

# TEST REPORT

## CERTIFICATE OF CONFORMITY

**Standard:** 47 CFR FCC Part 22  
47 CFR FCC Part 24  
47 CFR FCC Part 27  
47 CFR FCC Part 90  
47 CFR FCC Part 2

**Report No.:** RFBEDV-WTW-P23030565B-2

**FCC ID:** G95RG525FNA

**Product:** Module

**Brand:** Vantiva

**Model No.:** RG525FNA

**Received Date:** 2024/10/30

**Test Date:** 2024/11/26 ~ 2025/3/10

**Issued Date:** 2025/3/21

**Applicant:** Vantiva USA LLC

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

**FCC Registration /** 281270 / TW0032 for Test Location(1)

**Designation Number:** 788550 / TW0003 for Test Location(2)

**Approved by:**



**Date:**

**2025/3/21**

Jeremy Lin / Project Engineer

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Prepared by : Pettie Chen / Senior Specialist



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## Release Control Record

| Issue No.               | Description       | Date Issued |
|-------------------------|-------------------|-------------|
| RFBEDV-WTW-P23030565B-2 | Original release. | 2025/3/21   |

## 1 Certificate

**Product:** Module

**Brand:** Vantiva

**Test Model:** RG525FNA

**Sample Status:** Engineering sample

**Applicant:** Vantiva USA LLC

**Test Date:** 2024/11/26 ~ 2025/3/10

**Standard:** 47 CFR FCC Part 22  
47 CFR FCC Part 24  
47 CFR FCC Part 27  
47 CFR FCC Part 90  
47 CFR FCC Part 2

**Measurement Procedure:** ANSI/TIA/EIA-603-E 2016  
ANSI C63.26-2015  
KDB 971168 D01 Power Meas License Digital Systems v03r01  
KDB 971168 D02 Misc Rev Approv License Devices v02r02  
KDB 662911 D01 Multiple Transmitter Output v02r01

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

## 2 Summary of Test Results

| Standard / Clause                                                                                                                                                                   | Test Item                                                            | Result | Remark                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------|---------------------------------------------------|
| Part 2.1046<br>Part 22.913 (a)<br>Part 24.232 (c)<br>Part 27.50(k)<br>Part 90.635(b)<br>Part 90.542(a)(7)                                                                           | Effective Radiated Power and Equivalent Isotropically Radiated Power | Pass   | Meet the requirement of limit.                    |
| Part 2.1047                                                                                                                                                                         | Modulation Characteristics                                           | NA     | Refer to Note                                     |
| Part 22.913 (d)<br>Part 24.232 (d)<br>Part 27.50(d)<br>Part 27.50(k)(4)<br>Part 27.50(j)(4)                                                                                         | Peak to Average Ratio                                                | NA     | Refer to Note                                     |
| Part 2.1049                                                                                                                                                                         | Bandwidth                                                            | NA     | Refer to Note                                     |
| Part 2.1051<br>Part 22.917<br>Part 24.238<br>Part 27.53(h)<br>Part 27.53(m)<br>Part 27.53(g)<br>Part 27.53(a)<br>Part 27.53(n)<br>Part 27.53(l)<br>Part 90.691<br>Part 90.543(e)(f) | Conducted Spurious Emissions                                         | NA     | Refer to Note                                     |
| Part 2.1053<br>Part 22.917<br>Part 24.238<br>Part 27.53(h)<br>Part 27.53(m)<br>Part 27.53(g)<br>Part 27.53(a)<br>Part 27.53(n)<br>Part 27.53(l)<br>Part 90.691<br>Part 90.543(e)(f) | Radiated Spurious Emissions below 1GHz                               | Pass   | Minimum passing margin is -8.16 dB at 132.82 MHz  |
| Part 2.1053<br>Part 22.917<br>Part 24.238<br>Part 27.53(h)<br>Part 27.53(m)<br>Part 27.53(g)<br>Part 27.53(a)<br>Part 27.53(n)<br>Part 27.53(l)<br>Part 90.691<br>Part 90.543(e)(f) | Radiated Spurious Emissions above 1GHz                               | Pass   | Minimum passing margin is -5.68 dB at 4620.00 MHz |

| Standard / Clause                                                                        | Test Item           | Result | Remark        |
|------------------------------------------------------------------------------------------|---------------------|--------|---------------|
| Part 2.1055<br>Part 22.355<br>Part 24.235<br>Part 27.54<br>Part 90.213<br>Part 90.539(e) | Frequency Stability | NA     | Refer to Note |

Note:

1. This report is issued as a supplementary report. For 5GNR Band 2/5/14/25/26/77 (3.45 GHz ~ 3.55 GHz): only test item of Effective Radiated Power/Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. For 5GNR Band 7/12/30/38/41/66/71/77(3.7 GHz ~ 3.98 GHz): only test item of Radiated Spurious Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd report no.: 2211RSU034-U6, 2211RSU034-U7, 2211RSU034-U8, 2211RSU034-U9 for module (Brand: Quectel, Model: RG525F-NA).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

## 2.1 Measurement Uncertainty

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

| Parameter                                                            | Specification   | Uncertainty (±) |
|----------------------------------------------------------------------|-----------------|-----------------|
| Effective Radiated Power and Equivalent Isotropically Radiated Power | -               | 1.371 dB        |
| Radiated Spurious Emissions below 1GHz                               | 9 kHz ~ 30 MHz  | 3 dB            |
|                                                                      | 30 MHz ~ 1 GHz  | 2.93 dB         |
| Radiated Spurious Emissions above 1GHz                               | 1 GHz ~ 18 GHz  | 1.76 dB         |
|                                                                      | 18 GHz ~ 40 GHz | 1.77 dB         |

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

## 2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

|                     |                    |
|---------------------|--------------------|
| Product             | Module             |
| Brand               | Vantiva            |
| Test Model          | RG525FNA           |
| Status of EUT       | Engineering sample |
| Power Supply Rating | Refer to Note      |
| EUT Category        | Mobile station     |

Note:

1. This report is a supplementary report to BV CPS report no.: RFBEDV-WTW-P23030565A-2. The differences compared with the original report are changing LTE/5GNR antenna 0 and adding board shielding. Since new antenna gain higher than original antenna in 5GNR Band 2/5/14/25/26/77 (3.45 GHz ~ 3.55 GHz). Therefore, for 5GNR Band 2/5/14/25/26/77 (3.45 GHz ~ 3.55 GHz) have changed RF output power parameter and test item of Effective Radiated Power/Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report to meet the regulatory requirements. Due to power setting is the same and new antenna gain is lower than original antenna gain, for 5GNR Band 7/12/30/38/41/66/71/77(3.7 GHz ~ 3.98 GHz): only test item of Radiated Spurious Emissions tests were performed for this report. Refer to original report for the other test data.

#### 2. EUT Overview

##### NR n2 SCS 15 kHz

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|--------------|---------------|-----------------|
| 5 MHz     | 1852.5 ~ 1907.5          | DFT-S BPSK   | 0.71          | 28.51           |
|           |                          | DFT-S QPSK   | 0.721         | 28.58           |
|           |                          | DFT-S 16QAM  | 0.531         | 27.25           |
|           |                          | DFT-S 64QAM  | 0.407         | 26.10           |
|           |                          | DFT-S 256QAM | 0.318         | 25.02           |
| 10 MHz    | 1855 ~ 1905              | DFT-S BPSK   | 0.698         | 28.44           |
|           |                          | DFT-S QPSK   | 0.711         | 28.52           |
|           |                          | DFT-S 16QAM  | 0.547         | 27.38           |
|           |                          | DFT-S 64QAM  | 0.418         | 26.21           |
|           |                          | DFT-S 256QAM | 0.332         | 25.21           |
| 15 MHz    | 1857.5 ~ 1902.5          | DFT-S BPSK   | 0.705         | 28.48           |
|           |                          | DFT-S QPSK   | 0.708         | 28.50           |
|           |                          | DFT-S 16QAM  | 0.552         | 27.42           |
|           |                          | DFT-S 64QAM  | 0.415         | 26.18           |
|           |                          | DFT-S 256QAM | 0.332         | 25.21           |
| 20 MHz    | 1860 ~ 1900              | DFT-S BPSK   | 0.729         | 28.63           |
|           |                          | DFT-S QPSK   | 0.736         | 28.67           |
|           |                          | DFT-S 16QAM  | 0.556         | 27.45           |
|           |                          | DFT-S 64QAM  | 0.429         | 26.32           |
|           |                          | DFT-S 256QAM | 0.326         | 25.13           |



#### NR n5 SCS 15 kHz

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. ERP (W) | Max. ERP (dBm) |
|-----------|--------------------------|--------------|--------------|----------------|
| 5 MHz     | 826.5 ~ 846.5            | DFT-S BPSK   | 0.524        | 27.19          |
|           |                          | DFT-S QPSK   | 0.532        | 27.26          |
|           |                          | DFT-S 16QAM  | 0.406        | 26.08          |
|           |                          | DFT-S 64QAM  | 0.313        | 24.96          |
|           |                          | DFT-S 256QAM | 0.254        | 24.05          |
| 10 MHz    | 829 ~ 844                | DFT-S BPSK   | 0.541        | 27.33          |
|           |                          | DFT-S QPSK   | 0.54         | 27.32          |
|           |                          | DFT-S 16QAM  | 0.405        | 26.07          |
|           |                          | DFT-S 64QAM  | 0.315        | 24.98          |
|           |                          | DFT-S 256QAM | 0.24         | 23.80          |
| 15 MHz    | 831.5 ~ 841.5            | DFT-S BPSK   | 0.54         | 27.32          |
|           |                          | DFT-S QPSK   | 0.538        | 27.31          |
|           |                          | DFT-S 16QAM  | 0.43         | 26.33          |
|           |                          | DFT-S 64QAM  | 0.34         | 25.32          |
|           |                          | DFT-S 256QAM | 0.265        | 24.23          |
| 20 MHz    | 834 ~ 839                | DFT-S BPSK   | 0.546        | 27.37          |
|           |                          | DFT-S QPSK   | 0.555        | 27.44          |
|           |                          | DFT-S 16QAM  | 0.439        | 26.42          |
|           |                          | DFT-S 64QAM  | 0.34         | 25.31          |
|           |                          | DFT-S 256QAM | 0.259        | 24.14          |

#### NR n14 SCS 15 kHz

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. ERP (W) | Max. ERP (dBm) |
|-----------|--------------------------|--------------|--------------|----------------|
| 5 MHz     | 790.5 ~ 795.5            | DFT-S BPSK   | 0.317        | 25.01          |
|           |                          | DFT-S QPSK   | 0.325        | 25.12          |
|           |                          | DFT-S 16QAM  | 0.251        | 24.00          |
|           |                          | DFT-S 64QAM  | 0.196        | 22.93          |
|           |                          | DFT-S 256QAM | 0.152        | 21.82          |
| 10 MHz    | 793                      | DFT-S BPSK   | 0.324        | 25.11          |
|           |                          | DFT-S QPSK   | 0.329        | 25.17          |
|           |                          | DFT-S 16QAM  | 0.249        | 23.97          |
|           |                          | DFT-S 64QAM  | 0.191        | 22.80          |
|           |                          | DFT-S 256QAM | 0.149        | 21.73          |

# NR n25 SCS 15 kHz

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|--------------|---------------|-----------------|
| 5 MHz     | 1852.5 ~ 1912.5          | DFT-S BPSK   | 0.69          | 28.39           |
|           |                          | DFT-S QPSK   | 0.69          | 28.39           |
|           |                          | DFT-S 16QAM  | 0.542         | 27.34           |
|           |                          | DFT-S 64QAM  | 0.414         | 26.17           |
|           |                          | DFT-S 256QAM | 0.322         | 25.08           |
| 10 MHz    | 1855 ~ 1910              | DFT-S BPSK   | 0.697         | 28.43           |
|           |                          | DFT-S QPSK   | 0.698         | 28.44           |
|           |                          | DFT-S 16QAM  | 0.555         | 27.44           |
|           |                          | DFT-S 64QAM  | 0.429         | 26.32           |
|           |                          | DFT-S 256QAM | 0.321         | 25.07           |
| 15 MHz    | 1857.5 ~ 1907.5          | DFT-S BPSK   | 0.69          | 28.39           |
|           |                          | DFT-S QPSK   | 0.703         | 28.47           |
|           |                          | DFT-S 16QAM  | 0.538         | 27.31           |
|           |                          | DFT-S 64QAM  | 0.43          | 26.33           |
|           |                          | DFT-S 256QAM | 0.327         | 25.14           |
| 20 MHz    | 1860 ~ 1905              | DFT-S BPSK   | 0.679         | 28.32           |
|           |                          | DFT-S QPSK   | 0.692         | 28.40           |
|           |                          | DFT-S 16QAM  | 0.54          | 27.32           |
|           |                          | DFT-S 64QAM  | 0.434         | 26.37           |
|           |                          | DFT-S 256QAM | 0.331         | 25.20           |
| 25 MHz    | 1862.5 ~ 1902.5          | DFT-S BPSK   | 0.684         | 28.35           |
|           |                          | DFT-S QPSK   | 0.705         | 28.48           |
|           |                          | DFT-S 16QAM  | 0.547         | 27.38           |
|           |                          | DFT-S 64QAM  | 0.431         | 26.34           |
|           |                          | DFT-S 256QAM | 0.341         | 25.33           |
| 30 MHz    | 1865 ~ 1900              | DFT-S BPSK   | 0.679         | 28.32           |
|           |                          | DFT-S QPSK   | 0.697         | 28.43           |
|           |                          | DFT-S 16QAM  | 0.541         | 27.33           |
|           |                          | DFT-S 64QAM  | 0.41          | 26.13           |
|           |                          | DFT-S 256QAM | 0.311         | 24.93           |
| 40 MHz    | 1870 ~ 1895              | DFT-S BPSK   | 0.701         | 28.46           |
|           |                          | DFT-S QPSK   | 0.713         | 28.53           |
|           |                          | DFT-S 16QAM  | 0.566         | 27.53           |
|           |                          | DFT-S 64QAM  | 0.44          | 26.43           |
|           |                          | DFT-S 256QAM | 0.329         | 25.17           |

### NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. ERP (W) | Max. ERP (dBm) |
|-----------|--------------------------|--------------|--------------|----------------|
| 5 MHz     | 816.5 ~ 821.5            | DFT-S BPSK   | 0.301        | 24.79          |
|           |                          | DFT-S QPSK   | 0.308        | 24.88          |
|           |                          | DFT-S 16QAM  | 0.240        | 23.81          |
|           |                          | DFT-S 64QAM  | 0.187        | 22.72          |
|           |                          | DFT-S 256QAM | 0.130        | 21.13          |
| 10 MHz    | 819                      | DFT-S BPSK   | 0.310        | 24.91          |
|           |                          | DFT-S QPSK   | 0.313        | 24.96          |
|           |                          | DFT-S 16QAM  | 0.246        | 23.91          |
|           |                          | DFT-S 64QAM  | 0.191        | 22.81          |
|           |                          | DFT-S 256QAM | 0.131        | 21.17          |
| 15 MHz    | 821.5                    | DFT-S BPSK   | 0.313        | 24.95          |
|           |                          | DFT-S QPSK   | 0.318        | 25.02          |
|           |                          | DFT-S 16QAM  | 0.251        | 23.99          |
|           |                          | DFT-S 64QAM  | 0.194        | 22.87          |
|           |                          | DFT-S 256QAM | 0.147        | 21.68          |
| 20 MHz    | 824                      | DFT-S BPSK   | 0.316        | 24.99          |
|           |                          | DFT-S QPSK   | 0.324        | 25.11          |
|           |                          | DFT-S 16QAM  | 0.255        | 24.07          |
|           |                          | DFT-S 64QAM  | 0.193        | 22.86          |
|           |                          | DFT-S 256QAM | 0.148        | 21.7           |

### NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. ERP (W) | Max. ERP (dBm) |
|-----------|--------------------------|--------------|--------------|----------------|
| 5 MHz     | 826.5 ~ 846.5            | DFT-S BPSK   | 0.298        | 24.74          |
|           |                          | DFT-S QPSK   | 0.305        | 24.84          |
|           |                          | DFT-S 16QAM  | 0.228        | 23.57          |
|           |                          | DFT-S 64QAM  | 0.182        | 22.59          |
|           |                          | DFT-S 256QAM | 0.143        | 21.54          |
| 10 MHz    | 829 ~ 844                | DFT-S BPSK   | 0.296        | 24.71          |
|           |                          | DFT-S QPSK   | 0.299        | 24.76          |
|           |                          | DFT-S 16QAM  | 0.230        | 23.62          |
|           |                          | DFT-S 64QAM  | 0.179        | 22.54          |
|           |                          | DFT-S 256QAM | 0.140        | 21.47          |
| 15 MHz    | 831.5 ~ 841.5            | DFT-S BPSK   | 0.299        | 24.76          |
|           |                          | DFT-S QPSK   | 0.303        | 24.82          |
|           |                          | DFT-S 16QAM  | 0.238        | 23.76          |
|           |                          | DFT-S 64QAM  | 0.185        | 22.66          |
|           |                          | DFT-S 256QAM | 0.147        | 21.67          |
| 20 MHz    | 836.5                    | DFT-S BPSK   | 0.301        | 24.79          |
|           |                          | DFT-S QPSK   | 0.308        | 24.89          |
|           |                          | DFT-S 16QAM  | 0.269        | 24.30          |
|           |                          | DFT-S 64QAM  | 0.284        | 24.53          |
|           |                          | DFT-S 256QAM | 0.188        | 22.74          |

# NR n41 SCS 30 kHz PC2\_1TX

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|--------------|---------------|-----------------|
| 20 MHz    | 2506.02 ~ 2679.99        | DFT-S BPSK   | 1.607         | 32.06           |
|           |                          | DFT-S QPSK   | 1.614         | 32.08           |
|           |                          | DFT-S 16QAM  | 1.230         | 30.9            |
|           |                          | DFT-S 64QAM  | 0.962         | 29.83           |
|           |                          | DFT-S 256QAM | 0.748         | 28.74           |
| 30 MHz    | 2511 ~ 2674.98           | DFT-S BPSK   | 1.560         | 31.93           |
|           |                          | DFT-S QPSK   | 1.570         | 31.96           |
|           |                          | DFT-S 16QAM  | 1.291         | 31.11           |
|           |                          | DFT-S 64QAM  | 0.953         | 29.79           |
|           |                          | DFT-S 256QAM | 0.741         | 28.7            |
| 40 MHz    | 2516.01 ~ 2670           | DFT-S BPSK   | 1.585         | 32              |
|           |                          | DFT-S QPSK   | 1.614         | 32.08           |
|           |                          | DFT-S 16QAM  | 1.256         | 30.99           |
|           |                          | DFT-S 64QAM  | 0.966         | 29.85           |
|           |                          | DFT-S 256QAM | 0.738         | 28.68           |
| 50 MHz    | 2521.02 ~ 2664.99        | DFT-S BPSK   | 1.581         | 31.99           |
|           |                          | DFT-S QPSK   | 1.600         | 32.04           |
|           |                          | DFT-S 16QAM  | 1.242         | 30.94           |
|           |                          | DFT-S 64QAM  | 0.923         | 29.65           |
|           |                          | DFT-S 256QAM | 0.724         | 28.6            |
| 60 MHz    | 2526 ~ 2659.98           | DFT-S BPSK   | 1.592         | 32.02           |
|           |                          | DFT-S QPSK   | 1.600         | 32.04           |
|           |                          | DFT-S 16QAM  | 1.233         | 30.91           |
|           |                          | DFT-S 64QAM  | 0.955         | 29.8            |
|           |                          | DFT-S 256QAM | 0.743         | 28.71           |
| 70 MHz    | 2531.01 ~ 2655           | DFT-S BPSK   | 1.585         | 32              |
|           |                          | DFT-S QPSK   | 1.603         | 32.05           |
|           |                          | DFT-S 16QAM  | 1.225         | 30.88           |
|           |                          | DFT-S 64QAM  | 0.993         | 29.97           |
|           |                          | DFT-S 256QAM | 0.743         | 28.71           |
| 80 MHz    | 2536.02 ~ 2649.99        | DFT-S BPSK   | 1.563         | 31.94           |
|           |                          | DFT-S QPSK   | 1.614         | 32.08           |
|           |                          | DFT-S 16QAM  | 1.271         | 31.04           |
|           |                          | DFT-S 64QAM  | 0.982         | 29.92           |
|           |                          | DFT-S 256QAM | 0.740         | 28.69           |
| 90 MHz    | 2541 ~ 2644.98           | DFT-S BPSK   | 1.560         | 31.93           |
|           |                          | DFT-S QPSK   | 1.574         | 31.97           |
|           |                          | DFT-S 16QAM  | 1.236         | 30.92           |
|           |                          | DFT-S 64QAM  | 0.940         | 29.73           |
|           |                          | DFT-S 256QAM | 0.750         | 28.75           |
| 100 MHz   | 2546.01 ~ 2640           | DFT-S BPSK   | 1.622         | 32.1            |
|           |                          | DFT-S QPSK   | 1.637         | 32.14           |
|           |                          | DFT-S 16QAM  | 1.242         | 30.94           |
|           |                          | DFT-S 64QAM  | 0.951         | 29.78           |
|           |                          | DFT-S 256QAM | 0.748         | 28.74           |

# NR n41 SCS 30 kHz PC3\_1TX

| Bandwidth | TX Frequency Range (MHz) | Modulation   | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|--------------|---------------|-----------------|
| 20 MHz    | 2506.02 ~ 2679.99        | DFT-S BPSK   | 0.735         | 28.66           |
|           |                          | DFT-S QPSK   | 0.753         | 28.77           |
|           |                          | DFT-S 16QAM  | 0.586         | 27.68           |
|           |                          | DFT-S 64QAM  | 0.455         | 26.58           |
|           |                          | DFT-S 256QAM | 0.330         | 25.18           |
| 30 MHz    | 2511 ~ 2674.98           | DFT-S BPSK   | 0.743         | 28.71           |
|           |                          | DFT-S QPSK   | 0.745         | 28.72           |
|           |                          | DFT-S 16QAM  | 0.596         | 27.75           |
|           |                          | DFT-S 64QAM  | 0.470         | 26.72           |
|           |                          | DFT-S 256QAM | 0.355         | 25.5            |
| 40 MHz    | 2516.01 ~ 2670           | DFT-S BPSK   | 0.743         | 28.71           |
|           |                          | DFT-S QPSK   | 0.757         | 28.79           |
|           |                          | DFT-S 16QAM  | 0.568         | 27.54           |
|           |                          | DFT-S 64QAM  | 0.435         | 26.38           |
|           |                          | DFT-S 256QAM | 0.335         | 25.25           |
| 50 MHz    | 2521.02 ~ 2664.99        | DFT-S BPSK   | 0.740         | 28.69           |
|           |                          | DFT-S QPSK   | 0.740         | 28.69           |
|           |                          | DFT-S 16QAM  | 0.583         | 27.66           |
|           |                          | DFT-S 64QAM  | 0.449         | 26.52           |
|           |                          | DFT-S 256QAM | 0.342         | 25.34           |
| 60 MHz    | 2526 ~ 2659.98           | DFT-S BPSK   | 0.736         | 28.67           |
|           |                          | DFT-S QPSK   | 0.755         | 28.78           |
|           |                          | DFT-S 16QAM  | 0.575         | 27.6            |
|           |                          | DFT-S 64QAM  | 0.453         | 26.56           |
|           |                          | DFT-S 256QAM | 0.341         | 25.33           |
| 70 MHz    | 2531.01 ~ 2655           | DFT-S BPSK   | 0.731         | 28.64           |
|           |                          | DFT-S QPSK   | 0.745         | 28.72           |
|           |                          | DFT-S 16QAM  | 0.585         | 27.67           |
|           |                          | DFT-S 64QAM  | 0.456         | 26.59           |
|           |                          | DFT-S 256QAM | 0.348         | 25.41           |
| 80 MHz    | 2536.02 ~ 2649.99        | DFT-S BPSK   | 0.740         | 28.69           |
|           |                          | DFT-S QPSK   | 0.743         | 28.71           |
|           |                          | DFT-S 16QAM  | 0.582         | 27.65           |
|           |                          | DFT-S 64QAM  | 0.462         | 26.65           |
|           |                          | DFT-S 256QAM | 0.361         | 25.58           |
| 90 MHz    | 2541 ~ 2644.98           | DFT-S BPSK   | 0.741         | 28.7            |
|           |                          | DFT-S QPSK   | 0.757         | 28.79           |
|           |                          | DFT-S 16QAM  | 0.589         | 27.7            |
|           |                          | DFT-S 64QAM  | 0.455         | 26.58           |
|           |                          | DFT-S 256QAM | 0.356         | 25.51           |
| 100 MHz   | 2546.01 ~ 2640           | DFT-S BPSK   | 0.752         | 28.76           |
|           |                          | DFT-S QPSK   | 0.766         | 28.84           |
|           |                          | DFT-S 16QAM  | 0.600         | 27.78           |
|           |                          | DFT-S 64QAM  | 0.471         | 26.73           |
|           |                          | DFT-S 256QAM | 0.354         | 25.49           |

# NR n41 SCS 30 kHz PC2\_2TX

| Bandwidth | TX Frequency Range (MHz) | Modulation | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|------------|---------------|-----------------|
| 20 MHz    | 2506.02 ~ 2679.99        | QPSK       | 1.315         | 31.19           |
|           |                          | 16QAM      | 1.297         | 31.13           |
|           |                          | 64QAM      | 1.245         | 30.95           |
|           |                          | 256QAM     | 1.219         | 30.86           |
| 30 MHz    | 2511 ~ 2674.98           | QPSK       | 1.318         | 31.2            |
|           |                          | 16QAM      | 1.291         | 31.11           |
|           |                          | 64QAM      | 1.230         | 30.9            |
|           |                          | 256QAM     | 1.213         | 30.84           |
| 40 MHz    | 2516.01 ~ 2670           | QPSK       | 1.312         | 31.18           |
|           |                          | 16QAM      | 1.300         | 31.14           |
|           |                          | 64QAM      | 1.242         | 30.94           |
|           |                          | 256QAM     | 1.219         | 30.86           |
| 50 MHz    | 2521.02 ~ 2664.99        | QPSK       | 1.306         | 31.16           |
|           |                          | 16QAM      | 1.309         | 31.17           |
|           |                          | 64QAM      | 1.250         | 30.97           |
|           |                          | 256QAM     | 1.219         | 30.86           |
| 60 MHz    | 2526 ~ 2659.98           | QPSK       | 1.312         | 31.18           |
|           |                          | 16QAM      | 1.300         | 31.14           |
|           |                          | 64QAM      | 1.253         | 30.98           |
|           |                          | 256QAM     | 1.211         | 30.83           |
| 70 MHz    | 2531.01 ~ 2655           | QPSK       | 1.303         | 31.15           |
|           |                          | 16QAM      | 1.294         | 31.12           |
|           |                          | 64QAM      | 1.245         | 30.95           |
|           |                          | 256QAM     | 1.208         | 30.82           |
| 80 MHz    | 2536.02 ~ 2649.99        | QPSK       | 1.309         | 31.17           |
|           |                          | 16QAM      | 1.297         | 31.13           |
|           |                          | 64QAM      | 1.253         | 30.98           |
|           |                          | 256QAM     | 1.219         | 30.86           |
| 90 MHz    | 2541 ~ 2644.98           | QPSK       | 1.324         | 31.22           |
|           |                          | 16QAM      | 1.309         | 31.17           |
|           |                          | 64QAM      | 1.233         | 30.91           |
|           |                          | 256QAM     | 1.216         | 30.85           |
| 100 MHz   | 2546.01 ~ 2640           | QPSK       | 1.340         | 31.27           |
|           |                          | 16QAM      | 1.334         | 31.25           |
|           |                          | 64QAM      | 1.271         | 31.04           |
|           |                          | 256QAM     | 1.245         | 30.95           |

# NR n41 SCS 30 kHz PC3\_2TX

| Bandwidth | TX Frequency Range (MHz) | Modulation | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|------------|---------------|-----------------|
| 20 MHz    | 2506.02 ~ 2679.99        | QPSK       | 0.789         | 28.97           |
|           |                          | 16QAM      | 0.793         | 28.99           |
|           |                          | 64QAM      | 0.762         | 28.82           |
|           |                          | 256QAM     | 0.723         | 28.59           |
| 30 MHz    | 2511 ~ 2674.98           | QPSK       | 0.793         | 28.99           |
|           |                          | 16QAM      | 0.793         | 28.99           |
|           |                          | 64QAM      | 0.760         | 28.81           |
|           |                          | 256QAM     | 0.719         | 28.57           |
| 40 MHz    | 2516.01 ~ 2670           | QPSK       | 0.793         | 28.99           |
|           |                          | 16QAM      | 0.791         | 28.98           |
|           |                          | 64QAM      | 0.753         | 28.77           |
|           |                          | 256QAM     | 0.724         | 28.6            |
| 50 MHz    | 2521.02 ~ 2664.99        | QPSK       | 0.796         | 29.01           |
|           |                          | 16QAM      | 0.782         | 28.93           |
|           |                          | 64QAM      | 0.762         | 28.82           |
|           |                          | 256QAM     | 0.721         | 28.58           |
| 60 MHz    | 2526 ~ 2659.98           | QPSK       | 0.794         | 29              |
|           |                          | 16QAM      | 0.791         | 28.98           |
|           |                          | 64QAM      | 0.764         | 28.83           |
|           |                          | 256QAM     | 0.719         | 28.57           |
| 70 MHz    | 2531.01 ~ 2655           | QPSK       | 0.793         | 28.99           |
|           |                          | 16QAM      | 0.793         | 28.99           |
|           |                          | 64QAM      | 0.762         | 28.82           |
|           |                          | 256QAM     | 0.713         | 28.53           |
| 80 MHz    | 2536.02 ~ 2649.99        | QPSK       | 0.793         | 28.99           |
|           |                          | 16QAM      | 0.778         | 28.91           |
|           |                          | 64QAM      | 0.766         | 28.84           |
|           |                          | 256QAM     | 0.719         | 28.57           |
| 90 MHz    | 2541 ~ 2644.98           | QPSK       | 0.796         | 29.01           |
|           |                          | 16QAM      | 0.785         | 28.95           |
|           |                          | 64QAM      | 0.762         | 28.82           |
|           |                          | 256QAM     | 0.718         | 28.56           |
| 100 MHz   | 2546.01 ~ 2640           | QPSK       | 0.809         | 29.08           |
|           |                          | 16QAM      | 0.804         | 29.05           |
|           |                          | 64QAM      | 0.778         | 28.91           |
|           |                          | 256QAM     | 0.735         | 28.66           |

# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)\_1TX

| Bandwidth | TX Frequency Range (MHz) | Modulation | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|------------|---------------|-----------------|
| 10 MHz    | 3455.01 ~ 3544.98        | BPSK       | 0.508         | 27.06           |
|           |                          | QPSK       | 0.481         | 26.82           |
|           |                          | 16QAM      | 0.386         | 25.87           |
|           |                          | 64QAM      | 0.306         | 24.86           |
|           |                          | 256QAM     | 0.175         | 22.42           |
| 15 MHz    | 3457.5 ~ 3542.49         | BPSK       | 0.500         | 26.99           |
|           |                          | QPSK       | 0.486         | 26.87           |
|           |                          | 16QAM      | 0.385         | 25.85           |
|           |                          | 64QAM      | 0.308         | 24.88           |
|           |                          | 256QAM     | 0.172         | 22.36           |
| 20 MHz    | 3460.02 ~ 3540           | BPSK       | 0.500         | 26.99           |
|           |                          | QPSK       | 0.479         | 26.8            |
|           |                          | 16QAM      | 0.381         | 25.81           |
|           |                          | 64QAM      | 0.313         | 24.96           |
|           |                          | 256QAM     | 0.170         | 22.31           |
| 30 MHz    | 3465 ~ 3534.99           | BPSK       | 0.512         | 27.09           |
|           |                          | QPSK       | 0.490         | 26.9            |
|           |                          | 16QAM      | 0.383         | 25.83           |
|           |                          | 64QAM      | 0.307         | 24.87           |
|           |                          | 256QAM     | 0.168         | 22.26           |
| 40 MHz    | 3470.01 ~ 3529.98        | BPSK       | 0.505         | 27.03           |
|           |                          | QPSK       | 0.489         | 26.89           |
|           |                          | 16QAM      | 0.385         | 25.85           |
|           |                          | 64QAM      | 0.305         | 24.85           |
|           |                          | 256QAM     | 0.174         | 22.41           |
|           |                          | 256QAM     | 0.505         | 27.03           |
| 50 MHz    | 3475.02 ~ 3525           | BPSK       | 0.499         | 26.98           |
|           |                          | QPSK       | 0.478         | 26.79           |
|           |                          | 16QAM      | 0.388         | 25.89           |
|           |                          | 64QAM      | 0.307         | 24.87           |
|           |                          | 256QAM     | 0.175         | 22.42           |
| 60 MHz    | 3480 ~ 3519.99           | BPSK       | 0.513         | 27.1            |
|           |                          | QPSK       | 0.473         | 26.75           |
|           |                          | 16QAM      | 0.391         | 25.92           |
|           |                          | 64QAM      | 0.308         | 24.88           |
|           |                          | 256QAM     | 0.175         | 22.42           |
| 70 MHz    | 3485.01 ~ 3514.98        | BPSK       | 0.509         | 27.07           |
|           |                          | QPSK       | 0.475         | 26.77           |
|           |                          | 16QAM      | 0.384         | 25.84           |
|           |                          | 64QAM      | 0.313         | 24.95           |
|           |                          | 256QAM     | 0.172         | 22.35           |



| Bandwidth | TX Frequency Range (MHz) | Modulation | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|------------|---------------|-----------------|
| 80 MHz    | 3490.02 ~ 3510           | BPSK       | 0.514         | 27.11           |
|           |                          | QPSK       | 0.478         | 26.79           |
|           |                          | 16QAM      | 0.386         | 25.87           |
|           |                          | 64QAM      | 0.310         | 24.91           |
|           |                          | 256QAM     | 0.171         | 22.33           |
| 90 MHz    | 3495 ~ 3504.99           | BPSK       | 0.516         | 27.13           |
|           |                          | QPSK       | 0.493         | 26.93           |
|           |                          | 16QAM      | 0.394         | 25.96           |
|           |                          | 64QAM      | 0.316         | 25              |
|           |                          | 256QAM     | 0.167         | 22.24           |
| 100 MHz   | 3500.01 ~ 3500.01        | BPSK       | 0.526         | 27.21           |
|           |                          | QPSK       | 0.495         | 26.95           |
|           |                          | 16QAM      | 0.397         | 25.99           |
|           |                          | 64QAM      | 0.326         | 25.13           |
|           |                          | 256QAM     | 0.169         | 22.29           |

# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)\_2TX

| Bandwidth | TX Frequency Range (MHz) | Modulation | Max. EIRP (W) | Max. EIRP (dBm) |
|-----------|--------------------------|------------|---------------|-----------------|
| 10 MHz    | 3455.01 ~ 3544.98        | QPSK       | 0.59          | 27.71           |
|           |                          | 16QAM      | 0.524         | 27.19           |
|           |                          | 64QAM      | 0.326         | 25.13           |
|           |                          | 256QAM     | 0.152         | 21.83           |
| 15 MHz    | 3457.5 ~ 3542.49         | QPSK       | 0.581         | 27.64           |
|           |                          | 16QAM      | 0.516         | 27.13           |
|           |                          | 64QAM      | 0.335         | 25.25           |
|           |                          | 256QAM     | 0.152         | 21.82           |
| 20 MHz    | 3460.02 ~ 3540           | QPSK       | 0.59          | 27.71           |
|           |                          | 16QAM      | 0.521         | 27.17           |
|           |                          | 64QAM      | 0.332         | 25.21           |
|           |                          | 256QAM     | 0.147         | 21.68           |
| 30 MHz    | 3465 ~ 3534.99           | QPSK       | 0.6           | 27.78           |
|           |                          | 16QAM      | 0.516         | 27.13           |
|           |                          | 64QAM      | 0.332         | 25.21           |
|           |                          | 256QAM     | 0.149         | 21.72           |
| 40 MHz    | 3470.01 ~ 3529.98        | QPSK       | 0.578         | 27.62           |
|           |                          | 16QAM      | 0.527         | 27.22           |
|           |                          | 64QAM      | 0.327         | 25.14           |
|           |                          | 256QAM     | 0.152         | 21.82           |
| 50 MHz    | 3475.02 ~ 3525           | QPSK       | 0.57          | 27.56           |
|           |                          | 16QAM      | 0.518         | 27.14           |
|           |                          | 64QAM      | 0.329         | 25.17           |
|           |                          | 256QAM     | 0.153         | 21.85           |
| 60 MHz    | 3480 ~ 3519.99           | QPSK       | 0.581         | 27.64           |
|           |                          | 16QAM      | 0.525         | 27.2            |
|           |                          | 64QAM      | 0.332         | 25.21           |
|           |                          | 256QAM     | 0.153         | 21.85           |
| 70 MHz    | 3485.01 ~ 3514.98        | QPSK       | 0.592         | 27.72           |
|           |                          | 16QAM      | 0.512         | 27.09           |
|           |                          | 64QAM      | 0.33          | 25.19           |
|           |                          | 256QAM     | 0.151         | 21.8            |
| 80 MHz    | 3490.02 ~ 3510           | QPSK       | 0.535         | 27.28           |
|           |                          | 16QAM      | 0.525         | 27.2            |
|           |                          | 64QAM      | 0.329         | 25.17           |
|           |                          | 256QAM     | 0.152         | 21.82           |
| 90 MHz    | 3495 ~ 3504.99           | QPSK       | 0.608         | 27.84           |
|           |                          | 16QAM      | 0.536         | 27.29           |
|           |                          | 64QAM      | 0.34          | 25.31           |
|           |                          | 256QAM     | 0.155         | 21.9            |
| 100 MHz   | 3500.01 ~ 3500.01        | QPSK       | 0.653         | 28.15           |
|           |                          | 16QAM      | 0.548         | 27.39           |
|           |                          | 64QAM      | 0.354         | 25.49           |
|           |                          | 256QAM     | 0.161         | 22.08           |

3. The EUT is authorized for use in specific End-product. Please refer to below for more details. Model MGA5331 is the representative for final test.

| Item         | Brand   | Model       | Note                                          |
|--------------|---------|-------------|-----------------------------------------------|
| WIFI Gateway | Vantiva | MGA5331     | Model difference only for marketing strategy. |
|              |         | MGA5331VBV5 |                                               |

\*The RF characteristics of the above two host models are the same frequency band of this module.

4. The adapter for the End-product.

| AC Adapter |                         |                                                                                                             |
|------------|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Brand      | Model                   | Specification                                                                                               |
| HONOR      | ADS-42FI-12 12042EPCU-L | AC Input: 100-120V~ 50/60Hz 1.2A max.<br>DC Output: 12VDC, 3.5A, 42W<br>DC Output Cable: 1.5m, Non-Shielded |

5. 5G NR n77 has same RF characteristic and power setting as 5GNR n78.
6. 5G NR n77 overlaps the entire frequency range of 5G NR n78. Therefore, test data provided in this report covers 5G NR n77 as well as 5G NR n78.
7. n77/n78 support HPUE (SISO mode: support PC2, PC3 / MIMO mode: support PC2, PC3 & PC1.5) select worst case PC2 at SISO mode & PC1.5 at MIMO mode for final test.
8. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.
9. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

### 3.2 Antenna Description of EUT

1. The antenna information is listed as below.

| Ant. No.                     |                           | Ant. 3     | Ant. 0 (newly) |
|------------------------------|---------------------------|------------|----------------|
| Antenna Type                 |                           | PCB        | PCB            |
| Antenna Connector            |                           | Ipex(MHF)  | Ipex(MHF)      |
| Band                         | TX Ant                    | Gain (dBi) |                |
| n2                           | Ant 0                     | 3.47       | 6.08           |
| n5                           | Ant 0                     | 1.58       | 4.2            |
| n7                           | Ant 3                     | 5.7        | 5.25           |
| n12                          | Ant 0                     | 1.99       | 0.04           |
| n14                          | Ant 0                     | 0.74       | 4.27           |
| n25                          | Ant 0                     | 3.47       | 6.08           |
| n26 (824 ~ 849MHz)           | Ant 0                     | 1.75       | 4.63           |
| n26 (814 ~ 824MHz)           | Ant 0                     | 1.75       | 4.63           |
| n30                          | Ant 3                     | 2          | 4.4            |
| n38                          | Ant 3                     | 6.11       | 5.5            |
| n41                          | Ant 3<br>UL-MIMO: Ant 0+3 | 6.17       | 5.5            |
| n66                          | Ant 0                     | 3.96       | 3.73           |
| n71                          | Ant 0                     | 1.99       | 0.04           |
| n77/n78<br>(3450MHz-3550MHz) | Ant 0<br>UL-MIMO: Ant 0+3 | 3.72       | 4.2            |
| n77/n78<br>(3700MHz-3980MHz) | Ant 0<br>UL-MIMO: Ant 0+3 | 4.59       | 4.87           |

\* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

### 3.3 Test Mode Applicability and Tested Channel Detail

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Scan:   | 1. EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition.                                                                                                                                                                                                                                                                                                                        |
| Worst Case: | 1. X-axis/ Y-axis/ Z-axis Worst Condition: X-axis<br>2. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation. Therefore, only EIRP/ERP, had been tested under BPSK, QPSK, 16QAM, 64QAM and 256QAM mode, the other items were performed under QPSK mode only.<br>3. For radiated spurious emissions below 1 GHz, the worst case radiated emissions mode above 1 GHz is selected for final testing. |

#### 3.3.1 NR n2 SCS 15 kHz

| Test Item                               | Tested Channel                                                    | Channel Bandwidth | Modulation                                 | Mode                       |
|-----------------------------------------|-------------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Equivalent Isotropically Radiated Power | 370500(1852.50 MHz)<br>376000(1880.00 MHz)<br>381500(1907.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 371000(1855.00 MHz)<br>376000(1880.00 MHz)<br>381000(1905.00 MHz) | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 371500(1857.50 MHz)<br>376000(1880.00 MHz)<br>380500(1902.50 MHz) | 15 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 372000(1860.00 MHz)<br>376000(1880.00 MHz)<br>380000(1900.00 MHz) | 20 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz  | 381500(1907.50 MHz)                                               | 5 MHz             | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz  | 370500(1852.50 MHz)<br>376000(1880.00 MHz)<br>381500(1907.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                         | 372000(1860.00 MHz)<br>376000(1880.00 MHz)<br>380000(1900.00 MHz) | 20 MHz            | QPSK                                       | 1 RB                       |

### 3.3.2 NR n5 SCS 15 kHz

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation                                 | Mode                       |
|----------------------------------------|----------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Effective Radiated Power               | 165300(826.50 MHz)<br>167300(836.50 MHz)<br>169300(846.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 165800(829.00 MHz)<br>167300(836.50 MHz)<br>168800(844.00 MHz) | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 166300(831.50 MHz)<br>167300(836.50 MHz)<br>168300(841.50 MHz) | 15 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 166800(834.00 MHz)<br>167300(836.50 MHz)<br>167800(839.00 MHz) | 20 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz | 167300(836.50 MHz)                                             | 20 MHz            | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz | 165300(826.50 MHz)<br>167300(836.50 MHz)<br>169300(846.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                        | 166800(834.00 MHz)<br>167300(836.50 MHz)<br>167800(839.00 MHz) | 20 MHz            | QPSK                                       | 1 RB                       |

### 3.3.3 NR n7 SCS 15 kHz

| Test Item                              | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 513500(2567.50 MHz)                                               | 5 MHz             | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 500500(2502.50 MHz)<br>507000(2535.00 MHz)<br>513500(2567.50 MHz) | 5 MHz             | QPSK       | 1 RB |
|                                        | 502000(2510.00 MHz)<br>507000(2535.00 MHz)<br>512000(2560.00 MHz) | 20 MHz            | QPSK       | 1 RB |
|                                        | 504000(2520.00 MHz)<br>507000(2535.00 MHz)<br>510000(2550.00 MHz) | 40 MHz            | QPSK       | 1 RB |

### 3.3.4 NR n12 SCS 15 kHz

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|----------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 141500(707.50 MHz)                                             | 15 MHz            | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 140300(701.50 MHz)<br>141500(707.50 MHz)<br>142700(713.50 MHz) | 5 MHz             | QPSK       | 1 RB |
|                                        | 141300(706.50 MHz)<br>141500(707.50 MHz)<br>141700(708.50 MHz) | 15 MHz            | QPSK       | 1 RB |

### 3.3.5 NR n14 SCS 15 kHz

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation                                 | Mode                       |
|----------------------------------------|----------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Effective Radiated Power               | 158100(790.50 MHz)<br>158600(793.00 MHz)<br>159100(795.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 158600(793.00 MHz)                                             | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz | 158600(793.00 MHz)                                             | 10 MHz            | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz | 158100(790.50 MHz)<br>158600(793.00 MHz)<br>159100(795.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                        | 158600(793.00 MHz)                                             | 10 MHz            | QPSK                                       | 1 RB                       |

### 3.3.6 NR n25 SCS 15 kHz

| Test Item                               | Tested Channel                                                    | Channel Bandwidth | Modulation                                 | Mode                       |
|-----------------------------------------|-------------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Equivalent Isotropically Radiated Power | 370500(1852.50 MHz)<br>376500(1882.50 MHz)<br>382500(1912.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 371000(1855.00 MHz)<br>376500(1882.50 MHz)<br>382000(1910.00 MHz) | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 371500(1857.50 MHz)<br>376500(1882.50 MHz)<br>381500(1907.50 MHz) | 15 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 372000(1860.00 MHz)<br>376500(1882.50 MHz)<br>381000(1905.00 MHz) | 20 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 372500(1862.50 MHz)<br>376500(1882.50 MHz)<br>380500(1902.50 MHz) | 25 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 373000(1865.00 MHz)<br>376500(1882.50 MHz)<br>380000(1900.00 MHz) | 30 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                         | 374000(1870.00 MHz)<br>376500(1882.50 MHz)<br>379000(1895.00 MHz) | 40 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz  | 382500(1912.50 MHz)                                               | 5 MHz             | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz  | 370500(1852.50 MHz)<br>376500(1882.50 MHz)<br>382500(1912.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                         | 372000(1860.00 MHz)<br>376500(1882.50 MHz)<br>381000(1905.00 MHz) | 20 MHz            | QPSK                                       | 1 RB                       |
|                                         | 374000(1870.00 MHz)<br>376500(1882.50 MHz)<br>379000(1895.00 MHz) | 40 MHz            | QPSK                                       | 1 RB                       |



### 3.3.7 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation                                 | Mode                       |
|----------------------------------------|----------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Effective Radiated Power               | 163300(816.50 MHz)<br>163800(819.00 MHz)<br>164300(821.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 163800(819.00 MHz)                                             | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 164300(821.50 MHz)                                             | 15 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 164800(824.00 MHz)                                             | 20 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz | 164800 (824.00 MHz)                                            | 20 MHz            | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz | 163300(816.50 MHz)<br>163800(819.00 MHz)<br>164300(821.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                        | 164800 (824.00 MHz)                                            | 20 MHz            | QPSK                                       | 1 RB                       |

### 3.3.8 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation                                 | Mode                       |
|----------------------------------------|----------------------------------------------------------------|-------------------|--------------------------------------------|----------------------------|
| Effective Radiated Power               | 165300(826.50 MHz)<br>167300(836.50 MHz)<br>169300(846.50 MHz) | 5 MHz             | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 165800(829.00 MHz)<br>167300(836.50 MHz)<br>168800(844.00 MHz) | 10 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 166300(831.50 MHz)<br>167300(836.50 MHz)<br>168300(841.50 MHz) | 15 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
|                                        | 167300(836.50 MHz)                                             | 20 MHz            | BPSK / QPSK /<br>16QAM / 64QAM<br>/ 256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz | 169300(846.50 MHz)                                             | 5 MHz             | QPSK                                       | 1 RB                       |
| Radiated Spurious Emissions above 1GHz | 165300(826.50 MHz)<br>167300(836.50 MHz)<br>169300(846.50 MHz) | 5 MHz             | QPSK                                       | 1 RB                       |
|                                        | 167300(836.50 MHz)                                             | 20 MHz            | QPSK                                       | 1 RB                       |

### 3.3.9 NR n30 SCS 15 kHz

| Test Item                              | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 462000(2310.00 MHz)                                               | 10 MHz            | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 461500(2307.50 MHz)<br>462000(2310.00 MHz)<br>462500(2312.50 MHz) | 5 MHz             | QPSK       | 1 RB |
|                                        | 462000(2310.00 MHz)                                               | 10 MHz            | QPSK       | 1 RB |

### 3.3.10NR n38 SCS 30 kHz

| Test Item                              | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 519000(2595.00 MHz)                                               | 40 MHz            | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 515000(2575.00 MHz)<br>519000(2595.00 MHz)<br>523000(2615.00 MHz) | 10 MHz            | QPSK       | 1 RB |
|                                        | 516000(2580.00 MHz)<br>519000(2595.00 MHz)<br>522000(2610.00 MHz) | 20 MHz            | QPSK       | 1 RB |
|                                        | 518000(2590.00 MHz)<br>519000(2595.00 MHz)<br>520000(2600.00 MHz) | 40 MHz            | QPSK       | 1 RB |
|                                        |                                                                   |                   |            |      |

### 3.3.11NR n41 SCS 30 kHz

| Test Item                                                            | Tx/Rx condition | Tested Channel                                                      | Channel Bandwidth | Modulation                                    | Mode                       |
|----------------------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------|-----------------------------------------------|----------------------------|
| Effective Radiated Power and Equivalent Isotropically Radiated Power | 1TX, 2TX        | 501204(2506.02 MHz)<br>518598(2592.99 MHz)<br>535998(2679.99 MHz)   | 20 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 502200(2511.00 MHz)<br>518598(2592.99 MHz)<br>534996(2674.98 MHz)   | 30 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 503202(2516.01 MHz)<br>518598(2592.99 MHz)<br>534000(2670.00 MHz)   | 40 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 504204(2521.02 MHz)<br>518598(2592.99 MHz)<br>532998(2664.99 MHz)   | 50 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 505200(2526.00 MHz)<br>518598(2592.99 MHz)<br>531996(2659.98 MHz)   | 60 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 506202(2531.01 MHz)<br>518598(2592.99 MHz)<br>531000(2655.00 MHz)   | 70 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 507204(2536.02 MHz)<br>518598(2592.99 MHz)<br>529998(2649.99 MHz)   | 80 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 508200 (2541.00 MHz)<br>518598(2592.99 MHz)<br>528996 (2644.98 MHz) | 90 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
|                                                                      |                 | 509202(2546.01 MHz)<br>518598(2592.99 MHz)<br>528000(2640.00 MHz)   | 100 MHz           | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB<br>Half RB<br>Full RB |
| Radiated Spurious Emissions below 1GHz                               | 2Tx             | 518598(2592.99 MHz)                                                 | 100 MHz           | QPSK                                          | 1 RB                       |
| Radiated Spurious Emissions above 1GHz                               | 2Tx             | 501204(2506.02 MHz)<br>518598(2592.99 MHz)<br>535998(2679.99 MHz)   | 20 MHz            | QPSK                                          | 1 RB                       |
|                                                                      |                 | 504204(2521.02 MHz)<br>518598(2592.99 MHz)<br>532998(2664.99 MHz)   | 50 MHz            | QPSK                                          | 1 RB                       |
|                                                                      |                 | 509202(2546.01 MHz)<br>518598(2592.99 MHz)<br>528000(2640.00 MHz)   | 100 MHz           | QPSK                                          | 1 RB                       |

### 3.3.12NR n66 SCS 15 kHz

| Test Item                              | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 355500(1777.50 MHz)                                               | 5 MHz             | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 342500(1712.50 MHz)<br>349000(1745.00 MHz)<br>355500(1777.50 MHz) | 5 MHz             | QPSK       | 1 RB |
|                                        | 344000(1720.00 MHz)<br>349000(1745.00 MHz)<br>354000(1770.00 MHz) | 20 MHz            | QPSK       | 1 RB |
|                                        | 346000(1730.00 MHz)<br>349000(1745.00 MHz)<br>352000(1760.00 MHz) | 40 MHz            | QPSK       | 1 RB |

### 3.3.13NR n71 SCS 15 kHz

| Test Item                              | Tested Channel                                                 | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|----------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 139100(695.50 MHz)                                             | 5 MHz             | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 133100(665.50 MHz)<br>136100(680.50 MHz)<br>139100(695.50 MHz) | 5 MHz             | QPSK       | 1 RB |
|                                        | 134600(673.00 MHz)<br>136100(680.50 MHz)<br>137600(688.00 MHz) | 20 MHz            | QPSK       | 1 RB |

### 3.3.14NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

| Test Item                                                            | Tx/Rx condition | Tested Channel                                                    | Channel Bandwidth | Modulation                                    | Mode |
|----------------------------------------------------------------------|-----------------|-------------------------------------------------------------------|-------------------|-----------------------------------------------|------|
| Effective Radiated Power and Equivalent Isotropically Radiated Power | 1Tx             | 630334(3455.01 MHz)<br>633334(3500.01 MHz)<br>636332(3544.98 MHz) | 10 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 630500(3457.50 MHz)<br>633334(3500.01 MHz)<br>636166(3542.49 MHz) | 15 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 630668(3460.02 MHz)<br>633334(3500.01 MHz)<br>636000(3540.00 MHz) | 20 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631000(3465.00 MHz)<br>633334(3500.01 MHz)<br>635666(3534.99 MHz) | 30 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631334(3470.01 MHz)<br>633334(3500.01 MHz)<br>635332(3529.98 MHz) | 40 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631668(3475.02 MHz)<br>633334(3500.01 MHz)<br>635000(3525.00 MHz) | 50 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632000(3480.00 MHz)<br>633334(3500.01 MHz)<br>634666(3519.99 MHz) | 60 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632334(3485.01 MHz)<br>633334(3500.01 MHz)<br>634332(3514.98 MHz) | 70 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632668(3490.02 MHz)<br>633334(3500.01 MHz)<br>634000(3510.00 MHz) | 80 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 633000(3495.00 MHz)<br>633334(3500.01 MHz)<br>633666(3504.99 MHz) | 90 MHz            | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 633334(3500.01 MHz)                                               | 100 MHz           | BPSK / QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |

| Test Item                                                            | Tx/Rx condition | Tested Channel                                                    | Channel Bandwidth | Modulation                             | Mode |
|----------------------------------------------------------------------|-----------------|-------------------------------------------------------------------|-------------------|----------------------------------------|------|
| Effective Radiated Power and Equivalent Isotropically Radiated Power | 2Tx             | 630334(3455.01 MHz)<br>633334(3500.01 MHz)<br>636332(3544.98 MHz) | 10 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 630500(3457.50 MHz)<br>633334(3500.01 MHz)<br>636166(3542.49 MHz) | 15 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 630668(3460.02 MHz)<br>633334(3500.01 MHz)<br>636000(3540.00 MHz) | 20 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631000(3465.00 MHz)<br>633334(3500.01 MHz)<br>635666(3534.99 MHz) | 30 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631334(3470.01 MHz)<br>633334(3500.01 MHz)<br>635332(3529.98 MHz) | 40 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 631668(3475.02 MHz)<br>633334(3500.01 MHz)<br>635000(3525.00 MHz) | 50 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632000(3480.00 MHz)<br>633334(3500.01 MHz)<br>634666(3519.99 MHz) | 60 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632334(3485.01 MHz)<br>633334(3500.01 MHz)<br>634332(3514.98 MHz) | 70 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 632668(3490.02 MHz)<br>633334(3500.01 MHz)<br>634000(3510.00 MHz) | 80 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 633000(3495.00 MHz)<br>633334(3500.01 MHz)<br>633666(3504.99 MHz) | 90 MHz            | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |
|                                                                      |                 | 633334(3500.01 MHz)                                               | 100 MHz           | QPSK /<br>16QAM /<br>64QAM /<br>256QAM | 1 RB |

| Test Item                                                                    | Tx/Rx condition | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz                                       | 2Tx             | 633334(3500.01 MHz)                                               | 100 MHz           | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz                                       | 2Tx             | 630334(3455.01 MHz)<br>633334(3500.01 MHz)<br>636332(3544.98 MHz) | 10 MHz            | QPSK       | 1 RB |
|                                                                              |                 | 631668(3475.02 MHz)<br>633334(3500.01 MHz)<br>635000(3525.00 MHz) | 50 MHz            | QPSK       | 1 RB |
|                                                                              |                 | 633334(3500.01 MHz)                                               | 100 MHz           | QPSK       | 1 RB |
|                                                                              |                 | 633334(3500.01 MHz)                                               | 100 MHz           | QPSK       | 1 RB |
| Note: 5G NR n78 is already covered by the current test results of 5G NR n77. |                 |                                                                   |                   |            |      |

