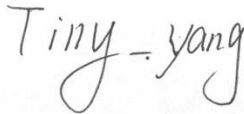



# FCC RF Test Report

For

Mikrotiks SIA

|                             |   |
|-----------------------------|---|
| <b>Test Standards:</b>      | <u>FCC 47 CFR Part 2, 22(H), 24(E), 27</u>  |
| <b>Product Description:</b> | LTE Mini PCIe card R11e-LTE6  |
| <b>Brand Name:</b>          | Mikrotik  |
| <b>Model Name:</b>          | R11e-LTE6   |
| <b>Additional Model:</b>    | N/A   |
| <b>FCC ID:</b>              | TV7R11ELTE6   |
| <b>Classification</b>       | PCS Licensed Transmitter (PCB)  |
| <b>Report No.:</b>          | <u>EC1812017F02</u>   |
| <b>Tested Date:</b>         | <u>2018-12-20 to 2019-03-04</u>   |
| <b>Issued Date:</b>         | <u>2019-03-04</u>   |
| <b>Prepared By:</b>         | <br>_____<br>Tiny yang/ Engineer   |
| <b>Approved By:</b>         | <br>_____<br>Bacon Wu / RF Manager |

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Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Hunan Ecloud Testing Technology Co., Ltd., the test report shall not be reproduced except in full.

## Report Revise Record

| Report Version | Revise Time | Issued Date | Valid Version | Notes           |
|----------------|-------------|-------------|---------------|-----------------|
| V1.0           | /           | 2019.03.04  | Valid         | Original Report |

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## Summary Of Test Result

| Report Section | FCC Rule  | Description  | Limit                  | Result | Remark |
|----------------|---|--|------------------------|--------|--------|
| 4.2            | §2.1046   | Conducted Output Power   | Reporting Only         | PASS   | -      |
|                | §22.913(a)(2)   | Effective Radiated Power<br>(Band 5) (Band 26)   | ERP < 7 Watt           | PASS   |        |
|                | §27.50(b)(10)<br>§27.50(c)(10)  | Effective Radiated Power<br>(Band 12) (Band 17)  | ERP < 3 Watt           | PASS   |        |
|                | §24.232(c)<br>§27.50(h)(2)  | Equivalent Isotropic Radiated Power<br>(Band 2)(Band 25) (Band 7)<br>(Band 38)(Band 39) (Band 41)          | EIRP < 2Watt           | PASS   |        |
| 4.3            | §24.232(d)  | Peak-to-Average Ratio  | < 13 dB                | PASS   | -      |
| 4.4            | §2.1049   | Occupied Bandwidth   | Reporting Only         | PASS   | -      |
| 4.5            | §2.1051<br>§22.359(a)<br>§22.917(a)<br>§24.238(a)<br>§27.53(g)<br>§27.53(h) | Conducted Band Edge Measurement<br>(Band 2) (Band 5)<br>(Band 12) (Band 17)(Band 25)<br>(Band 26)(Band 39) | < 43+10log10(P[Watts]) | PASS   | -      |
|                | §27.53(m)(4)  | Adjacent Channel Power<br>(Band 7) (Band 38) (Band 41)   | §27.53(m)(4)           | PASS   |        |
| 4.6            | §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(g)<br>§27.53(h)               | Conducted Spurious Emission<br>(Band 2) (Band 5)<br>(Band 12) (Band 17) (Band 25)<br>(Band 26) (Band 39)   | < 43+10log10(P[Watts]) | PASS   | -      |
|                | §2.1051<br>§27.53(m)(4)   | Conducted Spurious Emission<br>(Band 7) (Band 38)(Band 41)   | < 55+10log10(P[Watts]) | PASS   |        |
| 4.7            | §2.1055<br>§22.355  | Frequency Stability for Temperature & Voltage  | < 2.5 ppm              | PASS   | -      |
|                | §2.1055<br>§24.235<br>§27.54  |  | Within Authorized Band |        |        |

| Report Section | FCC Rule  | Description  | Limit                               | Result | Remark   |
|----------------|---|--|-------------------------------------|--------|--|
| 5.2            | §2.1053<br>§22.917(a)<br>§24.238(a)<br>§27.53(g)<br>§27.53(h) | Radiated Spurious Emission<br>(Band 2) (Band 5)<br>(Band 12) (Band 17)<br>(Band 25)(Band 26) | $< 43+10\log_{10}(P[\text{Watts}])$ | PASS   | Under limit<br>-13.55 dB<br>at<br>10380<br>MHz |
|                | §2.1053<br>§27.53(m)(4)                                       | Radiated Spurious Emission<br>(Band 7) (Band 38)(Band 41)                                    | $< 55+10\log_{10}(P[\text{Watts}])$ |        |  |

# 1 Test Laboratory

## 1.1 Test facility

### **CNAS ( accreditation number: L11138 )**

Hunan Ecloud Testing Technology Co., Ltd. has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS).

### **FCC (Designation number: CN1244 , Test Firm Registration Number: 793308 )**

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

### **ISED(CAB identifier: CN0012)**

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the Wireless Device Testing Laboratories list of innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements.

### **A2LA (Certificate Code: 4895.01 )**

Hunan Ecloud Testing Technology Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

## 2 General Description

### 2.1 Applicant

**Mikrotikls SIA**

Brivibas gatve 214i, Riga, LV-1039 LATVIA

### 2.2 Manufacturer

**Mikrotikls SIA**

Brivibas gatve 214i, Riga, LV-1039 LATVIA

### 2.3 Product Feature of Equipment Under Test

| Product Feature            |   |
|----------------------------|---|
| <b>Equipment</b>           | LTE Mini PCIe card R11e-LTE6  |
| <b>Brand Name</b>          | Mikrotik  |
| <b>Model Name</b>          | R11e-LTE6   |
| <b>Additional Model</b>    | N/A   |
| <b>FCC ID</b>              | TV7R11ELTE6   |
| <b>Nominal Voltage</b>     | 3.8 Vdc (From Test fixture)   |
| <b>Extreme Voltage</b>     | DC 3.2V and DC 4.3V   |
| <b>Extreme Temperature</b> | -40°C and 80°C  |
| <b>Modulation Type</b>     | <b>GSM</b> GSMK, 8PSK   |
|                            | <b>WCDMA</b> BPSK   |
|                            | <b>LTE</b> 8PSK,16QAM,64QAM   |
| <b>Operating frequency</b> | <b>GSM</b> 824.2 MHz ~ 848.8 MHz (FOR GSM 850)<br>1850.2 MHz ~ 1909.8MHz (FOR DCS 1900)   |
|                            | <b>WCDMA</b> 826.4 MHz ~ 846.6 MHz (FOR WCDMA 850)<br>1852.4 MHz ~ 1907.6 MHz (FOR WCDMA 1900)  |
|                            | <b>LTE</b> LTE Band 2: 1805.7 MHz ~ 1909.3MHz<br>LTE Band 5: 824.7 MHz ~ 848.3 MHz<br>LTE Band 7: 2502.5 MHz ~ 2567.5 MHz<br>LTE Band 12: 699.7 MHz ~ 715.3 MHz<br>LTE Band 17: 706.5 MHz ~ 713.5 MHz<br>LTE Band 25: 1850.7MHz ~ 1914.3 MHz<br>LTE Band 26: 824.7MHz ~ 848.3 MHz<br>LTE Band 38: 2572.5 MHz ~ 2617.5 MHz<br>LTE Band 39: 1882.5 MHz ~ 1907.5 MHz<br>LTE Band 40: 2307.5 MHz ~ 2312.5 MHz & |

|                   |                 |   |
|-------------------|-----------------|---|
|                   |                 | 2352.5MHz~2357.5MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz |
| <b>HW Version</b> | M26H_1_10       |   |
| <b>SW Version</b> | R11e_LTE6       |   |
| <b>EUT Stage</b>  | Production Unit |   |

**Remark:**

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The EUT was investigated in three orthogonal orientations X/Y/Z on antennas. For Main antenna, it was determined that worst-case orientation Y (Landscape) orientation.



## 2.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |   |
|---|---|
| <b>Tx Frequency</b>                     | LTE Band 2: 1805.7 MHz ~ 1909.3MHz<br>LTE Band 5 : 824.7 MHz ~ 848.3 MHz<br>LTE Band 7 : 2502.5 MHz ~ 2567.5 MHz<br>LTE Band 12 : 699.7 MHz ~ 715.3 MHz<br>LTE Band 17 : 706.5 MHz ~ 713.5 MHz<br>LTE Band 25 : 1850.7MHz ~ 1914.3 MHz<br>LTE Band 26 : 824.7MHz ~ 848.3 MHz<br>LTE Band 38 : 2572.5 MHz ~ 2617.5 MHz<br>LTE Band 39 : 1882.5 MHz ~ 1907.5 MHz<br>LTE Band 41 : 2498.5 MHz ~ 2687.5 MHz   |
| <b>Rx Frequency</b>                     | LTE Band 2: 1930.7 MHz ~ 1989.3 MHz<br>LTE Band 5 : 869.7 MHz ~ 893.3 MHz<br>LTE Band 7 : 2622.5 MHz ~ 2687.5 MHz<br>LTE Band 12 : 729.7 MHz ~ 745.3 MHz<br>LTE Band 17 : 736.5 MHz ~ 743.5 MHz<br>LTE Band 25 : 1930.7 MHz ~ 1994.3 MHz<br>LTE Band 26 : 869.7 MHz ~ 893.3 MHz<br>LTE Band 38 : 2572.5 MHz ~ 2617.5 MHz<br>LTE Band 39 : 1882.5 MHz ~ 1907.5 MHz<br>LTE Band 41 : 2498.5 MHz ~ 2687.5 MHz  |
| <b>Bandwidth</b>                        | LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 7 : 5MHz/ 10MHz / 15MHz / 20MHz<br>LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 17 : 5MHz / 10MHz<br>LTE Band 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz<br>LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 39 : 5MHz/ 10MHz / 15MHz / 20MHz<br>LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz |
| <b>Maximum EIRP Power</b>               | LTE Band 2: 24.00 dBm<br>LTE Band 5: 28.41 dBm<br>LTE Band 7: 22.40 dBm<br>LTE Band 12: 28.57 dBm<br>LTE Band 17: 27.90 dBm<br>LTE Band 25: 24.09 dBm<br>LTE Band 26: 28.52 dBm<br>LTE Band 38: 22.85 dBm<br>LTE Band 39: 24.22 dBm<br>LTE Band 41: 24.68 dBm   |
| <b>Antenna Type</b>                     | Omni Antenna  |
| <b>Antenna Gain ( Main )</b>            | LTE Band 2: -0.21 dBi<br>LTE Band 5: 4.83 dBi<br>LTE Band 7: -0.52 dBi<br>LTE Band 12: 5.0 dBi<br>LTE Band 17: 5.0 dBi  |

|                                     |   |
|-------------------------------------|---|
|                                     | LTE Band 25: -0.21 dBi<br>LTE Band 26: 4.83 dBi<br>LTE Band 38: -0.55 dBi<br>LTE Band 39: -0.21 dBi<br>LTE Band 41: -0.52 dBi   |
| <b>Antenna Gain ( AUX -Only RX)</b> | LTE Band 2: -0.21 dBi<br>LTE Band 5: 4.83 dBi<br>LTE Band 7: -0.52 dBi<br>LTE Band 12: 5.0 dBi<br>LTE Band 17: 5.0 dBi<br>LTE Band 25: -0.21 dBi<br>LTE Band 26: 4.83 dBi<br>LTE Band 38: -0.55 dBi<br>LTE Band 39: -0.21 dBi<br>LTE Band 41: -0.52 dBi |
| <b>Type of Modulation</b>           | QPSK/ 16QAM   |

## 2.5 Modification of EUT

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

## 2.6 Applicable Standards

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

- ♦ 47 CFR Part 2, 22(H), 24(E), 27
  - ♦ ANSI / TIA / EIA-603-E-2016
  - ♦ ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01

### Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

### 3 Test Configuration of Equipment Under Test

#### 3.1 Test Mode

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

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated from 30 MHz to 10th harmonic.

Test modes are chosen to be reported as the worst case configuration below:

| Test Items                             | Band | Bandwidth(MHz) |   |   |    |    |    | Modulation |   |       | RB# |      |      | Test Channel |   |   |
|--|------|----------------|---|---|----|----|----|------------|---|-------|-----|------|------|--------------|---|---|
|  |      | 1.4            | 3 | 5 | 10 | 15 | 20 | QPSK       |   | 16QAM | 1   | Half | Full | L            | M | H |
| Max. Output Power and E.R.P./ E.I.R.P. | 2    | •              | • | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 4    | •              | • | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 5    | •              | • | • | •  | -  | -  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 7    | -              | - | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 12   | •              | • | • | •  | -  | -  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 17   | -              | - | • | •  | -  | -  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 25   | •              | • | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 26   | •              | • | • | •  | •  | -  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 38   | -              | - | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 39   | -              | - | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 41   | -              | - | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
| Peak-to-Average Ratio                  | 66   | •              | • | • | •  | •  | •  | •          |   | •     | •   | •    | •    | •            | • | • |
|  | 2    | •              | • | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 4    | •              | • | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 5    | •              | • | • | •  | -  | -  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 7    | -              | - | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 12   | •              | • | • | •  | -  | -  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 17   | -              | - | • | •  | -  | -  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 25   | •              | • | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 26   | •              | • | • | •  | •  | -  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 38   | -              | - | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
|  | 39   | -              | - | • | •  | •  | •  | •          |   | •     | •   | -    | •    | •            | • | • |
| 41                                     | -    | -              | • | • | •  | •  | •  |            | • | •     | -   | •    | •    | •            | • |   |
| 66                                     | •    | •              | • | • | •  | •  | •  |            | • | •     | -   | •    | •    | •            | • |   |

| Test Items                  | Band        | Bandwidth(MHz)        |   |   |    |    |    | Modulation        |  |       | RB#        |      |      | Test Channel        |   |   |
|-----------------------------|-------------|-----------------------|---|---|----|----|----|-------------------|--|-------|------------|------|------|---------------------|---|---|
|                             |             | 1.4                   | 3 | 5 | 10 | 15 | 20 | QPSK              |  | 16QAM | 1          | Half | Full | L                   | M | H |
| 26dB and 99% Bandwidth      | 2           | •                     | • | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 5           | •                     | • | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 7           | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 12          | •                     | • | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 17          | -                     | - | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 25          | •                     | • | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 26          | •                     | • | • | •  | •  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 38          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 39          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 41          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
| Conducted Band Edge         | 2           | •                     | • | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 5           | •                     | • | • | •  | -  | -  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 7           | -                     | - | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 12          | •                     | • | • | •  | -  | -  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 17          | -                     | - | • | •  | -  | -  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 25          | •                     | • | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 26          | •                     | • | • | •  | •  | -  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 38          | -                     | - | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 39          | -                     | - | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 41          | -                     | - | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
| Conducted Spurious Emission | 2           | •                     | • | • | •  | •  | •  | •                 |  | •     | •          | -    | •    | •                   | • | • |
|                             | 5           | •                     | • | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 7           | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 12          | •                     | • | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 17          | -                     | - | • | •  | -  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 25          | •                     | • | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 26          | •                     | • | • | •  | •  | -  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 38          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 39          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
|                             | 41          | -                     | - | • | •  | •  | •  | •                 |  | •     | -          | -    | •    | •                   | • | • |
| <b>Test Items</b>           | <b>Band</b> | <b>Bandwidth(MHz)</b> |   |   |    |    |    | <b>Modulation</b> |  |       | <b>RB#</b> |      |      | <b>Test Channel</b> |   |   |

|                            |  | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK |  | 16QAM | 1 | Half | Full | L | M | H |
|----------------------------|--|-----|---|---|----|----|----|------|--|-------|---|------|------|---|---|---|
| Frequency Stability        | 2  | •   | • | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 5  | •   | • | • | •  | -  | -  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 7  | -   | - | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 12   | •   | • | • | •  | -  | -  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 17   | -   | - | • | •  | -  | -  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 25   | •   | • | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 26   | •   | • | • | •  | •  | -  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 38   | -   | - | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 39   | -   | - | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
|                            | 41   | -   | - | • | •  | •  | •  | •    |  | •     | - | -    | •    | • | • | • |
| Radiated Spurious Emission | 2  | •   | • | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 5  | •   | • | • | •  | -  | -  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 7  | -   | - | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 12   | •   | • | • | •  | -  | -  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 17   | -   | - | • | •  | -  | -  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 25   | •   | • | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 26   | •   | • | • | •  | •  | -  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 38   | -   | - | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 39   | -   | - | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
|                            | 41   | -   | - | • | •  | •  | •  | •    |  | •     | • | •    | •    | • | • | • |
| Note                       | <ol style="list-style-type: none"> <li>The mark "•" means that this configuration is chosen for testing.</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> </ol> |     |   |   |    |    |    |      |  |       |   |      |      |   |   |   |

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

| LTE Band 2 Channel | Bandwidth [MHz]  | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|--------------------|------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range          | 1.4              | 18607           | 1850.7                    | 607             | 1930.7                      |
|                    | 3                | 18615           | 1851.5                    | 615             | 1931.5                      |
|                    | 5                | 18625           | 1852.5                    | 625             | 1932.5                      |
|                    | 10               | 18650           | 1855                      | 650             | 1935                        |
|                    | 15               | 18675           | 1857.5                    | 675             | 1937.5                      |
|                    | 20               | 18700           | 1860                      | 700             | 1940                        |
| Middle Range       | 1.4/3/5/10/15/20 | 18900           | 1880                      | 900             | 1960                        |
| High Range         | 1.4              | 19193           | 1909.3                    | 1193            | 1989.3                      |
|                    | 3                | 19185           | 1908.5                    | 1185            | 1988.5                      |
|                    | 5                | 19175           | 1907.5                    | 1175            | 1987.5                      |
|                    | 10               | 19150           | 1905                      | 1150            | 1985                        |
|                    | 15               | 19125           | 1902.5                    | 1125            | 1982.5                      |
|                    | 20               | 19100           | 1900                      | 1100            | 1980                        |

| LTE Band 5 Channel | Bandwidth [MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|--------------------|-----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range          | 1.4             | 20407           | 824.7                     | 2407            | 869.7                       |
|                    | 3               | 20415           | 825.5                     | 2415            | 870.5                       |
|                    | 5               | 20425           | 826.5                     | 2425            | 871.5                       |
|                    | 10              | 20450           | 829                       | 2450            | 874                         |
| Middle Range       | 1.4/3/5/10      | 20525           | 836.5                     | 2525            | 881.5                       |
| High Range         | 1.4             | 20643           | 848.3                     | 2643            | 893.3                       |
|                    | 3               | 20635           | 847.5                     | 2635            | 892.5                       |
|                    | 5               | 20625           | 846.5                     | 2625            | 891.5                       |
|                    | 10              | 20600           | 844                       | 2600            | 889                         |

| LTE Band 7 Channel | Bandwidth[MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|--------------------|----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range          | 5              | 20775           | 2502.5                    | 2775            | 2622.5                      |
|                    | 10             | 20800           | 2505                      | 2800            | 2625                        |
|                    | 15             | 20825           | 2507.5                    | 2825            | 2627.5                      |
|                    | 20             | 20850           | 2510                      | 2850            | 2630                        |
| Middle Range       | 5/10/15/20     | 21100           | 2535                      | 3100            | 2655                        |
| High Range         | 5              | 21425           | 2567.5                    | 3425            | 2687.5                      |
|                    | 10             | 21400           | 2565                      | 3400            | 2685                        |
|                    | 15             | 21375           | 2562.5                    | 3375            | 2682.5                      |
|                    | 20             | 21350           | 2560                      | 3350            | 2680                        |

| LTE Band 17 Channel | Bandwidth[MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|---------------------|----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range           | 5              | 23755           | 706.5                     | 5755            | 736.5                       |
|                     | 10             | 23780           | 709                       | 5780            | 739                         |
| Middle Range        | 5/10/15/20     | 23790           | 710                       | 5790            | 740                         |
| High Range          | 5              | 23825           | 713.5                     | 5825            | 743.5                       |
|                     | 10             | 23800           | 711                       | 5800            | 741                         |

| LTE Band 12 Channel | Bandwidth[MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|---------------------|----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range           | 1.4            | 23017           | 699.7                     | 5017            | 729.7                       |
|                     | 3              | 23025           | 700.5                     | 5025            | 730.5                       |
|                     | 5              | 23035           | 701.5                     | 5035            | 731.5                       |
|                     | 10             | 23060           | 704                       | 5060            | 734                         |
| Middle Range        | 1.4/3/5/10     | 23095           | 707.5                     | 5095            | 737.5                       |
| High Range          | 1.4            | 23173           | 715.3                     | 5173            | 745.3                       |
|                     | 3              | 23165           | 714.5                     | 5165            | 744.5                       |
|                     | 5              | 23155           | 713.5                     | 5155            | 743.5                       |
|                     | 10             | 23130           | 711                       | 5130            | 741                         |

| LTE Band 25 Channel | Bandwidth[MHz]   | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|---------------------|------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range           | 1.4              | 26047           | 1850.7                    | 8047            | 1930.7                      |
|                     | 3                | 26055           | 1851.5                    | 8055            | 1931.5                      |
|                     | 5                | 26065           | 1852.5                    | 8065            | 1932.5                      |
|                     | 10               | 26090           | 1855                      | 8090            | 1935                        |
|                     | 15               | 26115           | 1857.5                    | 8115            | 1937.5                      |
|                     | 20               | 26140           | 1860                      | 8140            | 1940                        |
| Middle Range        | 1.4/3/5/10/15/20 | 26365           | 1882.5                    | 8365            | 1962.5                      |
| High Range          | 1.4              | 26683           | 1914.3                    | 8683            | 1994.3                      |
|                     | 3                | 26675           | 1913.5                    | 8675            | 1993.5                      |
|                     | 5                | 26665           | 1912.5                    | 8665            | 1992.5                      |
|                     | 10               | 26640           | 1910                      | 8640            | 1990                        |
|                     | 15               | 26615           | 1907.5                    | 8615            | 1987.5                      |
|                     | 20               | 26590           | 1905                      | 8590            | 1985                        |

| LTE Band 26 Channel | Bandwidth[MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|---------------------|----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range           | 1.4            | 26797           | 824.7                     | 8797            | 869.7                       |
|                     | 3              | 26805           | 825.5                     | 8805            | 870.5                       |
|                     | 5              | 26815           | 826.5                     | 8815            | 871.5                       |
|                     | 10             | 26840           | 829                       | 8840            | 874                         |
|                     | 15             | 26865           | 831.5                     | 8865            | 876.5                       |
| Middle Range        | 1.4/3/5/10/15  | 26915           | 836.5                     | 8865            | 876.5                       |
| High Range          | 1.4            | 27033           | 848.3                     | 9033            | 893.3                       |
|                     | 3              | 27025           | 847.5                     | 9025            | 892.5                       |
|                     | 5              | 27015           | 846.5                     | 9015            | 891.5                       |
|                     | 10             | 26990           | 844                       | 8990            | 889                         |
|                     | 15             | 26965           | 841.5                     | 8965            | 886.5                       |

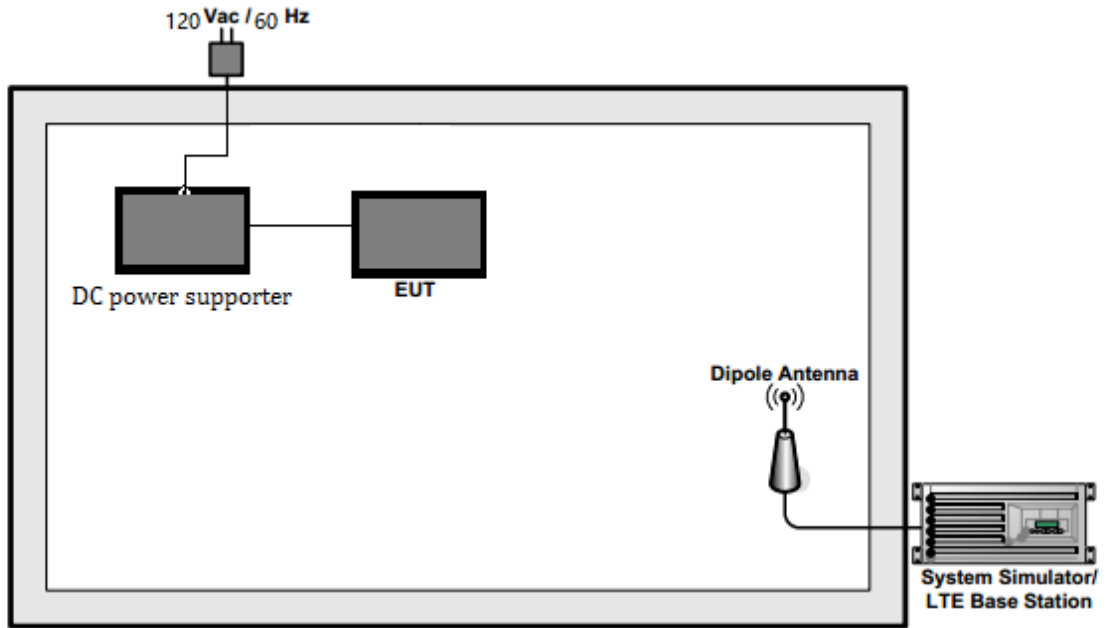


| LTE Band 38 Channel | Bandwidth [MHz] | EARFCN | Frequency (UL and DL) [MHz] |
|---------------------|-----------------|--------|-----------------------------|
| Low Range           | 5               | 37775  | 2572.5                      |
|                     | 10              | 37800  | 2575                        |
|                     | 15              | 37825  | 2577.5                      |
|                     | 20              | 37850  | 2580                        |
| Middle Range        | 5/10/15/20      | 38000  | 2595                        |
| High Range          | 5               | 38225  | 2617.5                      |
|                     | 10              | 38200  | 2615                        |
|                     | 15              | 38175  | 2612.5                      |
|                     | 20              | 38150  | 2610                        |

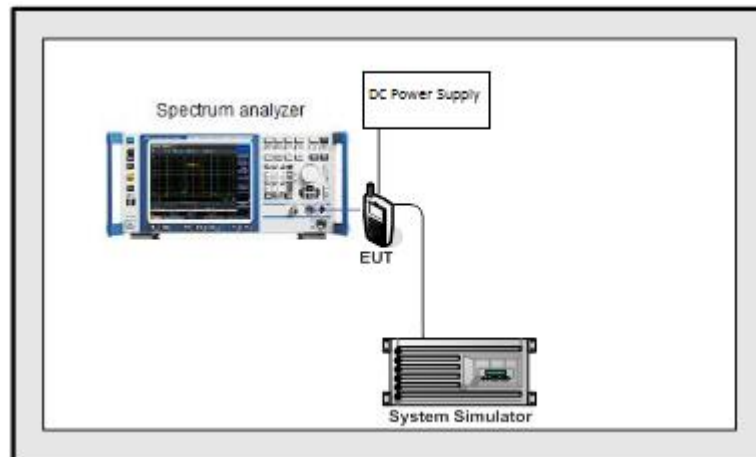
| LTE Band 39 Channel | Bandwidth [MHz] | EARFCN | Frequency (UL and DL) [MHz] |
|---------------------|-----------------|--------|-----------------------------|
| Low Range           | 5               | 38275  | 1882.5                      |
|                     | 10              | 38300  | 1885                        |
|                     | 15              | 38325  | 1887.5                      |
|                     | 20              | 38350  | 1890                        |
| Mid Range           | 5/10/15/20      | 38400  | 1895                        |
| High Range          | 5               | 38525  | 1907.5                      |
|                     | 10              | 38500  | 1905                        |
|                     | 15              | 38475  | 1902.5                      |
|                     | 20              | 38450  | 1900                        |

| LTE Band 41 Channel | Bandwidth [MHz] | EARFCN | Frequency (UL and DL) [MHz] |
|---------------------|-----------------|--------|-----------------------------|
| Low Range           | 5               | 39675  | 2498.5                      |
|                     | 10              | 39700  | 2501                        |
|                     | 15              | 39725  | 2503.5                      |
|                     | 20              | 39750  | 2506                        |
| Middle Range        | 5/10/15/20      | 40620  | 2593                        |
| High Range          | 5               | 41565  | 2687.5                      |
|                     | 10              | 41540  | 2685                        |
|                     | 15              | 41515  | 2682.5                      |
|                     | 20              | 41490  | 2680                        |

### 3.3 Connection Diagram of Test System



Radiated Setup



Conducted Setup

### 3.4 Support Unit used in test configuration

| Item | Equipment        | Trade Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|------------------|------------|-----------|--------|------------|-------------------|
| 1.   | System Simulator | R&S        | CMU 500   | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | DC Power Supply  | Keysight   | E3642A    | N/A    | N/A        | Unshielded, 1.8 m |

### 3.5 Measurement Results Explanation Example

**For all conducted test items:**

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

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

*Offset = RF cable loss + attenuator factor.*

The following shows an offset computation example with RF cable loss 4.5 dB and a 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.5 + 10 = 14.5 \text{ (dB)} \end{aligned}$$

## 4 Conducted Test Result

### 4.1 Measuring Instruments

See list of measuring instruments of this test report.

