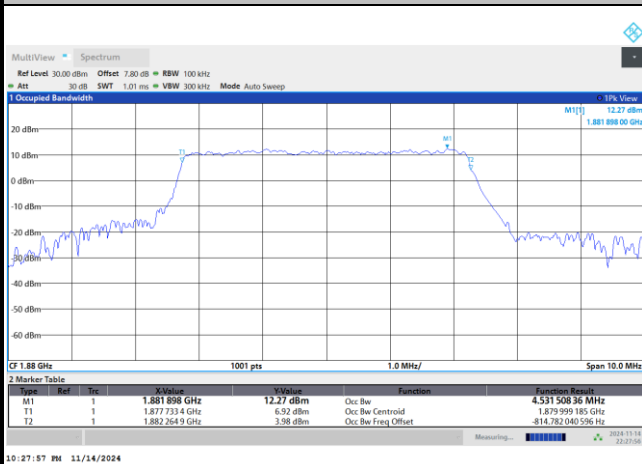
## FR1 n2 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

### PI/2 BPSK

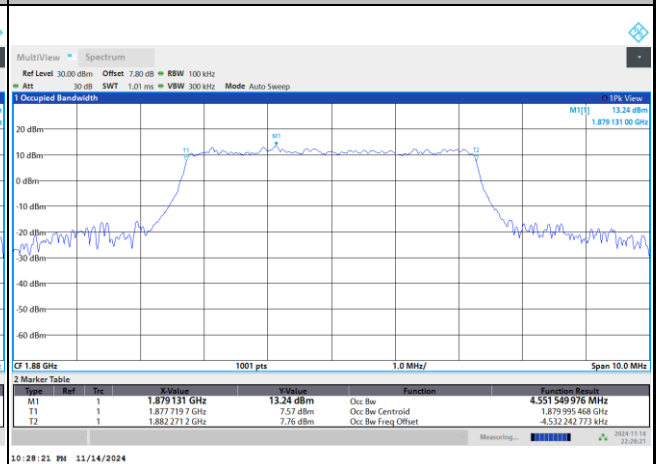


## FR1 n2 / 5MHz / CP OFDM / Middle Channel / Full RB

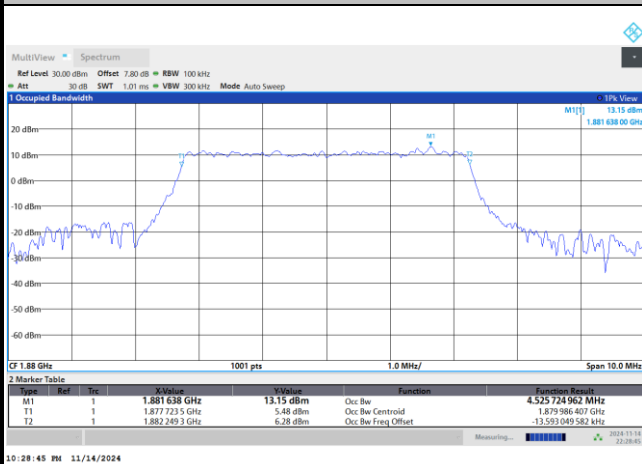