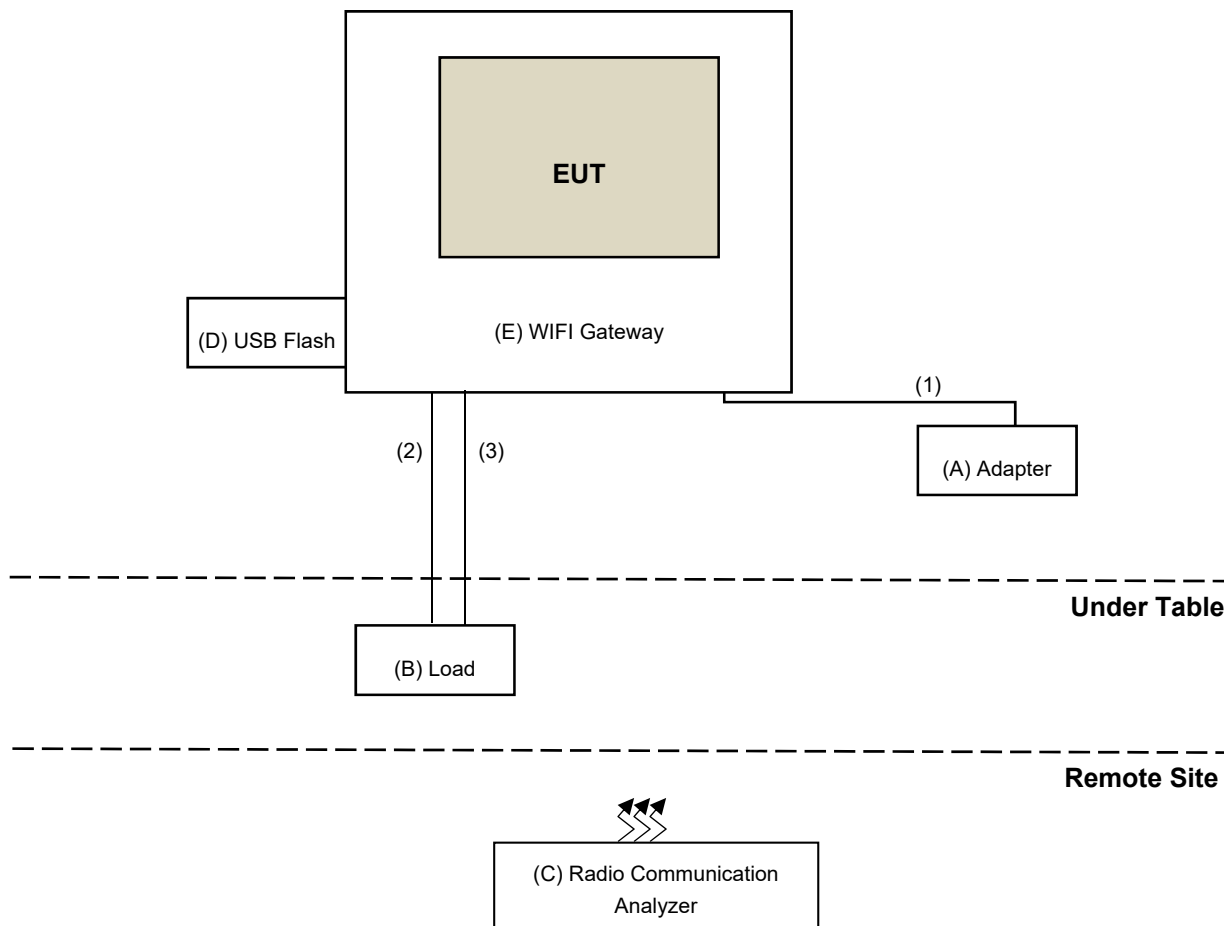
### 3.3.15NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

| Test Item                              | Tx/Rx condition | Tested Channel                                                    | Channel Bandwidth | Modulation | Mode |
|----------------------------------------|-----------------|-------------------------------------------------------------------|-------------------|------------|------|
| Radiated Spurious Emissions below 1GHz | 2Tx             | 650000(3750.00 MHz)                                               | 100 MHz           | QPSK       | 1 RB |
| Radiated Spurious Emissions above 1GHz | 2Tx             | 647000(3705.00 MHz)<br>656000(3840.00 MHz)<br>665000(3975.00 MHz) | 10 MHz            | QPSK       | 1 RB |
|                                        |                 | 648334(3725.01 MHz)<br>656000(3840.00 MHz)<br>663666(3954.99 MHz) | 50 MHz            | QPSK       | 1 RB |
|                                        |                 | 650000(3750.00 MHz)<br>656000(3840.00 MHz)<br>662000(3930.00 MHz) | 100 MHz           | QPSK       | 1 RB |
|                                        |                 |                                                                   |                   |            |      |

### 3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

### 3.5 Connection Diagram of EUT and Peripheral Devices



### 3.6 Configuration of Peripheral Devices and Cable Connections

| ID | Product                      | Brand   | Model No.                  | Serial No. | FCC ID | Remarks               |
|----|------------------------------|---------|----------------------------|------------|--------|-----------------------|
| A  | Adapter                      | HONOR   | ADS-42FI-12<br>12042EPCU-L | N/A        | N/A    | Supplied by applicant |
| B  | Load                         | N/A     | N/A                        | N/A        | N/A    | Provided by Lab       |
| C  | Radio Communication Analyzer | Anritsu | MT8821C                    | 6261806803 | N/A    | Provided by Lab       |
| D  | USB Flash                    | SanDisk | SDDDC3-032G                | N/A        | N/A    | Provided by Lab       |
| E  | WIFI Gateway                 | Vantiva | MGA5331                    | NA         | NA     | Provided by applicant |

| ID | Cable Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks                 |
|----|--------------------|------|------------|--------------------|--------------|-------------------------|
| 1  | DC Cable           | 1    | 1.5        | No                 | 0            | Attached on the adapter |
| 2  | RJ-45 Cable        | 5    | 1.5        | No                 | 0            | Provided by Lab         |
| 3  | RJ-11 Cable        | 1    | 1.5        | No                 | 0            | Provided by Lab         |



## 4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

### 4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

| Description<br>Manufacturer               | Model No.                        | Serial No. | Calibrated<br>Date | Calibrated<br>Until |
|-------------------------------------------|----------------------------------|------------|--------------------|---------------------|
| PXA Signal Analyzer<br>Keysight           | N9030B                           | MY57140938 | 2024/3/20          | 2025/3/19           |
| Software<br>BV                            | ADT_RF Test Software<br>V7.6.5.4 | N/A        | N/A                | N/A                 |
| UXM 5G Wireless Test Platform<br>Keysight | E7515B                           | MY60102115 | 2024/5/26          | 2025/5/25           |

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/1/15 ~ 2025/3/10

| Description<br>Manufacturer       | Model No.                    | Serial No.  | Calibrated<br>Date | Calibrated<br>Until |
|-----------------------------------|------------------------------|-------------|--------------------|---------------------|
| Antenna Tower<br>Max-Full         | MFA-515BSN                   | N/A         | N/A                | N/A                 |
| EXA Signal Analyzer<br>Agilent    | N9010A                       | MY52220207  | 2024/12/30         | 2025/12/29          |
| Horn Antenna<br>RFSPIN            | DRH18-E                      | 210104A18E  | 2024/11/10         | 2025/11/9           |
| Horn Antenna<br>Schwarzbeck       | BBHA 9170                    | 9170-1049   | 2024/11/10         | 2025/11/9           |
| MXE EMI Receiver<br>Agilent       | N9038A                       | MY52260177  | 2024/9/19          | 2025/9/18           |
| Preamplifier<br>Agilent           | 83017A                       | MY39501357  | 2024/6/12          | 2025/6/11           |
| Preamplifier<br>EMCI              | EMC184045SE                  | 980788      | 2025/1/14          | 2026/1/13           |
| RF Coaxial Cable<br>EMCI          | EMC101G-KM-KM-2000           | 201254      | 2025/1/14          | 2026/1/13           |
|                                   | EMC101G-KM-KM-3000           | 201258      | 2025/1/14          | 2026/1/13           |
|                                   | EMC101G-KM-KM-5000           | 201261      | 2025/1/14          | 2026/1/13           |
|                                   | EMC104-SM-SM-1000            | 210103      | 2025/1/14          | 2026/1/13           |
|                                   | EMC104-SM-SM-3000            | 201241      | 2025/1/14          | 2026/1/13           |
|                                   | EMC104-SM-SM-9000            | 201244      | 2025/1/14          | 2026/1/13           |
| Software<br>BV ADT                | ADT_Radiated_<br>V7.6.15.9.5 | N/A         | N/A                | N/A                 |
| Turn Table<br>Max-Full            | MFT-201SS                    | N/A         | N/A                | N/A                 |
| Turn Table Controller<br>Max-Full | MF-7802BS                    | MF780208676 | N/A                | N/A                 |

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2025/2/27

## 4.2 Radiated Spurious Emissions below 1GHz

| Description<br>Manufacturer       | Model No.                    | Serial No.       | Calibrated<br>Date | Calibrated<br>Until |
|-----------------------------------|------------------------------|------------------|--------------------|---------------------|
| Antenna Tower<br>Max-Full         | MFA-515BSN                   | N/A              | N/A                | N/A                 |
| Bi_Log Antenna<br>Schwarzbeck     | VULB 9168                    | 9168-1214        | 2024/10/15         | 2025/10/14          |
| EXA Signal Analyzer<br>Agilent    | N9010A                       | MY52220207       | 2023/12/28         | 2024/12/27          |
| Loop Antenna<br>TESEQ             | HLA 6121                     | 45745            | 2024/8/21          | 2025/8/20           |
| MXE EMI Receiver<br>Agilent       | N9038A                       | MY52260177       | 2024/9/19          | 2025/9/18           |
| Preamplifier<br>EMCI              | EMC330N                      | 980798           | 2024/1/15          | 2025/1/14           |
| RF Coaxial Cable<br>EMCI          | EMCCFD400-NM-NM-500          | 201248           | 2024/1/15          | 2025/1/14           |
|                                   | EMCCFD400-NM-NM-3000         | 201249           | 2024/1/15          | 2025/1/14           |
|                                   | EMCCFD400-NM-NM-9000         | 201251(with PAD) | 2024/1/15          | 2025/1/14           |
| Software<br>BV ADT                | ADT_Radiated_<br>V7.6.15.9.5 | N/A              | N/A                | N/A                 |
| Turn Table<br>Max-Full            | MFT-201SS                    | N/A              | N/A                | N/A                 |
| Turn Table Controller<br>Max-Full | MF-7802BS                    | MF780208676      | N/A                | N/A                 |

### Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/11/29

#### 4.3 Radiated Spurious Emissions above 1GHz

| Description<br>Manufacturer       | Model No.                    | Serial No.  | Calibrated<br>Date       | Calibrated<br>Until      |
|-----------------------------------|------------------------------|-------------|--------------------------|--------------------------|
| Antenna Tower<br>Max-Full         | MFA-515BSN                   | N/A         | N/A                      | N/A                      |
| EXA Signal Analyzer<br>Agilent    | N9010A                       | MY52220207  | 2023/12/28<br>2024/12/30 | 2024/12/27<br>2025/12/29 |
| Horn Antenna<br>RFSPIN            | DRH18-E                      | 210104A18E  | 2024/11/10               | 2025/11/9                |
| Horn Antenna<br>Schwarzbeck       | BBHA 9170                    | 9170-1049   | 2024/11/10               | 2025/11/9                |
| MXE EMI Receiver<br>Agilent       | N9038A                       | MY52260177  | 2024/9/19                | 2025/9/18                |
| Preamplifier<br>Agilent           | 83017A                       | MY39501357  | 2024/6/12                | 2025/6/11                |
| Preamplifier<br>EMCI              | EMC184045SE                  | 980788      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
| RF Coaxial Cable<br>EMCI          | EMC101G-KM-KM-2000           | 201254      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
|                                   | EMC101G-KM-KM-3000           | 201258      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
|                                   | EMC101G-KM-KM-5000           | 201261      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
|                                   | EMC104-SM-SM-1000            | 210103      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
|                                   | EMC104-SM-SM-3000            | 201241      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
|                                   | EMC104-SM-SM-9000            | 201244      | 2024/1/15<br>2025/1/14   | 2025/1/14<br>2026/1/13   |
| Software<br>BV ADT                | ADT_Radiated_<br>V7.6.15.9.5 | N/A         | N/A                      | N/A                      |
| Turn Table<br>Max-Full            | MFT-201SS                    | N/A         | N/A                      | N/A                      |
| Turn Table Controller<br>Max-Full | MF-7802BS                    | MF780208676 | N/A                      | N/A                      |

##### Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/11/26 ~ 2025/3/6

## 5 Limits of Test Items

### 5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

**For NR n5 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):**

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

**For NR n2 SCS 15 kHz, NR n25 SCS 15 kHz:**

Mobile and portable stations are limited to 2 watts EIRP.

**For NR n14 SCS 15 kHz:**

Control stations and mobile stations transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 30 watts ERP.

**For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):**

The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw) ERP.

**For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):**

Mobile devices are limited to 1 Watt (30 dBm) EIRP.

## 5.2 Radiated Spurious Emissions below 1GHz

### For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB. The emission limit equal to  $-13$  dBm.

### For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB.

### For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

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.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

### For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. The limit of emissions is equal to  $-13$  dBm.

### For NR n66 SCS 15 kHz:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB. The limit of emission is equal to  $-13$  dBm.

### For NR n30 SCS 15 kHz:

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $70 + 10 \log(P)$  dB. The limit of emission is equal to  $-40$  dBm.

### For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log(P)$  dB. The emission limit equal to  $-25$  dBm.

### For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), 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.

### For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for 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.

### 5.3 Radiated Spurious Emissions above 1GHz

#### For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB. The emission limit equal to  $-13$  dBm.

#### For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB.

According to FCC 47 CFR part 90.543 (f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

#### For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

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.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

#### For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. The limit of emissions is equal to  $-13$  dBm.

#### For NR n66 SCS 15 kHz:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB. The limit of emission is equal to  $-13$  dBm.

#### For NR n30 SCS 15 kHz:

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $70 + 10 \log(P)$  dB. The limit of emission is equal to  $-40$  dBm.

#### For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log(P)$  dB. The emission limit equal to  $-25$  dBm.

#### For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), 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.

#### For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for 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.

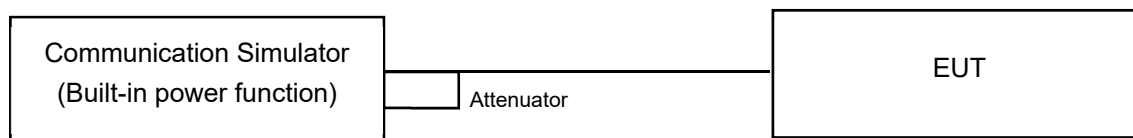
## 6 Test Arrangements

### 6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

#### 6.1.1 Test Setup

For 5GNR n2, 5, 14, 25, 26:

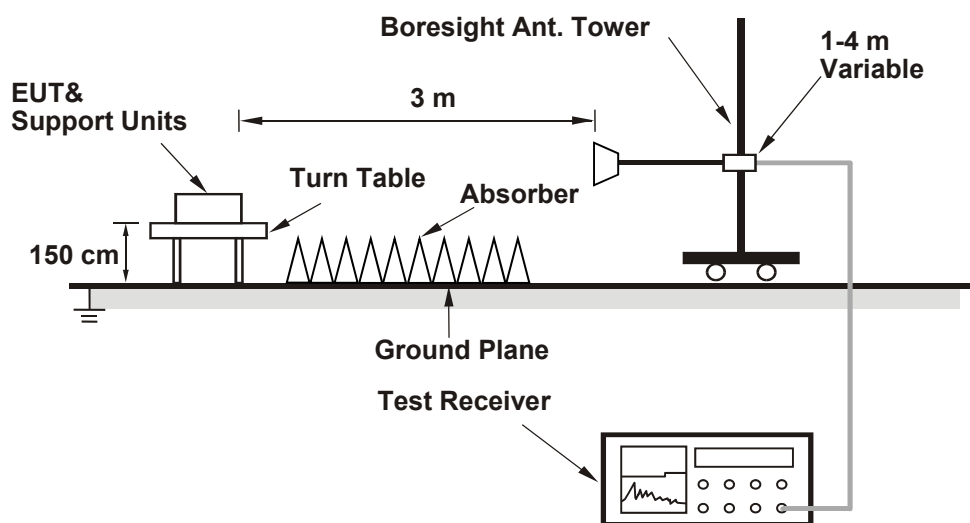
**Conducted Power Measurement:**



For 5GNR n77 (SA) and (UL-MIMO):

**Radiated Power EIRP / ERP Measurement:**

For Radiated Emission above 1 GHz



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

## 6.1.2 Test Procedure

### For 5GNR n2, 5, 14, 25, 26:

#### Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The average (rms) power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

#### Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as  $P_{\text{Meas}}$ , e.g., dBm or dBW)

$P_{\text{Meas}}$  measured transmitter output power or PSD, in dBm or dBW

$G_T$  gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

### For 5GNR n77 (SA) and (UL-MIMO):

#### Radiated Power EIRP / ERP Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer.

- In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
  - The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
  - Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
  - Following C63.26 section 5.5 and 5.2.7. Set the detector to power averaging (rms) detector.
- EIRP (dBm) =  $E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$ ; where D is the measurement distance (in the far field region) in m.
  - ERP (dBm) =  $E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8 - 2.15$ ; where D is the measurement distance (in the far field region) in m.

#### Spectrum analyzer setting as below:

Measurement method refers to ANSI C63.26 section 5.2.4.4.

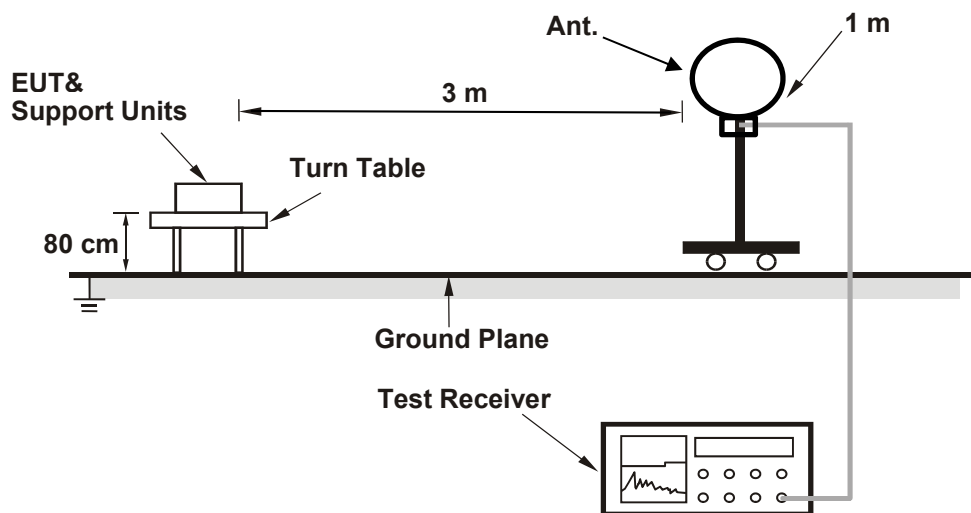
- Set span to  $2 \times$  to  $3 \times$  the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW  $\geq 3 \times$  RBW.
- Set number of measurement points in sweep  $\geq 2 \times$  span / RBW.
- Set Sweep time = auto-couple.
- Detector = power averaging (rms).
- Set sweep trigger to "free run."
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
- If Duty cycle < 98%, Add  $10 \log (1/\text{duty cycle})$  to the measured power level to compute the average power during continuous transmission.



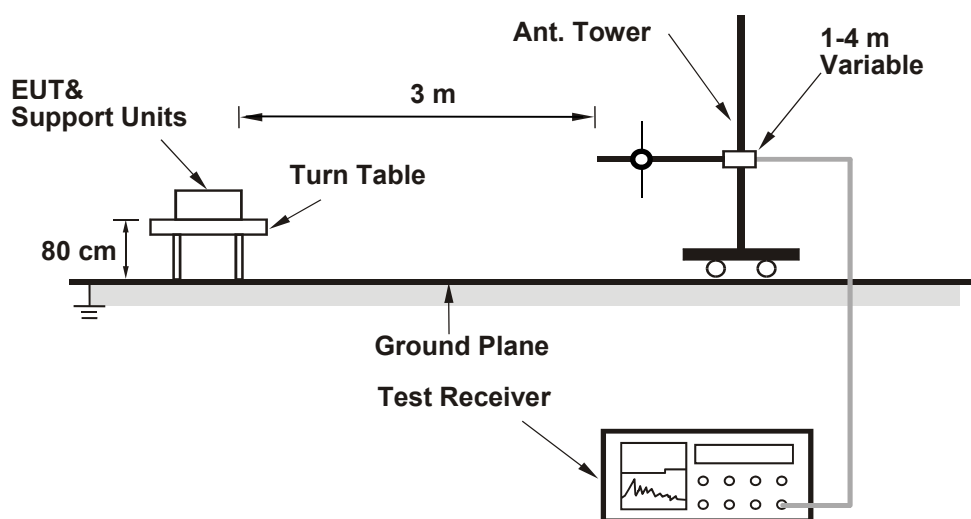
## 6.2 Radiated Spurious Emissions below 1GHz

### 6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

### 6.2.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following ANSI C63.26 section 5.5 and 5.2.7
- e.  $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$ ; where D is the measurement distance (in the far field region) in m.
- f.  $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$ ; where D is the measurement distance (in the far field region) in m.

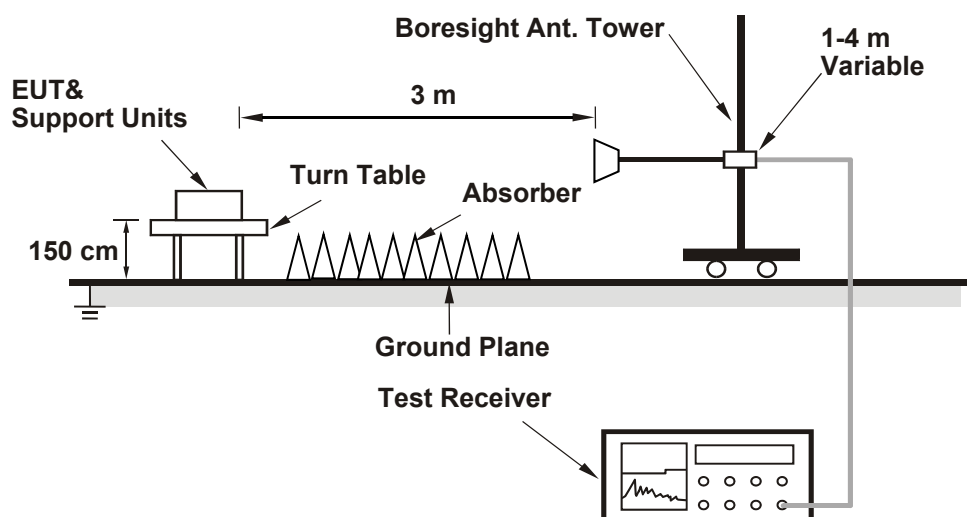
#### Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

## 6.3 Radiated Spurious Emissions above 1GHz

### 6.3.1 Test Setup

For radiated emission above 1 GHz



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

### 6.3.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- Following ANSI C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$ ; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$ ; where D is the measurement distance (in the far field region) in m.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

## 7 Test Results of Test Item

### 7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

|              |                |                           |              |            |               |
|--------------|----------------|---------------------------|--------------|------------|---------------|
| Input Power: | 120 Vac, 60 Hz | Environmental Conditions: | 20°C, 69% RH | Tested By: | Charles Hsiao |
|--------------|----------------|---------------------------|--------------|------------|---------------|

#### 7.1.1 NR n2 SCS 15 kHz

##### NR n2 SCS 15 kHz, Ant 0, Channel Bandwidth: 5 MHz

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |            |
|---------------|---------|-----------|-----------------------------------|-----------|------------|
|               |         |           | CH 370500                         | CH 376000 | CH 381500  |
|               |         |           | 1852.5 MHz                        | 1880 MHz  | 1907.5 MHz |
| DFT-S BPSK    | 1       | 1         | 22.22                             | 22.43     | 22.25      |
| DFT-S QPSK    | 1       | 1         | 22.31                             | 22.50     | 22.30      |
|               | 1       | 13        | 21.94                             | 21.95     | 22.14      |
|               | 1       | 23        | 21.64                             | 21.81     | 22.13      |
|               | 12      | 0         | 21.36                             | 21.53     | 21.98      |
|               | 12      | 7         | 21.24                             | 21.38     | 21.72      |
|               | 12      | 13        | 21.03                             | 21.28     | 21.70      |
|               | 25      | 0         | 20.92                             | 21.14     | 21.52      |
| DFT-S 16 QAM  | 1       | 1         | 21.07                             | 21.11     | 21.17      |
| DFT-S 64 QAM  | 1       | 1         | 20.02                             | 19.92     | 19.99      |
| DFT-S 256 QAM | 1       | 1         | 18.91                             | 18.56     | 18.94      |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.22                     | 22.43                     | 28.30              | 28.51              | 33.01            |
| DFT-S QPSK   | 20.92                     | 22.50                     | 27.00              | 28.58              | 33.01            |
| DFT-S 16QAM  | 21.07                     | 21.17                     | 27.15              | 27.25              | 33.01            |
| DFT-S 64QAM  | 19.92                     | 20.02                     | 26.00              | 26.10              | 33.01            |
| DFT-S 256QAM | 18.56                     | 18.94                     | 24.64              | 25.02              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n2 SCS 15 kHz, Ant 0, Channel Bandwidth: 10 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|---------------|---------|-----------|-----------------------------------|-----------|-----------|
|               |         |           | CH 371000                         | CH 376000 | CH 381000 |
|               |         |           | 1855 MHz                          | 1880 MHz  | 1905 MHz  |
| DFT-S BPSK    | 1       | 1         | 22.14                             | 22.36     | 22.29     |
| DFT-S QPSK    | 1       | 1         | 22.31                             | 22.44     | 22.32     |
|               | 1       | 26        | 21.89                             | 21.94     | 22.16     |
|               | 1       | 50        | 21.62                             | 21.83     | 22.03     |
|               | 25      | 0         | 21.33                             | 21.54     | 21.91     |
|               | 25      | 14        | 21.16                             | 21.34     | 21.75     |
|               | 25      | 27        | 20.96                             | 21.15     | 21.78     |
|               | 50      | 0         | 20.92                             | 21.08     | 21.44     |
| DFT-S 16 QAM  | 1       | 1         | 21.09                             | 21.16     | 21.30     |
| DFT-S 64 QAM  | 1       | 1         | 20.13                             | 20.00     | 20.10     |
| DFT-S 256 QAM | 1       | 1         | 18.89                             | 18.99     | 19.13     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.14                     | 22.36                     | 28.22              | 28.44              | 33.01            |
| DFT-S QPSK   | 20.92                     | 22.44                     | 27.00              | 28.52              | 33.01            |
| DFT-S 16QAM  | 21.09                     | 21.30                     | 27.17              | 27.38              | 33.01            |
| DFT-S 64QAM  | 20.00                     | 20.13                     | 26.08              | 26.21              | 33.01            |
| DFT-S 256QAM | 18.89                     | 19.13                     | 24.97              | 25.21              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

# NR n2 SCS 15 kHz, Ant 0, Channel Bandwidth: 15 MHz

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |            |
|--------------|---------|-----------|-----------------------------------|-----------|------------|
|              |         |           | CH 371500                         | CH 376000 | CH 380500  |
|              |         |           | 1857.5 MHz                        | 1880 MHz  | 1902.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.16                             | 22.40     | 22.37      |
| DFT-S QPSK   | 1       | 1         | 22.20                             | 22.42     | 22.33      |
|              | 1       | 40        | 21.98                             | 21.88     | 22.22      |
|              | 1       | 77        | 21.57                             | 21.83     | 22.05      |
|              | 36      | 0         | 21.39                             | 21.52     | 21.97      |
|              | 36      | 22        | 21.24                             | 21.37     | 21.84      |
|              | 36      | 43        | 21.02                             | 21.22     | 21.74      |
|              | 75      | 0         | 20.97                             | 21.13     | 21.39      |
| DFT-S 16 QAM | 1       | 1         | 21.29                             | 21.18     | 21.34      |
| DFT-S 64QAM  | 1       | 1         | 19.95                             | 20.10     | 20.03      |
| DFT-S 256QAM | 1       | 1         | 18.78                             | 19.13     | 18.77      |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.16                     | 22.40                     | 28.24              | 28.48              | 33.01            |
| DFT-S QPSK   | 20.97                     | 22.42                     | 27.05              | 28.50              | 33.01            |
| DFT-S 16QAM  | 21.18                     | 21.34                     | 27.26              | 27.42              | 33.01            |
| DFT-S 64QAM  | 19.95                     | 20.10                     | 26.03              | 26.18              | 33.01            |
| DFT-S 256QAM | 18.77                     | 19.13                     | 24.85              | 25.21              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

# NR n2 SCS 15 kHz, Ant 0, Channel Bandwidth: 20 MHz

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 372000                         | CH 376000 | CH 380000 |
|              |         |           | 1860 MHz                          | 1880 MHz  | 1900 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.29                             | 22.55     | 22.38     |
| DFT-S QPSK   | 1       | 1         | 22.37                             | 22.59     | 22.45     |
|              | 1       | 53        | 22.05                             | 22.06     | 22.32     |
|              | 1       | 104       | 21.74                             | 21.98     | 22.21     |
|              | 50      | 0         | 21.44                             | 21.69     | 22.06     |
|              | 50      | 28        | 21.32                             | 21.46     | 21.89     |
|              | 50      | 56        | 21.10                             | 21.33     | 21.84     |
|              | 100     | 0         | 21.06                             | 21.25     | 21.57     |
| DFT-S 16QAM  | 1       | 1         | 21.18                             | 21.37     | 21.22     |
| DFT-S 64QAM  | 1       | 1         | 20.16                             | 20.24     | 20.18     |
| DFT-S 256QAM | 1       | 1         | 19.05                             | 19.05     | 18.86     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.29                     | 22.55                     | 28.37              | 28.63              | 33.01            |
| DFT-S QPSK   | 21.06                     | 22.59                     | 27.14              | 28.67              | 33.01            |
| DFT-S 16QAM  | 21.18                     | 21.37                     | 27.26              | 27.45              | 33.01            |
| DFT-S 64QAM  | 20.16                     | 20.24                     | 26.24              | 26.32              | 33.01            |
| DFT-S 256QAM | 18.86                     | 19.05                     | 24.94              | 25.13              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

## 7.1.2 NR n5 SCS 15 kHz

### NR n5 SCS 15 kHz, Ant 0, Channel Bandwidth: 5 MHz

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|---------------|---------|-----------|-----------------------------------|-----------|-----------|
|               |         |           | CH 165300                         | CH 167300 | CH 169300 |
|               |         |           | 826.5 MHz                         | 836.5 MHz | 846.5 MHz |
| DFT-S BPSK    | 1       | 1         | 22.97                             | 22.99     | 22.96     |
| DFT-S QPSK    | 1       | 1         | 23.00                             | 23.06     | 23.06     |
|               | 1       | 13        | 22.94                             | 23.01     | 22.89     |
|               | 1       | 23        | 22.54                             | 22.80     | 22.74     |
|               | 12      | 0         | 22.51                             | 22.64     | 22.47     |
|               | 12      | 7         | 22.17                             | 22.40     | 22.30     |
|               | 12      | 13        | 22.06                             | 22.22     | 22.24     |
|               | 25      | 0         | 21.95                             | 22.21     | 22.19     |
| DFT-S 16 QAM  | 1       | 1         | 21.82                             | 21.88     | 21.85     |
| DFT-S 64 QAM  | 1       | 1         | 20.64                             | 20.76     | 20.63     |
| DFT-S 256 QAM | 1       | 1         | 19.49                             | 19.85     | 19.44     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.96                     | 22.99                     | 27.16             | 27.19             | 38.45           |
| DFT-S QPSK   | 21.95                     | 23.06                     | 26.15             | 27.26             | 38.45           |
| DFT-S 16QAM  | 21.82                     | 21.88                     | 26.02             | 26.08             | 38.45           |
| DFT-S 64QAM  | 20.63                     | 20.76                     | 24.83             | 24.96             | 38.45           |
| DFT-S 256QAM | 19.44                     | 19.85                     | 23.64             | 24.05             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15



**NR n5 SCS 15 kHz, Ant 0, Channel Bandwidth: 10 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|---------------|---------|-----------|-----------------------------------|-----------|-----------|
|               |         |           | CH 165800                         | CH 167300 | CH 168800 |
|               |         |           | 829 MHz                           | 836.5 MHz | 844 MHz   |
| DFT-S BPSK    | 1       | 1         | 22.91                             | 23.13     | 22.96     |
| DFT-S QPSK    | 1       | 1         | 23.00                             | 23.12     | 23.07     |
|               | 1       | 26        | 22.92                             | 23.00     | 22.95     |
|               | 1       | 50        | 22.63                             | 22.84     | 22.79     |
|               | 25      | 0         | 22.55                             | 22.56     | 22.57     |
|               | 25      | 14        | 22.19                             | 22.37     | 22.23     |
|               | 25      | 27        | 22.10                             | 22.26     | 22.17     |
|               | 50      | 0         | 21.90                             | 22.14     | 22.22     |
| DFT-S 16 QAM  | 1       | 1         | 21.75                             | 21.84     | 21.87     |
| DFT-S 64 QAM  | 1       | 1         | 20.53                             | 20.46     | 20.78     |
| DFT-S 256 QAM | 1       | 1         | 19.41                             | 19.49     | 19.60     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.91                     | 23.13                     | 27.11             | 27.33             | 38.45           |
| DFT-S QPSK   | 21.90                     | 23.12                     | 26.10             | 27.32             | 38.45           |
| DFT-S 16QAM  | 21.75                     | 21.87                     | 25.95             | 26.07             | 38.45           |
| DFT-S 64QAM  | 20.46                     | 20.78                     | 24.66             | 24.98             | 38.45           |
| DFT-S 256QAM | 19.41                     | 19.60                     | 23.61             | 23.80             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n5 SCS 15 kHz, Ant 0, Channel Bandwidth: 15 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 166300                         | CH 167300 | CH 168300 |
|              |         |           | 831.5 MHz                         | 836.5 MHz | 841.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.84                             | 23.12     | 23.04     |
| DFT-S QPSK   | 1       | 1         | 22.98                             | 23.11     | 23.07     |
|              | 1       | 40        | 22.86                             | 23.07     | 23.01     |
|              | 1       | 77        | 22.55                             | 22.74     | 22.74     |
|              | 36      | 0         | 22.57                             | 22.62     | 22.50     |
|              | 36      | 22        | 22.11                             | 22.33     | 22.24     |
|              | 36      | 43        | 22.07                             | 22.24     | 22.23     |
|              | 75      | 0         | 21.94                             | 22.23     | 22.26     |
| DFT-S 16 QAM | 1       | 1         | 21.77                             | 22.13     | 21.94     |
| DFT-S 64QAM  | 1       | 1         | 20.72                             | 21.12     | 20.78     |
| DFT-S 256QAM | 1       | 1         | 19.39                             | 20.03     | 19.76     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.84                     | 23.12                     | 27.04             | 27.32             | 38.45           |
| DFT-S QPSK   | 21.94                     | 23.11                     | 26.14             | 27.31             | 38.45           |
| DFT-S 16QAM  | 21.77                     | 22.13                     | 25.97             | 26.33             | 38.45           |
| DFT-S 64QAM  | 20.72                     | 21.12                     | 24.92             | 25.32             | 38.45           |
| DFT-S 256QAM | 19.39                     | 20.03                     | 23.59             | 24.23             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n5 SCS 15 kHz, Ant 0, Channel Bandwidth: 20 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 166800                         | CH 167300 | CH 167800 |
|              |         |           | 834 MHz                           | 836.5 MHz | 839 MHz   |
| DFT-S BPSK   | 1       | 1         | 23.01                             | 23.17     | 23.13     |
| DFT-S QPSK   | 1       | 1         | 23.08                             | 23.24     | 23.19     |
|              | 1       | 53        | 23.03                             | 23.12     | 23.07     |
|              | 1       | 104       | 22.69                             | 22.89     | 22.87     |
|              | 50      | 0         | 22.63                             | 22.69     | 22.62     |
|              | 50      | 28        | 22.28                             | 22.48     | 22.35     |
|              | 50      | 56        | 22.18                             | 22.33     | 22.34     |
|              | 100     | 0         | 22.07                             | 22.30     | 22.32     |
| DFT-S 16QAM  | 1       | 1         | 21.93                             | 22.22     | 22.09     |
| DFT-S 64QAM  | 1       | 1         | 20.77                             | 21.11     | 21.07     |
| DFT-S 256QAM | 1       | 1         | 19.46                             | 19.94     | 19.83     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 23.01                     | 23.17                     | 27.21             | 27.37             | 38.45           |
| DFT-S QPSK   | 22.07                     | 23.24                     | 26.27             | 27.44             | 38.45           |
| DFT-S 16QAM  | 21.93                     | 22.22                     | 26.13             | 26.42             | 38.45           |
| DFT-S 64QAM  | 20.77                     | 21.11                     | 24.97             | 25.31             | 38.45           |
| DFT-S 256QAM | 19.46                     | 19.94                     | 23.66             | 24.14             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

### 7.1.3 NR n14 SCS 15 kHz

#### NR n14 SCS 15 kHz, Ant 0, Channel Bandwidth: 5 MHz

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|---------------|---------|-----------|-----------------------------------|-----------|-----------|
|               |         |           | CH 158100                         | CH 158600 | CH 159100 |
|               |         |           | 790.5 MHz                         | 793 MHz   | 795.5 MHz |
| DFT-S BPSK    | 1       | 1         | 22.89                             | 22.83     | 22.87     |
| DFT-S QPSK    | 1       | 1         | 23.00                             | 22.97     | 22.95     |
|               | 1       | 13        | 22.81                             | 22.83     | 22.82     |
|               | 1       | 23        | 22.81                             | 22.83     | 22.82     |
|               | 12      | 0         | 21.81                             | 21.85     | 21.85     |
|               | 12      | 7         | 22.86                             | 22.79     | 22.85     |
|               | 12      | 13        | 21.87                             | 21.82     | 21.85     |
|               | 25      | 0         | 21.83                             | 21.78     | 21.77     |
| DFT-S 16 QAM  | 1       | 1         | 21.88                             | 21.87     | 21.72     |
| DFT-S 64 QAM  | 1       | 1         | 20.81                             | 20.68     | 20.60     |
| DFT-S 256 QAM | 1       | 1         | 19.70                             | 19.28     | 19.47     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.83                     | 22.89                     | 24.95             | 25.01             | 34.77           |
| DFT-S QPSK   | 21.77                     | 23.00                     | 23.89             | 25.12             | 34.77           |
| DFT-S 16QAM  | 21.72                     | 21.88                     | 23.84             | 24.00             | 34.77           |
| DFT-S 64QAM  | 20.60                     | 20.81                     | 22.72             | 22.93             | 34.77           |
| DFT-S 256QAM | 19.28                     | 19.70                     | 21.40             | 21.82             | 34.77           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n14 SCS 15 kHz, Ant 0, Channel Bandwidth: 10 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|---------------|---------|-----------|-----------------------------------|
|               |         |           | CH 158600                         |
|               |         |           | 793 MHz                           |
| DFT-S BPSK    | 1       | 1         | 22.99                             |
| DFT-S QPSK    | 1       | 1         | 23.05                             |
|               | 1       | 13        | 22.90                             |
|               | 1       | 23        | 22.92                             |
|               | 12      | 0         | 21.98                             |
|               | 12      | 7         | 22.97                             |
|               | 12      | 13        | 21.92                             |
|               | 25      | 0         | 21.90                             |
| DFT-S 16 QAM  | 1       | 1         | 21.85                             |
| DFT-S 64 QAM  | 1       | 1         | 20.68                             |
| DFT-S 256 QAM | 1       | 1         | 19.61                             |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.99                     | 22.99                     | 25.11             | 25.11             | 34.77           |
| DFT-S QPSK   | 21.90                     | 23.05                     | 24.02             | 25.17             | 34.77           |
| DFT-S 16QAM  | 21.85                     | 21.85                     | 23.97             | 23.97             | 34.77           |
| DFT-S 64QAM  | 20.68                     | 20.68                     | 22.80             | 22.80             | 34.77           |
| DFT-S 256QAM | 19.61                     | 19.61                     | 21.73             | 21.73             | 34.77           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

#### 7.1.4 NR n25 SCS 15 kHz

#### NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 5 MHz

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |            |
|---------------|---------|-----------|-----------------------------------|------------|------------|
|               |         |           | CH 370500                         | CH 376500  | CH 382500  |
|               |         |           | 1852.5 MHz                        | 1882.5 MHz | 1912.5 MHz |
| DFT-S BPSK    | 1       | 1         | 22.21                             | 22.31      | 22.25      |
| DFT-S QPSK    | 1       | 1         | 22.27                             | 22.27      | 22.31      |
|               | 1       | 13        | 22.10                             | 22.29      | 21.97      |
|               | 1       | 23        | 21.96                             | 22.01      | 21.88      |
|               | 12      | 0         | 21.76                             | 21.81      | 21.76      |
|               | 12      | 7         | 21.34                             | 21.60      | 21.65      |
|               | 12      | 13        | 21.48                             | 21.55      | 21.42      |
|               | 25      | 0         | 21.17                             | 21.25      | 21.37      |
| DFT-S 16 QAM  | 1       | 1         | 21.21                             | 21.12      | 21.26      |
| DFT-S 64 QAM  | 1       | 1         | 20.09                             | 19.77      | 19.98      |
| DFT-S 256 QAM | 1       | 1         | 19.00                             | 18.76      | 18.93      |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.21                     | 22.31                     | 28.29              | 28.39              | 33.01            |
| DFT-S QPSK   | 21.17                     | 22.31                     | 27.25              | 28.39              | 33.01            |
| DFT-S 16QAM  | 21.12                     | 21.26                     | 27.20              | 27.34              | 33.01            |
| DFT-S 64QAM  | 19.77                     | 20.09                     | 25.85              | 26.17              | 33.01            |
| DFT-S 256QAM | 18.76                     | 19.00                     | 24.84              | 25.08              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 10 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |           |
|---------------|---------|-----------|-----------------------------------|------------|-----------|
|               |         |           | CH 371000                         | CH 376500  | CH 382000 |
|               |         |           | 1855 MHz                          | 1882.5 MHz | 1910 MHz  |
| DFT-S BPSK    | 1       | 1         | 22.19                             | 22.35      | 22.28     |
| DFT-S QPSK    | 1       | 1         | 22.20                             | 22.36      | 22.28     |
|               | 1       | 26        | 22.11                             | 22.20      | 21.99     |
|               | 1       | 50        | 21.93                             | 22.04      | 21.85     |
|               | 25      | 0         | 21.82                             | 21.82      | 21.71     |
|               | 25      | 14        | 21.29                             | 21.47      | 21.64     |
|               | 25      | 27        | 21.49                             | 21.55      | 21.42     |
|               | 50      | 0         | 21.18                             | 21.21      | 21.49     |
| DFT-S 16 QAM  | 1       | 1         | 20.98                             | 21.36      | 21.00     |
| DFT-S 64 QAM  | 1       | 1         | 19.74                             | 20.24      | 19.75     |
| DFT-S 256 QAM | 1       | 1         | 18.58                             | 18.99      | 18.68     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.19                     | 22.35                     | 28.27              | 28.43              | 33.01            |
| DFT-S QPSK   | 21.18                     | 22.36                     | 27.26              | 28.44              | 33.01            |
| DFT-S 16QAM  | 20.98                     | 21.36                     | 27.06              | 27.44              | 33.01            |
| DFT-S 64QAM  | 19.74                     | 20.24                     | 25.82              | 26.32              | 33.01            |
| DFT-S 256QAM | 18.58                     | 18.99                     | 24.66              | 25.07              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 15 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |            |
|--------------|---------|-----------|-----------------------------------|------------|------------|
|              |         |           | CH 371500                         | CH 376500  | CH 381500  |
|              |         |           | 1857.5 MHz                        | 1882.5 MHz | 1907.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.15                             | 22.31      | 22.21      |
| DFT-S QPSK   | 1       | 1         | 22.23                             | 22.39      | 22.24      |
|              | 1       | 40        | 22.10                             | 22.28      | 22.06      |
|              | 1       | 77        | 21.90                             | 22.00      | 21.80      |
|              | 36      | 0         | 21.71                             | 21.77      | 21.71      |
|              | 36      | 22        | 21.39                             | 21.60      | 21.69      |
|              | 36      | 43        | 21.51                             | 21.49      | 21.50      |
|              | 75      | 0         | 21.20                             | 21.22      | 21.38      |
| DFT-S 16 QAM | 1       | 1         | 21.09                             | 21.22      | 21.23      |
| DFT-S 64QAM  | 1       | 1         | 20.07                             | 20.25      | 20.19      |
| DFT-S 256QAM | 1       | 1         | 19.06                             | 18.88      | 19.06      |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.15                     | 22.31                     | 28.23              | 28.39              | 33.01            |
| DFT-S QPSK   | 21.20                     | 22.39                     | 27.28              | 28.47              | 33.01            |
| DFT-S 16QAM  | 21.09                     | 21.23                     | 27.17              | 27.31              | 33.01            |
| DFT-S 64QAM  | 20.07                     | 20.25                     | 26.15              | 26.33              | 33.01            |
| DFT-S 256QAM | 18.88                     | 19.06                     | 24.96              | 25.14              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 20 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |           |
|--------------|---------|-----------|-----------------------------------|------------|-----------|
|              |         |           | CH 372000                         | CH 376500  | CH 381000 |
|              |         |           | 1860 MHz                          | 1882.5 MHz | 1905 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.20                             | 22.24      | 22.16     |
| DFT-S QPSK   | 1       | 1         | 22.25                             | 22.32      | 22.31     |
|              | 1       | 53        | 22.10                             | 22.27      | 21.99     |
|              | 1       | 104       | 21.86                             | 22.04      | 21.82     |
|              | 50      | 0         | 21.77                             | 21.75      | 21.78     |
|              | 50      | 28        | 21.26                             | 21.58      | 21.63     |
|              | 50      | 56        | 21.51                             | 21.57      | 21.40     |
|              | 100     | 0         | 21.14                             | 21.29      | 21.49     |
| DFT-S 16QAM  | 1       | 1         | 21.24                             | 21.24      | 21.19     |
| DFT-S 64QAM  | 1       | 1         | 20.16                             | 20.29      | 20.00     |
| DFT-S 256QAM | 1       | 1         | 19.03                             | 19.12      | 19.06     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.16                     | 22.24                     | 28.24              | 28.32              | 33.01            |
| DFT-S QPSK   | 21.14                     | 22.32                     | 27.22              | 28.40              | 33.01            |
| DFT-S 16QAM  | 21.19                     | 21.24                     | 27.27              | 27.32              | 33.01            |
| DFT-S 64QAM  | 20.00                     | 20.29                     | 26.08              | 26.37              | 33.01            |
| DFT-S 256QAM | 19.03                     | 19.12                     | 25.11              | 25.20              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 25 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |            |
|--------------|---------|-----------|-----------------------------------|------------|------------|
|              |         |           | CH 372500                         | CH 376500  | CH 380500  |
|              |         |           | 1862.5 MHz                        | 1882.5 MHz | 1902.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.21                             | 22.22      | 22.27      |
| DFT-S QPSK   | 1       | 1         | 22.19                             | 22.40      | 22.23      |
|              | 1       | 67        | 22.17                             | 22.21      | 22.02      |
|              | 1       | 127       | 21.87                             | 21.94      | 21.81      |
|              | 64      | 0         | 21.81                             | 21.76      | 21.72      |
|              | 64      | 35        | 21.36                             | 21.56      | 21.63      |
|              | 64      | 69        | 21.52                             | 21.50      | 21.42      |
|              | 128     | 0         | 21.21                             | 21.23      | 21.46      |
| DFT-S 16QAM  | 1       | 1         | 21.17                             | 21.30      | 21.22      |
| DFT-S 64QAM  | 1       | 1         | 20.09                             | 20.26      | 20.12      |
| DFT-S 256QAM | 1       | 1         | 19.11                             | 19.25      | 18.79      |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.21                     | 22.27                     | 28.29              | 28.35              | 33.01            |
| DFT-S QPSK   | 21.21                     | 22.40                     | 27.29              | 28.48              | 33.01            |
| DFT-S 16QAM  | 21.17                     | 21.30                     | 27.25              | 27.38              | 33.01            |
| DFT-S 64QAM  | 20.09                     | 20.26                     | 26.17              | 26.34              | 33.01            |
| DFT-S 256QAM | 18.79                     | 19.25                     | 24.87              | 25.33              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 30 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |           |
|--------------|---------|-----------|-----------------------------------|------------|-----------|
|              |         |           | CH 373000                         | CH 376500  | CH 380000 |
|              |         |           | 1865 MHz                          | 1882.5 MHz | 1900 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.10                             | 22.24      | 22.23     |
| DFT-S QPSK   | 1       | 1         | 22.18                             | 22.35      | 22.27     |
|              | 1       | 80        | 22.15                             | 22.30      | 22.09     |
|              | 1       | 158       | 21.98                             | 21.97      | 21.88     |
|              | 80      | 0         | 21.78                             | 21.78      | 21.76     |
|              | 80      | 40        | 21.31                             | 21.51      | 21.65     |
|              | 80      | 80        | 21.50                             | 21.48      | 21.47     |
|              | 160     | 0         | 21.15                             | 21.23      | 21.36     |
| DFT-S 16QAM  | 1       | 1         | 21.09                             | 21.10      | 21.25     |
| DFT-S 64QAM  | 1       | 1         | 19.83                             | 19.87      | 20.05     |
| DFT-S 256QAM | 1       | 1         | 18.85                             | 18.66      | 18.84     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.10                     | 22.24                     | 28.18              | 28.32              | 33.01            |
| DFT-S QPSK   | 21.15                     | 22.35                     | 27.23              | 28.43              | 33.01            |
| DFT-S 16QAM  | 21.09                     | 21.25                     | 27.17              | 27.33              | 33.01            |
| DFT-S 64QAM  | 19.83                     | 20.05                     | 25.91              | 26.13              | 33.01            |
| DFT-S 256QAM | 18.66                     | 18.85                     | 24.74              | 24.93              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n25 SCS 15 kHz, Ant 0, Channel Bandwidth: 40 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |            |           |
|--------------|---------|-----------|-----------------------------------|------------|-----------|
|              |         |           | CH 374000                         | CH 376500  | CH 379000 |
|              |         |           | 1870 MHz                          | 1882.5 MHz | 1895 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.28                             | 22.38      | 22.31     |
| DFT-S QPSK   | 1       | 1         | 22.36                             | 22.45      | 22.40     |
|              | 1       | 108       | 22.24                             | 22.35      | 22.15     |
|              | 1       | 214       | 22.04                             | 22.10      | 21.94     |
|              | 108     | 0         | 21.87                             | 21.93      | 21.86     |
|              | 108     | 54        | 21.44                             | 21.65      | 21.78     |
|              | 108     | 108       | 21.59                             | 21.63      | 21.57     |
|              | 216     | 0         | 21.32                             | 21.39      | 21.54     |
| DFT-S 16QAM  | 1       | 1         | 21.28                             | 21.45      | 21.11     |
| DFT-S 64QAM  | 1       | 1         | 20.19                             | 20.35      | 20.05     |
| DFT-S 256QAM | 1       | 1         | 18.99                             | 19.09      | 18.86     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.28                     | 22.38                     | 28.36              | 28.46              | 33.01            |
| DFT-S QPSK   | 21.32                     | 22.45                     | 27.40              | 28.53              | 33.01            |
| DFT-S 16QAM  | 21.11                     | 21.45                     | 27.19              | 27.53              | 33.01            |
| DFT-S 64QAM  | 20.05                     | 20.35                     | 26.13              | 26.43              | 33.01            |
| DFT-S 256QAM | 18.86                     | 19.09                     | 24.94              | 25.17              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