### 4.2 Conducted Output Power and E.R.P./E.I.R.P.

#### 4.2.1 Description of the Conducted Output Power

All LTE bands conducted average power is obtained from the CMW500 telecommunication test set.

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3

| Modulation | Channel bandwidth / Transmission bandwidth ( $N_{RB}$ ) |            |          |           |           |           | MPR (dB) |
|------------|---|------------|----------|-----------|-----------|-----------|----------|
|            | 1.4<br>MHz  | 3.0<br>MHz | 5<br>MHz | 10<br>MHz | 15<br>MHz | 20<br>MHz |          |
| QPSK       | > 5   | > 4        | > 8      | > 12      | > 16      | > 18      | ≤ 1      |
| 16 QAM     | ≤ 5   | ≤ 4        | ≤ 8      | ≤ 12      | ≤ 16      | ≤ 18      | ≤ 1      |
| 16 QAM     | > 5   | > 4        | > 8      | > 12      | > 16      | > 18      | ≤ 2      |
| 64 QAM     | ≤ 5   | ≤ 4        | ≤ 8      | ≤ 12      | ≤ 16      | ≤ 18      | ≤ 2      |
| 64 QAM     | > 5   | > 4        | > 8      | > 12      | > 16      | > 18      | ≤ 3      |
| 256 QAM    | ≥ 1   |            |          |           |           |           | ≤ 5      |

#### 4.2.2 E.R.P. /E.I.R.P. Limit

FCC: §2.1046, §22.913, §24.232, §27.50

22.913(a) - The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts

24.232(c) - Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications

27.50 (c) (10) the following power and antenna height requirements apply to stations transmitting in the 698–746 MHz band, the portable stations (hand-held devices) are limited to 3 watts ERP.

27.50 (b)(10) Portable stations (hand-held devices) transmitting in the 746–757 MHz, 758–763 MHz, 776–793 MHz, and 805–806 MHz bands are limited to 3 watts ERP.

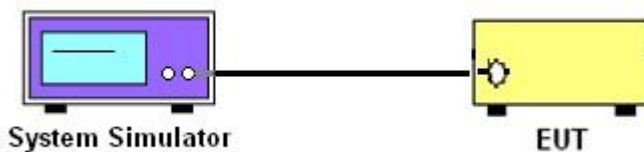
27.50 (d)(4) The following power and antenna height requirements apply to stations transmitting in the 1710–1755 MHz and 2110–2155 MHz bands: Fixed, mobile, and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP

27.50 (h) The following power limits shall apply in the BRS and EBS: (2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

### 4.2.3 Test Procedures

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

### 4.2.4 Test Setup



### 4.2.5 Test Results

Refer to Appendix A of this test report.

## 4.3 Peak-to-Average Ratio

### 4.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth.

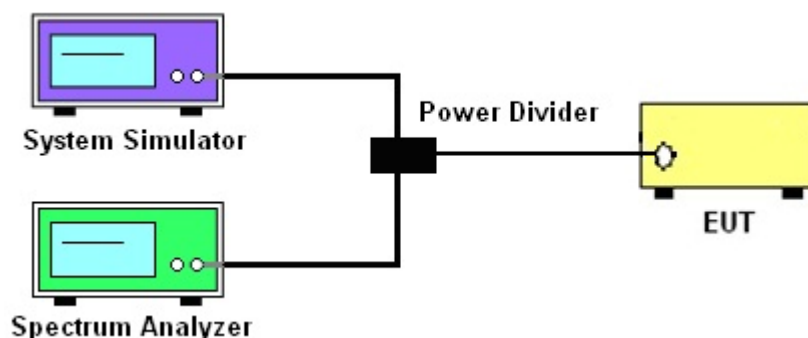
### 4.3.2 Limit

In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

### 4.3.3 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 ( CCDF )
  2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
  3. Set EUT to transmit at maximum output power.
  4. The signal analyzer's CCDF measurement profile is enabled
  5. Frequency = carrier center frequency
  6. Measurement BW > Emission bandwidth of signal
  7. When the duty cycle is less than 98%, then signal gating will be implemented on the spectrum analyzer by triggering from the system simulator.
  8. Set the CCDF (Complementary Cumulative Distribution Function) option of the spectrum analyzer.
- Record the maximum PAPR level associated with a probability of 0.1%.

### 4.3.4 Test Setup



### 4.3.5 Test Results

Refer to Appendix A of this test report.

## 4.4 99% Occupied Bandwidth and 26dB Bandwidth Measurement

### 4.4.1 Description of 99% Occupied Bandwidth and 26dB Bandwidth Measurement

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

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

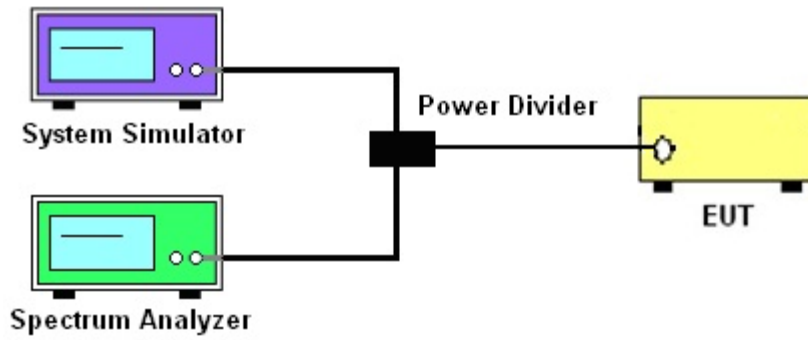
### 4.4.2 Limit

For reporting purposes only

### 4.4.3 Test Procedures

1. The testing follows Sub clause 5.4.3 of ANSI C63.26-2015
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth the bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
4.  $RBW = 1\sim 5\%$  of the expected OBW,  $VBW \geq 3 \times RBW$
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.(this is the reference value)
7. Determine the "-26 dB down amplitude" as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the "-X dB down amplitude" determined in step 6. If a marker is below this "-X dB down amplitude" value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

#### 4.4.4 Test Setup



#### 4.4.5 Test Results

Refer to Appendix A of this test report.



## 4.5 Conducted Band Edge and Emission Mask

### 4.5.1 Description of Conducted Band Edge and Emission Measurement

The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyser, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel and high channel).in the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of 100kHz or 1% of the emission bandwidth of the fundamental emission of the transmitter may be employed. The EUT emission bandwidth is measured as the width of the signal between two points, outside of which all emission are attenuated at least 26dB below the transmitter power. The video bandwidth of the spectrum analyzer was set at thrice the resolution bandwidth. Detector Mode was set to peak or peak hold power.

### 4.5.2 Limit

FCC: §22.359, §22.917, §24.238, §27.53

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.

FCC: §27.53

(c) For operations in the 776-788 MHz band, the power of any emission outside the 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, in accordance with the following: (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log (P)$  dB;(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log (P)$  dB in a 6.25 kHz band segment, for mobile and portable stations; (5) Compliance with the provisions of paragraphs (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed; (6) Compliance with the provisions of paragraphs (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC: §27.53

(m)(6) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed;

for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Show citation box.

### 4.5.3 Test Procedures

1. The testing follows ANSI C63.26 Section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. Start and stop frequency were set such that the band edge would be placed in the center of the plot
4. Span was set large enough so as to capture all out of band emissions near the band edge
5. RBW  $\geq$  1% of the emission bandwidth
6. VBW  $\geq$  3 x RBW
7. Detector = RMS
8. Number of sweep points  $\geq$  2 x Span/RBW
9. Trace mode = trace average for continuous emissions, max hold for pulse emissions
10. Sweep time = auto couple
11. The trace was allowed to stabilize
12. The RF fundamental frequency should be excluded against the limit line in the operating

frequency band.

13. Checked that all the results comply with the emission limit line.

Example:

The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)

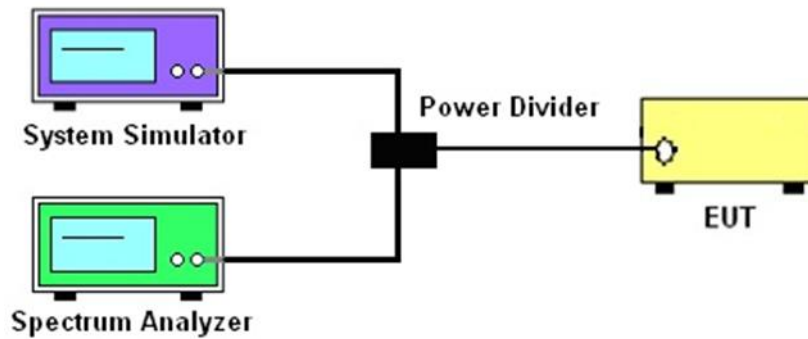
$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm.}$$

For LTE Band 7, 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.

#### 4.5.4 Test Setup



#### 4.5.5 Test Results

Refer to Appendix A of this test report.

## 4.6 Conducted Spurious Emission

### 4.6.1 Description of Conducted Spurious Emission Measurement

The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyzer, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel and high channel). The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. 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  $43 + 10 \log(P)$  dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.

### 4.6.2 Limit

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.

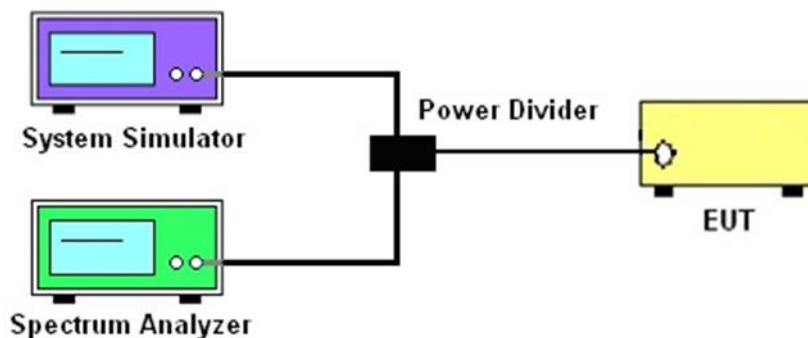
§27.53(a)(4) For mobile and portable stations operating in the 2305-2315 MHz: by a factor of not less than  $43 + 10 \log(P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log(P)$  dB above 2365 MHz.

§27.53(m)(4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 4.6.3 Test Procedures

1. The testing follows ANSI C63.26 section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)  
 $= P(W) - [43 + 10\log(P)]$  (dB)  
 $= [30 + 10\log(P)]$  (dBm) -  $[43 + 10\log(P)]$  (dB)  
 $= -13\text{dBm}$ .
8. For Band 7, 38, 41  
The limit line is derived from  $55 + 10\log(P)$ dB below the transmitter power P(Watts)  
 $= P(W) - [55 + 10\log(P)]$  (dB)  
 $= [30 + 10\log(P)]$  (dBm) -  $[55 + 10\log(P)]$  (dB)  
 $= -25\text{dBm}$ .

### 4.6.4 Test Setup



### 4.6.5 Test Results

Refer to Appendix A of this test report.

## 4.7 Frequency Stability

### 4.7.1 Description of Frequency Stability Measurement

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

FCC §22.355

The carrier frequency shall not depart from the reference frequency in excess of  $\pm 2.5$  ppm for mobile stations.

FCC §24.235 & §27.54

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

### 4.7.2 Test Condition

Temp. =  $-30^{\circ}$  to  $+50^{\circ}$ C

Voltage = (85% - 115%)

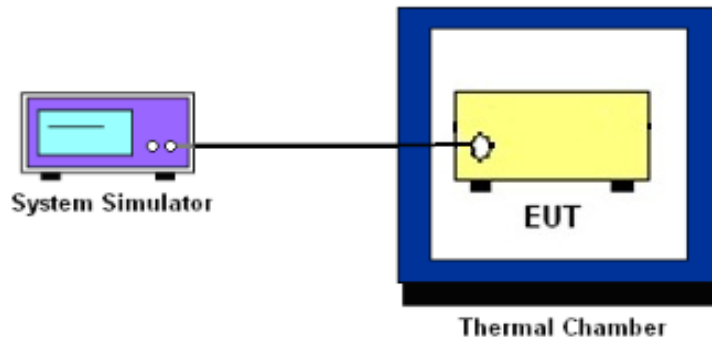
### 4.7.3 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4.
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to  $-30^{\circ}$ C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in  $10^{\circ}$ C steps up to  $50^{\circ}$ C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

### 4.7.4 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5.
2. The EUT was placed in a temperature chamber at  $25 \pm 5^{\circ}$  C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

### 4.7.5 Test Setup



### 4.7.6 Test Results

Refer to Appendix A of this test report.

## 5 Radiated Test Items

### 5.1 Measuring Instruments

See list of measuring instruments of this test report.

### 5.2 Radiated Spurious Emission

#### 5.2.1 Description of the Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI / TIA / EIA-603-E-2016. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For Band 7, 38, 41

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

For LTE Band 12, 17

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions 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.

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

#### 5.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI / TIA-603-E-2016 Section 2.2.12.

**Below 1GHz test procedure as below:**

1. The EUT was powered ON and placed on a 80cm high table in the chamber. The antenna of the transmitter was extended to its maximum length.
2. Make the measurement with the spectrum analyzer's RBW = 100KHz, VBW = 100KHz, taking record of maximum spurious emission.
3. The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.
4. Steps 1) and 2) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
5. The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.
6. A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver.



The level of the signal generator was adjusted until the measured field strength level in step 2) is obtained for this set of conditions.

7. The output power into the substitution antenna was then measured.
8. Steps 5) and 6) were repeated with both antennas polarized.
9. Calculate power in dBm by the following formula:

$$\text{ERP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBd)} - 2.15$$

Where:

$P_d$  is the dipole equivalent power,  $P_g$  is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole (dBd) or an isotropic source (dBi). The substitute level is equal to  $P_g$  [dBm] – cable loss [dB]. The calculated  $P_d$  levels are then compared to the absolute spurious emission limit of -13dBm which is equivalent to the required minimum attenuation of  $43 + 10\log_{10}(\text{Power [Watts]})$ .

10. For Band 7, 38, 41:

The limit line is derived from  $55 + 10\log(P)$ dB below the transmitter power  $P$ (Watts)

**Above 1GHz test procedure as below:**

1. The EUT was powered ON and placed on a 150cm high table in the chamber. The antenna of the transmitter was extended to its maximum length.
2. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
3. The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.
4. Steps 1) and 2) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
5. The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.
6. A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 2) is obtained for this set of conditions.
7. The output power into the substitution antenna was then measured.
8. Steps 5) and 6) were repeated with both antennas polarized.
9. Calculate power in dBm by the following formula:

$$\text{EIRP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$

Where:

$P_d$  is the dipole equivalent power,  $P_g$  is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole (dBd) or an isotropic source (dBi). The substitute level is equal to  $P_g$  [dBm] – cable loss [dB]. The calculated  $P_d$  levels are then compared to the absolute spurious emission limit of -13dBm which is equivalent to the required minimum attenuation of  $43 + 10\log_{10}(\text{Power [Watts]})$ .  $\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$

11.  $\text{ERP (dBm)} = \text{EIRP} - 2.15$

12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

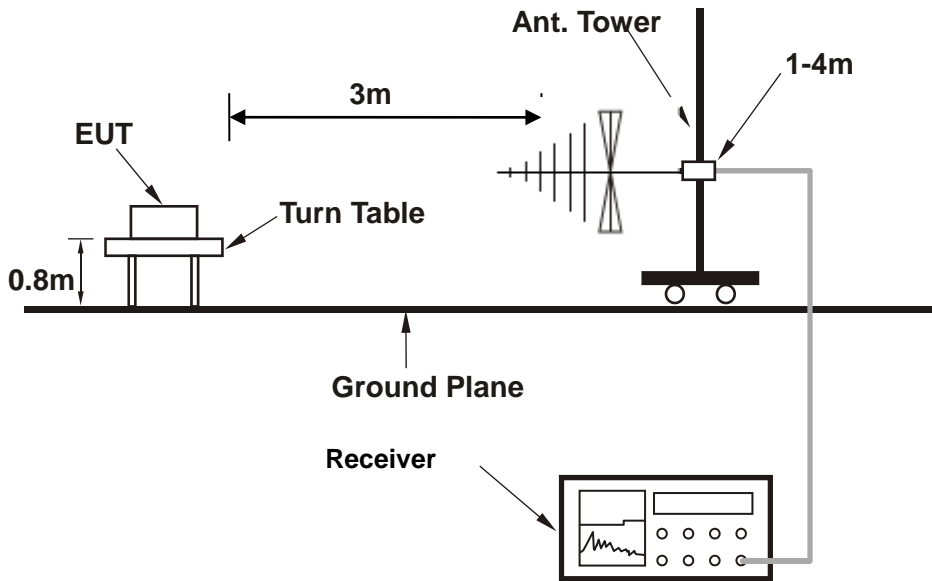
The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power  $P$ (Watts)  
 $= P(W) - [43 + 10\log(P)]$  (dB)  
 $= [30 + 10\log(P)]$  (dBm) -  $[43 + 10\log(P)]$  (dB)  
 $= -13\text{dBm}$ .

13. For Band 7, 38, 41:

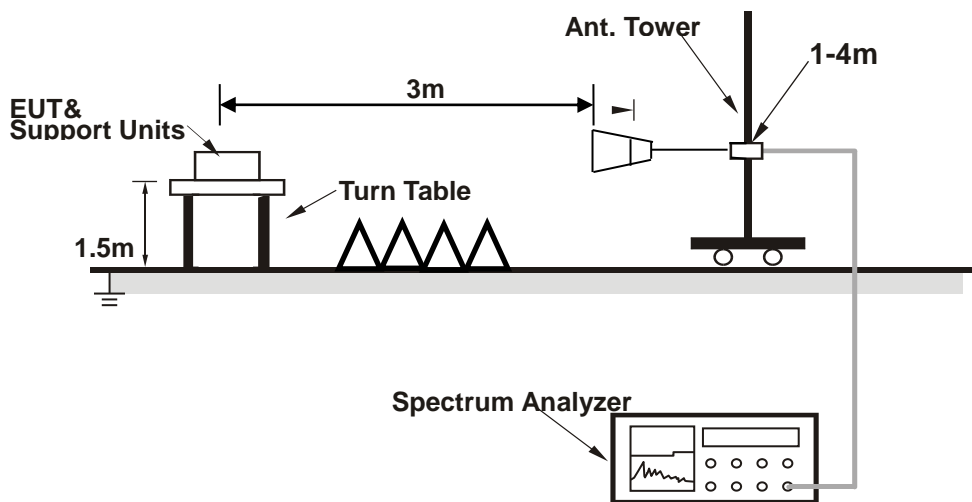
The limit line is derived from  $55 + 10\log(P)$ dB below the transmitter power  $P$ (Watts)

### 5.2.3 Test Setup

For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



### 5.2.4 Test Results

Refer to Appendix B of this test report.