### QPSK



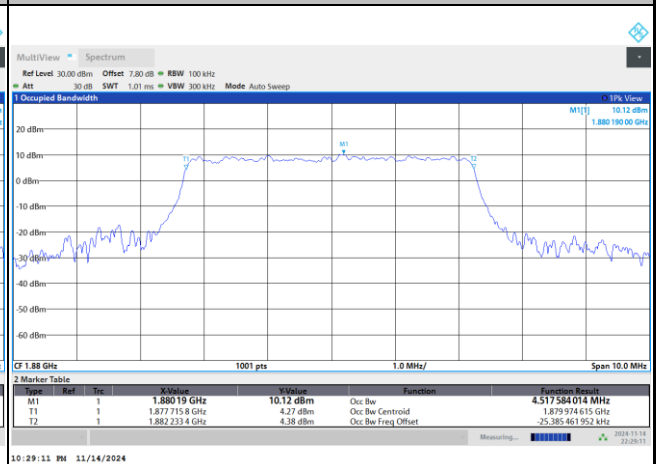
### 16QAM



### 64QAM



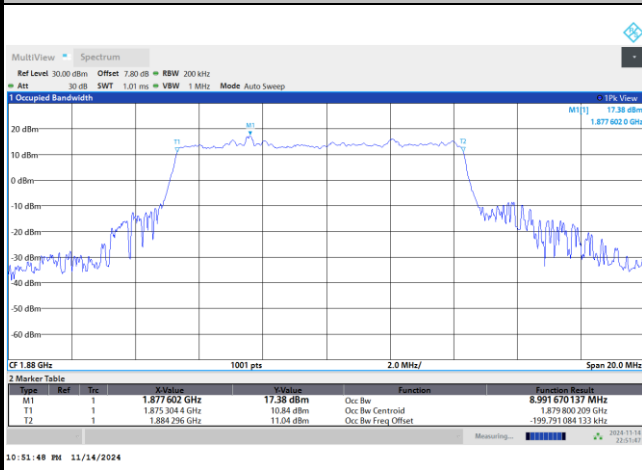
### 256QAM





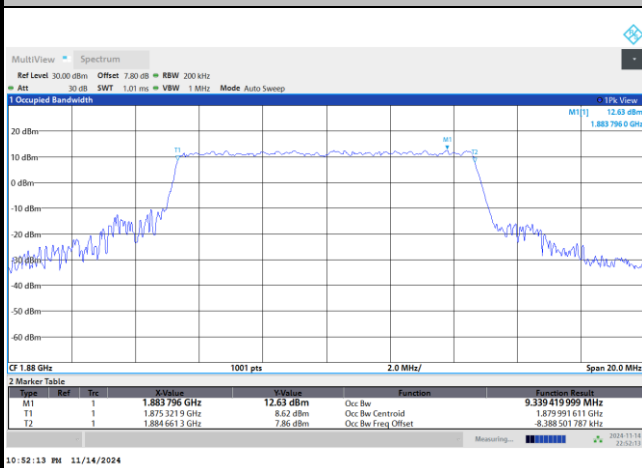
## FR1 n2 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