### 7.1.5 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

#### NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Ant 0, Channel Bandwidth: 5 MHz

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 163300                         | CH 163800 | CH 164300 |
|              |         |           | 816.5 MHz                         | 819 MHz   | 821.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.31                             | 22.31     | 22.3      |
| DFT-S QPSK   | 1       | 1         | 22.34                             | 22.4      | 22.3      |
|              | 1       | 53        | 22.35                             | 22.34     | 22.29     |
|              | 1       | 104       | 22.38                             | 22.38     | 22.35     |
|              | 50      | 0         | 21.77                             | 21.7      | 21.76     |
|              | 50      | 28        | 22.26                             | 22.22     | 22.29     |
|              | 50      | 56        | 21.87                             | 21.76     | 21.8      |
|              | 100     | 0         | 22.26                             | 22.29     | 22.23     |
| DFT-S 16QAM  | 1       | 1         | 21.28                             | 21.09     | 21.33     |
| DFT-S 64QAM  | 1       | 1         | 20.17                             | 19.94     | 20.24     |
| DFT-S 256QAM | 1       | 1         | 18.65                             | 18.36     | 18.59     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.30                     | 22.31                     | 24.78             | 24.79             | 50              |
| DFT-S QPSK   | 21.70                     | 22.40                     | 24.18             | 24.88             | 50              |
| DFT-S 16QAM  | 21.09                     | 21.33                     | 23.57             | 23.81             | 50              |
| DFT-S 64QAM  | 19.94                     | 20.24                     | 22.42             | 22.72             | 50              |
| DFT-S 256QAM | 18.36                     | 18.65                     | 20.84             | 21.13             | 50              |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Ant 0, Channel Bandwidth: 10 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|---------------|---------|-----------|-----------------------------------|
|               |         |           | CH 163800                         |
|               |         |           | 819 MHz                           |
| DFT-S BPSK    | 1       | 1         | 22.43                             |
| DFT-S QPSK    | 1       | 1         | 22.48                             |
|               | 1       | 13        | 22.45                             |
|               | 1       | 23        | 22.43                             |
|               | 12      | 0         | 21.82                             |
|               | 12      | 7         | 22.39                             |
|               | 12      | 13        | 21.92                             |
|               | 25      | 0         | 22.4                              |
| DFT-S 16 QAM  | 1       | 1         | 21.43                             |
| DFT-S 64 QAM  | 1       | 1         | 20.33                             |
| DFT-S 256 QAM | 1       | 1         | 18.69                             |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.43                     | 22.43                     | 24.91             | 24.91             | 50              |
| DFT-S QPSK   | 21.82                     | 22.48                     | 24.30             | 24.96             | 50              |
| DFT-S 16QAM  | 21.43                     | 21.43                     | 23.91             | 23.91             | 50              |
| DFT-S 64QAM  | 20.33                     | 20.33                     | 22.81             | 22.81             | 50              |
| DFT-S 256QAM | 18.69                     | 18.69                     | 21.17             | 21.17             | 50              |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Ant 0, Channel Bandwidth: 15 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|---------------|---------|-----------|-----------------------------------|
|               |         |           | CH 164300                         |
|               |         |           | 821.5 MHz                         |
| DFT-S BPSK    | 1       | 1         | 22.47                             |
| DFT-S QPSK    | 1       | 1         | 22.54                             |
|               | 1       | 40        | 22.51                             |
|               | 1       | 77        | 22.46                             |
|               | 36      | 0         | 21.87                             |
|               | 36      | 22        | 22.47                             |
|               | 36      | 43        | 21.94                             |
|               | 75      | 0         | 22.43                             |
| DFT-S 16 QAM  | 1       | 1         | 21.51                             |
| DFT-S 64 QAM  | 1       | 1         | 20.39                             |
| DFT-S 256 QAM | 1       | 1         | 19.20                             |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.47                     | 22.47                     | 24.95             | 24.95             | 50              |
| DFT-S QPSK   | 21.87                     | 22.54                     | 24.35             | 25.02             | 50              |
| DFT-S 16QAM  | 21.51                     | 21.51                     | 23.99             | 23.99             | 50              |
| DFT-S 64QAM  | 20.39                     | 20.39                     | 22.87             | 22.87             | 50              |
| DFT-S 256QAM | 19.20                     | 19.20                     | 21.68             | 21.68             | 50              |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Ant 0, Channel Bandwidth: 20 MHz**

| Modulation    | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|---------------|---------|-----------|-----------------------------------|
|               |         |           | CH 164800                         |
|               |         |           | 824 MHz                           |
| DFT-S BPSK    | 1       | 1         | 22.51                             |
| DFT-S QPSK    | 1       | 1         | 22.63                             |
|               | 1       | 53        | 22.58                             |
|               | 1       | 104       | 22.47                             |
|               | 50      | 0         | 21.92                             |
|               | 50      | 28        | 22.48                             |
|               | 50      | 56        | 22.05                             |
|               | 100     | 0         | 22.53                             |
| DFT-S 16 QAM  | 1       | 1         | 21.59                             |
| DFT-S 64 QAM  | 1       | 1         | 20.38                             |
| DFT-S 256 QAM | 1       | 1         | 19.22                             |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.51                     | 22.51                     | 24.99             | 24.99             | 50              |
| DFT-S QPSK   | 21.92                     | 22.63                     | 24.4              | 25.11             | 50              |
| DFT-S 16QAM  | 21.59                     | 21.59                     | 24.07             | 24.07             | 50              |
| DFT-S 64QAM  | 20.38                     | 20.38                     | 22.86             | 22.86             | 50              |
| DFT-S 256QAM | 19.22                     | 19.22                     | 21.7              | 21.7              | 50              |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15



### 7.1.6 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

#### NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Ant 0, Channel Bandwidth: 5 MHz

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 165300                         | CH 167300 | CH 169300 |
|              |         |           | 826.5 MHz                         | 836.5 MHz | 846.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.19                             | 22.26     | 22.15     |
| DFT-S QPSK   | 1       | 1         | 22.28                             | 22.36     | 22.22     |
|              | 1       | 53        | 22.20                             | 22.23     | 22.09     |
|              | 1       | 104       | 22.22                             | 22.23     | 22.21     |
|              | 50      | 0         | 21.73                             | 22.29     | 21.46     |
|              | 50      | 28        | 21.54                             | 21.80     | 21.51     |
|              | 50      | 56        | 21.23                             | 21.55     | 21.59     |
|              | 100     | 0         | 21.45                             | 21.41     | 21.63     |
| DFT-S 16QAM  | 1       | 1         | 21.03                             | 21.09     | 21.02     |
| DFT-S 64QAM  | 1       | 1         | 20.10                             | 20.11     | 19.80     |
| DFT-S 256QAM | 1       | 1         | 18.76                             | 19.06     | 18.82     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.15                     | 22.26                     | 24.63             | 24.74             | 38.45           |
| DFT-S QPSK   | 21.23                     | 22.36                     | 23.71             | 24.84             | 38.45           |
| DFT-S 16QAM  | 21.02                     | 21.09                     | 23.50             | 23.57             | 38.45           |
| DFT-S 64QAM  | 19.80                     | 20.11                     | 22.28             | 22.59             | 38.45           |
| DFT-S 256QAM | 18.76                     | 19.06                     | 21.24             | 21.54             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Ant 0, Channel Bandwidth: 10 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 165800                         | CH 167300 | CH 168800 |
|              |         |           | 829 MHz                           | 836.5 MHz | 844 MHz   |
| DFT-S BPSK   | 1       | 1         | 22.18                             | 22.23     | 22.09     |
| DFT-S QPSK   | 1       | 1         | 22.20                             | 22.23     | 22.24     |
|              | 1       | 53        | 22.09                             | 22.26     | 22.17     |
|              | 1       | 104       | 22.21                             | 22.13     | 22.20     |
|              | 50      | 0         | 21.70                             | 22.28     | 21.56     |
|              | 50      | 28        | 21.67                             | 21.70     | 21.52     |
|              | 50      | 56        | 21.29                             | 21.56     | 21.54     |
|              | 100     | 0         | 21.50                             | 21.37     | 21.66     |
| DFT-S 16QAM  | 1       | 1         | 21.03                             | 21.14     | 21.13     |
| DFT-S 64QAM  | 1       | 1         | 19.99                             | 20.06     | 20.00     |
| DFT-S 256QAM | 1       | 1         | 18.69                             | 18.99     | 18.76     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.09                     | 22.23                     | 24.57             | 24.71             | 38.45           |
| DFT-S QPSK   | 21.29                     | 22.28                     | 23.77             | 24.76             | 38.45           |
| DFT-S 16QAM  | 21.03                     | 21.14                     | 23.51             | 23.62             | 38.45           |
| DFT-S 64QAM  | 19.99                     | 20.06                     | 22.47             | 22.54             | 38.45           |
| DFT-S 256QAM | 18.69                     | 18.99                     | 21.17             | 21.47             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Ant 0, Channel Bandwidth: 15 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |           |           |
|--------------|---------|-----------|-----------------------------------|-----------|-----------|
|              |         |           | CH 166300                         | CH 167300 | CH 168300 |
|              |         |           | 831.5 MHz                         | 836.5 MHz | 841.5 MHz |
| DFT-S BPSK   | 1       | 1         | 22.28                             | 22.23     | 22.18     |
| DFT-S QPSK   | 1       | 1         | 22.27                             | 22.34     | 22.20     |
|              | 1       | 53        | 22.19                             | 22.28     | 22.11     |
|              | 1       | 104       | 22.19                             | 22.24     | 22.19     |
|              | 50      | 0         | 21.76                             | 22.23     | 21.48     |
|              | 50      | 28        | 21.59                             | 21.70     | 21.52     |
|              | 50      | 56        | 21.28                             | 21.50     | 21.62     |
|              | 100     | 0         | 21.46                             | 21.43     | 21.71     |
| DFT-S 16QAM  | 1       | 1         | 21.28                             | 21.17     | 21.25     |
| DFT-S 64QAM  | 1       | 1         | 20.18                             | 19.88     | 19.96     |
| DFT-S 256QAM | 1       | 1         | 19.19                             | 18.68     | 18.84     |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.18                     | 22.28                     | 24.66             | 24.76             | 38.45           |
| DFT-S QPSK   | 21.28                     | 22.34                     | 23.76             | 24.82             | 38.45           |
| DFT-S 16QAM  | 21.17                     | 21.28                     | 23.65             | 23.76             | 38.45           |
| DFT-S 64QAM  | 19.88                     | 20.18                     | 22.36             | 22.66             | 38.45           |
| DFT-S 256QAM | 18.68                     | 19.19                     | 21.16             | 21.67             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

**NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Ant 0, Channel Bandwidth: 20 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|--------------|---------|-----------|-----------------------------------|
|              |         |           | CH 167300                         |
|              |         |           | 836.5 MHz                         |
| DFT-S BPSK   | 1       | 1         | 22.31                             |
| DFT-S QPSK   | 1       | 1         | 22.41                             |
|              | 1       | 53        | 22.35                             |
|              | 1       | 104       | 22.29                             |
|              | 50      | 0         | 22.37                             |
|              | 50      | 28        | 21.85                             |
|              | 50      | 56        | 21.63                             |
|              | 100     | 0         | 21.50                             |
| DFT-S 16QAM  | 1       | 1         | 21.82                             |
| DFT-S 64QAM  | 1       | 1         | 22.05                             |
| DFT-S 256QAM | 1       | 1         | 20.26                             |

| Output Power |                           |                           |                   |                   |                 |
|--------------|---------------------------|---------------------------|-------------------|-------------------|-----------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum ERP (dBm) | Maximum ERP (dBm) | ERP Limit (dBm) |
| DFT-S BPSK   | 22.31                     | 22.31                     | 24.79             | 24.79             | 38.45           |
| DFT-S QPSK   | 21.50                     | 22.41                     | 23.98             | 24.89             | 38.45           |
| DFT-S 16QAM  | 21.82                     | 21.82                     | 24.30             | 24.30             | 38.45           |
| DFT-S 64QAM  | 22.05                     | 22.05                     | 24.53             | 24.53             | 38.45           |
| DFT-S 256QAM | 20.26                     | 20.26                     | 22.74             | 22.74             | 38.45           |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

ERP (dBm) = EIRP (dBm) - 2.15

### 7.1.7 NR n41 SCS 30 kHz

#### 1TX

#### NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 20 MHz

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 501204                         | CH 518598   | CH 535998   |
|              |         |           | 2506.02 MHz                       | 2592.99 MHz | 2679.99 MHz |
| DFT-S BPSK   | 1       | 1         | 25.68                             | 25.89       | 25.65       |
| DFT-S QPSK   | 1       | 1         | 25.75                             | 25.91       | 25.76       |
|              | 1       | 26        | 25.47                             | 25.64       | 25.49       |
|              | 1       | 49        | 25.09                             | 25.35       | 25.27       |
|              | 25      | 0         | 24.92                             | 25.30       | 24.94       |
|              | 25      | 13        | 25.17                             | 25.20       | 24.86       |
|              | 25      | 26        | 25.00                             | 25.14       | 24.74       |
|              | 50      | 0         | 25.07                             | 25.18       | 24.59       |
| DFT-S 16QAM  | 1       | 1         | 24.63                             | 24.73       | 24.65       |
| DFT-S 64QAM  | 1       | 1         | 23.52                             | 23.66       | 23.62       |
| DFT-S 256QAM | 1       | 1         | 22.24                             | 22.45       | 22.57       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.65                     | 25.89                     | 31.82              | 32.06              | 33.01            |
| DFT-S QPSK   | 24.59                     | 25.91                     | 30.76              | 32.08              | 33.01            |
| DFT-S 16QAM  | 24.63                     | 24.73                     | 30.8               | 30.9               | 33.01            |
| DFT-S 64QAM  | 23.52                     | 23.66                     | 29.69              | 29.83              | 33.01            |
| DFT-S 256QAM | 22.24                     | 22.57                     | 28.41              | 28.74              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 30 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 502200                         | CH 518598   | CH 534996   |
|              |         |           | 2511 MHz                          | 2592.99 MHz | 2674.98 MHz |
| DFT-S BPSK   | 1       | 1         | 25.73                             | 25.76       | 25.70       |
| DFT-S QPSK   | 1       | 1         | 25.78                             | 25.79       | 25.67       |
|              | 1       | 39        | 25.36                             | 25.64       | 25.54       |
|              | 1       | 76        | 25.15                             | 25.31       | 25.33       |
|              | 36      | 0         | 24.99                             | 25.24       | 25.06       |
|              | 36      | 21        | 25.16                             | 25.23       | 24.93       |
|              | 36      | 42        | 24.97                             | 25.18       | 24.83       |
|              | 75      | 0         | 25.10                             | 25.09       | 24.57       |
| DFT-S 16 QAM | 1       | 1         | 24.55                             | 24.94       | 24.50       |
| DFT-S 64QAM  | 1       | 1         | 23.25                             | 23.62       | 23.53       |
| DFT-S 256QAM | 1       | 1         | 22.02                             | 22.53       | 22.23       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.7                      | 25.76                     | 31.87              | 31.93              | 33.01            |
| DFT-S QPSK   | 24.57                     | 25.79                     | 30.74              | 31.96              | 33.01            |
| DFT-S 16QAM  | 24.5                      | 24.94                     | 30.67              | 31.11              | 33.01            |
| DFT-S 64QAM  | 23.25                     | 23.62                     | 29.42              | 29.79              | 33.01            |
| DFT-S 256QAM | 22.02                     | 22.53                     | 28.19              | 28.7               | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 40 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 503202                         | CH 518598   | CH 534000 |
|              |         |           | 2516.01 MHz                       | 2592.99 MHz | 2670 MHz  |
| DFT-S BPSK   | 1       | 1         | 25.74                             | 25.83       | 25.71     |
| DFT-S QPSK   | 1       | 1         | 25.73                             | 25.91       | 25.77     |
|              | 1       | 53        | 25.39                             | 25.68       | 25.53     |
|              | 1       | 104       | 25.21                             | 25.41       | 25.22     |
|              | 50      | 0         | 25.03                             | 25.28       | 25.04     |
|              | 50      | 28        | 25.15                             | 25.26       | 24.87     |
|              | 50      | 56        | 24.95                             | 25.15       | 24.86     |
|              | 100     | 0         | 25.05                             | 25.08       | 24.61     |
| DFT-S 16QAM  | 1       | 1         | 24.79                             | 24.82       | 24.68     |
| DFT-S 64QAM  | 1       | 1         | 23.68                             | 23.58       | 23.62     |
| DFT-S 256QAM | 1       | 1         | 22.51                             | 22.50       | 22.48     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.71                     | 25.83                     | 31.88              | 32                 | 33.01            |
| DFT-S QPSK   | 24.61                     | 25.91                     | 30.78              | 32.08              | 33.01            |
| DFT-S 16QAM  | 24.68                     | 24.82                     | 30.85              | 30.99              | 33.01            |
| DFT-S 64QAM  | 23.58                     | 23.68                     | 29.75              | 29.85              | 33.01            |
| DFT-S 256QAM | 22.48                     | 22.51                     | 28.65              | 28.68              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 50 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 504204                         | CH 518598   | CH 532998   |
|              |         |           | 2521.02 MHz                       | 2592.99 MHz | 2664.99 MHz |
| DFT-S BPSK   | 1       | 1         | 25.64                             | 25.82       | 25.62       |
| DFT-S QPSK   | 1       | 1         | 25.82                             | 25.87       | 25.79       |
|              | 1       | 67        | 25.43                             | 25.55       | 25.44       |
|              | 1       | 131       | 25.09                             | 25.33       | 25.21       |
|              | 64      | 0         | 25.04                             | 25.26       | 25.06       |
|              | 64      | 35        | 25.16                             | 25.18       | 24.91       |
|              | 64      | 69        | 24.99                             | 25.16       | 24.76       |
|              | 128     | 0         | 25.03                             | 25.10       | 24.60       |
| DFT-S 16QAM  | 1       | 1         | 24.59                             | 24.77       | 24.44       |
| DFT-S 64QAM  | 1       | 1         | 23.43                             | 23.43       | 23.48       |
| DFT-S 256QAM | 1       | 1         | 22.43                             | 22.26       | 22.37       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.62                     | 25.82                     | 31.79              | 31.99              | 33.01            |
| DFT-S QPSK   | 24.6                      | 25.87                     | 30.77              | 32.04              | 33.01            |
| DFT-S 16QAM  | 24.44                     | 24.77                     | 30.61              | 30.94              | 33.01            |
| DFT-S 64QAM  | 23.43                     | 23.48                     | 29.6               | 29.65              | 33.01            |
| DFT-S 256QAM | 22.26                     | 22.43                     | 28.43              | 28.6               | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 60 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 505200                         | CH 518598   | CH 531996   |
|              |         |           | 2526 MHz                          | 2592.99 MHz | 2659.98 MHz |
| DFT-S BPSK   | 1       | 1         | 25.69                             | 25.85       | 25.76       |
| DFT-S QPSK   | 1       | 1         | 25.72                             | 25.87       | 25.78       |
|              | 1       | 81        | 25.35                             | 25.61       | 25.42       |
|              | 1       | 160       | 25.13                             | 25.36       | 25.25       |
|              | 81      | 0         | 25.01                             | 25.28       | 24.95       |
|              | 81      | 41        | 25.13                             | 25.18       | 24.87       |
|              | 81      | 81        | 24.96                             | 25.15       | 24.86       |
|              | 162     | 0         | 25.07                             | 25.13       | 24.62       |
| DFT-S 16QAM  | 1       | 1         | 24.74                             | 24.74       | 24.61       |
| DFT-S 64QAM  | 1       | 1         | 23.62                             | 23.63       | 23.52       |
| DFT-S 256QAM | 1       | 1         | 22.54                             | 22.39       | 22.26       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.69                     | 25.85                     | 31.86              | 32.02              | 33.01            |
| DFT-S QPSK   | 24.62                     | 25.87                     | 30.79              | 32.04              | 33.01            |
| DFT-S 16QAM  | 24.61                     | 24.74                     | 30.78              | 30.91              | 33.01            |
| DFT-S 64QAM  | 23.52                     | 23.63                     | 29.69              | 29.8               | 33.01            |
| DFT-S 256QAM | 22.26                     | 22.54                     | 28.43              | 28.71              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 70 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 506202                         | CH 518598   | CH 531000 |
|              |         |           | 2531.01 MHz                       | 2592.99 MHz | 2655 MHz  |
| DFT-S BPSK   | 1       | 1         | 25.65                             | 25.83       | 25.63     |
| DFT-S QPSK   | 1       | 1         | 25.82                             | 25.88       | 25.74     |
|              | 1       | 95        | 25.36                             | 25.58       | 25.46     |
|              | 1       | 187       | 25.16                             | 25.40       | 25.20     |
|              | 90      | 0         | 24.98                             | 25.28       | 24.95     |
|              | 90      | 50        | 25.21                             | 25.22       | 24.82     |
|              | 90      | 99        | 25.08                             | 25.16       | 24.76     |
|              | 180     | 0         | 25.03                             | 25.19       | 24.57     |
| DFT-S 16QAM  | 1       | 1         | 24.53                             | 24.71       | 24.67     |
| DFT-S 64QAM  | 1       | 1         | 23.20                             | 23.80       | 23.74     |
| DFT-S 256QAM | 1       | 1         | 21.89                             | 22.54       | 22.53     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.63                     | 25.83                     | 31.8               | 32                 | 33.01            |
| DFT-S QPSK   | 24.57                     | 25.88                     | 30.74              | 32.05              | 33.01            |
| DFT-S 16QAM  | 24.53                     | 24.71                     | 30.7               | 30.88              | 33.01            |
| DFT-S 64QAM  | 23.2                      | 23.8                      | 29.37              | 29.97              | 33.01            |
| DFT-S 256QAM | 21.89                     | 22.54                     | 28.06              | 28.71              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 80 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 507204                         | CH 518598   | CH 529998   |
|              |         |           | 2536.02 MHz                       | 2592.99 MHz | 2649.99 MHz |
| DFT-S BPSK   | 1       | 1         | 25.69                             | 25.77       | 25.68       |
| DFT-S QPSK   | 1       | 1         | 25.82                             | 25.91       | 25.67       |
|              | 1       | 109       | 25.38                             | 25.63       | 25.46       |
|              | 1       | 215       | 25.21                             | 25.40       | 25.29       |
|              | 108     | 0         | 25.03                             | 25.18       | 24.97       |
|              | 108     | 55        | 25.24                             | 25.22       | 24.92       |
|              | 108     | 109       | 24.99                             | 25.18       | 24.74       |
|              | 216     | 0         | 25.02                             | 25.08       | 24.63       |
| DFT-S 16QAM  | 1       | 1         | 24.62                             | 24.87       | 24.56       |
| DFT-S 64QAM  | 1       | 1         | 23.18                             | 23.75       | 23.33       |
| DFT-S 256QAM | 1       | 1         | 22.17                             | 22.52       | 22.20       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.68                     | 25.77                     | 31.85              | 31.94              | 33.01            |
| DFT-S QPSK   | 24.63                     | 25.91                     | 30.8               | 32.08              | 33.01            |
| DFT-S 16QAM  | 24.56                     | 24.87                     | 30.73              | 31.04              | 33.01            |
| DFT-S 64QAM  | 23.18                     | 23.75                     | 29.35              | 29.92              | 33.01            |
| DFT-S 256QAM | 22.17                     | 22.52                     | 28.34              | 28.69              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 90 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 508200                         | CH 518598   | CH 528996   |
|              |         |           | 2541 MHz                          | 2592.99 MHz | 2644.98 MHz |
| DFT-S BPSK   | 1       | 1         | 25.71                             | 25.76       | 25.65       |
| DFT-S QPSK   | 1       | 1         | 25.77                             | 25.80       | 25.66       |
|              | 1       | 123       | 25.47                             | 25.56       | 25.49       |
|              | 1       | 243       | 25.21                             | 25.41       | 25.26       |
|              | 120     | 0         | 25.04                             | 25.22       | 24.98       |
|              | 120     | 63        | 25.17                             | 25.17       | 24.88       |
|              | 120     | 125       | 25.08                             | 25.15       | 24.76       |
|              | 243     | 0         | 25.10                             | 25.08       | 24.60       |
| DFT-S 16QAM  | 1       | 1         | 24.59                             | 24.75       | 24.66       |
| DFT-S 64QAM  | 1       | 1         | 23.22                             | 23.56       | 23.52       |
| DFT-S 256QAM | 1       | 1         | 22.15                             | 22.58       | 22.57       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.65                     | 25.76                     | 31.82              | 31.93              | 33.01            |
| DFT-S QPSK   | 24.6                      | 25.8                      | 30.77              | 31.97              | 33.01            |
| DFT-S 16QAM  | 24.59                     | 24.75                     | 30.76              | 30.92              | 33.01            |
| DFT-S 64QAM  | 23.22                     | 23.56                     | 29.39              | 29.73              | 33.01            |
| DFT-S 256QAM | 22.15                     | 22.58                     | 28.32              | 28.75              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Ant 3, Channel Bandwidth: 100 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 509202                         | CH 518598   | CH 528000 |
|              |         |           | 2546.01 MHz                       | 2592.99 MHz | 2640 MHz  |
| DFT-S BPSK   | 1       | 1         | 25.81                             | 25.93       | 25.76     |
| DFT-S QPSK   | 1       | 1         | 25.88                             | 25.97       | 25.84     |
|              | 1       | 137       | 25.52                             | 25.73       | 25.60     |
|              | 1       | 271       | 25.27                             | 25.49       | 25.38     |
|              | 135     | 0         | 25.09                             | 25.36       | 25.11     |
|              | 135     | 69        | 25.29                             | 25.33       | 24.98     |
|              | 135     | 138       | 25.13                             | 25.26       | 24.91     |
|              | 270     | 0         | 25.17                             | 25.24       | 24.68     |
| DFT-S 16QAM  | 1       | 1         | 24.66                             | 24.77       | 24.68     |
| DFT-S 64QAM  | 1       | 1         | 23.45                             | 23.61       | 23.49     |
| DFT-S 256QAM | 1       | 1         | 22.28                             | 22.57       | 22.49     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 25.76                     | 25.93                     | 31.93              | 32.1               | 33.01            |
| DFT-S QPSK   | 24.68                     | 25.97                     | 30.85              | 32.14              | 33.01            |
| DFT-S 16QAM  | 24.66                     | 24.77                     | 30.83              | 30.94              | 33.01            |
| DFT-S 64QAM  | 23.45                     | 23.61                     | 29.62              | 29.78              | 33.01            |
| DFT-S 256QAM | 22.28                     | 22.57                     | 28.45              | 28.74              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 20 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 501204                         | CH 518598   | CH 535998   |
|              |         |           | 2506.02 MHz                       | 2592.99 MHz | 2679.99 MHz |
| DFT-S BPSK   | 1       | 1         | 22.47                             | 22.49       | 22.39       |
| DFT-S QPSK   | 1       | 1         | 22.53                             | 22.60       | 22.44       |
|              | 1       | 26        | 22.32                             | 22.40       | 22.20       |
|              | 1       | 49        | 22.20                             | 22.24       | 22.16       |
|              | 25      | 0         | 22.15                             | 22.01       | 22.08       |
|              | 25      | 13        | 19.95                             | 21.79       | 21.91       |
|              | 25      | 26        | 21.73                             | 21.77       | 21.82       |
|              | 50      | 0         | 21.46                             | 21.73       | 21.51       |
| DFT-S 16QAM  | 1       | 1         | 21.19                             | 21.51       | 21.41       |
| DFT-S 64QAM  | 1       | 1         | 20.03                             | 20.41       | 20.21       |
| DFT-S 256QAM | 1       | 1         | 18.85                             | 19.01       | 18.88       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.39                     | 22.49                     | 28.56              | 28.66              | 33.01            |
| DFT-S QPSK   | 19.95                     | 22.6                      | 26.12              | 28.77              | 33.01            |
| DFT-S 16QAM  | 21.19                     | 21.51                     | 27.36              | 27.68              | 33.01            |
| DFT-S 64QAM  | 20.03                     | 20.41                     | 26.2               | 26.58              | 33.01            |
| DFT-S 256QAM | 18.85                     | 19.01                     | 25.02              | 25.18              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 30 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 502200                         | CH 518598   | CH 534996   |
|              |         |           | 2511 MHz                          | 2592.99 MHz | 2674.98 MHz |
| DFT-S BPSK   | 1       | 1         | 22.51                             | 22.54       | 22.39       |
| DFT-S QPSK   | 1       | 1         | 22.53                             | 22.55       | 22.44       |
|              | 1       | 39        | 22.26                             | 22.34       | 22.17       |
|              | 1       | 76        | 22.27                             | 22.26       | 22.14       |
|              | 36      | 0         | 22.09                             | 21.98       | 22.02       |
|              | 36      | 21        | 19.98                             | 21.81       | 21.94       |
|              | 36      | 42        | 21.79                             | 21.76       | 21.79       |
|              | 75      | 0         | 21.52                             | 21.70       | 21.54       |
| DFT-S 16 QAM | 1       | 1         | 21.56                             | 21.58       | 21.39       |
| DFT-S 64QAM  | 1       | 1         | 20.33                             | 20.55       | 20.41       |
| DFT-S 256QAM | 1       | 1         | 19.26                             | 19.33       | 19.17       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.39                     | 22.54                     | 28.56              | 28.71              | 33.01            |
| DFT-S QPSK   | 19.98                     | 22.55                     | 26.15              | 28.72              | 33.01            |
| DFT-S 16QAM  | 21.39                     | 21.58                     | 27.56              | 27.75              | 33.01            |
| DFT-S 64QAM  | 20.33                     | 20.55                     | 26.5               | 26.72              | 33.01            |
| DFT-S 256QAM | 19.17                     | 19.33                     | 25.34              | 25.5               | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 40 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 503202                         | CH 518598   | CH 534000 |
|              |         |           | 2516.01 MHz                       | 2592.99 MHz | 2670 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.48                             | 22.54       | 22.37     |
| DFT-S QPSK   | 1       | 1         | 22.58                             | 22.62       | 22.54     |
|              | 1       | 53        | 22.29                             | 22.41       | 22.21     |
|              | 1       | 104       | 22.25                             | 22.27       | 22.04     |
|              | 50      | 0         | 22.10                             | 22.07       | 22.03     |
|              | 50      | 28        | 19.85                             | 21.87       | 21.91     |
|              | 50      | 56        | 21.71                             | 21.79       | 21.74     |
|              | 100     | 0         | 21.50                             | 21.64       | 21.58     |
| DFT-S 16QAM  | 1       | 1         | 21.23                             | 21.37       | 21.15     |
| DFT-S 64QAM  | 1       | 1         | 19.98                             | 20.14       | 20.21     |
| DFT-S 256QAM | 1       | 1         | 18.97                             | 19.08       | 19.04     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.37                     | 22.54                     | 28.54              | 28.71              | 33.01            |
| DFT-S QPSK   | 19.85                     | 22.62                     | 26.02              | 28.79              | 33.01            |
| DFT-S 16QAM  | 21.15                     | 21.37                     | 27.32              | 27.54              | 33.01            |
| DFT-S 64QAM  | 19.98                     | 20.21                     | 26.15              | 26.38              | 33.01            |
| DFT-S 256QAM | 18.97                     | 19.08                     | 25.14              | 25.25              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 50 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 504204                         | CH 518598   | CH 532998   |
|              |         |           | 2521.02 MHz                       | 2592.99 MHz | 2664.99 MHz |
| DFT-S BPSK   | 1       | 1         | 22.42                             | 22.52       | 22.39       |
| DFT-S QPSK   | 1       | 1         | 22.50                             | 22.52       | 22.47       |
|              | 1       | 67        | 22.31                             | 22.33       | 22.15       |
|              | 1       | 131       | 22.28                             | 22.25       | 22.12       |
|              | 64      | 0         | 22.10                             | 22.10       | 22.08       |
|              | 64      | 35        | 19.93                             | 21.89       | 21.92       |
|              | 64      | 69        | 21.74                             | 21.79       | 21.86       |
|              | 128     | 0         | 21.51                             | 21.62       | 21.58       |
| DFT-S 16QAM  | 1       | 1         | 21.29                             | 21.49       | 21.34       |
| DFT-S 64QAM  | 1       | 1         | 20.32                             | 20.35       | 20.12       |
| DFT-S 256QAM | 1       | 1         | 18.95                             | 19.17       | 18.88       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.39                     | 22.52                     | 28.56              | 28.69              | 33.01            |
| DFT-S QPSK   | 19.93                     | 22.52                     | 26.1               | 28.69              | 33.01            |
| DFT-S 16QAM  | 21.29                     | 21.49                     | 27.46              | 27.66              | 33.01            |
| DFT-S 64QAM  | 20.12                     | 20.35                     | 26.29              | 26.52              | 33.01            |
| DFT-S 256QAM | 18.88                     | 19.17                     | 25.05              | 25.34              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 60 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 505200                         | CH 518598   | CH 531996   |
|              |         |           | 2526 MHz                          | 2592.99 MHz | 2659.98 MHz |
| DFT-S BPSK   | 1       | 1         | 22.50                             | 22.46       | 22.48       |
| DFT-S QPSK   | 1       | 1         | 22.56                             | 22.61       | 22.45       |
|              | 1       | 81        | 22.36                             | 22.43       | 22.20       |
|              | 1       | 160       | 22.20                             | 22.27       | 22.16       |
|              | 81      | 0         | 22.07                             | 22.10       | 22.08       |
|              | 81      | 41        | 19.92                             | 21.79       | 21.87       |
|              | 81      | 81        | 21.75                             | 21.80       | 21.73       |
|              | 162     | 0         | 21.54                             | 21.70       | 21.55       |
| DFT-S 16QAM  | 1       | 1         | 21.21                             | 21.43       | 21.25       |
| DFT-S 64QAM  | 1       | 1         | 20.15                             | 20.39       | 20.21       |
| DFT-S 256QAM | 1       | 1         | 19.16                             | 19.12       | 19.15       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.46                     | 22.5                      | 28.63              | 28.67              | 33.01            |
| DFT-S QPSK   | 19.92                     | 22.61                     | 26.09              | 28.78              | 33.01            |
| DFT-S 16QAM  | 21.21                     | 21.43                     | 27.38              | 27.6               | 33.01            |
| DFT-S 64QAM  | 20.15                     | 20.39                     | 26.32              | 26.56              | 33.01            |
| DFT-S 256QAM | 19.12                     | 19.16                     | 25.29              | 25.33              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 70 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 506202                         | CH 518598   | CH 531000 |
|              |         |           | 2531.01 MHz                       | 2592.99 MHz | 2655 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.42                             | 22.47       | 22.35     |
| DFT-S QPSK   | 1       | 1         | 22.53                             | 22.55       | 22.49     |
|              | 1       | 95        | 22.31                             | 22.41       | 22.16     |
|              | 1       | 187       | 22.30                             | 22.23       | 22.14     |
|              | 90      | 0         | 22.11                             | 22.09       | 21.96     |
|              | 90      | 50        | 19.90                             | 21.88       | 21.90     |
|              | 90      | 99        | 21.69                             | 21.77       | 21.83     |
|              | 180     | 0         | 21.55                             | 21.65       | 21.54     |
| DFT-S 16QAM  | 1       | 1         | 21.50                             | 21.40       | 21.33     |
| DFT-S 64QAM  | 1       | 1         | 20.42                             | 20.13       | 20.13     |
| DFT-S 256QAM | 1       | 1         | 19.17                             | 19.01       | 19.24     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.35                     | 22.47                     | 28.52              | 28.64              | 33.01            |
| DFT-S QPSK   | 19.9                      | 22.55                     | 26.07              | 28.72              | 33.01            |
| DFT-S 16QAM  | 21.33                     | 21.5                      | 27.5               | 27.67              | 33.01            |
| DFT-S 64QAM  | 20.13                     | 20.42                     | 26.3               | 26.59              | 33.01            |
| DFT-S 256QAM | 19.01                     | 19.24                     | 25.18              | 25.41              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 80 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 507204                         | CH 518598   | CH 529998   |
|              |         |           | 2536.02 MHz                       | 2592.99 MHz | 2649.99 MHz |
| DFT-S BPSK   | 1       | 1         | 22.52                             | 22.41       | 22.37       |
| DFT-S QPSK   | 1       | 1         | 22.47                             | 22.53       | 22.54       |
|              | 1       | 109       | 22.29                             | 22.41       | 22.13       |
|              | 1       | 215       | 22.26                             | 22.27       | 22.15       |
|              | 108     | 0         | 22.15                             | 22.04       | 22.00       |
|              | 108     | 55        | 19.92                             | 21.86       | 21.90       |
|              | 108     | 109       | 21.77                             | 21.71       | 21.73       |
|              | 216     | 0         | 21.49                             | 21.64       | 21.53       |
| DFT-S 16QAM  | 1       | 1         | 21.48                             | 21.38       | 21.20       |
| DFT-S 64QAM  | 1       | 1         | 20.48                             | 20.34       | 19.99       |
| DFT-S 256QAM | 1       | 1         | 19.22                             | 19.41       | 18.89       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.37                     | 22.52                     | 28.54              | 28.69              | 33.01            |
| DFT-S QPSK   | 19.92                     | 22.54                     | 26.09              | 28.71              | 33.01            |
| DFT-S 16QAM  | 21.2                      | 21.48                     | 27.37              | 27.65              | 33.01            |
| DFT-S 64QAM  | 19.99                     | 20.48                     | 26.16              | 26.65              | 33.01            |
| DFT-S 256QAM | 18.89                     | 19.41                     | 25.06              | 25.58              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 90 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|--------------|---------|-----------|-----------------------------------|-------------|-------------|
|              |         |           | CH 508200                         | CH 518598   | CH 528996   |
|              |         |           | 2541 MHz                          | 2592.99 MHz | 2644.98 MHz |
| DFT-S BPSK   | 1       | 1         | 22.51                             | 22.53       | 22.33       |
| DFT-S QPSK   | 1       | 1         | 22.55                             | 22.62       | 22.42       |
|              | 1       | 123       | 22.29                             | 22.44       | 22.19       |
|              | 1       | 243       | 22.24                             | 22.36       | 22.13       |
|              | 120     | 0         | 22.19                             | 22.02       | 21.99       |
|              | 120     | 63        | 19.96                             | 21.78       | 21.90       |
|              | 120     | 125       | 21.75                             | 21.80       | 21.86       |
|              | 243     | 0         | 21.49                             | 21.71       | 21.57       |
| DFT-S 16QAM  | 1       | 1         | 21.36                             | 21.53       | 21.35       |
| DFT-S 64QAM  | 1       | 1         | 20.07                             | 20.41       | 20.34       |
| DFT-S 256QAM | 1       | 1         | 19.06                             | 19.28       | 19.34       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.33                     | 22.53                     | 28.5               | 28.7               | 33.01            |
| DFT-S QPSK   | 19.96                     | 22.62                     | 26.13              | 28.79              | 33.01            |
| DFT-S 16QAM  | 21.35                     | 21.53                     | 27.52              | 27.7               | 33.01            |
| DFT-S 64QAM  | 20.07                     | 20.41                     | 26.24              | 26.58              | 33.01            |
| DFT-S 256QAM | 19.06                     | 19.34                     | 25.23              | 25.51              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Ant 3, Channel Bandwidth: 100 MHz**

| Modulation   | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|--------------|---------|-----------|-----------------------------------|-------------|-----------|
|              |         |           | CH 509202                         | CH 518598   | CH 528000 |
|              |         |           | 2546.01 MHz                       | 2592.99 MHz | 2640 MHz  |
| DFT-S BPSK   | 1       | 1         | 22.56                             | 22.59       | 22.55     |
| DFT-S QPSK   | 1       | 1         | 22.65                             | 22.67       | 22.59     |
|              | 1       | 137       | 22.43                             | 22.50       | 22.31     |
|              | 1       | 271       | 22.35                             | 22.41       | 22.21     |
|              | 135     | 0         | 22.24                             | 22.16       | 22.13     |
|              | 135     | 69        | 20.03                             | 21.95       | 22.00     |
|              | 135     | 138       | 21.86                             | 21.88       | 21.91     |
|              | 270     | 0         | 21.64                             | 21.78       | 21.68     |
| DFT-S 16QAM  | 1       | 1         | 21.61                             | 21.37       | 21.60     |
| DFT-S 64QAM  | 1       | 1         | 20.56                             | 20.09       | 20.43     |
| DFT-S 256QAM | 1       | 1         | 19.32                             | 18.82       | 19.29     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| DFT-S BPSK   | 22.55                     | 22.59                     | 28.72              | 28.76              | 33.01            |
| DFT-S QPSK   | 20.03                     | 22.67                     | 26.2               | 28.84              | 33.01            |
| DFT-S 16QAM  | 21.37                     | 21.61                     | 27.54              | 27.78              | 33.01            |
| DFT-S 64QAM  | 20.09                     | 20.56                     | 26.26              | 26.73              | 33.01            |
| DFT-S 256QAM | 18.82                     | 19.32                     | 24.99              | 25.49              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