## 6 List of Measuring Equipment

| Instrument        | Manufacturer | Model No.  | Serial No. | Calibration Date | Due Date  | Remark    |
|-------------------|--------------|------------|------------|------------------|-----------|-----------|
| Spectrum Analyzer | R&S          | FSV 40     | 101433     | 2018/3/14        | 2019/3/13 | Conducted |
| Base Station      | R&S          | CMW500     | 164998     | 2018/3/17        | 2019/3/16 | Conducted |
| Thermal Chamber   | Sanmtest     | SMC-408-CD | 2435       | 2018/7/05        | 2019/7/04 | Conducted |

| Instrument                 | Manufacturer | Model No.     | Serial No. | Calibration Date | Due Date   | Remark    |
|----------------------------|--------------|---------------|------------|------------------|------------|-----------|
| Spectrum Analyzer          | R&S          | FSV 40        | 101433     | 2018/3/14        | 2019/3/13  | Radiation |
| Amplifier                  | Sonoma       | 310           | 363917     | 2018/3/6         | 2019/3/5   | Radiation |
| Amplifier                  | Schwarzbeck  | BBV 9718      | 327        | 2018/3/14        | 2019/3/13  | Radiation |
| Amplifier                  | Narda        | TTA1840-35-HG | 2034380    | 2018/07/18       | 2019/07/17 | Radiation |
| Loop Antenna               | Schwarzbeck  | FMZB 1519 B   | 1519B-051  | 2017/3/3         | 2020/3/2   | Radiation |
| Broadband Antenna          | Schwarzbeck  | VULB 9168     | 9168-757   | 2017/3/3         | 2020/3/2   | Radiation |
| Horn Antenna               | Schwarzbeck  | BBHA 9120 D   | 1677       | 2017/3/3         | 2020/3/2   | Radiation |
| Horn Antenna               | COM-POWER    | AH-1840       | 101117     | 2018-06-20       | 2021-06-19 | Radiation |
| Signal Generator (Blocker) | R&S          | SMB100A       | 180717     | 2018/3/15        | 2019/3/14  | Radiation |
| Test Software              | Auidx        | E3            | 6.111221a  | N/A              | N/A        | Radiation |

N/A: No Calibration Required

## 7 Uncertainty of Evaluation

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

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.5 dB |
|---|--------|

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

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.51dB |
|---|--------|

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

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.96dB |
|---|--------|

## Appendix A: TEST RESULTS OF CONDUCTED TEST

### Conducted Output Power(Average power)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) |
|-------|-----------|------------|---------|------------------|-------------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 23.12       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.11       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.14       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.59       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.59       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.59       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 22.58       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.66       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.69       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.76       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 24.20       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 24.21       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 24.15       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 23.19       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 23.46       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 23.54       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 23.46       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 23.86       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 23.87       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 23.88       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 22.87       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 23.36       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 23.38       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 23.38       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 22.46       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 22.43       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 22.49       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.77       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 23.99       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 24.02       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 24.08       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 23.06       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 23.06       |

|       |        |       |       |        |       |
|-------|--------|-------|-------|--------|-------|
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3  | 23.05 |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 22.44 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 23.86 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 23.71 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 23.66 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 22.87 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 22.86 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 22.84 |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 22.21 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 23.12 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 23.15 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 23.16 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 22.38 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 22.37 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 22.41 |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 22.37 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 23.50 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 23.48 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 23.54 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 23.07 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 23.07 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 23.10 |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 23.06 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 23.20 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 23.20 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 23.08 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 22.81 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 22.80 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 22.80 |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 22.78 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 22.99 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 23.05 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 22.94 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 21.80 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 21.81 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 21.81 |
| Band2 | 3MHz   | 16QAM | 18615 | 15RB#0 | 21.30 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#0  | 23.20 |

|       |      |       |       |         |       |
|-------|------|-------|-------|---------|-------|
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8   | 23.20 |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 23.22 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 22.38 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 22.39 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 22.38 |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 22.20 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 23.02 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 23.04 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 22.99 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 22.15 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 22.11 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 22.15 |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 21.97 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 23.00 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 23.07 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 22.99 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 22.39 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 22.41 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 22.42 |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 22.38 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 23.72 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 23.75 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 23.76 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 23.02 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 23.02 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 23.04 |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 23.04 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 23.46 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 23.42 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 23.54 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 22.78 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 22.79 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 22.78 |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 22.78 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 22.84 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 22.85 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 22.88 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 21.70 |



|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#6  | 21.70 |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 21.60 |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 21.48 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 23.22 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 23.24 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 23.24 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 22.15 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 22.16 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 22.17 |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 22.15 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 22.99 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 22.95 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 22.95 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 21.93 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 21.94 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 21.98 |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 21.97 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 23.04 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 23.01 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 22.97 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 22.33 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 22.35 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 22.28 |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 22.22 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 23.52 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 23.45 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 23.36 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 23.04 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 23.05 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 23.06 |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 23.03 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 23.18 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 23.19 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 23.00 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 22.82 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 22.79 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 22.77 |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 22.78 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 22.99 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 22.84 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 22.79 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 21.51 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 21.50 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 21.49 |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 21.46 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 23.28 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 23.31 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 23.38 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 22.09 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 22.06 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 22.08 |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 22.09 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 23.09 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 23.09 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 23.07 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 21.85 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 21.84 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 21.87 |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 21.86 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 22.98 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 22.90 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 22.86 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 22.95 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 22.89 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 22.90 |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 22.23 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 23.49 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 23.44 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 23.52 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 23.50 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 23.38 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 23.53 |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 23.03 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 23.28 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 23.19 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 23.03 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 23.29 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 23.19 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 23.05 |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 22.80 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 22.71 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 22.60 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 22.61 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 22.70 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 22.58 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 22.59 |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 21.36 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 23.27 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 23.25 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 23.35 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 23.22 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 23.24 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 23.36 |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 22.08 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 23.09 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 23.00 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 23.01 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 23.13 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 23.04 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 23.03 |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 21.85 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 23.24 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 23.15 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 23.26 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 22.22 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 22.18 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 22.17 |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 22.16 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 23.65 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 23.62 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 23.68 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 23.04 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 23.04 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 23.04 |

|       |        |       |       |         |       |
|-------|--------|-------|-------|---------|-------|
| Band2 | 20MHz  | QPSK  | 18900 | 100RB#0 | 23.06 |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#0   | 23.40 |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#49  | 23.27 |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#99  | 23.23 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#0  | 22.37 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#25 | 22.37 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#50 | 22.30 |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 22.32 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#0   | 22.87 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#49  | 22.70 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#99  | 22.89 |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#0  | 21.41 |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#25 | 21.42 |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#50 | 21.46 |
| Band2 | 20MHz  | 16QAM | 18700 | 100RB#0 | 21.35 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#0   | 23.15 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#49  | 23.02 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#99  | 23.07 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#0  | 22.07 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#25 | 22.08 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#50 | 22.11 |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 22.11 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 22.53 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#49  | 22.49 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#99  | 22.38 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#0  | 21.47 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#25 | 21.46 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#50 | 21.41 |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 21.48 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 22.20 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#2   | 22.22 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | 22.19 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#0   | 22.65 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1   | 22.65 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3   | 22.65 |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 21.52 |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 22.24 |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2   | 22.29 |

|       |        |       |       |        |       |
|-------|--------|-------|-------|--------|-------|
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5  | 22.26 |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0  | 22.81 |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1  | 22.79 |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3  | 22.78 |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0  | 21.68 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0  | 22.79 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2  | 22.75 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5  | 22.97 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0  | 23.58 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1  | 23.54 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3  | 23.30 |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | 21.90 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 22.36 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 22.36 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 22.35 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 21.51 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 21.50 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 21.46 |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 20.98 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 22.44 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 22.48 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 22.46 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 21.69 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 21.69 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 21.62 |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.23 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.99 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 23.16 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.99 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.00 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.02 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.10 |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.65 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 21.73 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 21.70 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 21.72 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 21.12 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 21.05 |

|       |      |       |       |        |       |
|-------|------|-------|-------|--------|-------|
| Band5 | 3MHz | QPSK  | 20415 | 8RB#7  | 21.15 |
| Band5 | 3MHz | QPSK  | 20415 | 15RB#0 | 21.10 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#0  | 22.03 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#8  | 22.10 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#14 | 22.03 |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#0  | 21.55 |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#4  | 21.57 |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#7  | 21.54 |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | 21.55 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0  | 22.64 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8  | 22.61 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14 | 22.30 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0  | 22.03 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4  | 22.02 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7  | 21.88 |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | 22.00 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 21.41 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 21.40 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 21.38 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 20.74 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 20.76 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 20.74 |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 20.60 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 21.78 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 21.71 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 21.74 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 21.12 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 21.11 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 21.08 |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 20.90 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0  | 22.31 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8  | 22.20 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.17 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0  | 21.56 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4  | 21.54 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7  | 21.55 |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 21.44 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0  | 21.99 |

|       |      |       |       |         |       |
|-------|------|-------|-------|---------|-------|
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.20 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.17 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.16 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.13 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 21.17 |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 21.15 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.43 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.37 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.31 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.56 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.56 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.51 |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.55 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.94 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.89 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.88 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.01 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 21.99 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.03 |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.94 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 21.34 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 21.36 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 21.36 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 20.53 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 20.55 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 20.50 |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 20.53 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 21.71 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 21.59 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 21.56 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 20.91 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 20.88 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 20.89 |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 20.85 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 22.11 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12  | 22.11 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24  | 22.11 |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0  | 21.18 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.18 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.36 |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.34 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 21.66 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 21.65 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 21.61 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 21.10 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 21.14 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 21.03 |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 21.14 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 21.96 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.03 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 22.03 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 21.55 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 21.55 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 21.43 |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 21.54 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.32 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.28 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.31 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.69 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.68 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 21.77 |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 21.75 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 21.41 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 21.40 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 21.37 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 20.52 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.51 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 20.53 |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 20.52 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 21.79 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 21.71 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 21.78 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 20.90 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 20.90 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 20.86 |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 20.90 |



|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 21.99 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.08 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.11 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.08 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.08 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.27 |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.10 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0   | 22.64 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#12  | 22.67 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#24  | 22.69 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#0  | 22.10 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#6  | 22.11 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#13 | 22.17 |
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0  | 22.09 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0   | 21.98 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#12  | 22.02 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#24  | 22.04 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#0  | 21.42 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#6  | 21.44 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#13 | 21.52 |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0  | 21.43 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0   | 21.66 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#12  | 22.07 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#24  | 22.12 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#0  | 21.11 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 21.10 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 21.13 |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 21.08 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0   | 22.20 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#12  | 22.18 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#24  | 22.26 |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#0  | 21.33 |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#6  | 21.32 |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#13 | 21.30 |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0  | 21.31 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 21.49 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 21.52 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 21.56 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 20.65 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 20.64 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 20.64 |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 20.63 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 21.15 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 20.88 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 20.88 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 20.25 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 20.31 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.54 |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 20.11 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 22.38 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 22.40 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 22.24 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 21.95 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 21.96 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 22.00 |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 21.98 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 21.52 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 21.71 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 21.74 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 21.32 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 21.29 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 21.23 |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 21.20 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 21.45 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 21.23 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 21.05 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 21.02 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 21.02 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 20.99 |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 20.99 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 22.15 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 22.05 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 22.21 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 21.27 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 21.27 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 21.21 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 21.27 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 21.38 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 21.59 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 21.46 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 20.57 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.56 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 20.60 |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 20.58 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 21.43 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 21.17 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 21.13 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 20.31 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 20.31 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 20.27 |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 20.28 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 22.39 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 22.36 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 22.24 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 22.21 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 22.19 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 22.20 |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 21.93 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 21.50 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 21.68 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 21.78 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 21.53 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 21.48 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 21.52 |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 21.25 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 21.45 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 21.23 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 21.12 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 21.33 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 21.22 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 21.14 |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 21.00 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 22.24 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 22.26 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 22.20 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 22.20 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 22.19 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 22.20 |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 21.23 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 21.35 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 21.48 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 21.47 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 21.56 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 21.47 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 21.52 |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 20.54 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 21.37 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 21.23 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 21.14 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 21.35 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 21.22 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 21.14 |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 20.29 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 22.67 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 22.88 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.92 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 21.99 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 21.92 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 22.00 |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 21.98 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 22.08 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 21.94 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 22.18 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 21.28 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 21.24 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 21.26 |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 21.36 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 22.36 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 21.96 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 21.95 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 21.63 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 21.64 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band7  | 20MHz  | QPSK  | 21350 | 50RB#50 | 21.49 |
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | 21.46 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | 22.15 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#49  | 21.94 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#99  | 22.00 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#0  | 21.14 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#25 | 21.19 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#50 | 21.21 |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | 21.24 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0   | 21.43 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#49  | 21.37 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#99  | 21.59 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#0  | 20.48 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#25 | 20.48 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#50 | 20.55 |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 20.55 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | 21.75 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#49  | 21.23 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#99  | 21.19 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#0  | 20.79 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#25 | 20.74 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#50 | 20.70 |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 20.80 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 23.05 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#2   | 23.08 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5   | 23.05 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#0   | 23.55 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#1   | 23.54 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#3   | 23.57 |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 22.44 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 22.66 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#2   | 22.55 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#5   | 22.53 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#0   | 23.08 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#1   | 23.06 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#3   | 23.06 |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 21.90 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 22.61 |

|        |        |       |       |        |       |
|--------|--------|-------|-------|--------|-------|
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#2  | 22.67 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5  | 22.63 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#0  | 23.14 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#1  | 23.13 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#3  | 23.11 |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | 21.99 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0  | 23.39 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2  | 23.43 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5  | 23.46 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0  | 22.47 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1  | 22.45 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3  | 22.43 |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0  | 21.96 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0  | 23.01 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2  | 23.00 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5  | 22.98 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0  | 21.98 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1  | 21.96 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3  | 21.92 |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 21.37 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 23.12 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 23.03 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 23.06 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 22.05 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 22.04 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 22.04 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.44 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 22.30 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 22.36 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 22.38 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 21.77 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 21.77 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 21.79 |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 21.80 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 22.77 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 22.80 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 22.86 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 21.89 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band12 | 3MHz | QPSK  | 23095 | 8RB#4   | 21.88 |
| Band12 | 3MHz | QPSK  | 23095 | 8RB#7   | 21.88 |
| Band12 | 3MHz | QPSK  | 23095 | 15RB#0  | 21.82 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0   | 22.57 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#8   | 22.50 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14  | 22.49 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#0   | 21.98 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#4   | 21.97 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#7   | 21.96 |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0  | 21.96 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0   | 21.97 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8   | 22.05 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14  | 22.03 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#0   | 21.26 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#4   | 21.26 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#7   | 21.27 |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0  | 21.09 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0   | 22.56 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8   | 22.58 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14  | 22.49 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0   | 21.38 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4   | 21.38 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7   | 21.38 |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0  | 20.96 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0   | 22.21 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8   | 22.26 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 22.23 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 21.43 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 21.42 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 21.45 |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 21.23 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 22.61 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 22.64 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 22.68 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 21.73 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 21.74 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 21.82 |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 21.74 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#0   | 22.66 |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#12  | 22.65 |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#24  | 22.64 |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#0  | 21.90 |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#6  | 21.92 |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#13 | 21.94 |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0  | 21.85 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0   | 22.86 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#12  | 22.87 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#24  | 22.84 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#0  | 21.99 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#6  | 21.99 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#13 | 21.96 |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0  | 21.98 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#0   | 21.98 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#12  | 22.03 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#24  | 22.07 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 21.03 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 21.02 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 21.06 |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 20.96 |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 22.44 |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 22.40 |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 22.37 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 21.28 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 21.29 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 21.24 |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 21.08 |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 22.20 |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 22.20 |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 22.17 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 21.24 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 21.25 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 21.19 |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 21.21 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 22.29 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 22.42 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 22.38 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 21.72 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 21.71 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 21.80 |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 21.73 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 22.80 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 22.78 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 22.74 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 21.87 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 21.84 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 21.83 |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 21.81 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 22.66 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 22.62 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 22.57 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 22.02 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 21.97 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 21.94 |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 21.99 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 22.00 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 22.16 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 22.10 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 21.01 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.04 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.11 |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 21.09 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 22.51 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 22.53 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 22.44 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 21.20 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.19 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.17 |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 21.20 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 22.31 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 22.25 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 22.23 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 21.29 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.28 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.20 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 21.27 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#0   | 22.69 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#12  | 22.73 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#24  | 22.74 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#0  | 21.81 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#6  | 21.83 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#13 | 21.86 |
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0  | 21.77 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#0   | 22.67 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#12  | 22.64 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#24  | 22.62 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#0  | 21.86 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#6  | 21.86 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#13 | 21.84 |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0  | 21.79 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#0   | 22.90 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#12  | 22.85 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#24  | 22.86 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#0  | 21.97 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#6  | 21.98 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#13 | 22.00 |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 21.99 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0   | 22.06 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#12  | 21.99 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#24  | 22.07 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#0  | 21.07 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#6  | 21.10 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#13 | 21.10 |
| Band17 | 5MHz  | 16QAM | 23755 | 25RB#0  | 21.09 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0   | 22.38 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#12  | 22.44 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#24  | 22.31 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#0  | 21.25 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#6  | 21.25 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#13 | 21.21 |
| Band17 | 5MHz  | 16QAM | 23790 | 25RB#0  | 21.10 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0   | 22.18 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#12  | 22.19 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#24  | 22.21 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 21.22 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 21.18 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 21.24 |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 21.27 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 22.42 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 22.47 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 22.46 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 21.77 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 21.80 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 21.74 |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 21.79 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 22.88 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 22.78 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 22.87 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 21.80 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 21.80 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 21.76 |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 21.80 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 22.70 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 22.55 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 22.56 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 22.01 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 21.99 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 21.99 |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 21.98 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 22.12 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 22.17 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 22.03 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 21.12 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 21.10 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 21.08 |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 21.13 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 22.51 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 22.53 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 22.54 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 21.19 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 21.20 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band17 | 10MHz  | 16QAM | 23790 | 25RB#25 | 21.15 |
| Band17 | 10MHz  | 16QAM | 23790 | 50RB#0  | 21.18 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#0   | 22.26 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#24  | 22.23 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#49  | 22.27 |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#0  | 21.28 |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#12 | 21.30 |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#25 | 21.24 |
| Band17 | 10MHz  | 16QAM | 23800 | 50RB#0  | 21.28 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#0   | 22.98 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#2   | 22.99 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#5   | 23.04 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#0   | 23.58 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#1   | 23.54 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#3   | 23.57 |
| Band25 | 1.4MHz | QPSK  | 26047 | 6RB#0   | 22.29 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#0   | 23.62 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#2   | 23.60 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#5   | 23.61 |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#0   | 24.09 |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#1   | 24.27 |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#3   | 24.27 |
| Band25 | 1.4MHz | QPSK  | 26365 | 6RB#0   | 22.92 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#0   | 23.76 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#2   | 23.56 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#5   | 23.55 |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#0   | 24.11 |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#1   | 24.05 |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#3   | 24.30 |
| Band25 | 1.4MHz | QPSK  | 26683 | 6RB#0   | 22.88 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0   | 23.26 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#2   | 23.30 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#5   | 23.30 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#0   | 22.33 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#1   | 22.34 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#3   | 22.31 |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0   | 21.94 |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#0   | 23.89 |

|        |        |       |       |        |       |
|--------|--------|-------|-------|--------|-------|
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#2  | 23.87 |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#5  | 23.89 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#0  | 22.93 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#1  | 22.92 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#3  | 22.91 |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0  | 22.48 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0  | 23.74 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#2  | 23.62 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5  | 23.57 |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#0  | 22.91 |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#1  | 22.93 |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#3  | 22.80 |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0  | 22.47 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#0  | 22.85 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#8  | 22.86 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#14 | 22.91 |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#0  | 22.28 |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#4  | 22.25 |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#7  | 22.28 |
| Band25 | 3MHz   | QPSK  | 26055 | 15RB#0 | 22.31 |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#0  | 23.49 |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#8  | 23.51 |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#14 | 23.49 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#0  | 22.86 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#4  | 22.86 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#7  | 22.86 |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0 | 22.86 |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#0  | 23.51 |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#8  | 23.33 |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#14 | 23.38 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#0  | 22.86 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#4  | 22.87 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#7  | 22.89 |
| Band25 | 3MHz   | QPSK  | 26675 | 15RB#0 | 22.93 |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#0  | 22.50 |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#8  | 22.51 |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#14 | 22.56 |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#0  | 21.81 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band25 | 3MHz | 16QAM | 26055 | 8RB#4   | 21.84 |
| Band25 | 3MHz | 16QAM | 26055 | 8RB#7   | 21.89 |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0  | 21.75 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0   | 23.13 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8   | 23.09 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14  | 23.07 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#0   | 22.46 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#4   | 22.49 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#7   | 22.41 |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0  | 22.27 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0   | 23.19 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8   | 23.16 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14  | 23.00 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#0   | 22.48 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#4   | 22.47 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#7   | 22.35 |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0  | 22.29 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#0   | 23.15 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#12  | 23.24 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#24  | 23.27 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#0  | 22.30 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#6  | 22.25 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#13 | 22.33 |
| Band25 | 5MHz | QPSK  | 26065 | 25RB#0  | 22.27 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#0   | 23.82 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#12  | 23.75 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#24  | 23.75 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#0  | 22.87 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#6  | 22.86 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#13 | 22.87 |
| Band25 | 5MHz | QPSK  | 26365 | 25RB#0  | 22.86 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#0   | 23.82 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#12  | 23.70 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#24  | 23.62 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#0  | 22.97 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#6  | 22.99 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#13 | 22.95 |
| Band25 | 5MHz | QPSK  | 26665 | 25RB#0  | 23.06 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#0   | 22.47 |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#12  | 22.54 |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#24  | 22.63 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#0  | 21.63 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#6  | 21.64 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#13 | 21.64 |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0  | 21.64 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0   | 23.07 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#12  | 23.07 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#24  | 23.08 |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#0  | 22.21 |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#6  | 22.19 |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#13 | 22.15 |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0  | 22.16 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0   | 23.14 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#12  | 23.25 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#24  | 22.94 |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#0  | 22.40 |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#6  | 22.41 |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#13 | 22.29 |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 22.34 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 22.83 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24  | 23.03 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49  | 23.00 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#0  | 22.24 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#12 | 22.25 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#25 | 22.33 |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 22.29 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 23.55 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24  | 23.50 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49  | 23.41 |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#0  | 22.84 |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#12 | 22.84 |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#25 | 22.78 |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 22.81 |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 23.32 |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24  | 23.19 |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49  | 23.08 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 10MHz | QPSK  | 26640 | 25RB#0  | 22.68 |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#12 | 22.70 |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#25 | 22.62 |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 22.64 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 22.50 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24  | 22.67 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49  | 22.68 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#0  | 21.65 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#12 | 21.66 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#25 | 21.71 |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 21.68 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 23.18 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24  | 23.14 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49  | 23.06 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#0  | 22.20 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#12 | 22.20 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#25 | 22.19 |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 22.21 |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 23.05 |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 22.93 |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 22.76 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#0  | 22.02 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#12 | 22.02 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#25 | 21.97 |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 21.98 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 22.86 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 22.98 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 23.04 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#0  | 22.57 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#18 | 22.65 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#37 | 22.63 |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 22.34 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 23.49 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 23.46 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 23.36 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#0  | 23.12 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#18 | 23.10 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#37 | 23.02 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 22.81 |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 23.40 |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 23.16 |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 22.91 |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#0  | 23.09 |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#18 | 22.98 |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#37 | 22.79 |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 22.68 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 22.55 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 22.69 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 22.68 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#0  | 22.54 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#18 | 22.66 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#37 | 22.63 |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 21.64 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 23.15 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 23.10 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 23.03 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#0  | 23.12 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#18 | 23.12 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#37 | 23.05 |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 22.18 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 23.08 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 22.96 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 22.80 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#0  | 23.10 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#18 | 22.98 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#37 | 22.78 |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 22.00 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 23.35 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 23.49 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 23.49 |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#0  | 22.31 |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#25 | 22.28 |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#50 | 22.36 |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 22.42 |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 23.97 |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 23.88 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band25 | 20MHz  | QPSK  | 26365 | 1RB#99  | 23.79 |
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#0  | 22.86 |
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#25 | 22.85 |
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#50 | 22.77 |
| Band25 | 20MHz  | QPSK  | 26365 | 100RB#0 | 22.83 |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#0   | 23.91 |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#49  | 23.87 |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#99  | 23.62 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#0  | 22.78 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#25 | 22.77 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#50 | 22.69 |
| Band25 | 20MHz  | QPSK  | 26590 | 100RB#0 | 22.77 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#0   | 22.39 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#49  | 22.44 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#99  | 22.48 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#0  | 21.62 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#25 | 21.58 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#50 | 21.64 |
| Band25 | 20MHz  | 16QAM | 26140 | 100RB#0 | 21.67 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#0   | 23.03 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#49  | 22.90 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#99  | 22.82 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#0  | 22.16 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#25 | 22.15 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#50 | 22.06 |
| Band25 | 20MHz  | 16QAM | 26365 | 100RB#0 | 22.15 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#0   | 22.93 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#49  | 22.89 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#99  | 22.64 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#0  | 22.06 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#25 | 22.05 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#50 | 21.96 |
| Band25 | 20MHz  | 16QAM | 26590 | 100RB#0 | 22.07 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#0   | 22.16 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#2   | 22.19 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#5   | 22.17 |
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#0   | 22.69 |
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#1   | 22.68 |

|        |        |       |       |       |       |
|--------|--------|-------|-------|-------|-------|
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#3 | 22.90 |
| Band26 | 1.4MHz | QPSK  | 26797 | 6RB#0 | 21.42 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#0 | 22.70 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#2 | 22.71 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#5 | 22.75 |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#0 | 23.17 |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#1 | 23.23 |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#3 | 23.21 |
| Band26 | 1.4MHz | QPSK  | 26915 | 6RB#0 | 21.96 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#0 | 23.43 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#2 | 23.09 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#5 | 23.06 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#0 | 23.69 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#1 | 23.69 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#3 | 23.61 |
| Band26 | 1.4MHz | QPSK  | 27033 | 6RB#0 | 22.40 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#0 | 22.43 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#2 | 22.42 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#5 | 22.43 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#0 | 21.43 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#1 | 21.43 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#3 | 21.44 |
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 21.11 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#0 | 23.04 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#2 | 23.04 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#5 | 22.97 |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#0 | 21.99 |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#1 | 22.03 |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#3 | 21.96 |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 21.62 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#0 | 23.42 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#2 | 23.24 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#5 | 23.18 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#0 | 22.45 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#1 | 22.43 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#3 | 22.24 |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 22.08 |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#0 | 22.04 |