## PI/2 BPSK

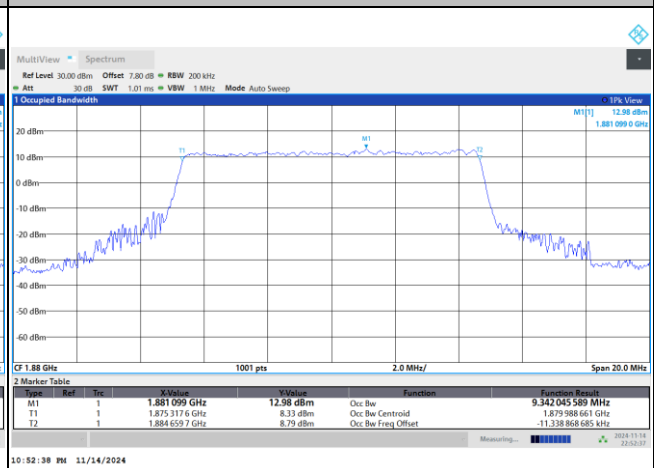


## FR1 n2 / 10MHz / CP OFDM / Middle Channel / Full RB

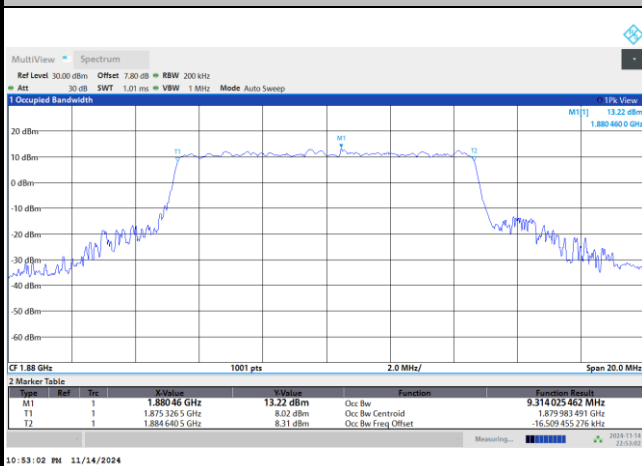
## QPSK



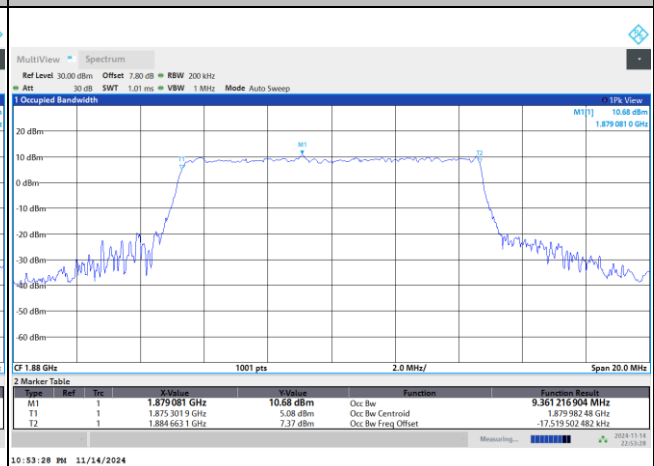
## 16QAM



## 64QAM

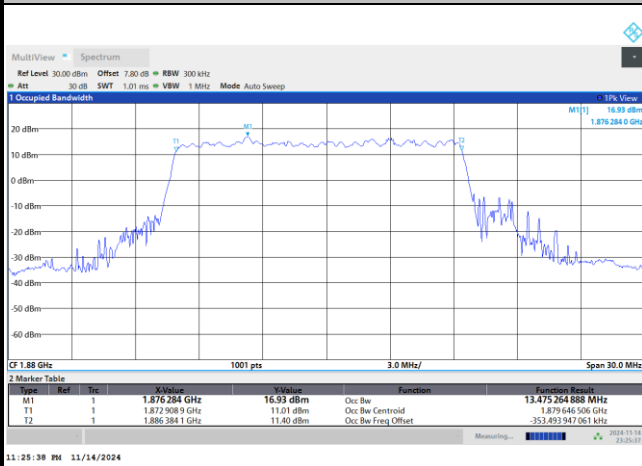


## 256QAM



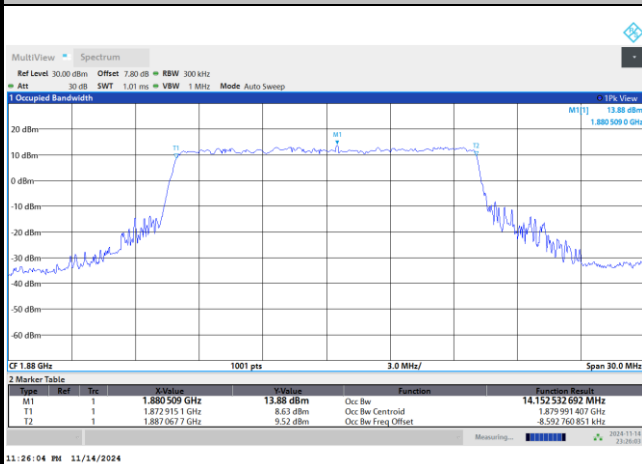
## FR1 n2 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