## 2TX

### NR n41 SCS 30 kHz PC2, Channel Bandwidth: 20 MHz

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 501204                         |       |       | CH 518598   |       |       | CH 535998   |       |       |
|            |         |           | 2506.02 MHz                       |       |       | 2592.99 MHz |       |       | 2679.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.17                             | 21.85 | 25.02 | 22.06       | 21.82 | 24.95 | 22.01       | 21.95 | 24.99 |
|            | 1       | 26        | 21.69                             | 21.59 | 24.65 | 21.75       | 21.72 | 24.75 | 21.60       | 21.65 | 24.64 |
|            | 1       | 49        | 21.56                             | 21.46 | 24.52 | 21.59       | 21.44 | 24.53 | 21.60       | 21.58 | 24.60 |
|            | 25      | 0         | 21.97                             | 21.43 | 24.72 | 22.00       | 21.53 | 24.78 | 22.17       | 21.78 | 24.99 |
|            | 25      | 13        | 21.89                             | 21.58 | 24.75 | 21.71       | 21.68 | 24.71 | 21.77       | 21.56 | 24.68 |
|            | 25      | 26        | 21.59                             | 21.39 | 24.50 | 21.39       | 21.33 | 24.37 | 21.65       | 21.38 | 24.53 |
|            | 50      | 0         | 21.76                             | 21.73 | 24.76 | 21.73       | 21.53 | 24.64 | 21.71       | 21.61 | 24.67 |
| 16QAM      | 1       | 1         | 22.33                             | 21.48 | 24.94 | 22.2        | 21.52 | 24.88 | 22.3        | 21.57 | 24.96 |
| 64QAM      | 1       | 1         | 21.9                              | 21.64 | 24.78 | 21.82       | 21.45 | 24.65 | 21.89       | 21.48 | 24.70 |
| 256QAM     | 1       | 1         | 21.89                             | 21.45 | 24.69 | 21.79       | 21.48 | 24.65 | 21.9        | 21.39 | 24.66 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.37                     | 25.02                     | 30.54              | 31.19              | 33.01            |
| 16QAM        | 24.88                     | 24.96                     | 31.05              | 31.13              | 33.01            |
| 64QAM        | 24.65                     | 24.78                     | 30.82              | 30.95              | 33.01            |
| 256QAM       | 24.65                     | 24.69                     | 30.82              | 30.86              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 502200                         |       |       | CH 518598   |       |       | CH 534996   |       |       |
|            |         |           | 2511 MHz                          |       |       | 2592.99 MHz |       |       | 2674.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.20                             | 21.84 | 25.03 | 22.06       | 21.77 | 24.93 | 22.06       | 21.94 | 25.01 |
|            | 1       | 39        | 21.66                             | 21.66 | 24.67 | 21.80       | 21.73 | 24.78 | 21.69       | 21.62 | 24.67 |
|            | 1       | 76        | 21.52                             | 21.53 | 24.54 | 21.57       | 21.48 | 24.54 | 21.63       | 21.58 | 24.62 |
|            | 36      | 0         | 21.95                             | 21.47 | 24.73 | 21.99       | 21.61 | 24.81 | 22.18       | 21.79 | 25.00 |
|            | 36      | 21        | 21.87                             | 21.67 | 24.78 | 21.70       | 21.61 | 24.67 | 21.83       | 21.50 | 24.68 |
|            | 36      | 42        | 21.61                             | 21.33 | 24.48 | 21.48       | 21.42 | 24.46 | 21.59       | 21.41 | 24.51 |
|            | 75      | 0         | 21.72                             | 21.63 | 24.69 | 21.74       | 21.48 | 24.62 | 21.62       | 21.64 | 24.64 |
| 16QAM      | 1       | 1         | 22.37                             | 21.42 | 24.93 | 22.2        | 21.43 | 24.84 | 22.3        | 21.52 | 24.94 |
| 64QAM      | 1       | 1         | 21.89                             | 21.54 | 24.73 | 21.85       | 21.45 | 24.66 | 21.91       | 21.4  | 24.67 |
| 256QAM     | 1       | 1         | 21.86                             | 21.39 | 24.64 | 21.82       | 21.48 | 24.66 | 21.9        | 21.41 | 24.67 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.46                     | 25.03                     | 30.63              | 31.2               | 33.01            |
| 16QAM        | 24.84                     | 24.94                     | 31.01              | 31.11              | 33.01            |
| 64QAM        | 24.66                     | 24.73                     | 30.83              | 30.9               | 33.01            |
| 256QAM       | 24.64                     | 24.67                     | 30.81              | 30.84              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 503202                         |       |       | CH 518598   |       |       | CH 534000 |       |       |
|            |         |           | 2516.01 MHz                       |       |       | 2592.99 MHz |       |       | 2670 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 22.18                             | 21.82 | 25.01 | 22.07       | 21.85 | 24.97 | 22.05     | 21.89 | 24.98 |
|            | 1       | 53        | 21.63                             | 21.60 | 24.63 | 21.79       | 21.74 | 24.78 | 21.61     | 21.69 | 24.66 |
|            | 1       | 104       | 21.55                             | 21.53 | 24.55 | 21.64       | 21.41 | 24.54 | 21.69     | 21.56 | 24.64 |
|            | 50      | 0         | 21.95                             | 21.46 | 24.72 | 21.89       | 21.53 | 24.72 | 22.20     | 21.78 | 25.01 |
|            | 50      | 28        | 21.93                             | 21.64 | 24.80 | 21.80       | 21.59 | 24.71 | 21.84     | 21.49 | 24.68 |
|            | 50      | 56        | 21.54                             | 21.41 | 24.49 | 21.44       | 21.37 | 24.42 | 21.65     | 21.29 | 24.48 |
|            | 100     | 0         | 21.75                             | 21.71 | 24.74 | 21.74       | 21.50 | 24.63 | 21.70     | 21.62 | 24.67 |
| 16QAM      | 1       | 1         | 22.38                             | 21.47 | 24.96 | 22.17       | 21.52 | 24.87 | 22.33     | 21.56 | 24.97 |
| 64QAM      | 1       | 1         | 21.89                             | 21.62 | 24.77 | 21.94       | 21.48 | 24.73 | 21.87     | 21.49 | 24.69 |
| 256QAM     | 1       | 1         | 21.84                             | 21.48 | 24.67 | 21.83       | 21.53 | 24.69 | 21.85     | 21.4  | 24.64 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.42                     | 25.01                     | 30.59              | 31.18              | 33.01            |
| 16QAM        | 24.87                     | 24.97                     | 31.04              | 31.14              | 33.01            |
| 64QAM        | 24.69                     | 24.77                     | 30.86              | 30.94              | 33.01            |
| 256QAM       | 24.64                     | 24.69                     | 30.81              | 30.86              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 504204                         |       |       | CH 518598   |       |       | CH 532998   |       |       |
|            |         |           | 2521.02 MHz                       |       |       | 2592.99 MHz |       |       | 2664.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.09                             | 21.82 | 24.97 | 22.10       | 21.85 | 24.99 | 21.98       | 21.87 | 24.94 |
|            | 1       | 67        | 21.73                             | 21.65 | 24.70 | 21.74       | 21.74 | 24.75 | 21.58       | 21.66 | 24.63 |
|            | 1       | 131       | 21.58                             | 21.55 | 24.58 | 21.54       | 21.44 | 24.50 | 21.65       | 21.66 | 24.67 |
|            | 64      | 0         | 21.95                             | 21.44 | 24.71 | 21.94       | 21.59 | 24.78 | 22.19       | 21.68 | 24.95 |
|            | 64      | 35        | 21.85                             | 21.61 | 24.74 | 21.73       | 21.66 | 24.71 | 21.81       | 21.50 | 24.67 |
|            | 64      | 69        | 21.54                             | 21.34 | 24.45 | 21.48       | 21.39 | 24.45 | 21.58       | 21.31 | 24.46 |
|            | 128     | 0         | 21.80                             | 21.71 | 24.77 | 21.68       | 21.46 | 24.58 | 21.72       | 21.61 | 24.68 |
| 16QAM      | 1       | 1         | 22.3                              | 21.5  | 24.93 | 22.22       | 21.49 | 24.88 | 22.33       | 21.62 | 25.00 |
| 64QAM      | 1       | 1         | 21.96                             | 21.61 | 24.80 | 21.91       | 21.5  | 24.72 | 21.85       | 21.49 | 24.68 |
| 256QAM     | 1       | 1         | 21.88                             | 21.38 | 24.65 | 21.73       | 21.51 | 24.63 | 21.85       | 21.5  | 24.69 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.45                     | 24.99                     | 30.62              | 31.16              | 33.01            |
| 16QAM        | 24.88                     | 25                        | 31.05              | 31.17              | 33.01            |
| 64QAM        | 24.68                     | 24.8                      | 30.85              | 30.97              | 33.01            |
| 256QAM       | 24.63                     | 24.69                     | 30.8               | 30.86              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 505200                         |       |       | CH 518598   |       |       | CH 531996   |       |       |
|            |         |           | 2526 MHz                          |       |       | 2592.99 MHz |       |       | 2659.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.10                             | 21.89 | 25.01 | 22.09       | 21.88 | 25.00 | 21.98       | 21.86 | 24.93 |
|            | 1       | 81        | 21.64                             | 21.57 | 24.62 | 21.72       | 21.79 | 24.77 | 21.59       | 21.66 | 24.64 |
|            | 1       | 160       | 21.54                             | 21.53 | 24.55 | 21.58       | 21.51 | 24.56 | 21.62       | 21.67 | 24.66 |
|            | 81      | 0         | 21.99                             | 21.46 | 24.74 | 21.99       | 21.57 | 24.80 | 22.09       | 21.72 | 24.92 |
|            | 81      | 41        | 21.92                             | 21.58 | 24.76 | 21.74       | 21.65 | 24.71 | 21.75       | 21.49 | 24.63 |
|            | 81      | 81        | 21.61                             | 21.34 | 24.49 | 21.47       | 21.42 | 24.46 | 21.63       | 21.41 | 24.53 |
|            | 162     | 0         | 21.79                             | 21.74 | 24.78 | 21.70       | 21.54 | 24.63 | 21.74       | 21.66 | 24.71 |
| 16QAM      | 1       | 1         | 22.38                             | 21.41 | 24.93 | 22.24       | 21.52 | 24.91 | 22.36       | 21.52 | 24.97 |
| 64QAM      | 1       | 1         | 21.97                             | 21.62 | 24.81 | 21.91       | 21.49 | 24.72 | 21.87       | 21.42 | 24.66 |
| 256QAM     | 1       | 1         | 21.81                             | 21.4  | 24.62 | 21.8        | 21.49 | 24.66 | 21.81       | 21.48 | 24.66 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.46                     | 25.01                     | 30.63              | 31.18              | 33.01            |
| 16QAM        | 24.91                     | 24.97                     | 31.08              | 31.14              | 33.01            |
| 64QAM        | 24.66                     | 24.81                     | 30.83              | 30.98              | 33.01            |
| 256QAM       | 24.62                     | 24.66                     | 30.79              | 30.83              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 506202                         |       |       | CH 518598   |       |       | CH 531000 |       |       |
|            |         |           | 2531.01 MHz                       |       |       | 2592.99 MHz |       |       | 2655 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 22.11                             | 21.82 | 24.98 | 22.00       | 21.77 | 24.90 | 21.99     | 21.83 | 24.92 |
|            | 1       | 95        | 21.69                             | 21.59 | 24.65 | 21.77       | 21.76 | 24.78 | 21.65     | 21.66 | 24.67 |
|            | 1       | 187       | 21.56                             | 21.48 | 24.53 | 21.54       | 21.46 | 24.51 | 21.69     | 21.64 | 24.68 |
|            | 90      | 0         | 21.88                             | 21.39 | 24.65 | 21.93       | 21.55 | 24.75 | 22.12     | 21.69 | 24.92 |
|            | 90      | 50        | 21.87                             | 21.61 | 24.75 | 21.77       | 21.65 | 24.72 | 21.77     | 21.58 | 24.69 |
|            | 90      | 99        | 21.65                             | 21.41 | 24.54 | 21.41       | 21.40 | 24.42 | 21.67     | 21.41 | 24.55 |
|            | 180     | 0         | 21.74                             | 21.71 | 24.74 | 21.72       | 21.52 | 24.63 | 21.70     | 21.67 | 24.70 |
| 16QAM      | 1       | 1         | 22.39                             | 21.4  | 24.93 | 22.21       | 21.47 | 24.87 | 22.28     | 21.58 | 24.95 |
| 64QAM      | 1       | 1         | 21.88                             | 21.65 | 24.78 | 21.93       | 21.44 | 24.70 | 21.9      | 21.42 | 24.68 |
| 256QAM     | 1       | 1         | 21.78                             | 21.45 | 24.63 | 21.72       | 21.54 | 24.64 | 21.87     | 21.39 | 24.65 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.42                     | 24.98                     | 30.59              | 31.15              | 33.01            |
| 16QAM        | 24.87                     | 24.95                     | 31.04              | 31.12              | 33.01            |
| 64QAM        | 24.68                     | 24.78                     | 30.85              | 30.95              | 33.01            |
| 256QAM       | 24.63                     | 24.65                     | 30.8               | 30.82              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 507204                         |       |       | CH 518598   |       |       | CH 529998   |       |       |
|            |         |           | 2536.02 MHz                       |       |       | 2592.99 MHz |       |       | 2649.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.15                             | 21.82 | 25.00 | 22.11       | 21.76 | 24.95 | 21.98       | 21.85 | 24.93 |
|            | 1       | 109       | 21.67                             | 21.66 | 24.68 | 21.82       | 21.78 | 24.81 | 21.61       | 21.60 | 24.62 |
|            | 1       | 215       | 21.47                             | 21.51 | 24.50 | 21.57       | 21.47 | 24.53 | 21.69       | 21.65 | 24.68 |
|            | 108     | 0         | 21.93                             | 21.45 | 24.71 | 21.96       | 21.55 | 24.77 | 22.08       | 21.79 | 24.95 |
|            | 108     | 55        | 21.85                             | 21.56 | 24.72 | 21.72       | 21.71 | 24.73 | 21.80       | 21.58 | 24.70 |
|            | 108     | 109       | 21.63                             | 21.43 | 24.54 | 21.37       | 21.33 | 24.36 | 21.58       | 21.41 | 24.51 |
|            | 216     | 0         | 21.80                             | 21.73 | 24.78 | 21.65       | 21.44 | 24.56 | 21.62       | 21.61 | 24.63 |
| 16QAM      | 1       | 1         | 22.29                             | 21.49 | 24.92 | 22.23       | 21.45 | 24.87 | 22.27       | 21.61 | 24.96 |
| 64QAM      | 1       | 1         | 21.96                             | 21.63 | 24.81 | 21.91       | 21.48 | 24.71 | 21.86       | 21.42 | 24.66 |
| 256QAM     | 1       | 1         | 21.88                             | 21.47 | 24.69 | 21.75       | 21.51 | 24.64 | 21.93       | 21.39 | 24.68 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.36                     | 25                        | 30.53              | 31.17              | 33.01            |
| 16QAM        | 24.87                     | 24.96                     | 31.04              | 31.13              | 33.01            |
| 64QAM        | 24.66                     | 24.81                     | 30.83              | 30.98              | 33.01            |
| 256QAM       | 24.64                     | 24.69                     | 30.81              | 30.86              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 508200                         |       |       | CH 518598   |       |       | CH 528996   |       |       |
|            |         |           | 2541 MHz                          |       |       | 2592.99 MHz |       |       | 2644.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.20                             | 21.87 | 25.05 | 22.07       | 21.79 | 24.94 | 22.03       | 21.90 | 24.98 |
|            | 1       | 123       | 21.65                             | 21.55 | 24.61 | 21.77       | 21.77 | 24.78 | 21.68       | 21.63 | 24.67 |
|            | 1       | 243       | 21.48                             | 21.51 | 24.51 | 21.60       | 21.50 | 24.56 | 21.66       | 21.59 | 24.64 |
|            | 120     | 0         | 21.89                             | 21.43 | 24.68 | 21.90       | 21.62 | 24.77 | 22.17       | 21.67 | 24.94 |
|            | 120     | 63        | 21.95                             | 21.58 | 24.78 | 21.79       | 21.62 | 24.72 | 21.74       | 21.49 | 24.63 |
|            | 120     | 125       | 21.57                             | 21.38 | 24.49 | 21.47       | 21.42 | 24.46 | 21.59       | 21.35 | 24.48 |
|            | 243     | 0         | 21.76                             | 21.67 | 24.73 | 21.73       | 21.49 | 24.62 | 21.68       | 21.69 | 24.70 |
| 16QAM      | 1       | 1         | 22.36                             | 21.48 | 24.95 | 22.24       | 21.52 | 24.91 | 22.31       | 21.64 | 25.00 |
| 64QAM      | 1       | 1         | 21.9                              | 21.55 | 24.74 | 21.93       | 21.5  | 24.73 | 21.92       | 21.43 | 24.69 |
| 256QAM     | 1       | 1         | 21.83                             | 21.37 | 24.62 | 21.77       | 21.48 | 24.64 | 21.84       | 21.5  | 24.68 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.46                     | 25.05                     | 30.63              | 31.22              | 33.01            |
| 16QAM        | 24.91                     | 25                        | 31.08              | 31.17              | 33.01            |
| 64QAM        | 24.69                     | 24.74                     | 30.86              | 30.91              | 33.01            |
| 256QAM       | 24.62                     | 24.68                     | 30.79              | 30.85              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC2, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 509202                         |       |       | CH 518598   |       |       | CH 528000 |       |       |
|            |         |           | 2546.01 MHz                       |       |       | 2592.99 MHz |       |       | 2640 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 22.25                             | 21.93 | 25.10 | 22.15       | 21.92 | 25.05 | 22.12     | 21.99 | 25.07 |
|            | 1       | 137       | 21.77                             | 21.70 | 24.75 | 21.86       | 21.84 | 24.86 | 21.74     | 21.73 | 24.75 |
|            | 1       | 271       | 21.63                             | 21.59 | 24.62 | 21.68       | 21.57 | 24.64 | 21.73     | 21.71 | 24.73 |
|            | 135     | 0         | 22.04                             | 21.55 | 24.81 | 22.04       | 21.67 | 24.87 | 22.24     | 21.83 | 25.05 |
|            | 135     | 69        | 21.99                             | 21.71 | 24.86 | 21.86       | 21.75 | 24.82 | 21.90     | 21.62 | 24.77 |
|            | 135     | 138       | 21.70                             | 21.48 | 24.60 | 21.52       | 21.49 | 24.52 | 21.74     | 21.45 | 24.61 |
|            | 270     | 0         | 21.87                             | 21.78 | 24.84 | 21.78       | 21.59 | 24.70 | 21.78     | 21.73 | 24.77 |
| 16QAM      | 1       | 1         | 22.43                             | 21.54 | 25.02 | 22.28       | 21.57 | 24.95 | 22.42     | 21.68 | 25.08 |
| 64QAM      | 1       | 1         | 22.02                             | 21.7  | 24.87 | 21.98       | 21.56 | 24.79 | 21.96     | 21.53 | 24.76 |
| 256QAM     | 1       | 1         | 21.94                             | 21.52 | 24.75 | 21.88       | 21.61 | 24.76 | 21.97     | 21.55 | 24.78 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.52                     | 25.1                      | 30.69              | 31.27              | 33.01            |
| 16QAM        | 24.95                     | 25.08                     | 31.12              | 31.25              | 33.01            |
| 64QAM        | 24.76                     | 24.87                     | 30.93              | 31.04              | 33.01            |
| 256QAM       | 24.75                     | 24.78                     | 30.92              | 30.95              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 501204                         |       |       | CH 518598   |       |       | CH 535998   |       |       |
|            |         |           | 2506.02 MHz                       |       |       | 2592.99 MHz |       |       | 2679.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.86                             | 19.71 | 22.80 | 19.86       | 19.59 | 22.74 | 19.99       | 19.56 | 22.79 |
|            | 1       | 26        | 19.50                             | 19.53 | 22.53 | 19.55       | 19.40 | 22.49 | 19.63       | 19.53 | 22.59 |
|            | 1       | 49        | 19.44                             | 19.44 | 22.45 | 19.42       | 19.36 | 22.40 | 19.45       | 19.37 | 22.42 |
|            | 25      | 0         | 19.74                             | 19.65 | 22.71 | 19.76       | 19.47 | 22.63 | 19.85       | 19.63 | 22.75 |
|            | 25      | 13        | 19.49                             | 19.35 | 22.43 | 19.57       | 19.38 | 22.49 | 19.59       | 19.28 | 22.45 |
|            | 25      | 26        | 19.37                             | 19.37 | 22.38 | 19.43       | 19.27 | 22.36 | 19.27       | 19.27 | 22.28 |
|            | 50      | 0         | 19.67                             | 19.33 | 22.51 | 19.63       | 19.34 | 22.50 | 19.61       | 19.52 | 22.58 |
| 16QAM      | 1       | 1         | 19.87                             | 19.55 | 22.72 | 19.93       | 19.52 | 22.74 | 20          | 19.61 | 22.82 |
| 64QAM      | 1       | 1         | 19.87                             | 19.39 | 22.65 | 19.7        | 19.32 | 22.52 | 19.84       | 19.35 | 22.61 |
| 256QAM     | 1       | 1         | 19.47                             | 19.22 | 22.36 | 19.62       | 19.18 | 22.42 | 19.47       | 19.05 | 22.28 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.28                     | 22.8                      | 28.45              | 28.97              | 33.01            |
| 16QAM        | 22.72                     | 22.82                     | 28.89              | 28.99              | 33.01            |
| 64QAM        | 22.52                     | 22.65                     | 28.69              | 28.82              | 33.01            |
| 256QAM       | 22.28                     | 22.42                     | 28.45              | 28.59              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 502200                         |       |       | CH 518598   |       |       | CH 534996   |       |       |
|            |         |           | 2511 MHz                          |       |       | 2592.99 MHz |       |       | 2674.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.88                             | 19.74 | 22.82 | 19.84       | 19.57 | 22.72 | 19.95       | 19.57 | 22.77 |
|            | 1       | 39        | 19.54                             | 19.59 | 22.58 | 19.59       | 19.48 | 22.55 | 19.59       | 19.46 | 22.54 |
|            | 1       | 76        | 19.43                             | 19.46 | 22.46 | 19.40       | 19.36 | 22.39 | 19.47       | 19.44 | 22.47 |
|            | 36      | 0         | 19.78                             | 19.58 | 22.69 | 19.86       | 19.46 | 22.67 | 19.92       | 19.54 | 22.74 |
|            | 36      | 21        | 19.50                             | 19.36 | 22.44 | 19.54       | 19.31 | 22.44 | 19.67       | 19.33 | 22.51 |
|            | 36      | 42        | 19.33                             | 19.43 | 22.39 | 19.36       | 19.28 | 22.33 | 19.31       | 19.33 | 22.33 |
|            | 75      | 0         | 19.71                             | 19.31 | 22.52 | 19.70       | 19.36 | 22.54 | 19.62       | 19.52 | 22.58 |
| 16QAM      | 1       | 1         | 19.83                             | 19.58 | 22.72 | 19.98       | 19.51 | 22.76 | 20          | 19.62 | 22.82 |
| 64QAM      | 1       | 1         | 19.83                             | 19.41 | 22.64 | 19.78       | 19.32 | 22.57 | 19.9        | 19.34 | 22.64 |
| 256QAM     | 1       | 1         | 19.58                             | 19.2  | 22.40 | 19.58       | 19.17 | 22.39 | 19.49       | 19.09 | 22.30 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.33                     | 22.82                     | 28.5               | 28.99              | 33.01            |
| 16QAM        | 22.72                     | 22.82                     | 28.89              | 28.99              | 33.01            |
| 64QAM        | 22.57                     | 22.64                     | 28.74              | 28.81              | 33.01            |
| 256QAM       | 22.3                      | 22.4                      | 28.47              | 28.57              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 503202                         |       |       | CH 518598   |       |       | CH 534000 |       |       |
|            |         |           | 2516.01 MHz                       |       |       | 2592.99 MHz |       |       | 2670 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 19.87                             | 19.64 | 22.77 | 19.92       | 19.64 | 22.79 | 19.94     | 19.67 | 22.82 |
|            | 1       | 53        | 19.47                             | 19.50 | 22.50 | 19.54       | 19.51 | 22.54 | 19.60     | 19.52 | 22.57 |
|            | 1       | 104       | 19.51                             | 19.38 | 22.46 | 19.45       | 19.38 | 22.43 | 19.49     | 19.42 | 22.47 |
|            | 50      | 0         | 19.75                             | 19.60 | 22.69 | 19.82       | 19.57 | 22.71 | 19.91     | 19.54 | 22.74 |
|            | 50      | 28        | 19.51                             | 19.41 | 22.47 | 19.64       | 19.33 | 22.50 | 19.65     | 19.29 | 22.48 |
|            | 50      | 56        | 19.27                             | 19.41 | 22.35 | 19.37       | 19.25 | 22.32 | 19.33     | 19.26 | 22.31 |
|            | 100     | 0         | 19.71                             | 19.29 | 22.52 | 19.64       | 19.30 | 22.48 | 19.64     | 19.48 | 22.57 |
| 16QAM      | 1       | 1         | 19.91                             | 19.59 | 22.76 | 19.95       | 19.41 | 22.70 | 19.98     | 19.62 | 22.81 |
| 64QAM      | 1       | 1         | 19.8                              | 19.37 | 22.60 | 19.78       | 19.37 | 22.59 | 19.79     | 19.39 | 22.60 |
| 256QAM     | 1       | 1         | 19.57                             | 19.27 | 22.43 | 19.6        | 19.1  | 22.37 | 19.53     | 19.15 | 22.35 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.31                     | 22.82                     | 28.48              | 28.99              | 33.01            |
| 16QAM        | 22.7                      | 22.81                     | 28.87              | 28.98              | 33.01            |
| 64QAM        | 22.59                     | 22.6                      | 28.76              | 28.77              | 33.01            |
| 256QAM       | 22.35                     | 22.43                     | 28.52              | 28.6               | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 504204                         |       |       | CH 518598   |       |       | CH 532998   |       |       |
|            |         |           | 2521.02 MHz                       |       |       | 2592.99 MHz |       |       | 2664.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.92                             | 19.73 | 22.84 | 19.84       | 19.53 | 22.70 | 19.99       | 19.58 | 22.80 |
|            | 1       | 67        | 19.50                             | 19.54 | 22.53 | 19.63       | 19.42 | 22.54 | 19.58       | 19.50 | 22.55 |
|            | 1       | 131       | 19.52                             | 19.47 | 22.51 | 19.41       | 19.45 | 22.44 | 19.46       | 19.35 | 22.42 |
|            | 64      | 0         | 19.72                             | 19.65 | 22.70 | 19.87       | 19.53 | 22.71 | 19.87       | 19.62 | 22.76 |
|            | 64      | 35        | 19.58                             | 19.33 | 22.47 | 19.53       | 19.34 | 22.45 | 19.66       | 19.29 | 22.49 |
|            | 64      | 69        | 19.30                             | 19.35 | 22.34 | 19.32       | 19.25 | 22.30 | 19.38       | 19.26 | 22.33 |
|            | 128     | 0         | 19.69                             | 19.36 | 22.54 | 19.70       | 19.39 | 22.56 | 19.63       | 19.40 | 22.53 |
| 16QAM      | 1       | 1         | 19.91                             | 19.47 | 22.71 | 19.95       | 19.53 | 22.76 | 19.91       | 19.55 | 22.74 |
| 64QAM      | 1       | 1         | 19.83                             | 19.4  | 22.63 | 19.71       | 19.41 | 22.57 | 19.89       | 19.38 | 22.65 |
| 256QAM     | 1       | 1         | 19.48                             | 19.2  | 22.35 | 19.6        | 19.19 | 22.41 | 19.54       | 19.07 | 22.32 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.3                      | 22.84                     | 28.47              | 29.01              | 33.01            |
| 16QAM        | 22.71                     | 22.76                     | 28.88              | 28.93              | 33.01            |
| 64QAM        | 22.57                     | 22.65                     | 28.74              | 28.82              | 33.01            |
| 256QAM       | 22.32                     | 22.41                     | 28.49              | 28.58              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 505200                         |       |       | CH 518598   |       |       | CH 531996   |       |       |
|            |         |           | 2526 MHz                          |       |       | 2592.99 MHz |       |       | 2659.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.92                             | 19.71 | 22.83 | 19.85       | 19.59 | 22.73 | 19.96       | 19.67 | 22.83 |
|            | 1       | 81        | 19.55                             | 19.52 | 22.55 | 19.54       | 19.41 | 22.49 | 19.61       | 19.52 | 22.58 |
|            | 1       | 160       | 19.50                             | 19.39 | 22.46 | 19.35       | 19.47 | 22.42 | 19.47       | 19.45 | 22.47 |
|            | 81      | 0         | 19.75                             | 19.64 | 22.71 | 19.77       | 19.51 | 22.65 | 19.85       | 19.59 | 22.73 |
|            | 81      | 41        | 19.50                             | 19.33 | 22.43 | 19.57       | 19.36 | 22.48 | 19.61       | 19.24 | 22.44 |
|            | 81      | 81        | 19.33                             | 19.42 | 22.39 | 19.34       | 19.36 | 22.36 | 19.29       | 19.27 | 22.29 |
|            | 162     | 0         | 19.64                             | 19.26 | 22.46 | 19.61       | 19.37 | 22.50 | 19.63       | 19.45 | 22.55 |
| 16QAM      | 1       | 1         | 19.8                              | 19.57 | 22.70 | 20.01       | 19.42 | 22.74 | 20          | 19.58 | 22.81 |
| 64QAM      | 1       | 1         | 19.77                             | 19.46 | 22.63 | 19.76       | 19.38 | 22.58 | 19.87       | 19.42 | 22.66 |
| 256QAM     | 1       | 1         | 19.51                             | 19.27 | 22.40 | 19.56       | 19.21 | 22.40 | 19.44       | 19.11 | 22.29 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.29                     | 22.83                     | 28.46              | 29                 | 33.01            |
| 16QAM        | 22.7                      | 22.81                     | 28.87              | 28.98              | 33.01            |
| 64QAM        | 22.58                     | 22.66                     | 28.75              | 28.83              | 33.01            |
| 256QAM       | 22.29                     | 22.4                      | 28.46              | 28.57              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 506202                         |       |       | CH 518598   |       |       | CH 531000 |       |       |
|            |         |           | 2531.01 MHz                       |       |       | 2592.99 MHz |       |       | 2655 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 19.93                             | 19.68 | 22.82 | 19.87       | 19.60 | 22.75 | 19.90     | 19.59 | 22.76 |
|            | 1       | 95        | 19.56                             | 19.54 | 22.56 | 19.53       | 19.50 | 22.53 | 19.65     | 19.48 | 22.58 |
|            | 1       | 187       | 19.49                             | 19.45 | 22.48 | 19.44       | 19.41 | 22.44 | 19.48     | 19.39 | 22.45 |
|            | 90      | 0         | 19.77                             | 19.65 | 22.72 | 19.76       | 19.47 | 22.63 | 19.85     | 19.53 | 22.70 |
|            | 90      | 50        | 19.52                             | 19.32 | 22.43 | 19.54       | 19.36 | 22.46 | 19.63     | 19.31 | 22.48 |
|            | 90      | 99        | 19.31                             | 19.43 | 22.38 | 19.34       | 19.29 | 22.33 | 19.35     | 19.36 | 22.37 |
|            | 180     | 0         | 19.69                             | 19.33 | 22.52 | 19.69       | 19.42 | 22.57 | 19.66     | 19.42 | 22.55 |
| 16QAM      | 1       | 1         | 19.89                             | 19.59 | 22.75 | 19.92       | 19.47 | 22.71 | 19.99     | 19.63 | 22.82 |
| 64QAM      | 1       | 1         | 19.78                             | 19.49 | 22.65 | 19.77       | 19.41 | 22.60 | 19.8      | 19.35 | 22.59 |
| 256QAM     | 1       | 1         | 19.48                             | 19.21 | 22.36 | 19.52       | 19.15 | 22.35 | 19.48     | 19.06 | 22.29 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.33                     | 22.82                     | 28.5               | 28.99              | 33.01            |
| 16QAM        | 22.71                     | 22.82                     | 28.88              | 28.99              | 33.01            |
| 64QAM        | 22.59                     | 22.65                     | 28.76              | 28.82              | 33.01            |
| 256QAM       | 22.29                     | 22.36                     | 28.46              | 28.53              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 507204                         |       |       | CH 518598   |       |       | CH 529998   |       |       |
|            |         |           | 2536.02 MHz                       |       |       | 2592.99 MHz |       |       | 2649.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.93                             | 19.69 | 22.82 | 19.87       | 19.59 | 22.74 | 19.94       | 19.67 | 22.82 |
|            | 1       | 109       | 19.49                             | 19.58 | 22.55 | 19.54       | 19.44 | 22.50 | 19.66       | 19.50 | 22.59 |
|            | 1       | 215       | 19.50                             | 19.42 | 22.47 | 19.42       | 19.48 | 22.46 | 19.41       | 19.44 | 22.44 |
|            | 108     | 0         | 19.72                             | 19.66 | 22.70 | 19.84       | 19.48 | 22.67 | 19.87       | 19.57 | 22.73 |
|            | 108     | 55        | 19.52                             | 19.39 | 22.47 | 19.52       | 19.36 | 22.45 | 19.57       | 19.32 | 22.46 |
|            | 108     | 109       | 19.25                             | 19.42 | 22.35 | 19.36       | 19.28 | 22.33 | 19.27       | 19.30 | 22.30 |
|            | 216     | 0         | 19.66                             | 19.37 | 22.53 | 19.63       | 19.42 | 22.54 | 19.72       | 19.40 | 22.57 |
| 16QAM      | 1       | 1         | 19.84                             | 19.58 | 22.72 | 19.93       | 19.42 | 22.69 | 19.91       | 19.54 | 22.74 |
| 64QAM      | 1       | 1         | 19.86                             | 19.45 | 22.67 | 19.79       | 19.4  | 22.61 | 19.9        | 19.4  | 22.67 |
| 256QAM     | 1       | 1         | 19.57                             | 19.2  | 22.40 | 19.61       | 19.12 | 22.38 | 19.5        | 19.06 | 22.30 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.3                      | 22.82                     | 28.47              | 28.99              | 33.01            |
| 16QAM        | 22.69                     | 22.74                     | 28.86              | 28.91              | 33.01            |
| 64QAM        | 22.61                     | 22.67                     | 28.78              | 28.84              | 33.01            |
| 256QAM       | 22.3                      | 22.4                      | 28.47              | 28.57              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 508200                         |       |       | CH 518598   |       |       | CH 528996   |       |       |
|            |         |           | 2541 MHz                          |       |       | 2592.99 MHz |       |       | 2644.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 19.89                             | 19.66 | 22.79 | 19.92       | 19.57 | 22.76 | 19.99       | 19.67 | 22.84 |
|            | 1       | 123       | 19.52                             | 19.48 | 22.51 | 19.51       | 19.46 | 22.50 | 19.65       | 19.53 | 22.60 |
|            | 1       | 243       | 19.52                             | 19.38 | 22.46 | 19.34       | 19.46 | 22.41 | 19.45       | 19.45 | 22.46 |
|            | 120     | 0         | 19.72                             | 19.66 | 22.70 | 19.87       | 19.54 | 22.72 | 19.92       | 19.62 | 22.78 |
|            | 120     | 63        | 19.60                             | 19.37 | 22.50 | 19.55       | 19.34 | 22.46 | 19.64       | 19.23 | 22.45 |
|            | 120     | 125       | 19.27                             | 19.37 | 22.33 | 19.40       | 19.27 | 22.35 | 19.32       | 19.29 | 22.32 |
|            | 243     | 0         | 19.63                             | 19.36 | 22.51 | 19.62       | 19.36 | 22.50 | 19.67       | 19.49 | 22.59 |
| 16QAM      | 1       | 1         | 19.9                              | 19.55 | 22.74 | 19.98       | 19.45 | 22.73 | 19.97       | 19.57 | 22.78 |
| 64QAM      | 1       | 1         | 19.78                             | 19.49 | 22.65 | 19.7        | 19.36 | 22.54 | 19.85       | 19.34 | 22.61 |
| 256QAM     | 1       | 1         | 19.49                             | 19.27 | 22.39 | 19.53       | 19.16 | 22.36 | 19.53       | 19.13 | 22.34 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.32                     | 22.84                     | 28.49              | 29.01              | 33.01            |
| 16QAM        | 22.73                     | 22.78                     | 28.9               | 28.95              | 33.01            |
| 64QAM        | 22.54                     | 22.65                     | 28.71              | 28.82              | 33.01            |
| 256QAM       | 22.34                     | 22.39                     | 28.51              | 28.56              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n41 SCS 30 kHz PC3, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 509202                         |       |       | CH 518598   |       |       | CH 528000 |       |       |
|            |         |           | 2546.01 MHz                       |       |       | 2592.99 MHz |       |       | 2640 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 20.01                             | 19.79 | 22.91 | 19.96       | 19.68 | 22.83 | 20.06     | 19.72 | 22.90 |
|            | 1       | 137       | 19.63                             | 19.63 | 22.64 | 19.67       | 19.55 | 22.62 | 19.73     | 19.62 | 22.69 |
|            | 1       | 271       | 19.56                             | 19.51 | 22.55 | 19.49       | 19.52 | 22.52 | 19.53     | 19.51 | 22.53 |
|            | 135     | 0         | 19.86                             | 19.72 | 22.80 | 19.91       | 19.62 | 22.78 | 20.00     | 19.68 | 22.85 |
|            | 135     | 69        | 19.64                             | 19.46 | 22.56 | 19.68       | 19.44 | 22.57 | 19.73     | 19.38 | 22.57 |
|            | 135     | 138       | 19.41                             | 19.50 | 22.47 | 19.47       | 19.41 | 22.45 | 19.42     | 19.41 | 22.43 |
|            | 270     | 0         | 19.78                             | 19.41 | 22.61 | 19.74       | 19.46 | 22.61 | 19.76     | 19.56 | 22.67 |
| 16QAM      | 1       | 1         | 19.95                             | 19.63 | 22.80 | 20.08       | 19.57 | 22.84 | 20.07     | 19.67 | 22.88 |
| 64QAM      | 1       | 1         | 19.93                             | 19.53 | 22.74 | 19.86       | 19.46 | 22.67 | 19.94     | 19.48 | 22.73 |
| 256QAM     | 1       | 1         | 19.62                             | 19.33 | 22.49 | 19.66       | 19.26 | 22.47 | 19.6      | 19.2  | 22.41 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.43                     | 22.91                     | 28.6               | 29.08              | 33.01            |
| 16QAM        | 22.8                      | 22.88                     | 28.97              | 29.05              | 33.01            |
| 64QAM        | 22.67                     | 22.74                     | 28.84              | 28.91              | 33.01            |
| 256QAM       | 22.41                     | 22.49                     | 28.58              | 28.66              | 33.01            |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



## 1TX

7.1.8 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 10 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dB $\mu$ V/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 630334  | 3455.01                 | 122.07                        | -95.26                 | 479.733   | 26.81      | 30               |
|            | 633334  | 3500.01                 | 122.32                        | -95.26                 | 508.159   | 27.06      | 30               |
|            | 636332  | 3544.98                 | 122.15                        | -95.26                 | 488.652   | 26.89      | 30               |
| QPSK       | 630334  | 3455.01                 | 122.04                        | -95.26                 | 476.431   | 26.78      | 30               |
|            | 633334  | 3500.01                 | 122.08                        | -95.26                 | 480.839   | 26.82      | 30               |
|            | 636332  | 3544.98                 | 121.9                         | -95.26                 | 461.318   | 26.64      | 30               |
| 16QAM      | 630334  | 3455.01                 | 121.02                        | -95.26                 | 376.704   | 25.76      | 30               |
|            | 633334  | 3500.01                 | 121.11                        | -95.26                 | 384.592   | 25.85      | 30               |
|            | 636332  | 3544.98                 | 121.13                        | -95.26                 | 386.367   | 25.87      | 30               |
| 64QAM      | 630334  | 3455.01                 | 119.97                        | -95.26                 | 295.801   | 24.71      | 30               |
|            | 633334  | 3500.01                 | 120.12                        | -95.26                 | 306.196   | 24.86      | 30               |
|            | 636332  | 3544.98                 | 120.07                        | -95.26                 | 302.691   | 24.81      | 30               |
| 256QAM     | 630334  | 3455.01                 | 117.37                        | -95.26                 | 162.555   | 22.11      | 30               |
|            | 633334  | 3500.01                 | 117.68                        | -95.26                 | 174.582   | 22.42      | 30               |
|            | 636332  | 3544.98                 | 117.3                         | -95.26                 | 159.956   | 22.04      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dB $\mu$ V/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 15 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 630500  | 3457.5                  | 122.03                  | -95.26                 | 475.335   | 26.77      | 30               |
|            | 633334  | 3500.01                 | 122.25                  | -95.26                 | 500.035   | 26.99      | 30               |
|            | 636166  | 3542.49                 | 122.17                  | -95.26                 | 490.908   | 26.91      | 30               |
| QPSK       | 630500  | 3457.5                  | 122.03                  | -95.26                 | 475.335   | 26.77      | 30               |
|            | 633334  | 3500.01                 | 122.13                  | -95.26                 | 486.407   | 26.87      | 30               |
|            | 636166  | 3542.49                 | 122                     | -95.26                 | 472.063   | 26.74      | 30               |
| 16QAM      | 630500  | 3457.5                  | 121.09                  | -95.26                 | 382.825   | 25.83      | 30               |
|            | 633334  | 3500.01                 | 121.11                  | -95.26                 | 384.592   | 25.85      | 30               |
|            | 636166  | 3542.49                 | 121.06                  | -95.26                 | 380.189   | 25.8       | 30               |
| 64QAM      | 630500  | 3457.5                  | 120.14                  | -95.26                 | 307.61    | 24.88      | 30               |
|            | 633334  | 3500.01                 | 120.1                   | -95.26                 | 304.789   | 24.84      | 30               |
|            | 636166  | 3542.49                 | 120                     | -95.26                 | 297.852   | 24.74      | 30               |
| 256QAM     | 630500  | 3457.5                  | 117.5                   | -95.26                 | 167.494   | 22.24      | 30               |
|            | 633334  | 3500.01                 | 117.62                  | -95.26                 | 172.187   | 22.36      | 30               |
|            | 636166  | 3542.49                 | 117.44                  | -95.26                 | 165.196   | 22.18      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 20 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 630668  | 3460.02                 | 122.16                  | -95.26                 | 489.779   | 26.9       | 30               |
|            | 633334  | 3500.01                 | 122.25                  | -95.26                 | 500.035   | 26.99      | 30               |
|            | 636000  | 3540                    | 122.06                  | -95.26                 | 478.63    | 26.8       | 30               |
| QPSK       | 630668  | 3460.02                 | 121.89                  | -95.26                 | 460.257   | 26.63      | 30               |
|            | 633334  | 3500.01                 | 122.06                  | -95.26                 | 478.63    | 26.8       | 30               |
|            | 636000  | 3540                    | 121.9                   | -95.26                 | 461.318   | 26.64      | 30               |
| 16QAM      | 630668  | 3460.02                 | 121                     | -95.26                 | 374.973   | 25.74      | 30               |
|            | 633334  | 3500.01                 | 121.07                  | -95.26                 | 381.066   | 25.81      | 30               |
|            | 636000  | 3540                    | 121.05                  | -95.26                 | 379.315   | 25.79      | 30               |
| 64QAM      | 630668  | 3460.02                 | 120.02                  | -95.26                 | 299.226   | 24.76      | 30               |
|            | 633334  | 3500.01                 | 120.22                  | -95.26                 | 313.329   | 24.96      | 30               |
|            | 636000  | 3540                    | 120.08                  | -95.26                 | 303.389   | 24.82      | 30               |
| 256QAM     | 630668  | 3460.02                 | 117.53                  | -95.26                 | 168.655   | 22.27      | 30               |
|            | 633334  | 3500.01                 | 117.57                  | -95.26                 | 170.216   | 22.31      | 30               |
|            | 636000  | 3540                    | 117.57                  | -95.26                 | 170.216   | 22.31      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 30 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 631000  | 3465                    | 122.19                  | -95.26                 | 493.174   | 26.93      | 30               |
|            | 633334  | 3500.01                 | 122.35                  | -95.26                 | 511.682   | 27.09      | 30               |
|            | 635666  | 3534.99                 | 122.2                   | -95.26                 | 494.311   | 26.94      | 30               |
| QPSK       | 631000  | 3465                    | 121.86                  | -95.26                 | 457.088   | 26.6       | 30               |
|            | 633334  | 3500.01                 | 122.16                  | -95.26                 | 489.779   | 26.9       | 30               |
|            | 635666  | 3534.99                 | 121.98                  | -95.26                 | 469.894   | 26.72      | 30               |
| 16QAM      | 631000  | 3465                    | 121.04                  | -95.26                 | 378.443   | 25.78      | 30               |
|            | 633334  | 3500.01                 | 121.04                  | -95.26                 | 378.443   | 25.78      | 30               |
|            | 635666  | 3534.99                 | 121.09                  | -95.26                 | 382.825   | 25.83      | 30               |
| 64QAM      | 631000  | 3465                    | 120.07                  | -95.26                 | 302.691   | 24.81      | 30               |
|            | 633334  | 3500.01                 | 120.1                   | -95.26                 | 304.789   | 24.84      | 30               |
|            | 635666  | 3534.99                 | 120.13                  | -95.26                 | 306.902   | 24.87      | 30               |
| 256QAM     | 631000  | 3465                    | 117.5                   | -95.26                 | 167.494   | 22.24      | 30               |
|            | 633334  | 3500.01                 | 117.52                  | -95.26                 | 168.267   | 22.26      | 30               |
|            | 635666  | 3534.99                 | 117.5                   | -95.26                 | 167.494   | 22.24      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 40 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 631334  | 3470.01                 | 122.07                  | -95.26                 | 479.733   | 26.81      | 30               |
|            | 633334  | 3500.01                 | 122.29                  | -95.26                 | 504.661   | 27.03      | 30               |
|            | 635332  | 3529.98                 | 122.17                  | -95.26                 | 490.908   | 26.91      | 30               |
| QPSK       | 631334  | 3470.01                 | 121.87                  | -95.26                 | 458.142   | 26.61      | 30               |
|            | 633334  | 3500.01                 | 122.15                  | -95.26                 | 488.652   | 26.89      | 30               |
|            | 635332  | 3529.98                 | 121.9                   | -95.26                 | 461.318   | 26.64      | 30               |
| 16QAM      | 631334  | 3470.01                 | 121.01                  | -95.26                 | 375.837   | 25.75      | 30               |
|            | 633334  | 3500.01                 | 121.11                  | -95.26                 | 384.592   | 25.85      | 30               |
|            | 635332  | 3529.98                 | 120.96                  | -95.26                 | 371.535   | 25.7       | 30               |
| 64QAM      | 631334  | 3470.01                 | 120.11                  | -95.26                 | 305.492   | 24.85      | 30               |
|            | 633334  | 3500.01                 | 120.06                  | -95.26                 | 301.995   | 24.8       | 30               |
|            | 635332  | 3529.98                 | 120.11                  | -95.26                 | 305.492   | 24.85      | 30               |
| 256QAM     | 631334  | 3470.01                 | 117.51                  | -95.26                 | 167.88    | 22.25      | 30               |
|            | 633334  | 3500.01                 | 117.67                  | -95.26                 | 174.181   | 22.41      | 30               |
|            | 635332  | 3529.98                 | 117.61                  | -95.26                 | 171.791   | 22.35      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 50 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 631668  | 3475.02                 | 122.15                  | -95.26                 | 488.652   | 26.89      | 30               |
|            | 633334  | 3500.01                 | 122.24                  | -95.26                 | 498.884   | 26.98      | 30               |
|            | 635000  | 3525                    | 122.11                  | -95.26                 | 484.172   | 26.85      | 30               |
| QPSK       | 631668  | 3475.02                 | 121.99                  | -95.26                 | 470.977   | 26.73      | 30               |
|            | 633334  | 3500.01                 | 122.03                  | -95.26                 | 475.335   | 26.77      | 30               |
|            | 635000  | 3525                    | 122.05                  | -95.26                 | 477.529   | 26.79      | 30               |
| 16QAM      | 631668  | 3475.02                 | 120.93                  | -95.26                 | 368.978   | 25.67      | 30               |
|            | 633334  | 3500.01                 | 121.15                  | -95.26                 | 388.15    | 25.89      | 30               |
|            | 635000  | 3525                    | 120.98                  | -95.26                 | 373.25    | 25.72      | 30               |
| 64QAM      | 631668  | 3475.02                 | 119.97                  | -95.26                 | 295.801   | 24.71      | 30               |
|            | 633334  | 3500.01                 | 120.13                  | -95.26                 | 306.902   | 24.87      | 30               |
|            | 635000  | 3525                    | 120.09                  | -95.26                 | 304.089   | 24.83      | 30               |
| 256QAM     | 631668  | 3475.02                 | 117.62                  | -95.26                 | 172.187   | 22.36      | 30               |
|            | 633334  | 3500.01                 | 117.63                  | -95.26                 | 172.584   | 22.37      | 30               |
|            | 635000  | 3525                    | 117.68                  | -95.26                 | 174.582   | 22.42      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 60 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 632000  | 3480                    | 122.2                   | -95.26                 | 494.311   | 26.94      | 30               |
|            | 633334  | 3500.01                 | 122.36                  | -95.26                 | 512.861   | 27.1       | 30               |
|            | 634666  | 3519.99                 | 122.23                  | -95.26                 | 497.737   | 26.97      | 30               |
| QPSK       | 632000  | 3480                    | 121.92                  | -95.26                 | 463.447   | 26.66      | 30               |
|            | 633334  | 3500.01                 | 122.01                  | -95.26                 | 473.151   | 26.75      | 30               |
|            | 634666  | 3519.99                 | 121.96                  | -95.26                 | 467.735   | 26.7       | 30               |
| 16QAM      | 632000  | 3480                    | 120.98                  | -95.26                 | 373.25    | 25.72      | 30               |
|            | 633334  | 3500.01                 | 121.18                  | -95.26                 | 390.841   | 25.92      | 30               |
|            | 634666  | 3519.99                 | 121.1                   | -95.26                 | 383.707   | 25.84      | 30               |
| 64QAM      | 632000  | 3480                    | 120.11                  | -95.26                 | 305.492   | 24.85      | 30               |
|            | 633334  | 3500.01                 | 120.14                  | -95.26                 | 307.61    | 24.88      | 30               |
|            | 634666  | 3519.99                 | 120.09                  | -95.26                 | 304.089   | 24.83      | 30               |
| 256QAM     | 632000  | 3480                    | 117.56                  | -95.26                 | 169.824   | 22.3       | 30               |
|            | 633334  | 3500.01                 | 117.68                  | -95.26                 | 174.582   | 22.42      | 30               |
|            | 634666  | 3519.99                 | 117.49                  | -95.26                 | 167.109   | 22.23      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 70 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 632334  | 3485.01                 | 122.09                  | -95.26                 | 481.948   | 26.83      | 30               |
|            | 633334  | 3500.01                 | 122.33                  | -95.26                 | 509.331   | 27.07      | 30               |
|            | 634332  | 3514.98                 | 122.08                  | -95.26                 | 480.839   | 26.82      | 30               |
| QPSK       | 632334  | 3485.01                 | 122.03                  | -95.26                 | 475.335   | 26.77      | 30               |
|            | 633334  | 3500.01                 | 122                     | -95.26                 | 472.063   | 26.74      | 30               |
|            | 634332  | 3514.98                 | 121.95                  | -95.26                 | 466.659   | 26.69      | 30               |
| 16QAM      | 632334  | 3485.01                 | 120.92                  | -95.26                 | 368.129   | 25.66      | 30               |
|            | 633334  | 3500.01                 | 121.05                  | -95.26                 | 379.315   | 25.79      | 30               |
|            | 634332  | 3514.98                 | 121.1                   | -95.26                 | 383.707   | 25.84      | 30               |
| 64QAM      | 632334  | 3485.01                 | 119.97                  | -95.26                 | 295.801   | 24.71      | 30               |
|            | 633334  | 3500.01                 | 120.21                  | -95.26                 | 312.608   | 24.95      | 30               |
|            | 634332  | 3514.98                 | 120.19                  | -95.26                 | 311.172   | 24.93      | 30               |
| 256QAM     | 632334  | 3485.01                 | 117.51                  | -95.26                 | 167.88    | 22.25      | 30               |
|            | 633334  | 3500.01                 | 117.61                  | -95.26                 | 171.791   | 22.35      | 30               |
|            | 634332  | 3514.98                 | 117.61                  | -95.26                 | 171.791   | 22.35      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 80 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 632668  | 3490.02                 | 122.05                  | -95.26                 | 477.529   | 26.79      | 30               |
|            | 633334  | 3500.01                 | 122.37                  | -95.26                 | 514.044   | 27.11      | 30               |
|            | 634000  | 3510                    | 122.18                  | -95.26                 | 492.04    | 26.92      | 30               |
| QPSK       | 632668  | 3490.02                 | 121.97                  | -95.26                 | 468.813   | 26.71      | 30               |
|            | 633334  | 3500.01                 | 122.05                  | -95.26                 | 477.529   | 26.79      | 30               |
|            | 634000  | 3510                    | 121.87                  | -95.26                 | 458.142   | 26.61      | 30               |
| 16QAM      | 632668  | 3490.02                 | 121.06                  | -95.26                 | 380.189   | 25.8       | 30               |
|            | 633334  | 3500.01                 | 121.04                  | -95.26                 | 378.443   | 25.78      | 30               |
|            | 634000  | 3510                    | 121.13                  | -95.26                 | 386.367   | 25.87      | 30               |
| 64QAM      | 632668  | 3490.02                 | 120.06                  | -95.26                 | 301.995   | 24.8       | 30               |
|            | 633334  | 3500.01                 | 120.16                  | -95.26                 | 309.03    | 24.9       | 30               |
|            | 634000  | 3510                    | 120.17                  | -95.26                 | 309.742   | 24.91      | 30               |
| 256QAM     | 632668  | 3490.02                 | 117.57                  | -95.26                 | 170.216   | 22.31      | 30               |
|            | 633334  | 3500.01                 | 117.59                  | -95.26                 | 171.002   | 22.33      | 30               |
|            | 634000  | 3510                    | 117.52                  | -95.26                 | 168.267   | 22.26      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 90 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 633000  | 3495                    | 122.22                  | -95.26                 | 496.592   | 26.96      | 30               |
|            | 633334  | 3500.01                 | 122.39                  | -95.26                 | 516.416   | 27.13      | 30               |
|            | 633666  | 3504.99                 | 122.25                  | -95.26                 | 500.035   | 26.99      | 30               |
| QPSK       | 633000  | 3495                    | 122.05                  | -95.26                 | 477.529   | 26.79      | 30               |
|            | 633334  | 3500.01                 | 122.19                  | -95.26                 | 493.174   | 26.93      | 30               |
|            | 633666  | 3504.99                 | 122.07                  | -95.26                 | 479.733   | 26.81      | 30               |
| 16QAM      | 633000  | 3495                    | 121.1                   | -95.26                 | 383.707   | 25.84      | 30               |
|            | 633334  | 3500.01                 | 121.22                  | -95.26                 | 394.457   | 25.96      | 30               |
|            | 633666  | 3504.99                 | 121.15                  | -95.26                 | 388.15    | 25.89      | 30               |
| 64QAM      | 633000  | 3495                    | 120.16                  | -95.26                 | 309.03    | 24.9       | 30               |
|            | 633334  | 3500.01                 | 120.26                  | -95.26                 | 316.228   | 25         | 30               |
|            | 633666  | 3504.99                 | 120.2                   | -95.26                 | 311.889   | 24.94      | 30               |
| 256QAM     | 633000  | 3495                    | 117.48                  | -95.26                 | 166.725   | 22.22      | 30               |
|            | 633334  | 3500.01                 | 117.5                   | -95.26                 | 167.494   | 22.24      | 30               |
|            | 633666  | 3504.99                 | 117.44                  | -95.26                 | 165.196   | 22.18      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 100 MHz**

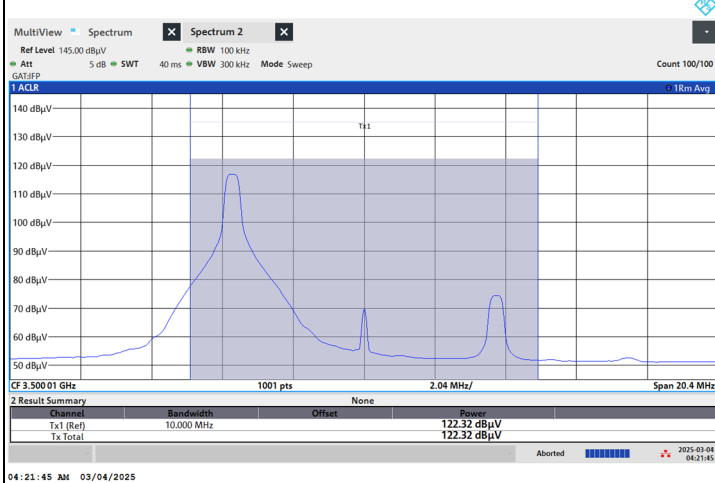
| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| BPSK       | 633334  | 3500.01                 | 122.47                  | -95.26                 | 526.017   | 27.21      | 30               |
| QPSK       | 633334  | 3500.01                 | 122.21                  | -95.26                 | 495.45    | 26.95      | 30               |
| 16QAM      | 633334  | 3500.01                 | 121.25                  | -95.26                 | 397.192   | 25.99      | 30               |
| 64QAM      | 633334  | 3500.01                 | 120.39                  | -95.26                 | 325.837   | 25.13      | 30               |
| 256QAM     | 633334  | 3500.01                 | 117.55                  | -95.26                 | 169.434   | 22.29      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