|        |      |       |       |        |       |
|--------|------|-------|-------|--------|-------|
| Band26 | 3MHz | QPSK  | 26805 | 1RB#8  | 22.04 |
| Band26 | 3MHz | QPSK  | 26805 | 1RB#14 | 22.10 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#0  | 21.32 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#4  | 21.42 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#7  | 21.44 |
| Band26 | 3MHz | QPSK  | 26805 | 15RB#0 | 21.41 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#0  | 22.54 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#8  | 22.50 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#14 | 22.40 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#0  | 21.89 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#4  | 21.88 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#7  | 21.94 |
| Band26 | 3MHz | QPSK  | 26915 | 15RB#0 | 21.98 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#0  | 23.03 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#8  | 22.79 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#14 | 22.88 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#0  | 22.43 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#4  | 22.41 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#7  | 22.39 |
| Band26 | 3MHz | QPSK  | 27025 | 15RB#0 | 22.38 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#0  | 21.65 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#8  | 21.63 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#14 | 21.64 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#0  | 21.00 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#4  | 21.01 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#7  | 21.10 |
| Band26 | 3MHz | 16QAM | 26805 | 15RB#0 | 20.91 |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#0  | 22.27 |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#8  | 22.17 |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#14 | 22.10 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#0  | 21.55 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#4  | 21.55 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#7  | 21.57 |
| Band26 | 3MHz | 16QAM | 26915 | 15RB#0 | 21.41 |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#0  | 22.77 |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#8  | 22.67 |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#14 | 22.43 |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#0  | 21.94 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band26 | 3MHz | 16QAM | 27025 | 8RB#4   | 21.90 |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#7   | 22.03 |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0  | 21.75 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#0   | 22.35 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#12  | 22.39 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#24  | 22.40 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#0  | 21.42 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#6  | 21.43 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#13 | 21.49 |
| Band26 | 5MHz | QPSK  | 26815 | 25RB#0  | 21.41 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#0   | 22.88 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#12  | 22.96 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#24  | 22.81 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#0  | 22.05 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#6  | 22.04 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#13 | 21.93 |
| Band26 | 5MHz | QPSK  | 26915 | 25RB#0  | 21.92 |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#0   | 23.36 |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#12  | 23.27 |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#24  | 23.07 |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#0  | 22.35 |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#6  | 22.34 |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#13 | 22.38 |
| Band26 | 5MHz | QPSK  | 27015 | 25RB#0  | 22.30 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0   | 21.59 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#12  | 21.60 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#24  | 21.62 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#0  | 20.91 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#6  | 20.89 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#13 | 20.92 |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0  | 20.88 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#0   | 22.22 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#12  | 22.15 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#24  | 22.09 |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#0  | 21.37 |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#6  | 21.37 |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#13 | 21.32 |
| Band26 | 5MHz | 16QAM | 26915 | 25RB#0  | 21.39 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#0   | 22.72 |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#12  | 22.70 |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#24  | 22.37 |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#0  | 21.80 |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#6  | 21.79 |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#13 | 21.78 |
| Band26 | 5MHz  | 16QAM | 27015 | 25RB#0  | 21.77 |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#0   | 22.06 |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#24  | 22.18 |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#49  | 22.15 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#0  | 21.39 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#12 | 21.42 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#25 | 21.47 |
| Band26 | 10MHz | QPSK  | 26840 | 50RB#0  | 21.49 |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#0   | 22.67 |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#24  | 22.49 |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#49  | 22.57 |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#0  | 21.94 |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#12 | 21.94 |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#25 | 21.89 |
| Band26 | 10MHz | QPSK  | 26915 | 50RB#0  | 21.96 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#0   | 22.60 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#24  | 22.90 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#49  | 22.62 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#0  | 22.12 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#12 | 22.13 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#25 | 22.24 |
| Band26 | 10MHz | QPSK  | 26990 | 50RB#0  | 22.13 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0   | 21.69 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#24  | 21.76 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#49  | 21.77 |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#0  | 20.95 |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#12 | 20.93 |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#25 | 20.99 |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0  | 20.98 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0   | 22.24 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#24  | 22.20 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#49  | 22.18 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 10MHz | 16QAM | 26915 | 25RB#0  | 21.42 |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#12 | 21.42 |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#25 | 21.34 |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0  | 21.39 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0   | 22.41 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#24  | 22.40 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49  | 22.51 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#0  | 21.62 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#12 | 21.62 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#25 | 21.73 |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0  | 21.58 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#0   | 22.39 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#38  | 22.65 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#74  | 22.51 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#0  | 22.13 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#18 | 22.22 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#37 | 22.14 |
| Band26 | 15MHz | QPSK  | 26865 | 75RB#0  | 21.99 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#0   | 22.90 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#38  | 22.69 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#74  | 22.89 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#0  | 22.24 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#18 | 22.31 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#37 | 22.19 |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0  | 21.97 |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#0   | 22.87 |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#38  | 22.83 |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#74  | 22.76 |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#0  | 22.47 |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#18 | 22.42 |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#37 | 22.58 |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0  | 22.17 |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0   | 22.15 |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#38  | 22.27 |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#74  | 22.13 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#0  | 22.13 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#18 | 22.21 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#37 | 22.14 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0  | 21.40 |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#0   | 22.25 |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#38  | 22.31 |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#74  | 22.20 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#0  | 22.24 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#18 | 22.29 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#37 | 22.18 |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0  | 21.45 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#0   | 22.49 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#38  | 22.44 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#74  | 22.57 |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#0  | 22.48 |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#18 | 22.42 |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#37 | 22.57 |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0  | 21.58 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#0   | 22.42 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#12  | 22.42 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#24  | 22.53 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#0  | 21.53 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#6  | 21.50 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#13 | 21.62 |
| Band38 | 5MHz  | QPSK  | 37775 | 25RB#0  | 21.50 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#0   | 23.07 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#12  | 22.77 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#24  | 22.88 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#0  | 22.07 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#6  | 22.07 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#13 | 21.96 |
| Band38 | 5MHz  | QPSK  | 38000 | 25RB#0  | 21.99 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0   | 22.28 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#12  | 22.25 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#24  | 22.29 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#0  | 21.27 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#6  | 21.27 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#13 | 21.28 |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0  | 21.34 |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#0   | 21.54 |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#12  | 21.54 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#24  | 21.65 |
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#0  | 20.62 |
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#6  | 20.59 |
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#13 | 20.72 |
| Band38 | 5MHz  | 16QAM | 37775 | 25RB#0  | 20.62 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#0   | 22.14 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#12  | 21.89 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#24  | 21.99 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#0  | 21.18 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#6  | 21.17 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#13 | 21.05 |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 21.11 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 21.32 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 21.35 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 21.30 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 20.36 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 20.35 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 20.43 |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 20.46 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 22.57 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 22.63 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 22.81 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 21.75 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 21.71 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 21.90 |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 21.75 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 23.11 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 22.85 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 22.94 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 22.18 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 22.17 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 22.12 |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 22.11 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 22.41 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 22.16 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 22.44 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 21.22 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 21.21 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 21.47 |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 21.29 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 21.82 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 21.89 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 22.11 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 20.83 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 20.79 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 20.96 |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 20.86 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 22.34 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 22.14 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 22.23 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 21.27 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.26 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.21 |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 21.21 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 21.62 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 21.42 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 21.62 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 20.31 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 20.29 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 20.55 |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 20.39 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 22.60 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 22.50 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 23.00 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 21.74 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 21.70 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 22.25 |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 21.77 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 23.28 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 22.68 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 22.92 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 22.49 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 21.89 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 22.18 |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 21.98 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 22.34 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 21.79 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 22.47 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 21.47 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 20.99 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 21.63 |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 21.21 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 21.85 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 21.81 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.32 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.72 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.70 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 22.24 |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 20.82 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.57 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 21.94 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.21 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 22.49 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.88 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 22.17 |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 21.07 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 21.55 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 21.03 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 21.65 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.47 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 20.99 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.62 |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 20.29 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 22.77 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 23.09 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 23.40 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 22.13 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 22.09 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 22.41 |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 22.09 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 23.40 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 23.08 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 22.96 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 22.44 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 22.40 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 22.25 |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.24 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 22.46 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 22.03 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 22.33 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 21.17 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 21.16 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 21.19 |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 21.20 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 21.85 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 22.11 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 22.54 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.19 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.16 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.46 |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.17 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 22.52 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 22.18 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 22.04 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 21.53 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.48 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.33 |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.32 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 21.51 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 21.10 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 21.33 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 20.28 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 20.24 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 20.26 |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 20.27 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#0   | 24.25 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#12  | 24.10 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#24  | 24.10 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#0  | 23.17 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#6  | 23.17 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#13 | 23.17 |
| Band39 | 5MHz  | QPSK  | 38275 | 25RB#0  | 23.16 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#0   | 23.70 |
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#12  | 23.61 |
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#24  | 23.65 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#0  | 22.66 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#6  | 22.65 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#13 | 22.65 |
| Band39 | 5MHz  | QPSK  | 38400 | 25RB#0  | 22.65 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#0   | 23.89 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#12  | 23.79 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#24  | 23.78 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#0  | 22.84 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#6  | 22.84 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#13 | 22.83 |
| Band39 | 5MHz  | QPSK  | 38525 | 25RB#0  | 22.83 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#0   | 23.34 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#12  | 23.18 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#24  | 23.18 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#0  | 22.27 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#6  | 22.26 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#13 | 22.27 |
| Band39 | 5MHz  | 16QAM | 38275 | 25RB#0  | 22.28 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#0   | 22.75 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#12  | 22.68 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#24  | 22.72 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#0  | 21.76 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#6  | 21.75 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#13 | 21.75 |
| Band39 | 5MHz  | 16QAM | 38400 | 25RB#0  | 21.76 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#0   | 22.94 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#12  | 22.86 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#24  | 22.85 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#0  | 21.94 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#6  | 21.93 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#13 | 21.93 |
| Band39 | 5MHz  | 16QAM | 38525 | 25RB#0  | 21.95 |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#0   | 24.31 |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#24  | 24.07 |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#49  | 24.19 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 10MHz | QPSK  | 38300 | 25RB#0  | 23.27 |
| Band39 | 10MHz | QPSK  | 38300 | 25RB#12 | 23.26 |
| Band39 | 10MHz | QPSK  | 38300 | 25RB#25 | 23.20 |
| Band39 | 10MHz | QPSK  | 38300 | 50RB#0  | 23.19 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#0   | 23.85 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#24  | 23.58 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#49  | 23.71 |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#0  | 22.71 |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#12 | 22.71 |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#25 | 22.71 |
| Band39 | 10MHz | QPSK  | 38400 | 50RB#0  | 22.70 |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#0   | 24.08 |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#24  | 23.81 |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#49  | 23.94 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#0  | 22.99 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#12 | 22.99 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#25 | 22.94 |
| Band39 | 10MHz | QPSK  | 38500 | 50RB#0  | 22.93 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#0   | 23.58 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#24  | 23.33 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#49  | 23.46 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#0  | 22.35 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#12 | 22.34 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#25 | 22.29 |
| Band39 | 10MHz | 16QAM | 38300 | 50RB#0  | 22.27 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#0   | 23.09 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#24  | 22.84 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#49  | 22.97 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#0  | 21.80 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#12 | 21.79 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#25 | 21.80 |
| Band39 | 10MHz | 16QAM | 38400 | 50RB#0  | 21.78 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#0   | 23.33 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#24  | 23.07 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#49  | 23.20 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#0  | 22.08 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#12 | 22.07 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#25 | 22.03 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 10MHz | 16QAM | 38500 | 50RB#0  | 22.02 |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#0   | 24.43 |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#38  | 23.95 |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#74  | 24.24 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#0  | 23.68 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#18 | 23.19 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#37 | 23.50 |
| Band39 | 15MHz | QPSK  | 38325 | 75RB#0  | 23.14 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#0   | 24.00 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#38  | 23.52 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#74  | 23.83 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#0  | 23.22 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#18 | 22.76 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#37 | 23.09 |
| Band39 | 15MHz | QPSK  | 38400 | 75RB#0  | 22.71 |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#0   | 24.28 |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#38  | 23.82 |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#74  | 24.08 |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#0  | 23.51 |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#18 | 23.06 |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#37 | 23.34 |
| Band39 | 15MHz | QPSK  | 38475 | 75RB#0  | 23.01 |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#0   | 23.71 |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#38  | 23.22 |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#74  | 23.52 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#0  | 23.68 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#18 | 23.19 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#37 | 23.50 |
| Band39 | 15MHz | 16QAM | 38325 | 75RB#0  | 22.20 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#0   | 23.25 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#38  | 22.78 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#74  | 23.10 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#0  | 23.22 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#18 | 22.76 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#37 | 23.09 |
| Band39 | 15MHz | 16QAM | 38400 | 75RB#0  | 21.78 |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#0   | 23.53 |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#38  | 23.08 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 15MHz | 16QAM | 38475 | 1RB#74  | 23.35 |
| Band39 | 15MHz | 16QAM | 38475 | 38RB#0  | 23.51 |
| Band39 | 15MHz | 16QAM | 38475 | 38RB#18 | 23.06 |
| Band39 | 15MHz | 16QAM | 38475 | 38RB#37 | 23.34 |
| Band39 | 15MHz | 16QAM | 38475 | 75RB#0  | 22.08 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#0   | 24.27 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#49  | 23.95 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#99  | 24.02 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#0  | 23.24 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#25 | 23.23 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#50 | 23.10 |
| Band39 | 20MHz | QPSK  | 38350 | 100RB#0 | 23.18 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#0   | 23.87 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#49  | 23.52 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#99  | 23.61 |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#0  | 22.83 |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#25 | 22.82 |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#50 | 22.69 |
| Band39 | 20MHz | QPSK  | 38400 | 100RB#0 | 22.78 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#0   | 23.89 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#49  | 23.57 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#99  | 23.63 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#0  | 22.84 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#25 | 22.83 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#50 | 22.70 |
| Band39 | 20MHz | QPSK  | 38450 | 100RB#0 | 22.77 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#0   | 23.39 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#49  | 23.05 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#99  | 23.13 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#0  | 22.34 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#25 | 22.33 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#50 | 22.20 |
| Band39 | 20MHz | 16QAM | 38350 | 100RB#0 | 22.28 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#0   | 22.98 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#49  | 22.62 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#99  | 22.73 |
| Band39 | 20MHz | 16QAM | 38400 | 50RB#0  | 21.93 |
| Band39 | 20MHz | 16QAM | 38400 | 50RB#25 | 21.92 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 20MHz | 16QAM | 38400 | 50RB#50 | 21.79 |
| Band39 | 20MHz | 16QAM | 38400 | 100RB#0 | 21.88 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#0   | 23.00 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#49  | 22.66 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#99  | 22.74 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#0  | 21.94 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#25 | 21.92 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#50 | 21.79 |
| Band39 | 20MHz | 16QAM | 38450 | 100RB#0 | 21.86 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#0   | 25.20 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#12  | 24.96 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#24  | 24.74 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#0  | 24.06 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#6  | 24.04 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#13 | 23.91 |
| Band41 | 5MHz  | QPSK  | 40265 | 25RB#0  | 23.95 |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#0   | 24.27 |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#12  | 24.02 |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#24  | 23.93 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#0  | 22.99 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#6  | 23.00 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#13 | 22.97 |
| Band41 | 5MHz  | QPSK  | 40740 | 25RB#0  | 23.00 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#0   | 23.97 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#12  | 23.65 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#24  | 23.72 |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#0  | 22.37 |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#6  | 22.38 |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#13 | 22.33 |
| Band41 | 5MHz  | QPSK  | 41265 | 25RB#0  | 22.35 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#0   | 24.29 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#12  | 24.08 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#24  | 23.84 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#0  | 23.16 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#6  | 23.14 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#13 | 23.01 |
| Band41 | 5MHz  | 16QAM | 40265 | 25RB#0  | 23.08 |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#0   | 23.25 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#12  | 23.08 |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#24  | 22.99 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#0  | 22.16 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#6  | 22.15 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#13 | 22.13 |
| Band41 | 5MHz  | 16QAM | 40740 | 25RB#0  | 22.19 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#0   | 22.61 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#12  | 22.39 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#24  | 22.44 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#0  | 21.45 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#6  | 21.45 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#13 | 21.39 |
| Band41 | 5MHz  | 16QAM | 41265 | 25RB#0  | 21.44 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#0   | 24.86 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#24  | 24.39 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#49  | 24.30 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#0  | 23.65 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#12 | 23.65 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#25 | 23.44 |
| Band41 | 10MHz | QPSK  | 40290 | 50RB#0  | 23.50 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#0   | 23.99 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#24  | 23.66 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#49  | 23.63 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#0  | 22.74 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#12 | 22.77 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#25 | 22.69 |
| Band41 | 10MHz | QPSK  | 40740 | 50RB#0  | 22.77 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#0   | 23.67 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#24  | 23.49 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#49  | 23.96 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#0  | 22.14 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#12 | 22.13 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#25 | 22.50 |
| Band41 | 10MHz | QPSK  | 41290 | 50RB#0  | 22.31 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0   | 23.94 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#24  | 23.59 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#49  | 23.50 |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#0  | 22.79 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 10MHz | 16QAM | 40290 | 25RB#12 | 22.78 |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#25 | 22.58 |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0  | 22.63 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#0   | 23.19 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#24  | 22.91 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#49  | 22.89 |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#0  | 21.91 |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#12 | 21.92 |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#25 | 21.84 |
| Band41 | 10MHz | 16QAM | 40740 | 50RB#0  | 21.93 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#0   | 22.46 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#24  | 22.40 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#49  | 22.90 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#0  | 21.18 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#12 | 21.18 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#25 | 21.53 |
| Band41 | 10MHz | 16QAM | 41290 | 50RB#0  | 21.36 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#0   | 24.31 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#38  | 23.73 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#74  | 23.87 |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#0  | 23.46 |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#18 | 23.02 |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#37 | 23.11 |
| Band41 | 15MHz | QPSK  | 40315 | 75RB#0  | 22.88 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#0   | 24.06 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#38  | 23.54 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#74  | 23.55 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#0  | 23.18 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#18 | 22.78 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#37 | 22.82 |
| Band41 | 15MHz | QPSK  | 40740 | 75RB#0  | 22.71 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#0   | 23.95 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#38  | 24.07 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#74  | 22.65 |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#0  | 22.72 |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#18 | 22.96 |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#37 | 21.83 |
| Band41 | 15MHz | QPSK  | 41315 | 75RB#0  | 22.62 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0   | 23.49 |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#38  | 23.03 |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#74  | 23.13 |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#0  | 23.44 |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#18 | 23.02 |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#37 | 23.12 |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0  | 22.00 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#0   | 23.24 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#38  | 22.78 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#74  | 22.81 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#0  | 23.20 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#18 | 22.77 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#37 | 22.82 |
| Band41 | 15MHz | 16QAM | 40740 | 75RB#0  | 21.84 |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#0   | 22.72 |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#38  | 22.98 |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#74  | 21.81 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#0  | 22.70 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#18 | 22.97 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#37 | 21.84 |
| Band41 | 15MHz | 16QAM | 41315 | 75RB#0  | 21.64 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#0   | 24.04 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#49  | 23.76 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#99  | 23.79 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#0  | 22.93 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#25 | 22.91 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#50 | 22.85 |
| Band41 | 20MHz | QPSK  | 40340 | 100RB#0 | 22.88 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#0   | 23.77 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#49  | 23.55 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#99  | 23.19 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#0  | 22.77 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#25 | 22.79 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#50 | 22.53 |
| Band41 | 20MHz | QPSK  | 40740 | 100RB#0 | 22.76 |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0   | 24.33 |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#49  | 23.72 |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#99  | 23.38 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 20MHz | QPSK  | 41140 | 50RB#0  | 23.22 |
| Band41 | 20MHz | QPSK  | 41140 | 50RB#25 | 23.30 |
| Band41 | 20MHz | QPSK  | 41140 | 50RB#50 | 22.45 |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | 22.90 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0   | 23.27 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#49  | 23.06 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#99  | 23.06 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#0  | 22.05 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#25 | 22.04 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#50 | 21.95 |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 21.99 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#0   | 22.84 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#49  | 22.66 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#99  | 22.28 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#0  | 21.90 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#25 | 21.91 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#50 | 21.69 |
| Band41 | 20MHz | 16QAM | 40740 | 100RB#0 | 21.92 |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0   | 23.41 |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#49  | 22.82 |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99  | 22.06 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#0  | 22.36 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#25 | 22.39 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#50 | 21.54 |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 22.03 |

**Effective (Isotropic) Radiated Power Output Data**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) |
|-------|-----------|------------|---------|------------------|-------------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 22.91       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 22.9        |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 22.93       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.38       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.38       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.38       |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 22.37       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.45       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.48       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.55       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 23.99       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 24          |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 23.94       |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 22.98       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 23.25       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 23.33       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 23.25       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 23.65       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 23.66       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 23.67       |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 22.66       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 23.15       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 23.17       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 23.17       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 22.25       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 22.22       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 22.28       |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.56       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 23.78       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 23.81       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 23.87       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 22.85       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 22.85       |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#3            | 22.84       |

|       |        |       |       |        |       |
|-------|--------|-------|-------|--------|-------|
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 22.23 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 23.65 |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 23.5  |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 23.45 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 22.66 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 22.65 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 22.63 |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 22    |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 22.91 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 22.94 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 22.95 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 22.17 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 22.16 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 22.2  |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 22.16 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 23.29 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 23.27 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 23.33 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 22.86 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 22.86 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 22.89 |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 22.85 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 22.99 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 22.99 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 22.87 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 22.6  |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 22.59 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 22.59 |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 22.57 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 22.78 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 22.84 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 22.73 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 21.59 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 21.6  |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 21.6  |
| Band2 | 3MHz   | 16QAM | 18615 | 15RB#0 | 21.09 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#0  | 22.99 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#8  | 22.99 |

|       |      |       |       |         |       |
|-------|------|-------|-------|---------|-------|
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 23.01 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 22.17 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 22.18 |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 22.17 |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 21.99 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 22.81 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 22.83 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 22.78 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 21.94 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 21.9  |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 21.94 |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 21.76 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 22.79 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 22.86 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 22.78 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 22.18 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 22.2  |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 22.21 |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 22.17 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 23.51 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 23.54 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 23.55 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 22.81 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 22.81 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 22.83 |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 22.83 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 23.25 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 23.21 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 23.33 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 22.57 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 22.58 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 22.57 |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 22.57 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 22.63 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 22.64 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 22.67 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 21.49 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6  | 21.49 |



|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 21.39 |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 21.27 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 23.01 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 23.03 |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 23.03 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 21.94 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 21.95 |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 21.96 |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 21.94 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 22.78 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 22.74 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 22.74 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 21.72 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 21.73 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 21.77 |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 21.76 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 22.83 |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 22.8  |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 22.76 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 22.12 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 22.14 |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 22.07 |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 22.01 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 23.31 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 23.24 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 23.15 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 22.83 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 22.84 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 22.85 |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 22.82 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.97 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.98 |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 22.79 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 22.61 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 22.58 |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 22.56 |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 22.57 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 22.78 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 22.63 |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 22.58 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 21.3  |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 21.29 |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 21.28 |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 21.25 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 23.07 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 23.1  |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 23.17 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 21.88 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 21.85 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 21.87 |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 21.88 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 22.88 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 22.88 |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 22.86 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 21.64 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 21.63 |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 21.66 |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 21.65 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 22.77 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 22.69 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 22.65 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 22.74 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 22.68 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 22.69 |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 22.02 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 23.28 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 23.23 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 23.31 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 23.29 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 23.17 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 23.32 |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 22.82 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 23.07 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 22.98 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.82 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 23.08 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 22.98 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 22.84 |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 22.59 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 22.5  |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 22.39 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 22.4  |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 22.49 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 22.37 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 22.38 |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 21.15 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 23.06 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 23.04 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 23.14 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 23.01 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 23.03 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 23.15 |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 21.87 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 22.88 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 22.79 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 22.8  |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 22.92 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 22.83 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 22.82 |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 21.64 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 23.03 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 22.94 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 23.05 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 22.01 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 21.97 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 21.96 |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 21.95 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 23.44 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 23.41 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 23.47 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 22.83 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 22.83 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 22.83 |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 22.85 |

|       |        |       |       |         |       |
|-------|--------|-------|-------|---------|-------|
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#0   | 23.19 |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#49  | 23.06 |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#99  | 23.02 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#0  | 22.16 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#25 | 22.16 |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#50 | 22.09 |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 22.11 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#0   | 22.66 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#49  | 22.49 |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#99  | 22.68 |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#0  | 21.2  |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#25 | 21.21 |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#50 | 21.25 |
| Band2 | 20MHz  | 16QAM | 18700 | 100RB#0 | 21.14 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#0   | 22.94 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#49  | 22.81 |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#99  | 22.86 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#0  | 21.86 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#25 | 21.87 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#50 | 21.9  |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 21.9  |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 22.32 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#49  | 22.28 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#99  | 22.17 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#0  | 21.26 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#25 | 21.25 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#50 | 21.2  |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 21.27 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 27.03 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#2   | 27.05 |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | 27.02 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#0   | 27.48 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1   | 27.48 |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3   | 27.48 |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 26.35 |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 27.07 |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2   | 27.12 |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5   | 27.09 |

|       |        |       |       |        |       |
|-------|--------|-------|-------|--------|-------|
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0  | 27.64 |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1  | 27.62 |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3  | 27.61 |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0  | 26.51 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0  | 27.62 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2  | 27.58 |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5  | 27.8  |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0  | 28.41 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1  | 28.37 |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3  | 28.13 |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | 26.73 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 27.19 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 27.19 |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 27.18 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 26.34 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 26.33 |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 26.29 |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 25.81 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 27.27 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 27.31 |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 27.29 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 26.52 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 26.52 |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 26.45 |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 26.06 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 27.82 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 27.99 |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 27.82 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 26.83 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 26.85 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 26.93 |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 26.48 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 26.56 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 26.53 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 26.55 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 25.95 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 25.88 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 25.98 |

|       |      |       |       |        |       |
|-------|------|-------|-------|--------|-------|
| Band5 | 3MHz | QPSK  | 20415 | 15RB#0 | 25.93 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#0  | 26.86 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#8  | 26.93 |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#14 | 26.86 |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#0  | 26.38 |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#4  | 26.4  |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#7  | 26.37 |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | 26.38 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0  | 27.47 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8  | 27.44 |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14 | 27.13 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0  | 26.86 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4  | 26.85 |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7  | 26.71 |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | 26.83 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 26.24 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 26.23 |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 26.21 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 25.57 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 25.59 |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 25.57 |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 25.43 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 26.61 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 26.54 |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 26.57 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 25.95 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 25.94 |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 25.91 |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 25.73 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0  | 27.14 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8  | 27.03 |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 27    |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0  | 26.39 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4  | 26.37 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7  | 26.38 |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 26.27 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0  | 26.82 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12 | 27.03 |

|       |      |       |       |         |       |
|-------|------|-------|-------|---------|-------|
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 27    |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 25.99 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 25.96 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 26    |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 25.98 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 27.26 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 27.2  |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 27.14 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 26.39 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 26.39 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 26.34 |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 26.38 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 27.77 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 27.72 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 27.71 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 26.84 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 26.82 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 26.86 |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 26.77 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 26.17 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 26.19 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 26.19 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 25.36 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 25.38 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 25.33 |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 25.36 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 26.54 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 26.42 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 26.39 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 25.74 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 25.71 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 25.72 |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 25.68 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 26.94 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12  | 26.94 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24  | 26.94 |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0  | 26.01 |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6  | 26.01 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 26.19 |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 26.17 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 26.49 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 26.48 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 26.44 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 25.93 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 25.97 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 25.86 |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 25.97 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 26.79 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 26.86 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 26.86 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 26.38 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 26.38 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 26.26 |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 26.37 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 27.15 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 27.11 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 27.14 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 26.52 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 26.51 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 26.6  |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 26.58 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 26.24 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 26.23 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 26.2  |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 25.35 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 25.34 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 25.36 |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 25.35 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 26.62 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 26.54 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 26.61 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 25.73 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 25.73 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 25.69 |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 25.73 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 26.82 |