### PI/2 BPSK

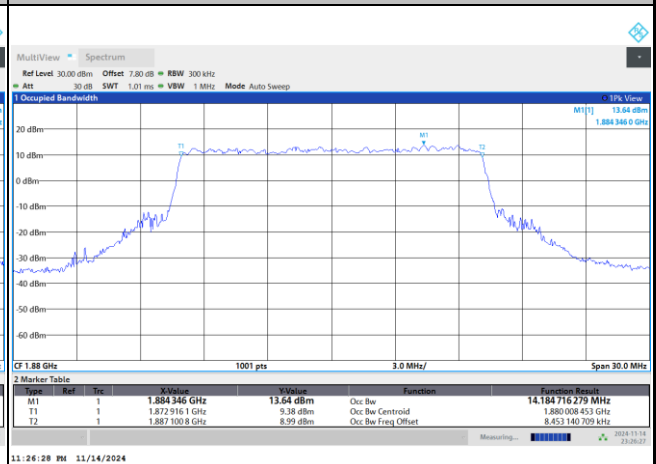


## FR1 n2 / 15MHz / CP OFDM / Middle Channel / Full RB

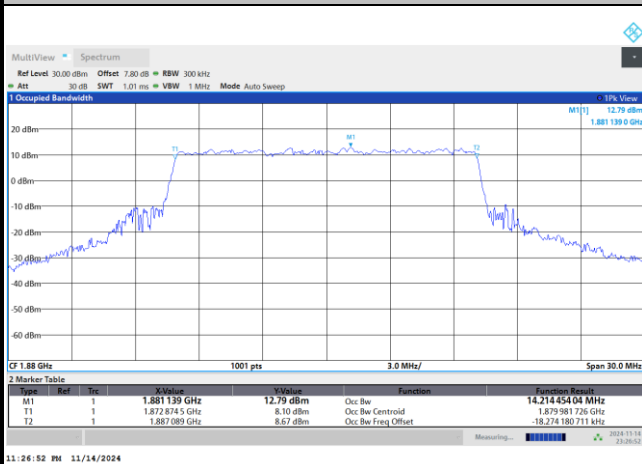
### QPSK



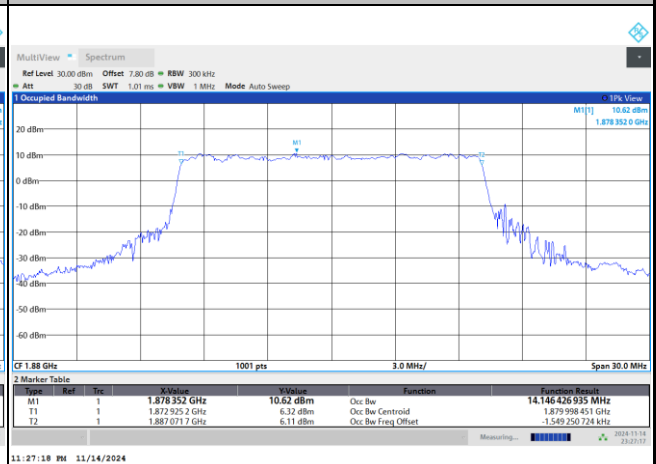
### 16QAM



### 64QAM



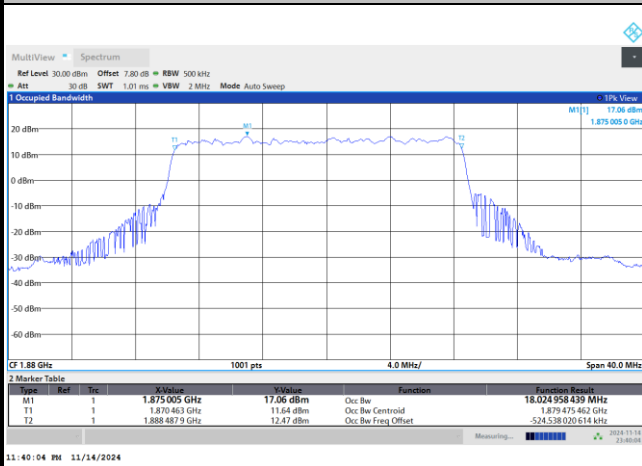
### 256QAM





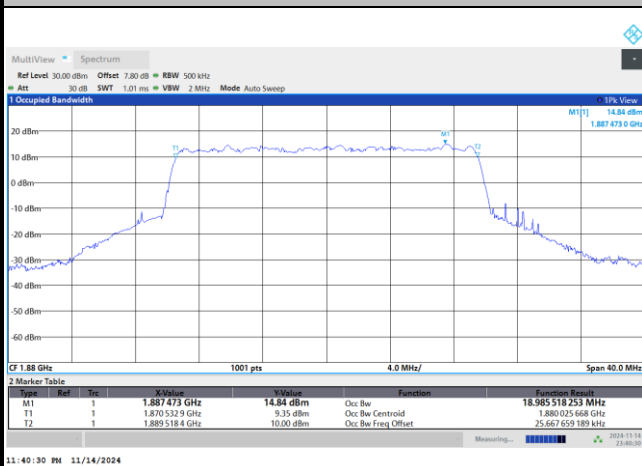
## FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