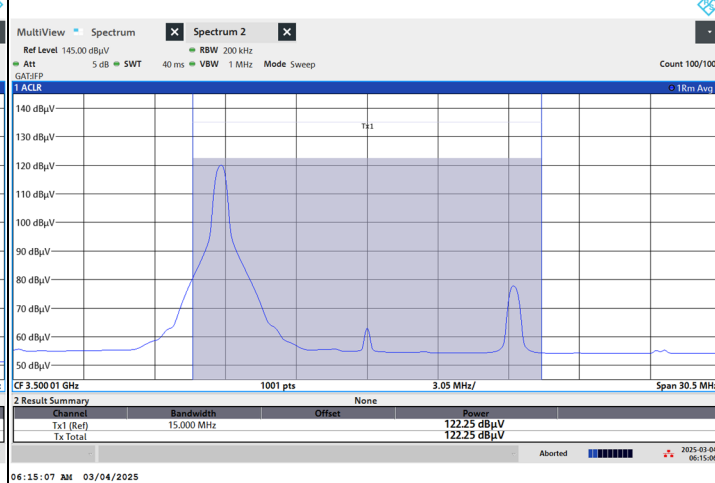
## Spectrum Plot of Worst Value

### 10 MHz BPSK CH 633334



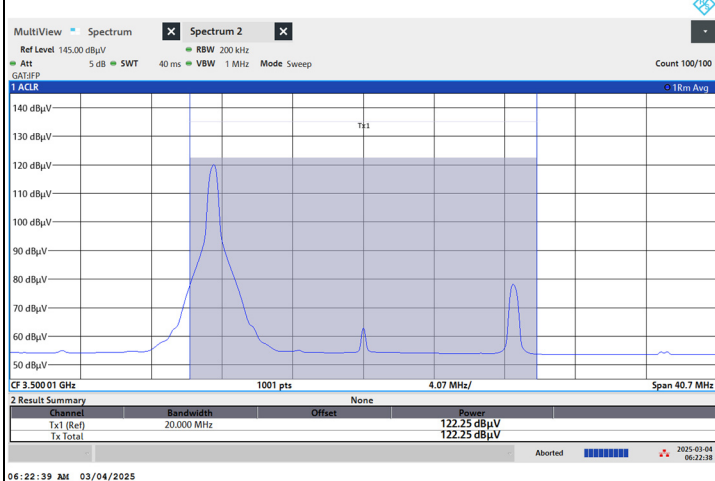
04:21:45 AM 03/04/2025

### 15 MHz BPSK CH 633334



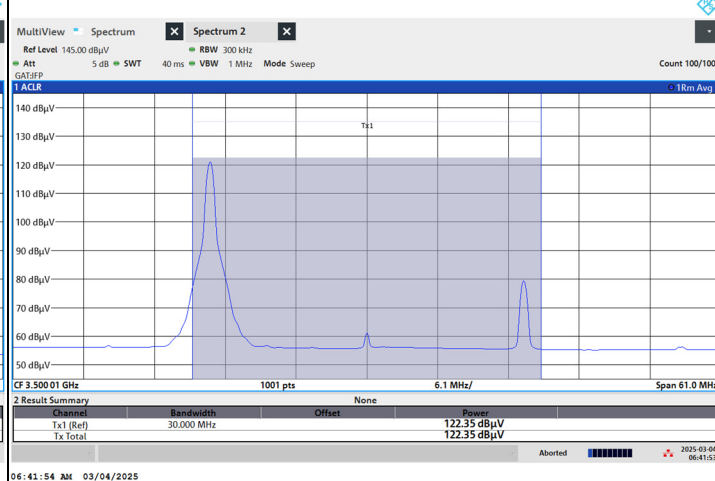
06:15:07 AM 03/04/2025

### 20 MHz BPSK CH 633334



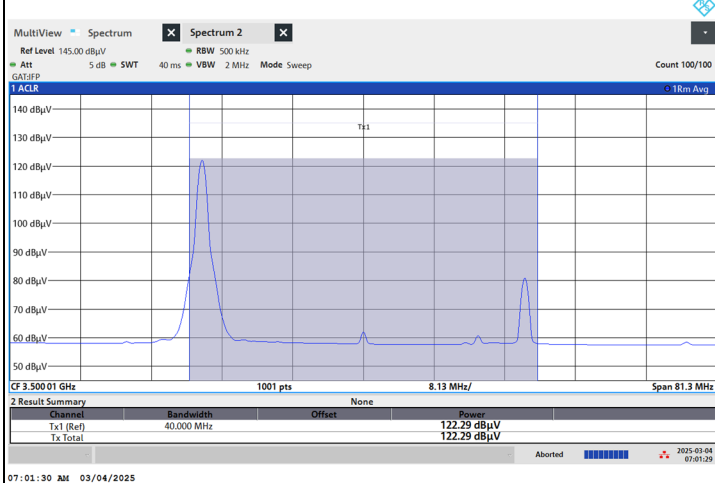
06:22:39 AM 03/04/2025

### 30 MHz BPSK CH 633334



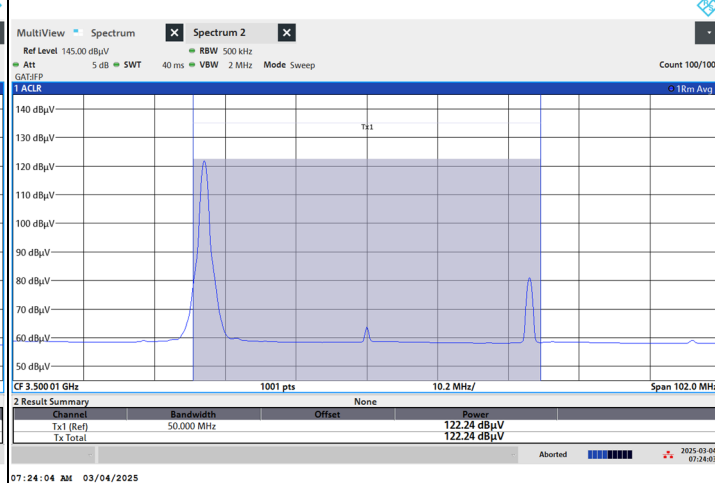
06:41:54 AM 03/04/2025

### 40 MHz BPSK CH 633334



07:01:30 AM 03/04/2025

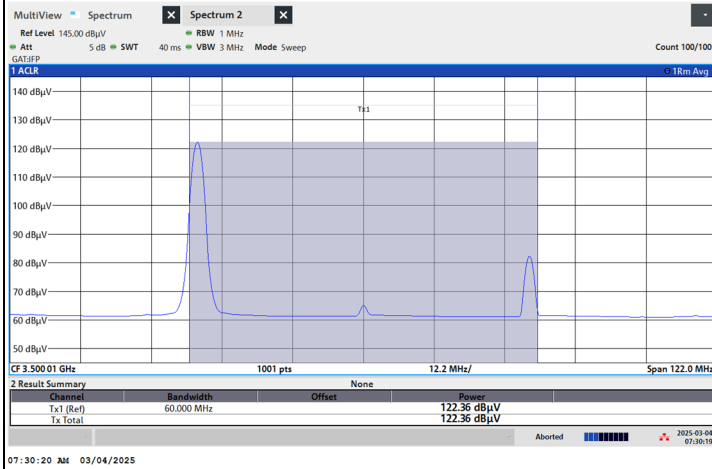
### 50 MHz BPSK CH 633334



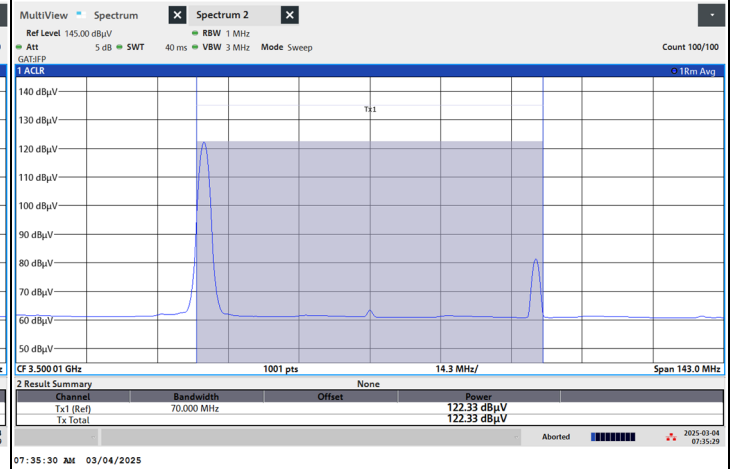
07:24:04 AM 03/04/2025

## Spectrum Plot of Worst Value

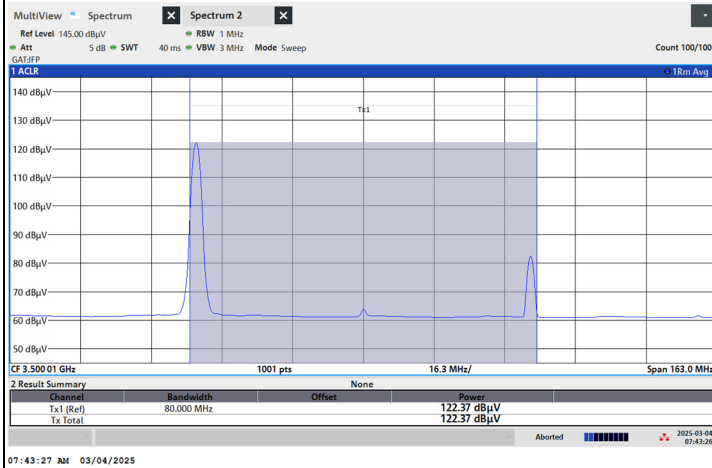
### 60 MHz BPSK CH 633334



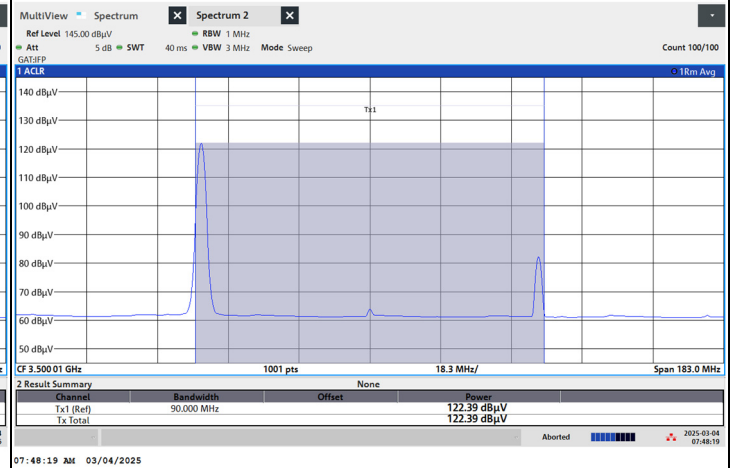
### 70 MHz BPSK CH 633334



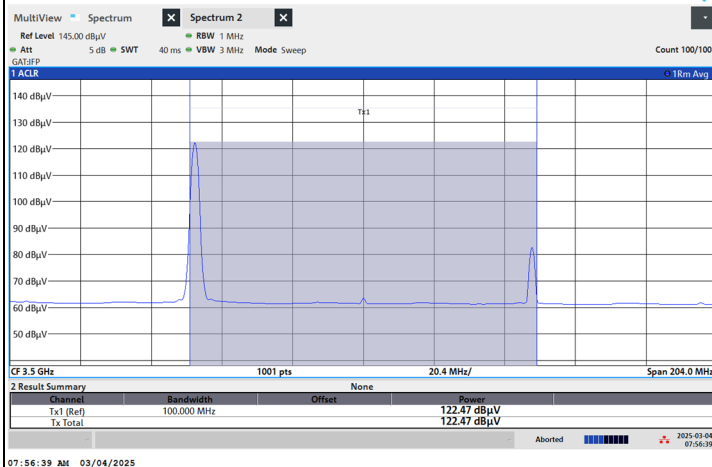
### 80 MHz BPSK CH 633334



### 90 MHz BPSK CH 633334



### 100 MHz BPSK CH 633334





# Conducted power table (for reference only)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 630334                         | CH 633334   | CH 636332   |
|            |         |           | 3455.01 MHz                       | 3500.01 MHz | 3544.98 MHz |
| BPSK       | 1       | 1         | 23.84                             | 23.87       | 23.83       |
| QPSK       | 1       | 1         | 23.95                             | 23.92       | 23.86       |
|            | 1       | 12        | 23.80                             | 24.06       | 23.72       |
|            | 1       | 23        | 23.34                             | 23.79       | 23.71       |
|            | 12      | 0         | 23.29                             | 23.54       | 23.34       |
|            | 12      | 6         | 23.40                             | 23.55       | 23.36       |
|            | 12      | 13        | 23.23                             | 23.40       | 23.27       |
|            | 24      | 0         | 23.08                             | 23.12       | 22.92       |
| 16QAM      | 1       | 1         | 22.72                             | 22.70       | 22.90       |
| 64QAM      | 1       | 1         | 21.58                             | 21.47       | 21.77       |
| 256QAM     | 1       | 1         | 20.30                             | 20.41       | 20.44       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.83                     | 23.87                     | 28.03              | 28.07              | 30               |
| QPSK         | 22.92                     | 24.06                     | 27.12              | 28.26              | 30               |
| 16QAM        | 22.7                      | 22.9                      | 26.9               | 27.1               | 30               |
| 64QAM        | 21.47                     | 21.77                     | 25.67              | 25.97              | 30               |
| 256QAM       | 20.3                      | 20.44                     | 24.5               | 24.64              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 15 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 630500                         | CH 633334   | CH 636166   |
|            |         |           | 3457.5 MHz                        | 3500.01 MHz | 3542.49 MHz |
| BPSK       | 1       | 1         | 23.96                             | 24.01       | 23.84       |
| QPSK       | 1       | 1         | 23.94                             | 24.03       | 23.89       |
|            | 1       | 19        | 23.74                             | 23.87       | 23.71       |
|            | 1       | 37        | 23.47                             | 23.63       | 23.67       |
|            | 19      | 0         | 23.15                             | 23.47       | 23.43       |
|            | 19      | 9         | 23.24                             | 23.54       | 23.39       |
|            | 19      | 18        | 23.10                             | 23.31       | 23.13       |
|            | 38      | 0         | 22.92                             | 23.16       | 22.90       |
| 16QAM      | 1       | 1         | 22.85                             | 22.72       | 22.90       |
| 64QAM      | 1       | 1         | 21.43                             | 21.41       | 21.77       |
| 256QAM     | 1       | 1         | 20.36                             | 20.30       | 20.58       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.84                     | 24.01                     | 28.04              | 28.21              | 30               |
| QPSK         | 22.9                      | 24.03                     | 27.1               | 28.23              | 30               |
| 16QAM        | 22.72                     | 22.9                      | 26.92              | 27.1               | 30               |
| 64QAM        | 21.41                     | 21.77                     | 25.61              | 25.97              | 30               |
| 256QAM       | 20.3                      | 20.58                     | 24.5               | 24.78              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 630668                         | CH 633334   | CH 636000 |
|            |         |           | 3460.02 MHz                       | 3500.01 MHz | 3540 MHz  |
| BPSK       | 1       | 1         | 23.91                             | 24.03       | 23.97     |
| QPSK       | 1       | 1         | 24.00                             | 24.06       | 23.90     |
|            | 1       | 26        | 23.71                             | 23.88       | 23.76     |
|            | 1       | 49        | 23.42                             | 23.74       | 23.53     |
|            | 25      | 0         | 23.23                             | 23.41       | 23.40     |
|            | 25      | 13        | 23.29                             | 23.42       | 23.39     |
|            | 25      | 26        | 23.21                             | 23.23       | 23.22     |
|            | 50      | 0         | 22.99                             | 23.00       | 22.96     |
| 16QAM      | 1       | 1         | 22.91                             | 22.75       | 22.79     |
| 64QAM      | 1       | 1         | 21.56                             | 21.48       | 21.73     |
| 256QAM     | 1       | 1         | 20.37                             | 20.24       | 20.43     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.91                     | 24.03                     | 28.11              | 28.23              | 30               |
| QPSK         | 22.96                     | 24.06                     | 27.16              | 28.26              | 30               |
| 16QAM        | 22.75                     | 22.91                     | 26.95              | 27.11              | 30               |
| 64QAM        | 21.48                     | 21.73                     | 25.68              | 25.93              | 30               |
| 256QAM       | 20.24                     | 20.43                     | 24.44              | 24.63              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 631000                         | CH 633334   | CH 635666   |
|            |         |           | 3465 MHz                          | 3500.01 MHz | 3534.99 MHz |
| BPSK       | 1       | 1         | 23.96                             | 23.88       | 24.01       |
| QPSK       | 1       | 1         | 24.03                             | 23.99       | 23.99       |
|            | 1       | 39        | 23.70                             | 23.90       | 23.62       |
|            | 1       | 76        | 23.37                             | 23.65       | 23.52       |
|            | 36      | 0         | 23.10                             | 23.40       | 23.36       |
|            | 36      | 21        | 23.24                             | 23.37       | 23.37       |
|            | 36      | 42        | 23.25                             | 23.23       | 23.27       |
|            | 75      | 0         | 23.07                             | 23.10       | 22.88       |
| 16QAM      | 1       | 1         | 22.81                             | 22.61       | 22.92       |
| 64QAM      | 1       | 1         | 21.55                             | 21.38       | 21.79       |
| 256QAM     | 1       | 1         | 20.24                             | 20.32       | 20.41       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.88                     | 24.01                     | 28.08              | 28.21              | 30               |
| QPSK         | 22.88                     | 24.03                     | 27.08              | 28.23              | 30               |
| 16QAM        | 22.61                     | 22.92                     | 26.81              | 27.12              | 30               |
| 64QAM        | 21.38                     | 21.79                     | 25.58              | 25.99              | 30               |
| 256QAM       | 20.24                     | 20.41                     | 24.44              | 24.61              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 631334                         | CH 633334   | CH 635332   |
|            |         |           | 3470.01 MHz                       | 3500.01 MHz | 3529.98 MHz |
| BPSK       | 1       | 1         | 23.89                             | 23.90       | 23.93       |
| QPSK       | 1       | 1         | 23.93                             | 23.84       | 23.94       |
|            | 1       | 53        | 23.83                             | 23.91       | 23.74       |
|            | 1       | 104       | 23.37                             | 23.76       | 23.65       |
|            | 50      | 0         | 23.23                             | 23.47       | 23.46       |
|            | 50      | 28        | 23.37                             | 23.37       | 23.37       |
|            | 50      | 56        | 23.24                             | 23.25       | 23.26       |
|            | 100     | 0         | 22.99                             | 23.05       | 22.93       |
| 16QAM      | 1       | 1         | 22.73                             | 22.66       | 22.82       |
| 64QAM      | 1       | 1         | 21.60                             | 21.39       | 21.71       |
| 256QAM     | 1       | 1         | 20.25                             | 20.27       | 20.43       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.89                     | 23.93                     | 28.09              | 28.13              | 30               |
| QPSK         | 22.93                     | 23.94                     | 27.13              | 28.14              | 30               |
| 16QAM        | 22.66                     | 22.82                     | 26.86              | 27.02              | 30               |
| 64QAM        | 21.39                     | 21.71                     | 25.59              | 25.91              | 30               |
| 256QAM       | 20.25                     | 20.43                     | 24.45              | 24.63              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 631668                         | CH 633334   | CH 635000 |
|            |         |           | 3475.02 MHz                       | 3500.01 MHz | 3525 MHz  |
| BPSK       | 1       | 1         | 23.83                             | 23.99       | 23.83     |
| QPSK       | 1       | 1         | 24.03                             | 23.95       | 23.93     |
|            | 1       | 67        | 23.73                             | 23.91       | 23.67     |
|            | 1       | 131       | 23.42                             | 23.74       | 23.71     |
|            | 64      | 0         | 23.23                             | 23.43       | 23.43     |
|            | 64      | 35        | 23.37                             | 23.36       | 23.40     |
|            | 64      | 69        | 23.11                             | 23.41       | 23.12     |
|            | 128     | 0         | 22.99                             | 23.02       | 23.01     |
| 16QAM      | 1       | 1         | 22.78                             | 22.78       | 22.96     |
| 64QAM      | 1       | 1         | 21.44                             | 21.35       | 21.64     |
| 256QAM     | 1       | 1         | 20.26                             | 20.28       | 20.41     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.83                     | 23.99                     | 28.03              | 28.19              | 30               |
| QPSK         | 22.99                     | 24.03                     | 27.19              | 28.23              | 30               |
| 16QAM        | 22.78                     | 22.96                     | 26.98              | 27.16              | 30               |
| 64QAM        | 21.35                     | 21.64                     | 25.55              | 25.84              | 30               |
| 256QAM       | 20.26                     | 20.41                     | 24.46              | 24.61              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 632000                         | CH 633334   | CH 634666   |
|            |         |           | 3480 MHz                          | 3500.01 MHz | 3519.99 MHz |
| BPSK       | 1       | 1         | 24.00                             | 23.90       | 23.87       |
| QPSK       | 1       | 1         | 23.98                             | 23.94       | 24.04       |
|            | 1       | 81        | 23.71                             | 23.88       | 23.68       |
|            | 1       | 160       | 23.32                             | 23.65       | 23.57       |
|            | 81      | 0         | 23.18                             | 23.53       | 23.38       |
|            | 81      | 41        | 23.22                             | 23.45       | 23.31       |
|            | 81      | 81        | 23.16                             | 23.31       | 23.14       |
|            | 162     | 0         | 23.09                             | 23.07       | 23.01       |
| 16QAM      | 1       | 1         | 22.90                             | 22.75       | 22.93       |
| 64QAM      | 1       | 1         | 21.53                             | 21.39       | 21.80       |
| 256QAM     | 1       | 1         | 20.36                             | 20.33       | 20.58       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.87                     | 24                        | 28.07              | 28.2               | 30               |
| QPSK         | 23.01                     | 24.04                     | 27.21              | 28.24              | 30               |
| 16QAM        | 22.75                     | 22.93                     | 26.95              | 27.13              | 30               |
| 64QAM        | 21.39                     | 21.8                      | 25.59              | 26                 | 30               |
| 256QAM       | 20.33                     | 20.58                     | 24.53              | 24.78              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 632334                         | CH 633334   | CH 634332   |
|            |         |           | 3485.01 MHz                       | 3500.01 MHz | 3514.98 MHz |
| BPSK       | 1       | 1         | 23.89                             | 24.02       | 23.94       |
| QPSK       | 1       | 1         | 23.93                             | 23.91       | 23.85       |
|            | 1       | 95        | 23.78                             | 23.90       | 23.72       |
|            | 1       | 187       | 23.40                             | 23.77       | 23.69       |
|            | 90      | 0         | 23.17                             | 23.38       | 23.31       |
|            | 90      | 50        | 23.34                             | 23.40       | 23.41       |
|            | 90      | 99        | 23.18                             | 23.36       | 23.27       |
|            | 180     | 0         | 23.03                             | 23.12       | 22.94       |
| 16QAM      | 1       | 1         | 22.78                             | 22.67       | 22.79       |
| 64QAM      | 1       | 1         | 21.52                             | 21.42       | 21.75       |
| 256QAM     | 1       | 1         | 20.32                             | 20.27       | 20.46       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.89                     | 24.02                     | 28.09              | 28.22              | 30               |
| QPSK         | 22.94                     | 23.93                     | 27.14              | 28.13              | 30               |
| 16QAM        | 22.67                     | 22.79                     | 26.87              | 26.99              | 30               |
| 64QAM        | 21.42                     | 21.75                     | 25.62              | 25.95              | 30               |
| 256QAM       | 20.27                     | 20.46                     | 24.47              | 24.66              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 632668                         | CH 633334   | CH 634000 |
|            |         |           | 3490.02 MHz                       | 3500.01 MHz | 3510 MHz  |
| BPSK       | 1       | 1         | 23.83                             | 23.97       | 23.98     |
| QPSK       | 1       | 1         | 23.88                             | 23.97       | 23.94     |
|            | 1       | 109       | 23.73                             | 23.95       | 23.59     |
|            | 1       | 215       | 23.38                             | 23.74       | 23.52     |
|            | 108     | 0         | 23.12                             | 23.54       | 23.37     |
|            | 108     | 55        | 23.21                             | 23.52       | 23.43     |
|            | 108     | 109       | 23.25                             | 23.22       | 23.22     |
|            | 216     | 0         | 22.99                             | 22.98       | 22.83     |
| 16QAM      | 1       | 1         | 22.85                             | 22.77       | 22.92     |
| 64QAM      | 1       | 1         | 21.57                             | 21.51       | 21.73     |
| 256QAM     | 1       | 1         | 20.31                             | 20.40       | 20.60     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.83                     | 23.98                     | 28.03              | 28.18              | 30               |
| QPSK         | 22.83                     | 23.97                     | 27.03              | 28.17              | 30               |
| 16QAM        | 22.77                     | 22.92                     | 26.97              | 27.12              | 30               |
| 64QAM        | 21.51                     | 21.73                     | 25.71              | 25.93              | 30               |
| 256QAM       | 20.31                     | 20.6                      | 24.51              | 24.8               | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 633000                         | CH 633334   | CH 633666   |
|            |         |           | 3495 MHz                          | 3500.01 MHz | 3504.99 MHz |
| BPSK       | 1       | 1         | 23.87                             | 23.95       | 23.85       |
| QPSK       | 1       | 1         | 24.07                             | 23.97       | 24.00       |
|            | 1       | 123       | 23.75                             | 24.00       | 23.64       |
|            | 1       | 243       | 23.47                             | 23.63       | 23.58       |
|            | 120     | 0         | 23.16                             | 23.45       | 23.35       |
|            | 120     | 63        | 23.25                             | 23.47       | 23.30       |
|            | 120     | 125       | 23.12                             | 23.29       | 23.20       |
|            | 243     | 0         | 23.02                             | 23.01       | 22.91       |
| 16QAM      | 1       | 1         | 22.80                             | 22.67       | 22.88       |
| 64QAM      | 1       | 1         | 21.51                             | 21.44       | 21.81       |
| 256QAM     | 1       | 1         | 20.23                             | 20.33       | 20.56       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 23.85                     | 23.95                     | 28.05              | 28.15              | 30               |
| QPSK         | 22.91                     | 24.07                     | 27.11              | 28.27              | 30               |
| 16QAM        | 22.67                     | 22.88                     | 26.87              | 27.08              | 30               |
| 64QAM        | 21.44                     | 21.81                     | 25.64              | 26.01              | 30               |
| 256QAM       | 20.23                     | 20.56                     | 24.43              | 24.76              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|------------|---------|-----------|-----------------------------------|
|            |         |           | CH 633334                         |
|            |         |           | 3500.01 MHz                       |
| BPSK       | 1       | 1         | 24.08                             |
| QPSK       | 1       | 1         | 24.                               |
|            | 1       | 137       | 24.07                             |
|            | 1       | 271       | 23.80                             |
|            | 135     | 0         | 23.58                             |
|            | 135     | 69        | 23.56                             |
|            | 135     | 138       | 23.42                             |
|            | 270     | 0         | 23.18                             |
| 16QAM      | 1       | 1         | 22.81                             |
| 64QAM      | 1       | 1         | 21.54                             |
| 256QAM     | 1       | 1         | 20.43                             |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 24.08                     | 24.08                     | 28.28              | 28.28              | 30               |
| QPSK         | 23.18                     | 24.07                     | 27.38              | 28.27              | 30               |
| 16QAM        | 22.81                     | 22.81                     | 27.01              | 27.01              | 30               |
| 64QAM        | 21.54                     | 21.54                     | 25.74              | 25.74              | 30               |
| 256QAM       | 20.43                     | 20.43                     | 24.63              | 24.63              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 10 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 630334                         | CH 633334   | CH 636332   |
|            |         |           | 3455.01 MHz                       | 3500.01 MHz | 3544.98 MHz |
| BPSK       | 1       | 1         | 20.90                             | 20.94       | 20.95       |
| QPSK       | 1       | 1         | 20.86                             | 20.89       | 20.85       |
|            | 1       | 12        | 20.28                             | 20.62       | 20.59       |
|            | 1       | 23        | 20.34                             | 20.66       | 20.40       |
|            | 12      | 0         | 20.45                             | 20.52       | 20.38       |
|            | 12      | 6         | 20.04                             | 20.25       | 20.11       |
|            | 12      | 13        | 19.87                             | 20.03       | 19.82       |
|            | 24      | 0         | 19.80                             | 19.83       | 19.79       |
| 16QAM      | 1       | 1         | 19.58                             | 19.81       | 19.61       |
| 64QAM      | 1       | 1         | 18.43                             | 18.89       | 18.44       |
| 256QAM     | 1       | 1         | 17.52                             | 17.54       | 17.16       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.9                      | 20.95                     | 25.1               | 25.15              | 30               |
| QPSK         | 19.79                     | 20.89                     | 23.99              | 25.09              | 30               |
| 16QAM        | 19.58                     | 19.81                     | 23.78              | 24.01              | 30               |
| 64QAM        | 18.43                     | 18.89                     | 22.63              | 23.09              | 30               |
| 256QAM       | 17.16                     | 17.54                     | 21.36              | 21.74              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 15 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 630500                         | CH 633334   | CH 636166   |
|            |         |           | 3457.5 MHz                        | 3500.01 MHz | 3542.49 MHz |
| BPSK       | 1       | 1         | 20.85                             | 20.94       | 21.01       |
| QPSK       | 1       | 1         | 20.80                             | 20.85       | 20.88       |
|            | 1       | 19        | 20.35                             | 20.62       | 20.57       |
|            | 1       | 37        | 20.39                             | 20.52       | 20.41       |
|            | 19      | 0         | 20.46                             | 20.49       | 20.23       |
|            | 19      | 9         | 20.00                             | 20.15       | 20.10       |
|            | 19      | 18        | 19.98                             | 20.06       | 19.81       |
|            | 38      | 0         | 19.79                             | 19.87       | 19.78       |
| 16QAM      | 1       | 1         | 19.66                             | 19.98       | 19.65       |
| 64QAM      | 1       | 1         | 18.34                             | 18.77       | 18.55       |
| 256QAM     | 1       | 1         | 17.38                             | 17.59       | 17.25       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.85                     | 21.01                     | 25.05              | 25.21              | 30               |
| QPSK         | 19.78                     | 20.88                     | 23.98              | 25.08              | 30               |
| 16QAM        | 19.65                     | 19.98                     | 23.85              | 24.18              | 30               |
| 64QAM        | 18.34                     | 18.77                     | 22.54              | 22.97              | 30               |
| 256QAM       | 17.25                     | 17.59                     | 21.45              | 21.79              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 630668                         | CH 633334   | CH 636000 |
|            |         |           | 3460.02 MHz                       | 3500.01 MHz | 3540 MHz  |
| BPSK       | 1       | 1         | 20.98                             | 21.06       | 20.99     |
| QPSK       | 1       | 1         | 20.81                             | 21.00       | 20.91     |
|            | 1       | 26        | 20.45                             | 20.62       | 20.65     |
|            | 1       | 49        | 20.37                             | 20.63       | 20.48     |
|            | 25      | 0         | 20.33                             | 20.43       | 20.28     |
|            | 25      | 13        | 20.00                             | 20.21       | 19.95     |
|            | 25      | 26        | 19.85                             | 19.99       | 19.77     |
|            | 50      | 0         | 19.67                             | 19.80       | 19.71     |
| 16QAM      | 1       | 1         | 19.66                             | 19.87       | 19.63     |
| 64QAM      | 1       | 1         | 18.45                             | 18.80       | 18.51     |
| 256QAM     | 1       | 1         | 17.43                             | 17.57       | 17.30     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.98                     | 21.06                     | 25.18              | 25.26              | 30               |
| QPSK         | 19.67                     | 21                        | 23.87              | 25.2               | 30               |
| 16QAM        | 19.63                     | 19.87                     | 23.83              | 24.07              | 30               |
| 64QAM        | 18.45                     | 18.8                      | 22.65              | 23                 | 30               |
| 256QAM       | 17.3                      | 17.57                     | 21.5               | 21.77              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 631000                         | CH 633334   | CH 635666   |
|            |         |           | 3465 MHz                          | 3500.01 MHz | 3534.99 MHz |
| BPSK       | 1       | 1         | 20.89                             | 20.98       | 21.04       |
| QPSK       | 1       | 1         | 20.94                             | 20.89       | 20.87       |
|            | 1       | 39        | 20.26                             | 20.67       | 20.63       |
|            | 1       | 76        | 20.31                             | 20.62       | 20.34       |
|            | 36      | 0         | 20.39                             | 20.43       | 20.35       |
|            | 36      | 21        | 20.13                             | 20.16       | 20.01       |
|            | 36      | 42        | 19.85                             | 19.99       | 19.90       |
|            | 75      | 0         | 19.67                             | 19.92       | 19.81       |
| 16QAM      | 1       | 1         | 19.48                             | 19.89       | 19.61       |
| 64QAM      | 1       | 1         | 18.41                             | 18.84       | 18.53       |
| 256QAM     | 1       | 1         | 17.42                             | 17.46       | 17.22       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.89                     | 21.04                     | 25.09              | 25.24              | 30               |
| QPSK         | 19.67                     | 20.94                     | 23.87              | 25.14              | 30               |
| 16QAM        | 19.48                     | 19.89                     | 23.68              | 24.09              | 30               |
| 64QAM        | 18.41                     | 18.84                     | 22.61              | 23.04              | 30               |
| 256QAM       | 17.22                     | 17.46                     | 21.42              | 21.66              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 631334                         | CH 633334   | CH 635332   |
|            |         |           | 3470.01 MHz                       | 3500.01 MHz | 3529.98 MHz |
| BPSK       | 1       | 1         | 20.90                             | 21.04       | 20.89       |
| QPSK       | 1       | 1         | 20.87                             | 20.96       | 20.98       |
|            | 1       | 53        | 20.37                             | 20.73       | 20.66       |
|            | 1       | 104       | 20.25                             | 20.62       | 20.49       |
|            | 50      | 0         | 20.40                             | 20.36       | 20.28       |
|            | 50      | 28        | 20.15                             | 20.09       | 19.97       |
|            | 50      | 56        | 19.95                             | 20.12       | 19.92       |
|            | 100     | 0         | 19.63                             | 19.83       | 19.74       |
| 16QAM      | 1       | 1         | 19.55                             | 19.97       | 19.78       |
| 64QAM      | 1       | 1         | 18.43                             | 18.79       | 18.59       |
| 256QAM     | 1       | 1         | 17.47                             | 17.57       | 17.23       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.89                     | 21.04                     | 25.09              | 25.24              | 30               |
| QPSK         | 19.63                     | 20.98                     | 23.83              | 25.18              | 30               |
| 16QAM        | 19.55                     | 19.97                     | 23.75              | 24.17              | 30               |
| 64QAM        | 18.43                     | 18.79                     | 22.63              | 22.99              | 30               |
| 256QAM       | 17.23                     | 17.57                     | 21.43              | 21.77              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 631668                         | CH 633334   | CH 635000 |
|            |         |           | 3475.02 MHz                       | 3500.01 MHz | 3525 MHz  |
| BPSK       | 1       | 1         | 20.84                             | 20.99       | 20.97     |
| QPSK       | 1       | 1         | 20.98                             | 21.03       | 20.88     |
|            | 1       | 67        | 20.40                             | 20.63       | 20.73     |
|            | 1       | 131       | 20.23                             | 20.50       | 20.45     |
|            | 64      | 0         | 20.45                             | 20.38       | 20.32     |
|            | 64      | 35        | 20.09                             | 20.16       | 20.08     |
|            | 64      | 69        | 19.89                             | 20.13       | 19.87     |
|            | 128     | 0         | 19.81                             | 19.91       | 19.80     |
| 16QAM      | 1       | 1         | 19.57                             | 20.00       | 19.72     |
| 64QAM      | 1       | 1         | 18.48                             | 18.82       | 18.49     |
| 256QAM     | 1       | 1         | 17.49                             | 17.50       | 17.17     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.84                     | 20.99                     | 25.04              | 25.19              | 30               |
| QPSK         | 19.8                      | 21.03                     | 24                 | 25.23              | 30               |
| 16QAM        | 19.57                     | 20                        | 23.77              | 24.2               | 30               |
| 64QAM        | 18.48                     | 18.82                     | 22.68              | 23.02              | 30               |
| 256QAM       | 17.17                     | 17.5                      | 21.37              | 21.7               | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 632000                         | CH 633334   | CH 634666   |
|            |         |           | 3480 MHz                          | 3500.01 MHz | 3519.99 MHz |
| BPSK       | 1       | 1         | 20.89                             | 20.93       | 21.03       |
| QPSK       | 1       | 1         | 20.83                             | 20.93       | 20.94       |
|            | 1       | 81        | 20.37                             | 20.71       | 20.67       |
|            | 1       | 160       | 20.37                             | 20.55       | 20.43       |
|            | 81      | 0         | 20.34                             | 20.42       | 20.28       |
|            | 81      | 41        | 20.04                             | 20.26       | 20.00       |
|            | 81      | 81        | 19.86                             | 20.08       | 19.91       |
|            | 162     | 0         | 19.78                             | 19.79       | 19.78       |
| 16QAM      | 1       | 1         | 19.67                             | 19.85       | 19.68       |
| 64QAM      | 1       | 1         | 18.49                             | 18.81       | 18.45       |
| 256QAM     | 1       | 1         | 17.35                             | 17.42       | 17.19       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.89                     | 21.03                     | 25.09              | 25.23              | 30               |
| QPSK         | 19.78                     | 20.94                     | 23.98              | 25.14              | 30               |
| 16QAM        | 19.67                     | 19.85                     | 23.87              | 24.05              | 30               |
| 64QAM        | 18.45                     | 18.81                     | 22.65              | 23.01              | 30               |
| 256QAM       | 17.19                     | 17.42                     | 21.39              | 21.62              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 632334                         | CH 633334   | CH 634332   |
|            |         |           | 3485.01 MHz                       | 3500.01 MHz | 3514.98 MHz |
| BPSK       | 1       | 1         | 21.01                             | 20.98       | 20.93       |
| QPSK       | 1       | 1         | 20.94                             | 21.02       | 20.80       |
|            | 1       | 95        | 20.30                             | 20.74       | 20.59       |
|            | 1       | 187       | 20.23                             | 20.56       | 20.37       |
|            | 90      | 0         | 20.38                             | 20.38       | 20.29       |
|            | 90      | 50        | 20.14                             | 20.27       | 20.10       |
|            | 90      | 99        | 19.85                             | 19.96       | 19.76       |
|            | 180     | 0         | 19.78                             | 19.85       | 19.68       |
| 16QAM      | 1       | 1         | 19.53                             | 19.91       | 19.66       |
| 64QAM      | 1       | 1         | 18.34                             | 18.71       | 18.50       |
| 256QAM     | 1       | 1         | 17.36                             | 17.45       | 17.32       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.93                     | 21.01                     | 25.13              | 25.21              | 30               |
| QPSK         | 19.68                     | 21.02                     | 23.88              | 25.22              | 30               |
| 16QAM        | 19.53                     | 19.91                     | 23.73              | 24.11              | 30               |
| 64QAM        | 18.34                     | 18.71                     | 22.54              | 22.91              | 30               |
| 256QAM       | 17.32                     | 17.45                     | 21.52              | 21.65              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |           |
|------------|---------|-----------|-----------------------------------|-------------|-----------|
|            |         |           | CH 632668                         | CH 633334   | CH 634000 |
|            |         |           | 3490.02 MHz                       | 3500.01 MHz | 3510 MHz  |
| BPSK       | 1       | 1         | 20.97                             | 21.03       | 20.87     |
| QPSK       | 1       | 1         | 20.95                             | 20.96       | 20.81     |
|            | 1       | 109       | 20.35                             | 20.62       | 20.68     |
|            | 1       | 215       | 20.39                             | 20.49       | 20.41     |
|            | 108     | 0         | 20.36                             | 20.47       | 20.32     |
|            | 108     | 55        | 20.09                             | 20.22       | 20.03     |
|            | 108     | 109       | 19.92                             | 20.09       | 19.90     |
|            | 216     | 0         | 19.64                             | 19.82       | 19.77     |
| 16QAM      | 1       | 1         | 19.56                             | 19.92       | 19.65     |
| 64QAM      | 1       | 1         | 18.34                             | 18.87       | 18.59     |
| 256QAM     | 1       | 1         | 17.49                             | 17.47       | 17.15     |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.87                     | 21.03                     | 25.07              | 25.23              | 30               |
| QPSK         | 19.64                     | 20.96                     | 23.84              | 25.16              | 30               |
| 16QAM        | 19.56                     | 19.92                     | 23.76              | 24.12              | 30               |
| 64QAM        | 18.34                     | 18.87                     | 22.54              | 23.07              | 30               |
| 256QAM       | 17.15                     | 17.49                     | 21.35              | 21.69              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |             |             |
|------------|---------|-----------|-----------------------------------|-------------|-------------|
|            |         |           | CH 633000                         | CH 633334   | CH 633666   |
|            |         |           | 3495 MHz                          | 3500.01 MHz | 3504.99 MHz |
| BPSK       | 1       | 1         | 21.02                             | 20.96       | 20.98       |
| QPSK       | 1       | 1         | 20.85                             | 20.92       | 20.88       |
|            | 1       | 123       | 20.26                             | 20.66       | 20.61       |
|            | 1       | 243       | 20.32                             | 20.64       | 20.49       |
|            | 120     | 0         | 20.38                             | 20.41       | 20.25       |
|            | 120     | 63        | 19.97                             | 20.23       | 20.09       |
|            | 120     | 125       | 19.91                             | 20.00       | 19.92       |
|            | 243     | 0         | 19.79                             | 19.95       | 19.82       |
| 16QAM      | 1       | 1         | 19.55                             | 19.92       | 19.73       |
| 64QAM      | 1       | 1         | 18.39                             | 18.79       | 18.58       |
| 256QAM     | 1       | 1         | 17.47                             | 17.43       | 17.21       |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 20.96                     | 21.02                     | 25.16              | 25.22              | 30               |
| QPSK         | 19.79                     | 20.92                     | 23.99              | 25.12              | 30               |
| 16QAM        | 19.55                     | 19.92                     | 23.75              | 24.12              | 30               |
| 64QAM        | 18.39                     | 18.79                     | 22.59              | 22.99              | 30               |
| 256QAM       | 17.21                     | 17.47                     | 21.41              | 21.67              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |
|------------|---------|-----------|-----------------------------------|
|            |         |           | CH 633334                         |
|            |         |           | 3500.01 MHz                       |
| BPSK       | 1       | 1         | 21.11                             |
| QPSK       | 1       | 1         | 21.04                             |
|            | 1       | 137       | 20.75                             |
|            | 1       | 271       | 20.69                             |
|            | 135     | 0         | 20.55                             |
|            | 135     | 69        | 20.28                             |
|            | 135     | 138       | 20.16                             |
|            | 270     | 0         | 19.98                             |
| 16QAM      | 1       | 1         | 20.01                             |
| 64QAM      | 1       | 1         | 18.91                             |
| 256QAM     | 1       | 1         | 17.61                             |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| BPSK         | 21.11                     | 21.11                     | 25.31              | 25.31              | 30               |
| QPSK         | 19.98                     | 21.04                     | 24.18              | 25.24              | 30               |
| 16QAM        | 20.01                     | 20.01                     | 24.21              | 24.21              | 30               |
| 64QAM        | 18.91                     | 18.91                     | 23.11              | 23.11              | 30               |
| 256QAM       | 17.61                     | 17.61                     | 21.81              | 21.81              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

## 2TX

7.1.10NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 10 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 630334  | 3455.01                 | 122.8                   | -95.26                 | 567.545   | 27.54      | 30               |
|            | 633334  | 3500.01                 | 122.97                  | -95.26                 | 590.201   | 27.71      | 30               |
|            | 636332  | 3544.98                 | 122.81                  | -95.26                 | 568.853   | 27.55      | 30               |
| 16QAM      | 630334  | 3455.01                 | 122.45                  | -95.26                 | 523.6     | 27.19      | 30               |
|            | 633334  | 3500.01                 | 122.37                  | -95.26                 | 514.044   | 27.11      | 30               |
|            | 636332  | 3544.98                 | 122.27                  | -95.26                 | 502.343   | 27.01      | 30               |
| 64QAM      | 630334  | 3455.01                 | 120.39                  | -95.26                 | 325.837   | 25.13      | 30               |
|            | 633334  | 3500.01                 | 120.33                  | -95.26                 | 321.366   | 25.07      | 30               |
|            | 636332  | 3544.98                 | 120.19                  | -95.26                 | 311.172   | 24.93      | 30               |
| 256QAM     | 630334  | 3455.01                 | 117.09                  | -95.26                 | 152.405   | 21.83      | 30               |
|            | 633334  | 3500.01                 | 117.04                  | -95.26                 | 150.661   | 21.78      | 30               |
|            | 636332  | 3544.98                 | 116.87                  | -95.26                 | 144.877   | 21.61      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 15 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 630500  | 3457.5                  | 122.89                  | -95.26                 | 579.429   | 27.63      | 30               |
|            | 633334  | 3500.01                 | 122.9                   | -95.26                 | 580.764   | 27.64      | 30               |
|            | 636166  | 3542.49                 | 122.86                  | -95.26                 | 575.44    | 27.6       | 30               |
| 16QAM      | 630500  | 3457.5                  | 122.39                  | -95.26                 | 516.416   | 27.13      | 30               |
|            | 633334  | 3500.01                 | 122.37                  | -95.26                 | 514.044   | 27.11      | 30               |
|            | 636166  | 3542.49                 | 122.24                  | -95.26                 | 498.884   | 26.98      | 30               |
| 64QAM      | 630500  | 3457.5                  | 120.39                  | -95.26                 | 325.837   | 25.13      | 30               |
|            | 633334  | 3500.01                 | 120.51                  | -95.26                 | 334.965   | 25.25      | 30               |
|            | 636166  | 3542.49                 | 120.2                   | -95.26                 | 311.889   | 24.94      | 30               |
| 256QAM     | 630500  | 3457.5                  | 117.08                  | -95.26                 | 152.055   | 21.82      | 30               |
|            | 633334  | 3500.01                 | 117.08                  | -95.26                 | 152.055   | 21.82      | 30               |
|            | 636166  | 3542.49                 | 116.93                  | -95.26                 | 146.893   | 21.67      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 20 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 630668  | 3460.02                 | 122.97                  | -95.26                 | 590.201   | 27.71      | 30               |
|            | 633334  | 3500.01                 | 122.86                  | -95.26                 | 575.44    | 27.6       | 30               |
|            | 636000  | 3540                    | 122.75                  | -95.26                 | 561.048   | 27.49      | 30               |
| 16QAM      | 630668  | 3460.02                 | 122.35                  | -95.26                 | 511.682   | 27.09      | 30               |
|            | 633334  | 3500.01                 | 122.43                  | -95.26                 | 521.195   | 27.17      | 30               |
|            | 636000  | 3540                    | 122.18                  | -95.26                 | 492.04    | 26.92      | 30               |
| 64QAM      | 630668  | 3460.02                 | 120.47                  | -95.26                 | 331.894   | 25.21      | 30               |
|            | 633334  | 3500.01                 | 120.41                  | -95.26                 | 327.341   | 25.15      | 30               |
|            | 636000  | 3540                    | 120.15                  | -95.26                 | 308.319   | 24.89      | 30               |
| 256QAM     | 630668  | 3460.02                 | 116.92                  | -95.26                 | 146.555   | 21.66      | 30               |
|            | 633334  | 3500.01                 | 116.94                  | -95.26                 | 147.231   | 21.68      | 30               |
|            | 636000  | 3540                    | 116.88                  | -95.26                 | 145.211   | 21.62      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 30 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 631000  | 3465                    | 122.84                  | -95.26                 | 572.796   | 27.58      | 30               |
|            | 633334  | 3500.01                 | 123.04                  | -95.26                 | 599.791   | 27.78      | 30               |
|            | 635666  | 3534.99                 | 122.82                  | -95.26                 | 570.164   | 27.56      | 30               |
| 16QAM      | 631000  | 3465                    | 122.31                  | -95.26                 | 506.991   | 27.05      | 30               |
|            | 633334  | 3500.01                 | 122.39                  | -95.26                 | 516.416   | 27.13      | 30               |
|            | 635666  | 3534.99                 | 122.29                  | -95.26                 | 504.661   | 27.03      | 30               |
| 64QAM      | 631000  | 3465                    | 120.44                  | -95.26                 | 329.61    | 25.18      | 30               |
|            | 633334  | 3500.01                 | 120.47                  | -95.26                 | 331.894   | 25.21      | 30               |
|            | 635666  | 3534.99                 | 120.3                   | -95.26                 | 319.154   | 25.04      | 30               |
| 256QAM     | 631000  | 3465                    | 116.92                  | -95.26                 | 146.555   | 21.66      | 30               |
|            | 633334  | 3500.01                 | 116.98                  | -95.26                 | 148.594   | 21.72      | 30               |
|            | 635666  | 3534.99                 | 116.92                  | -95.26                 | 146.555   | 21.66      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 40 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dB $\mu$ V/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 631334  | 3470.01                 | 122.88                        | -95.26                 | 578.096   | 27.62      | 30               |
|            | 633334  | 3500.01                 | 122.79                        | -95.26                 | 566.239   | 27.53      | 30               |
|            | 635332  | 3529.98                 | 122.65                        | -95.26                 | 548.277   | 27.39      | 30               |
| 16QAM      | 631334  | 3470.01                 | 122.46                        | -95.26                 | 524.807   | 27.2       | 30               |
|            | 633334  | 3500.01                 | 122.48                        | -95.26                 | 527.23    | 27.22      | 30               |
|            | 635332  | 3529.98                 | 122.26                        | -95.26                 | 501.187   | 27         | 30               |
| 64QAM      | 631334  | 3470.01                 | 120.32                        | -95.26                 | 320.627   | 25.06      | 30               |
|            | 633334  | 3500.01                 | 120.4                         | -95.26                 | 326.588   | 25.14      | 30               |
|            | 635332  | 3529.98                 | 120.24                        | -95.26                 | 314.775   | 24.98      | 30               |
| 256QAM     | 631334  | 3470.01                 | 117.01                        | -95.26                 | 149.624   | 21.75      | 30               |
|            | 633334  | 3500.01                 | 117.08                        | -95.26                 | 152.055   | 21.82      | 30               |
|            | 635332  | 3529.98                 | 116.89                        | -95.26                 | 145.546   | 21.63      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dB $\mu$ V/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 50 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dB $\mu$ V/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 631668  | 3475.02                 | 122.77                        | -95.26                 | 563.638   | 27.51      | 30               |
|            | 633334  | 3500.01                 | 122.52                        | -95.26                 | 532.108   | 27.26      | 30               |
|            | 635000  | 3525                    | 122.82                        | -95.26                 | 570.164   | 27.56      | 30               |
| 16QAM      | 631668  | 3475.02                 | 122.4                         | -95.26                 | 517.607   | 27.14      | 30               |
|            | 633334  | 3500.01                 | 122.4                         | -95.26                 | 517.607   | 27.14      | 30               |
|            | 635000  | 3525                    | 122.21                        | -95.26                 | 495.45    | 26.95      | 30               |
| 64QAM      | 631668  | 3475.02                 | 120.43                        | -95.26                 | 328.852   | 25.17      | 30               |
|            | 633334  | 3500.01                 | 120.37                        | -95.26                 | 324.34    | 25.11      | 30               |
|            | 635000  | 3525                    | 120.33                        | -95.26                 | 321.366   | 25.07      | 30               |
| 256QAM     | 631668  | 3475.02                 | 117.11                        | -95.26                 | 153.109   | 21.85      | 30               |
|            | 633334  | 3500.01                 | 117.03                        | -95.26                 | 150.314   | 21.77      | 30               |
|            | 635000  | 3525                    | 116.87                        | -95.26                 | 144.877   | 21.61      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dB $\mu$ V/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 60 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 632000  | 3480                    | 122.81                  | -95.26                 | 568.853   | 27.55      | 30               |
|            | 633334  | 3500.01                 | 122.9                   | -95.26                 | 580.764   | 27.64      | 30               |
|            | 634666  | 3519.99                 | 122.87                  | -95.26                 | 576.766   | 27.61      | 30               |
| 16QAM      | 632000  | 3480                    | 122.46                  | -95.26                 | 524.807   | 27.2       | 30               |
|            | 633334  | 3500.01                 | 122.34                  | -95.26                 | 510.505   | 27.08      | 30               |
|            | 634666  | 3519.99                 | 122.34                  | -95.26                 | 510.505   | 27.08      | 30               |
| 64QAM      | 632000  | 3480                    | 120.44                  | -95.26                 | 329.61    | 25.18      | 30               |
|            | 633334  | 3500.01                 | 120.47                  | -95.26                 | 331.894   | 25.21      | 30               |
|            | 634666  | 3519.99                 | 120.17                  | -95.26                 | 309.742   | 24.91      | 30               |
| 256QAM     | 632000  | 3480                    | 116.98                  | -95.26                 | 148.594   | 21.72      | 30               |
|            | 633334  | 3500.01                 | 117.11                  | -95.26                 | 153.109   | 21.85      | 30               |
|            | 634666  | 3519.99                 | 116.92                  | -95.26                 | 146.555   | 21.66      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 70 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 632334  | 3485.01                 | 122.76                  | -95.26                 | 562.341   | 27.5       | 30               |
|            | 633334  | 3500.01                 | 122.98                  | -95.26                 | 591.562   | 27.72      | 30               |
|            | 634332  | 3514.98                 | 122.93                  | -95.26                 | 584.79    | 27.67      | 30               |
| 16QAM      | 632334  | 3485.01                 | 122.35                  | -95.26                 | 511.682   | 27.09      | 30               |
|            | 633334  | 3500.01                 | 122.31                  | -95.26                 | 506.991   | 27.05      | 30               |
|            | 634332  | 3514.98                 | 122.2                   | -95.26                 | 494.311   | 26.94      | 30               |
| 64QAM      | 632334  | 3485.01                 | 120.39                  | -95.26                 | 325.837   | 25.13      | 30               |
|            | 633334  | 3500.01                 | 120.45                  | -95.26                 | 330.37    | 25.19      | 30               |
|            | 634332  | 3514.98                 | 120.15                  | -95.26                 | 308.319   | 24.89      | 30               |
| 256QAM     | 632334  | 3485.01                 | 116.93                  | -95.26                 | 146.893   | 21.67      | 30               |
|            | 633334  | 3500.01                 | 117.06                  | -95.26                 | 151.356   | 21.8       | 30               |
|            | 634332  | 3514.98                 | 116.91                  | -95.26                 | 146.218   | 21.65      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 80 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 632668  | 3490.02                 | 122.52                  | -95.26                 | 532.108   | 27.26      | 30               |
|            | 633334  | 3500.01                 | 122.54                  | -95.26                 | 534.564   | 27.28      | 30               |
|            | 634000  | 3510                    | 122.43                  | -95.26                 | 521.195   | 27.17      | 30               |
| 16QAM      | 632668  | 3490.02                 | 122.43                  | -95.26                 | 521.195   | 27.17      | 30               |
|            | 633334  | 3500.01                 | 122.46                  | -95.26                 | 524.807   | 27.2       | 30               |
|            | 634000  | 3510                    | 122.27                  | -95.26                 | 502.343   | 27.01      | 30               |
| 64QAM      | 632668  | 3490.02                 | 120.38                  | -95.26                 | 325.087   | 25.12      | 30               |
|            | 633334  | 3500.01                 | 120.43                  | -95.26                 | 328.852   | 25.17      | 30               |
|            | 634000  | 3510                    | 120.23                  | -95.26                 | 314.051   | 24.97      | 30               |
| 256QAM     | 632668  | 3490.02                 | 116.92                  | -95.26                 | 146.555   | 21.66      | 30               |
|            | 633334  | 3500.01                 | 117.08                  | -95.26                 | 152.055   | 21.82      | 30               |
|            | 634000  | 3510                    | 116.95                  | -95.26                 | 147.571   | 21.69      | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 90 MHz**

| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dBμV/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 633000  | 3495                    | 123.03                  | -95.26                 | 598.412   | 27.77      | 30               |
|            | 633334  | 3500.01                 | 123.1                   | -95.26                 | 608.135   | 27.84      | 30               |
|            | 633666  | 3504.99                 | 123.05                  | -95.26                 | 601.174   | 27.79      | 30               |
| 16QAM      | 633000  | 3495                    | 122.51                  | -95.26                 | 530.884   | 27.25      | 30               |
|            | 633334  | 3500.01                 | 122.55                  | -95.26                 | 535.797   | 27.29      | 30               |
|            | 633666  | 3504.99                 | 122.42                  | -95.26                 | 519.996   | 27.16      | 30               |
| 64QAM      | 633000  | 3495                    | 120.56                  | -95.26                 | 338.844   | 25.3       | 30               |
|            | 633334  | 3500.01                 | 120.57                  | -95.26                 | 339.625   | 25.31      | 30               |
|            | 633666  | 3504.99                 | 120.39                  | -95.26                 | 325.837   | 25.13      | 30               |
| 256QAM     | 633000  | 3495                    | 117.14                  | -95.26                 | 154.17    | 21.88      | 30               |
|            | 633334  | 3500.01                 | 117.16                  | -95.26                 | 154.882   | 21.9       | 30               |
|            | 633666  | 3504.99                 | 117.06                  | -95.26                 | 151.356   | 21.8       | 30               |

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 100 MHz**

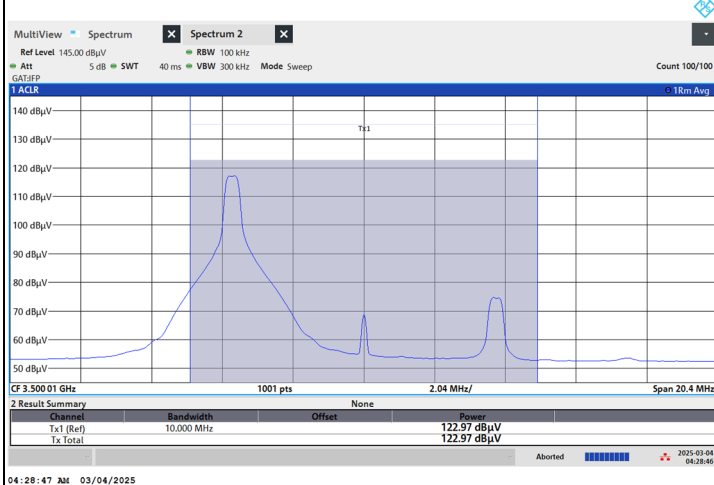
| Modulation | Channel | Channel Frequency (MHz) | Field Strength (dB $\mu$ V/m) | Correction Factor (dB) | EIRP (mW) | EIRP (dBm) | EIRP Limit (dBm) |
|------------|---------|-------------------------|-------------------------------|------------------------|-----------|------------|------------------|
| QPSK       | 633334  | 3500.01                 | 123.41                        | -95.26                 | 653.131   | 28.15      | 30               |
| 16QAM      | 633334  | 3500.01                 | 122.65                        | -95.26                 | 548.277   | 27.39      | 30               |
| 64QAM      | 633334  | 3500.01                 | 120.75                        | -95.26                 | 353.997   | 25.49      | 30               |
| 256QAM     | 633334  | 3500.01                 | 117.34                        | -95.26                 | 161.436   | 22.08      | 30               |

Notes:

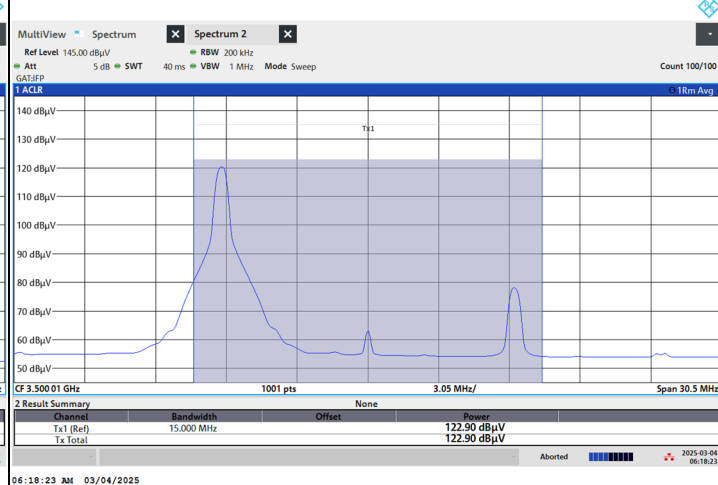
1. EIRP (dBm) = Field Strength (dB $\mu$ V/m) + Correction Factor (dB)
2. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance at 3 meters.