|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 26.91 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 26.94 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 25.91 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 25.91 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 26.1  |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 25.93 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0   | 22.12 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#12  | 22.15 |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#24  | 22.17 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#0  | 21.58 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#6  | 21.59 |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#13 | 21.65 |
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0  | 21.57 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0   | 21.46 |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#12  | 21.5  |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#24  | 21.52 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#0  | 20.9  |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#6  | 20.92 |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#13 | 21    |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0  | 20.91 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0   | 21.14 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#12  | 21.55 |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#24  | 21.6  |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#0  | 20.59 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 20.58 |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 20.61 |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 20.56 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0   | 21.68 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#12  | 21.66 |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#24  | 21.74 |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#0  | 20.81 |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#6  | 20.8  |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#13 | 20.78 |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0  | 20.79 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 20.97 |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 21    |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 21.04 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 20.13 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 20.12 |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 20.12 |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 20.11 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 20.63 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 20.36 |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 20.36 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 19.73 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 19.79 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.02 |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 19.59 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 21.86 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 21.88 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 21.72 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 21.43 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 21.44 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 21.48 |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 21.46 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 21    |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 21.19 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 21.22 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 20.8  |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 20.77 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 20.71 |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 20.68 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 20.93 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 20.71 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 20.53 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 20.5  |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 20.5  |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 20.47 |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 20.47 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 21.63 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 21.53 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 21.69 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 20.75 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 20.75 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 20.69 |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 20.75 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 20.86 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 21.07 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 20.94 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 20.05 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.04 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 20.08 |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 20.06 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 20.91 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 20.65 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 20.61 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 19.79 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 19.79 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 19.75 |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 19.76 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 21.87 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 21.84 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 21.72 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 21.69 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 21.67 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 21.68 |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 21.41 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 20.98 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 21.16 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 21.26 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 21.01 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 20.96 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 21    |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 20.73 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 20.93 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 20.71 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 20.6  |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 20.81 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 20.7  |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 20.62 |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 20.48 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 21.72 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 21.74 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 21.68 |

|       |       |       |       |         |       |
|-------|-------|-------|-------|---------|-------|
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 21.68 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 21.67 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 21.68 |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 20.71 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 20.83 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 20.96 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 20.95 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 21.04 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 20.95 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 21    |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 20.02 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 20.85 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 20.71 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 20.62 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 20.83 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 20.7  |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 20.62 |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 19.77 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 22.15 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 22.36 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.4  |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 21.47 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 21.4  |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 21.48 |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 21.46 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 21.56 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 21.42 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 21.66 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 20.76 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 20.72 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 20.74 |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 20.84 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 21.84 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 21.44 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 21.43 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 21.11 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 21.12 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 20.97 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | 20.94 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | 21.63 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#49  | 21.42 |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#99  | 21.48 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#0  | 20.62 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#25 | 20.67 |
| Band7  | 20MHz  | 16QAM | 20850 | 50RB#50 | 20.69 |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | 20.72 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0   | 20.91 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#49  | 20.85 |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#99  | 21.07 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#0  | 19.96 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#25 | 19.96 |
| Band7  | 20MHz  | 16QAM | 21100 | 50RB#50 | 20.03 |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 20.03 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | 21.23 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#49  | 20.71 |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#99  | 20.67 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#0  | 20.27 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#25 | 20.22 |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#50 | 20.18 |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 20.28 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 28.05 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#2   | 28.08 |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5   | 28.05 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#0   | 28.55 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#1   | 28.54 |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#3   | 28.57 |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 27.44 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 27.66 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#2   | 27.55 |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#5   | 27.53 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#0   | 28.08 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#1   | 28.06 |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#3   | 28.06 |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 26.9  |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 27.61 |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#2   | 27.67 |

|        |        |       |       |        |       |
|--------|--------|-------|-------|--------|-------|
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5  | 27.63 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#0  | 28.14 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#1  | 28.13 |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#3  | 28.11 |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | 26.99 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0  | 28.39 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2  | 28.43 |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5  | 28.46 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0  | 27.47 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1  | 27.45 |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3  | 27.43 |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0  | 26.96 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0  | 28.01 |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2  | 28    |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5  | 27.98 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0  | 26.98 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1  | 26.96 |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3  | 26.92 |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 26.37 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 28.12 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 28.03 |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 28.06 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 27.05 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 27.04 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 27.04 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 26.44 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 27.3  |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 27.36 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 27.38 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 26.77 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 26.77 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 26.79 |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 26.8  |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 27.77 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 27.8  |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 27.86 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 26.89 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 26.88 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band12 | 3MHz | QPSK  | 23095 | 8RB#7   | 26.88 |
| Band12 | 3MHz | QPSK  | 23095 | 15RB#0  | 26.82 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0   | 27.57 |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#8   | 27.5  |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14  | 27.49 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#0   | 26.98 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#4   | 26.97 |
| Band12 | 3MHz | QPSK  | 23165 | 8RB#7   | 26.96 |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0  | 26.96 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0   | 26.97 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8   | 27.05 |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14  | 27.03 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#0   | 26.26 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#4   | 26.26 |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#7   | 26.27 |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0  | 26.09 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0   | 27.56 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8   | 27.58 |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14  | 27.49 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0   | 26.38 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4   | 26.38 |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7   | 26.38 |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0  | 25.96 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0   | 27.21 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8   | 27.26 |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 27.23 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 26.43 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 26.42 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 26.45 |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 26.23 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 27.61 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 27.64 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 27.68 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 26.73 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 26.74 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 26.82 |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 26.74 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 27.66 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#12  | 27.65 |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#24  | 27.64 |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#0  | 26.9  |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#6  | 26.92 |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#13 | 26.94 |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0  | 26.85 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0   | 27.86 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#12  | 27.87 |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#24  | 27.84 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#0  | 26.99 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#6  | 26.99 |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#13 | 26.96 |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0  | 26.98 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#0   | 26.98 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#12  | 27.03 |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#24  | 27.07 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 26.03 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 26.02 |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 26.06 |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 25.96 |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 27.44 |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 27.4  |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 27.37 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 26.28 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 26.29 |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 26.24 |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 26.08 |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 27.2  |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 27.2  |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 27.17 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 26.24 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 26.25 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 26.19 |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 26.21 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 27.29 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 27.42 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 27.38 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 26.72 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 26.71 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 26.8  |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 26.73 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 27.8  |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 27.78 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 27.74 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 26.87 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 26.84 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 26.83 |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 26.81 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 27.66 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 27.62 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 27.57 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 27.02 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 26.97 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 26.94 |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 26.99 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 27    |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 27.16 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 27.1  |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 26.01 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 26.04 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 26.11 |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 26.09 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 27.51 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 27.53 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 27.44 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 26.2  |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 26.19 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 26.17 |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 26.2  |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 27.31 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 27.25 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 27.23 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 26.29 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 26.28 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 26.2  |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 26.27 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band17 | 5MHz | QPSK  | 23755 | 1RB#0   | 27.69 |
| Band17 | 5MHz | QPSK  | 23755 | 1RB#12  | 27.73 |
| Band17 | 5MHz | QPSK  | 23755 | 1RB#24  | 27.74 |
| Band17 | 5MHz | QPSK  | 23755 | 12RB#0  | 26.81 |
| Band17 | 5MHz | QPSK  | 23755 | 12RB#6  | 26.83 |
| Band17 | 5MHz | QPSK  | 23755 | 12RB#13 | 26.86 |
| Band17 | 5MHz | QPSK  | 23755 | 25RB#0  | 26.77 |
| Band17 | 5MHz | QPSK  | 23790 | 1RB#0   | 27.67 |
| Band17 | 5MHz | QPSK  | 23790 | 1RB#12  | 27.64 |
| Band17 | 5MHz | QPSK  | 23790 | 1RB#24  | 27.62 |
| Band17 | 5MHz | QPSK  | 23790 | 12RB#0  | 26.86 |
| Band17 | 5MHz | QPSK  | 23790 | 12RB#6  | 26.86 |
| Band17 | 5MHz | QPSK  | 23790 | 12RB#13 | 26.84 |
| Band17 | 5MHz | QPSK  | 23790 | 25RB#0  | 26.79 |
| Band17 | 5MHz | QPSK  | 23825 | 1RB#0   | 27.9  |
| Band17 | 5MHz | QPSK  | 23825 | 1RB#12  | 27.85 |
| Band17 | 5MHz | QPSK  | 23825 | 1RB#24  | 27.86 |
| Band17 | 5MHz | QPSK  | 23825 | 12RB#0  | 26.97 |
| Band17 | 5MHz | QPSK  | 23825 | 12RB#6  | 26.98 |
| Band17 | 5MHz | QPSK  | 23825 | 12RB#13 | 27    |
| Band17 | 5MHz | QPSK  | 23825 | 25RB#0  | 26.99 |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#0   | 27.06 |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#12  | 26.99 |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#24  | 27.07 |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#0  | 26.07 |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#6  | 26.1  |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#13 | 26.1  |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0  | 26.09 |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#0   | 27.38 |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#12  | 27.44 |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#24  | 27.31 |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#0  | 26.25 |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#6  | 26.25 |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#13 | 26.21 |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0  | 26.1  |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#0   | 27.18 |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#12  | 27.19 |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#24  | 27.21 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 26.22 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 26.18 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 26.24 |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 26.27 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 27.42 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 27.47 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 27.46 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 26.77 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 26.8  |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 26.74 |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 26.79 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 27.88 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 27.78 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 27.87 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 26.8  |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 26.8  |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 26.76 |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 26.8  |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 27.7  |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 27.55 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 27.56 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 27.01 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 26.99 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 26.99 |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 26.98 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 27.12 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 27.17 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 27.03 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 26.12 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 26.1  |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 26.08 |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 26.13 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 27.51 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 27.53 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 27.54 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 26.19 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 26.2  |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 26.15 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band17 | 10MHz  | 16QAM | 23790 | 50RB#0  | 26.18 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#0   | 27.26 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#24  | 27.23 |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#49  | 27.27 |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#0  | 26.28 |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#12 | 26.3  |
| Band17 | 10MHz  | 16QAM | 23800 | 25RB#25 | 26.24 |
| Band17 | 10MHz  | 16QAM | 23800 | 50RB#0  | 26.28 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#0   | 22.77 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#2   | 22.78 |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#5   | 22.83 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#0   | 23.37 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#1   | 23.33 |
| Band25 | 1.4MHz | QPSK  | 26047 | 3RB#3   | 23.36 |
| Band25 | 1.4MHz | QPSK  | 26047 | 6RB#0   | 22.08 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#0   | 23.41 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#2   | 23.39 |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#5   | 23.4  |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#0   | 23.88 |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#1   | 24.06 |
| Band25 | 1.4MHz | QPSK  | 26365 | 3RB#3   | 24.06 |
| Band25 | 1.4MHz | QPSK  | 26365 | 6RB#0   | 22.71 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#0   | 23.55 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#2   | 23.35 |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#5   | 23.34 |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#0   | 23.9  |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#1   | 23.84 |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#3   | 24.09 |
| Band25 | 1.4MHz | QPSK  | 26683 | 6RB#0   | 22.67 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0   | 23.05 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#2   | 23.09 |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#5   | 23.09 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#0   | 22.12 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#1   | 22.13 |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#3   | 22.1  |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0   | 21.73 |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#0   | 23.68 |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#2   | 23.66 |

|        |        |       |       |        |       |
|--------|--------|-------|-------|--------|-------|
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#5  | 23.68 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#0  | 22.72 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#1  | 22.71 |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#3  | 22.7  |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0  | 22.27 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0  | 23.53 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#2  | 23.41 |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5  | 23.36 |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#0  | 22.7  |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#1  | 22.72 |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#3  | 22.59 |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0  | 22.26 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#0  | 22.64 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#8  | 22.65 |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#14 | 22.7  |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#0  | 22.07 |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#4  | 22.04 |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#7  | 22.07 |
| Band25 | 3MHz   | QPSK  | 26055 | 15RB#0 | 22.1  |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#0  | 23.28 |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#8  | 23.3  |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#14 | 23.28 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#0  | 22.65 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#4  | 22.65 |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#7  | 22.65 |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0 | 22.65 |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#0  | 23.3  |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#8  | 23.12 |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#14 | 23.17 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#0  | 22.65 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#4  | 22.66 |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#7  | 22.68 |
| Band25 | 3MHz   | QPSK  | 26675 | 15RB#0 | 22.72 |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#0  | 22.29 |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#8  | 22.3  |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#14 | 22.35 |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#0  | 21.6  |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#4  | 21.63 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band25 | 3MHz | 16QAM | 26055 | 8RB#7   | 21.68 |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0  | 21.54 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0   | 22.92 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8   | 22.88 |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14  | 22.86 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#0   | 22.25 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#4   | 22.28 |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#7   | 22.2  |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0  | 22.06 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0   | 22.98 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8   | 22.95 |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14  | 22.79 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#0   | 22.27 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#4   | 22.26 |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#7   | 22.14 |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0  | 22.08 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#0   | 22.94 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#12  | 23.03 |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#24  | 23.06 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#0  | 22.09 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#6  | 22.04 |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#13 | 22.12 |
| Band25 | 5MHz | QPSK  | 26065 | 25RB#0  | 22.06 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#0   | 23.61 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#12  | 23.54 |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#24  | 23.54 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#0  | 22.66 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#6  | 22.65 |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#13 | 22.66 |
| Band25 | 5MHz | QPSK  | 26365 | 25RB#0  | 22.65 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#0   | 23.61 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#12  | 23.49 |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#24  | 23.41 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#0  | 22.76 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#6  | 22.78 |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#13 | 22.74 |
| Band25 | 5MHz | QPSK  | 26665 | 25RB#0  | 22.85 |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#0   | 22.26 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#12  | 22.33 |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#24  | 22.42 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#0  | 21.42 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#6  | 21.43 |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#13 | 21.43 |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0  | 21.43 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0   | 22.86 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#12  | 22.86 |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#24  | 22.87 |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#0  | 22    |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#6  | 21.98 |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#13 | 21.94 |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0  | 21.95 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0   | 22.93 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#12  | 23.04 |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#24  | 22.73 |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#0  | 22.19 |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#6  | 22.2  |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#13 | 22.08 |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 22.13 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 22.62 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24  | 22.82 |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49  | 22.79 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#0  | 22.03 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#12 | 22.04 |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#25 | 22.12 |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 22.08 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 23.34 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24  | 23.29 |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49  | 23.2  |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#0  | 22.63 |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#12 | 22.63 |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#25 | 22.57 |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 22.6  |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 23.11 |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24  | 22.98 |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49  | 22.87 |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#0  | 22.47 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 10MHz | QPSK  | 26640 | 25RB#12 | 22.49 |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#25 | 22.41 |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 22.43 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 22.29 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24  | 22.46 |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49  | 22.47 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#0  | 21.44 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#12 | 21.45 |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#25 | 21.5  |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 21.47 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 22.97 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24  | 22.93 |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49  | 22.85 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#0  | 21.99 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#12 | 21.99 |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#25 | 21.98 |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 22    |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 22.84 |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 22.72 |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 22.55 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#0  | 21.81 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#12 | 21.81 |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#25 | 21.76 |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 21.77 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 22.65 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 22.77 |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 22.83 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#0  | 22.36 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#18 | 22.44 |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#37 | 22.42 |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 22.13 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 23.28 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 23.25 |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 23.15 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#0  | 22.91 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#18 | 22.89 |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#37 | 22.81 |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 22.6  |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 23.19 |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 22.95 |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 22.7  |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#0  | 22.88 |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#18 | 22.77 |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#37 | 22.58 |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 22.47 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 22.34 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 22.48 |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 22.47 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#0  | 22.33 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#18 | 22.45 |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#37 | 22.42 |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 21.43 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 22.94 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 22.89 |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 22.82 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#0  | 22.91 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#18 | 22.91 |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#37 | 22.84 |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 21.97 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 22.87 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 22.75 |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 22.59 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#0  | 22.89 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#18 | 22.77 |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#37 | 22.57 |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 21.79 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 23.14 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 23.28 |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 23.28 |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#0  | 22.1  |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#25 | 22.07 |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#50 | 22.15 |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 22.21 |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 23.76 |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 23.67 |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#99  | 23.58 |

|        |        |       |       |         |       |
|--------|--------|-------|-------|---------|-------|
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#0  | 22.65 |
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#25 | 22.64 |
| Band25 | 20MHz  | QPSK  | 26365 | 50RB#50 | 22.56 |
| Band25 | 20MHz  | QPSK  | 26365 | 100RB#0 | 22.62 |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#0   | 23.7  |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#49  | 23.66 |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#99  | 23.41 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#0  | 22.57 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#25 | 22.56 |
| Band25 | 20MHz  | QPSK  | 26590 | 50RB#50 | 22.48 |
| Band25 | 20MHz  | QPSK  | 26590 | 100RB#0 | 22.56 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#0   | 22.18 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#49  | 22.23 |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#99  | 22.27 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#0  | 21.41 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#25 | 21.37 |
| Band25 | 20MHz  | 16QAM | 26140 | 50RB#50 | 21.43 |
| Band25 | 20MHz  | 16QAM | 26140 | 100RB#0 | 21.46 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#0   | 22.82 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#49  | 22.69 |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#99  | 22.61 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#0  | 21.95 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#25 | 21.94 |
| Band25 | 20MHz  | 16QAM | 26365 | 50RB#50 | 21.85 |
| Band25 | 20MHz  | 16QAM | 26365 | 100RB#0 | 21.94 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#0   | 22.72 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#49  | 22.68 |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#99  | 22.43 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#0  | 21.85 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#25 | 21.84 |
| Band25 | 20MHz  | 16QAM | 26590 | 50RB#50 | 21.75 |
| Band25 | 20MHz  | 16QAM | 26590 | 100RB#0 | 21.86 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#0   | 26.99 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#2   | 27.02 |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#5   | 27    |
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#0   | 27.52 |
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#1   | 27.51 |
| Band26 | 1.4MHz | QPSK  | 26797 | 3RB#3   | 27.73 |

|        |        |       |       |       |       |
|--------|--------|-------|-------|-------|-------|
| Band26 | 1.4MHz | QPSK  | 26797 | 6RB#0 | 26.25 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#0 | 27.53 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#2 | 27.54 |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#5 | 27.58 |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#0 | 28    |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#1 | 28.06 |
| Band26 | 1.4MHz | QPSK  | 26915 | 3RB#3 | 28.04 |
| Band26 | 1.4MHz | QPSK  | 26915 | 6RB#0 | 26.79 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#0 | 28.26 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#2 | 27.92 |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#5 | 27.89 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#0 | 28.52 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#1 | 28.52 |
| Band26 | 1.4MHz | QPSK  | 27033 | 3RB#3 | 28.44 |
| Band26 | 1.4MHz | QPSK  | 27033 | 6RB#0 | 27.23 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#0 | 27.26 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#2 | 27.25 |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#5 | 27.26 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#0 | 26.26 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#1 | 26.26 |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#3 | 26.27 |
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 25.94 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#0 | 27.87 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#2 | 27.87 |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#5 | 27.8  |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#0 | 26.82 |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#1 | 26.86 |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#3 | 26.79 |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 26.45 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#0 | 28.25 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#2 | 28.07 |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#5 | 28.01 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#0 | 27.28 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#1 | 27.26 |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#3 | 27.07 |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 26.91 |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#0 | 26.87 |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#8 | 26.87 |

|        |      |       |       |        |       |
|--------|------|-------|-------|--------|-------|
| Band26 | 3MHz | QPSK  | 26805 | 1RB#14 | 26.93 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#0  | 26.15 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#4  | 26.25 |
| Band26 | 3MHz | QPSK  | 26805 | 8RB#7  | 26.27 |
| Band26 | 3MHz | QPSK  | 26805 | 15RB#0 | 26.24 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#0  | 27.37 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#8  | 27.33 |
| Band26 | 3MHz | QPSK  | 26915 | 1RB#14 | 27.23 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#0  | 26.72 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#4  | 26.71 |
| Band26 | 3MHz | QPSK  | 26915 | 8RB#7  | 26.77 |
| Band26 | 3MHz | QPSK  | 26915 | 15RB#0 | 26.81 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#0  | 27.86 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#8  | 27.62 |
| Band26 | 3MHz | QPSK  | 27025 | 1RB#14 | 27.71 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#0  | 27.26 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#4  | 27.24 |
| Band26 | 3MHz | QPSK  | 27025 | 8RB#7  | 27.22 |
| Band26 | 3MHz | QPSK  | 27025 | 15RB#0 | 27.21 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#0  | 26.48 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#8  | 26.46 |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#14 | 26.47 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#0  | 25.83 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#4  | 25.84 |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#7  | 25.93 |
| Band26 | 3MHz | 16QAM | 26805 | 15RB#0 | 25.74 |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#0  | 27.1  |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#8  | 27    |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#14 | 26.93 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#0  | 26.38 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#4  | 26.38 |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#7  | 26.4  |
| Band26 | 3MHz | 16QAM | 26915 | 15RB#0 | 26.24 |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#0  | 27.6  |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#8  | 27.5  |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#14 | 27.26 |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#0  | 26.77 |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#4  | 26.73 |