## PI/2 BPSK

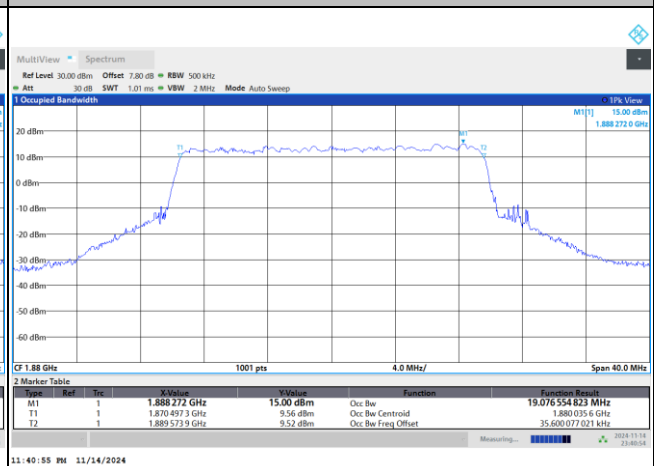


## FR1 n2 / 20MHz / CP OFDM / Middle Channel / Full RB

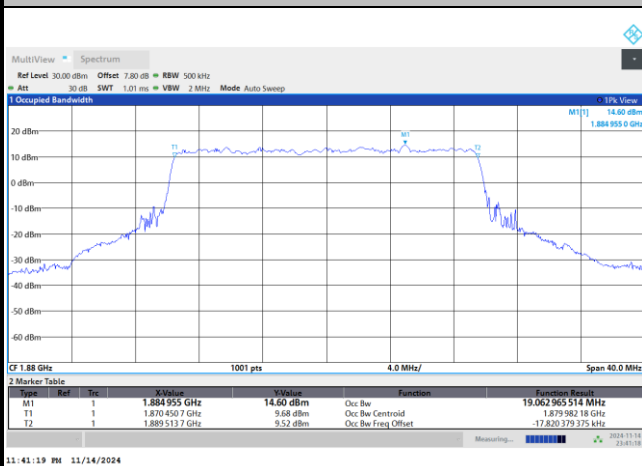
## QPSK



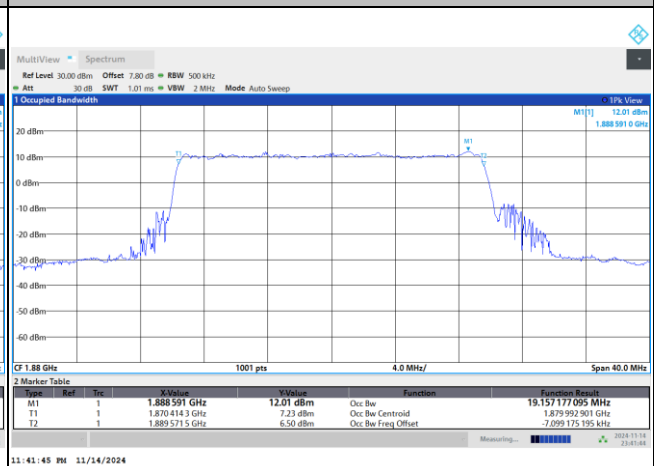
## 16QAM



## 64QAM



## 256QAM

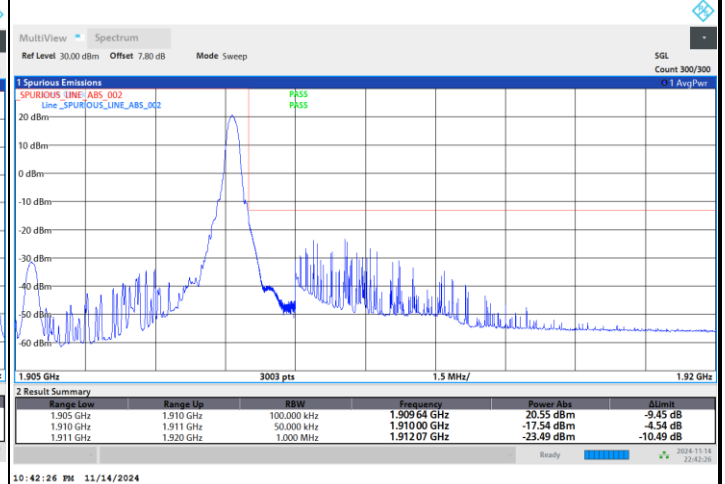
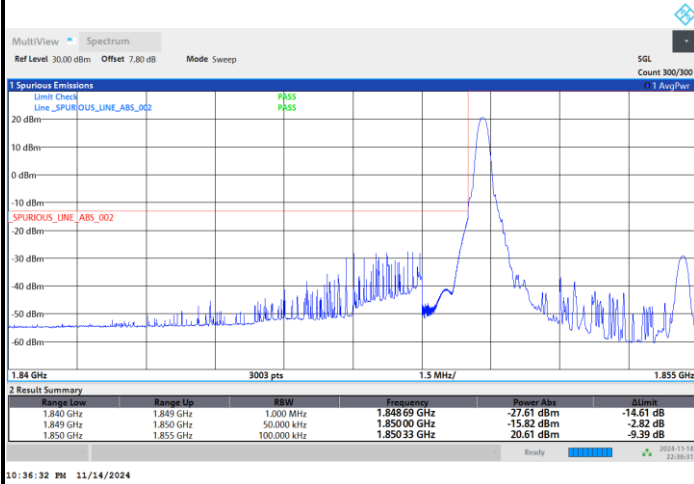


**Conducted Band Edge**

FR1 n2 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