## Spectrum Plot of Worst Value

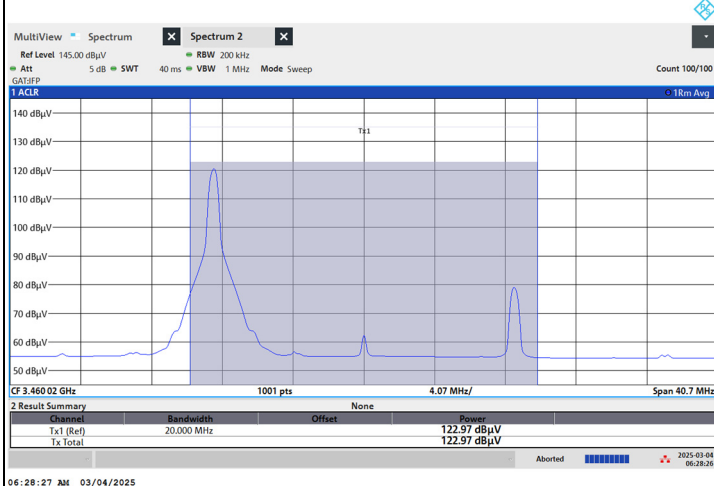
### 10 MHz BPSK CH 633334



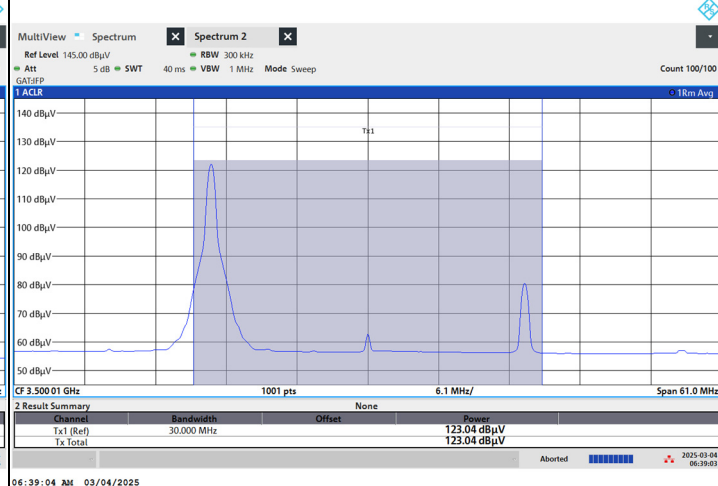
### 15 MHz BPSK CH 633334



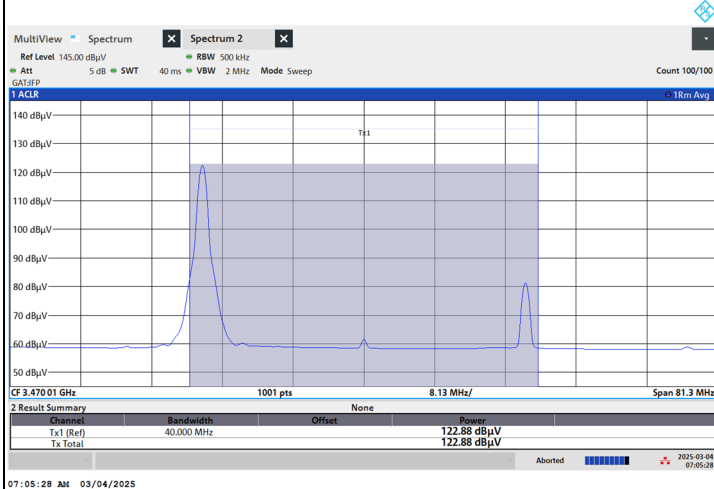
### 20 MHz BPSK CH 630668



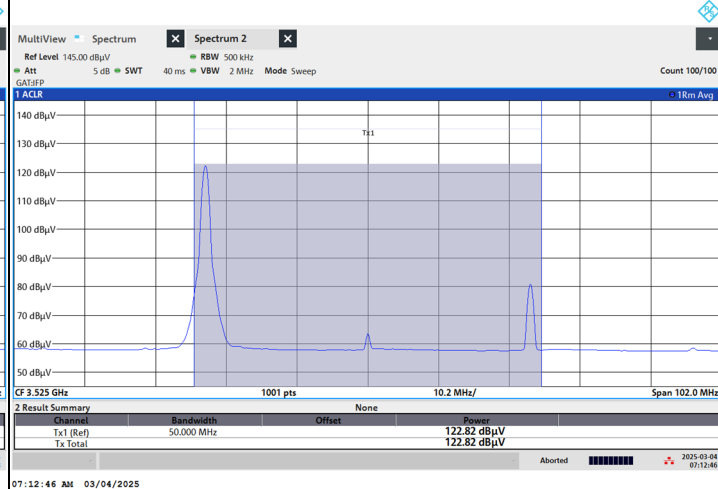
### 30 MHz BPSK CH 633334



### 40 MHz BPSK CH 631334

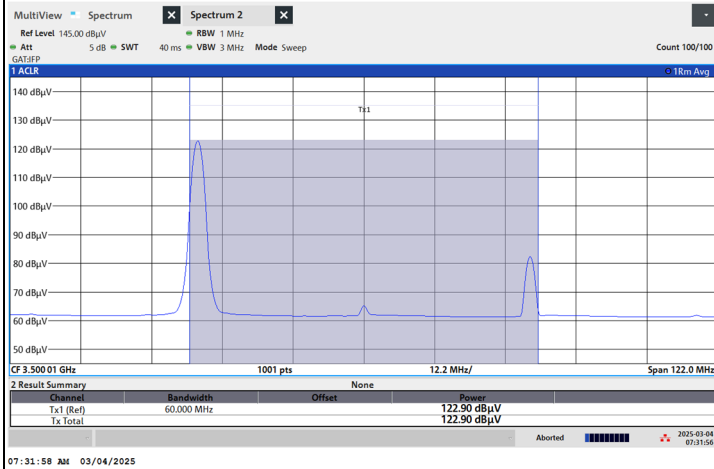


### 50 MHz BPSK CH 635000

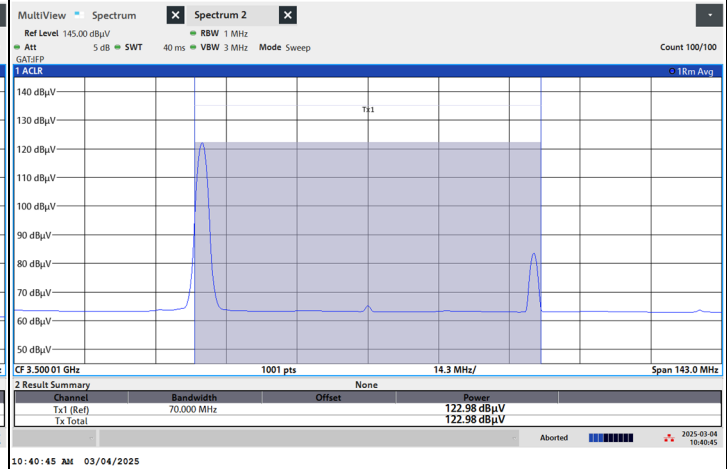


## Spectrum Plot of Worst Value

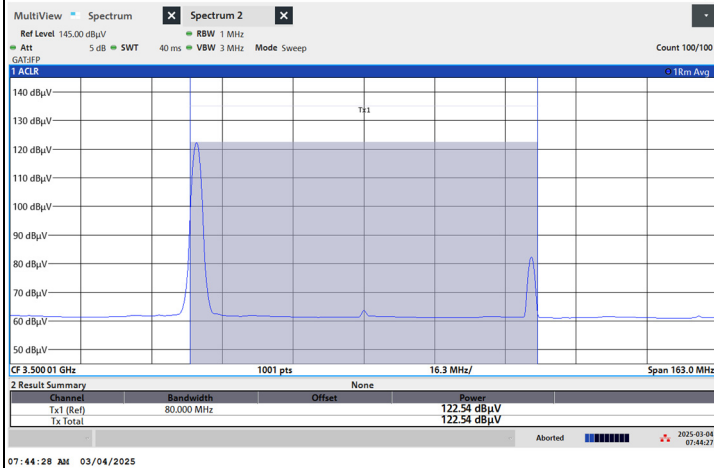
### 60 MHz BPSK CH 633334



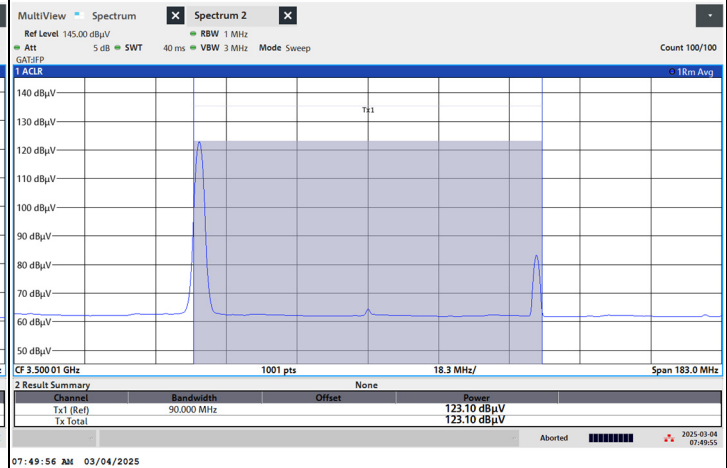
### 70 MHz BPSK CH 633334



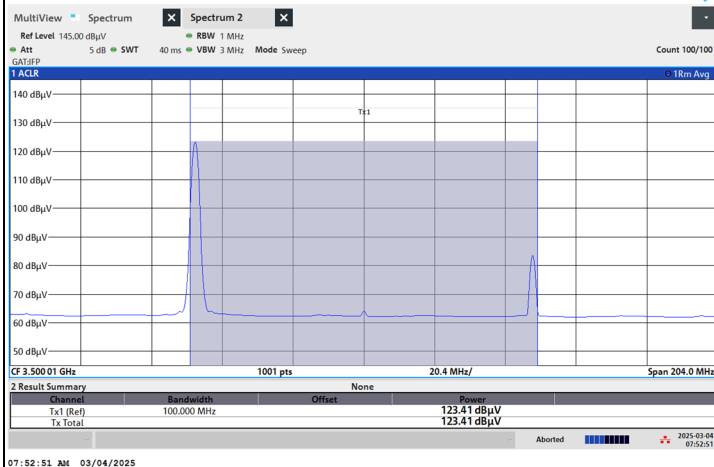
### 80 MHz BPSK CH 633334



### 90 MHz BPSK CH 633334



### 100 MHz BPSK CH 633334



# Conducted power table (for reference only)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630334                         |       |       | CH 633334   |       |       | CH 636332   |       |       |
|            |         |           | 3455.01 MHz                       |       |       | 3500.01 MHz |       |       | 3544.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 22.95                             | 23.25 | 26.11 | 23.01       | 23.19 | 26.11 | 23.01       | 23.25 | 26.14 |
|            | 1       | 11        | 23.78                             | 22.19 | 26.07 | 23.78       | 22.08 | 26.02 | 23.74       | 22.14 | 26.02 |
|            | 1       | 22        | 23.85                             | 22.17 | 26.10 | 23.88       | 22.28 | 26.16 | 24.06       | 22.21 | 26.24 |
|            | 12      | 0         | 21.29                             | 21.15 | 24.23 | 21.32       | 21.26 | 24.30 | 21.26       | 21.14 | 24.21 |
|            | 12      | 6         | 23.82                             | 22.12 | 26.06 | 23.94       | 22.00 | 26.09 | 23.79       | 21.95 | 25.98 |
|            | 12      | 12        | 21.63                             | 20.98 | 24.33 | 21.76       | 20.99 | 24.40 | 21.64       | 20.88 | 24.29 |
|            | 24      | 0         | 21.59                             | 21.24 | 24.43 | 21.48       | 21.27 | 24.39 | 21.36       | 21.31 | 24.35 |
| 16QAM      | 1       | 1         | 21.94                             | 22.04 | 25.00 | 22.02       | 22.13 | 25.09 | 21.94       | 22.01 | 24.99 |
| 64QAM      | 1       | 1         | 20.31                             | 20.24 | 23.29 | 20.37       | 20.31 | 23.35 | 20.37       | 20.16 | 23.28 |
| 256QAM     | 1       | 1         | 17.76                             | 17.54 | 20.66 | 17.84       | 17.63 | 20.75 | 17.8        | 17.6  | 20.71 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.21                     | 26.24                     | 28.41              | 30.44              | 30               |
| 16QAM        | 24.99                     | 25.09                     | 29.19              | 29.29              | 30               |
| 64QAM        | 23.28                     | 23.35                     | 27.48              | 27.55              | 30               |
| 256QAM       | 20.66                     | 20.75                     | 24.86              | 24.95              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 15 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630500                         |       |       | CH 633334   |       |       | CH 636166   |       |       |
|            |         |           | 3457.5 MHz                        |       |       | 3500.01 MHz |       |       | 3542.49 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.10                             | 23.33 | 26.23 | 23.04       | 23.08 | 26.07 | 23.14       | 23.17 | 26.17 |
|            | 1       | 19        | 23.86                             | 22.04 | 26.05 | 23.82       | 22.04 | 26.03 | 23.84       | 22.09 | 26.06 |
|            | 1       | 36        | 23.93                             | 22.06 | 26.11 | 23.86       | 22.10 | 26.08 | 24.06       | 22.08 | 26.19 |
|            | 18      | 0         | 21.36                             | 21.18 | 24.28 | 21.42       | 21.10 | 24.27 | 21.35       | 21.12 | 24.25 |
|            | 18      | 10        | 23.95                             | 21.97 | 26.08 | 23.86       | 21.94 | 26.02 | 23.84       | 22.07 | 26.05 |
|            | 18      | 20        | 21.70                             | 20.97 | 24.36 | 21.62       | 20.95 | 24.31 | 21.54       | 20.95 | 24.27 |
|            | 36      | 0         | 21.42                             | 21.22 | 24.33 | 21.53       | 21.21 | 24.38 | 21.36       | 21.43 | 24.41 |
| 16QAM      | 1       | 1         | 21.91                             | 22.04 | 24.99 | 21.89       | 22.01 | 24.96 | 21.81       | 22.03 | 24.93 |
| 64QAM      | 1       | 1         | 20.38                             | 20.18 | 23.29 | 20.32       | 20.28 | 23.31 | 20.26       | 20.22 | 23.25 |
| 256QAM     | 1       | 1         | 17.83                             | 17.71 | 20.78 | 17.74       | 17.65 | 20.71 | 17.84       | 17.57 | 20.72 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.25                     | 26.23                     | 28.45              | 30.43              | 30               |
| 16QAM        | 24.93                     | 24.99                     | 29.13              | 29.19              | 30               |
| 64QAM        | 23.25                     | 23.31                     | 27.45              | 27.51              | 30               |
| 256QAM       | 20.71                     | 20.78                     | 24.91              | 24.98              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 630668                         |       |       | CH 633334   |       |       | CH 636000 |       |       |
|            |         |           | 3460.02 MHz                       |       |       | 3500.01 MHz |       |       | 3540 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 23.02                             | 23.28 | 26.16 | 22.91       | 23.06 | 26.00 | 23.14     | 23.11 | 26.14 |
|            | 1       | 26        | 23.85                             | 22.08 | 26.06 | 23.95       | 22.03 | 26.11 | 23.89     | 22.18 | 26.13 |
|            | 1       | 49        | 23.98                             | 22.07 | 26.14 | 23.85       | 22.12 | 26.08 | 23.99     | 22.11 | 26.16 |
|            | 25      | 0         | 21.37                             | 21.18 | 24.29 | 21.35       | 21.15 | 24.26 | 21.26     | 21.30 | 24.29 |
|            | 25      | 13        | 23.88                             | 22.06 | 26.07 | 23.92       | 22.01 | 26.08 | 23.96     | 22.06 | 26.12 |
|            | 25      | 26        | 21.62                             | 20.94 | 24.30 | 21.71       | 20.96 | 24.36 | 21.55     | 20.91 | 24.25 |
|            | 50      | 0         | 21.49                             | 21.35 | 24.43 | 21.42       | 21.23 | 24.34 | 21.41     | 21.25 | 24.34 |
| 16QAM      | 1       | 1         | 21.85                             | 22.1  | 24.99 | 21.94       | 21.96 | 24.96 | 21.85     | 21.96 | 24.92 |
| 64QAM      | 1       | 1         | 20.32                             | 20.27 | 23.31 | 20.31       | 20.3  | 23.32 | 20.21     | 20.21 | 23.22 |
| 256QAM     | 1       | 1         | 17.68                             | 17.62 | 20.66 | 17.73       | 17.63 | 20.69 | 17.83     | 17.6  | 20.73 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.25                     | 26.16                     | 28.45              | 30.36              | 30               |
| 16QAM        | 24.92                     | 24.99                     | 29.12              | 29.19              | 30               |
| 64QAM        | 23.22                     | 23.32                     | 27.42              | 27.52              | 30               |
| 256QAM       | 20.66                     | 20.73                     | 24.86              | 24.93              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631000                         |       |       | CH 633334   |       |       | CH 635666   |       |       |
|            |         |           | 3465 MHz                          |       |       | 3500.01 MHz |       |       | 3534.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.04                             | 23.27 | 26.17 | 22.96       | 23.22 | 26.10 | 23.07       | 23.15 | 26.12 |
|            | 1       | 39        | 23.90                             | 22.00 | 26.06 | 23.92       | 22.19 | 26.15 | 23.83       | 22.09 | 26.06 |
|            | 1       | 76        | 23.93                             | 22.16 | 26.14 | 23.99       | 22.25 | 26.22 | 23.98       | 22.13 | 26.16 |
|            | 36      | 0         | 21.47                             | 21.13 | 24.31 | 21.41       | 21.21 | 24.32 | 21.27       | 21.27 | 24.28 |
|            | 36      | 21        | 23.77                             | 22.01 | 25.99 | 24.00       | 22.11 | 26.17 | 23.87       | 21.98 | 26.04 |
|            | 36      | 42        | 21.66                             | 20.99 | 24.35 | 21.75       | 20.95 | 24.38 | 21.55       | 20.99 | 24.29 |
|            | 75      | 0         | 21.50                             | 21.24 | 24.38 | 21.43       | 21.23 | 24.34 | 21.47       | 21.31 | 24.40 |
| 16QAM      | 1       | 1         | 21.97                             | 22.04 | 25.02 | 21.92       | 22.13 | 25.04 | 21.88       | 22.09 | 25.00 |
| 64QAM      | 1       | 1         | 20.23                             | 20.23 | 23.24 | 20.43       | 20.25 | 23.35 | 20.2        | 20.11 | 23.17 |
| 256QAM     | 1       | 1         | 17.8                              | 17.69 | 20.76 | 17.88       | 17.53 | 20.72 | 17.75       | 17.62 | 20.70 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.28                     | 26.22                     | 28.48              | 30.42              | 30               |
| 16QAM        | 25                        | 25.04                     | 29.2               | 29.24              | 30               |
| 64QAM        | 23.17                     | 23.35                     | 27.37              | 27.55              | 30               |
| 256QAM       | 20.7                      | 20.76                     | 24.9               | 24.96              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631334                         |       |       | CH 633334   |       |       | CH 635332   |       |       |
|            |         |           | 3470.01 MHz                       |       |       | 3500.01 MHz |       |       | 3529.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.02                             | 23.23 | 26.14 | 22.96       | 23.11 | 26.05 | 23.03       | 23.14 | 26.10 |
|            | 1       | 53        | 23.76                             | 22.17 | 26.05 | 23.89       | 22.18 | 26.13 | 23.80       | 22.05 | 26.02 |
|            | 1       | 104       | 23.99                             | 22.07 | 26.15 | 23.95       | 22.11 | 26.14 | 24.06       | 22.26 | 26.26 |
|            | 50      | 0         | 21.45                             | 21.26 | 24.37 | 21.44       | 21.21 | 24.34 | 21.21       | 21.13 | 24.18 |
|            | 50      | 28        | 23.86                             | 22.12 | 26.09 | 23.96       | 22.04 | 26.12 | 23.95       | 22.07 | 26.12 |
|            | 50      | 56        | 21.68                             | 20.81 | 24.28 | 21.73       | 20.91 | 24.35 | 21.58       | 20.89 | 24.26 |
|            | 100     | 0         | 21.48                             | 21.24 | 24.37 | 21.36       | 21.35 | 24.37 | 21.47       | 21.26 | 24.38 |
| 16QAM      | 1       | 1         | 21.82                             | 22.07 | 24.96 | 21.99       | 21.97 | 24.99 | 21.8        | 22.01 | 24.92 |
| 64QAM      | 1       | 1         | 20.26                             | 20.29 | 23.29 | 20.35       | 20.26 | 23.32 | 20.37       | 20.21 | 23.30 |
| 256QAM     | 1       | 1         | 17.74                             | 17.66 | 20.71 | 17.72       | 17.64 | 20.69 | 17.92       | 17.69 | 20.82 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.18                     | 26.26                     | 28.38              | 30.46              | 30               |
| 16QAM        | 24.92                     | 24.99                     | 29.12              | 29.19              | 30               |
| 64QAM        | 23.29                     | 23.32                     | 27.49              | 27.52              | 30               |
| 256QAM       | 20.69                     | 20.82                     | 24.89              | 25.02              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 631668                         |       |       | CH 633334   |       |       | CH 635000 |       |       |
|            |         |           | 3475.02 MHz                       |       |       | 3500.01 MHz |       |       | 3525 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 23.00                             | 23.32 | 26.17 | 22.90       | 23.06 | 25.99 | 23.08     | 23.21 | 26.16 |
|            | 1       | 67        | 23.88                             | 22.12 | 26.10 | 23.91       | 22.07 | 26.10 | 23.89     | 22.08 | 26.09 |
|            | 1       | 131       | 23.92                             | 22.06 | 26.10 | 23.93       | 22.28 | 26.19 | 23.94     | 22.24 | 26.18 |
|            | 64      | 0         | 21.44                             | 21.13 | 24.30 | 21.47       | 21.13 | 24.31 | 21.24     | 21.23 | 24.25 |
|            | 64      | 35        | 23.86                             | 21.95 | 26.02 | 24.02       | 22.04 | 26.15 | 23.95     | 22.04 | 26.11 |
|            | 64      | 69        | 21.68                             | 20.92 | 24.33 | 21.69       | 20.88 | 24.31 | 21.52     | 21.00 | 24.28 |
|            | 128     | 0         | 21.44                             | 21.31 | 24.39 | 21.53       | 21.16 | 24.36 | 21.36     | 21.30 | 24.34 |
| 16QAM      | 1       | 1         | 21.88                             | 22.01 | 24.96 | 21.9        | 22.14 | 25.03 | 21.97     | 21.95 | 24.97 |
| 64QAM      | 1       | 1         | 20.32                             | 20.33 | 23.34 | 20.44       | 20.22 | 23.34 | 20.34     | 20.19 | 23.28 |
| 256QAM     | 1       | 1         | 17.79                             | 17.65 | 20.73 | 17.77       | 17.53 | 20.66 | 17.9      | 17.53 | 20.73 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.25                     | 26.19                     | 28.45              | 30.39              | 30               |
| 16QAM        | 24.96                     | 25.03                     | 29.16              | 29.23              | 30               |
| 64QAM        | 23.28                     | 23.34                     | 27.48              | 27.54              | 30               |
| 256QAM       | 20.66                     | 20.73                     | 24.86              | 24.93              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632000                         |       |       | CH 633334   |       |       | CH 634666   |       |       |
|            |         |           | 3480 MHz                          |       |       | 3500.01 MHz |       |       | 3519.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.14                             | 23.21 | 26.19 | 22.95       | 23.09 | 26.03 | 23.17       | 23.21 | 26.20 |
|            | 1       | 81        | 23.82                             | 22.08 | 26.05 | 23.94       | 22.19 | 26.16 | 23.87       | 22.15 | 26.10 |
|            | 1       | 160       | 23.85                             | 22.21 | 26.12 | 23.99       | 22.15 | 26.18 | 23.98       | 22.21 | 26.19 |
|            | 81      | 0         | 21.45                             | 21.12 | 24.30 | 21.47       | 21.20 | 24.35 | 21.22       | 21.31 | 24.28 |
|            | 81      | 41        | 23.90                             | 21.94 | 26.04 | 23.83       | 22.06 | 26.04 | 23.78       | 21.94 | 25.97 |
|            | 81      | 81        | 21.57                             | 20.83 | 24.23 | 21.61       | 20.95 | 24.30 | 21.50       | 20.89 | 24.22 |
|            | 162     | 0         | 21.61                             | 21.32 | 24.48 | 21.45       | 21.27 | 24.37 | 21.49       | 21.30 | 24.41 |
| 16QAM      | 1       | 1         | 21.93                             | 21.96 | 24.96 | 21.84       | 22.12 | 24.99 | 21.92       | 21.94 | 24.94 |
| 64QAM      | 1       | 1         | 20.3                              | 20.25 | 23.29 | 20.35       | 20.31 | 23.34 | 20.21       | 20.26 | 23.25 |
| 256QAM     | 1       | 1         | 17.8                              | 17.62 | 20.72 | 17.79       | 17.7  | 20.76 | 17.74       | 17.67 | 20.72 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.22                     | 26.2                      | 28.42              | 30.4               | 30               |
| 16QAM        | 24.94                     | 24.99                     | 29.14              | 29.19              | 30               |
| 64QAM        | 23.25                     | 23.34                     | 27.45              | 27.54              | 30               |
| 256QAM       | 20.72                     | 20.76                     | 24.92              | 24.96              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632334                         |       |       | CH 633334   |       |       | CH 634332   |       |       |
|            |         |           | 3485.01 MHz                       |       |       | 3500.01 MHz |       |       | 3514.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.14                             | 23.18 | 26.17 | 22.92       | 23.20 | 26.07 | 23.03       | 23.15 | 26.10 |
|            | 1       | 95        | 23.93                             | 22.10 | 26.12 | 23.89       | 22.10 | 26.10 | 23.78       | 22.12 | 26.04 |
|            | 1       | 187       | 24.01                             | 22.07 | 26.16 | 23.96       | 22.13 | 26.15 | 24.03       | 22.21 | 26.22 |
|            | 90      | 0         | 21.35                             | 21.22 | 24.30 | 21.44       | 21.10 | 24.28 | 21.22       | 21.28 | 24.26 |
|            | 90      | 50        | 23.94                             | 22.03 | 26.10 | 23.97       | 22.13 | 26.16 | 23.79       | 21.98 | 25.99 |
|            | 90      | 99        | 21.66                             | 20.90 | 24.31 | 21.57       | 21.03 | 24.32 | 21.65       | 20.90 | 24.30 |
|            | 180     | 0         | 21.56                             | 21.26 | 24.42 | 21.41       | 21.26 | 24.35 | 21.49       | 21.29 | 24.40 |
| 16QAM      | 1       | 1         | 21.98                             | 22.09 | 25.05 | 22.02       | 22.1  | 25.07 | 21.91       | 21.95 | 24.94 |
| 64QAM      | 1       | 1         | 20.28                             | 20.28 | 23.29 | 20.43       | 20.28 | 23.37 | 20.32       | 20.3  | 23.32 |
| 256QAM     | 1       | 1         | 17.75                             | 17.58 | 20.68 | 17.81       | 17.58 | 20.71 | 17.82       | 17.62 | 20.73 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.26                     | 26.22                     | 28.46              | 30.42              | 30               |
| 16QAM        | 24.94                     | 25.07                     | 29.14              | 29.27              | 30               |
| 64QAM        | 23.29                     | 23.37                     | 27.49              | 27.57              | 30               |
| 256QAM       | 20.68                     | 20.73                     | 24.88              | 24.93              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 632668                         |       |       | CH 633334   |       |       | CH 634000 |       |       |
|            |         |           | 3490.02 MHz                       |       |       | 3500.01 MHz |       |       | 3510 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 22.96                             | 23.2  | 26.09 | 23.03       | 23.17 | 26.11 | 23.1      | 23.21 | 26.17 |
|            | 1       | 109       | 23.87                             | 22.09 | 26.08 | 23.93       | 22.21 | 26.16 | 23.83     | 22.13 | 26.07 |
|            | 1       | 215       | 23.9                              | 22.12 | 26.11 | 23.91       | 22.22 | 26.16 | 23.88     | 22.14 | 26.11 |
|            | 108     | 0         | 21.47                             | 21.24 | 24.37 | 21.3        | 21.21 | 24.27 | 21.29     | 21.19 | 24.25 |
|            | 108     | 55        | 23.79                             | 22.1  | 26.04 | 24          | 21.97 | 26.11 | 23.83     | 22.01 | 26.02 |
|            | 108     | 109       | 21.71                             | 20.94 | 24.35 | 21.6        | 20.96 | 24.30 | 21.49     | 20.96 | 24.24 |
|            | 216     | 0         | 21.46                             | 21.29 | 24.39 | 21.39       | 21.24 | 24.33 | 21.36     | 21.32 | 24.35 |
| 16QAM      | 1       | 1         | 21.97                             | 21.95 | 24.97 | 21.98       | 22.06 | 25.03 | 21.91     | 22.1  | 25.02 |
| 64QAM      | 1       | 1         | 20.35                             | 20.35 | 23.36 | 20.31       | 20.22 | 23.28 | 20.24     | 20.17 | 23.22 |
| 256QAM     | 1       | 1         | 17.77                             | 17.7  | 20.75 | 17.89       | 17.54 | 20.73 | 17.75     | 17.57 | 20.67 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.24                     | 26.17                     | 28.44              | 30.37              | 30               |
| 16QAM        | 24.97                     | 25.03                     | 29.17              | 29.23              | 30               |
| 64QAM        | 23.22                     | 23.36                     | 27.42              | 27.56              | 30               |
| 256QAM       | 20.67                     | 20.75                     | 24.87              | 24.95              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 633000                         |       |       | CH 633334   |       |       | CH 633666   |       |       |
|            |         |           | 3495 MHz                          |       |       | 3500.01 MHz |       |       | 3504.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 23.17                             | 23.36 | 26.28 | 23.11       | 23.28 | 26.21 | 23.21       | 23.29 | 26.26 |
|            | 1       | 123       | 23.98                             | 22.22 | 26.20 | 24          | 22.24 | 26.22 | 23.96       | 22.27 | 26.21 |
|            | 1       | 243       | 24.07                             | 22.27 | 26.27 | 24.05       | 22.32 | 26.28 | 24.06       | 22.29 | 26.27 |
|            | 120     | 0         | 21.5                              | 21.34 | 24.43 | 21.5        | 21.31 | 24.42 | 21.43       | 21.34 | 24.40 |
|            | 120     | 63        | 23.98                             | 22.16 | 26.17 | 24.05       | 22.16 | 26.22 | 24          | 22.16 | 26.19 |
|            | 120     | 125       | 21.78                             | 21.03 | 24.43 | 21.79       | 21.06 | 24.45 | 21.7        | 21.05 | 24.40 |
|            | 243     | 0         | 21.64                             | 21.43 | 24.55 | 21.57       | 21.38 | 24.49 | 21.57       | 21.47 | 24.53 |
| 16QAM      | 1       | 1         | 22.03                             | 22.15 | 25.10 | 22.05       | 22.17 | 25.12 | 22          | 22.13 | 25.08 |
| 64QAM      | 1       | 1         | 20.45                             | 20.39 | 23.43 | 20.49       | 20.38 | 23.45 | 20.41       | 20.33 | 23.38 |
| 256QAM     | 1       | 1         | 17.89                             | 17.76 | 20.84 | 17.92       | 17.74 | 20.84 | 17.96       | 17.73 | 20.86 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.4                      | 26.28                     | 28.6               | 30.48              | 30               |
| 16QAM        | 25.08                     | 25.12                     | 29.28              | 29.32              | 30               |
| 64QAM        | 23.38                     | 23.45                     | 27.58              | 27.65              | 30               |
| 256QAM       | 20.84                     | 20.86                     | 25.04              | 25.06              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC1.5, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|
|            |         |           | CH 633334                         |       |       |
|            |         |           | 3500.01 MHz                       |       |       |
|            |         |           | TX 1                              | TX 2  | Total |
| QPSK       | 1       | 1         | 23.20                             | 23.36 | 26.29 |
|            | 1       | 137       | 24.05                             | 22.20 | 26.23 |
|            | 1       | 271       | 24.06                             | 22.32 | 26.29 |
|            | 135     | 0         | 21.54                             | 21.39 | 24.48 |
|            | 135     | 69        | 24.00                             | 22.25 | 26.22 |
|            | 135     | 138       | 21.83                             | 21.15 | 24.51 |
|            | 270     | 0         | 21.73                             | 21.52 | 24.64 |
| 16QAM      | 1       | 1         | 22.15                             | 22.23 | 25.20 |
| 64QAM      | 1       | 1         | 20.57                             | 20.45 | 23.52 |
| 256QAM     | 1       | 1         | 18.05                             | 17.86 | 20.97 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 24.48                     | 26.29                     | 28.68              | 30.49              | 30               |
| 16QAM        | 25.2                      | 25.2                      | 29.4               | 29.4               | 30               |
| 64QAM        | 23.52                     | 23.52                     | 27.72              | 27.72              | 30               |
| 256QAM       | 20.97                     | 20.97                     | 25.17              | 25.17              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 10 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630334                         |       |       | CH 633334   |       |       | CH 636332   |       |       |
|            |         |           | 3455.01 MHz                       |       |       | 3500.01 MHz |       |       | 3544.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 21.00                             | 21.14 | 24.08 | 20.99       | 21.10 | 24.06 | 21.15       | 21.20 | 24.19 |
|            | 1       | 11        | 21.87                             | 20.07 | 24.07 | 21.82       | 20.07 | 24.04 | 21.94       | 20.00 | 24.09 |
|            | 1       | 22        | 21.98                             | 20.14 | 24.17 | 21.97       | 20.29 | 24.22 | 22.02       | 20.18 | 24.21 |
|            | 12      | 0         | 19.41                             | 19.13 | 22.28 | 19.31       | 19.11 | 22.22 | 19.41       | 19.13 | 22.28 |
|            | 12      | 6         | 22.05                             | 20.07 | 24.18 | 22.04       | 20.08 | 24.18 | 22.04       | 20.06 | 24.17 |
|            | 12      | 12        | 19.67                             | 18.72 | 22.23 | 19.75       | 18.70 | 22.27 | 19.64       | 18.82 | 22.26 |
|            | 24      | 0         | 19.63                             | 19.46 | 22.56 | 19.50       | 19.43 | 22.48 | 19.58       | 19.35 | 22.48 |
| 16QAM      | 1       | 1         | 19.91                             | 19.96 | 22.95 | 19.98       | 19.88 | 22.94 | 19.8        | 20.22 | 23.03 |
| 64QAM      | 1       | 1         | 18.36                             | 18.33 | 21.36 | 18.32       | 18.22 | 21.28 | 18.25       | 18.08 | 21.18 |
| 256QAM     | 1       | 1         | 15.79                             | 15.63 | 18.72 | 15.69       | 15.67 | 18.69 | 15.86       | 15.53 | 18.71 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.22                     | 24.22                     | 26.42              | 28.42              | 30               |
| 16QAM        | 22.94                     | 23.03                     | 27.14              | 27.23              | 30               |
| 64QAM        | 21.18                     | 21.36                     | 25.38              | 25.56              | 30               |
| 256QAM       | 18.69                     | 18.72                     | 22.89              | 22.92              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 15 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630500                         |       |       | CH 633334   |       |       | CH 636166   |       |       |
|            |         |           | 3457.5 MHz                        |       |       | 3500.01 MHz |       |       | 3542.49 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 21.00                             | 21.04 | 24.03 | 20.94       | 21.11 | 24.04 | 21.16       | 21.23 | 24.21 |
|            | 1       | 19        | 21.78                             | 19.96 | 23.97 | 21.85       | 20.19 | 24.11 | 21.93       | 20.09 | 24.12 |
|            | 1       | 36        | 22.09                             | 20.08 | 24.21 | 21.81       | 20.12 | 24.06 | 22.00       | 20.15 | 24.18 |
|            | 18      | 0         | 19.30                             | 19.00 | 22.16 | 19.25       | 19.09 | 22.18 | 19.38       | 19.16 | 22.28 |
|            | 18      | 10        | 21.97                             | 20.10 | 24.15 | 21.90       | 20.13 | 24.11 | 22.09       | 20.04 | 24.20 |
|            | 18      | 20        | 19.54                             | 18.74 | 22.17 | 19.56       | 18.74 | 22.18 | 19.61       | 18.81 | 22.24 |
|            | 36      | 0         | 19.56                             | 19.42 | 22.50 | 19.55       | 19.43 | 22.50 | 19.57       | 19.33 | 22.46 |
| 16QAM      | 1       | 1         | 19.81                             | 19.88 | 22.86 | 19.9        | 19.9  | 22.91 | 19.91       | 20.26 | 23.10 |
| 64QAM      | 1       | 1         | 18.2                              | 18.39 | 21.31 | 18.49       | 18.27 | 21.39 | 18.41       | 18.23 | 21.33 |
| 256QAM     | 1       | 1         | 15.79                             | 15.81 | 18.81 | 15.73       | 15.54 | 18.65 | 15.94       | 15.7  | 18.83 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.16                     | 24.21                     | 26.36              | 28.41              | 30               |
| 16QAM        | 22.86                     | 23.1                      | 27.06              | 27.3               | 30               |
| 64QAM        | 21.31                     | 21.39                     | 25.51              | 25.59              | 30               |
| 256QAM       | 18.65                     | 18.83                     | 22.85              | 23.03              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 630668                         |       |       | CH 633334   |       |       | CH 636000 |       |       |
|            |         |           | 3460.02 MHz                       |       |       | 3500.01 MHz |       |       | 3540 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 21.02                             | 21.09 | 24.07 | 20.97       | 21.14 | 24.07 | 21.11     | 21.23 | 24.18 |
|            | 1       | 26        | 21.85                             | 19.89 | 23.99 | 21.80       | 20.07 | 24.03 | 21.94     | 19.99 | 24.08 |
|            | 1       | 49        | 22.09                             | 20.23 | 24.27 | 21.94       | 20.20 | 24.17 | 21.96     | 20.18 | 24.17 |
|            | 25      | 0         | 19.35                             | 19.10 | 22.24 | 19.33       | 19.00 | 22.18 | 19.38     | 19.02 | 22.21 |
|            | 25      | 13        | 21.98                             | 19.95 | 24.09 | 21.92       | 20.07 | 24.10 | 21.96     | 20.16 | 24.16 |
|            | 25      | 26        | 19.51                             | 18.83 | 22.19 | 19.71       | 18.71 | 22.25 | 19.50     | 18.71 | 22.13 |
|            | 50      | 0         | 19.61                             | 19.44 | 22.54 | 19.46       | 19.43 | 22.46 | 19.41     | 19.23 | 22.33 |
| 16QAM      | 1       | 1         | 19.79                             | 19.87 | 22.84 | 19.98       | 19.93 | 22.97 | 19.97     | 20.23 | 23.11 |
| 64QAM      | 1       | 1         | 18.26                             | 18.3  | 21.29 | 18.44       | 18.37 | 21.42 | 18.42     | 18.13 | 21.29 |
| 256QAM     | 1       | 1         | 15.86                             | 15.67 | 18.78 | 15.83       | 15.68 | 18.77 | 15.94     | 15.53 | 18.75 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.13                     | 24.27                     | 26.33              | 28.47              | 30               |
| 16QAM        | 22.84                     | 23.11                     | 27.04              | 27.31              | 30               |
| 64QAM        | 21.29                     | 21.42                     | 25.49              | 25.62              | 30               |
| 256QAM       | 18.75                     | 18.78                     | 22.95              | 22.98              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631000                         |       |       | CH 633334   |       |       | CH 635666   |       |       |
|            |         |           | 3465 MHz                          |       |       | 3500.01 MHz |       |       | 3534.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 20.99                             | 21.19 | 24.10 | 21.02       | 21.10 | 24.07 | 21.18       | 21.14 | 24.17 |
|            | 1       | 39        | 21.81                             | 19.91 | 23.97 | 21.92       | 20.10 | 24.11 | 21.94       | 20.11 | 24.13 |
|            | 1       | 76        | 21.91                             | 20.11 | 24.11 | 21.90       | 20.30 | 24.18 | 21.92       | 20.17 | 24.14 |
|            | 36      | 0         | 19.32                             | 19.10 | 22.22 | 19.29       | 18.98 | 22.15 | 19.46       | 19.06 | 22.27 |
|            | 36      | 21        | 22.09                             | 20.12 | 24.23 | 22.06       | 19.99 | 24.16 | 22.01       | 20.19 | 24.20 |
|            | 36      | 42        | 19.54                             | 18.85 | 22.22 | 19.67       | 18.70 | 22.22 | 19.61       | 18.73 | 22.20 |
|            | 75      | 0         | 19.48                             | 19.52 | 22.51 | 19.60       | 19.42 | 22.52 | 19.50       | 19.20 | 22.36 |
| 16QAM      | 1       | 1         | 19.93                             | 19.94 | 22.95 | 19.87       | 19.91 | 22.90 | 19.93       | 20.25 | 23.10 |
| 64QAM      | 1       | 1         | 18.34                             | 18.33 | 21.35 | 18.33       | 18.35 | 21.35 | 18.3        | 18.14 | 21.23 |
| 256QAM     | 1       | 1         | 15.79                             | 15.67 | 18.74 | 15.75       | 15.57 | 18.67 | 15.99       | 15.51 | 18.77 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.15                     | 24.23                     | 26.35              | 28.43              | 30               |
| 16QAM        | 22.9                      | 23.1                      | 27.1               | 27.3               | 30               |
| 64QAM        | 21.23                     | 21.35                     | 25.43              | 25.55              | 30               |
| 256QAM       | 18.67                     | 18.77                     | 22.87              | 22.97              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631334                         |       |       | CH 633334   |       |       | CH 635332   |       |       |
|            |         |           | 3470.01 MHz                       |       |       | 3500.01 MHz |       |       | 3529.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 20.96                             | 21.13 | 24.06 | 21.06       | 21.06 | 24.07 | 21.23       | 21.18 | 24.22 |
|            | 1       | 53        | 21.76                             | 20.08 | 24.01 | 21.79       | 20.10 | 24.04 | 21.83       | 20.08 | 24.05 |
|            | 1       | 104       | 22.09                             | 20.26 | 24.28 | 21.96       | 20.27 | 24.21 | 21.99       | 20.17 | 24.18 |
|            | 50      | 0         | 19.38                             | 19.10 | 22.25 | 19.32       | 19.08 | 22.21 | 19.41       | 19.02 | 22.23 |
|            | 50      | 28        | 22.02                             | 20.09 | 24.17 | 21.95       | 20.12 | 24.14 | 22.00       | 20.10 | 24.16 |
|            | 50      | 56        | 19.56                             | 18.74 | 22.18 | 19.69       | 18.86 | 22.31 | 19.63       | 18.78 | 22.24 |
|            | 100     | 0         | 19.58                             | 19.46 | 22.53 | 19.50       | 19.43 | 22.48 | 19.46       | 19.33 | 22.41 |
| 16QAM      | 1       | 1         | 19.91                             | 19.85 | 22.89 | 19.98       | 20.06 | 23.03 | 19.97       | 20.18 | 23.09 |
| 64QAM      | 1       | 1         | 18.23                             | 18.38 | 21.32 | 18.4        | 18.23 | 21.33 | 18.34       | 18.08 | 21.22 |
| 256QAM     | 1       | 1         | 15.88                             | 15.78 | 18.84 | 15.87       | 15.67 | 18.78 | 15.95       | 15.68 | 18.83 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.18                     | 24.28                     | 26.38              | 28.48              | 30               |
| 16QAM        | 22.89                     | 23.09                     | 27.09              | 27.29              | 30               |
| 64QAM        | 21.22                     | 21.33                     | 25.42              | 25.53              | 30               |
| 256QAM       | 18.78                     | 18.84                     | 22.98              | 23.04              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 631668                         |       |       | CH 633334   |       |       | CH 635000 |       |       |
|            |         |           | 3475.02 MHz                       |       |       | 3500.01 MHz |       |       | 3525 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 21.10                             | 21.23 | 24.18 | 21.04       | 21.09 | 24.08 | 21.25     | 21.05 | 24.16 |
|            | 1       | 67        | 21.85                             | 20.00 | 24.03 | 21.83       | 20.09 | 24.06 | 21.85     | 20.04 | 24.05 |
|            | 1       | 131       | 21.92                             | 20.23 | 24.17 | 21.84       | 20.19 | 24.10 | 21.95     | 20.18 | 24.16 |
|            | 64      | 0         | 19.48                             | 19.13 | 22.32 | 19.30       | 19.00 | 22.16 | 19.49     | 19.18 | 22.35 |
|            | 64      | 35        | 21.98                             | 20.02 | 24.12 | 22.02       | 20.08 | 24.17 | 22.04     | 20.17 | 24.22 |
|            | 64      | 69        | 19.49                             | 18.70 | 22.12 | 19.58       | 18.76 | 22.20 | 19.67     | 18.81 | 22.27 |
|            | 128     | 0         | 19.51                             | 19.54 | 22.54 | 19.53       | 19.44 | 22.50 | 19.60     | 19.17 | 22.40 |
| 16QAM      | 1       | 1         | 19.83                             | 19.84 | 22.85 | 19.92       | 20.07 | 23.01 | 19.82     | 20.11 | 22.98 |
| 64QAM      | 1       | 1         | 18.33                             | 18.37 | 21.36 | 18.42       | 18.32 | 21.38 | 18.39     | 18.04 | 21.23 |
| 256QAM     | 1       | 1         | 15.82                             | 15.72 | 18.78 | 15.82       | 15.63 | 18.74 | 15.87     | 15.51 | 18.70 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.12                     | 24.22                     | 26.32              | 28.42              | 30               |
| 16QAM        | 22.85                     | 23.01                     | 27.05              | 27.21              | 30               |
| 64QAM        | 21.23                     | 21.38                     | 25.43              | 25.58              | 30               |
| 256QAM       | 18.7                      | 18.78                     | 22.9               | 22.98              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632000                         |       |       | CH 633334   |       |       | CH 634666   |       |       |
|            |         |           | 3480 MHz                          |       |       | 3500.01 MHz |       |       | 3519.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 20.98                             | 21.19 | 24.10 | 21.01       | 21.17 | 24.10 | 21.09       | 21.20 | 24.16 |
|            | 1       | 81        | 21.81                             | 20.03 | 24.02 | 21.96       | 20.13 | 24.15 | 21.82       | 20.12 | 24.06 |
|            | 1       | 160       | 21.98                             | 20.16 | 24.17 | 21.96       | 20.30 | 24.22 | 22.04       | 20.24 | 24.24 |
|            | 81      | 0         | 19.30                             | 19.10 | 22.21 | 19.29       | 19.06 | 22.19 | 19.44       | 19.07 | 22.27 |
|            | 81      | 41        | 22.07                             | 20.08 | 24.20 | 21.96       | 20.11 | 24.14 | 22.05       | 20.03 | 24.17 |
|            | 81      | 81        | 19.58                             | 18.75 | 22.20 | 19.60       | 18.78 | 22.22 | 19.49       | 18.88 | 22.21 |
|            | 162     | 0         | 19.47                             | 19.51 | 22.50 | 19.46       | 19.29 | 22.39 | 19.57       | 19.22 | 22.41 |
| 16QAM      | 1       | 1         | 19.98                             | 19.85 | 22.93 | 19.99       | 20.05 | 23.03 | 19.92       | 20.24 | 23.09 |
| 64QAM      | 1       | 1         | 18.23                             | 18.31 | 21.28 | 18.45       | 18.31 | 21.39 | 18.4        | 18.22 | 21.32 |
| 256QAM     | 1       | 1         | 15.87                             | 15.7  | 18.80 | 15.87       | 15.55 | 18.72 | 16          | 15.61 | 18.82 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.19                     | 24.24                     | 26.39              | 28.44              | 30               |
| 16QAM        | 22.93                     | 23.09                     | 27.13              | 27.29              | 30               |
| 64QAM        | 21.28                     | 21.39                     | 25.48              | 25.59              | 30               |
| 256QAM       | 18.72                     | 18.82                     | 22.92              | 23.02              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632334                         |       |       | CH 633334   |       |       | CH 634332   |       |       |
|            |         |           | 3485.01 MHz                       |       |       | 3500.01 MHz |       |       | 3514.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 20.10                             | 20.22 | 23.17 | 20.09       | 19.98 | 23.05 | 20.09       | 20.10 | 23.11 |
|            | 1       | 95        | 20.82                             | 18.91 | 22.98 | 20.85       | 19.03 | 23.04 | 20.92       | 18.99 | 23.07 |
|            | 1       | 187       | 21.06                             | 19.10 | 23.20 | 20.95       | 19.22 | 23.18 | 20.93       | 19.23 | 23.17 |
|            | 90      | 0         | 19.41                             | 19.11 | 22.27 | 19.21       | 19.01 | 22.12 | 19.41       | 19.04 | 22.24 |
|            | 90      | 50        | 21.05                             | 18.98 | 23.15 | 20.96       | 19.05 | 23.12 | 21.00       | 19.14 | 23.18 |
|            | 90      | 99        | 19.54                             | 18.86 | 22.22 | 19.60       | 18.88 | 22.27 | 19.49       | 18.80 | 22.17 |
|            | 180     | 0         | 19.52                             | 19.41 | 22.48 | 19.58       | 19.34 | 22.47 | 19.59       | 19.20 | 22.41 |
| 16QAM      | 1       | 1         | 19.88                             | 19.92 | 22.91 | 19.92       | 20.06 | 23.00 | 19.97       | 20.16 | 23.08 |
| 64QAM      | 1       | 1         | 18.31                             | 18.39 | 21.36 | 18.44       | 18.25 | 21.36 | 18.38       | 18.11 | 21.26 |
| 256QAM     | 1       | 1         | 15.83                             | 15.72 | 18.79 | 15.78       | 15.55 | 18.68 | 15.92       | 15.59 | 18.77 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.12                     | 23.2                      | 26.32              | 27.4               | 30               |
| 16QAM        | 22.91                     | 23.08                     | 27.11              | 27.28              | 30               |
| 64QAM        | 21.26                     | 21.36                     | 25.46              | 25.56              | 30               |
| 256QAM       | 18.68                     | 18.79                     | 22.88              | 22.99              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 632668                         |       |       | CH 633334   |       |       | CH 634000 |       |       |
|            |         |           | 3490.02 MHz                       |       |       | 3500.01 MHz |       |       | 3510 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 21.03                             | 21.05 | 24.05 | 20.98       | 21.05 | 24.03 | 21.12     | 21.23 | 24.19 |
|            | 1       | 109       | 21.83                             | 20.05 | 24.04 | 21.92       | 20.16 | 24.14 | 21.79     | 20.02 | 24.00 |
|            | 1       | 215       | 21.97                             | 20.21 | 24.19 | 21.87       | 20.11 | 24.09 | 21.98     | 20.25 | 24.21 |
|            | 108     | 0         | 19.35                             | 19.03 | 22.20 | 19.36       | 18.94 | 22.17 | 19.42     | 19.16 | 22.30 |
|            | 108     | 55        | 22.04                             | 20.09 | 24.18 | 21.98       | 20.10 | 24.15 | 22.07     | 20.08 | 24.20 |
|            | 108     | 109       | 19.63                             | 18.68 | 22.19 | 19.74       | 18.82 | 22.31 | 19.64     | 18.80 | 22.25 |
|            | 216     | 0         | 19.64                             | 19.50 | 22.58 | 19.57       | 19.43 | 22.51 | 19.56     | 19.20 | 22.39 |
| 16QAM      | 1       | 1         | 19.95                             | 19.98 | 22.98 | 20.03       | 19.91 | 22.98 | 19.93     | 20.18 | 23.07 |
| 64QAM      | 1       | 1         | 18.19                             | 18.28 | 21.25 | 18.38       | 18.32 | 21.36 | 18.31     | 18.22 | 21.28 |
| 256QAM     | 1       | 1         | 15.97                             | 15.78 | 18.89 | 15.85       | 15.53 | 18.70 | 16        | 15.58 | 18.81 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.17                     | 24.21                     | 26.37              | 28.41              | 30               |
| 16QAM        | 22.98                     | 23.07                     | 27.18              | 27.27              | 30               |
| 64QAM        | 21.25                     | 21.36                     | 25.45              | 25.56              | 30               |
| 256QAM       | 18.7                      | 18.89                     | 22.9               | 23.09              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 633000                         |       |       | CH 633334   |       |       | CH 633666   |       |       |
|            |         |           | 3495 MHz                          |       |       | 3500.01 MHz |       |       | 3504.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 21.18                             | 21.26 | 24.23 | 21.13       | 21.20 | 24.18 | 21.29       | 21.26 | 24.29 |
|            | 1       | 123       | 21.98                             | 20.11 | 24.16 | 21.99       | 20.23 | 24.21 | 21.97       | 20.21 | 24.19 |
|            | 1       | 243       | 22.12                             | 20.29 | 24.31 | 22.00       | 20.33 | 24.26 | 22.11       | 20.33 | 24.32 |
|            | 120     | 0         | 19.51                             | 19.19 | 22.36 | 19.43       | 19.15 | 22.30 | 19.54       | 19.23 | 22.40 |
|            | 120     | 63        | 22.17                             | 20.16 | 24.29 | 22.11       | 20.17 | 24.26 | 22.15       | 20.25 | 24.31 |
|            | 120     | 125       | 19.71                             | 18.90 | 22.33 | 19.78       | 18.91 | 22.38 | 19.71       | 18.92 | 22.34 |
|            | 243     | 0         | 19.69                             | 19.57 | 22.64 | 19.68       | 19.47 | 22.59 | 19.63       | 19.39 | 22.52 |
| 16QAM      | 1       | 1         | 20.01                             | 20.01 | 23.02 | 20.08       | 20.1  | 23.10 | 20.02       | 20.32 | 23.18 |
| 64QAM      | 1       | 1         | 18.41                             | 18.45 | 21.44 | 18.54       | 18.44 | 21.50 | 18.45       | 18.26 | 21.37 |
| 256QAM     | 1       | 1         | 16.01                             | 15.85 | 18.94 | 15.91       | 15.73 | 18.83 | 16.04       | 15.73 | 18.90 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.3                      | 24.32                     | 26.5               | 28.52              | 30               |
| 16QAM        | 23.02                     | 23.18                     | 27.22              | 27.38              | 30               |
| 64QAM        | 21.37                     | 21.5                      | 25.57              | 25.7               | 30               |
| 256QAM       | 18.83                     | 18.94                     | 23.03              | 23.14              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC2, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|
|            |         |           | CH 633334                         |       |       |
|            |         |           | 3500.01 MHz                       |       |       |
|            |         |           | TX 1                              | TX 2  | Total |
| QPSK       | 1       | 1         | 21.30                             | 21.45 | 24.39 |
|            | 1       | 137       | 22.03                             | 20.23 | 24.23 |
|            | 1       | 271       | 22.19                             | 20.33 | 24.37 |
|            | 135     | 0         | 19.56                             | 19.33 | 22.46 |
|            | 135     | 69        | 22.15                             | 20.28 | 24.33 |
|            | 135     | 138       | 19.86                             | 19.09 | 22.50 |
|            | 270     | 0         | 19.61                             | 19.48 | 22.56 |
| 16QAM      | 1       | 1         | 20.11                             | 20.24 | 23.19 |
| 64QAM      | 1       | 1         | 18.58                             | 18.38 | 21.49 |
| 256QAM     | 1       | 1         | 15.92                             | 15.72 | 18.83 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 22.46                     | 24.39                     | 26.66              | 28.59              | 30               |
| 16QAM        | 23.19                     | 23.19                     | 27.39              | 27.39              | 30               |
| 64QAM        | 21.49                     | 21.49                     | 25.69              | 25.69              | 30               |
| 256QAM       | 18.83                     | 18.83                     | 23.03              | 23.03              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 10 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630334                         |       |       | CH 633334   |       |       | CH 636332   |       |       |
|            |         |           | 3455.01 MHz                       |       |       | 3500.01 MHz |       |       | 3544.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.64                             | 18.88 | 21.77 | 18.62       | 18.89 | 21.77 | 18.72       | 18.98 | 21.86 |
|            | 1       | 11        | 19.43                             | 17.59 | 21.62 | 19.45       | 17.65 | 21.65 | 19.41       | 17.54 | 21.59 |
|            | 1       | 22        | 19.67                             | 17.77 | 21.83 | 19.69       | 17.72 | 21.83 | 19.51       | 17.71 | 21.71 |
|            | 12      | 0         | 16.98                             | 16.79 | 19.90 | 16.93       | 16.65 | 19.80 | 16.87       | 16.78 | 19.84 |
|            | 12      | 6         | 19.62                             | 17.62 | 21.74 | 19.58       | 17.68 | 21.74 | 19.66       | 17.54 | 21.74 |
|            | 12      | 12        | 17.30                             | 16.45 | 19.91 | 17.24       | 16.45 | 19.87 | 17.26       | 16.53 | 19.92 |
|            | 24      | 0         | 17.03                             | 16.71 | 19.88 | 17.17       | 16.71 | 19.96 | 17.10       | 16.86 | 19.99 |
| 16QAM      | 1       | 1         | 17.41                             | 17.52 | 20.48 | 17.41       | 17.6  | 20.52 | 17.39       | 17.64 | 20.53 |
| 64QAM      | 1       | 1         | 15.83                             | 15.68 | 18.77 | 16          | 15.72 | 18.87 | 15.85       | 15.75 | 18.81 |
| 256QAM     | 1       | 1         | 13.16                             | 13.08 | 16.13 | 13.26       | 13.12 | 16.20 | 13.15       | 13.02 | 16.10 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.8                      | 21.86                     | 24                 | 26.06              | 30               |
| 16QAM        | 20.48                     | 20.53                     | 24.68              | 24.73              | 30               |
| 64QAM        | 18.77                     | 18.87                     | 22.97              | 23.07              | 30               |
| 256QAM       | 16.1                      | 16.2                      | 20.3               | 20.4               | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 15 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 630500                         |       |       | CH 633334   |       |       | CH 636166   |       |       |
|            |         |           | 3457.5 MHz                        |       |       | 3500.01 MHz |       |       | 3542.49 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.67                             | 18.93 | 21.81 | 18.81       | 18.95 | 21.89 | 18.69       | 18.93 | 21.82 |
|            | 1       | 19        | 19.49                             | 17.65 | 21.68 | 19.31       | 17.58 | 21.54 | 19.46       | 17.57 | 21.63 |
|            | 1       | 36        | 19.66                             | 17.75 | 21.82 | 19.68       | 17.63 | 21.79 | 19.60       | 17.60 | 21.72 |
|            | 18      | 0         | 16.86                             | 16.60 | 19.74 | 16.85       | 16.73 | 19.80 | 16.94       | 16.65 | 19.81 |
|            | 18      | 10        | 19.64                             | 17.61 | 21.75 | 19.66       | 17.61 | 21.77 | 19.60       | 17.53 | 21.70 |
|            | 18      | 20        | 17.21                             | 16.61 | 19.93 | 17.27       | 16.49 | 19.91 | 17.14       | 16.53 | 19.86 |
|            | 36      | 0         | 17.15                             | 16.85 | 20.01 | 16.98       | 16.74 | 19.87 | 17.02       | 16.73 | 19.89 |
| 16QAM      | 1       | 1         | 17.39                             | 17.46 | 20.44 | 17.49       | 17.59 | 20.55 | 17.5        | 17.63 | 20.58 |
| 64QAM      | 1       | 1         | 15.96                             | 15.68 | 18.83 | 15.85       | 15.58 | 18.73 | 15.88       | 15.61 | 18.76 |
| 256QAM     | 1       | 1         | 13.21                             | 13.06 | 16.15 | 13.27       | 13.02 | 16.16 | 13.2        | 13.02 | 16.12 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.74                     | 21.89                     | 23.94              | 26.09              | 30               |
| 16QAM        | 20.44                     | 20.58                     | 24.64              | 24.78              | 30               |
| 64QAM        | 18.73                     | 18.83                     | 22.93              | 23.03              | 30               |
| 256QAM       | 16.12                     | 16.16                     | 20.32              | 20.36              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 20 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 630668                         |       |       | CH 633334   |       |       | CH 636000 |       |       |
|            |         |           | 3460.02 MHz                       |       |       | 3500.01 MHz |       |       | 3540 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 18.67                             | 18.96 | 21.83 | 18.69       | 18.84 | 21.78 | 18.64     | 18.81 | 21.74 |
|            | 1       | 26        | 19.38                             | 17.61 | 21.59 | 19.48       | 17.58 | 21.64 | 19.36     | 17.61 | 21.58 |
|            | 1       | 49        | 19.54                             | 17.66 | 21.71 | 19.65       | 17.77 | 21.82 | 19.52     | 17.62 | 21.68 |
|            | 25      | 0         | 16.88                             | 16.62 | 19.76 | 17.00       | 16.75 | 19.89 | 17.03     | 16.79 | 19.92 |
|            | 25      | 13        | 19.64                             | 17.71 | 21.79 | 19.63       | 17.54 | 21.72 | 19.71     | 17.70 | 21.83 |
|            | 25      | 26        | 17.15                             | 16.49 | 19.84 | 17.16       | 16.57 | 19.89 | 17.17     | 16.53 | 19.87 |
|            | 50      | 0         | 17.09                             | 16.75 | 19.93 | 17.13       | 16.79 | 19.97 | 17.09     | 16.81 | 19.96 |
| 16QAM      | 1       | 1         | 17.37                             | 17.54 | 20.47 | 17.53       | 17.52 | 20.54 | 17.44     | 17.45 | 20.46 |
| 64QAM      | 1       | 1         | 15.99                             | 15.72 | 18.87 | 15.99       | 15.69 | 18.85 | 15.96     | 15.59 | 18.79 |
| 256QAM     | 1       | 1         | 13.24                             | 13.16 | 16.21 | 13.28       | 13.03 | 16.17 | 13.18     | 13.09 | 16.15 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.76                     | 21.83                     | 23.96              | 26.03              | 30               |
| 16QAM        | 20.46                     | 20.54                     | 24.66              | 24.74              | 30               |
| 64QAM        | 18.79                     | 18.87                     | 22.99              | 23.07              | 30               |
| 256QAM       | 16.15                     | 16.21                     | 20.35              | 20.41              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 30 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631000                         |       |       | CH 633334   |       |       | CH 635666   |       |       |
|            |         |           | 3465 MHz                          |       |       | 3500.01 MHz |       |       | 3534.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.68                             | 18.86 | 21.78 | 18.71       | 18.80 | 21.77 | 18.71       | 18.85 | 21.79 |
|            | 1       | 39        | 19.49                             | 17.59 | 21.65 | 19.34       | 17.48 | 21.52 | 19.49       | 17.57 | 21.65 |
|            | 1       | 76        | 19.56                             | 17.68 | 21.73 | 19.63       | 17.66 | 21.77 | 19.65       | 17.74 | 21.81 |
|            | 36      | 0         | 17.00                             | 16.68 | 19.85 | 16.95       | 16.65 | 19.81 | 16.90       | 16.70 | 19.81 |
|            | 36      | 21        | 19.55                             | 17.53 | 21.67 | 19.53       | 17.67 | 21.71 | 19.61       | 17.70 | 21.77 |
|            | 36      | 42        | 17.13                             | 16.53 | 19.85 | 17.24       | 16.53 | 19.91 | 17.30       | 16.48 | 19.92 |
|            | 75      | 0         | 17.15                             | 16.80 | 19.99 | 17.15       | 16.69 | 19.94 | 17.00       | 16.78 | 19.90 |
| 16QAM      | 1       | 1         | 17.47                             | 17.56 | 20.53 | 17.49       | 17.53 | 20.52 | 17.54       | 17.59 | 20.58 |
| 64QAM      | 1       | 1         | 16.01                             | 15.58 | 18.81 | 15.85       | 15.71 | 18.79 | 15.83       | 15.59 | 18.72 |
| 256QAM     | 1       | 1         | 13.27                             | 13.17 | 16.23 | 13.27       | 13.17 | 16.23 | 13.27       | 13.04 | 16.17 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.81                     | 21.81                     | 24.01              | 26.01              | 30               |
| 16QAM        | 20.52                     | 20.58                     | 24.72              | 24.78              | 30               |
| 64QAM        | 18.72                     | 18.81                     | 22.92              | 23.01              | 30               |
| 256QAM       | 16.17                     | 16.23                     | 20.37              | 20.43              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 40 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 631334                         |       |       | CH 633334   |       |       | CH 635332   |       |       |
|            |         |           | 3470.01 MHz                       |       |       | 3500.01 MHz |       |       | 3529.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.67                             | 18.97 | 21.83 | 18.78       | 18.94 | 21.87 | 18.66       | 18.81 | 21.75 |
|            | 1       | 53        | 19.34                             | 17.62 | 21.57 | 19.35       | 17.57 | 21.56 | 19.33       | 17.64 | 21.58 |
|            | 1       | 104       | 19.57                             | 17.68 | 21.74 | 19.59       | 17.77 | 21.78 | 19.61       | 17.69 | 21.77 |
|            | 50      | 0         | 17.03                             | 16.62 | 19.84 | 16.99       | 16.77 | 19.89 | 16.87       | 16.68 | 19.79 |
|            | 50      | 28        | 19.59                             | 17.57 | 21.71 | 19.56       | 17.64 | 21.72 | 19.58       | 17.68 | 21.74 |
|            | 50      | 56        | 17.15                             | 16.47 | 19.83 | 17.24       | 16.45 | 19.87 | 17.11       | 16.48 | 19.82 |
|            | 100     | 0         | 17.01                             | 16.81 | 19.92 | 17.04       | 16.82 | 19.94 | 16.98       | 16.81 | 19.91 |
| 16QAM      | 1       | 1         | 17.43                             | 17.53 | 20.49 | 17.56       | 17.54 | 20.56 | 17.42       | 17.6  | 20.52 |
| 64QAM      | 1       | 1         | 15.9                              | 15.76 | 18.84 | 15.9        | 15.72 | 18.82 | 15.87       | 15.67 | 18.78 |
| 256QAM     | 1       | 1         | 13.15                             | 13.11 | 16.14 | 13.25       | 13.18 | 16.23 | 13.26       | 13.17 | 16.23 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.79                     | 21.87                     | 23.99              | 26.07              | 30               |
| 16QAM        | 20.49                     | 20.56                     | 24.69              | 24.76              | 30               |
| 64QAM        | 18.78                     | 18.84                     | 22.98              | 23.04              | 30               |
| 256QAM       | 16.14                     | 16.23                     | 20.34              | 20.43              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 50 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 631668                         |       |       | CH 633334   |       |       | CH 635000 |       |       |
|            |         |           | 3475.02 MHz                       |       |       | 3500.01 MHz |       |       | 3525 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 18.81                             | 18.79 | 21.81 | 18.69       | 18.94 | 21.83 | 18.62     | 18.82 | 21.73 |
|            | 1       | 67        | 19.37                             | 17.63 | 21.60 | 19.43       | 17.64 | 21.64 | 19.33     | 17.53 | 21.53 |
|            | 1       | 131       | 19.63                             | 17.70 | 21.78 | 19.70       | 17.71 | 21.83 | 19.63     | 17.58 | 21.74 |
|            | 64      | 0         | 16.99                             | 16.65 | 19.83 | 17.01       | 16.79 | 19.91 | 16.90     | 16.74 | 19.83 |
|            | 64      | 35        | 19.61                             | 17.64 | 21.75 | 19.70       | 17.54 | 21.76 | 19.64     | 17.71 | 21.79 |
|            | 64      | 69        | 17.24                             | 16.53 | 19.91 | 17.23       | 16.49 | 19.89 | 17.13     | 16.53 | 19.85 |
|            | 128     | 0         | 17.08                             | 16.79 | 19.95 | 17.03       | 16.85 | 19.95 | 17.14     | 16.87 | 20.02 |
| 16QAM      | 1       | 1         | 17.48                             | 17.45 | 20.48 | 17.56       | 17.46 | 20.52 | 17.51     | 17.61 | 20.57 |
| 64QAM      | 1       | 1         | 15.92                             | 15.73 | 18.84 | 15.84       | 15.76 | 18.81 | 15.98     | 15.65 | 18.83 |
| 256QAM     | 1       | 1         | 13.29                             | 13.1  | 16.21 | 13.26       | 13.15 | 16.22 | 13.22     | 13.16 | 16.20 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.83                     | 21.83                     | 24.03              | 26.03              | 30               |
| 16QAM        | 20.48                     | 20.57                     | 24.68              | 24.77              | 30               |
| 64QAM        | 18.81                     | 18.84                     | 23.01              | 23.04              | 30               |
| 256QAM       | 16.2                      | 16.22                     | 20.4               | 20.42              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 60 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632000                         |       |       | CH 633334   |       |       | CH 634666   |       |       |
|            |         |           | 3480 MHz                          |       |       | 3500.01 MHz |       |       | 3519.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.70                             | 18.88 | 21.80 | 18.67       | 18.88 | 21.79 | 18.81       | 18.91 | 21.87 |
|            | 1       | 81        | 19.39                             | 17.62 | 21.60 | 19.32       | 17.56 | 21.54 | 19.48       | 17.62 | 21.66 |
|            | 1       | 160       | 19.69                             | 17.61 | 21.78 | 19.61       | 17.74 | 21.79 | 19.55       | 17.60 | 21.69 |
|            | 81      | 0         | 17.01                             | 16.64 | 19.84 | 16.91       | 16.73 | 19.83 | 16.94       | 16.74 | 19.85 |
|            | 81      | 41        | 19.64                             | 17.69 | 21.78 | 19.71       | 17.55 | 21.77 | 19.66       | 17.60 | 21.76 |
|            | 81      | 81        | 17.11                             | 16.64 | 19.89 | 17.26       | 16.61 | 19.96 | 17.16       | 16.51 | 19.86 |
|            | 162     | 0         | 17.06                             | 16.87 | 19.98 | 17.08       | 16.87 | 19.99 | 16.99       | 16.69 | 19.85 |
| 16QAM      | 1       | 1         | 17.4                              | 17.53 | 20.48 | 17.5        | 17.5  | 20.51 | 17.52       | 17.53 | 20.54 |
| 64QAM      | 1       | 1         | 15.82                             | 15.65 | 18.75 | 15.82       | 15.7  | 18.77 | 16.01       | 15.7  | 18.87 |
| 256QAM     | 1       | 1         | 13.15                             | 13    | 16.09 | 13.24       | 12.99 | 16.13 | 13.3        | 13.07 | 16.20 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.83                     | 21.87                     | 24.03              | 26.07              | 30               |
| 16QAM        | 20.48                     | 20.54                     | 24.68              | 24.74              | 30               |
| 64QAM        | 18.75                     | 18.87                     | 22.95              | 23.07              | 30               |
| 256QAM       | 16.09                     | 16.2                      | 20.29              | 20.4               | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 70 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 632334                         |       |       | CH 633334   |       |       | CH 634332   |       |       |
|            |         |           | 3485.01 MHz                       |       |       | 3500.01 MHz |       |       | 3514.98 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.75                             | 18.82 | 21.80 | 18.66       | 18.86 | 21.77 | 18.70       | 18.96 | 21.84 |
|            | 1       | 95        | 19.36                             | 17.62 | 21.59 | 19.39       | 17.61 | 21.60 | 19.37       | 17.49 | 21.54 |
|            | 1       | 187       | 19.54                             | 17.74 | 21.74 | 19.59       | 17.59 | 21.71 | 19.64       | 17.63 | 21.76 |
|            | 90      | 0         | 17.02                             | 16.64 | 19.84 | 16.85       | 16.70 | 19.79 | 17.03       | 16.79 | 19.92 |
|            | 90      | 50        | 19.63                             | 17.53 | 21.72 | 19.69       | 17.57 | 21.77 | 19.54       | 17.65 | 21.71 |
|            | 90      | 99        | 17.26                             | 16.58 | 19.94 | 17.20       | 16.47 | 19.86 | 17.20       | 16.60 | 19.92 |
|            | 180     | 0         | 16.99                             | 16.83 | 19.92 | 17.02       | 16.69 | 19.87 | 17.03       | 16.71 | 19.88 |
| 16QAM      | 1       | 1         | 17.4                              | 17.64 | 20.53 | 17.48       | 17.58 | 20.54 | 17.56       | 17.47 | 20.53 |
| 64QAM      | 1       | 1         | 15.91                             | 15.59 | 18.76 | 15.93       | 15.59 | 18.77 | 15.92       | 15.71 | 18.83 |
| 256QAM     | 1       | 1         | 13.24                             | 13.16 | 16.21 | 13.29       | 13.18 | 16.25 | 13.23       | 13.01 | 16.13 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.79                     | 21.84                     | 23.99              | 26.04              | 30               |
| 16QAM        | 20.53                     | 20.54                     | 24.73              | 24.74              | 30               |
| 64QAM        | 18.76                     | 18.83                     | 22.96              | 23.03              | 30               |
| 256QAM       | 16.13                     | 16.25                     | 20.33              | 20.45              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 80 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |           |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-----------|-------|-------|
|            |         |           | CH 632668                         |       |       | CH 633334   |       |       | CH 634000 |       |       |
|            |         |           | 3490.02 MHz                       |       |       | 3500.01 MHz |       |       | 3510 MHz  |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1      | TX 2  | Total |
| QPSK       | 1       | 1         | 18.75                             | 18.92 | 21.85 | 18.76       | 18.95 | 21.87 | 18.74     | 18.97 | 21.87 |
|            | 1       | 109       | 19.39                             | 17.67 | 21.62 | 19.34       | 17.60 | 21.57 | 19.37     | 17.52 | 21.55 |
|            | 1       | 215       | 19.64                             | 17.66 | 21.77 | 19.65       | 17.71 | 21.80 | 19.68     | 17.62 | 21.78 |
|            | 108     | 0         | 16.96                             | 16.60 | 19.79 | 16.85       | 16.76 | 19.82 | 16.89     | 16.60 | 19.76 |
|            | 108     | 55        | 19.69                             | 17.66 | 21.80 | 19.66       | 17.72 | 21.81 | 19.64     | 17.59 | 21.75 |
|            | 108     | 109       | 17.27                             | 16.47 | 19.90 | 17.26       | 16.57 | 19.94 | 17.12     | 16.59 | 19.87 |
|            | 216     | 0         | 17.00                             | 16.83 | 19.93 | 17.08       | 16.71 | 19.91 | 17.15     | 16.77 | 19.97 |
| 16QAM      | 1       | 1         | 17.44                             | 17.63 | 20.55 | 17.46       | 17.52 | 20.50 | 17.52     | 17.54 | 20.54 |
| 64QAM      | 1       | 1         | 15.93                             | 15.71 | 18.83 | 15.91       | 15.76 | 18.85 | 15.95     | 15.58 | 18.78 |
| 256QAM     | 1       | 1         | 13.17                             | 13.01 | 16.10 | 13.18       | 13.16 | 16.18 | 13.19     | 13.04 | 16.13 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.76                     | 21.87                     | 23.96              | 26.07              | 30               |
| 16QAM        | 20.5                      | 20.55                     | 24.7               | 24.75              | 30               |
| 64QAM        | 18.78                     | 18.85                     | 22.98              | 23.05              | 30               |
| 256QAM       | 16.1                      | 16.18                     | 20.3               | 20.38              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 90 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |             |       |       |             |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|-------------|-------|-------|-------------|-------|-------|
|            |         |           | CH 633000                         |       |       | CH 633334   |       |       | CH 633666   |       |       |
|            |         |           | 3495 MHz                          |       |       | 3500.01 MHz |       |       | 3504.99 MHz |       |       |
|            |         |           | TX 1                              | TX 2  | Total | TX 1        | TX 2  | Total | TX 1        | TX 2  | Total |
| QPSK       | 1       | 1         | 18.68                             | 18.95 | 21.83 | 18.67       | 18.98 | 21.84 | 18.74       | 18.84 | 21.80 |
|            | 1       | 123       | 19.40                             | 17.59 | 21.60 | 19.48       | 17.49 | 21.61 | 19.43       | 17.57 | 21.61 |
|            | 1       | 243       | 19.54                             | 17.59 | 21.68 | 19.54       | 17.70 | 21.73 | 19.55       | 17.73 | 21.74 |
|            | 120     | 0         | 16.93                             | 16.61 | 19.78 | 16.87       | 16.78 | 19.84 | 17.03       | 16.72 | 19.89 |
|            | 120     | 63        | 19.61                             | 17.66 | 21.75 | 19.72       | 17.55 | 21.78 | 19.56       | 17.70 | 21.74 |
|            | 120     | 125       | 17.16                             | 16.46 | 19.83 | 17.12       | 16.48 | 19.82 | 17.21       | 16.50 | 19.88 |
|            | 243     | 0         | 17.01                             | 16.79 | 19.91 | 17.16       | 16.70 | 19.95 | 17.13       | 16.81 | 19.98 |
| 16QAM      | 1       | 1         | 17.5                              | 17.52 | 20.52 | 17.53       | 17.62 | 20.59 | 17.5        | 17.52 | 20.52 |
| 64QAM      | 1       | 1         | 15.94                             | 15.72 | 18.84 | 16.01       | 15.63 | 18.83 | 15.91       | 15.59 | 18.76 |
| 256QAM     | 1       | 1         | 13.28                             | 13    | 16.15 | 13.2        | 13.09 | 16.16 | 13.31       | 13    | 16.17 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 19.78                     | 21.84                     | 23.98              | 26.04              | 30               |
| 16QAM        | 20.52                     | 20.59                     | 24.72              | 24.79              | 30               |
| 64QAM        | 18.76                     | 18.84                     | 22.96              | 23.04              | 30               |
| 256QAM       | 16.15                     | 16.17                     | 20.35              | 20.37              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) PC3, Channel Bandwidth: 100 MHz**