|        |      |       |       |         |       |
|--------|------|-------|-------|---------|-------|
| Band26 | 3MHz | 16QAM | 27025 | 8RB#7   | 26.86 |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0  | 26.58 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#0   | 27.18 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#12  | 27.22 |
| Band26 | 5MHz | QPSK  | 26815 | 1RB#24  | 27.23 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#0  | 26.25 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#6  | 26.26 |
| Band26 | 5MHz | QPSK  | 26815 | 12RB#13 | 26.32 |
| Band26 | 5MHz | QPSK  | 26815 | 25RB#0  | 26.24 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#0   | 27.71 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#12  | 27.79 |
| Band26 | 5MHz | QPSK  | 26915 | 1RB#24  | 27.64 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#0  | 26.88 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#6  | 26.87 |
| Band26 | 5MHz | QPSK  | 26915 | 12RB#13 | 26.76 |
| Band26 | 5MHz | QPSK  | 26915 | 25RB#0  | 26.75 |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#0   | 28.19 |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#12  | 28.1  |
| Band26 | 5MHz | QPSK  | 27015 | 1RB#24  | 27.9  |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#0  | 27.18 |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#6  | 27.17 |
| Band26 | 5MHz | QPSK  | 27015 | 12RB#13 | 27.21 |
| Band26 | 5MHz | QPSK  | 27015 | 25RB#0  | 27.13 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0   | 26.42 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#12  | 26.43 |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#24  | 26.45 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#0  | 25.74 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#6  | 25.72 |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#13 | 25.75 |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0  | 25.71 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#0   | 27.05 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#12  | 26.98 |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#24  | 26.92 |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#0  | 26.2  |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#6  | 26.2  |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#13 | 26.15 |
| Band26 | 5MHz | 16QAM | 26915 | 25RB#0  | 26.22 |
| Band26 | 5MHz | 16QAM | 27015 | 1RB#0   | 27.55 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#12  | 27.53 |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#24  | 27.2  |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#0  | 26.63 |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#6  | 26.62 |
| Band26 | 5MHz  | 16QAM | 27015 | 12RB#13 | 26.61 |
| Band26 | 5MHz  | 16QAM | 27015 | 25RB#0  | 26.6  |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#0   | 26.89 |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#24  | 27.01 |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#49  | 26.98 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#0  | 26.22 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#12 | 26.25 |
| Band26 | 10MHz | QPSK  | 26840 | 25RB#25 | 26.3  |
| Band26 | 10MHz | QPSK  | 26840 | 50RB#0  | 26.32 |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#0   | 27.5  |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#24  | 27.32 |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#49  | 27.4  |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#0  | 26.77 |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#12 | 26.77 |
| Band26 | 10MHz | QPSK  | 26915 | 25RB#25 | 26.72 |
| Band26 | 10MHz | QPSK  | 26915 | 50RB#0  | 26.79 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#0   | 27.43 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#24  | 27.73 |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#49  | 27.45 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#0  | 26.95 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#12 | 26.96 |
| Band26 | 10MHz | QPSK  | 26990 | 25RB#25 | 27.07 |
| Band26 | 10MHz | QPSK  | 26990 | 50RB#0  | 26.96 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0   | 26.52 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#24  | 26.59 |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#49  | 26.6  |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#0  | 25.78 |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#12 | 25.76 |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#25 | 25.82 |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0  | 25.81 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0   | 27.07 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#24  | 27.03 |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#49  | 27.01 |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#0  | 26.25 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 10MHz | 16QAM | 26915 | 25RB#12 | 26.25 |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#25 | 26.17 |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0  | 26.22 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0   | 27.24 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#24  | 27.23 |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49  | 27.34 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#0  | 26.45 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#12 | 26.45 |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#25 | 26.56 |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0  | 26.41 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#0   | 27.22 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#38  | 27.48 |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#74  | 27.34 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#0  | 26.96 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#18 | 27.05 |
| Band26 | 15MHz | QPSK  | 26865 | 38RB#37 | 26.97 |
| Band26 | 15MHz | QPSK  | 26865 | 75RB#0  | 26.82 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#0   | 27.73 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#38  | 27.52 |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#74  | 27.72 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#0  | 27.07 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#18 | 27.14 |
| Band26 | 15MHz | QPSK  | 26915 | 38RB#37 | 27.02 |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0  | 26.8  |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#0   | 27.7  |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#38  | 27.66 |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#74  | 27.59 |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#0  | 27.3  |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#18 | 27.25 |
| Band26 | 15MHz | QPSK  | 26965 | 38RB#37 | 27.41 |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0  | 27    |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0   | 26.98 |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#38  | 27.1  |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#74  | 26.96 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#0  | 26.96 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#18 | 27.04 |
| Band26 | 15MHz | 16QAM | 26865 | 38RB#37 | 26.97 |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0  | 26.23 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band26 | 15MHz | 16QAM | 26915 | 1RB#0   | 27.08 |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#38  | 27.14 |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#74  | 27.03 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#0  | 27.07 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#18 | 27.12 |
| Band26 | 15MHz | 16QAM | 26915 | 38RB#37 | 27.01 |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0  | 26.28 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#0   | 27.32 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#38  | 27.27 |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#74  | 27.4  |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#0  | 27.31 |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#18 | 27.25 |
| Band26 | 15MHz | 16QAM | 26965 | 38RB#37 | 27.4  |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0  | 26.41 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#0   | 21.87 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#12  | 21.87 |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#24  | 21.98 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#0  | 20.98 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#6  | 20.95 |
| Band38 | 5MHz  | QPSK  | 37775 | 12RB#13 | 21.07 |
| Band38 | 5MHz  | QPSK  | 37775 | 25RB#0  | 20.95 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#0   | 22.52 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#12  | 22.22 |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#24  | 22.33 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#0  | 21.52 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#6  | 21.52 |
| Band38 | 5MHz  | QPSK  | 38000 | 12RB#13 | 21.41 |
| Band38 | 5MHz  | QPSK  | 38000 | 25RB#0  | 21.44 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0   | 21.73 |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#12  | 21.7  |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#24  | 21.74 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#0  | 20.72 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#6  | 20.72 |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#13 | 20.73 |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0  | 20.79 |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#0   | 20.99 |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#12  | 20.99 |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#24  | 21.1  |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#0  | 20.07 |
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#6  | 20.04 |
| Band38 | 5MHz  | 16QAM | 37775 | 12RB#13 | 20.17 |
| Band38 | 5MHz  | 16QAM | 37775 | 25RB#0  | 20.07 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#0   | 21.59 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#12  | 21.34 |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#24  | 21.44 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#0  | 20.63 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#6  | 20.62 |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#13 | 20.5  |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 20.56 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 20.77 |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 20.8  |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 20.75 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 19.81 |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 19.8  |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 19.88 |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 19.91 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 22.02 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 22.08 |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 22.26 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 21.2  |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 21.16 |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 21.35 |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 21.2  |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 22.56 |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 22.3  |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 22.39 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 21.63 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 21.62 |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 21.57 |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 21.56 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 21.86 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 21.61 |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 21.89 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 20.67 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 20.66 |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 20.92 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 20.74 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 21.27 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 21.34 |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 21.56 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 20.28 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 20.24 |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 20.41 |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 20.31 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 21.79 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 21.59 |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 21.68 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 20.72 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 20.71 |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 20.66 |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 20.66 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 21.07 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 20.87 |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 21.07 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 19.76 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 19.74 |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 20    |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 19.84 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 22.05 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 21.95 |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 22.45 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 21.19 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 21.15 |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 21.7  |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 21.22 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 22.73 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 22.13 |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 22.37 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 21.94 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 21.34 |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 21.63 |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 21.43 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 21.79 |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 21.24 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 21.92 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 20.92 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 20.44 |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 21.08 |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 20.66 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 21.3  |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 21.26 |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 21.77 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.17 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.15 |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.69 |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 20.27 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.02 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 21.39 |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 21.66 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.94 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.33 |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.62 |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 20.52 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 21    |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 20.48 |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 21.1  |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 20.92 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 20.44 |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.07 |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 19.74 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 22.22 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 22.54 |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 22.85 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 21.58 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 21.54 |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 21.86 |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 21.54 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 22.85 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 22.53 |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 22.41 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 21.89 |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 21.85 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 21.7  |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 21.69 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 21.91 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 21.48 |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 21.78 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 20.62 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 20.61 |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 20.64 |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 20.65 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 21.3  |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 21.56 |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 21.99 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 20.64 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 20.61 |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 20.91 |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 20.62 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 21.97 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 21.63 |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 21.49 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 20.98 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 20.93 |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 20.78 |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 20.77 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 20.96 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 20.55 |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 20.78 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 19.73 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 19.69 |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 19.71 |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 19.72 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#0   | 24.04 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#12  | 23.89 |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#24  | 23.89 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#0  | 22.96 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#6  | 22.96 |
| Band39 | 5MHz  | QPSK  | 38275 | 12RB#13 | 22.96 |
| Band39 | 5MHz  | QPSK  | 38275 | 25RB#0  | 22.95 |
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#0   | 23.49 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#12  | 23.4  |
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#24  | 23.44 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#0  | 22.45 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#6  | 22.44 |
| Band39 | 5MHz  | QPSK  | 38400 | 12RB#13 | 22.44 |
| Band39 | 5MHz  | QPSK  | 38400 | 25RB#0  | 22.44 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#0   | 23.68 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#12  | 23.58 |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#24  | 23.57 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#0  | 22.63 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#6  | 22.63 |
| Band39 | 5MHz  | QPSK  | 38525 | 12RB#13 | 22.62 |
| Band39 | 5MHz  | QPSK  | 38525 | 25RB#0  | 22.62 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#0   | 23.13 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#12  | 22.97 |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#24  | 22.97 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#0  | 22.06 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#6  | 22.05 |
| Band39 | 5MHz  | 16QAM | 38275 | 12RB#13 | 22.06 |
| Band39 | 5MHz  | 16QAM | 38275 | 25RB#0  | 22.07 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#0   | 22.54 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#12  | 22.47 |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#24  | 22.51 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#0  | 21.55 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#6  | 21.54 |
| Band39 | 5MHz  | 16QAM | 38400 | 12RB#13 | 21.54 |
| Band39 | 5MHz  | 16QAM | 38400 | 25RB#0  | 21.55 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#0   | 22.73 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#12  | 22.65 |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#24  | 22.64 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#0  | 21.73 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#6  | 21.72 |
| Band39 | 5MHz  | 16QAM | 38525 | 12RB#13 | 21.72 |
| Band39 | 5MHz  | 16QAM | 38525 | 25RB#0  | 21.74 |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#0   | 24.1  |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#24  | 23.86 |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#49  | 23.98 |
| Band39 | 10MHz | QPSK  | 38300 | 25RB#0  | 23.06 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 10MHz | QPSK  | 38300 | 25RB#12 | 23.05 |
| Band39 | 10MHz | QPSK  | 38300 | 25RB#25 | 22.99 |
| Band39 | 10MHz | QPSK  | 38300 | 50RB#0  | 22.98 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#0   | 23.64 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#24  | 23.37 |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#49  | 23.5  |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#0  | 22.5  |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#12 | 22.5  |
| Band39 | 10MHz | QPSK  | 38400 | 25RB#25 | 22.5  |
| Band39 | 10MHz | QPSK  | 38400 | 50RB#0  | 22.49 |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#0   | 23.87 |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#24  | 23.6  |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#49  | 23.73 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#0  | 22.78 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#12 | 22.78 |
| Band39 | 10MHz | QPSK  | 38500 | 25RB#25 | 22.73 |
| Band39 | 10MHz | QPSK  | 38500 | 50RB#0  | 22.72 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#0   | 23.37 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#24  | 23.12 |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#49  | 23.25 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#0  | 22.14 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#12 | 22.13 |
| Band39 | 10MHz | 16QAM | 38300 | 25RB#25 | 22.08 |
| Band39 | 10MHz | 16QAM | 38300 | 50RB#0  | 22.06 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#0   | 22.88 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#24  | 22.63 |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#49  | 22.76 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#0  | 21.59 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#12 | 21.58 |
| Band39 | 10MHz | 16QAM | 38400 | 25RB#25 | 21.59 |
| Band39 | 10MHz | 16QAM | 38400 | 50RB#0  | 21.57 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#0   | 23.12 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#24  | 22.86 |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#49  | 22.99 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#0  | 21.87 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#12 | 21.86 |
| Band39 | 10MHz | 16QAM | 38500 | 25RB#25 | 21.82 |
| Band39 | 10MHz | 16QAM | 38500 | 50RB#0  | 21.81 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 15MHz | QPSK  | 38325 | 1RB#0   | 24.22 |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#38  | 23.74 |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#74  | 24.03 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#0  | 23.47 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#18 | 22.98 |
| Band39 | 15MHz | QPSK  | 38325 | 38RB#37 | 23.29 |
| Band39 | 15MHz | QPSK  | 38325 | 75RB#0  | 22.93 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#0   | 23.79 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#38  | 23.31 |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#74  | 23.62 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#0  | 23.01 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#18 | 22.55 |
| Band39 | 15MHz | QPSK  | 38400 | 38RB#37 | 22.88 |
| Band39 | 15MHz | QPSK  | 38400 | 75RB#0  | 22.5  |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#0   | 24.07 |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#38  | 23.61 |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#74  | 23.87 |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#0  | 23.3  |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#18 | 22.85 |
| Band39 | 15MHz | QPSK  | 38475 | 38RB#37 | 23.13 |
| Band39 | 15MHz | QPSK  | 38475 | 75RB#0  | 22.8  |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#0   | 23.5  |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#38  | 23.01 |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#74  | 23.31 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#0  | 23.47 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#18 | 22.98 |
| Band39 | 15MHz | 16QAM | 38325 | 38RB#37 | 23.29 |
| Band39 | 15MHz | 16QAM | 38325 | 75RB#0  | 21.99 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#0   | 23.04 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#38  | 22.57 |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#74  | 22.89 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#0  | 23.01 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#18 | 22.55 |
| Band39 | 15MHz | 16QAM | 38400 | 38RB#37 | 22.88 |
| Band39 | 15MHz | 16QAM | 38400 | 75RB#0  | 21.57 |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#0   | 23.32 |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#38  | 22.87 |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#74  | 23.14 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 15MHz | 16QAM | 38475 | 38RB#0  | 23.3  |
| Band39 | 15MHz | 16QAM | 38475 | 38RB#18 | 22.85 |
| Band39 | 15MHz | 16QAM | 38475 | 38RB#37 | 23.13 |
| Band39 | 15MHz | 16QAM | 38475 | 75RB#0  | 21.87 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#0   | 24.06 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#49  | 23.74 |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#99  | 23.81 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#0  | 23.03 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#25 | 23.02 |
| Band39 | 20MHz | QPSK  | 38350 | 50RB#50 | 22.89 |
| Band39 | 20MHz | QPSK  | 38350 | 100RB#0 | 22.97 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#0   | 23.66 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#49  | 23.31 |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#99  | 23.4  |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#0  | 22.62 |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#25 | 22.61 |
| Band39 | 20MHz | QPSK  | 38400 | 50RB#50 | 22.48 |
| Band39 | 20MHz | QPSK  | 38400 | 100RB#0 | 22.57 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#0   | 23.68 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#49  | 23.36 |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#99  | 23.42 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#0  | 22.63 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#25 | 22.62 |
| Band39 | 20MHz | QPSK  | 38450 | 50RB#50 | 22.49 |
| Band39 | 20MHz | QPSK  | 38450 | 100RB#0 | 22.56 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#0   | 23.18 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#49  | 22.84 |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#99  | 22.92 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#0  | 22.13 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#25 | 22.12 |
| Band39 | 20MHz | 16QAM | 38350 | 50RB#50 | 21.99 |
| Band39 | 20MHz | 16QAM | 38350 | 100RB#0 | 22.07 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#0   | 22.77 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#49  | 22.41 |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#99  | 22.52 |
| Band39 | 20MHz | 16QAM | 38400 | 50RB#0  | 21.72 |
| Band39 | 20MHz | 16QAM | 38400 | 50RB#25 | 21.71 |
| Band39 | 20MHz | 16QAM | 38400 | 50RB#50 | 21.58 |



|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band39 | 20MHz | 16QAM | 38400 | 100RB#0 | 21.67 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#0   | 22.79 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#49  | 22.45 |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#99  | 22.53 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#0  | 21.73 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#25 | 21.71 |
| Band39 | 20MHz | 16QAM | 38450 | 50RB#50 | 21.58 |
| Band39 | 20MHz | 16QAM | 38450 | 100RB#0 | 21.65 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#0   | 24.68 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#12  | 24.44 |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#24  | 24.22 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#0  | 23.54 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#6  | 23.52 |
| Band41 | 5MHz  | QPSK  | 40265 | 12RB#13 | 23.39 |
| Band41 | 5MHz  | QPSK  | 40265 | 25RB#0  | 23.43 |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#0   | 23.75 |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#12  | 23.5  |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#24  | 23.41 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#0  | 22.47 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#6  | 22.48 |
| Band41 | 5MHz  | QPSK  | 40740 | 12RB#13 | 22.45 |
| Band41 | 5MHz  | QPSK  | 40740 | 25RB#0  | 22.48 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#0   | 23.45 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#12  | 23.13 |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#24  | 23.2  |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#0  | 21.85 |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#6  | 21.86 |
| Band41 | 5MHz  | QPSK  | 41265 | 12RB#13 | 21.81 |
| Band41 | 5MHz  | QPSK  | 41265 | 25RB#0  | 21.83 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#0   | 23.77 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#12  | 23.56 |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#24  | 23.32 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#0  | 22.64 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#6  | 22.62 |
| Band41 | 5MHz  | 16QAM | 40265 | 12RB#13 | 22.49 |
| Band41 | 5MHz  | 16QAM | 40265 | 25RB#0  | 22.56 |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#0   | 22.73 |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#12  | 22.56 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#24  | 22.47 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#0  | 21.64 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#6  | 21.63 |
| Band41 | 5MHz  | 16QAM | 40740 | 12RB#13 | 21.61 |
| Band41 | 5MHz  | 16QAM | 40740 | 25RB#0  | 21.67 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#0   | 22.09 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#12  | 21.87 |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#24  | 21.92 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#0  | 20.93 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#6  | 20.93 |
| Band41 | 5MHz  | 16QAM | 41265 | 12RB#13 | 20.87 |
| Band41 | 5MHz  | 16QAM | 41265 | 25RB#0  | 20.92 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#0   | 24.34 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#24  | 23.87 |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#49  | 23.78 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#0  | 23.13 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#12 | 23.13 |
| Band41 | 10MHz | QPSK  | 40290 | 25RB#25 | 22.92 |
| Band41 | 10MHz | QPSK  | 40290 | 50RB#0  | 22.98 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#0   | 23.47 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#24  | 23.14 |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#49  | 23.11 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#0  | 22.22 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#12 | 22.25 |
| Band41 | 10MHz | QPSK  | 40740 | 25RB#25 | 22.17 |
| Band41 | 10MHz | QPSK  | 40740 | 50RB#0  | 22.25 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#0   | 23.15 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#24  | 22.97 |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#49  | 23.44 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#0  | 21.62 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#12 | 21.61 |
| Band41 | 10MHz | QPSK  | 41290 | 25RB#25 | 21.98 |
| Band41 | 10MHz | QPSK  | 41290 | 50RB#0  | 21.79 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0   | 23.42 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#24  | 23.07 |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#49  | 22.98 |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#0  | 22.27 |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#12 | 22.26 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 10MHz | 16QAM | 40290 | 25RB#25 | 22.06 |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0  | 22.11 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#0   | 22.67 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#24  | 22.39 |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#49  | 22.37 |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#0  | 21.39 |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#12 | 21.4  |
| Band41 | 10MHz | 16QAM | 40740 | 25RB#25 | 21.32 |
| Band41 | 10MHz | 16QAM | 40740 | 50RB#0  | 21.41 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#0   | 21.94 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#24  | 21.88 |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#49  | 22.38 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#0  | 20.66 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#12 | 20.66 |
| Band41 | 10MHz | 16QAM | 41290 | 25RB#25 | 21.01 |
| Band41 | 10MHz | 16QAM | 41290 | 50RB#0  | 20.84 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#0   | 23.79 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#38  | 23.21 |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#74  | 23.35 |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#0  | 22.94 |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#18 | 22.5  |
| Band41 | 15MHz | QPSK  | 40315 | 38RB#37 | 22.59 |
| Band41 | 15MHz | QPSK  | 40315 | 75RB#0  | 22.36 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#0   | 23.54 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#38  | 23.02 |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#74  | 23.03 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#0  | 22.66 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#18 | 22.26 |
| Band41 | 15MHz | QPSK  | 40740 | 38RB#37 | 22.3  |
| Band41 | 15MHz | QPSK  | 40740 | 75RB#0  | 22.19 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#0   | 23.43 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#38  | 23.55 |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#74  | 22.13 |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#0  | 22.2  |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#18 | 22.44 |
| Band41 | 15MHz | QPSK  | 41315 | 38RB#37 | 21.31 |
| Band41 | 15MHz | QPSK  | 41315 | 75RB#0  | 22.1  |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0   | 22.97 |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 15MHz | 16QAM | 40315 | 1RB#38  | 22.51 |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#74  | 22.61 |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#0  | 22.92 |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#18 | 22.5  |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#37 | 22.6  |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0  | 21.48 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#0   | 22.72 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#38  | 22.26 |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#74  | 22.29 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#0  | 22.68 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#18 | 22.25 |
| Band41 | 15MHz | 16QAM | 40740 | 38RB#37 | 22.3  |
| Band41 | 15MHz | 16QAM | 40740 | 75RB#0  | 21.32 |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#0   | 22.2  |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#38  | 22.46 |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#74  | 21.29 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#0  | 22.18 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#18 | 22.45 |
| Band41 | 15MHz | 16QAM | 41315 | 38RB#37 | 21.32 |
| Band41 | 15MHz | 16QAM | 41315 | 75RB#0  | 21.12 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#0   | 23.52 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#49  | 23.24 |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#99  | 23.27 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#0  | 22.41 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#25 | 22.39 |
| Band41 | 20MHz | QPSK  | 40340 | 50RB#50 | 22.33 |
| Band41 | 20MHz | QPSK  | 40340 | 100RB#0 | 22.36 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#0   | 23.25 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#49  | 23.03 |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#99  | 22.67 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#0  | 22.25 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#25 | 22.27 |
| Band41 | 20MHz | QPSK  | 40740 | 50RB#50 | 22.01 |
| Band41 | 20MHz | QPSK  | 40740 | 100RB#0 | 22.24 |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0   | 23.81 |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#49  | 23.2  |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#99  | 22.86 |
| Band41 | 20MHz | QPSK  | 41140 | 50RB#0  | 22.7  |

|        |       |       |       |         |       |
|--------|-------|-------|-------|---------|-------|
| Band41 | 20MHz | QPSK  | 41140 | 50RB#25 | 22.78 |
| Band41 | 20MHz | QPSK  | 41140 | 50RB#50 | 21.93 |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | 22.38 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0   | 22.75 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#49  | 22.54 |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#99  | 22.54 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#0  | 21.53 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#25 | 21.52 |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#50 | 21.43 |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 21.47 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#0   | 22.32 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#49  | 22.14 |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#99  | 21.76 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#0  | 21.38 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#25 | 21.39 |
| Band41 | 20MHz | 16QAM | 40740 | 50RB#50 | 21.17 |
| Band41 | 20MHz | 16QAM | 40740 | 100RB#0 | 21.4  |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0   | 22.89 |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#49  | 22.3  |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99  | 21.54 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#0  | 21.84 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#25 | 21.87 |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#50 | 21.02 |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 21.51 |

**Peak-to-Average Ratio(CCDF)**
**Test Result**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 4.70       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 5.30       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 4.99       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.51       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 4.32       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 4.90       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 4.90       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 5.91       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 5.07       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 6.09       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 4.41       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 5.54       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 4.52       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 5.28       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 4.93       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.39       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 4.38       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 4.96       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 5.01       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 6.12       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1RB#0            | 5.62       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.26       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1RB#0            | 5.01       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 5.83       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1RB#0            | 4.23       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 5.39       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1RB#0            | 5.13       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.59       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1RB#0            | 4.58       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 5.10       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1RB#0            | 5.07       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 6.14       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 1RB#0            | 5.45       | 13        | PASS    |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 6.29 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 4.87 | 13 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 5.83 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 4.55 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 5.22 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 4.93 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 5.33 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 4.64 | 13 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 5.04 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 4.90 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 6.12 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 5.45 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 6.23 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 5.28 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 5.97 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 4.75 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 4.99 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 4.93 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 5.13 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 4.64 | 13 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 4.87 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 4.93 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 6.00 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 5.59 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 6.09 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 5.22 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 5.94 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 4.46 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 4.20 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 4.64 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 4.26 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 4.49 | 13 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 4.17 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 5.39 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 5.86 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 5.33 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 5.94 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 5.07 | 13 | PASS |

|       |        |       |       |         |      |    |      |
|-------|--------|-------|-------|---------|------|----|------|
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 5.86 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0   | 8.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0   | 8.49 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0   | 4.29 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0  | 4.29 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20525 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20525 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20625 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20625 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20425 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20425 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20525 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20525 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20625 | 1RB#0   | 4.35 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20625 | 25RB#0  | 4.35 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0   | 4.29 | 13 | PASS |



|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 4.29 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 4.29 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 4.29 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.29 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 4.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 4.29 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0  | 2.93 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0 | 3.77 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0  | 3.36 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0 | 4.23 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0  | 2.99 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | 3.59 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0  | 3.62 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0 | 4.58 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0  | 4.06 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | 4.93 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0  | 3.57 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | 4.43 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0  | 2.96 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | 3.88 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0  | 3.45 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | 4.23 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0  | 3.33 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | 3.94 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0  | 3.57 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 4.78 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0  | 4.14 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 5.10 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0  | 3.68 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 4.72 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0  | 3.45 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | 3.94 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0  | 3.62 | 13 | PASS |

|        |        |       |       |         |      |    |      |
|--------|--------|-------|-------|---------|------|----|------|
| Band7  | 15MHz  | QPSK  | 21100 | 75RB#0  | 4.20 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 1RB#0   | 6.20 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 75RB#0  | 5.59 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 1RB#0   | 3.71 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 75RB#0  | 5.10 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 1RB#0   | 4.20 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 75RB#0  | 5.25 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 1RB#0   | 8.03 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 75RB#0  | 6.78 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#0   | 3.33 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 100RB#0 | 3.65 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 1RB#0   | 3.65 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 100RB#0 | 3.83 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0   | 3.36 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | 3.83 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | 4.00 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | 5.30 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0   | 4.14 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 5.39 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | 4.12 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 5.33 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 5.77 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 5.77 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 6.32 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 6.26 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 5.88 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 6.20 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0   | 5.94 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 6.32 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0   | 6.75 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0   | 6.78 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0   | 6.14 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0   | 6.72 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0   | 5.19 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0  | 5.62 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0   | 6.09 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0  | 5.77 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0   | 5.91 | 13 | PASS |

|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band12 | 3MHz  | QPSK  | 23165 | 15RB#0 | 5.88 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23025 | 1RB#0  | 5.71 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23025 | 15RB#0 | 6.38 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23095 | 1RB#0  | 6.75 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23095 | 15RB#0 | 6.70 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 1RB#0  | 6.55 | 13 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | 6.72 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#0  | 5.48 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | 6.06 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#0  | 5.94 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | 6.23 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0  | 6.00 | 13 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | 6.14 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#0  | 5.86 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | 6.70 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0  | 6.43 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | 6.78 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0  | 6.26 | 13 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 6.70 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 5.07 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 5.86 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 5.97 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 5.74 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 6.09 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 5.57 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 5.74 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 6.67 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 6.41 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 6.55 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 6.93 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 6.38 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#0  | 6.35 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0 | 6.70 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#0  | 6.14 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0 | 6.41 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#0  | 6.17 | 13 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0 | 6.49 | 13 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0  | 6.58 | 13 | PASS |

|        |        |       |       |        |      |    |      |
|--------|--------|-------|-------|--------|------|----|------|
| Band17 | 5MHz   | 16QAM | 23755 | 25RB#0 | 7.28 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23790 | 1RB#0  | 6.52 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23790 | 25RB#0 | 7.13 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23825 | 1RB#0  | 6.35 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23825 | 25RB#0 | 7.07 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23780 | 1RB#0  | 6.03 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23780 | 50RB#0 | 6.06 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23790 | 1RB#0  | 5.97 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23790 | 50RB#0 | 5.97 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23800 | 1RB#0  | 6.29 | 13 | PASS |
| Band17 | 10MHz  | QPSK  | 23800 | 50RB#0 | 6.00 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23780 | 1RB#0  | 6.84 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23780 | 50RB#0 | 6.90 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23790 | 1RB#0  | 6.35 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23790 | 50RB#0 | 6.93 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23800 | 1RB#0  | 7.01 | 13 | PASS |
| Band17 | 10MHz  | 16QAM | 23800 | 50RB#0 | 6.84 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26047 | 1RB#0  | 4.81 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26047 | 6RB#0  | 5.42 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26365 | 1RB#0  | 5.04 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26365 | 6RB#0  | 5.54 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26683 | 1RB#0  | 3.74 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26683 | 6RB#0  | 4.35 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0  | 5.07 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0  | 5.88 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#0  | 5.39 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0  | 6.06 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0  | 4.06 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0  | 4.90 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#0  | 4.72 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 15RB#0 | 5.30 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#0  | 5.04 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0 | 5.42 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#0  | 4.00 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 15RB#0 | 4.67 | 13 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#0  | 5.48 | 13 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 15RB#0 | 6.09 | 13 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 1RB#0  | 5.71 | 13 | PASS |

|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band25 | 3MHz  | 16QAM | 26365 | 15RB#0 | 6.20 | 13 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 1RB#0  | 4.75 | 13 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 15RB#0 | 5.36 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 1RB#0  | 5.25 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 25RB#0 | 5.83 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 1RB#0  | 5.51 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 25RB#0 | 5.86 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 1RB#0  | 4.72 | 13 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 25RB#0 | 5.22 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#0  | 5.68 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0 | 6.46 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0  | 5.86 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0 | 6.49 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0  | 5.16 | 13 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0 | 5.86 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0  | 4.67 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0 | 5.30 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0  | 5.04 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0 | 5.42 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0  | 4.52 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0 | 4.99 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0  | 5.33 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 6.12 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0  | 5.54 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 6.17 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0  | 5.22 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 5.83 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0  | 4.70 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0 | 5.10 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0  | 5.07 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0 | 5.19 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0  | 4.78 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0 | 4.90 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0  | 5.33 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 6.00 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0  | 5.68 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 6.06 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0  | 5.45 | 13 | PASS |