| Modulation | RB Size | RB Offset | Measurement Conducted Power (dBm) |       |       |
|------------|---------|-----------|-----------------------------------|-------|-------|
|            |         |           | CH 633334                         |       |       |
|            |         |           | 3500.01 MHz                       |       |       |
|            |         |           | TX 1                              | TX 2  | Total |
| QPSK       | 1       | 1         | 18.84                             | 19.01 | 18.84 |
|            | 1       | 137       | 19.53                             | 17.70 | 19.53 |
|            | 1       | 271       | 19.73                             | 17.80 | 19.73 |
|            | 135     | 0         | 17.07                             | 16.82 | 17.07 |
|            | 135     | 69        | 19.75                             | 17.75 | 19.75 |
|            | 135     | 138       | 17.33                             | 16.67 | 17.33 |
|            | 270     | 0         | 17.20                             | 16.90 | 17.20 |
| 16QAM      | 1       | 1         | 17.59                             | 17.67 | 17.59 |
| 64QAM      | 1       | 1         | 16.04                             | 15.79 | 16.04 |
| 256QAM     | 1       | 1         | 13.35                             | 13.21 | 13.35 |

| Output Power |                           |                           |                    |                    |                  |
|--------------|---------------------------|---------------------------|--------------------|--------------------|------------------|
| Modulation   | Minimum Cond. Power (dBm) | Maximum Cond. Power (dBm) | Minimum EIRP (dBm) | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| QPSK         | 17.07                     | 19.75                     | 21.27              | 23.95              | 30               |
| 16QAM        | 17.59                     | 17.59                     | 21.79              | 21.79              | 30               |
| 64QAM        | 16.04                     | 16.04                     | 20.24              | 20.24              | 30               |
| 256QAM       | 13.35                     | 13.35                     | 17.55              | 17.55              | 30               |

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

## 7.2 Radiated Spurious Emissions below 1GHz

### SISO

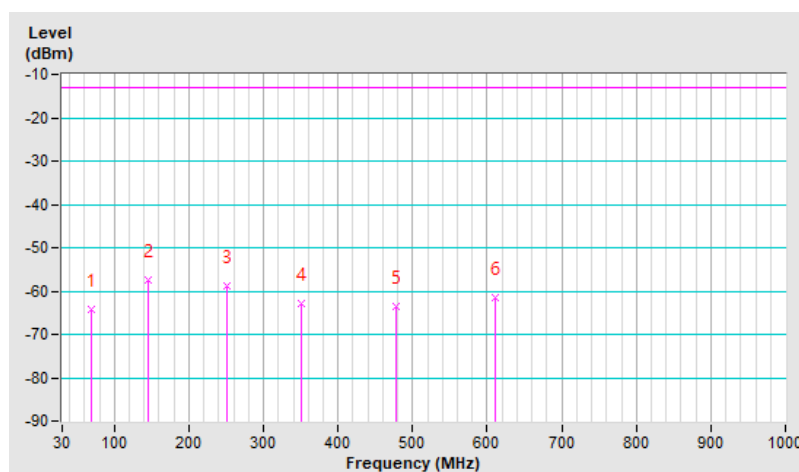
#### 7.2.1 NR n2 SCS 15 kHz

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 381500 : 1907.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 69.77           | -64.26     | -13.00      | -51.26      | 1.50 H             | 150                  | 46.25            | -110.51                  |
| 2                                                    | 145.43          | -57.62     | -13.00      | -44.62      | 1.00 H             | 281                  | 50.68            | -108.30                  |
| 3                                                    | 250.19          | -58.90     | -13.00      | -45.90      | 1.00 H             | 248                  | 50.41            | -109.31                  |
| 4                                                    | 351.07          | -62.85     | -13.00      | -49.85      | 1.00 H             | 312                  | 43.69            | -106.54                  |
| 5                                                    | 477.17          | -63.48     | -13.00      | -50.48      | 1.00 H             | 179                  | 39.58            | -103.06                  |
| 6                                                    | 611.03          | -61.40     | -13.00      | -48.40      | 2.00 H             | 232                  | 38.73            | -100.13                  |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



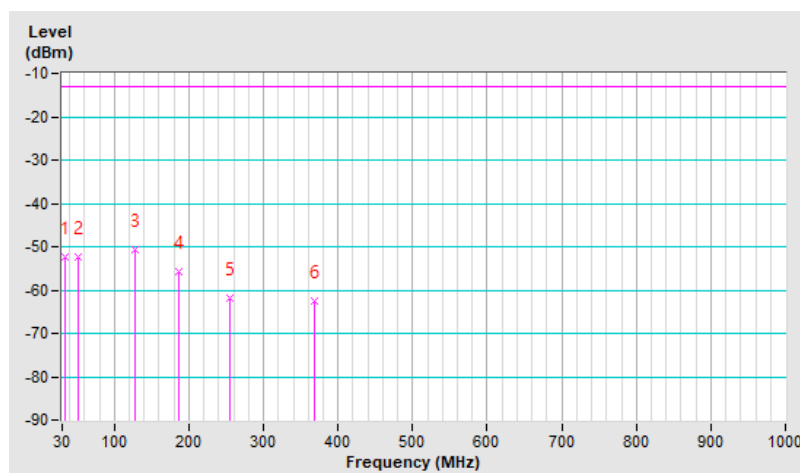


|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 381500 : 1907.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 33.88           | -52.32     | -13.00      | -39.32      | 1.00 V             | 356                  | 57.12            | -109.44                  |
| 2                                                  | 52.31           | -52.51     | -13.00      | -39.51      | 1.50 V             | 350                  | 55.88            | -108.39                  |
| 3                                                  | 127.97          | -50.56     | -13.00      | -37.56      | 1.00 V             | 189                  | 59.12            | -109.68                  |
| 4                                                  | 186.17          | -55.82     | -13.00      | -42.82      | 1.50 V             | 278                  | 54.80            | -110.62                  |
| 5                                                  | 255.04          | -61.79     | -13.00      | -48.79      | 1.00 V             | 242                  | 47.42            | -109.21                  |
| 6                                                  | 367.56          | -62.40     | -13.00      | -49.40      | 2.00 V             | 189                  | 43.64            | -106.04                  |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



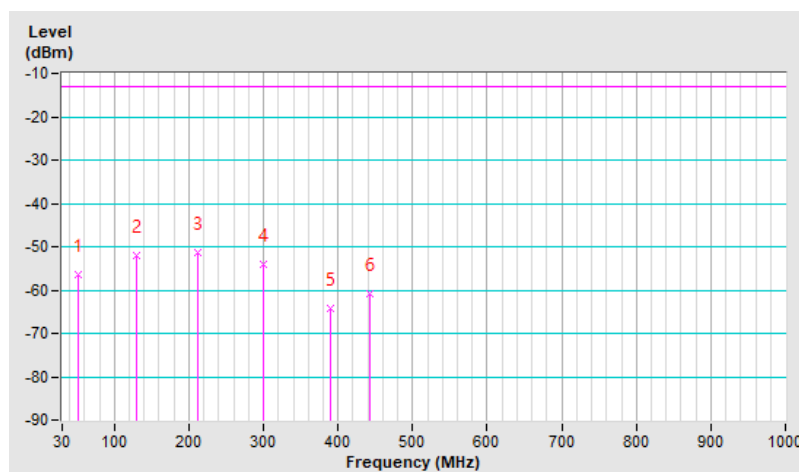
## 7.2.2 NR n5 SCS 15 kHz

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -56.55    | -13.00      | -43.55      | 2.00 H             | 129                  | 53.94            | -110.49                  |
| 2                                                    | 128.94          | -51.91    | -13.00      | -38.91      | 1.00 H             | 102                  | 59.89            | -111.80                  |
| 3                                                    | 212.36          | -51.30    | -13.00      | -38.30      | 1.00 H             | 258                  | 62.48            | -113.78                  |
| 4                                                    | 299.66          | -54.00    | -13.00      | -41.00      | 1.50 H             | 118                  | 55.76            | -109.76                  |
| 5                                                    | 389.87          | -64.13    | -13.00      | -51.13      | 1.00 H             | 299                  | 43.31            | -107.44                  |
| 6                                                    | 442.25          | -60.89    | -13.00      | -47.89      | 1.00 H             | 311                  | 45.04            | -105.93                  |

### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

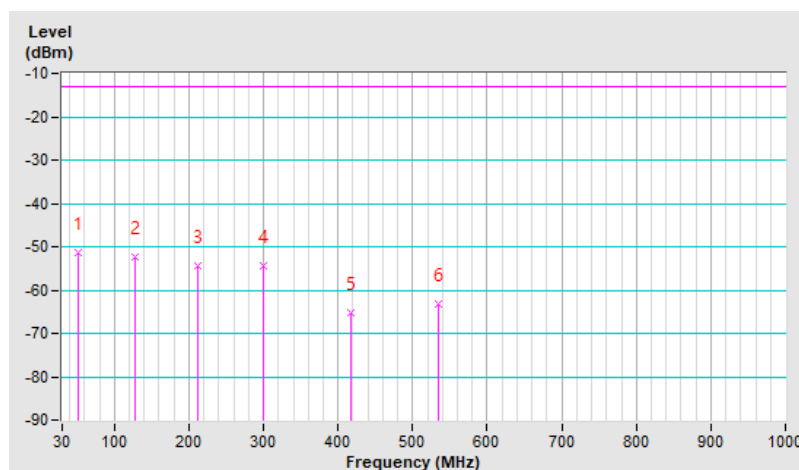


|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 51.34           | -51.39    | -13.00      | -38.39      | 1.49 V             | 18                   | 59.10            | -110.49                  |
| 2                                                  | 127.97          | -52.24    | -13.00      | -39.24      | 1.99 V             | 194                  | 59.59            | -111.83                  |
| 3                                                  | 212.36          | -54.42    | -13.00      | -41.42      | 1.00 V             | 200                  | 59.36            | -113.78                  |
| 4                                                  | 299.66          | -54.56    | -13.00      | -41.56      | 1.00 V             | 175                  | 55.20            | -109.76                  |
| 5                                                  | 417.03          | -65.42    | -13.00      | -52.42      | 1.00 V             | 159                  | 41.42            | -106.84                  |
| 6                                                  | 535.37          | -63.26    | -13.00      | -50.26      | 2.00 V             | 338                  | 40.91            | -104.17                  |

#### Remarks:

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



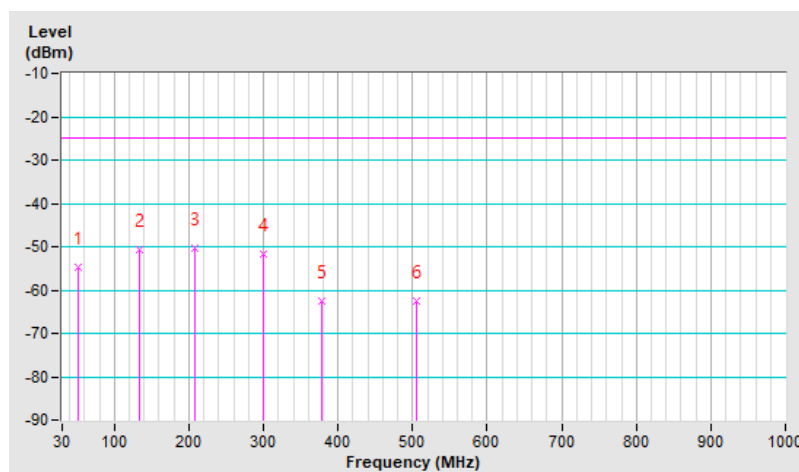
### 7.2.3 NR n7 SCS 15 kHz

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 513500 : 2567.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -54.75     | -25.00      | -29.75      | 1.50 H             | 155                  | 53.59            | -108.34                  |
| 2                                                    | 132.82          | -50.66     | -25.00      | -25.66      | 1.00 H             | 246                  | 58.54            | -109.20                  |
| 3                                                    | 208.48          | -50.29     | -25.00      | -25.29      | 1.00 H             | 257                  | 61.31            | -111.60                  |
| 4                                                    | 299.66          | -51.83     | -25.00      | -26.83      | 1.50 H             | 125                  | 55.78            | -107.61                  |
| 5                                                    | 378.23          | -62.45     | -25.00      | -37.45      | 2.00 H             | 292                  | 43.20            | -105.65                  |
| 6                                                    | 505.30          | -62.49     | -25.00      | -37.49      | 1.00 H             | 2                    | 40.20            | -102.69                  |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

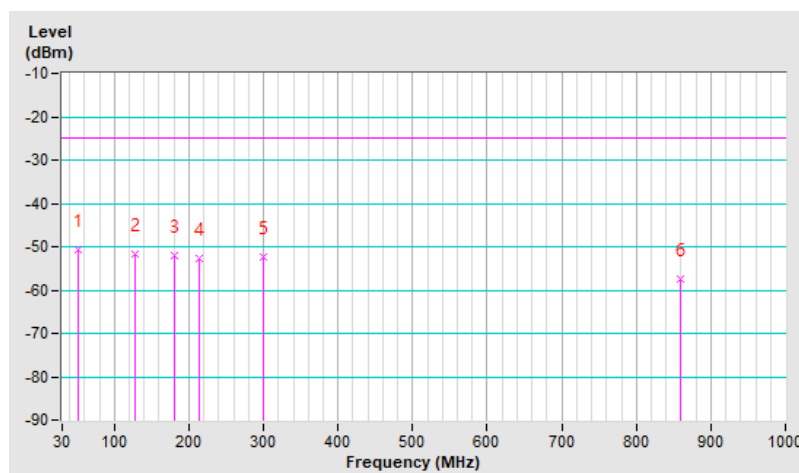


|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 513500 : 2567.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -50.65     | -25.00      | -25.65      | 1.00 V             | 16                   | 57.74            | -108.39                  |
| 2                                                  | 127.97          | -51.79     | -25.00      | -26.79      | 1.49 V             | 200                  | 57.89            | -109.68                  |
| 3                                                  | 181.32          | -52.06     | -25.00      | -27.06      | 1.00 V             | 196                  | 57.93            | -109.99                  |
| 4                                                  | 213.33          | -52.58     | -25.00      | -27.58      | 1.99 V             | 198                  | 59.06            | -111.64                  |
| 5                                                  | 300.63          | -52.33     | -25.00      | -27.33      | 1.49 V             | 162                  | 55.26            | -107.59                  |
| 6                                                  | 859.35          | -57.38     | -25.00      | -32.38      | 1.00 V             | 141                  | 39.35            | -96.73                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



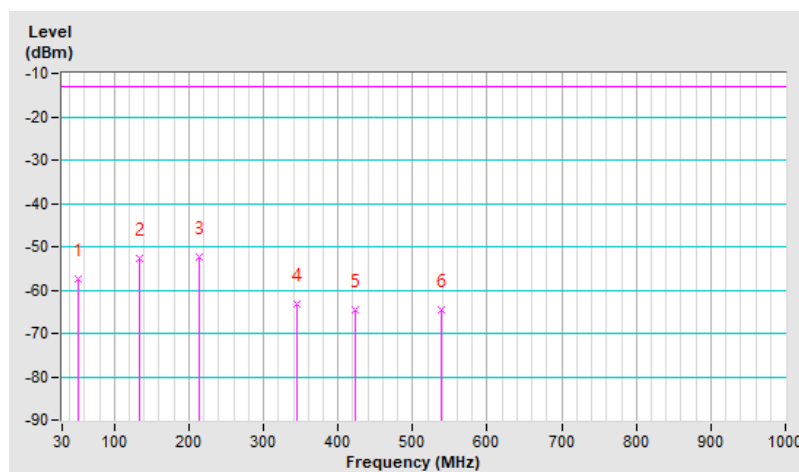
#### 7.2.4 NR n12 SCS 15 kHz

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 15MHz | <b>Channel</b>                           | CH 141500 : 707.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -57.41    | -13.00      | -44.41      | 1.50 H             | 123                  | 53.13            | -110.54                  |
| 2                                                    | 132.82          | -52.74    | -13.00      | -39.74      | 1.00 H             | 248                  | 58.61            | -111.35                  |
| 3                                                    | 213.33          | -52.43    | -13.00      | -39.43      | 1.99 H             | 258                  | 61.36            | -113.79                  |
| 4                                                    | 344.28          | -63.07    | -13.00      | -50.07      | 1.00 H             | 296                  | 45.68            | -108.75                  |
| 5                                                    | 422.85          | -64.68    | -13.00      | -51.68      | 1.00 H             | 181                  | 41.95            | -106.63                  |
| 6                                                    | 538.28          | -64.66    | -13.00      | -51.66      | 1.00 H             | 18                   | 39.48            | -104.14                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

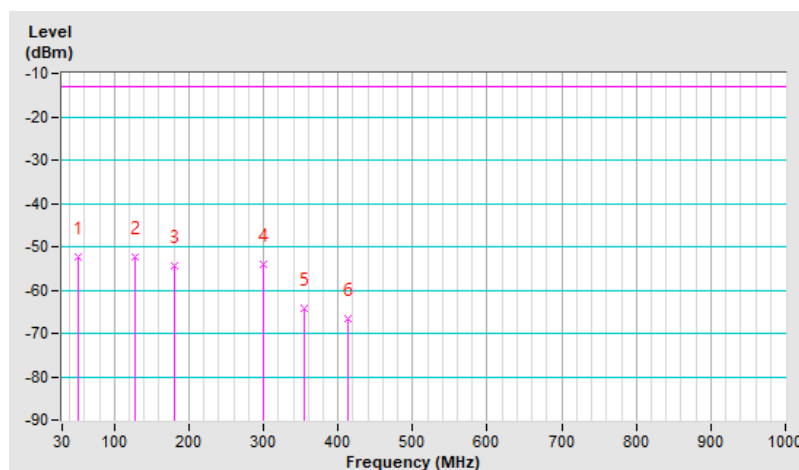


|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 15MHz | <b>Channel</b>                           | CH 141500 : 707.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -52.34    | -13.00      | -39.34      | 1.00 V             | 14                   | 58.20            | -110.54                  |
| 2                                                  | 127.00          | -52.33    | -13.00      | -39.33      | 2.00 V             | 197                  | 59.71            | -112.04                  |
| 3                                                  | 181.32          | -54.24    | -13.00      | -41.24      | 1.00 V             | 225                  | 57.90            | -112.14                  |
| 4                                                  | 299.66          | -54.05    | -13.00      | -41.05      | 1.00 V             | 165                  | 55.71            | -109.76                  |
| 5                                                  | 354.95          | -64.29    | -13.00      | -51.29      | 1.50 V             | 181                  | 44.33            | -108.62                  |
| 6                                                  | 414.12          | -66.73    | -13.00      | -53.73      | 1.50 V             | 18                   | 40.20            | -106.93                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) +  $20\log(D)$  – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



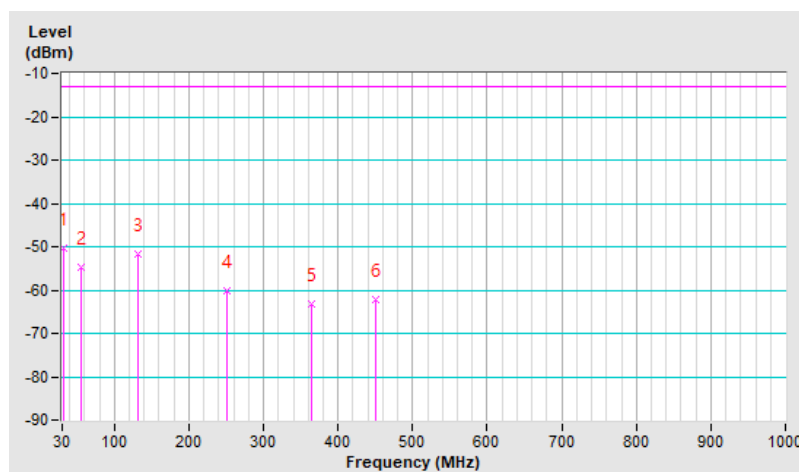
### 7.2.5 NR n14 SCS 15 kHz

|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 158600 : 793 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 31.94           | -50.38    | -13.00      | -37.38      | 2.00 H             | 250                  | 61.31            | -111.69                  |
| 2                                                    | 56.19           | -54.91    | -13.00      | -41.91      | 1.00 H             | 317                  | 55.85            | -110.76                  |
| 3                                                    | 131.85          | -51.74    | -13.00      | -38.74      | 1.50 H             | 205                  | 59.81            | -111.55                  |
| 4                                                    | 250.19          | -60.21    | -13.00      | -47.21      | 1.00 H             | 220                  | 51.25            | -111.46                  |
| 5                                                    | 363.68          | -63.35    | -13.00      | -50.35      | 1.00 H             | 193                  | 45.01            | -108.36                  |
| 6                                                    | 450.01          | -62.25    | -13.00      | -49.25      | 2.00 H             | 170                  | 43.46            | -105.71                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



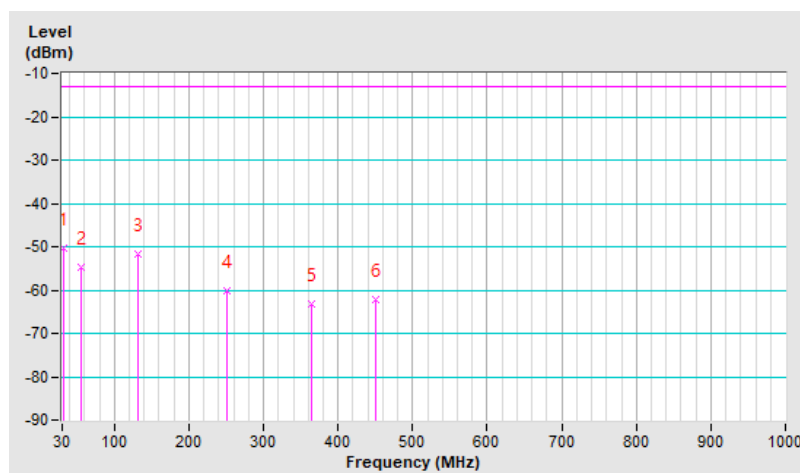


|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 158600 : 793 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 31.94           | -50.38    | -13.00      | -37.38      | 2.00 V             | 250                  | 61.31            | -111.69                  |
| 2                                                  | 56.19           | -54.91    | -13.00      | -41.91      | 1.00 V             | 317                  | 55.85            | -110.76                  |
| 3                                                  | 131.85          | -51.74    | -13.00      | -38.74      | 1.50 V             | 205                  | 59.81            | -111.55                  |
| 4                                                  | 250.19          | -60.21    | -13.00      | -47.21      | 1.00 V             | 220                  | 51.25            | -111.46                  |
| 5                                                  | 363.68          | -63.35    | -13.00      | -50.35      | 1.00 V             | 193                  | 45.01            | -108.36                  |
| 6                                                  | 450.01          | -62.25    | -13.00      | -49.25      | 2.00 V             | 170                  | 43.46            | -105.71                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) +  $20\log(D)$  – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



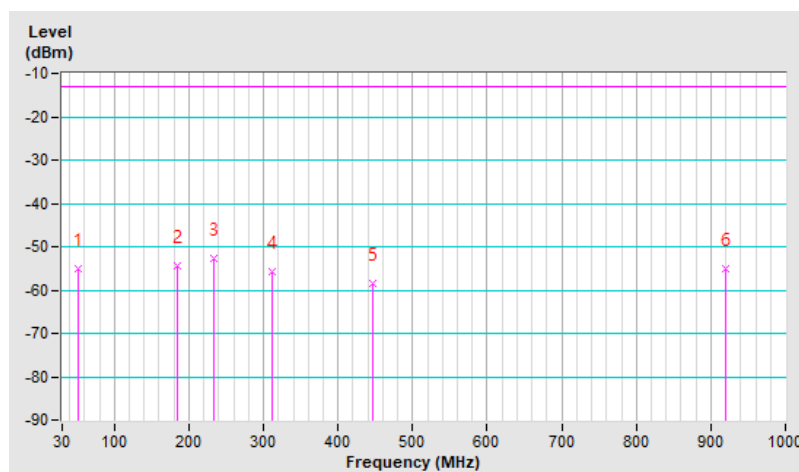
## 7.2.6 NR n25 SCS 15 kHz

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 382500 : 1912.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -55.20     | -13.00      | -42.20      | 1.25 H             | 141                  | 53.19            | -108.39                  |
| 2                                                    | 185.20          | -54.25     | -13.00      | -41.25      | 1.00 H             | 259                  | 56.29            | -110.54                  |
| 3                                                    | 233.70          | -52.70     | -13.00      | -39.70      | 1.25 H             | 251                  | 57.47            | -110.17                  |
| 4                                                    | 312.27          | -55.90     | -13.00      | -42.90      | 1.50 H             | 287                  | 51.28            | -107.18                  |
| 5                                                    | 447.10          | -58.58     | -13.00      | -45.58      | 1.00 H             | 303                  | 45.06            | -103.64                  |
| 6                                                    | 919.49          | -55.10     | -13.00      | -42.10      | 1.50 H             | 246                  | 40.64            | -95.74                   |

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

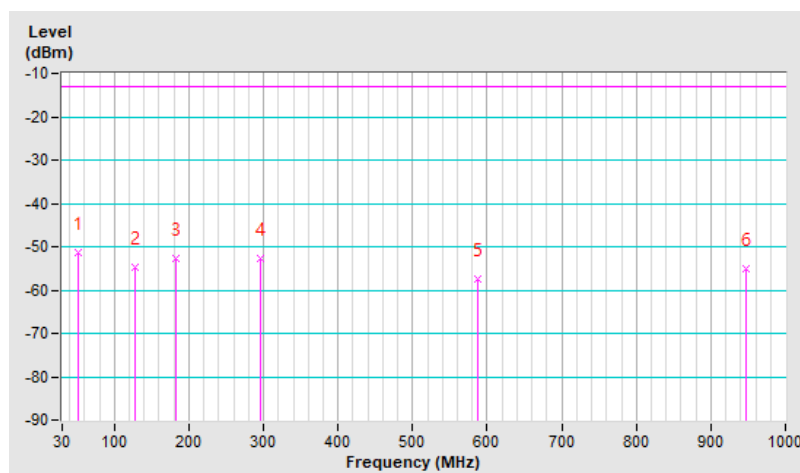


|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 382500 : 1912.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -51.20     | -13.00      | -38.20      | 1.50 V             | 351                  | 57.19            | -108.39                  |
| 2                                                  | 127.97          | -54.60     | -13.00      | -41.60      | 1.00 V             | 220                  | 55.08            | -109.68                  |
| 3                                                  | 182.29          | -52.80     | -13.00      | -39.80      | 1.25 V             | 302                  | 57.33            | -110.13                  |
| 4                                                  | 296.75          | -52.80     | -13.00      | -39.80      | 1.25 V             | 176                  | 54.89            | -107.69                  |
| 5                                                  | 586.78          | -57.32     | -13.00      | -44.32      | 1.00 V             | 255                  | 43.49            | -100.81                  |
| 6                                                  | 946.65          | -55.10     | -13.00      | -42.10      | 1.50 V             | 2                    | 40.00            | -95.10                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



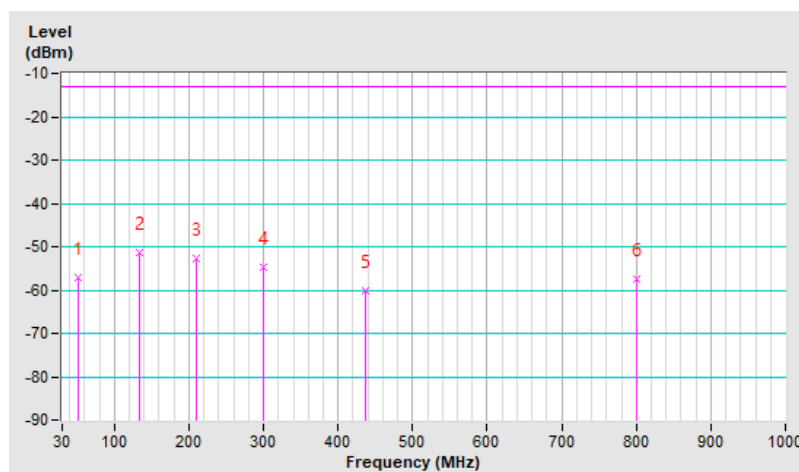
## 7.2.7 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 164800 : 824 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -57.00    | -13.00      | -44.00      | 1.50 H             | 116                  | 53.54            | -110.54                  |
| 2                                                    | 132.82          | -51.40    | -13.00      | -38.40      | 1.50 H             | 254                  | 59.95            | -111.35                  |
| 3                                                    | 210.42          | -52.56    | -13.00      | -39.56      | 1.00 H             | 265                  | 61.19            | -113.75                  |
| 4                                                    | 299.66          | -54.90    | -13.00      | -41.90      | 1.25 H             | 312                  | 54.86            | -109.76                  |
| 5                                                    | 436.43          | -60.07    | -13.00      | -47.07      | 1.00 H             | 322                  | 46.05            | -106.12                  |
| 6                                                    | 800.18          | -57.50    | -13.00      | -44.50      | 1.25 H             | 149                  | 41.86            | -99.36                   |

## Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

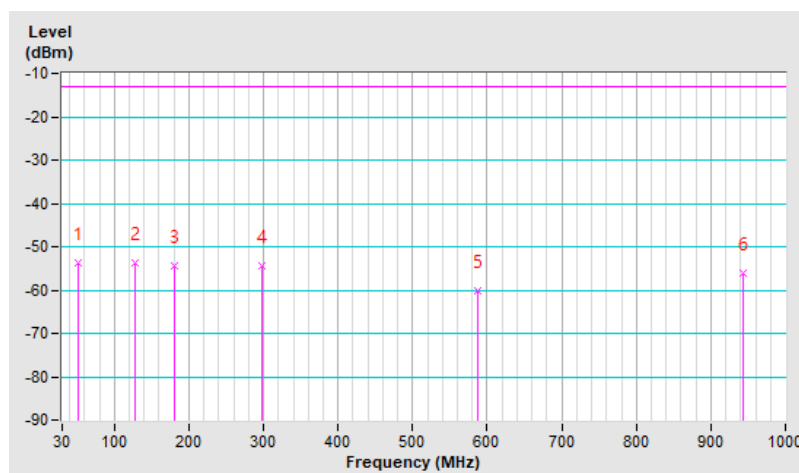


|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 164800 : 824 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -53.80    | -13.00      | -40.80      | 1.00 V             | 245                  | 56.74            | -110.54                  |
| 2                                                  | 127.97          | -53.80    | -13.00      | -40.80      | 1.25 V             | 215                  | 58.03            | -111.83                  |
| 3                                                  | 181.32          | -54.50    | -13.00      | -41.50      | 1.25 V             | 293                  | 57.64            | -112.14                  |
| 4                                                  | 297.72          | -54.25    | -13.00      | -41.25      | 1.00 V             | 188                  | 55.56            | -109.81                  |
| 5                                                  | 586.78          | -60.30    | -13.00      | -47.30      | 1.50 V             | 253                  | 42.66            | -102.96                  |
| 6                                                  | 943.74          | -56.15    | -13.00      | -43.15      | 1.00 V             | 18                   | 41.17            | -97.32                   |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) +  $20\log(D) - 104.8 - 2.15$
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



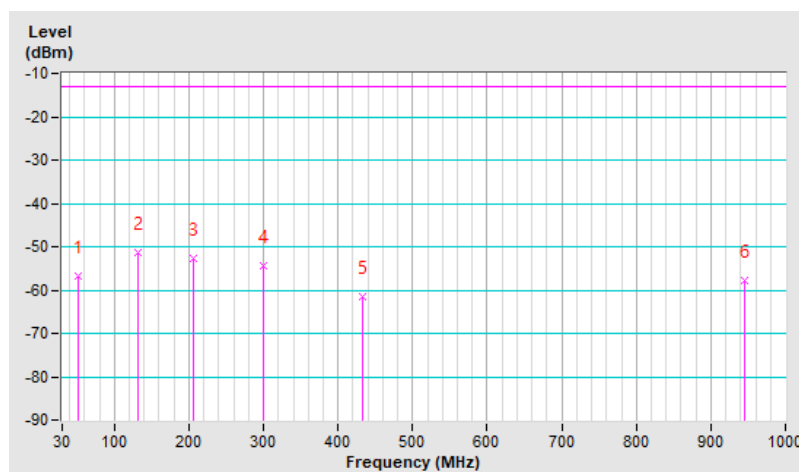
## 7.2.8 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 169300 : 846.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -56.80    | -13.00      | -43.80      | 1.25 H             | 148                  | 53.69            | -110.49                  |
| 2                                                    | 130.88          | -51.49    | -13.00      | -38.49      | 1.50 H             | 256                  | 60.08            | -111.57                  |
| 3                                                    | 205.57          | -52.68    | -13.00      | -39.68      | 1.00 H             | 262                  | 61.09            | -113.77                  |
| 4                                                    | 299.66          | -54.50    | -13.00      | -41.50      | 1.25 H             | 120                  | 55.26            | -109.76                  |
| 5                                                    | 433.52          | -61.58    | -13.00      | -48.58      | 1.00 H             | 158                  | 44.66            | -106.24                  |
| 6                                                    | 944.71          | -57.70    | -13.00      | -44.70      | 1.50 H             | 123                  | 39.59            | -97.29                   |

## Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

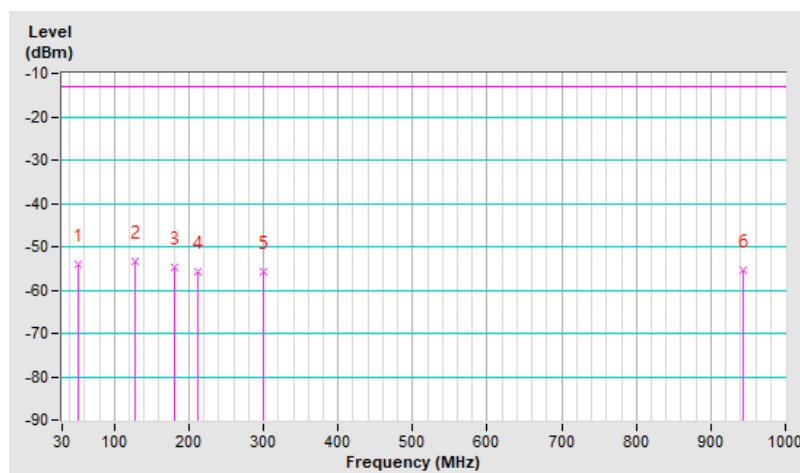


|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 169300 : 846.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 51.34           | -54.20    | -13.00      | -41.20      | 1.25 V             | 2                    | 56.29            | -110.49                  |
| 2                                                  | 127.97          | -53.30    | -13.00      | -40.30      | 1.25 V             | 228                  | 58.53            | -111.83                  |
| 3                                                  | 181.32          | -54.79    | -13.00      | -41.79      | 1.00 V             | 300                  | 57.35            | -112.14                  |
| 4                                                  | 211.39          | -55.60    | -13.00      | -42.60      | 1.50 V             | 196                  | 58.16            | -113.76                  |
| 5                                                  | 299.66          | -55.84    | -13.00      | -42.84      | 1.00 V             | 147                  | 53.92            | -109.76                  |
| 6                                                  | 943.74          | -55.50    | -13.00      | -42.50      | 1.25 V             | 139                  | 41.82            | -97.32                   |

#### Remarks:

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



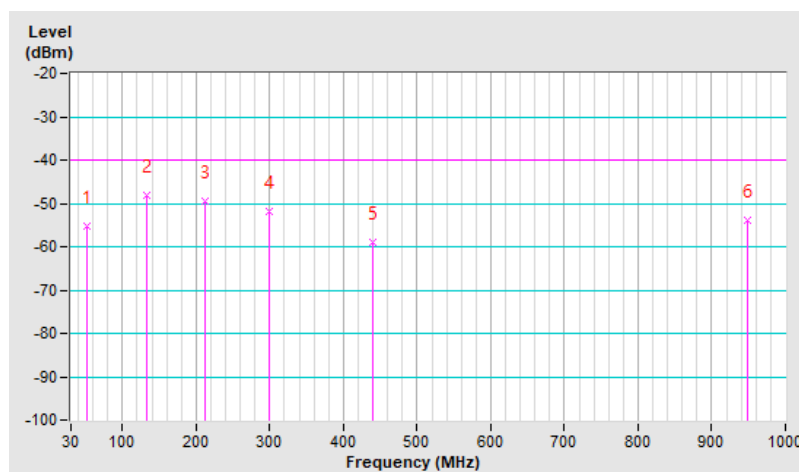
## 7.2.9 NR n30 SCS 15 kHz

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 462000 : 2310 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -55.23     | -40.00      | -15.23      | 1.25 H             | 124                  | 53.11            | -108.34                  |
| 2                                                    | 132.82          | -48.16     | -40.00      | -8.16       | 1.00 H             | 240                  | 61.04            | -109.20                  |
| 3                                                    | 211.39          | -49.43     | -40.00      | -9.43       | 1.50 H             | 253                  | 62.18            | -111.61                  |
| 4                                                    | 299.66          | -52.00     | -40.00      | -12.00      | 1.00 H             | 321                  | 55.61            | -107.61                  |
| 5                                                    | 440.31          | -59.07     | -40.00      | -19.07      | 1.00 H             | 316                  | 44.76            | -103.83                  |
| 6                                                    | 948.59          | -54.00     | -40.00      | -14.00      | 1.25 H             | 161                  | 41.06            | -95.06                   |

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



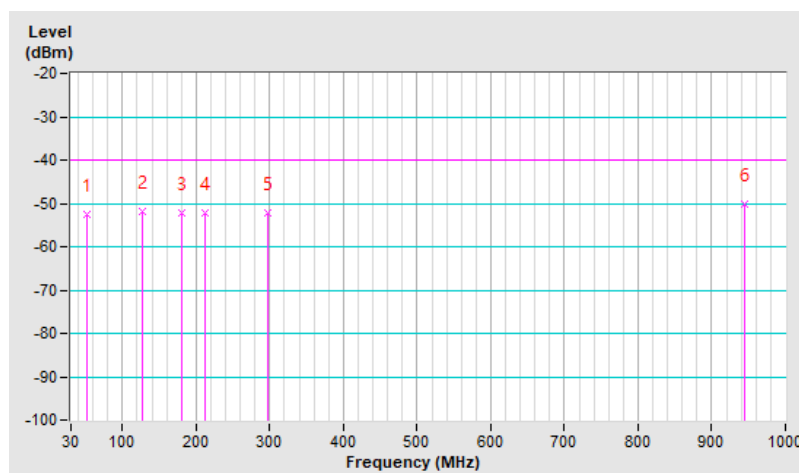


|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 462000 : 2310 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -52.48     | -40.00      | -12.48      | 1.50 V             | 18                   | 55.91            | -108.39                  |
| 2                                                  | 127.97          | -51.99     | -40.00      | -11.99      | 1.00 V             | 206                  | 57.69            | -109.68                  |
| 3                                                  | 180.35          | -52.31     | -40.00      | -12.31      | 1.00 V             | 243                  | 57.54            | -109.85                  |
| 4                                                  | 211.39          | -52.30     | -40.00      | -12.30      | 1.50 V             | 189                  | 59.31            | -111.61                  |
| 5                                                  | 296.75          | -52.04     | -40.00      | -12.04      | 1.25 V             | 190                  | 55.65            | -107.69                  |
| 6                                                  | 944.71          | -50.10     | -40.00      | -10.10      | 1.00 V             | 224                  | 45.04            | -95.14                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



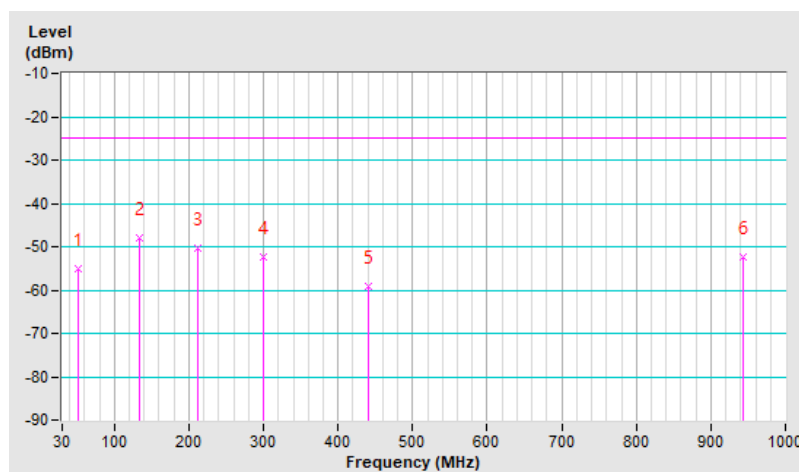
## 7.2.10NR n38 SCS 30 kHz

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 519000 : 2595 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -55.22     | -25.00      | -30.22      | 1.00 H             | 160                  | 53.17            | -108.39                  |
| 2                                                    | 132.82          | -48.06     | -25.00      | -23.06      | 1.50 H             | 259                  | 61.14            | -109.20                  |
| 3                                                    | 212.36          | -50.18     | -25.00      | -25.18      | 1.25 H             | 256                  | 61.45            | -111.63                  |
| 4                                                    | 299.66          | -52.27     | -25.00      | -27.27      | 1.00 H             | 109                  | 55.34            | -107.61                  |
| 5                                                    | 441.28          | -59.01     | -25.00      | -34.01      | 1.50 H             | 320                  | 44.79            | -103.80                  |
| 6                                                    | 943.74          | -52.50     | -25.00      | -27.50      | 1.25 H             | 144                  | 42.67            | -95.17                   |

### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

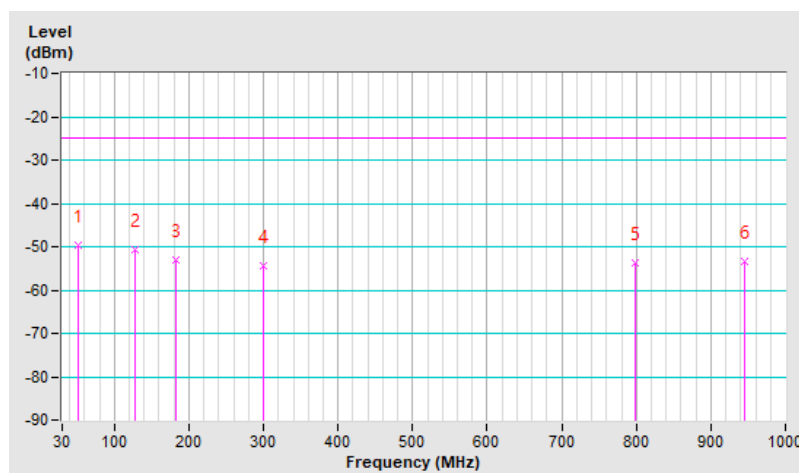


|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 519000 : 2595 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -49.81     | -25.00      | -24.81      | 1.50 V             | 338                  | 58.58            | -108.39                  |
| 2                                                  | 127.97          | -50.53     | -25.00      | -25.53      | 1.25 V             | 226                  | 59.15            | -109.68                  |
| 3                                                  | 182.29          | -53.16     | -25.00      | -28.16      | 1.00 V             | 301                  | 56.97            | -110.13                  |
| 4                                                  | 299.66          | -54.37     | -25.00      | -29.37      | 1.50 V             | 146                  | 53.24            | -107.61                  |
| 5                                                  | 798.24          | -53.56     | -25.00      | -28.56      | 1.00 V             | 210                  | 43.68            | -97.24                   |
| 6                                                  | 944.71          | -53.24     | -25.00      | -28.24      | 1.25 V             | 195                  | 41.90            | -95.14                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



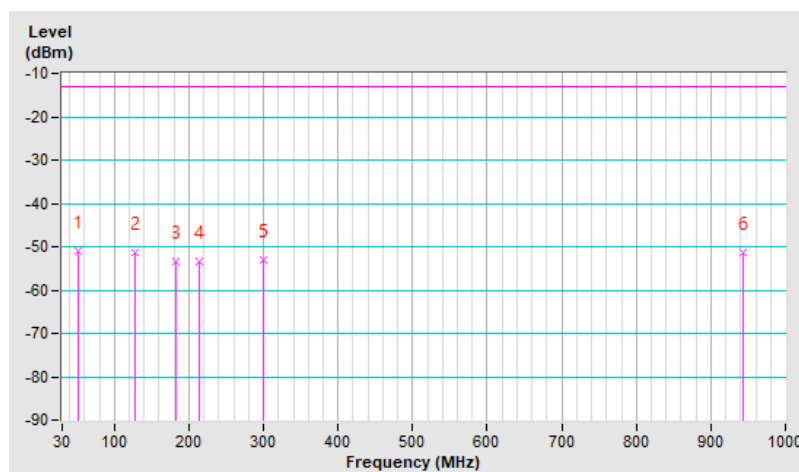
## 7.2.11NR n66 SCS 15 kHz

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 355500 : 1777.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -51.06     | -13.00      | -38.06      | 1.25 H             | 17                   | 57.28            | -108.34                  |
| 2                                                    | 127.97          | -51.31     | -13.00      | -38.31      | 1.50 H             | 245                  | 58.37            | -109.68                  |
| 3                                                    | 182.29          | -53.39     | -13.00      | -40.39      | 1.00 H             | 299                  | 56.74            | -110.13                  |
| 4                                                    | 213.33          | -53.52     | -13.00      | -40.52      | 1.25 H             | 176                  | 58.12            | -111.64                  |
| 5                                                    | 299.66          | -52.98     | -13.00      | -39.98      | 1.00 H             | 167                  | 54.63            | -107.61                  |
| 6                                                    | 943.74          | -51.29     | -13.00      | -38.29      | 1.25 H             | 72                   | 43.88            | -95.17                   |

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

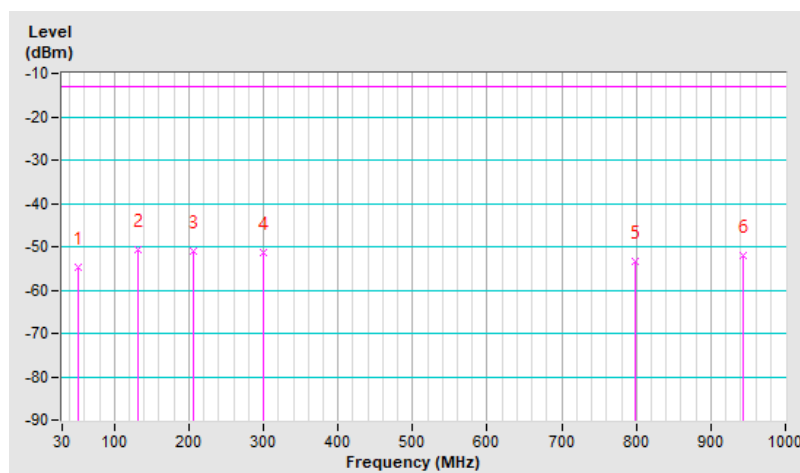


|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 355500 : 1777.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 51.34           | -54.63     | -13.00      | -41.63      | 1.25 V             | 117                  | 53.71            | -108.34                  |
| 2                                                  | 131.85          | -50.54     | -13.00      | -37.54      | 1.00 V             | 234                  | 58.86            | -109.40                  |
| 3                                                  | 206.54          | -51.05     | -13.00      | -38.05      | 1.00 V             | 253                  | 60.56            | -111.61                  |
| 4                                                  | 299.66          | -51.51     | -13.00      | -38.51      | 1.50 V             | 111                  | 56.10            | -107.61                  |
| 5                                                  | 799.21          | -53.36     | -13.00      | -40.36      | 1.00 V             | 236                  | 43.87            | -97.23                   |
| 6                                                  | 942.77          | -52.03     | -13.00      | -39.03      | 1.25 V             | 145                  | 43.16            | -95.19                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



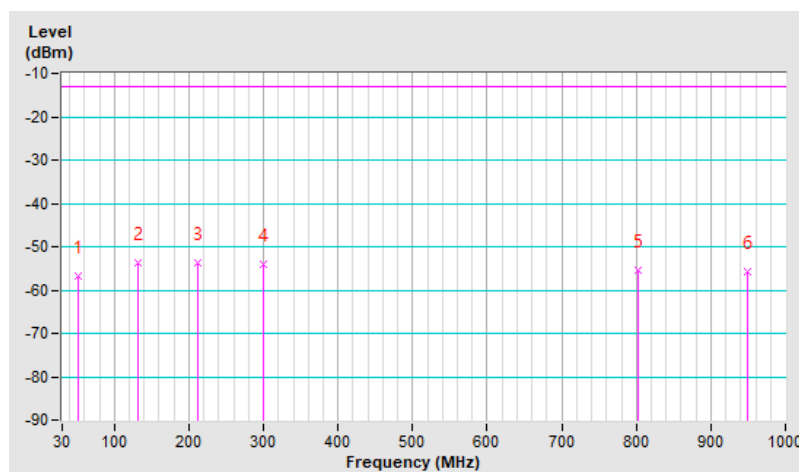
## 7.2.12NR n71 SCS 15 kHz

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 139100 : 695.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -56.85    | -13.00      | -43.85      | 1.00 H             | 137                  | 53.69            | -110.54                  |
| 2                                                    | 131.85          | -53.65    | -13.00      | -40.65      | 1.25 H             | 257                  | 57.90            | -111.55                  |
| 3                                                    | 212.36          | -53.71    | -13.00      | -40.71      | 1.50 H             | 257                  | 60.07            | -113.78                  |
| 4                                                    | 299.66          | -54.18    | -13.00      | -41.18      | 1.00 H             | 119                  | 55.58            | -109.76                  |
| 5                                                    | 802.12          | -55.45    | -13.00      | -42.45      | 1.25 H             | 241                  | 43.91            | -99.36                   |
| 6                                                    | 948.59          | -55.87    | -13.00      | -42.87      | 1.50 H             | 144                  | 41.34            | -97.21                   |

## Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

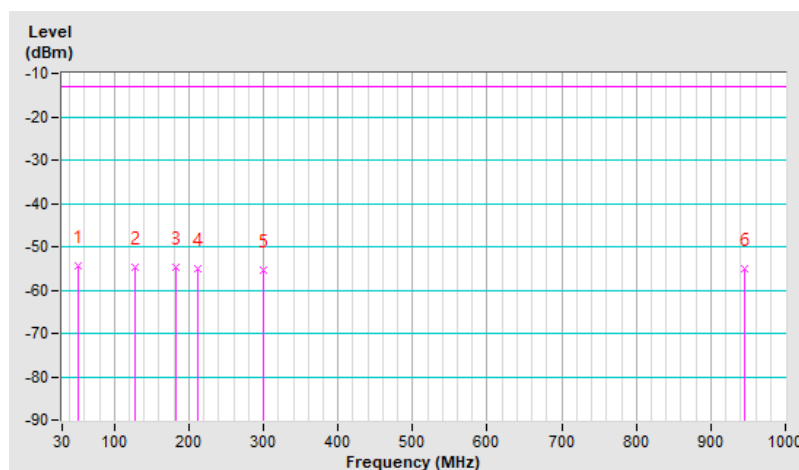


|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 139100 : 695.5 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 66 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |           |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -54.52    | -13.00      | -41.52      | 1.25 V             | 2                    | 56.02            | -110.54                  |
| 2                                                  | 127.97          | -54.71    | -13.00      | -41.71      | 1.50 V             | 243                  | 57.12            | -111.83                  |
| 3                                                  | 182.29          | -54.66    | -13.00      | -41.66      | 1.25 V             | 290                  | 57.62            | -112.28                  |
| 4                                                  | 212.36          | -55.25    | -13.00      | -42.25      | 1.00 V             | 189                  | 58.53            | -113.78                  |
| 5                                                  | 300.63          | -55.34    | -13.00      | -42.34      | 1.00 V             | 155                  | 54.40            | -109.74                  |
| 6                                                  | 944.71          | -54.98    | -13.00      | -41.98      | 1.50 V             | 200                  | 42.31            | -97.29                   |

**Remarks:**

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



## MIMO

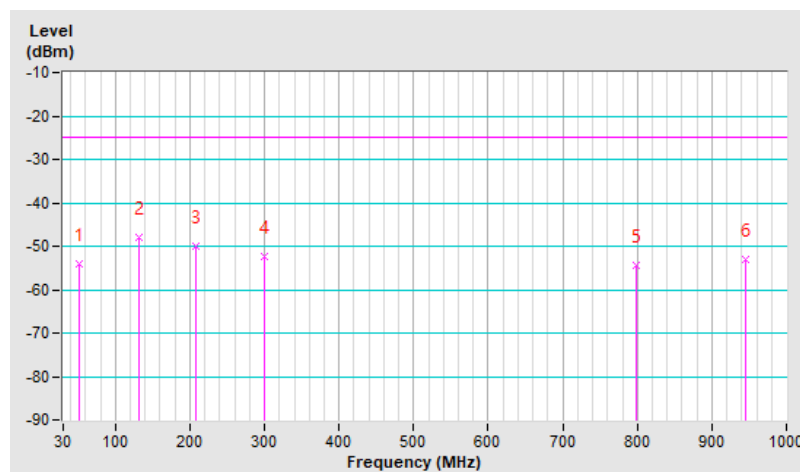
### 7.2.13NR n41 SCS 30 kHz

|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 518598 : 2592.99 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -54.22     | -25.00      | -29.22      | 1.00 H             | 114                  | 54.17            | -108.39                  |
| 2                                                    | 131.85          | -48.05     | -25.00      | -23.05      | 1.00 H             | 265                  | 61.35            | -109.40                  |
| 3                                                    | 208.48          | -50.13     | -25.00      | -25.13      | 1.50 H             | 258                  | 61.47            | -111.60                  |
| 4                                                    | 299.66          | -52.23     | -25.00      | -27.23      | 1.25 H             | 315                  | 55.38            | -107.61                  |
| 5                                                    | 799.21          | -54.45     | -25.00      | -29.45      | 1.25 H             | 234                  | 42.78            | -97.23                   |
| 6                                                    | 944.71          | -53.09     | -25.00      | -28.09      | 1.50 H             | 182                  | 42.05            | -95.14                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



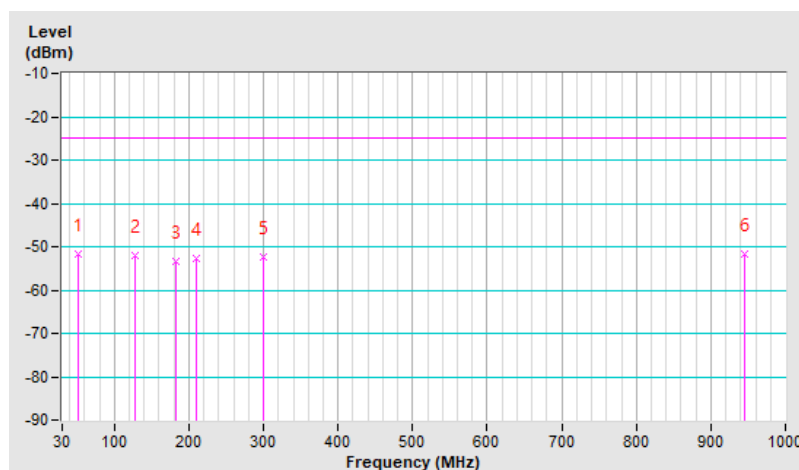


|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 518598 : 2592.99 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -51.67     | -25.00      | -26.67      | 1.25 V             | 331                  | 56.72            | -108.39                  |
| 2                                                  | 127.97          | -51.96     | -25.00      | -26.96      | 1.50 V             | 202                  | 57.72            | -109.68                  |
| 3                                                  | 182.29          | -53.31     | -25.00      | -28.31      | 1.00 V             | 255                  | 56.82            | -110.13                  |
| 4                                                  | 210.42          | -52.81     | -25.00      | -27.81      | 1.25 V             | 202                  | 58.79            | -111.60                  |
| 5                                                  | 299.66          | -52.32     | -25.00      | -27.32      | 1.00 V             | 172                  | 55.29            | -107.61                  |
| 6                                                  | 944.71          | -51.77     | -25.00      | -26.77      | 1.50 V             | 229                  | 43.37            | -95.14                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



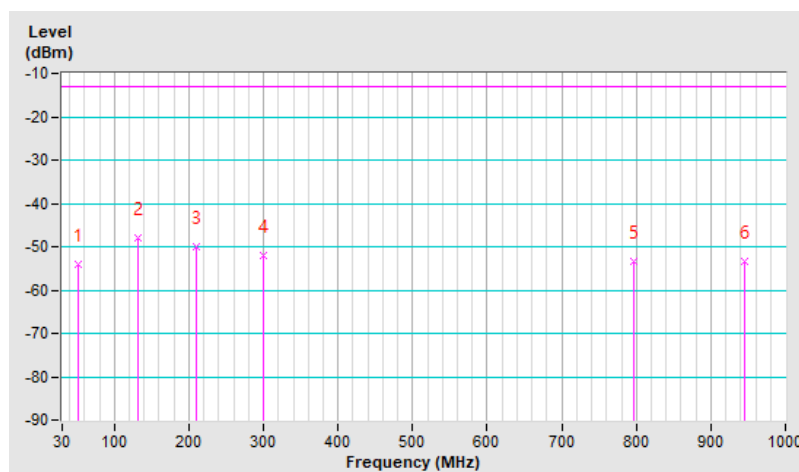
## 7.2.14NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 633334 : 3500.01 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 52.31           | -54.10     | -13.00      | -41.10      | 1.00 H             | 132                  | 54.29            | -108.39                  |
| 2                                                    | 130.88          | -48.00     | -13.00      | -35.00      | 1.00 H             | 102                  | 61.42            | -109.42                  |
| 3                                                    | 209.45          | -49.87     | -13.00      | -36.87      | 1.00 H             | 252                  | 61.72            | -111.59                  |
| 4                                                    | 299.66          | -52.11     | -13.00      | -39.11      | 1.00 H             | 118                  | 55.50            | -107.61                  |
| 5                                                    | 797.27          | -53.24     | -13.00      | -40.24      | 1.00 H             | 235                  | 44.02            | -97.26                   |
| 6                                                    | 944.71          | -53.32     | -13.00      | -40.32      | 1.00 H             | 120                  | 41.82            | -95.14                   |

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

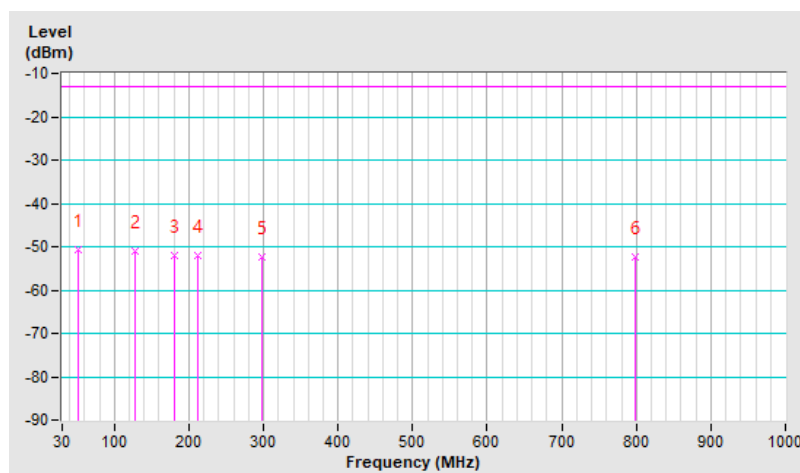


|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 633334 : 3500.01 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 52.31           | -50.69     | -13.00      | -37.69      | 1.25 V             | 15                   | 57.70            | -108.39                  |
| 2                                                  | 127.97          | -50.91     | -13.00      | -37.91      | 1.50 V             | 215                  | 58.77            | -109.68                  |
| 3                                                  | 180.35          | -52.17     | -13.00      | -39.17      | 1.25 V             | 218                  | 57.68            | -109.85                  |
| 4                                                  | 212.36          | -52.06     | -13.00      | -39.06      | 1.00 V             | 188                  | 59.57            | -111.63                  |
| 5                                                  | 297.72          | -52.50     | -13.00      | -39.50      | 1.00 V             | 183                  | 55.16            | -107.66                  |
| 6                                                  | 798.24          | -52.32     | -13.00      | -39.32      | 1.25 V             | 251                  | 44.92            | -97.24                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



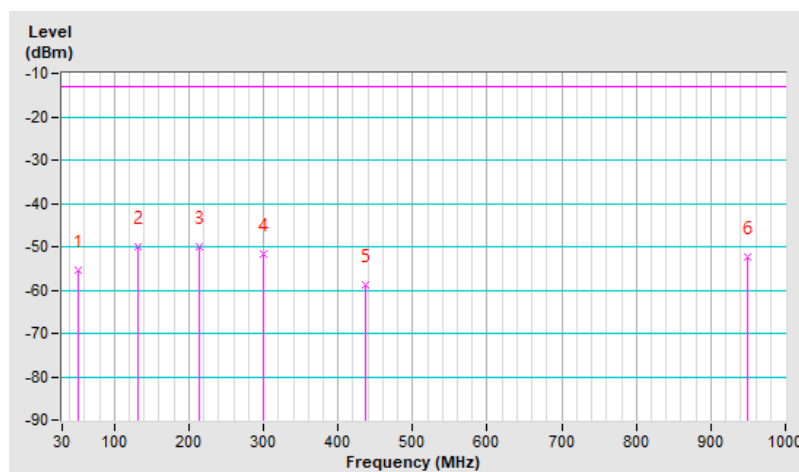
## 7.2.15NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 650000 : 3750 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 51.34           | -55.38     | -13.00      | -42.38      | 1.50 H             | 186                  | 52.96            | -108.34                  |
| 2                                                    | 130.88          | -50.10     | -13.00      | -37.10      | 1.25 H             | 248                  | 59.32            | -109.42                  |
| 3                                                    | 213.33          | -49.96     | -13.00      | -36.96      | 1.00 H             | 264                  | 61.68            | -111.64                  |
| 4                                                    | 299.66          | -51.80     | -13.00      | -38.80      | 1.00 H             | 123                  | 55.81            | -107.61                  |
| 5                                                    | 437.40          | -58.77     | -13.00      | -45.77      | 1.50 H             | 306                  | 45.16            | -103.93                  |
| 6                                                    | 948.59          | -52.50     | -13.00      | -39.50      | 1.25 H             | 152                  | 42.56            | -95.06                   |

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

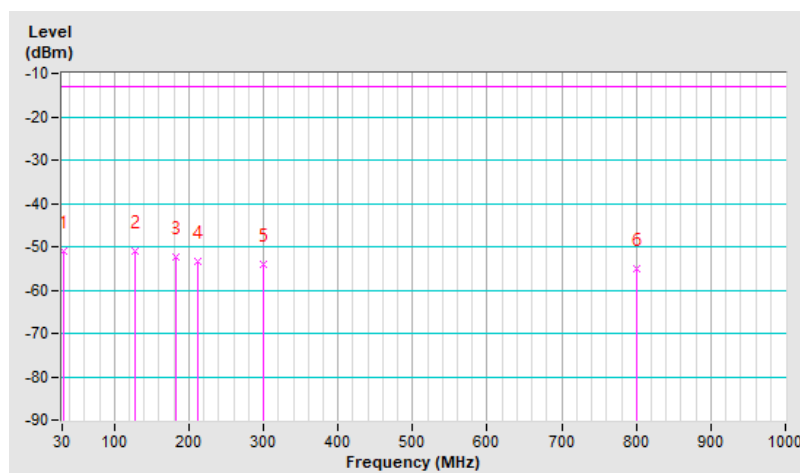


|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 650000 : 3750 MHz |
| <b>Frequency Range</b> | 30 MHz ~ 1 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 66 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 31.94           | -50.94     | -13.00      | -37.94      | 1.00 V             | 273                  | 58.60            | -109.54                  |
| 2                                                  | 127.97          | -51.10     | -13.00      | -38.10      | 1.25 V             | 218                  | 58.58            | -109.68                  |
| 3                                                  | 182.29          | -52.28     | -13.00      | -39.28      | 1.00 V             | 282                  | 57.85            | -110.13                  |
| 4                                                  | 211.39          | -53.30     | -13.00      | -40.30      | 1.50 V             | 188                  | 58.31            | -111.61                  |
| 5                                                  | 299.66          | -53.90     | -13.00      | -40.90      | 1.00 V             | 147                  | 53.71            | -107.61                  |
| 6                                                  | 801.15          | -55.23     | -13.00      | -42.23      | 1.25 V             | 353                  | 41.99            | -97.22                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



### 7.3 Radiated Spurious Emissions above 1GHz

#### SISO

##### 7.3.1 NR n2 SCS 15 kHz

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 370500 : 1852.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3705.00         | -47.59     | -13.00      | -34.59      | 3.09 H             | 123                  | 47.89            | -95.48                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3705.00         | -46.66     | -13.00      | -33.66      | 2.55 V             | 165                  | 48.82            | -95.48                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                  |                                          |                      |
|------------------------|----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 376000 : 1880 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                         |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3760.00         | -47.22     | -13.00      | -34.22      | 3.12 H             | 117                  | 47.85            | -95.07                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3760.00         | -46.16     | -13.00      | -33.16      | 2.48 V             | 167                  | 48.91            | -95.07                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 381500 : 1907.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3815.00         | -46.91     | -13.00      | -33.91      | 3.14 H             | 124                  | 47.92            | -94.83                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3815.00         | -45.82     | -13.00      | -32.82      | 2.53 V             | 164                  | 49.01            | -94.83                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 372000 : 1860 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3720.00         | -47.34     | -13.00      | -34.34      | 3.11 H             | 115                  | 48.01            | -95.35                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3720.00         | -46.42     | -13.00      | -33.42      | 2.51 V             | 169                  | 48.93            | -95.35                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 376000 : 1880 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3760.00         | -46.99     | -13.00      | -33.99      | 3.07 H             | 118                  | 48.08            | -95.07                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3760.00         | -45.96     | -13.00      | -32.96      | 2.48 V             | 166                  | 49.11            | -95.07                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n2<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 380000 : 1900 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3800.00         | -47.16     | -13.00      | -34.16      | 3.12 H             | 123                  | 47.75            | -94.91                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3800.00         | -45.88     | -13.00      | -32.88      | 2.49 V             | 164                  | 49.03            | -94.91                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

### 7.3.2 NR n5 SCS 15 kHz

|                        |                                  |                                          |                       |
|------------------------|----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 165300 : 826.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                         |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1653.00         | -57.15    | -13.00      | -44.15      | 1.27 H             | 56                   | 47.02            | -104.17                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1653.00         | -57.70    | -13.00      | -44.70      | 1.65 V             | 104                  | 46.47            | -104.17                  |

#### Remarks:

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

|                        |                                  |                                          |                       |
|------------------------|----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                         |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -56.85    | -13.00      | -43.85      | 1.31 H             | 62                   | 47.23            | -104.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -57.43    | -13.00      | -44.43      | 1.62 V             | 102                  | 46.65            | -104.08                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                  |                                          |                       |
|------------------------|----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 169300 : 846.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                         |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1693.00         | -56.85    | -13.00      | -43.85      | 1.21 H             | 57                   | 47.12            | -103.97                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1693.00         | -57.31    | -13.00      | -44.31      | 1.67 V             | 106                  | 46.66            | -103.97                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                     |
|------------------------|-----------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 166800 : 834 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                          |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1668.00         | -56.84    | -13.00      | -43.84      | 1.22 H             | 62                   | 47.26            | -104.10                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1668.00         | -57.42    | -13.00      | -44.42      | 1.63 V             | 104                  | 46.68            | -104.10                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -56.80    | -13.00      | -43.80      | 1.30 H             | 54                   | 47.28            | -104.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -57.37    | -13.00      | -44.37      | 1.68 V             | 101                  | 46.71            | -104.08                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



|                        |                                   |                                          |                     |
|------------------------|-----------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n5<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 167800 : 839 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                          |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1678.00         | -56.84    | -13.00      | -43.84      | 1.24 H             | 60                   | 47.21            | -104.05                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1678.00         | -57.49    | -13.00      | -44.49      | 1.62 V             | 102                  | 46.56            | -104.05                  |

**Remarks:**

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

### 7.3.3 NR n7 SCS 15 kHz

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 500500 : 2502.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5005.00         | -44.81     | -25.00      | -19.81      | 2.45 H             | 124                  | 48.02            | -92.83                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5005.00         | -44.29     | -25.00      | -19.29      | 1.93 V             | 166                  | 48.54            | -92.83                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                  |                                          |                      |
|------------------------|----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 507000 : 2535 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                         |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -44.85     | -25.00      | -19.85      | 2.43 H             | 125                  | 47.94            | -92.79                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -44.16     | -25.00      | -19.16      | 1.88 V             | 162                  | 48.63            | -92.79                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                  |                                          |                        |
|------------------------|----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 513500 : 2567.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                   | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                   | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                         |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5135.00         | -44.42     | -25.00      | -19.42      | 2.47 H             | 121                  | 48.06            | -92.48                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5135.00         | -43.83     | -25.00      | -18.83      | 1.91 V             | 163                  | 48.65            | -92.48                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 502000 : 2510 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5020.00         | -45.00     | -25.00      | -20.00      | 2.45 H             | 124                  | 47.85            | -92.85                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5020.00         | -44.75     | -25.00      | -19.75      | 1.93 V             | 165                  | 48.10            | -92.85                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 507000 : 2535 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -45.05     | -25.00      | -20.05      | 2.44 H             | 125                  | 47.74            | -92.79                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -44.44     | -25.00      | -19.44      | 2.00 V             | 165                  | 48.35            | -92.79                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 512000 : 2560 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5120.00         | -45.22     | -25.00      | -20.22      | 2.44 H             | 124                  | 47.34            | -92.56                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5120.00         | -44.37     | -25.00      | -19.37      | 1.97 V             | 165                  | 48.19            | -92.56                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 504000 : 2520 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5040.00         | -45.12     | -25.00      | -20.12      | 2.49 H             | 132                  | 47.73            | -92.85                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5040.00         | -44.32     | -25.00      | -19.32      | 1.92 V             | 163                  | 48.53            | -92.85                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 507000 : 2535 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -45.02     | -25.00      | -20.02      | 2.43 H             | 132                  | 47.77            | -92.79                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5070.00         | -44.06     | -25.00      | -19.06      | 1.99 V             | 167                  | 48.73            | -92.79                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n7<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 510000 : 2550 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5100.00         | -45.09     | -25.00      | -20.09      | 2.46 H             | 125                  | 47.58            | -92.67                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5100.00         | -44.19     | -25.00      | -19.19      | 1.94 V             | 168                  | 48.48            | -92.67                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

### 7.3.4 NR n12 SCS 15 kHz

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 140300 : 701.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1403.00         | -57.82    | -13.00      | -44.82      | 1.04 H             | 130                  | 46.49            | -104.31                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1403.00         | -56.67    | -13.00      | -43.67      | 1.19 V             | 56                   | 47.64            | -104.31                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 141500 : 707.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1415.00         | -57.94    | -13.00      | -44.94      | 1.05 H             | 128                  | 46.32            | -104.26                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1415.00         | -56.51    | -13.00      | -43.51      | 1.22 V             | 52                   | 47.75            | -104.26                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 142700 : 713.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1427.00         | -57.90    | -13.00      | -44.90      | 1.00 H             | 124                  | 46.31            | -104.21                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1427.00         | -56.34    | -13.00      | -43.34      | 1.17 V             | 51                   | 47.87            | -104.21                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 15MHz | <b>Channel</b>                           | CH 141300 : 706.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1413.00         | -57.74    | -13.00      | -44.74      | 1.01 H             | 132                  | 46.52            | -104.26                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1413.00         | -56.39    | -13.00      | -43.39      | 1.15 V             | 57                   | 47.87            | -104.26                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 15MHz | <b>Channel</b>                           | CH 141500 : 707.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1415.00         | -57.68    | -13.00      | -44.68      | 1.03 H             | 137                  | 46.58            | -104.26                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1415.00         | -56.34    | -13.00      | -43.34      | 1.18 V             | 54                   | 47.92            | -104.26                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n12<br>Channel Bandwidth: 15MHz | <b>Channel</b>                           | CH 141700 : 708.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1417.00         | -57.76    | -13.00      | -44.76      | 1.02 H             | 133                  | 46.49            | -104.25                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1417.00         | -56.42    | -13.00      | -43.42      | 1.16 V             | 53                   | 47.83            | -104.25                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



### 7.3.5 NR n14 SCS 15 kHz

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 158100 : 790.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1581.00         | -55.55     | -40.00      | -15.55      | 1.45 H             | 106                  | 46.52            | -102.07                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1581.00         | -54.41     | -40.00      | -14.41      | 1.18 V             | 61                   | 47.66            | -102.07                  |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                     |
|------------------------|-----------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 158600 : 793 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                          |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1586.00         | -55.52     | -40.00      | -15.52      | 1.51 H             | 107                  | 46.56            | -102.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1586.00         | -54.26     | -40.00      | -14.26      | 1.14 V             | 63                   | 47.82            | -102.08                  |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 159100 : 795.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1591.00         | -55.63     | -40.00      | -15.63      | 1.42 H             | 109                  | 46.46            | -102.09                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1591.00         | -54.28     | -40.00      | -14.28      | 1.12 V             | 67                   | 47.81            | -102.09                  |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n14<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 158600 : 793 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1586.00         | -55.46     | -40.00      | -15.46      | 1.43 H             | 109                  | 46.62            | -102.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1586.00         | -54.21     | -40.00      | -14.21      | 1.17 V             | 66                   | 47.87            | -102.08                  |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

### 7.3.6 NR n25 SCS 15 kHz

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 370500 : 1852.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3705.00         | -47.94     | -13.00      | -34.94      | 3.04 H             | 129                  | 47.54            | -95.48                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3705.00         | -46.65     | -13.00      | -33.65      | 2.46 V             | 168                  | 48.83            | -95.48                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 376500 : 1882.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -47.31     | -13.00      | -34.31      | 3.03 H             | 126                  | 47.74            | -95.05                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -46.10     | -13.00      | -33.10      | 2.47 V             | 167                  | 48.95            | -95.05                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 382500 : 1912.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3825.00         | -47.10     | -13.00      | -34.10      | 3.00 H             | 123                  | 47.69            | -94.79                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3825.00         | -45.88     | -13.00      | -32.88      | 2.41 V             | 166                  | 48.91            | -94.79                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 372000 : 1860 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3720.00         | -47.79     | -13.00      | -34.79      | 3.00 H             | 128                  | 47.56            | -95.35                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3720.00         | -46.59     | -13.00      | -33.59      | 2.52 V             | 166                  | 48.76            | -95.35                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                    |                                          |                        |
|------------------------|------------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 376500 : 1882.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                           |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -47.28     | -13.00      | -34.28      | 2.99 H             | 124                  | 47.77            | -95.05                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -46.08     | -13.00      | -33.08      | 2.52 V             | 170                  | 48.97            | -95.05                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 381000 : 1905 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3810.00         | -47.40     | -13.00      | -34.40      | 3.00 H             | 125                  | 47.47            | -94.87                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3810.00         | -46.01     | -13.00      | -33.01      | 2.52 V             | 165                  | 48.86            | -94.87                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 374000 : 1870 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3740.00         | -47.63     | -13.00      | -34.63      | 3.02 H             | 128                  | 47.57            | -95.20                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3740.00         | -46.45     | -13.00      | -33.45      | 2.51 V             | 165                  | 48.75            | -95.20                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                        |
|------------------------|------------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 376500 : 1882.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                           |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -47.23     | -13.00      | -34.23      | 2.95 H             | 131                  | 47.82            | -95.05                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3765.00         | -46.00     | -13.00      | -33.00      | 2.46 V             | 171                  | 49.05            | -95.05                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n25<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 379000 : 1895 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 20 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3790.00         | -47.37     | -13.00      | -34.37      | 2.97 H             | 126                  | 47.57            | -94.94                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3790.00         | -45.96     | -13.00      | -32.96      | 2.51 V             | 166                  | 48.98            | -94.94                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

### 7.3.7 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 163300 : 816.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1633.00         | -56.75    | -13.00      | -43.75      | 1.22 H             | 164                  | 47.46            | -104.21                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1633.00         | -55.79    | -13.00      | -42.79      | 1.65 V             | 122                  | 48.42            | -104.21                  |

#### Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                     |
|------------------------|-----------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 163800 : 819 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                          |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1638.00         | -56.86    | -13.00      | -43.86      | 1.19 H             | 166                  | 47.34            | -104.20                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1638.00         | -55.63    | -13.00      | -42.63      | 1.59 V             | 127                  | 48.57            | -104.20                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 164300 : 821.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1643.00         | -56.79    | -13.00      | -43.79      | 1.24 H             | 163                  | 47.41            | -104.20                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1643.00         | -55.67    | -13.00      | -42.67      | 1.66 V             | 129                  | 48.53            | -104.20                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 164800 : 824 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1648.00         | -56.67    | -13.00      | -43.67      | 1.20 H             | 165                  | 47.52            | -104.19                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1638.00         | -55.56    | -13.00      | -42.56      | 1.65 V             | 126                  | 48.64            | -104.20                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

## 7.3.8 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 165300 : 826.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1653.00         | -56.98    | -13.00      | -43.98      | 1.12 H             | 167                  | 47.19            | -104.17                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1653.00         | -55.55    | -13.00      | -42.55      | 1.71 V             | 142                  | 48.62            | -104.17                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -56.60    | -13.00      | -43.60      | 1.13 H             | 167                  | 47.48            | -104.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -55.62    | -13.00      | -42.62      | 1.75 V             | 135                  | 48.46            | -104.08                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 169300 : 846.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1693.00         | -56.55    | -13.00      | -43.55      | 1.11 H             | 164                  | 47.42            | -103.97                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1693.00         | -55.36    | -13.00      | -42.36      | 1.76 V             | 141                  | 48.61            | -103.97                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n26<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 167300 : 836.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -56.57    | -13.00      | -43.57      | 1.15 H             | 162                  | 47.51            | -104.08                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1673.00         | -55.41    | -13.00      | -42.41      | 1.72 V             | 134                  | 48.67            | -104.08                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

## 7.3.9 NR n30 SCS 15 kHz

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 461500 : 2307.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 25 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4615.00         | -47.26     | -40.00      | -7.26       | 2.94 H             | 138                  | 46.24            | -93.50                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4615.00         | -45.92     | -40.00      | -5.92       | 2.35 V             | 144                  | 47.58            | -93.50                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 462000 : 2310 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 25 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4620.00         | -47.02     | -40.00      | -7.02       | 2.96 H             | 135                  | 46.48            | -93.50                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4620.00         | -45.92     | -40.00      | -5.92       | 2.32 V             | 141                  | 47.58            | -93.50                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 462500 : 2312.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 25 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4625.00         | -47.18     | -40.00      | -7.18       | 2.91 H             | 137                  | 46.33            | -93.51                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4625.00         | -45.80     | -40.00      | -5.80       | 2.39 V             | 148                  | 47.71            | -93.51                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n30<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 462000 : 2310 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 25 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4620.00         | -46.98     | -40.00      | -6.98       | 2.97 H             | 139                  | 46.52            | -93.50                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 4620.00         | -45.68     | -40.00      | -5.68       | 2.33 V             | 158                  | 47.82            | -93.50                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.10NR n38 SCS 30 kHz

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 515000 : 2575 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | -44.58     | -25.00      | -19.58      | 2.58 H             | 110                  | 47.82            | -92.40                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | -43.89     | -25.00      | -18.89      | 2.01 V             | 157                  | 48.51            | -92.40                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 519000 : 2595 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -44.41     | -25.00      | -19.41      | 2.56 H             | 107                  | 48.02            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -43.89     | -25.00      | -18.89      | 2.10 V             | 163                  | 48.54            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 523000 : 2615 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5230.00         | -44.65     | -25.00      | -19.65      | 2.62 H             | 112                  | 47.87            | -92.52                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5230.00         | -43.95     | -25.00      | -18.95      | 2.07 V             | 161                  | 48.57            | -92.52                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 516000 : 2580 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5160.00         | -44.63     | -25.00      | -19.63      | 2.62 H             | 115                  | 47.78            | -92.41                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5160.00         | -44.05     | -25.00      | -19.05      | 2.02 V             | 161                  | 48.36            | -92.41                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 519000 : 2595 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -44.46     | -25.00      | -19.46      | 2.60 H             | 100                  | 47.97            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -43.95     | -25.00      | -18.95      | 2.02 V             | 165                  | 48.48            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 522000 : 2610 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5220.00         | -44.60     | -25.00      | -19.60      | 2.60 H             | 110                  | 47.89            | -92.49                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5220.00         | -43.93     | -25.00      | -18.93      | 2.05 V             | 164                  | 48.56            | -92.49                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 518000 : 2590 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5180.00         | -44.55     | -25.00      | -19.55      | 2.62 H             | 114                  | 47.87            | -92.42                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5180.00         | -43.96     | -25.00      | -18.96      | 2.02 V             | 158                  | 48.46            | -92.42                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 519000 : 2595 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -44.32     | -25.00      | -19.32      | 2.61 H             | 108                  | 48.11            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5190.00         | -43.76     | -25.00      | -18.76      | 2.00 V             | 164                  | 48.67            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n38<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 520000 : 2600 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5200.00         | -44.56     | -25.00      | -19.56      | 2.60 H             | 113                  | 47.87            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5200.00         | -43.79     | -25.00      | -18.79      | 2.05 V             | 159                  | 48.64            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.11NR n66 SCS 15 kHz

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 342500 : 1712.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3425.00         | -49.13     | -13.00      | -36.13      | 3.34 H             | 64                   | 47.51            | -96.64                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3425.00         | -50.22     | -13.00      | -37.22      | 2.72 V             | 109                  | 46.42            | -96.64                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                      |
|------------------------|-----------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 349000 : 1745 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                          |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -49.14     | -13.00      | -36.14      | 3.32 H             | 61                   | 47.48            | -96.62                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -50.18     | -13.00      | -37.18      | 2.67 V             | 106                  | 46.44            | -96.62                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                   |                                          |                        |
|------------------------|-----------------------------------|------------------------------------------|------------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 355500 : 1777.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH         |
| <b>Tested By</b>       | Greg Lin                          |                                          |                        |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3555.00         | -48.98     | -13.00      | -35.98      | 3.29 H             | 62                   | 47.44            | -96.42                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3555.00         | -50.14     | -13.00      | -37.14      | 2.71 V             | 104                  | 46.28            | -96.42                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 344000 : 1720 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3440.00         | -49.13     | -13.00      | -36.13      | 3.30 H             | 66                   | 47.48            | -96.61                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3440.00         | -50.20     | -13.00      | -37.20      | 2.71 V             | 106                  | 46.41            | -96.61                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 349000 : 1745 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -49.14     | -13.00      | -36.14      | 3.34 H             | 63                   | 47.48            | -96.62                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -50.19     | -13.00      | -37.19      | 2.73 V             | 102                  | 46.43            | -96.62                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 354000 : 1770 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3540.00         | -48.98     | -13.00      | -35.98      | 3.31 H             | 68                   | 47.49            | -96.47                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3540.00         | -50.06     | -13.00      | -37.06      | 2.77 V             | 105                  | 46.41            | -96.47                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 346000 : 1730 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3460.00         | -49.16     | -13.00      | -36.16      | 3.30 H             | 63                   | 47.45            | -96.61                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3460.00         | -50.18     | -13.00      | -37.18      | 2.74 V             | 103                  | 46.43            | -96.61                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 349000 : 1745 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -49.01     | -13.00      | -36.01      | 3.25 H             | 67                   | 47.61            | -96.62                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3490.00         | -50.15     | -13.00      | -37.15      | 2.72 V             | 107                  | 46.47            | -96.62                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n66<br>Channel Bandwidth: 40MHz | <b>Channel</b>                           | CH 352000 : 1760 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3520.00         | -49.11     | -13.00      | -36.11      | 3.27 H             | 66                   | 47.44            | -96.55                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 3520.00         | -50.27     | -13.00      | -37.27      | 2.68 V             | 112                  | 46.28            | -96.55                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.12NR n71 SCS 15 kHz

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 133100 : 665.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1331.00         | -58.79    | -13.00      | -45.79      | 2.54 H             | 299                  | 45.68            | -104.47                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1331.00         | -59.44    | -13.00      | -46.44      | 2.45 V             | 162                  | 45.03            | -104.47                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 136100 : 680.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1361.00         | -58.65    | -13.00      | -45.65      | 2.48 H             | 304                  | 45.81            | -104.46                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1361.00         | -59.34    | -13.00      | -46.34      | 2.47 V             | 169                  | 45.12            | -104.46                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                   |                                          |                       |
|------------------------|-----------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 5MHz | <b>Channel</b>                           | CH 139100 : 695.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                    | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                    | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                          |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1391.00         | -58.52    | -13.00      | -45.52      | 2.47 H             | 301                  | 45.84            | -104.36                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1391.00         | -59.30    | -13.00      | -46.30      | 2.45 V             | 166                  | 45.06            | -104.36                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 134600 : 673 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1346.00         | -58.66    | -13.00      | -45.66      | 2.52 H             | 298                  | 45.83            | -104.49                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1346.00         | -59.37    | -13.00      | -46.37      | 2.43 V             | 172                  | 45.12            | -104.49                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

|                        |                                    |                                          |                       |
|------------------------|------------------------------------|------------------------------------------|-----------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 136100 : 680.5 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)     |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH        |
| <b>Tested By</b>       | Greg Lin                           |                                          |                       |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1361.00         | -58.54    | -13.00      | -45.54      | 2.49 H             | 296                  | 45.92            | -104.46                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1361.00         | -59.22    | -13.00      | -46.22      | 2.50 V             | 161                  | 45.24            | -104.46                  |

**Remarks:**

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)  
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



|                        |                                    |                                          |                     |
|------------------------|------------------------------------|------------------------------------------|---------------------|
| <b>RF Mode</b>         | NR n71<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 137600 : 688 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 18 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)   |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH      |
| <b>Tested By</b>       | Greg Lin                           |                                          |                     |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |           |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1376.00         | -58.59    | -13.00      | -45.59      | 2.44 H             | 307                  | 45.81            | -104.40                  |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |           |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1376.00         | -59.27    | -13.00      | -46.27      | 2.53 V             | 169                  | 45.13            | -104.40                  |

**Remarks:**

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

## MIMO

### 7.3.13NR n41 SCS 30 kHz

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 501204 : 2506.02 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5012.04         | -45.33     | -25.00      | -20.33      | 2.09 H             | 134                  | 47.52            | -92.85                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5012.04         | -46.07     | -25.00      | -21.07      | 2.58 V             | 101                  | 46.78            | -92.85                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 518598 : 2592.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -44.82     | -25.00      | -19.82      | 2.14 H             | 139                  | 47.61            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -45.60     | -25.00      | -20.60      | 2.51 V             | 96                   | 46.83            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 20MHz | <b>Channel</b>                           | CH 535998 : 2679.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5359.98         | -44.98     | -25.00      | -19.98      | 2.16 H             | 145                  | 47.66            | -92.64                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5359.98         | -45.83     | -25.00      | -20.83      | 2.56 V             | 101                  | 46.81            | -92.64                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 504204 : 2521.02 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5042.04         | -45.38     | -25.00      | -20.38      | 2.08 H             | 135                  | 47.48            | -92.86                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5042.04         | -46.24     | -25.00      | -21.24      | 2.54 V             | 96                   | 46.62            | -92.86                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 518598 : 2592.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -44.75     | -25.00      | -19.75      | 2.11 H             | 136                  | 47.68            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -45.56     | -25.00      | -20.56      | 2.52 V             | 99                   | 46.87            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 532998 : 2664.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5329.98         | -45.19     | -25.00      | -20.19      | 2.14 H             | 137                  | 47.48            | -92.67                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5329.98         | -45.88     | -25.00      | -20.88      | 2.51 V             | 97                   | 46.79            | -92.67                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 509202 : 2546.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5092.02         | -45.06     | -25.00      | -20.06      | 2.17 H             | 135                  | 47.64            | -92.70                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5092.02         | -45.87     | -25.00      | -20.87      | 2.57 V             | 100                  | 46.83            | -92.70                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 518598 : 2592.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -44.69     | -25.00      | -19.69      | 2.08 H             | 132                  | 47.74            | -92.43                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5185.98         | -45.51     | -25.00      | -20.51      | 2.55 V             | 97                   | 46.92            | -92.43                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n41<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 528000 : 2640 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 27 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5280.00         | -45.06     | -25.00      | -20.06      | 2.19 H             | 141                  | 47.59            | -92.65                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5280.00         | -45.83     | -25.00      | -20.83      | 2.54 V             | 93                   | 46.82            | -92.65                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.14NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 630334 : 3455.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 6910.02         | -40.31     | -13.00      | -27.31      | 2.28 H             | 239                  | 46.87            | -87.18                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 6910.02         | -41.17     | -13.00      | -28.17      | 3.12 V             | 138                  | 46.01            | -87.18                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 633334 : 3500.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -40.28     | -13.00      | -27.28      | 2.29 H             | 246                  | 46.88            | -87.16                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -41.12     | -13.00      | -28.12      | 3.13 V             | 134                  | 46.04            | -87.16                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 636332 : 3544.98 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7089.96         | -40.30     | -13.00      | -27.30      | 2.23 H             | 240                  | 46.57            | -86.87                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7089.96         | -41.14     | -13.00      | -28.14      | 3.14 V             | 132                  | 45.73            | -86.87                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 631668 : 3475.02 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 6950.04         | -40.31     | -13.00      | -27.31      | 2.22 H             | 245                  | 46.72            | -87.03                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 6950.04         | -41.15     | -13.00      | -28.15      | 3.11 V             | 135                  | 45.88            | -87.03                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 633334 : 3500.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -40.25     | -13.00      | -27.25      | 2.26 H             | 242                  | 46.91            | -87.16                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -41.12     | -13.00      | -28.12      | 3.14 V             | 131                  | 46.04            | -87.16                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 635000 : 3525 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7050.00         | -40.33     | -13.00      | -27.33      | 2.29 H             | 240                  | 46.74            | -87.07                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7050.00         | -41.20     | -13.00      | -28.20      | 3.13 V             | 130                  | 45.87            | -87.07                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                     |                                          |                         |
|------------------------|-------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 633334 : 3500.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                            |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -40.22     | -13.00      | -27.22      | 2.29 H             | 238                  | 46.94            | -87.16                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7000.02         | -41.09     | -13.00      | -28.09      | 3.11 V             | 129                  | 46.07            | -87.16                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.15NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 647000 : 3705 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7410.00         | -40.04     | -13.00      | -27.04      | 2.35 H             | 254                  | 46.64            | -86.68                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7410.00         | -41.16     | -13.00      | -28.16      | 3.11 V             | 132                  | 45.52            | -86.68                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 656000 : 3840 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -40.60     | -13.00      | -27.60      | 2.40 H             | 253                  | 46.55            | -87.15                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -41.61     | -13.00      | -28.61      | 3.07 V             | 131                  | 45.54            | -87.15                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 10MHz | <b>Channel</b>                           | CH 665000 : 3975 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7950.00         | -40.42     | -13.00      | -27.42      | 2.42 H             | 251                  | 46.39            | -86.81                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7950.00         | -41.37     | -13.00      | -28.37      | 3.04 V             | 127                  | 45.44            | -86.81                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 648334 : 3725.01 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7450.02         | -40.02     | -13.00      | -27.02      | 2.35 H             | 252                  | 46.49            | -86.51                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7450.02         | -40.93     | -13.00      | -27.93      | 3.09 V             | 129                  | 45.58            | -86.51                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                      |
|------------------------|------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 656000 : 3840 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                           |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -40.46     | -13.00      | -27.46      | 2.41 H             | 255                  | 46.69            | -87.15                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -41.47     | -13.00      | -28.47      | 3.13 V             | 125                  | 45.68            | -87.15                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                    |                                          |                         |
|------------------------|------------------------------------|------------------------------------------|-------------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 50MHz | <b>Channel</b>                           | CH 663666 : 3954.99 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                     | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)       |
| <b>Input Power</b>     | 120 Vac, 60 Hz                     | <b>Environmental Conditions</b>          | 21 °C, 69 % RH          |
| <b>Tested By</b>       | Greg Lin                           |                                          |                         |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7909.98         | -40.11     | -13.00      | -27.11      | 2.43 H             | 251                  | 46.45            | -86.56                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7909.98         | -41.03     | -13.00      | -28.03      | 3.05 V             | 133                  | 45.53            | -86.56                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 650000 : 3750 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7500.00         | -39.73     | -13.00      | -26.73      | 2.47 H             | 258                  | 46.67            | -86.40                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7500.00         | -40.76     | -13.00      | -27.76      | 3.17 V             | 129                  | 45.64            | -86.40                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 656000 : 3840 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -40.42     | -13.00      | -27.42      | 2.45 H             | 253                  | 46.73            | -87.15                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7680.00         | -41.44     | -13.00      | -28.44      | 3.12 V             | 122                  | 45.71            | -87.15                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

|                        |                                     |                                          |                      |
|------------------------|-------------------------------------|------------------------------------------|----------------------|
| <b>RF Mode</b>         | NR n77<br>Channel Bandwidth: 100MHz | <b>Channel</b>                           | CH 662000 : 3930 MHz |
| <b>Frequency Range</b> | 1 GHz ~ 40 GHz                      | <b>Detector Function &amp; Bandwidth</b> | 1 MHz/3 MHz (RMS)    |
| <b>Input Power</b>     | 120 Vac, 60 Hz                      | <b>Environmental Conditions</b>          | 21 °C, 69 % RH       |
| <b>Tested By</b>       | Greg Lin                            |                                          |                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |            |             |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7860.00         | -40.18     | -13.00      | -27.18      | 2.38 H             | 256                  | 46.63            | -86.81                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 7860.00         | -41.17     | -13.00      | -28.17      | 3.09 V             | 128                  | 45.64            | -86.81                   |

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

## 9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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