|        |        |       |       |         |      |    |      |
|--------|--------|-------|-------|---------|------|----|------|
| Band25 | 15MHz  | 16QAM | 26615 | 75RB#0  | 5.83 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26140 | 1RB#0   | 4.55 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26140 | 100RB#0 | 4.35 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26365 | 1RB#0   | 4.87 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26365 | 100RB#0 | 4.38 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26590 | 1RB#0   | 4.67 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26590 | 100RB#0 | 4.20 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26140 | 1RB#0   | 5.16 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26140 | 100RB#0 | 5.88 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26365 | 1RB#0   | 5.51 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26365 | 100RB#0 | 5.88 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26590 | 1RB#0   | 5.22 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26590 | 100RB#0 | 5.77 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26797 | 1RB#0   | 5.13 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26797 | 6RB#0   | 5.62 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26915 | 1RB#0   | 4.75 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26915 | 6RB#0   | 5.10 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 27033 | 1RB#0   | 4.32 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 27033 | 6RB#0   | 4.61 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#0   | 5.45 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0   | 6.20 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#0   | 4.72 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0   | 5.65 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#0   | 4.26 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0   | 5.13 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 1RB#0   | 5.19 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26805 | 15RB#0  | 5.51 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 1RB#0   | 4.78 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 15RB#0  | 5.04 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 1RB#0   | 5.19 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 27025 | 15RB#0  | 5.10 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 1RB#0   | 5.86 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26805 | 15RB#0  | 6.26 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 1RB#0   | 5.30 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 15RB#0  | 5.83 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 27025 | 1RB#0   | 5.74 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 27025 | 15RB#0  | 5.86 | 13 | PASS |
| Band26 | 5MHz   | QPSK  | 26815 | 1RB#0   | 5.01 | 13 | PASS |

|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band26 | 5MHz  | QPSK  | 26815 | 25RB#0 | 5.77 | 13 | PASS |
| Band26 | 5MHz  | QPSK  | 26915 | 1RB#0  | 4.84 | 13 | PASS |
| Band26 | 5MHz  | QPSK  | 26915 | 25RB#0 | 5.25 | 13 | PASS |
| Band26 | 5MHz  | QPSK  | 27015 | 1RB#0  | 5.65 | 13 | PASS |
| Band26 | 5MHz  | QPSK  | 27015 | 25RB#0 | 5.59 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 26815 | 1RB#0  | 5.68 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 26815 | 25RB#0 | 6.38 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 1RB#0  | 5.28 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 26915 | 25RB#0 | 5.83 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 1RB#0  | 6.06 | 13 | PASS |
| Band26 | 5MHz  | 16QAM | 27015 | 25RB#0 | 6.29 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 1RB#0  | 4.96 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26840 | 50RB#0 | 5.45 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 1RB#0  | 5.13 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26915 | 50RB#0 | 5.16 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 1RB#0  | 4.78 | 13 | PASS |
| Band26 | 10MHz | QPSK  | 26990 | 50RB#0 | 5.51 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0  | 5.86 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0 | 6.23 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0  | 5.65 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0 | 5.88 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0  | 5.45 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0 | 6.32 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 1RB#0  | 5.30 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26865 | 75RB#0 | 5.04 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 1RB#0  | 5.28 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0 | 5.10 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 1RB#0  | 4.78 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26965 | 75RB#0 | 5.22 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0  | 5.83 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | 5.97 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#0  | 5.57 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | 5.86 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#0  | 5.30 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | 6.12 | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 37775 | 1RB#0  | 5.36 | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 37775 | 25RB#0 | 9.04 | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 38000 | 1RB#0  | 8.58 | 13 | PASS |



|        |       |       |       |         |       |    |      |
|--------|-------|-------|-------|---------|-------|----|------|
| Band38 | 5MHz  | QPSK  | 38000 | 25RB#0  | 9.13  | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0   | 8.72  | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0  | 9.19  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 37775 | 1RB#0   | 9.36  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 37775 | 25RB#0  | 9.62  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#0   | 9.16  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 9.83  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 9.16  | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 9.74  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 7.59  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 8.81  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 8.58  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 8.90  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 8.52  | 13 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 8.93  | 13 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 9.39  | 13 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 9.57  | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 9.57  | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 10.00 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 9.39  | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 9.71  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 8.46  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 8.70  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 8.67  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 8.75  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 8.64  | 13 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 8.81  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 9.54  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 9.51  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 9.54  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 9.57  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 9.59  | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 9.83  | 13 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 7.91  | 13 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 7.94  | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 8.67  | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 8.03  | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 8.72  | 13 | PASS |



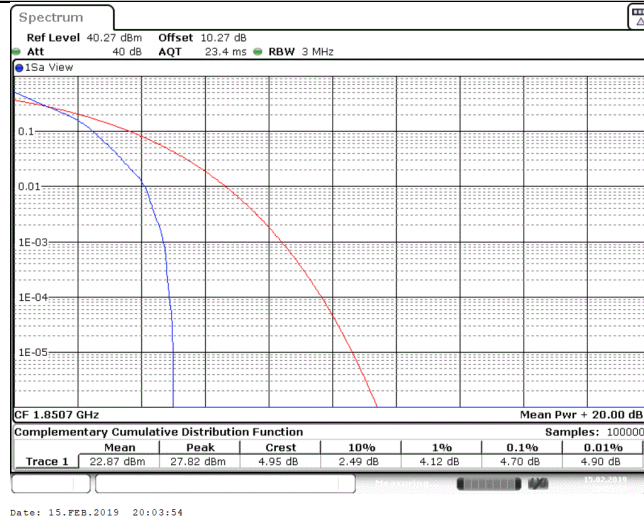
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|--------|-------|-------|-------|---------|-------|----|------|
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 8.06  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 9.16  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.39  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 9.16  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.45  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 9.07  | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 9.45  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38275 | 1RB#0   | 4.70  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38275 | 25RB#0  | 9.25  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38400 | 1RB#0   | 9.28  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38400 | 25RB#0  | 9.59  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38525 | 1RB#0   | 8.87  | 13 | PASS |
| Band39 | 5MHz  | QPSK  | 38525 | 25RB#0  | 9.39  | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38275 | 1RB#0   | 9.36  | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38275 | 25RB#0  | 10.23 | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38400 | 1RB#0   | 9.39  | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38400 | 25RB#0  | 10.32 | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38525 | 1RB#0   | 9.57  | 13 | PASS |
| Band39 | 5MHz  | 16QAM | 38525 | 25RB#0  | 10.03 | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38300 | 1RB#0   | 8.52  | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38300 | 50RB#0  | 9.01  | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38400 | 1RB#0   | 8.81  | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38400 | 50RB#0  | 9.28  | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38500 | 1RB#0   | 8.90  | 13 | PASS |
| Band39 | 10MHz | QPSK  | 38500 | 50RB#0  | 9.13  | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38300 | 1RB#0   | 9.48  | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38300 | 50RB#0  | 9.83  | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38400 | 1RB#0   | 10.06 | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38400 | 50RB#0  | 10.12 | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38500 | 1RB#0   | 9.65  | 13 | PASS |
| Band39 | 10MHz | 16QAM | 38500 | 50RB#0  | 9.91  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38325 | 1RB#0   | 6.38  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38325 | 75RB#0  | 9.19  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38400 | 1RB#0   | 8.81  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38400 | 75RB#0  | 8.93  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38475 | 1RB#0   | 8.93  | 13 | PASS |
| Band39 | 15MHz | QPSK  | 38475 | 75RB#0  | 8.99  | 13 | PASS |
| Band39 | 15MHz | 16QAM | 38325 | 1RB#0   | 9.54  | 13 | PASS |

|        |       |       |       |         |       |    |      |
|--------|-------|-------|-------|---------|-------|----|------|
| Band39 | 15MHz | 16QAM | 38325 | 75RB#0  | 9.91  | 13 | PASS |
| Band39 | 15MHz | 16QAM | 38400 | 1RB#0   | 9.59  | 13 | PASS |
| Band39 | 15MHz | 16QAM | 38400 | 75RB#0  | 9.71  | 13 | PASS |
| Band39 | 15MHz | 16QAM | 38475 | 1RB#0   | 9.74  | 13 | PASS |
| Band39 | 15MHz | 16QAM | 38475 | 75RB#0  | 9.94  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38350 | 1RB#0   | 8.03  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38350 | 100RB#0 | 8.09  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38400 | 1RB#0   | 8.70  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38400 | 100RB#0 | 8.12  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38450 | 1RB#0   | 9.07  | 13 | PASS |
| Band39 | 20MHz | QPSK  | 38450 | 100RB#0 | 8.26  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38350 | 1RB#0   | 9.36  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38350 | 100RB#0 | 9.62  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38400 | 1RB#0   | 9.39  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38400 | 100RB#0 | 9.54  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38450 | 1RB#0   | 9.71  | 13 | PASS |
| Band39 | 20MHz | 16QAM | 38450 | 100RB#0 | 9.86  | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#0   | 4.38  | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 40265 | 25RB#0  | 9.42  | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#0   | 8.87  | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 40740 | 25RB#0  | 9.39  | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 41265 | 1RB#0   | 10.03 | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 41265 | 25RB#0  | 9.71  | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#0   | 8.87  | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 40265 | 25RB#0  | 9.71  | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#0   | 9.33  | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 40740 | 25RB#0  | 10.03 | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 41265 | 1RB#0   | 10.03 | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 41265 | 25RB#0  | 10.00 | 13 | PASS |
| Band41 | 10MHz | QPSK  | 40290 | 1RB#0   | 5.62  | 13 | PASS |
| Band41 | 10MHz | QPSK  | 40290 | 50RB#0  | 8.93  | 13 | PASS |
| Band41 | 10MHz | QPSK  | 40740 | 1RB#0   | 8.78  | 13 | PASS |
| Band41 | 10MHz | QPSK  | 40740 | 50RB#0  | 9.13  | 13 | PASS |
| Band41 | 10MHz | QPSK  | 41290 | 1RB#0   | 9.88  | 13 | PASS |
| Band41 | 10MHz | QPSK  | 41290 | 50RB#0  | 9.42  | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0   | 9.13  | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0  | 9.71  | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40740 | 1RB#0   | 9.68  | 13 | PASS |

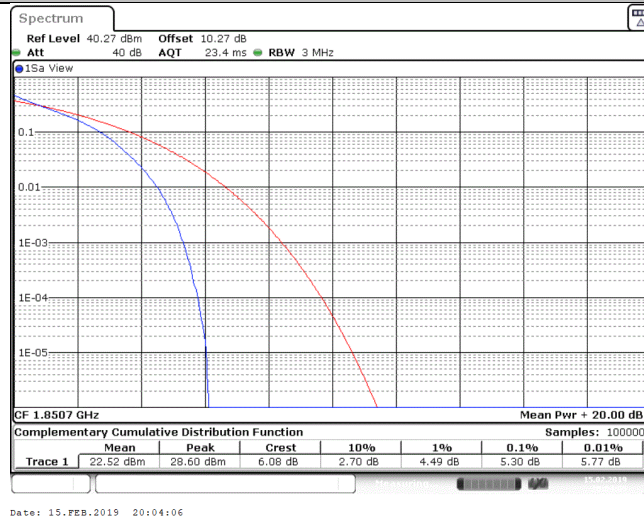
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|--------|-------|-------|-------|---------|-------|----|------|
| Band41 | 10MHz | 16QAM | 40740 | 50RB#0  | 9.88  | 13 | PASS |
| Band41 | 10MHz | 16QAM | 41290 | 1RB#0   | 9.83  | 13 | PASS |
| Band41 | 10MHz | 16QAM | 41290 | 50RB#0  | 9.86  | 13 | PASS |
| Band41 | 15MHz | QPSK  | 40315 | 1RB#0   | 10.93 | 13 | PASS |
| Band41 | 15MHz | QPSK  | 40315 | 75RB#0  | 9.19  | 13 | PASS |
| Band41 | 15MHz | QPSK  | 40740 | 1RB#0   | 8.81  | 13 | PASS |
| Band41 | 15MHz | QPSK  | 40740 | 75RB#0  | 9.33  | 13 | PASS |
| Band41 | 15MHz | QPSK  | 41315 | 1RB#0   | 9.74  | 13 | PASS |
| Band41 | 15MHz | QPSK  | 41315 | 75RB#0  | 9.13  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0   | 9.07  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0  | 9.97  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40740 | 1RB#0   | 9.74  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40740 | 75RB#0  | 9.74  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41315 | 1RB#0   | 9.57  | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41315 | 75RB#0  | 9.62  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#0   | 8.32  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40340 | 100RB#0 | 8.35  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#0   | 8.75  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40740 | 100RB#0 | 8.17  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0   | 8.70  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | 8.14  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0   | 8.87  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 9.48  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#0   | 9.22  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40740 | 100RB#0 | 9.57  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0   | 9.22  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 9.51  | 13 | PASS |

# Test Graphs

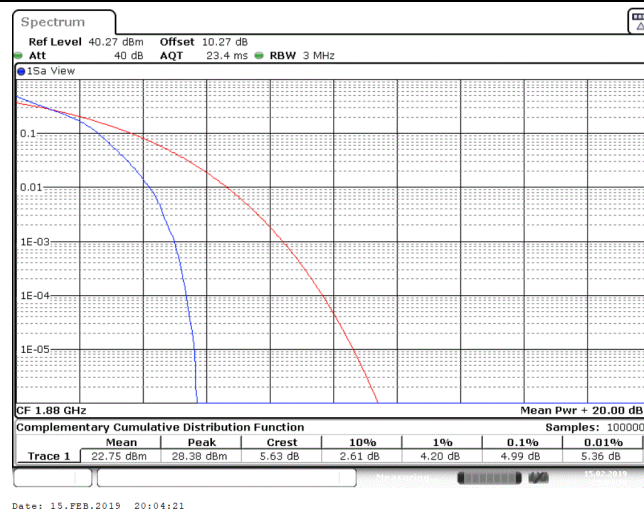
Band2\_1.4MHz\_QPSK\_18607\_1RB#0



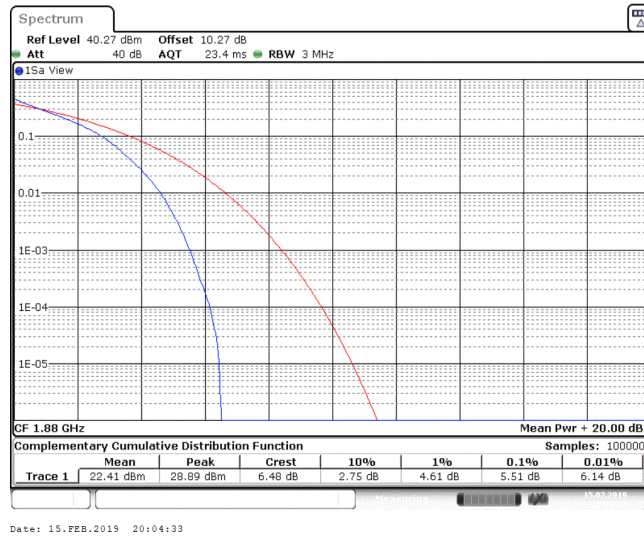
Band2\_1.4MHz\_QPSK\_18607\_6RB#0



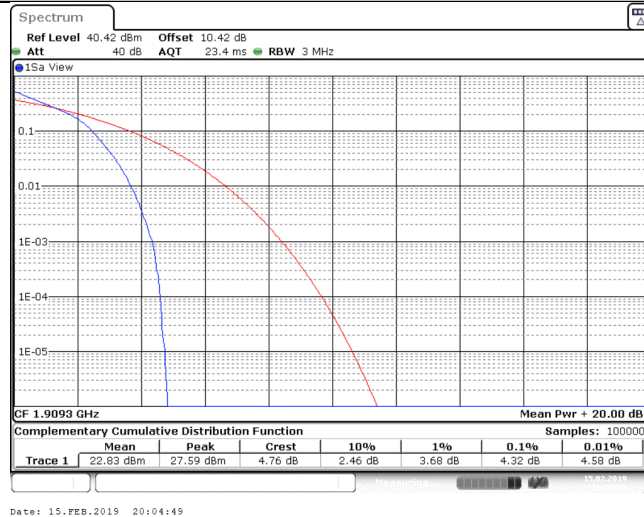
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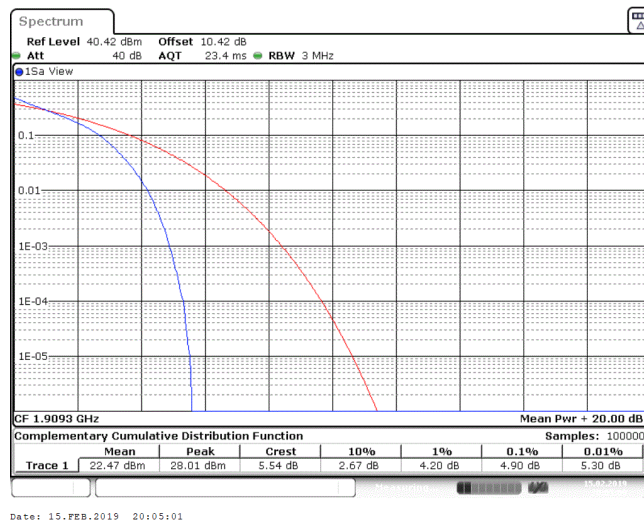
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Band2\_1.4MHz\_QPSK\_19193\_1RB#0

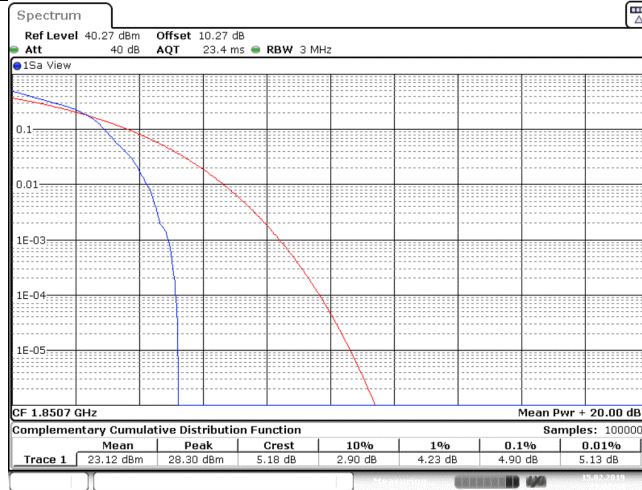


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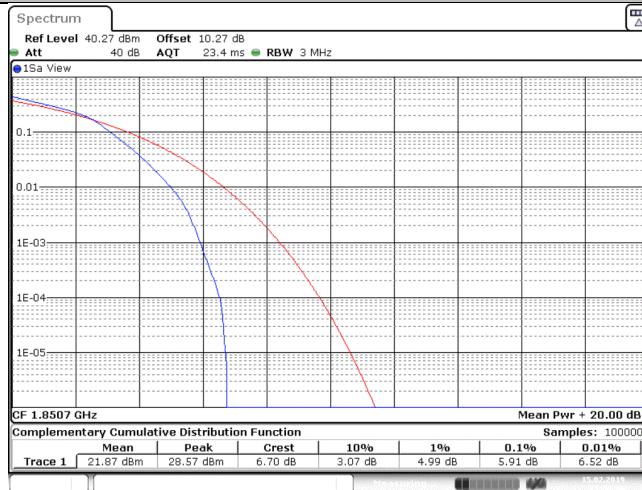


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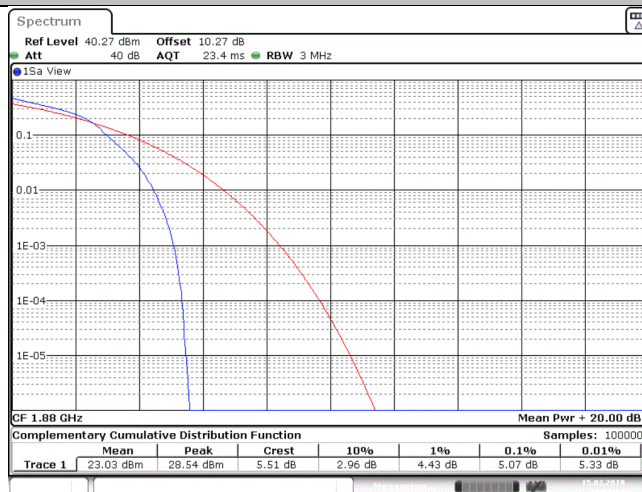
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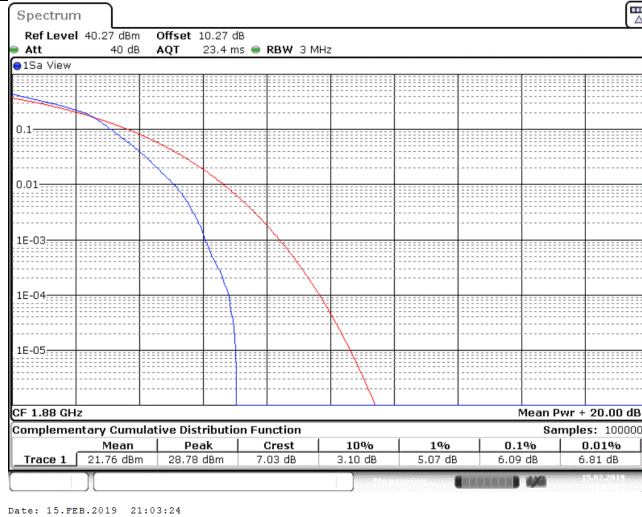
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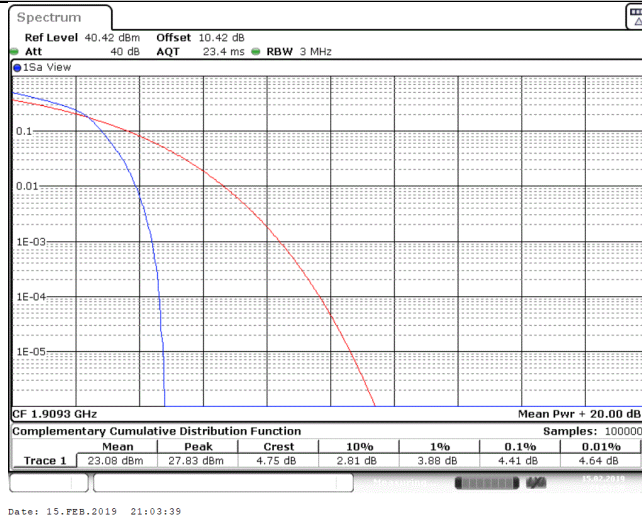


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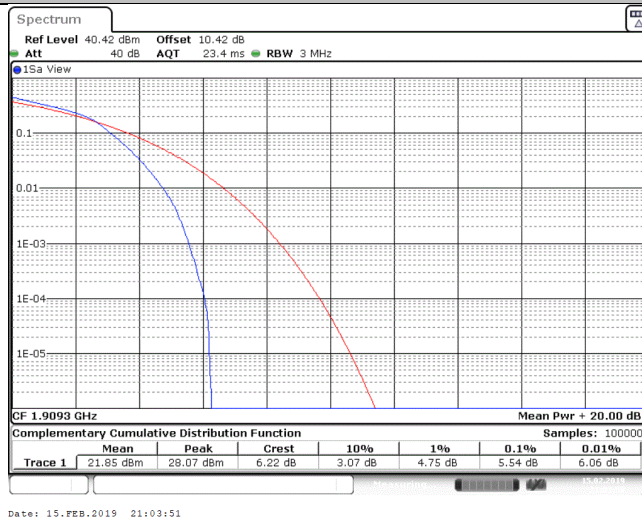
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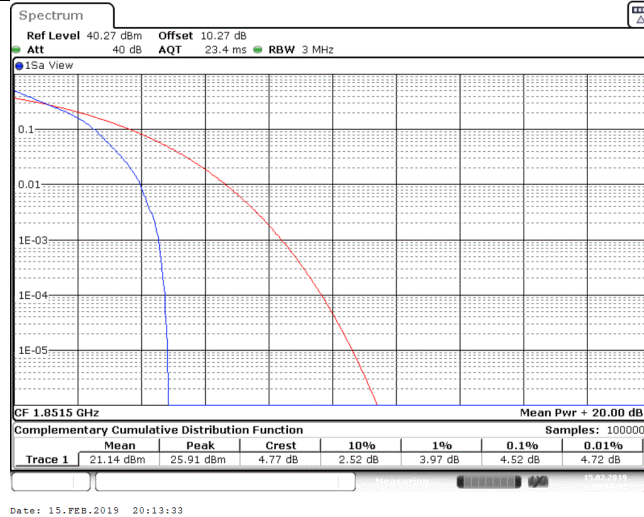
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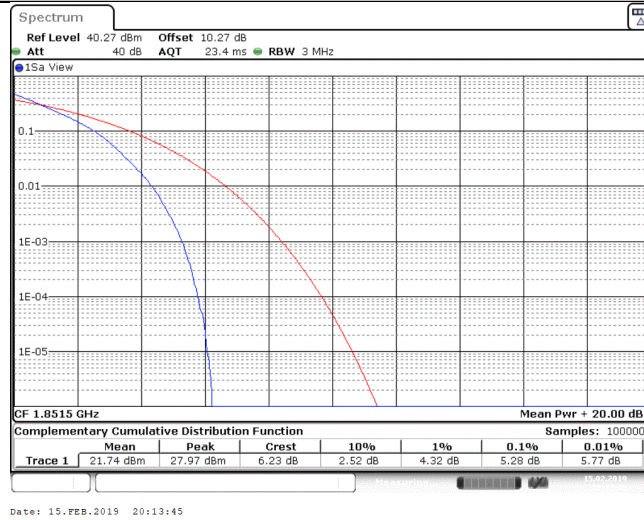
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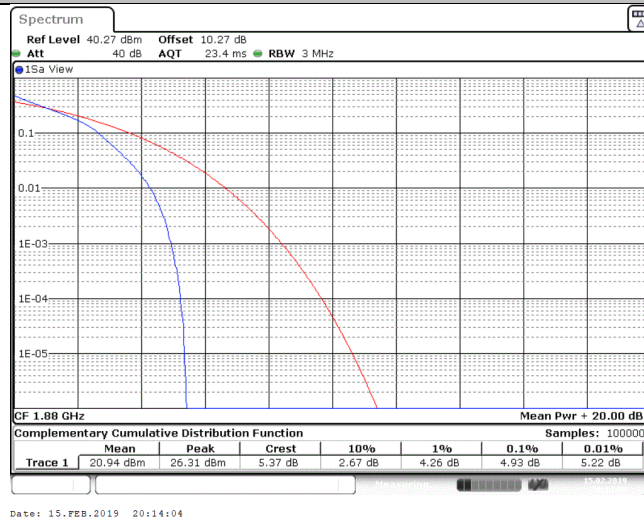
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Band2\_3MHz\_QPSK\_18615\_15RB#0

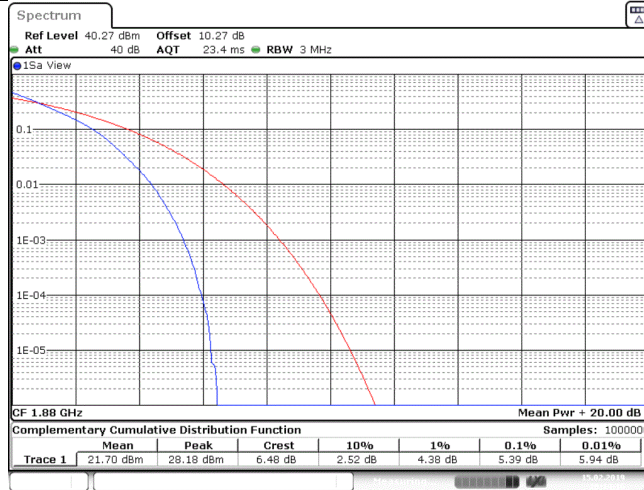


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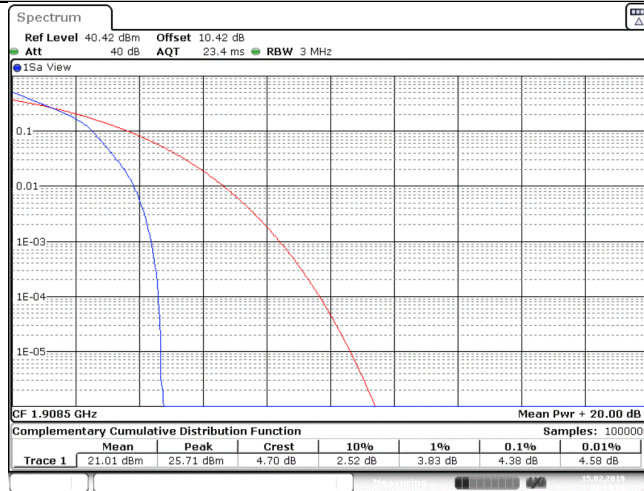


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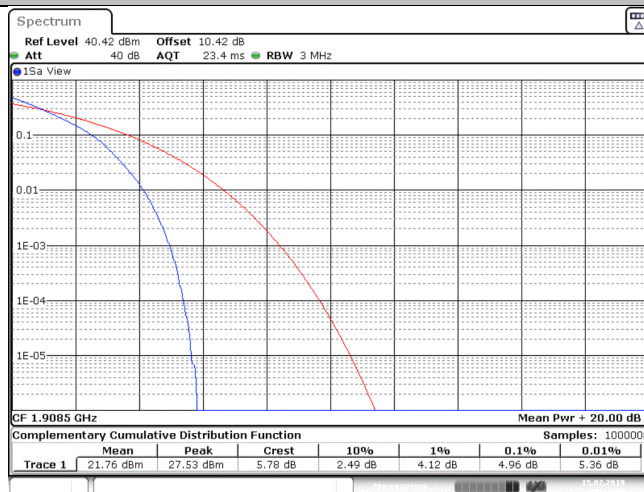
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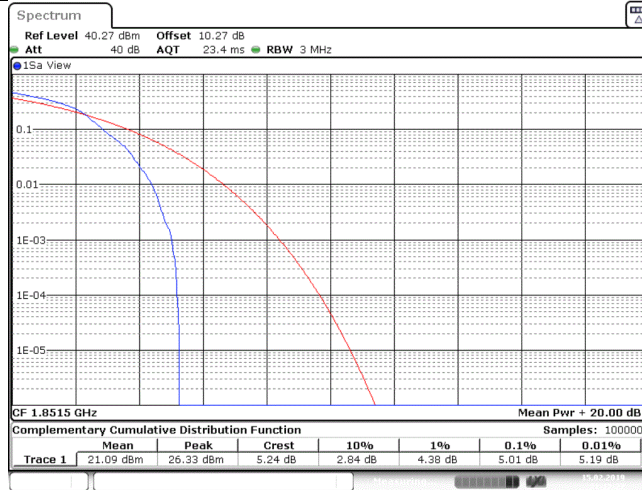
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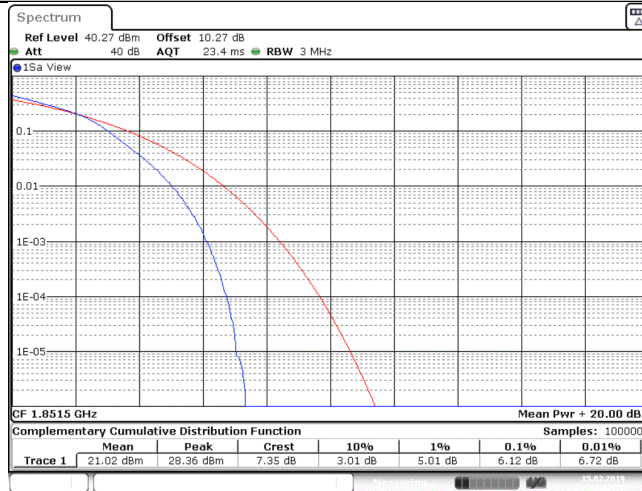
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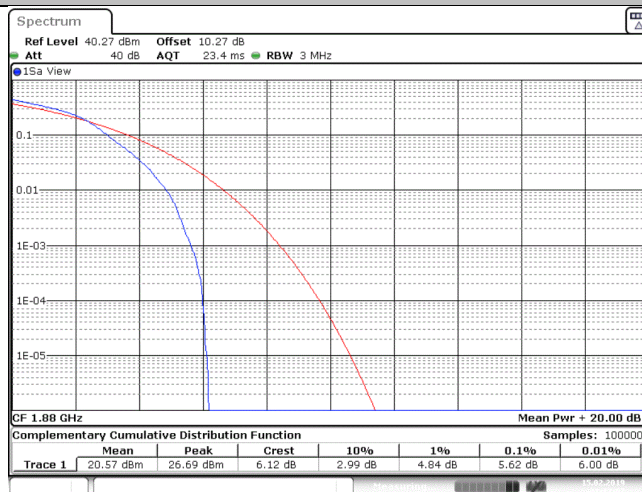
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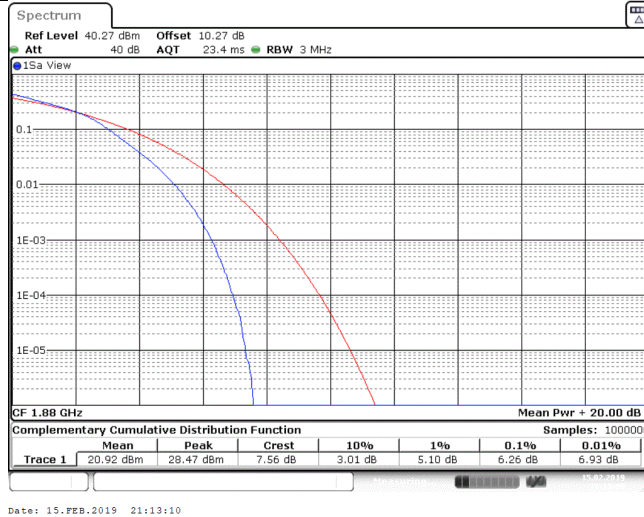
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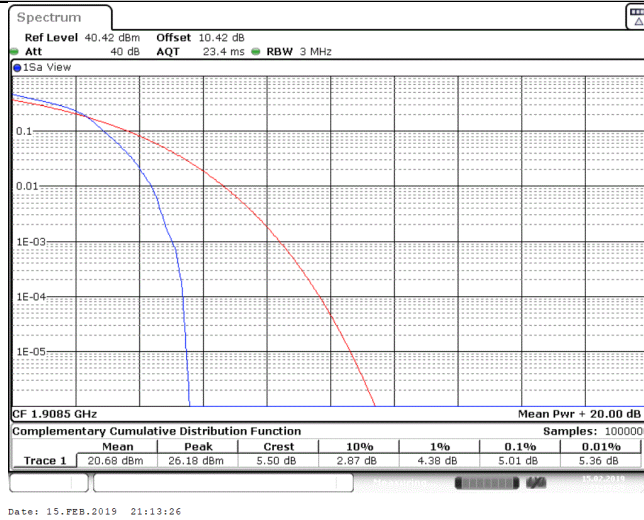


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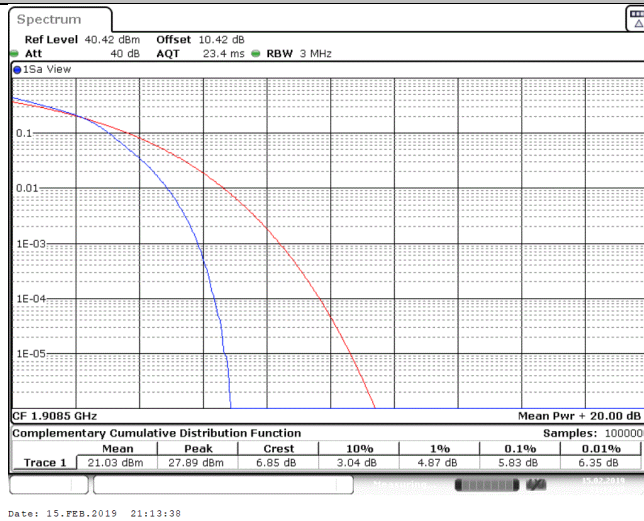
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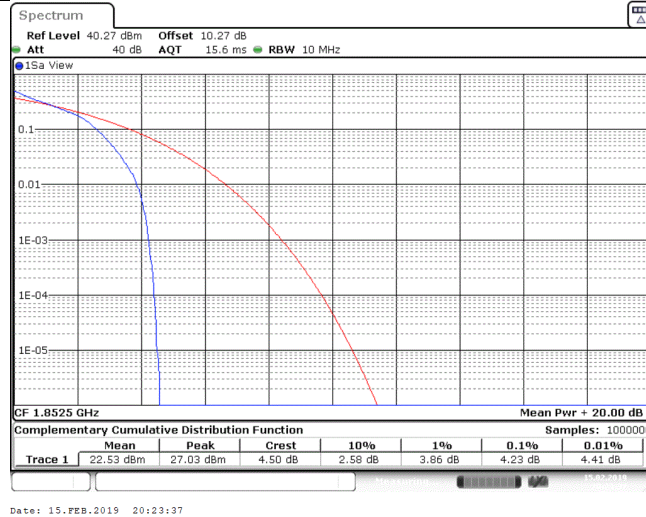
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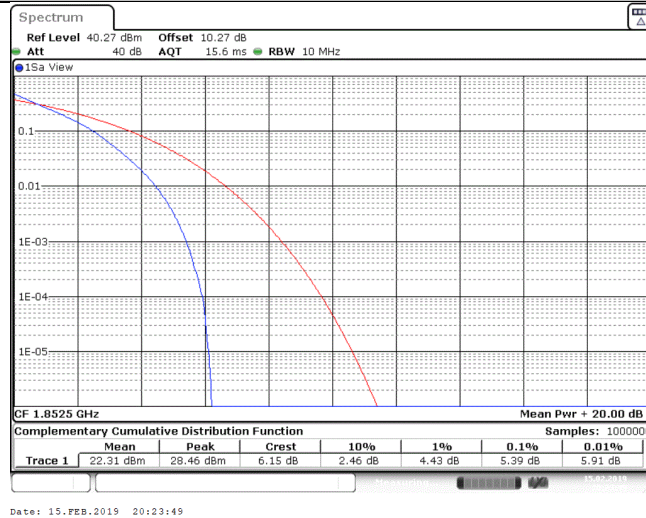
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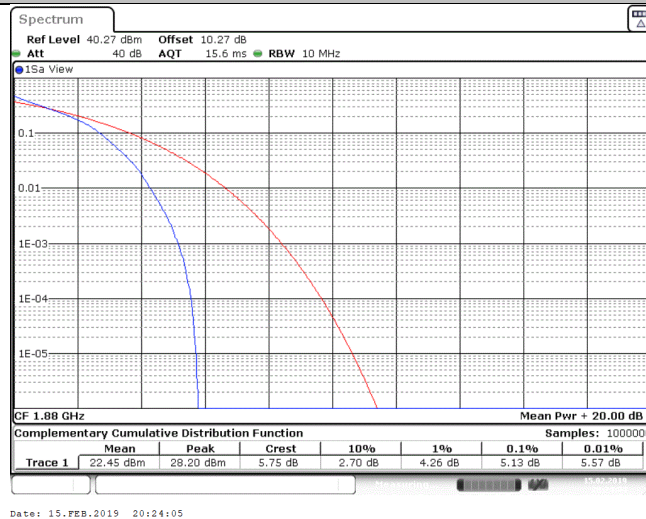
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Band2\_5MHz\_QPSK\_18625\_25RB#0

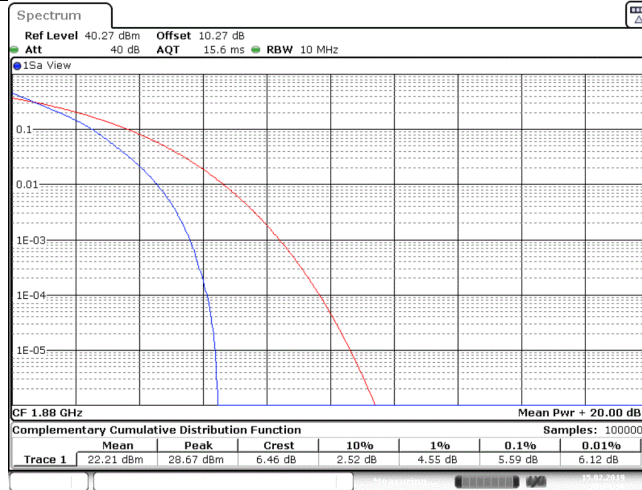


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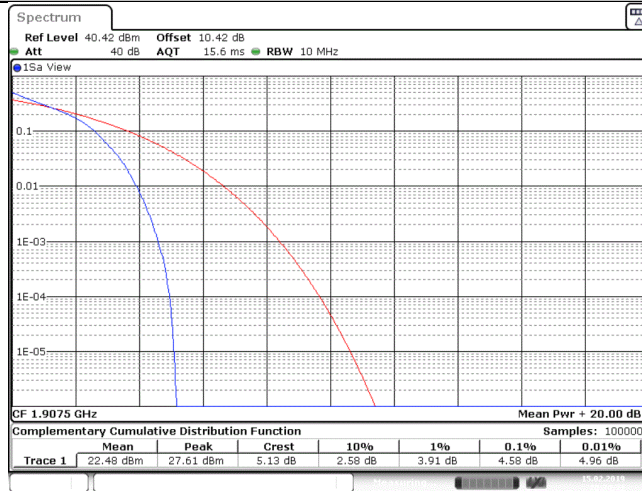


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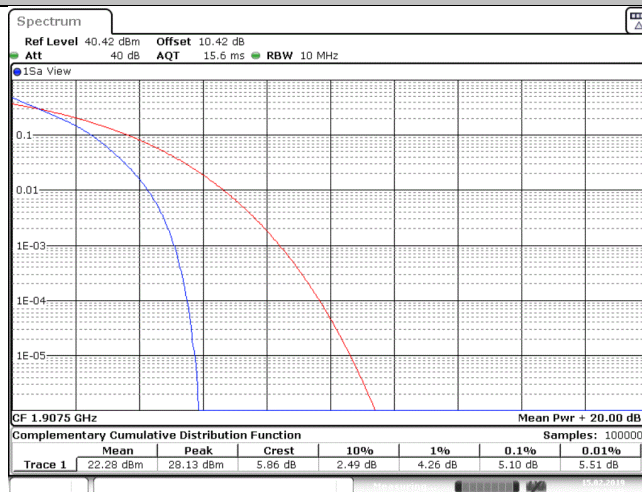
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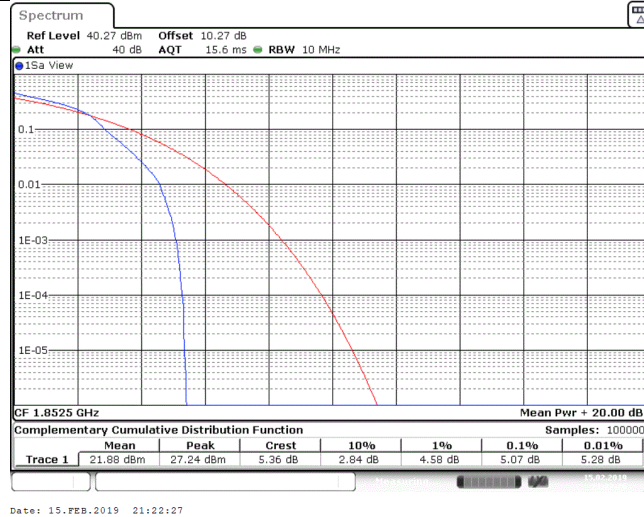
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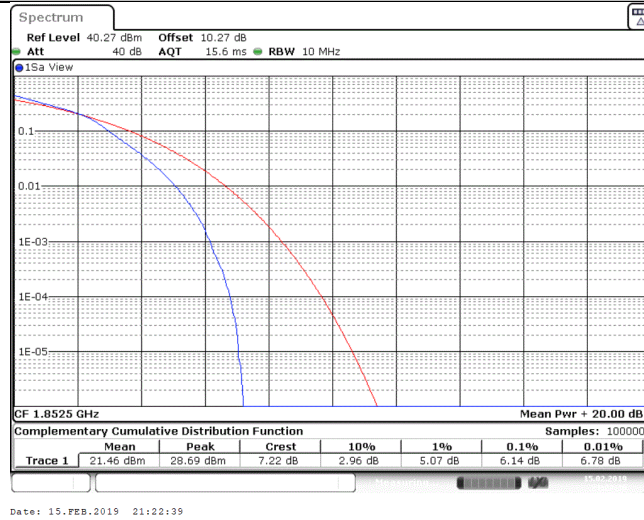


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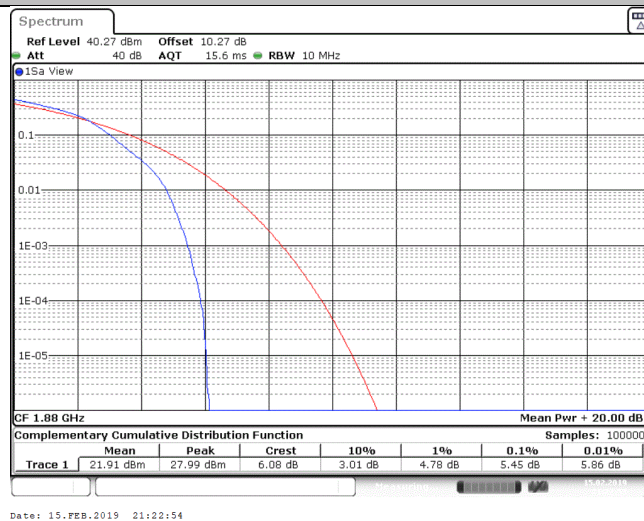
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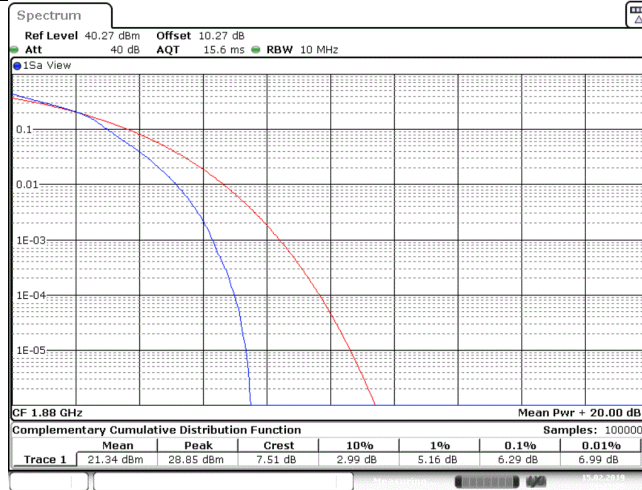
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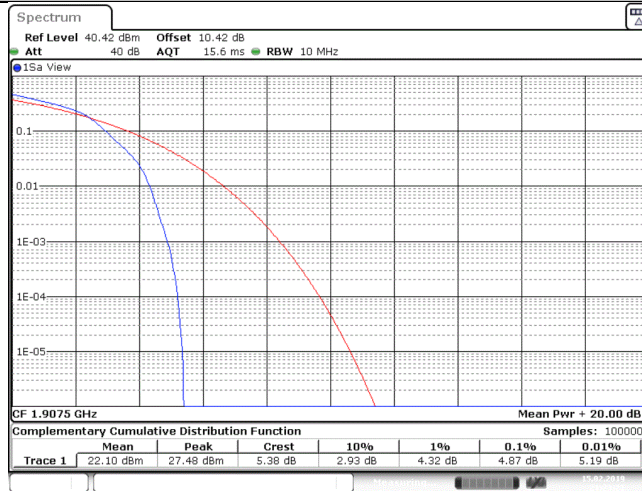


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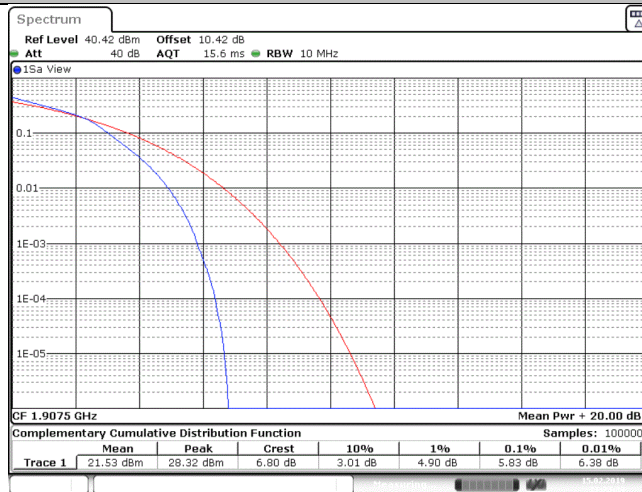
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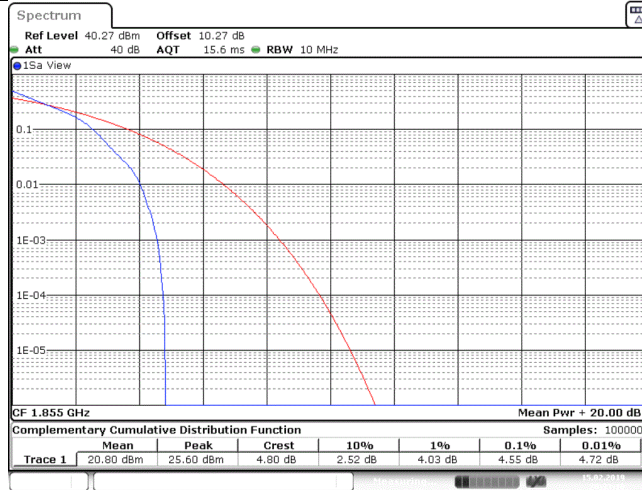
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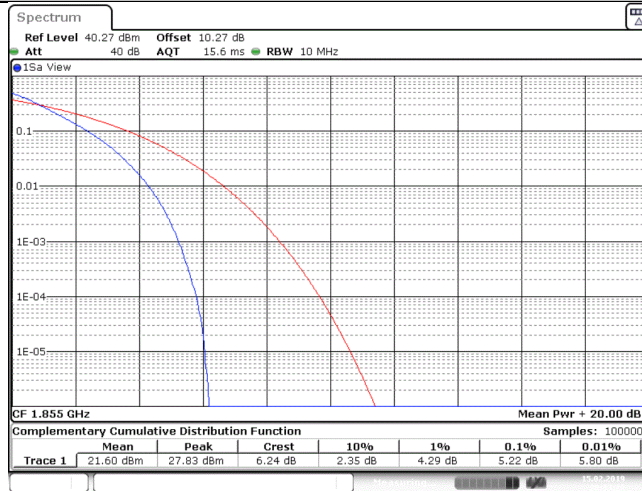
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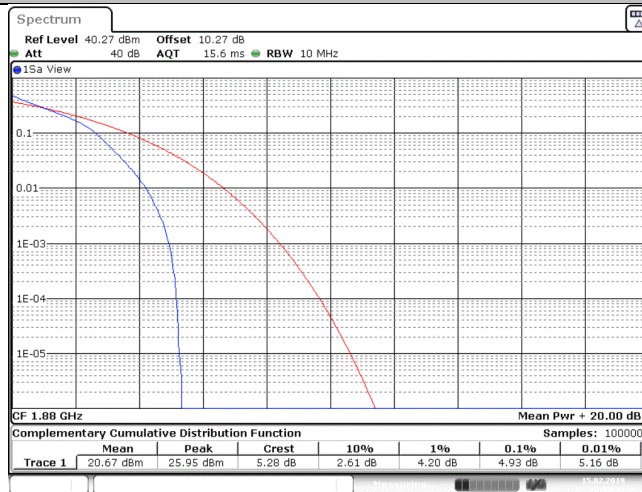
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Date: 15.FEB.2019 20:33:23

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Date: 15.FEB.2019 20:33:38